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PRICE: THREE DOLLARS

July 20, 1961

electronics BUYERS' GUIDE

FOR YOUR
SPECIAL APPLICATIONS

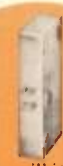
The bulk of UTC production is on special units designed to specific customers' needs. Illustrated below are some typical units and some unusual units as manufactured for special applications. We would be pleased to advise and quote to your special requirements.

FILTERS

All types for frequencies from .1 cycle to 400 MC.

400 ~ telemetering, 3 db at ± 7.5%, 40 db at 230 and 700 ~, 5/8 x 1¼ x 2"

15 ~ BP filter, 20 db at 30 ~, 45 db at 100 ~, phase angle at CF less than 3° from —40 to +100°C.



LP filter within 1 db to 49 KC, stable to .1 db from 0 to 85°C., 45 db at 55 KC.

LP filter less than .1 db 0 to 2.5 KC, 50 db beyond 3 KC.

PULSE TRANSFORMERS

From miniature blocking oscillator to 10 megawatt.

Wound core unit .01 micro-second rise time.

Pulse current transformer 100 Amp.

Pulse output to magnatron, bifilar filament.

Precise wave shape pulse output, 2500 V. 3 Amps.

HIGH Q COILS

Toroid, laminated, and cup structures from .1 cycle to 400 MC.

Tuned DO-T servo amplifier transformer, 400 ~ .5% distortion.

Toroid for printed circuit, Q of 90 at 15 KC.

Dual toroid, Q of 75 at 10 KC, and Q of 120 at 5 KC.

HVC tapped variable inductor for 3 KC oscillator.

SPECIALTIES

Saturable reactors, reference transformers, magnetic amplifiers, combined unit.

RF saturable inductor for sweep from 17 MC to 21 MC.

Voltage reference transformer .05% accuracy.

Multi-control magnetic amplifier for airborne servo.

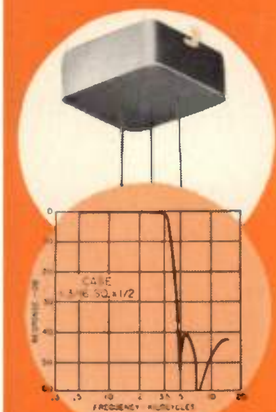
Input, output, two tuned interstages, peaking network, and BP filter, all in one case.

POWER

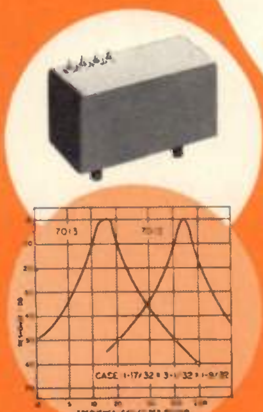
SPECIAL FILTERS

TO YOUR REQUIREMENTS

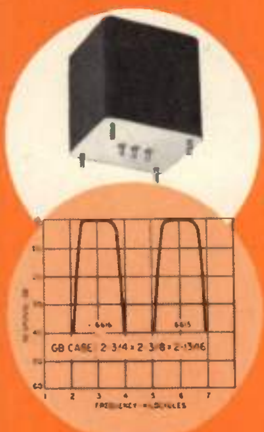
Almost thirty years of experience in the design and production of special filters have resulted in UTC being a first source for difficult units. Present designs incorporate a wide variety of core structures, winding methods, and capacitors to provide maximum performance, stability, and reliability. The units illustrated show a few of the thousands of specials produced by UTC, to customers' requirements, and only slightly indicate the possibilities in present special filter design. Range of frequencies on special units is from .1 cycles to 400 MC.



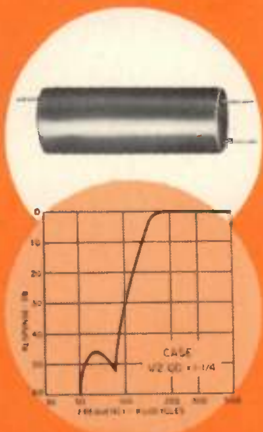
Miniaturized 3.5 KC low pass filter. 10K ohms to 10K ohms. Within 1 db up to 3500 cycles. Greater than 40 db beyond 4800 cycles.



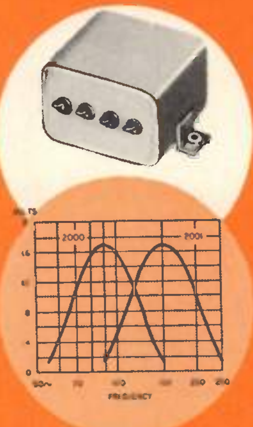
Fifteen cycle and 135 cycle filters for Tacan. 600 ohms to high impedance. Extreme stability —55°C. to +100°C.



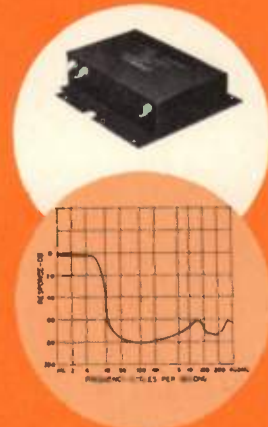
Three KC and 6 KC flat top band pass filters. 400 ohms to 20K ohms. MIL-T-27A; each filter 1.7 lbs.



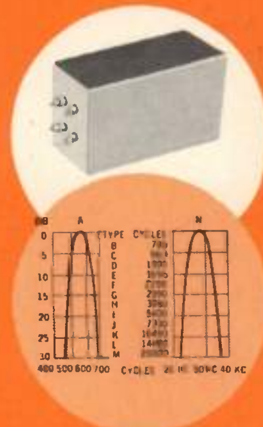
High frequency Mini-filters, .33 oz. MIL-T-27A Grade 5. 150 KC High Pass 3 db to 150 KC, down 45 db below 85 KC. 7500 ohms.



Curves of our miniaturized 90 and 150 cycle filters for glide path systems. 1¼" x 1¾" x 1⅝".



Power line filter from sources of 50 to 400 cycles . . . attentuation from 14 KC to 400 MC . . . 29 cubic inches.



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VARIABLE HERMETIC
DECADE INDUCTOR
LOW FREQU. TO 2500 HYS.
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TRANSISTOR AUDIO
DO-T
DI-T
SMALLEST SIZE
MINIATURE HERMETIC HIGHEST POWER
COMPACT WIDE RANGE
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Military, Industrial
PLATE TO 6 KV CT
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For bulletins or information contact your nearest G-E Apparatus Sales Office or write to Section 998-38, General Electric Co., 1 River Road, Schenectady 5, N. Y.

GENERAL ELECTRIC

PANEL METERS AND TIME METERS

Panel meter between two time meters, showing matched BIG LOOK styling

PANEL METERS

G.E. general-purpose BIG LOOK panel meters are particularly suitable for use in radio and communication equipment where accuracy and quality are required and space is at a premium. Featuring distinctive appearance, excellent readability, and reliable operation, the meters are available in 2½-, 3½- and 4½-inch sizes and in a-c, d-c, and rectifier ratings. Accuracy is ±2% of full scale (rectifier type ±3%). Voltmeters, ammeters, milliammeters, and microammeters are available in most required ranges.

FEATURES

Built-in G.E. quality helps provide extra-long reliable life with these outstanding features:

Shielded mechanism—self-shielding of all d-c movements allows mounting on magnetic or nonmagnetic panels without special calibration—cluster mounting bezel-to-bezel without interaction—and the effects of stray magnetic fields are minimized.

2½- and 3½-inch units completely sealed—internal parts and movements are protected from dirt, dust, and water. Cases are sealed in air-conditioned assembly areas.

4½-inch units feature a snap-off, snap-on cover for easy access to the scale, when required.

Pivots and jewels—moving parts are supported on rugged steel pivots which rotate in low-friction, highly-polished glass jewels.

SOME GENERAL SPECIFICATIONS

	D-C Types			A-C Types		
	2½-in.	3½-in.	4½-in.	2½-in.	3½-in.	4½-in.
Scale length	2.1"	2.9"	3.93"	2.0"	2.9"	3.93"
Damping (nominal overshoot)						
(a) All ratings except those listed below:	3%	3%	10%	40%	40%	45%
(b) 20 microamps	25%	25%	—	—	—	—
(c) 30 microamps	25%	25%	—	—	—	—
(d) 50 microamps	25%	25%	33%	—	—	—
Maximum weight–Net	7 oz	7 oz	9 oz	7 oz	7 oz	9 oz

Write for Bulletin GEA-7034

TIME METERS

General Electric's New Type 236 elapsed time indicators offer the same distinctive appearance and excellent readability found in General Electric BIG LOOK ammeters and voltmeters, plus the operating accuracy and reliability required for electronic component testing and operation life in such applications as:

- Radio transmitters
- Power supplies and converters
- Radar, sonar, doppler and other Military equipment
- Engine-generator test stands.
- Data handling systems
- Industrial and nuclear control systems
- Test equipment

FEATURES

Complete line offers a time meter for every time-measuring application—including 2½-inch and 3½-inch sizes for panel mounting and 2½-inch size for conduit-type case or portable stand.

Reset device available—Can be provided with a resetting knob which is mounted in an accessible position on the front of the timer.

Military sealed model available—Both 2½-inch and 3½-inch sizes are available which have been designed and tested by The General Electric Measurements Laboratory.

ASA panel mounting dimensions.

Digit register with extra-large counter numbers—White numbers on black background provide unexcelled readability. The last digit is black on white to indicate tenths. The counter unit is ¼-inch high.

SPECIFICATIONS

Voltage: 120, 208, 240, 480 volts. Frequency: 60, 50 cycles.

Temperature limits:
Nonreset models, —67F to 150F (—55C to 65C)
Reset models —6F to 150F (—20C to 65C)

Counter: Six digits with last digit in tenths. (0 to 99999.9 hours or minutes). Net weight: one pound

Write for Bulletins GEA-6710 (Type 236) and GEA-6710 (Type KT—not shown)

PRECISION-REGULATED TRANSISTORIZED D-C POWER SUPPLIES

To Satisfy Critical Military and Commercial Applications

Choose from over 25 standard G-E models. Get significant advantages in sturdy construction, advanced design circuitry, and high quality components that pay off in superior reliability in your application. Specifications for all standard models are guaranteed by General Electric.

SPECIFICATIONS OF STANDARD MODELS

	D-C Output Regulation					Max. Ripple		Dimensions		
			Load		Line			W	H	D
Model Number	Volts	Amp.	Typ. %	Max. %	%	RMS MV	Peak MV	Panel		Behind Panel
TSFI-11x5010*	1.5	10	0.25	0.4	±0.12	2	5	19	7	13¾
-1003005*	3	5	0.25	0.4	±0.12	2	5	10	7	13¾
-1003010*	3	10	0.25	0.4	±0.12	2	5	19	7	13¾
-1005005*	5	5	0.16	0.25	±0.05	2	5	19	7	13¾
-1005010*	5	10	0.16	0.25	±0.05	2	5	19	7	13¾
-1005020*	5	20	0.16	0.25	±0.05	2	5	19	10½	13¾
-1006005*	6	5	0.16	0.25	±0.05	2	5	19	7	13¾
-1006010*	6	10	0.16	0.25	±0.05	2	5	19	7	13¾
-1006020*	6	20	0.16	0.25	±0.05	2	5	19	10½	13¾
-1008005*	8	5	0.16	0.2	±0.05	2	5	19	7	13¾
-1008010*	8	10	0.16	0.2	±0.05	2	5	19	7	13¾
-1008020*	8	20	0.16	0.2	±0.05	2	5	19	10½	13¾
-1012005*	12	5	0.1	0.16	±0.05	2	5	19	7	13¾
-1012010*	12	10	0.1	0.16	±0.05	2	5	19	10½	13¾
-1012020*	12	20	0.1	0.16	±0.05	2	5	19	10½	13¾
-1020005*	20	5	0.1	0.16	±0.05	2	5	19	7	13¾
-1020010*	20	10	0.1	0.16	±0.05	2	5	19	10½	13¾
-1025005*	25	5	0.1	0.16	±0.05	2	5	19	7	13¾
-1025010*	25	10	0.1	0.16	±0.05	2	5	19	10½	13¾
-1030005*	30	5	0.1	0.16	±0.05	2	6	19	7	13¾
-1030010*	30	10	0.1	0.16	±0.05	2	6	19	10½	13¾
TSVI-1006010*	0–6	4	0.1	0.16	±0.05	2	5	19	10½	13¾
-1018005*	0–18	15	0.2	0.25	±0.05	2	5	19	10½	13¾
-1036008*	0–36	8	0.1	0.16	±0.05	2	7	19	7	13¾
-1070005*	0–70	4	0.1	0.16	±0.05	5	14	19	7	13¾
-11001x5*	0–100	1.5	0.1	0.16	±0.05	7	20	19	7	13¾

*Add Suffix Letter A—Rack Mtg. Open
B—Rack Mtg. Semi-covered C—Bench Model

INPUT POWER: 105 to 125 volts A-C, single-phase, 57.5 to 63.

AMBIENT: 15° to 40°C (higher ambient at reduced rating).

TOTAL D-C REGULATION BAND—For worst combination of: (1) input line variations, (2) 5% step line change, (3) no load to full load current, (4) ± 50% D-C step load changes, (5) ambient change after half-hour warm-up, (6) peak to peak ripple and noise—band width is ± .5% for voltages above 3 volts and ± 1.25% for 1.5 or 3 volts.

VOLTAGE ADJUSTMENT: Model TSF — voltage is variable from zero to rated. Current at reduced voltage is reduced proportionally. Model TSV—voltage is variable from near zero to rated at full load current.

DYNAMIC RESPONSE: For 50% Step Load Added at Rate of 2.5x10⁶ Amps/sec, output voltage does not leave the ± 0.5% regulation band.

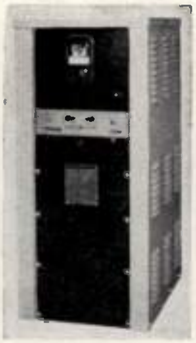
Write for Bulletin GED-4184

GENERAL ELECTRIC

For bulletins or information contact your nearest G-E Apparatus Sales Office or write to Section 998-38, General Electric Co., 1 River Road, Schenectady 5, N. Y.

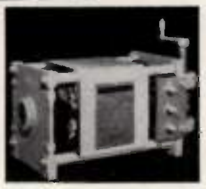
INDUSTRIAL VOLTAGE REGULATORS

Inductrol* Regulators Provide Stepless Voltage Control; No Harmful Waveform Distortions



AUTOMATIC

RACK-MOUNTED



HAND-OPERATED

FEATURES: No brushes to wear out! No tubes to replace! No routine maintenance! High efficiency and short-circuit strength!

The General Electric Inductrol voltage regulator can be used to hold a constant load voltage accurately when supplied from a fluctuating supply, or can provide a variable load voltage from a relatively constant supply.

Panel-mounted units are available for service on single- and three-phase circuits up to 15 kva. Ranges of voltage adjustment extend from ±5 to ±100 per cent (0 to 200 per cent of input voltage). Automatic Inductrol regulators are usually supplied for a-c voltage control. Inductrol regulator controls can also regulate a-c or d-c voltage or current. Automatic panels for cyclic industrial processes are also obtainable.

In dry-type construction for circuits up to 600 volts, liquid-filled up to 13,800 volts. Capacities—300 VA and above.

Write for Bulletin GEC-1450

Sta-Vo-Trol** Regulators Provide Automatic Voltage Control for Critical Loads

FEATURES: Static design—zener diode sensing! No moving parts—maintenance free! Unique rate-feedback! Rapid response! Remote sensing! Compact size!

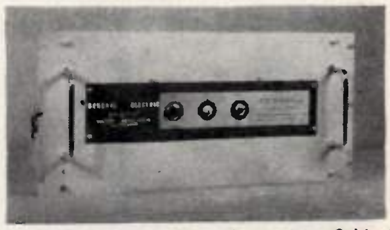
The General Electric Sta-Vo-Trol static voltage control maintains constant voltage automatically—regardless of line or load changes. Its design eliminates tubes, brushes and moving parts.

It has an adaptable input range—fulfilling most application requirements—of 95 to 135 volts single-phase, with a normal output of 115 volts. Output is adjustable from 110 to 120 volts.

Accuracy is within ±0.25% band width for line voltage and/or load magnitude changes—provided load is a constant power factor; for changing load power factors—±0.5% bandwidth. Rapid response—1/10-2/10 second (6-12 cycles) for 63% correction after ordinary changes—up to 30 cycles for complete correction.

*Registered trade-mark of General Electric Company.

**Trade-mark of General Electric Company.



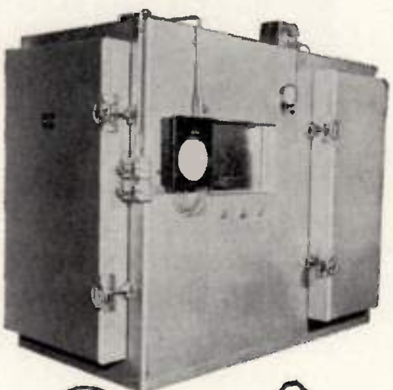
Sta-Vo-Trol regulator for rack mounting. Cabinet model for bench applications is also available.

Write for Bulletin GEA-7042

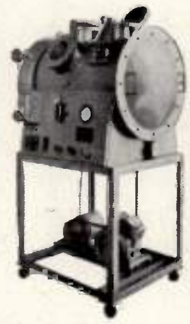
Environmental TEST CHAMBERS

Standard test chambers are expertly designed for accurate, reliable testing. Superior design and quality construction assure years of dependable service with a minimum of maintenance. Whatever the simulated condition desired, there is a Standard Cabinet designed specifically to do the job, guaranteed to give excellent performance.

Standard Cabinet Company, a recognized pioneer in the field, has an uninterrupted history of over 18 years under the same ownership and management. It has acquired a wealth of experience and skill in the design and construction of chambers of every description.



ECONO-MODEL



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SAND AND DUST
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VIBRATION • EXPLOSION
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SPECIAL APPLICATIONS

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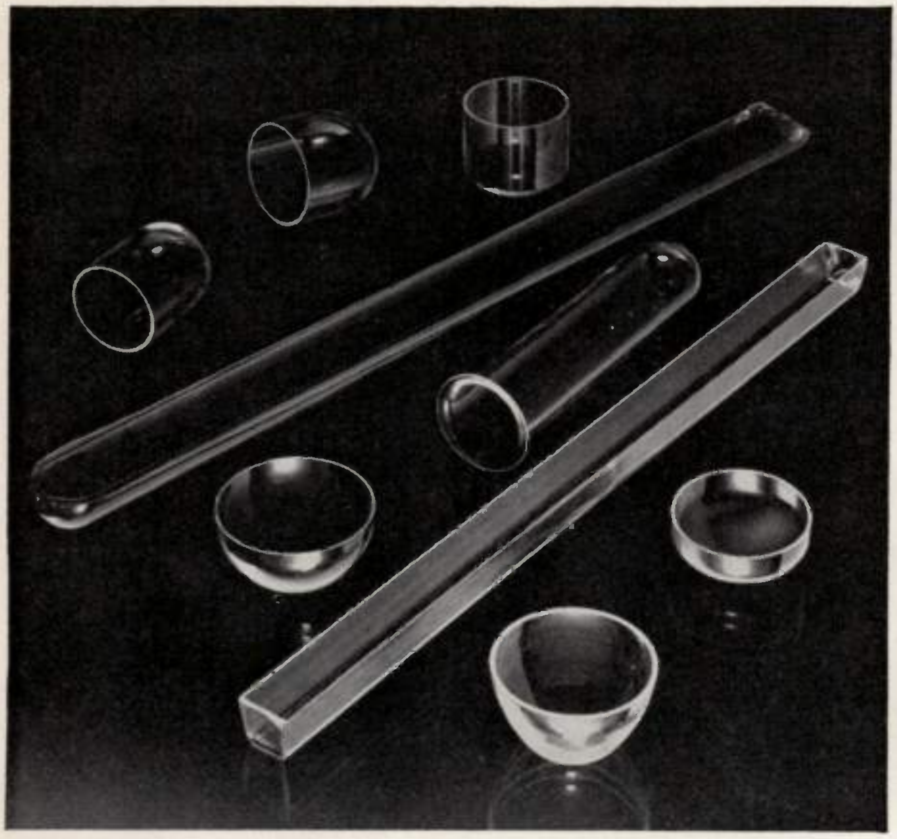
Standard CABINET COMPANY INC.

MEMBER . ENVIRONMENTAL EQUIPMENT INSTITUTE

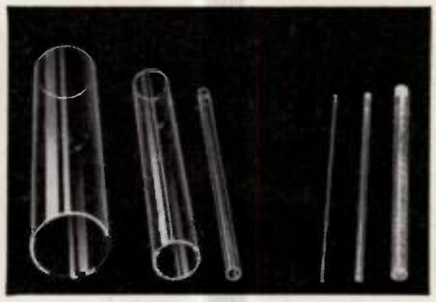
57 WASHINGTON AVENUE, CARLSTADT, N. J.

GENERAL ELECTRIC

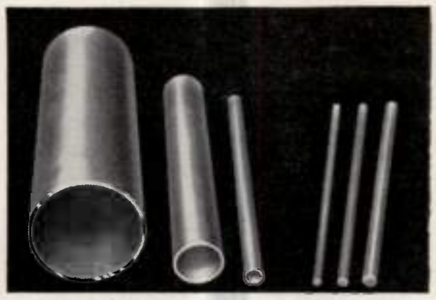
Fused Quartz



FUSED QUARTZ COMPONENTS of high purity—*in stock* from a single source. Wide variety of semi-conductor grade crucibles, boats, test tubes and furnace tubes.



CLEAR TUBING AND ROD—Can be secured from stock in a complete range of sizes—special sizes also available to meet your exact specifications.



TRANSLUCENT TUBING AND ROD—*In stock* for immediate delivery in a wide range of sizes. Available in random or cut lengths to fit your requirements.

INGOTS, PLATES AND DISCS—Rough-cut *or* ground and polished in diameters up to 18½". Lenses, windows, prisms supplied *in a wide range of sizes*—or finished to your needs.

GENERAL ELECTRIC MANUFACTURES AND STOCKS A COMPLETE RANGE OF:

- Standard Taper Joints
- Capillary Tubing
- Double Bore Tubing
- Ball and Socket Joints
- Precision Bore Tubing
- Combustion Tubes
- Laboratory Quartzware

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From MIL-W-16878 to our own specially developed vinyl control cables, PIW runs the gamut—a complete range of types and sizes of wire and multiconductor cable for electronic instrumentation, military and non-military application.

We say no one delivers faster than PIW, no one prices more competitively, and no one makes better wire at any price. Try us.

PIW

PHILADELPHIA INSULATED WIRE COMPANY
Moorestown, New Jersey
The Nation's Fastest Growing, Fastest Moving Wire-Insulators

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POWER SUPPLIES

Trans Electronics offers a wide variety of special application power supplies . . . regulated or unregulated, transistor or vacuum tube, variable or fixed, voltage regulated or current regulated.

Custom-built power supplies provided on special request. We welcome discussing the design and custom manufacture of special power supplies in accordance with your specifications.

REGULATED POWER SUPPLIES

MODEL	VOLTAGE RANGE	CURRENT MA	FILAMENT VOLTS/AMPS	METERS	WEIGHT LBS.	DIMENSIONS H" W" D"**	PRICE
RS 205A				No	6½	4⅞ x 4⅛ x 6 3/16	55.50
RSM 205A	150-225	0.50	6.3/3	No	6½	4¾ x 3⅜ x 10	55.50
*RSM 205A				No	6½	7 x 3⅜ x 10	65.00
RR 205A				No	8	3½ x 19 x 8	80.00
RM 205A				3½"	9	3½ x 19 x 8	115.00
RS 305A				No	6½	4⅞ x 4⅛ x 6 3/16	55.50
RSM 305A				No	6½	4¾ x 3⅜ x 10	55.50
*RSM 305A	225-325	0-50	6.3/3	No	6½	7 x 3⅜ x 10	65.00
RR 305A				No	8	3½ x 19 x 8	80.00
RM 305A				3½"	9	3½ x 19 x 8	115.00
RS 505				No	7½	5⅝ x 5½ x 7¼	81.50
RSM 505				No	7½	7¼ x 6¾ x 10	81.50
*RSM 505	300-500	0-50	6.3/3	No	7½		91.00
RR 505				No	9	5¼ x 19 x 8	106.50
RM 505				4½"	10	5¼ x 19 x 8	141.50
RS 217A				No	12½	6⅜ x 5½ x 7¼	87.50
RSM 217A				No	12½	8 x 6¾ x 10	87.50
*RSM 217A	150-225	0-175	6.3/8	No	12½	8 x 6¾ x 10	97.00
RR 217A				No	15	5¼ x 19 x 9	112.50
RM 217A				4½"	16	5¼ x 19 x 9	147.50
RS 317				No	12½	6⅜ x 5½ x 7¼	87.50
RSM 317				No	12½	8 x 6¾ x 10	87.50
*RSM 317	225-325	0-175	6.3/8	No	12½	8 x 6¾ x 10	97.00
RR 317				No	15	5¼ x 19 x 9	112.50
RM 317				4½"	16	5¼ x 19 x 9	147.50
RSM 450	+300-400		6.3/2	No	12	6½ x 6¾ x 10	130.50
*RSM 450	−300-400	0-50	6.3/1.5	No	12	8 x 6¾ x 10	140.00
RR 450	Dual Tracking		6.3/1.5	No		5¼ x 19 x 9	155.50
RM 450				4½"		5¼ x 19 x 9	196.00
RSM 473	+300-400		6.3/2	No	8	6½ x 3⅜ x 10	115.00
*RSM 473	−300-400	0-25	6.3/1.5	No	8	7 x 3⅜ x 10	124.50
RR 473	Dual Tracking		6.3/1.5	No		3½ x 19 x 8	140.00
RM 473				4½"		3½ x 19 x 8	175.00
RS 410A				No.	12½	6⅜ x 5½ x 7¼	105.00
RSM 410A				No.	12½	8 x 6¾ x 10	105.00
*RSM 410A	400-550	0-100	6.3/8	No.	12½		114.50
RR 410A				No.	15	5¼ x 19 x 9	130.00
RM 410A				4½"	16	5¼ x 19 x 9	165.00
RS 110				No	7½	5⅝ x 5½ x 7¼	108.00
RSM 110				No	7½	7 x 6¾ x 10	108.00
*RSM 110	0-110	0-100	6.3/3	No	7½	7¼ x 10	117.50
RR 110				No	9	5¼ x 19 x 8	133.00
RM 110				4½"	10	5¼ x 19 x 8	169.00
RS 210				No	7½	5¼ x 5½ x 7¼	77.50
RSM 210				No	7½	7 x 6¾ x 10	77.50
*RSM 210	100-200	0-100	6.3/3	No	7½	7 x 6¾ x 10	87.00
RR 210				No	9	5¼ x 19 x 8	102.50
RM 210				4½"	10		137.50
RR 303	0-300	0-500	6.3/15	No	45	5¼ x 19 x 14¼	320.00
RM 303	0-300	0-500	6.3/15	3½"	46	5¼ x 19 x 14¼	360.00
RR 550	300-500	0-500	6.3/15	No	45	5¼ x 19 x 14¼	310.00
RM 550	300-500	0-500	6.3/15	3½"	46	5¼ x 19 x 14¼	350.00

RS Modular Construction
RSM Flate Plate Mounting without Bottom Cover
**RSM Flate Plate Mounting with Bottom Cover*
RR Rack Mounted
RM Rack Mounted/Meters
***Barrier strip extends ½ inch on all RS Models*

Polarity: Either positive or negative terminal may be grounded.

Input Voltage: 105-125 VAC 55 to 400 CPS

Internal Impedance: Less than 1 ohm

Regulation: Line 0.1%; Load 0.1%; Except Models 205A and 305A Line 0.05%; Load 0.05%; Model 505 Line 0.02%; Load 0.20%; Model 210 Line 0.15%; Load 0.15%; Models 450 and 473 Line 0.02%; Load 0.03%.

Ripple & Noise: 7 MV PP except Models 205A and 305A 5 MV PP; Models 303 and 550 1.5 MV RMS Model 110 3 MV PP.

Recovery Time: Less than 25 microseconds except Models 205A and 305A 25 to 50 microseconds: Model 505 less than 50 microseconds: Model 110 less than 50 MV No Load to Full Load: Model 210 less than 30 microseconds.

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ANDREW

Production scenes


Applying insulation to inner conductor


Take up of cable core


Splice welding strip stock


Forming and welding outer conductor over cable core

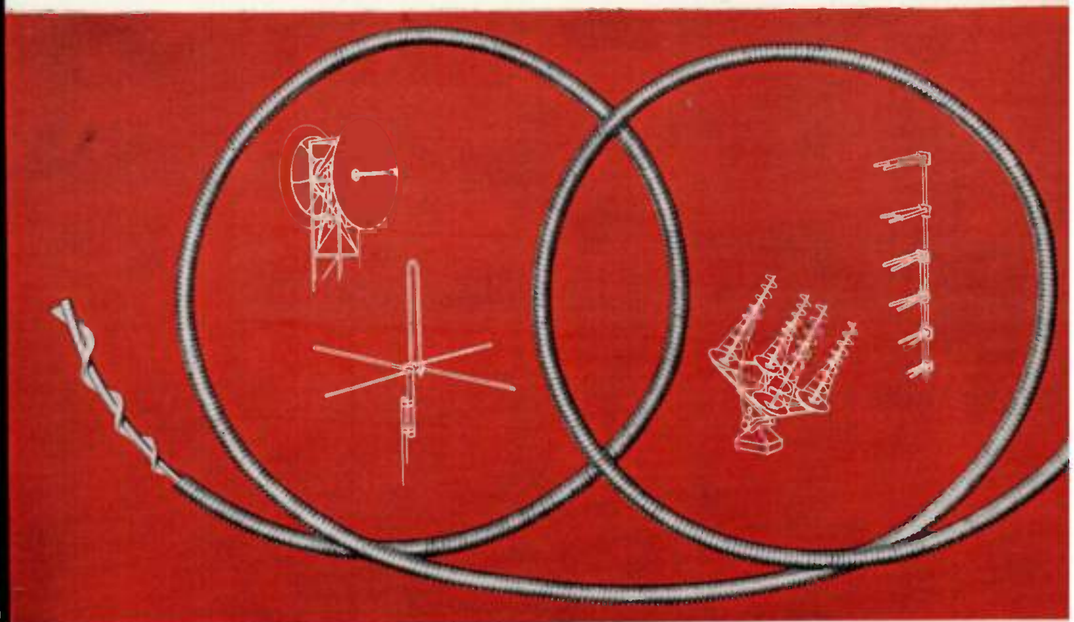

Corrugating outer conductor


Final cable assembly

HELIAX

THE FLEXIBLE AIR DIELECTRIC CABLE

meets every communication requirement



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Produced in the new ANDREW plant facilities, HELIAX is the flexible, low loss, low VSWR coaxial cable for use in all applications from VLF through microwave.

The production cycle in which the copper sheet stock is formed around the cable core, welded and corrugated on a continuous basis is depicted in the film strip. Rolled sheet stock provides considerably closer tolerance tubing than is possible by extrusion or other methods.

HELIAX is the *only flexible* air dielectric cable. This flexibility is imparted by the unique, continuous helical corrugated construction. Bending torque required is about one-half that required for straight wall aluminum or copper tubing of the same size.

HELIAX has the greatest resistance to crushing or kinking. Again this is due to its unique construction. Resistance to physical damage from crushing or kinking forces is about twice that of conventional aluminum or copper cables of comparable size.

HELIAX is the only U. S. produced air dielectric coaxial cable capable of being manufactured in continuous lengths. Critical applications need no longer depend on splicing 1,000 feet or shorter lengths to make up a long cable run.

STANDARD SIZES AND TYPE NUMBERS

SIZE	IMPEDANCE	TYPE NO.
3/8	50	H3-50
7/8	50	H5-50
7/8	75	H5-75
7/8	100	HT5-100
1 5/8	50	H7-50
1 5/8	75	H7-75
1 5/8	100	H7-100
3 1/8	50	H2-50
3 1/8	75	H2-75

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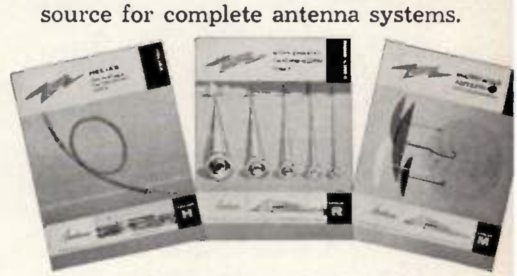

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ARCO capacitors for ALL circuit applications

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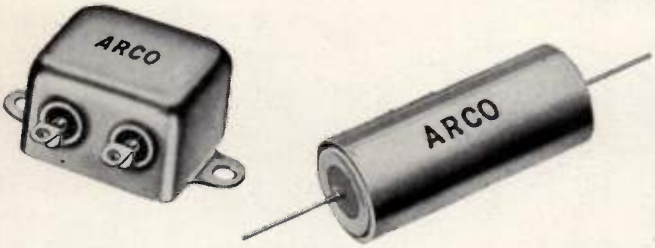
PFC DIVISION



1. **HIGH INSULATION RESISTANCE:** 100 and 200VDCW — 10^5 megohm-microfarads min. 400VDCW & up — 10^6 megohm-microfarads min.
2. **HIGH STABILITY:** ±0.1% maximum drift long term under full rated operating conditions.
3. **LOW DIELECTRIC ABSORPTION:** .05% max.
4. **LOW DISSIPATION FACTOR:** 0.02% max. at 25°C. 0.04% max. at 85°C.
5. **GUARANTEED TEMPERATURE COEFFICIENT:** Specified with tolerances as close as ±6 ppm/°C.
6. **TOLERANCE:** As low as ±0.1%.

All units are tested 100% for voltage, tolerance, insulation resistance, and dissipation factor. In addition, all capacitors are subjected to an accelerated life test to guarantee high reliability. Arco polystyrenes are available either in hermetically sealed non-magnetic enclosures with compression glass seals or in space saving and economical polystyrene jackets.

Arco polystyrene capacitors are ideally suited for use in R C Networks, Timing Circuits, Servo and Test Equipment, Precision Filters, Resonant Circuits, Analog Computers and specialized applications requiring the utmost in performance characteristics.

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Complete set of 32 Precision Standards including every integral value from 0001 to 0.5 mfd., plus 4 position adapter, and handsome, durable carrying case. Dimensions: (12¾ w x 11½ h x 4⅞ d).

Approved and now being used by the Air Force and Army in their calibration centers and laboratories. All units 100% calibrated directly against National Bureau of Standards certified primary standards.

- ±0.1% TOLERANCE
- 50% reduction in size
- 5 to 10 times the accuracy of the best decade boxes
- Reduces reading errors to almost zero
- Lower in cost
- Every integral value available

Arco miniaturized standards are also individually available for use in timing circuits, filter networks, analogs, gyro and servo systems or in any critical circuitry where the ability to plug-in precise capacitance values is advantageous. Special capacitance standards made to order.

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In addition to our regular product lines, Arco manufactures a wide variety of special capacitor products to meet specific applications. Most of these call for components with closely controlled characteristics and a high order of overall performance. A variety of manufacturers requiring precision capacitors for use in highly specialized missile applications have been supplied with polystyrene dielectric capacitors that exceeded their original performance specifications. Complete data on these stringent specifications is available on request.

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ELECTROLYTIC DIVISION

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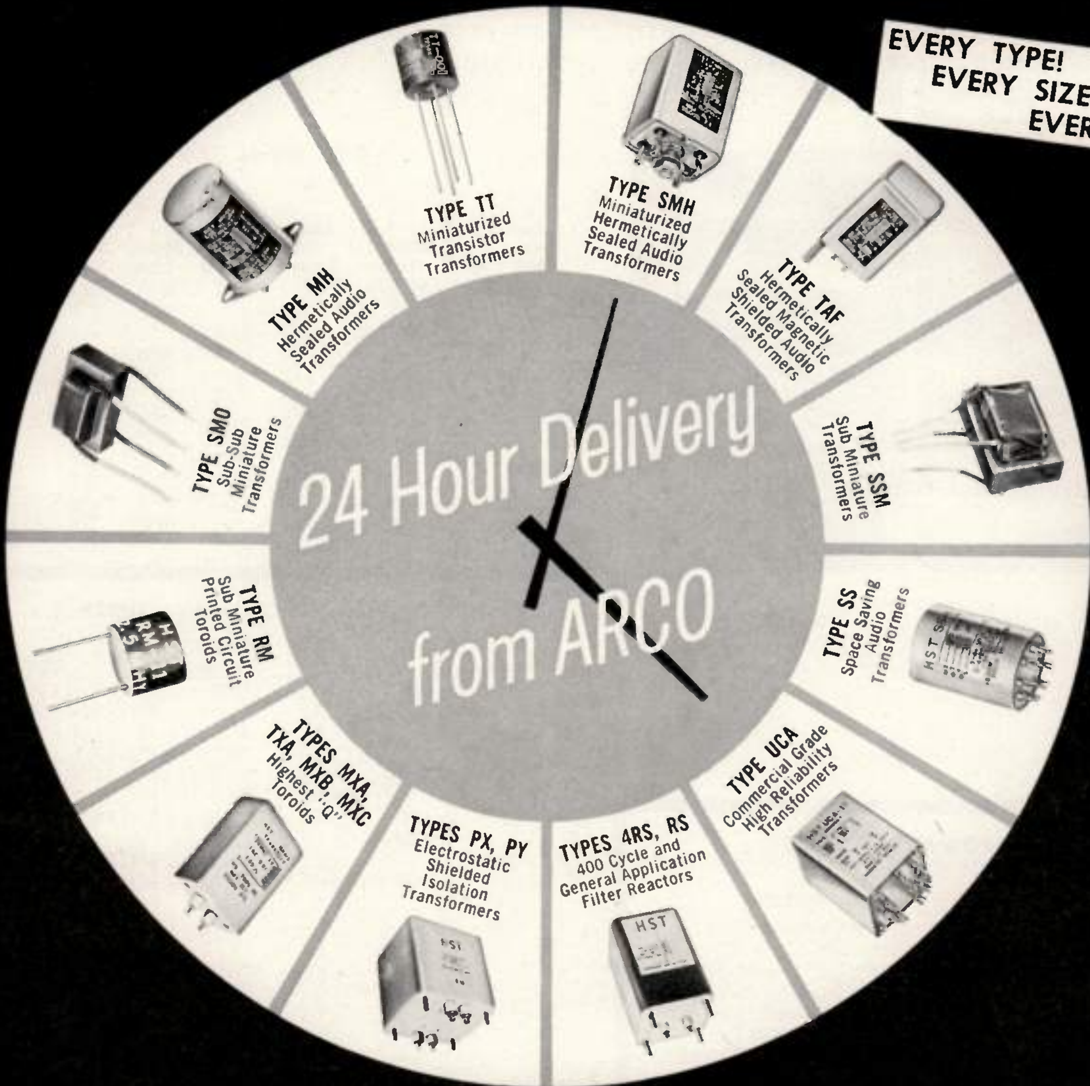

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Bendix Craftsmanship at work for you

BENDIX ELECTRON TUBES THAT

The Bendix® electron tubes listed on these two pages are a representation (by no means complete) of the special-purpose tubes we make. We produce many other tubes—particularly gas noise source and spark gap types. Also, we make a HY-G-500® line of metal ceramic receiving tubes. If the tube you need does not already exist, we can provide it through our extensive design facilities and production experience. Write to us at Eatontown, New Jersey, for a complete, up-to-date list of Bendix electron tubes.

GAS NOISE SOURCE TUBES

Frequency Range KMC	Band	Waveguide Number	Bendix Type Number	EIA Type Number	Mount Type	Recommended Mode of Operation	Anode Current MA	Tube Drop Volts	Tube Excess Noise Ratio DB
1.12-1.70	L	RG-69/U	TD-21	6881	90°H	D.C.	250	65	15.2
			TD-29	7101	90°H	A.C. & D.C.	250	130	18.0
2.6-3.95	S	RG-48/U	TD-12	6358	10°E	D.C.	250	80	15.2
			TD-22	6782	90°H	A.C. & D.C.	250	45	15.2
3.30-4.90	S	WR-229	TD-24	6852	10°E	A.C. & D.C.	250	65	15.2
3.95-5.85	C	RG-49/U	TD-10	6356	10°E	D.C.	250	70	15.2
5.85-8.20	X	RG-50/U	TD-10	6356	10°E	D.C.	250	70	15.2
8.20-12.40	X	RG-52/U	TD-11	6357	10°E	D.C.	200	75	15.2
			TD-23	6882	10°E	D.C.	200	115	18.0
12.4-18.00	KU	RG-91/U	TD-18	6684	10°E	D.C.	200	70	15.2
18.0-26.5	K	RG-53/U	TD-13	6359	10°E	D.C.	200	65	15.2
26.5-40.0	Ka	RG-96/U	RXB-103251		10°E	D.C.	125	130	15.2

MICROWAVE TUBES

EIA Type No.	JAN Type No.	BAND	BENDIX Type No.	DESCRIPTION
2K50	2K50	K	TK-4	REFLEX KLYSTRON
6116	6116	X	TK-62	REFLEX KLYSTRON
6541		K	TK-30	REFLEX KLYSTRON
6584		C	TK-38	REFLEX KLYSTRON
		Ka	TK-37	REFLEX KLYSTRON (SRV-38)
		Ka	TK-53	REFLEX KLYSTRON
6845	6845 (US Navy)	X	TK-59	REFLEX KLYSTRON
6940		X	TK-58	REFLEX KLYSTRON
		K	TK-60	REFLEX KLYSTRON
		X	TK-61	REFLEX KLYSTRON
6584		C	TK-69	REFLEX KLYSTRON
		Ka	TK-78	REFLEX KLYSTRON (SRV-38)
		V	TWO-82	BACKWARD-WAVE OSCILLATOR
		C	RXB-103401	TRAVELING-WAVE TUBE AMPLIFIER
		V	TWO-83	BACKWARD-WAVE OSCILLATOR
		V	TWO-75	BACKWARD-WAVE OSCILLATOR
		V	TWO-85	BACKWARD-WAVE OSCILLATOR
		E	TWO-90	BACKWARD-WAVE OSCILLATOR

MICROWAVE DEVICES

BENDIX Type No.	BAND	DESCRIPTION
TN-1	X	Miniature Noise Generator, 8.5-9.6 KMC, Noise Source-in-Mount, Waveguide Connections, Transmission Type.
TN-2	X	Miniature Noise Generator, 8.5-9.6 KMC, Noise Source-in-Mount, Waveguide Connections, Terminated Type.
TN-3	S	Miniature Noise Generator, 2.7-2.9 KMC, Noise Source-in-Mount, Waveguide Connections, Terminated Type.
TFA-1	C	Attenuator, Electrically Variable, Ferrite Device, Coaxial Connections.
TFC-1	C	Y-Circulator, Ferrite Device, Coaxial Connections.
TFP-1	C	Phase Shifter, Electrically Variable, Ferrite Device, Coaxial Connections.

SPARK GAPS

Type No.	DC Break-down KV	Initial Pulse Break-down KV	Repetitive Pulse Break-down KV	Watts Maximum Dissipation	Peak Discharge Watt-Second	Fault Surge Current Amps	Isotope Stabilization	Initial Equipment Usage	Configuration
TG-25	0.400			3	2		Yes	Safety	1
TG-26	0.75			5	2	1000	Yes	Safety	2
TG-27	1.0			5	5	1000	Yes	Safety	2
TG-30	2.0	3.0	2.7	5	14	2000	Yes	Safety	2
TG-34	5.0	8.5	5.5	5	19	3000	Yes	Safety	2
TG-37	10.0	20.0	15.0	5	22	4000	Yes	Safety	2
TG-56	20.0	23.0		7.5	30	5000	Yes	Safety	4
TG-60	50.0			7.5	50	6000	Yes	Safety	4

 ➧ TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

MEET CRITICAL DESIGN NEEDS

SPECIAL-PURPOSE GAS TUBES

EIA Type No.	JAN Type No.	BENDIX Type No.	DESCRIPTION
5643	5643	TD-17	SUBMINIATURE XENON THYRATRON
5947		TT-2	TEMPERATURE-LIMITED DIODE
5960		TD-1	COLD CATHODE DISCHARGE
		TD-45	COLD CATHODE DISCHARGE
		TD-28	COLD CATHODE TETRODE THYRATRON
6142		TD-9A	GAS DIODE VOLTAGE REGULATOR
		TD-19	GAS DIODE VOLTAGE REGULATOR
7414		TD-70	TIME TOTALIZER
5787WA	5787WA	TD-61	VOLTAGE REGULATOR
6542		TD-68	VOLTAGE REGULATOR
6144		TT-1	NOISE DIODE
6352		TT-29	SUBMINIATURE TEMP-LIMITED DUAL-DIODE
6361		TT-25	SINGLE CONVECTRON
5845		TT-30	MINIATURE TEMPERATURE-LIMITED DIODE
5783WA	5783WA	TD-65	VOLTAGE REGULATOR

HY-G-300® RECEIVING TUBES

(Reliable, hard glass, ceramic spacers, 300°C. Bulb Temperature Rating)

EIA Type No.	JAN Type No.	PROTO-TYPE	BENDIX Type No.	DESCRIPTION
6080WB		6AS7	TE-46	TWIN TRIODE
6082A		6082	TE-55	TWIN TRIODE
6094	6094	6AQ5/ 6005/ 6095	TE-18	MINIATURE AMPLIFIER
6384	6384	6AR6/ 6098	TE-27	AMPLIFIER, Beam power
6754		412A	TE-36	RECTIFIER, Full-wave
6877		½ 6080	TE-48	MINIATURE TRIODE
6889		Top Cap 6384	TE-52	AMPLIFIER, Beam power
6900		5687	TE-54	MINIATURE TWIN TRIODE
7403		3D21	TE-74	PULSE MODULATOR
		3D21B	TE-56	AMPLIFIER, Beam power
7757		6094	TE-81	MIN. AMPLIFIER, High voltage

COMPUTER TUBES

EIA Type No.	JAN Type No.	PROTO-TYPE	BENDIX Type No.	DESCRIPTION
6888		7AK7	TE-40	GATED PENTODE

For further information on electron tubes in these categories, or for special engineering design assistance, write today:

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PALO ALTO, CALIFORNIA

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Depending on the instruments' basic configuration, you can mount them in modules of one, two or three per rack width, or stack and nest them neatly on your bench.

Now the ultimate in physical convenience and versatility is mated with traditional hp accuracy, dependability and long service life.

Many new hp instruments in this catalog are offered in this remarkable packaging. Other instruments now in development will also use it.

Here's a real saving of bench or rack space, plus the pleasure of light weight and easy access.

Complete coverage—easy-to-use, versatile

hp 185B with 187B

DC to 1,000 MC

- Measuring ease for nanosecond region
- Bright, clear 5″ scope trace, even at low repetition rates
- Less than 0.4 nanosecond rise time

Here's fatigue-free viewing of repetitive short pulses requiring a bandwidth up to 1,000 MC. With the hp 185B Sampling Oscilloscope, the 3 db point is beyond 800 MC, rise time less than 0.4 nsec. hp 187B Dual Trace Amplifier permits comparison of two high-speed phenomena simultaneously for highly accurate time measurements Vertical sensitivity 10 mv/cm to 200 mv/cm, vernier to 3 mv/cm. Dynamic range, 3 mv to 2 v peak 100,000 ohm probes minimize circuit loading. Horizontal sweep 0.1 nsec/cm (with expander) to 10 μsec/cm. Delayed sync pulse available on front panel for triggering circuits under test. X-Y recorder output, time and amplitude calibrators, beam finder. hp 185B, $2,300.00; hp 187B, $1,000.00.

hp 185B Oscilloscope Accessories for Maximum Flexibility

hp 185A-76A

hp 187B-76E

hp 187A-76B

hp 187A-76D

hp 185A-21F

hp AC-16V

hp 187A-76C

Overall versatility of the 185B Oscilloscope and 187B Dual Trace Amplifier is increased with a wide variety of accessories. In addition to the 185A-21A Sync Probe furnished with the scope, 4 divider probes are available: 185A-21C, D, E and F have division ratios (when terminated by 50 ohms) of 5, 10, 50 and 100 to 1 respectively, $40.00 each. Two hp 187A-76A BNC adapters are furnished with the 187B, permit connection to BNC fittings, $8.00 each additional adapter. hp 187A-76B Type N connector is a straight-through connection, $10.00. hp 187A-76C 10:1 Divider, permits viewing of signals as large as 20 v peak-to-peak, $40.00. hp 187A-76D Blocking Capacitor permits observation of signals ± 600 v from ground, $3.50. hp 187B-76E 50-ohm T connector permits scope probe to monitor signal on a 50-ohm transmission line, may be used to terminate the line in its characteristic impedance while observing the signal with the scope, $35.00. hp AC-16V Delay Line, $200.00, bandpass 1 GC, delay 120 ns, and hp 185A-76A Sync Take-off, $50.00, permits 185B scope to be synchronized from signal to be viewed. hp 908A 50-ohm Coaxial Termination, SWR 1.05 or less, dc to 4,000 MC. $35.00.

Or Meet Your Requirements With These Other

hp 130B/BR
DC to 300 KC

hp 130B/BR combine big scope performance with 1 mv sensitivity and the convenience of "universal" automatic trigger. Models 130B/BR have similar horizontal and vertical amplifiers with sensitivity 1 mv/cm to 125 v/cm. Input circuits balanced on 6 most sensitive ranges; sweeps 1 μsec/cm to 12.5 sec/cm, triggers from signal, line or external voltage. Includes x5 magnifier for all internal sweeps increasing fastest sweep time to 0.2 μsec/cm. hp 130B (cabinet) or 130BR (rack) $650.00.

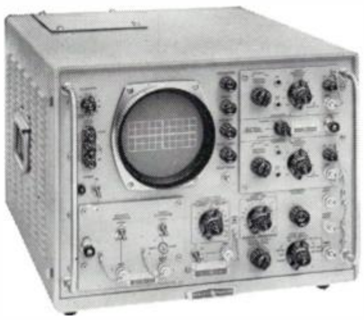
hp 122A/AR
Dual Trace

Model 122A/AR is a dual trace, 200 KC oscilloscope providing two separate traces for simultaneous study; single trace when desired. Twin vertical amplifiers, alternate and chopped presentation, differential input, automatic syncing and x5 sweep expansion. 15 calibrated sweeps; vernier extends slow sweep to 0.5 sec/cm, expander extends fast sweep to 1 μsec/cm. Sensitivity 10 mv/cm to 100 v/cm. Horizontal amplifier sensitivity 0.1 v/cm to 100 v/cm. hp 122A (cabinet) or 122AR (rack mount), $675.00.

hp 120A/AR
DC to 200 KC

Ideal for industrial or production line work as well as daily lab jobs, Model 120A/AR has the hp universal trigger circuit, 15 calibrated sweeps in 1-2-5 sequence, sweep speeds 5 μsec/cm to 0.5 sec/cm, "times-5" sweep expansion on all ranges, high sensitivity calibrated vertical amplifier. Compact Model 120AR is only 7″ high. Utmost dependability, rugged construction. hp 120A (cabinet) or 120AR (rack). $450.00.

"BIG SCREEN" oscilloscopes, DC to 1,000 MC



170A with 162A, 166A plug-ins

DC to 15 MC; DC to 30 MC

- Militarized for rugged dependability
- Dual plug-in versatility
- Conventional controls for ease of operation

hp 160B, dc to 15 MC, and hp 170A, dc to 30 MC, are militarized oscilloscopes offering rugged dependability under a wide range of environmental conditions. Dual plug-in system increases their versatility, yet saves you from buying instrumentation you do not need. Conventional controls insure ease of operation. Premium components, careful design and construction guided by exacting MIL specifications assure long life. 24 calibrated sweep times, 0.1 μsec/cm to 5 sec/cm, ±3% accuracy. 7 step magnifier increases fastest sweep to 0.02 μsec/cm. Internal, line voltage or external trigger, horizontal sensitivity 0.1 v/cm to 10 v/cm; vernier to 25 v/cm. hp 160B, $1,850.00 (cabinet or rack mount); hp 170A, $2,150.00 (cabinet or rack mount). Vertical plug-in required.

Multi-Purpose Plug-in Versatility for Your 160B/170A Scopes

hp 162A Dual Trace Amplifier permits viewing two phenomena simultaneously. Sensitivity to 20 mv/cm. Offers differential input for common mode rejection. $350.00.

hp 162D High Gain Amplifier provides 5 mv/cm sensitivity with differential input for high common mode rejection. $225.00.

hp 162F Fast Rise Preamplifier offers 12 nsec rise time and dc to 30 MC bandpass (3 db points) with 170A, 23 nsec rise time and dc to 15 MC bandpass with 160B. Sensitivity, 50 mv/cm. $145.00.

hp 166B Time Mark Generator permits easy time measurements by providing intensity modulated time markers on 160B/170A scope trace. Range, 10 μsec, 1 μsec, and 0.1 μsec intervals, accuracy ± 0.5%. $130.00.

hp 166C Display Scanner provides output to duplicate on X-Y recorder any repetitive wave appearing on 160B/170A CRT trace. Resolution with permanent records higher than CRT or a photograph. $300.00.

hp 166D Sweep Delay Generator allows you to make detailed examinations of complex signals or pulse trains. Permits viewing expanded waveform segment while still retaining presentation of earlier portions of the waveform. Delay time 1 μsec to 10 sec; delaying sweep, 2 μsec/cm to 1 sec/cm in 1, 2, 5 and 10 sequence, 18 calibrated ranges. Delayed length, 0 to 10 cm. $325.00.

Bench-Proven hp Oscilloscopes, Accessories

hp 150A DC to 10 MC

The hp 150A Oscilloscope offers sweep rate 0.02 μsec/cm to 15 sec/cm, 24 sweeps 0.1 μsec/cm to 5 sec/cm, 3% accuracy. Sweep magnifier, vernier, internal, line voltage or external triggering, $1,300.00. Plug-in accessories, which vastly increase the versatility of this scope include; hp 151B High Gain Amplifier, 5 mv/cm, dc to 10 mc, $200.00; hp 152B Dual Trace Amplifier, dc to 10 mc, $250.00; hp 153A High Gain Differential Amplifier, 1 mv/cm, $150.00; hp 154A Voltage/Current Amplifier, 5 mv/cm, 1 ma/cm, $430.00. Plug-in required.

hp 196A Oscilloscope Camera

This, the most convenient recording camera available, views full 10 cm graticule width, provides object-to-image size ratio 1 to 0.9 (1:1 optional). One-hand mounting, multiple picture setting, f-stop and shutter easily accessible while camera is mounted. Permits viewing image with both eyes while photographing. Uses Polaroid® Land Camera back. Wollensak 3" f/1.9 lens. 7 shutter speeds 1/100 to 1 sec. 9 lbs. $440.00.

hp AC-115B Oscilloscope Testmobile for hp scopes. 4" rubber tired wheels, heavy chrome tube construction, tilts scope to 30° in 7½° increments, folds for storage, shipping. $85.00.

hp AC-21 series probes available for use with hp scopes include AC-21A, 10:1 division, $30.00; AC-21C, 50:1 division, $30.00; hp AC-21F Current Probe, 1 mv/ma, $100.00; hp AC-21J Low Frequency Probe, $9.00.

-hp- Oscillators—0.008 to 10,000,000 cps

Hewlett-Packard now offers 13 high quality, fast and accurate oscillators, each an exceptional value and each engineered to do a specific job best. Each incorporates the famous resistance-capacity circuit pioneered by -hp-. This circuit makes possible instruments that are highly stable, wide range, compact and portable; instruments that are extremely simple to operate and require no tedious re-setting or adjustment during operation.

Instrument	Primary Uses	Frequency Range	Output	Price
-hp- 200AB	Audio tests	20 cps to 40 KC	1 watt/24.5 v	$165.00
-hp- 200CD	Subsonic through ultrasonic audio and ultrasonic tests	5 cps to 600 KC	160 mw or 10 v/600 ohms; 20 v open circuit	195.00
-hp- 200J	Interpolation, frequency measurements	6 cps to 6 KC	160 mw/10 v	350.00
-hp- 200SR	Driving -hp- 739AR Frequency Response Test Set	5 cps to 600 KC	3 v rms into 50 ohms	230.00
-hp- 200T	Telemetry, carrier current tests	250 cps to 100 KC	160 mw or 10 v/600 ohms; 20 v open circuit	500.00
-hp- 201C	High quality audio tests	20 cps to 20 KC	3 w or 42.5 v/600 ohms	250.00
-hp- 202A	Low frequency tests	0.008 to 1200 cps	28 mw or 30 v p-p/4000 ohms	550.00△
-hp- 202C	Servo equipment tests, measurements	1 cps to 100 KC	160 mw or 10 v/600 ohms	300.00
-hp- 204B	Reliable audio work in lab or field, battery powered	5 cps to 500 KC	10 mw (2.5 v rms) into 600 ohms; 5 v rms open circuit	275.00
-hp- 205AG	High power audio tests, gain measurements	20 cps to 20 KC	5 watts	600.00△
-hp- 206A	High quality, high accuracy audio tests	20 cps to 20 KC	+ 15 dbm	800.00△
-hp- 233A	Carrier oscillator—current tests	50 cps to 500 KC	3 w/600 ohms	650.00
-hp- 650A	Wide range video tests	10 cps to 10 MC	15 mw/3 v	550.00△

△ Rack mounted instruments $15.00 less.

NEW! -hp- 204B Portable Oscillator

Use it on the bench—carry it *anywhere!* This new portable oscillator is fully transistorized, battery or optional AC operation. Internal heat is small; warmup drift is negligible. Output is fully floating, isolated from both power line ground and chassis. Balanced and unbalanced loads, and loads referenced either above or below ground, can be driven by this versatile oscillator. Low impedance circuits drive the 600 ohm output, effectively isolating the oscillator stage; 204B maintains excellent frequency stability even with rapidly changing loads. Output is flat within ± 3% at all settings of dial and range switch. Designed in the new -hp- instrument module packaging. AC operation optional at extra cost. -hp- 204B, with batteries, $275.00.

-hp- 200CD Audio Oscillator

This wide range oscillator, 5 cps to 600 KC, spans the range from sub-sonic to radio frequencies, covered in five overlapping decade bands. Accurate frequency setting on the large easy-to-read dial is provided by 85 dial divisions. Distortion rating is less than 0.5% below 500 KC. Output waveform purity is independent of load. -hp- 200 CD, $195.00.

-hp- 200AB Audio Oscillator

Useful for audio tests, the versatile -hp- 200AB Oscillator covers its range, 20 cps to 40 KC, in four overlapping bands. Like the -hp- 200CD it has highest stability and accurate tuning circuits. Low impedance operating levels plus superior insulation guarantee long years of trouble-free dependability. Operation is simple; just three controls; no zero setting necessary. -hp- 200AB, $165.00.

-hp- 202A Function Generator

Multi-purpose source of transient-free test voltages from 0.008 cps to 1,200 cps. Continuously variable through 5 bands; offers exceptional stability (within 1%) and distortion less than 1% to 100 cps. Sine, square or triangular waves may be selected by a front panel switch; the 30 volt peak-to-peak output is constant for all wave forms and over full frequency range. -hp- 202A, $550.00△.

-hp- 650A Test Oscillator

Covering 10 cps to 10 MC, -hp- 650A is a highly stable, wide band instrument for audio, supersonic, video and rf measurements. Output is flat within 1 db full range; voltage range is 0.00003 to 3 v. In addition to 600 ohm impedance, voltage divider provides a 6 ohm impedance. Distortion less than 1% to 100 KC. $550.00△.

-hp- 201C Audio Oscillator

This high power oscillator offers an output of 3 watts or 42.5 v into 600 ohms over the frequency range 20 cps to 20 KC. Response is ± 1 db full range, attenuator adjusts output 0 to 40 db in 10 db steps, provides either low impedance or constant 600 ohm impedance. -hp- 201C, $250.00 (cabinet), -hp- 201CR, $255.00 (rack mount).

-hp- 202C Low Frequency Oscillator

Providing excellent waveform throughout its broad frequency range, 1 cps to 100 KC, the -hp- 202C is especially convenient for measurements in the subsonic, audio and ultrasonic regions. Distortion less than 0.5%, hum voltage less than 0.1%, short recovery time < 5 sec. at 1 cps. -hp- 202C. $300.00 (cabinet), -hp- 202CR, $305.00 (rack mount).

Distortion, Wave Form Analyzers - 20 cps to 50 KC

302A Wave Analyzer

Instrument	Primary Uses	Frequency Range	Characteristics	Price
-hp- 302A	Wave form analysis	20 cps to 50 KC	Direct reading, no calibration needed	$1,800.00△
-hp- 330B	Measures total audio distortion	20 cps to 20 KC	Includes input amplifier, VTVM	450.00△
-hp- 330C	For AM, FM broadcast measurements	20 cps to 20 KC	Special VU meter to meet F.C.C. requirements	475.00△
-hp- 330D	For AM, FM broadcast measurements	20 cps to 20 KC	AM detector and VU meter to meet F.C.C. requirements	525.00△

△ Rack mounted instruments $15.00 less.

Completely transistorized, advanced instrument provides direct, accurate wave component measurement without calibration or stabilization. Relative or absolute measurements from 20 cps to 50 KC, hum free, needs no warmup, very sharp acceptance circuits plus AFC. May be battery operated (18 to 28 volts). $1,800.00△.

NEW! AC-97C Sweep Drive

AC-97C motor accessory converts 302A to a sweep oscillator-tuned voltmeter for automatic frequency response measurements. Mounts on 302A or adjustable bench stand. Sweeps all or any part of the 302A range automatically; has fast sweep for covering frequency spectrum rapidly, slow sweep for high resolution plot. AC-97C, $275.00.

Pulse, Square Wave and Digital Delay Generators

218AR Digital Delay Generator

218AR is ideally suited for pulse simulation and time measurement in radar, loran, pulse code systems, etc. Suitable for military use, it provides two precision time intervals or pulse delays, independently adjustable from 1 to 10,000 μsec in 1-μsec steps. Intervals may be initiated either internally, 10 cps to 10 KC, or externally, 0 cps to 10 KC. Accuracy is ± 0.1 μsec ± 0.001% of the selected value; total jitter does not exceed 0.02 μsec. Sync pulse, timing comb output provided. For maximum versatility and simplicity, output pulses are generated in the 219 series plug-in drawer units, shown below. 218AR, $2,000.00.

Plug-ins Increase Versatility of 218AR

219A Dual Trigger Unit. Supplies positive trigger pulses, 50 volts, 0.1 μsec rise time from 50-ohm source. Pulse A at T_0 or T_1 as selected by switch, Pulse B at T_2. $100.00.

219B Dual Pulse Unit. Produces two high-power positive or negative pulses, continuously adjustable from 0.2 to 5 μsec and from 0 to 50 volts. Leading edge can be set for start or end of selected time interval. $450.

219C Digital Pulse Duration Unit. Produces high-power output pulse with digitally controlled delay and duration. Pulse available in both polarities at once; continually adjustable from 0 to 15 volts from 90-ohm source, 0 to 90 volts from 500-ohm source. $350.00.

219A

219B

219C

211A Square Wave Generator

Here is a versatile, wide-range instrument especially designed for testing video and audio amplifiers, networks and oscilloscopes, for modulating signal generators and measuring time constants. Model 211A, 1 cps to 1 MC, offers simple control of electronic switches, is convenient for indicating phase shift, frequency response, transient effects or deflection polarity. Two separate outputs: 3.5 v peak into 75-ohm impedance circuit for TV measurement, and 27 v peak into 600-ohms for high level work; output amplitudes independently controlled. Operates free-running or externally synchronized with positive-going pulse or sine wave of 5 v minimum amplitude. 211A, $325.00 (cabinet); 211AR, $330.00 (rack mount).

212A Pulse Generator

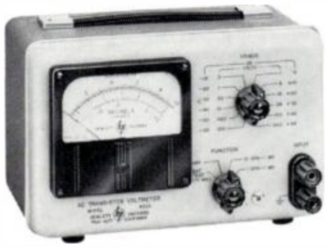
Popular 212A provides continuously variable, high-power positive or negative "fast pulses" of superior wave form: 0.02 μsec rise time and decay, "flat" top and minimum overshoot. Pulse lengths continuously variable 0.07 to 10 μsec, has direct reading pulse length control, provides pulses of 50 watts peak power. Low impedance permits delivery of accurate pulses over a long distance. Repetition rate is variable, 50 to 5,000 pps, controlled internally or externally. Synchronizing pulse available before or after output pulse. Especially useful in radar, TV and nuclear work. 212A, $600.00 (cabinet); 212AR, $585.00 (rack mount).

-hp- Complete Selection of Precision, Easy-to-Use

-hp- 405BR/CR Automatic DC Digital Voltmeter

Automatic range and polarity selection give you literally "touch and read" measuring convenience. Covers 0.001 v to 1,000 v, accuracy $\pm 0.2\%$ of reading ± 1 count. Unique stability virtually eliminates jitter in the last digit. Floating input, analog-to-digital conversion and, with the 405CR, digital recorder output. Front-panel switch to hold ranges. Just 7" high. 405BR, \$850.00; 405CR, \$925.00.

-hp- 403A Transistorized AC Voltmeter



Battery-operated, portable, weighs less than 5 lbs., covers 1 cps to 1 MC, 100 μv to 300 v rms (max. full-scale sensitivity 1 mv). Also reads db direct, -72 to $+52$ db. Noise less than 3% of full scale (6% on lowest range). Accuracy $\pm 3\%$ to 500 KC, $\pm 5\%$ to 1 MC. Input impedance 2 megohms. 400 hours battery life, \$275.00.

-hp- 400D Vacuum Tube Voltmeter

Moderately priced precision vacuum tube voltmeter, offering high long-term stability. Covers 1 mv to 300 v full scale, 12 ranges, 10 cps to 4 MC. Accuracy $\pm 2\%$, 20 cps-1 MC, input impedance 10 megohms, \$250.00.

Instrument	Primary Uses	Frequency Range	Voltage or Current Range	Input Impedance	Price
-hp- 400D	Wide range ac measurements High sensitivity	10 cps to 4 MC	0.001 to 300 v 12 ranges	10 megohms 15 pf shunt	\$250.00
-hp- 400H	High accuracy wide range ac measurements	10 cps to 4 MC	0.001 to 300 v 12 ranges	10 megohms 15 pf shunt	325.00
-hp- 400L	Log voltages, linear db measurements	10 cps to 4 MC	0.001 to 300 v 12 ranges	10 megohms 15 pf shunt	325.00
-hp- 403A	Battery-operated portable; fast, accurate, hum-free ac measurements	1 cps to 1 MC	0.001 to 300 v 12 ranges	2 megohms 40, 20 pf shunt	275.00
-hp- 405	Direct voltage measurement. Automatic range, polarity	dc	0.001 v to 1,000 v (accuracy $\pm 0.2\%$ of reading ± 1 count)	11 megohms to dc	See left
-hp- 410B	Audio, rf, VHF measurements; dc voltages; resistances	dc; ac—20 cps to 700 MC	1.0 to 300 v 7 ranges	dc—122 megohms; ac—10 megohms/ 1.5 pf	245.00
-hp- 411A	Millivolt, db readings to kilomegacycle range	500 KC to 1 GC	10 mv to 10 v, 7 ranges	——	450.00
-hp- 412A	Precision voltage, current, resistance measurements	dc	1 mv to 1,000 v 1 μa to 1 amp	10 to 200 megohms, depending on range	400.00
-hp- 413A	dc null meter, dc voltmeter, amplifier	dc	1 mv to 1,000 v 13 ranges	10 to 200 megohms, depending on range	350.00
-hp- 425A	Read μv, $\mu\mu$a; 100 db amplifier; medical, biological, physical, chemical	dc voltages as 100 db amplifier	10 μv to 1 v 11 ranges	1 megohm $\pm 3\%$	500.00
-hp- 428A	Clip-on milliammeter eliminates direct connection, circuit loading	dc	3 ma to 1 amp, 6 ranges	——	500.00
-hp- 428B	Similar to 428A, wider range, recorder output for dc to 300 cps	dc on meter, dc to 300 cps on recorder	1 ma to 10 amps, 9 ranges	——	550.00
-hp- 456A	Current measurements on meters, scopes	60 cps to 4 MC	1 ma to 1 amp rms	——	190.00
-hp- 457A	ac-to-dc converter	50 cps to 500 KC	0 to 300 v rms 4 decade ranges	1 megohm 30 pf shunt	On req.
-hp- 738AR	Voltmeter Calibrator	dc pos. or neg. 400 cps sine wave	300 μv to 300 v	Works into 3 to 10 megohms	875.00
-hp- 739AR	Frequency response test set	300 KC* to 10 MC *(5 cps with -hp- 200SR)	3 v output	——	525.00

-hp- 456A AC Current Probe

Permits measurement of current on indicating meters such as -hp- 400 D/H/L or -hp- oscilloscopes. This current probe clamps *around* wire under test, needs no physical connection, does not load circuit. Range 1 ma to 1.5 amps peak, accuracy $\pm 1\%$ at 1 KC, response $\pm 2\%$, 100 cps to 3 MC, $\pm 5\%$, 60 cps to 4 MC, -3 db at greater than 20 MC, \$190.

-hp- 410B Vacuum Tube Voltmeter

This all-purpose voltmeter covers 1 to 300 v full scale, 20 cps to 700 MC, also serves as dc VTVM with 122 megohms input resistance, or ohmmeter covering 0.2 ohms to 500 megohms. Input capacity 1.5 pf, input impedance 10 megohms. \$245.00 (cabinet), \$265.00 (rack mount).

-hp- 457A AC-to-DC Converter

Now you can make high accuracy ac measurements to 500 KC with a dc digital voltmeter. -hp- 457A also can be used with -hp- 405CR Digital Voltmeter and -hp- 560 series Digital Recorders to provide permanent records in printed digital form. Covers 0 to 300 v rms in 4 decade ranges, 50 cps to 500 KC. Accuracy $\pm 0.3\%$ to 50 KC, $\pm 0.75\%$ to 500 KC, $\pm$ 1 mv. Input impedance 1 megohm. Price on request.

AC and DC Voltmeters, Ammeters, Ohmmeters

INDIVIDUALLY CALIBRATED VOLTMETERS at no increase in cost!

Now individual calibration of meter scales used in standard hp instruments gives you commercial instrument accuracy approaching that of lab standards! No longer are preprinted approximate scales used. What the voltage actually is — you read! With a servo system, *each* calibration line on *each* instrument is located precisely and *then* printed.

This new standard of hp accuracy assures you that *each* voltmeter scale is calibrated to meet the exact characteristics of its *individual* meter movement. Scale tracking error is eliminated, and you get improved performance at the same moderate price. Further, this calibration and inspection procedure automatically rejects faulty meter movements. Tracking characteristics of each meter movement are determined over its entire range, and rigid tolerance control assures optimum performance.

These are the first commercial voltmeters in which the meter tracking error is eliminated. Individually calibrated voltmeters are described below. With the meter that meets your requirement you are assured of improved performance, with this source of error eliminated — plus all the other advantages you expect in hp instruments: dependability, ruggedness, convenience. They're yours at no increase in cost. Individually calibrated meters are included on all hp voltmeters on this page and on the hp 428B clip-on DC Milliameter.

hp 411A 1 GC Millivoltmeter

Here's unique versatility in an rf voltmeter offering millivolt sensitivity and two easy-reading linear voltage scales in 1-to-3 ratio. Range 10 mv to 10 v full scale rms, 500 KC to 1 GC, usable indications to 4 GC! Also, db scale from −42 to +33 db for gain measurements. Five hp probe tips increase versatility. Galvanometer recorder output. hp photoelectric chopper gives noise-free, drift-free low voltage readings. $450.00.

hp 413A DC Null Voltmeter

New hp 413A is a null meter, dc voltmeter, amplifier in one versatile instrument. As a voltmeter, measures 1 mv to 1,000 v end scale, 13 ranges, 2% accuracy and virtually drift-free operation. Input impedance 10 to 200 megohms, depending on range. Input isolation allows operation 500 v dc or 130 v ac from ground. As amplifier, gain 0.001 to 1,000 in 13 steps. Low noise, high ac rejection. $350.

hp 400H/L Vacuum Tube Voltmeters

You get 1% accuracy with hp 400H, 1 mv to 300 v full scale, 12 ranges, 10 cps to 4 MC. Big 5" mirror scale. hp 400L has true logarithmic voltage scale, 5" linear db scale, accuracy 2% constant percentage of reading. Input impedance, both models, 10 megohms. In the 400L range switching in 10 db levels plus the 12 db scale provides the wide overlap desirable in decibel level measurements. hp 400H, $325.00; hp 400L, $325.00.

hp 425A DC Microvolt-Ammeter

High sensitivity, high stability microvolt meter; end scale voltages of 10 μv to 1 v in 11 ranges. Also reads currents of 10 $\mu\mu$a to 3 ma in 18 steps, 1-3-10 sequence. Accuracy ±3% on all ranges. Drift is less than 4 μv per day referred to input terminals. Input impedance 1 megohm ±3% on all voltage ranges. Also usable as a 100 db amplifier, up to 1 v out from signals as small as 10 μv, ac rejection at least 3 db at 0.2 cps and 60 db at 60 cps and above. $500.00.

hp 412A Precision Volt-Ohm-Ammeter

A precision multi-purpose instrument, the hp Model 412A measures dc voltage 1 millivolt to 1,000 volts full scale, 13 ranges. Accuracy ±1% full scale, all ranges. Measures currents 1 microampere to 1 ampere with ±2% accuracy, full scale (13 ranges). As an ohmmeter, Model 412A measures 0.02 ohms to 5,000 megohms. Extremely low noise and drift. Instrument also provides recorder output. hp 412A, $400.00.

hp 428A/B Clip-On DC Milliammeters

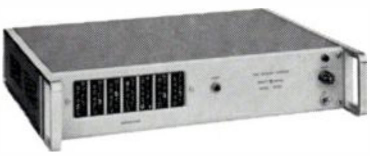
Radical approach to current measurements means no breaking leads, no dc connections, no soldering. "Current transformer" probe clamps *around* wire, measures by sampling magnetic field around the wire. Measures dc current in the presence of strong ac. hp 428A covers 3 ma to 1 amp, 6 ranges; hp 428B covers 1 ma to 10 amps, 9 ranges, has recorder output to measure from dc to 300 cps. Accuracy ±3%. hp 428A, $500.00; hp 428B, $550.00.

New hp Solid State Electronic Counters, Accessories

Continuous, non-blinking display
Faster repetitive counts
Solid-state dependability
Wide temperature range
BCD Output

These four new hp counters are solid state instruments with maximum counting rates of 300 KC or 1.2 MC and a choice of Nixie or new staggered columnar readouts. Unique display storage gives continuous readout of most recent measurement, even while instrument is gated for new count. Counter "inactive" time independent of gate time for higher sampling rate. 0.1 v sensitivity. Measures frequency, period, multiple period average, ratio. Input impedance 1 megohm.

Counter	Max. Counting Rate	Registration	Frequency Measurement			Period Measurement				Ratio Measurement			
			Range	Accuracy	Reads In	Range	Accuracy	Reads In	Periods Averaged	Reads	Range	Accuracy	Price
5212A	300 KC	5 digits columnar	2 cps to 300 KC	± 1 count ± time base accuracy	KC with positioned decimal	2 cps to 10 KC in single period; up to 300 KC in multiple period average	± 10 μs ± time base accuracy ± trigger error ÷ periods averaged	Milli-seconds with positioned decimal	1, 10, 10^2, 10^3, 10^4, 10^5	$(f_1 \div f_2)$ x period multiplier	f_1: 100 cps to 300 KC (1 v rms into 1,000 ohms) f_2: Same as period	± 1 count of f_1 ± trigger error of f_2	$ 975.00
5512A	300 KC	5 digits Nixie											1,175.00
5232A	1.2 MC	6 digits columnar	2 cps to 1.2 MC			2 cps to 10 KC in single period; up to 1 MC in multiple period average	± 1 μs ± time base accuracy ± trigger error ÷ periods averaged	Milliseconds and microseconds with positioned decimal			f_1: 100 cps to 1.2 MC (1 v rms into 500 ohms) f_2: Same as period		1,300.00
5532A	1.2 MC	6 digits Nixie											1,550.00



hp 5275A Time Interval Counter

New! 10 nanosecond resolution in automatic measurements of information previously unavailable in digital form. hp 5275A is ideal for measuring very short time intervals between events represented by suitable electrical pulses. Range 10 nsec to 0.1 sec. Accuracy ± 10 nsec ± time base accuracy. External 1 MC time base required. Input impedance 50 ohms. Price on request.

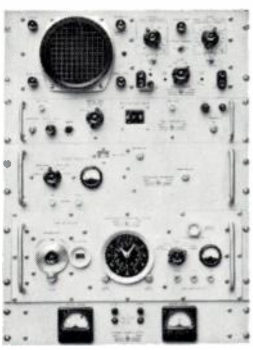
hp **101A 1 MC Oscillator,** designed specifically as a time base for hp 5275A Counters, offers low-cost versatility for many other applications. $5/10^8$ stability, output of 1 v min. into 50 ohm load. 100 KC output optional. hp 101A, $500.00.

New hp 562A Digital Recorder

New, solid-state digital recorder has data storage for each print wheel. Prints up to 5 lines/sec with 2 millisecond data transfer. Plug-in logic cards available to provide choice of input codes. Can accept input from two unsynchronized sources. hp 562A, 11-digit printer with six BCD (1-2-2-4) logic cards (12th print wheel, additional logic cards, analog output optional). $1,600.00 to $2,100.00, depending on options.

New hp 580A Digital-Analog Converter provides outputs for strip chart or X-Y recorders, both potentiometer and galvanometer types. Automatic zero-shift for "on-scale" records at all times; extremely high resolution, accuracy. hp 580A. Price on request.

New hp Frequency/Time Standard Systems, Components



120AR
114BR
103AR
113BR
725AR

5 parts in 10^{10}/day long term stability! 1 part in 10^{10} typical short term stability!*
New standards of spectral purity, accuracy, reliability!

Accuracy and extreme reliability are the outstanding features of these hp frequency/time standard systems, which include a frequency standard, frequency divider and clock and a standby power supply, in addition to a comparison device. A receiver and an oscilloscope are used to make time comparisons with hf signals broadcast from WWV and similar stations. A receiver and electronic counter are used for vlf comparisons. Suitable for shipboard, mobile and field as well as laboratory use, the transistorized systems are compact and rugged. They are suitable for satellite navigation systems, missile and satellite timing-tracking and single sideband communications.

*averaged over 1 sec intervals and under reasonably constant environmental conditions

New hp 103AR/104AR Quartz Oscillators

Long term stability, 5 parts in 10^{10}/day; typical short term stability, 1 part in 10^{10}/day averaged over 1 sec intervals. Provide 1 MC and 100 KC outputs. hp 104AR also provides 5 MC output of extreme spectral purity. hp 103AR, $2,500.00; hp 104AR, $3,250.00.

New hp 114BR Time Comparator

Used in conjunction with hp 113BR, allows time comparison to be made without changing clock setting, increases speed and flexibility. Time difference between standard time signal and 113BR tick can be resolved to ±10 μsec. hp 114BR $1,200.00.

hp 113BR Frequency Divider and Clock

Makes possible increased accuracy from frequency and time standard systems by generating precise, adjustable time signals with accuracy determined by driving oscillator. Permits accurate comparisons between local standards and hf or vlf broadcasts. hp 113BR, $2,750.00.

New hp 724BR, 725AR Standby Power Supplies

Automatically assume load and warn when ac power fails, assure continuous operation of frequency/time standard system. hp 724BR, including battery, $850; hp 725AR, including battery, price on request.

Dependable -hp- Vacuum Tube Counters, Accessories

-hp- 524C/D Electronic Counters

Bright, steady readout, crystal oscillator stability of 5 parts in 10^8 per week and plug-in versatility are yours with these popular -hp- counters. -hp- 524C offers Nixie readout, -hp- 524D columnar readout. Read frequency 10 cps to 10.1 MC over any of 5 selected intervals; period from 0 to 100 KC. 7 plug-in units increase frequency range to 510 MC, increase sensitivity to 10 mv, provide time interval and phase angle measurements and 10,000 period average measurements. See table, right. -hp- 524C, $2,400.00; -hp- 524D, $2,150.00.

-hp- 523C/D Electronic Counters

All-purpose counter measuring frequency 10 cps to 1.2 MC, time interval 1 μsec to 27.8 hours, period 0.00001 cps to 100 KC. Stability 2/1,000,000 per week. Results displayed in sec, msec, μsec or KC; automatic decimal. Usable with external 100 KC standard. -hp- 523C, Nixie readout, $1,575.00; -hp- 523D, columnar readout, $1,310.00.

-hp- 522B Electronic Counter

A low-cost precision instrument covering 10 cps to 120 KC. All-purpose counter easily used by unskilled personnel. Measures frequency, period and time interval, is direct reading in cps, KC, seconds or milliseconds. -hp- 522B, $915.00 (cabinet); -hp- 522BR, $900.00 (rack mount).

-hp- 521 Industrial Counters

-hp- 521 series Counters measure frequency, random events per unit of time; with transducers, they measure rps, speed, weight, pressure, etc. 521D (shown) 1 cps to 120 KC (4 places), input min. 0.2 v rms; input attenuator adjusts sensitivity 0.2 to 100 v rms; input impedance 1 megohm. Characteristics of other 521 models similar to 521D. See table at right for details, prices.

-hp- 560A/561B Digital Recorders, 570A/571B Digital Clocks

-hp- 560A provides permanent record of all types of test data, also gives unique analog output for graphic recording of very small data variations. 560A operates from single-line voltage-coded decimal, delivered with 6 plug-in comparators for 6-digit presentation, additional comparators (to eleven) may be plugged in at any time. -hp- 561B requires 10-line coded decimal entry operates from -hp- 405CR Digital Voltmeter, frequency counters or relays, stepping switches, beam switching tubes. Models 570A/571B digital clocks (570A shown installed) mount in 560A/561B respectively and add time-of-day information to other data recorded by 560A/561B. -hp- 560A (with 6 comparators), $1,325.00; -hp- 561B, $1,150.00; -hp- 570A (for 560A), $1,050.00; -hp- 571B (for 561B), $950.00. -hp- 565A Digital Printer (for custom systems), $640.00.

Instrument	Primary Uses	Frequency Range	Characteristics	Price
-hp- 100E Frequency Standard	Establish standard frequencies; calibrate, measure time	6 sine 10 cps to 1 MC; 4 pulse, 10 cps to 10 KC	Stability 5/10^8 per week Timing comb.	$ 925.00■
-hp- 103AR Quartz Oscillator	Establish standard frequencies; calibrate, measure time	Sine 1 MC, 100 KC; separate 100 KC for driving -hp- 113BR	Stability 5/10^{10} per day, long term	2,500.00
-hp- 104AR Quartz Oscillator	Establish standard frequencies; calibrate, measure time	Sine 1 MC, 100 KC; separate 100 KC for driving -hp- 113BR; 5 MC of high spectral purity	Stability 5/10^{10} per day, long term; extreme spectral purity	3,250.00
-hp- 113BR Frequency Divider, Clock	Adjust freq. standards; comparisons	100 KC input	1 pps tick output for comparison with wwv, etc.	2,750.00
-hp- 500B Frequency Meter	Rapid frequency measurements	3 cps to 100 KC	9 ranges ±2% accuracy. Input 0.2 to 250 volts	300.00
-hp- 500C Tachometer Indicator	Rpm measurements	180 to 6,000,000 rpm	Similar to 500B but calibrated in rpm	300.00
-hp- 506A Optical Tachometer Pickup	Rps and rpm measurement	300 to 300,000 rpm	Phototube and light source; output 1 v rms	150.00
-hp- 508A-D Tachometer Generator	Shaft speed measurement	A, 15-40,000 rpm; B, 30-30,000; C, 40-25,000; D, 50-5,000	A, 60 cycles/rev.; B, 100/; C, 120/; D, 360/	125.00
-hp- 520A Nuclear Scaler	For counting high-rate pulses	Capacity 100 counts in 2 decades. 10,000,000 pps counting rate	100:1 divider for operation of low speed scalers	700.00△
-hp- 521A Industrial Electronic Counter	Measure frequency, speed	1 cps to 120 KC 220 KC optional, add $35.00	Direct reading, accurate within ±1 count ±0.1%, 4 place registration	475.00
-hp- 521C Industrial Electronic Counter	Measure frequency, speed	1 cps to 120 KC 220 KC optional, add $35.00	Direct reading, accuracy within ±1 count ±0.01%, 5 place registration	650.00
-hp- 521D Industrial Electronic Counter	Measure frequency, speed	1 cps to 120 KC 220 KC optional, add $35.00	Same as 521A except has Nixie readout	750.00
-hp- 521E	Measure frequency, speed	1 cps to 120 KC 220 KC optional, add $35.00	Same as 521C except has Nixie readout	950.00
-hp- 521G	Measure frequency, speed, elapsed time	1 cps to 1.2 MC	Direct reading, accuracy ±1 count ±0.1% 5 place registration	700.00
-hp- 522B Electronic Counter	Frequency, period, time interval measurements	10 cps to 120 KC 220 KC optional, add $35.00	Direct reading, stability 10 parts per million per week	915.00△
-hp- 523C	Frequency, period, time interval	10 cps to 1.2 MC	Direct reading, stability 2 parts per million per week. Nixie readout, 10-line code arrangement	1,575.00■
-hp- 523D Electronic Counter	Frequency, period, time interval	10 cps to 1.2 MC	Direct reading, stability 2 parts per million per week	1,310.00■
-hp- 524C Frequency Counter	Frequency, period, measurements	10 cps to 10.1 MC (Freq.) 0 cps to 100 KC (Period)	Direct reading, no interpolation; stability 5/10^8 per wk. Nixie readout	2,400.00■
-hp- 524D Frequency Counter	Frequency, period, measurements	10 cps to 10.1 MC (Freq.) 0 cps to 100 KC (Period)	Direct reading, no interpolation; stability 5/10^8 per wk.	2,150.00■
-hp- 525A Frequency Converter	Extends 524 range to 100 MC; increases basic sensitivity	10 cps to 100 MC	Accuracy same as basic counter; 0.1 v rms min. input	250.00
-hp- 525B Frequency Converter	Extends 524 range from 100 to 220 MC; high sensitivity	100 MC to 220 MC	Accuracy same as basic counter; 0.2 v rms min. input	300.00
-hp- 525C Frequency Converter	Extends 524 range to 510 MC; high sensitivity	50 KC to 510 MC	Accuracy same as basic counter; min. input: 20 mv rms, 50 KC to 10.1 MC: 100 mv rms, 100 to 510 MC	425.00
-hp- 526A Video Amplifier	Increases 524 sensitivity to 10 millivolts	10 cps to 10.1 MC	Accuracy same as basic counter; 10 mv rms min. input	200.00
-hp- 526B Time Interval Unit	Measures interval 1 μsec to 100 days	1 μsec to 10^7 sec	Resolution to 0.1 μsec	200.00
-hp- 526C Period Multiplier	Period measurement	Extends range of 524 to measure 10,000 periods	Greater accuracy in period measurement	225.00
-hp- 526D Phase Unit	Phase angle measurement	1 cps to 20 KC	Reads in time units, resolution to 0.1 μsec	750.00
-hp- 540B Transfer Oscillator	Microwave measurement with counter accuracy	to 18 GC	Ideal for use with -hp- counters, frequency converters, mixers	850.00△

△ Rack mounted instruments $15.00 less. ■ Rack mounted $25.00 less.

-hp- Regulated and Klystron Power Supplies

-hp- 723A Power Supply

Ideal dc power supply, 0 to 40 v dc, 0 to 500 ma, for systems applications where remote voltage programming is desired. Load regulation, less than 20 mv change from 0 to 500 ma; less than 10 mv change for ± 10% line voltage change. Either positive or negative terminal may be grounded, or several units operated in cascade. Three modular units can be placed in one rack mount adapter. $225.00.

-hp- 722AR/726AR Transistor Power Supplies

-hp- 722AR is a dependable, transistorized, fully regulated dc power supply; continuously variable 0 to 60 v dc, 0 to 2 amps. Three-terminal output for either positive or negative grounding. Load regulation, less than 5 mv change for 0 to 2 amp change. Special safety circuit limits output current to pre-set value. Front-panel meters monitor output without external equipment. Slide switch at rear selects local or remote sensing. Low power consumption, easy-to-use controls. $525.00 (rack mount).

-hp- 726AR DC Power Supply, Similar to 722AR, provides 0 to 45 v output, is programmable by external resistance connectors. $500.00 (rack mount).

Instrument	Primary Uses	Characteristics	Price
-hp- 711A Laboratory Power Supply	General purpose regulated dc supply for lab and field use	0 to 500 volts @ 100 ma	$250.00
-hp- 712B Power Supply	Same as 711A	0 to 500 volts @ 200 ma —300 v @ 50 ma, 0 to —150 v @ 5 ma	390.00△
-hp- 715A Klystron Power Supply	Regulated beam, reflector source for low power klystrons	—250 @ 30 ma to —400 volts @ 50 ma; 0 to —900 v @ 10 μa	325.00
-hp- 721A Transistor Power Supply	Powering transistors, similar applications	0 to 30 v, 150 ma	145.00
-hp- 722AR Transistorized Power Supply	Powering transistors, banks of tunnel diodes	0 to 60 v, 0 to 2 amps	525.00
-hp- 723A DC Power Supply	General purpose, medium power low voltage supply; can be programmed remotely	0 to 40 v, 500 ma	225.00
-hp- 726AR DC Power Supply	Highly accurate testing of systems or transistor circuits; remote sensing, programming	0 to 45 v, 0 to 2 amps	500.00

△ Rack mounted instruments $15.00 less.

-hp- 721A Transistor Power Supply

Compact, versatile, completely transistorized. Regulated supply, 0 to 30 v, continuously variable. 150 ma maximum output. Load regulation, 0 to 150 ma, 0.3% or 30 mv, whichever is greater. Positive overload protection with front panel switch prevents damage to transistors, etc. $145.00.

-hp- General Purpose Traveling-Wave, Wide Band Amplifiers

-hp- Traveling-Wave Tube Amplifiers

-hp- offers Traveling-Wave Tube Amplifiers for all frequencies 1 to 12.4 GC. New 489A, 491C, 493A, 495A are high power, broad band, low noise amplifiers using PPM focusing. Provide at least 1 watt output for 1 mw input over their full frequency range. -hp- 490B, 492A and 494A are low level, high gain amplifiers for amplitude, pulse, phase or FM modulation. See table for prices.

-hp- 466A AC Amplifier

General-purpose transistorized instrument amplifier offering standard gains of 20 and 40 db, ± 0.2 db at 1000 cps. Distortion less than 1%, 10 cps to 100 KC. Frequency response ± 0.5 db 10 cps to 1 MC, output 1.5 v rms across 1500 ohms, noise 75 μv rms, referred to input; input impedance 1 megohm with 20 pf shunt. Battery powered, 150 hours operation; or ac driven. Weight just 3 lbs. $150.00. Specify battery or ac operation.

Instrument	Primary Uses	Frequency Range	Characteristics	Price
-hp- 450A Amplifier, Stabilized	General purpose lab amplifier	10 cps to 1,000,000 cps	20 and 40 db gain, frequency response ±½ db	$ 160.00
-hp- 460AR Amplifier, Wide Band	Wide band, pulse amplification	20 KC to 120 MC	20 db gain, rise time 0.003 μsec	225.00
-hp- 460BR Amplifier, Fast Pulse	Pulse amplification high output	20 KC to 120 MC	15 db gain, 125 peak volts	275.00
-hp- 466A ac Amplifier	General purpose lab amplifier	10 cps to 1 MC	20, 40 db gain; freq. response ±0.5 db	150.00
-hp- 489A Traveling-Wave Tube Amplifier	High power "L" band amplification	1 to 2 GC	30 db gain; mμsec rise time; 1 watt output	1,970.00
-hp- 490B Traveling-Wave Tube Amplifier	Amplification throughout "S" band	2 to 4 GC	30 db gain; mμsec rise time; 10 mw output	1,400.00
-hp- 491A Traveling-Wave Tube Amplifier	High power "S" band amplification	2 to 4 GC	30 db gain; mμsec rise time; 1 watt output	1,400.00
-hp- 491C Traveling-Wave Tube Amplifier	High power "S" band amplification	2 to 4 GC	30 db gain; mμsec rise time; 1 watt output	1,970.00
-hp- 492A Traveling-Wave Tube Amplifier	Amplification through most of "G" and "J" bands	4 to 8 GC	30 db gain; mμsec rise time; 20 mw output	1,500.00
-hp- 493A Traveling-Wave Tube Amplifier	High power "G" and "J" band amplification	4 to 8 GC	30 db gain; mμsec rise time; 1 watt output	2,900.00
-hp- 494A Traveling-Wave Tube Amplifier	Amplification throughout "X" band	7 to 12.4 GC	30 db gain; mμsec rise time; 20 mw output	1,800.00
-hp- 495A Traveling-Wave Tube Amplifier	High power "X" band amplification	8.2 to 12.4 GC	30 db gain; mμsec rise time; 1 watt output	2,900.00

hp Microwave Impedance Measuring Equipment

hp 415C Standing Wave Indicator

Designed to use with bolometers or crystals. Increased resolution gives full scale expansion for any 2.5 db increment; no "blind" spots. Single frequency operation, 1,000 cps ± 2% (others on special order); ±2% front-panel adjustment for ease in matching source modulator. Readings in SWR or db. Low noise level, 0.1 μv sensitivity (full scale). Optional battery pack. Price on request.

hp 415B Standing Wave Indicator for all waveguide and coaxial slotted sections. Single frequency operation, 1,000 cps ±2%. Readings in SWR or db. Low noise level, 0.1 μv (full scale) sensitivity, 60 db calib. attenuator. $200.00.

hp 416A Ratio Meter

Automatically combines forward and reverse signals and displays their ratio directly, irrespective of common amplitude variations. Contains rf power monitor indicating proper power level. Rear terminal signal available to operate oscilloscope or recorder. Suitable for single and swept frequency operation. $550.00△.

hp 803A VHF Bridge

Provides direct impedance measurements in vhf range, 2 to 2,000 ohms, −90° to +90° phase angle. Wide frequency range 52 to 500 MC; makes measurements down to 5 MC and up to 1,000 MC. Fast, simple to use. $900.00.

hp 417A VHF Detector

Super-regenerative (AM) receiver covering all frequencies from 10 to 500 MC in 5 bands. Designed for use with hp 803A Bridge. 5 μv sensitivity full range. Single frequency control, reads direct in MC. $400.00.

Instrument	Primary Uses	Frequency Range	Characteristics	Price
-hp- 360A-D Low Pass Filters	Eliminates harmonic voltages from uhf systems	Cut-off frequencies A- 700 MC C-2,200 MC B-1,200 MC D-4,100 MC	50 db rejection at 1.25 cutoff freq.	See below
-hp- 415B Standing Wave Indicator	SWR indicator or null indicator	1,000 cps ±2%	0 to 70 db attn. Max. sensitivity 0.1 μv	$200.00
-hp- 415C Standing Wave Indicator	SWR indicator or null indicator	1,000 cps ±2%	Full scale expansion for any 2.5 db increment; Max. sensitivity 0.1 uv	On req.
-hp- 416A Ratio Meter	Reflection coefficient measurements	1,000 cps ±4%	Continuous swept frequency presentation; accuracy ±3%	550.00△
-hp- 417A VHF Detector	VHF bridge detector (for -hp- 803A)	10 to 500 MC	Approx. 5 μv sensitivity	400.00
-hp- 803A VHF Bridge	Measurement of vhf impedance, SWR	52 to 500 MC	2 to 2,000 ohms impedance —90° to +90° phase angle	900.00
-hp- 805C Coaxial Slotted Section	Measurement of SWR	500 to 4,000 MC	For Type N Connectors flexible cables	525.00
-hp- 805D Coaxial Slotted Section	Same as above	Same as above	For rigid 7/8" RG44/U line	600.00
-hp- 806B Coaxial Slotted Section	Same as above (mounts in 809B)	3,000 to 12,000 MC	For Type N Connectors flexible cables	200.00
-hp- 809B Universal Probe Carriage	G, C, J, H, X, M and P810 Waveguide Sections Supports 806B section also		Accepts 442B, 444A probes	175.00
-hp- 814B Universal Probe Carriage	Supports K and R 815B Waveguide Slotted Sections		Accepts Untuned Probe 446B	225.00
-hp-872A Coaxial Slide-Screw Tuner	Correcting discontinuities, flattening waveguide, coax systems	500 to 4,000 MC	Correctable SWR: 10; insertion loss: 1 db or less	525.00

△ Rack mounted instruments $15.00 less.

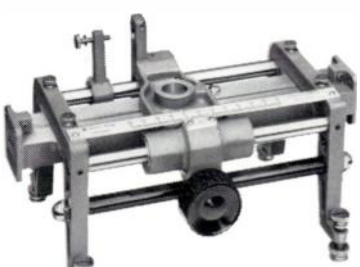
hp 360 Low Pass Filters

Low pass filters speed microwave measurements by eliminating harmonics, permitting transmission at single, known frequency only. Particularly necessary in slotted line, filter characteristic, receiver response, similar measurements. Table above gives cut-off frequency; insertion loss not over 3 db; nominal impedance 50 ohms. hp 360A, B, $60.00. hp 360C, D, $50.00.

hp 872A Coaxial Slide-Screw Tuner

Covers 500 to 4,000 MC range. Tuner consists of hp-developed slab line and precision probe carriage. Insertion quickly and easily varied with micrometer drive; line position may be read directly on a recessed scale. Probe travel at least ½ wavelength at 500 MC. Correctable SWR: 10. $525.00.

hp 809B/814B Universal Probe Carriages



hp 809B and 810B

Quick, easy waveguide interchange

hp 814B, 815B, 446B

Models 809B and 814B are precision-built mechanical assemblies operating, respectively, with hp 810B and 815B series slotted sections. Combination of the 809B carriage and 810 slotted sections covers 2.6 to 18.0 GC. Combination of 814B carriage and 815B series sections covers 18.0 to 40.0 GC. For prices see table above.

On either carriage, waveguides can be interchanged in seconds for real savings on engineering time. Only one probe is required for each carriage to cover full frequency range. Manufacture is of highest quality to assure positive mechanical positioning of interchangeable waveguides and precise installation of mating hp probes (see table, "Waveguide Test Equipment"). hp 809B has a vernier scale reading to 0.1 mm and is equipped for dial gauge mounting. hp 814B has a dial read directly to 0.01 mm.

hp 810B Slotted Sections. hp 810 B, for mounting in 809B carriage, is a flanged, waveguide section with accurately machined slot. Slot is tapered at ends to minimize reflection. Available in 7 waveguide bands, 3.95 through 18.0 GC.*

hp S810A. Complete slotted section assembly including probe carriage. In 2.6 to 3.95 GC (S-band) size only.*

hp 815B Slotted Sections. For mounting in 814B carriage. Available K and R bands, 18.0 to 40.0 GC. These sections are accurately machined so that they are quickly and easily interchanged, and precisely positioned.*

***For prices, see Waveguide Test Equipment table.**

Microwave Power Measuring Equipment

Now! End tedious zero setting with new -hp- 431A Power Meter

At last, continual zero setting for your power measurements is a thing of the past! This new -hp- power meter, which measures 10 μw to 10 mw full scale, lets you use one zero setting, good for hours, on all ranges—even on the 10 μw range! Drift is less than 2 μw/°C! The -hp- 431A gives you additional sensitivity of 10 db over previously available instruments. In addition to its 7-range μw-mw calibration, the -hp- 431A also reads in dbm, −30 to +10. Direct-reading accuracy is ±3% on all ranges. Operates with new temperature-compensated thermistor mounts, -hp- 478A, 486A (below). -hp- 431A, $345.00.

-hp- 478A Thermistor Mount

New -hp- 478A Thermistor Mount for coaxial systems, 10 MC to 10 GC without tuning, is truly temperature - compensated, contains two thermistor pairs for use with dual bridge -hp- 431A Power Meter. SWR less than 1.5, high accuracy, drift-free operation. $145.00.

-hp- 486A Thermistor Mount

New -hp- 486A truly temperature - compensated thermistor mount permits X-band power measurements, 8.2 to 12.4 GC without tuning; SWR less than 1.5. For use with -hp- 431A Power Meter. High accuracy, new convenience. $145.00.

-hp- 434A Calorimetric Power Meter

Simply connect and read powers 10 mw to 10 watts, dc to 12.4 GC. No barretter, thermistor needed, no external terminations or plumbing. Measures CW or pulsed power. Two simple controls. DC input impedance 50 ohms ± 5 ohms at Type N input jack; input SWR less than 1.5 full range, less than 1.3 to 5 GC. Accuracy, without correction, within 5% full scale. Response time less than 5 sec. for full scale deflection. Direct reading in watts and dbw, compact, entirely self-contained. $1,600.00 (cabinet); $1,585.00 (rack mount).

-hp- 430C Microwave Power Meter

No computations! Provides instantaneous, automatic power readings *direct* in dbm or mw at all frequencies for which there are suitable bolometer mounts. For CW measurements, uses either 1/100 amp. fuse or Sperry 821 barretter. Also measures CW or pulsed power with negative coefficient thermistor. Provides up to 16 ma bias current. Operates with mounts in adjacent table. Range 0.02 to 10 mw. $250.00.

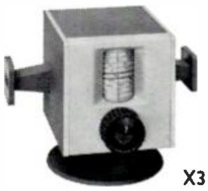
-hp- 477B Coaxial Thermistor Mount

For frequency range 10 MC to 10 GC. SWR less than 1.5. Thermistor element is 200 ohm negative. No tuning required; not susceptible to burnout. $75.00. (including thermistor).

Instrument	Primary Uses	Frequency Range	Characteristics	Price
-hp- 393A Coaxial Attenuator	Accurate, variable attenuation to 120 db	500 to 1,000 MC	Direct-reading in high-power systems	$ 420.00
-hp- 394A Coaxial Attenuator	Accurate, variable attenuation to 120 db	1,000 to 2,000 MC	Direct-reading in high-power systems	420.00
-hp- 430C Microwave Power Meter	Measurement of rf power	Depends on Bolometer Mount -hp- mounts, 10 MC to 40 GC	0.02 to 10 mw ±5% accuracy	250.00
-hp- 431A Microwave Power Meter	Measurement of rf power	10 MC to 12.4 GC	Stable, temperature-compensated	345.00
-hp- 434A Calorimetric Power Meter	Measurement of rf power	dc to 12.4 GC	Direct reading, no barretters, thermistors or terminations; CW, pulsed	1,600.00△
-hp- 476A Universal Bolometer Mount	Measurement of rf power (with 430B/C)	10 to 1,000 MC	No tuning required SWR less than 1.25	85.00
-hp- 477B Coaxial Thermistor Mount	Measurement of rf power (with 430C)	10 MC to 10 GC	No tuning required SWR less than 1.5	75.00
-hp- 478A Thermistor Mount	Measurement of rf power (with 431A)	10 MC to 10 GC	Drift-free, SWR less than 1.5	145.00
-hp- 485 Waveguide Detector Mount	Measurement of rf power	2,600 to 12,400 MC	Full coverage of waveguide band	See Table Waveguide Equipment
-hp- 486A Thermistor Mount	Measurement of rf power (with 431A)	8.2 to 12.4 GC	Temperature compensated, SWR less than 1.5	145.00
-hp- 487B Waveguide Thermistor Mount	Measurement of rf power	3,950 to 40,000 MC	Full coverage, no tuning, 1.5 SWR except K/R487B 2.0	See Table Waveguide Equipment
-hp- 760D Dual Directional Coupler	Reflectometer and rf power measurements	250 MC to 1 GC	Directivity 35 db flat coupling	200.00
-hp- 761D Dual Directional Coupler	Reflectometer and rf power measurements	1 to 4 GC	Directivity 30 db flat coupling	185.00
-hp- 764D Dual Directional Coupler	Reflectometer and rf power measurements	216 to 450 MC	Coupling attenuation* 20 db, directivity 30 db	160.00
-hp- 765D Dual Directional Coupler	Reflectometer and rf power measurements	450 to 945 MC	Coupling attenuation* 20 db, directivity 30 db	160.00
-hp- 766D Dual Directional Coupler	Reflectometer and rf power measurements	940 to 1,975 MC	Coupling attenuation* 20 db, directivity 26 db	150.00
-hp- 767D Dual Directional Coupler	Reflectometer and rf power measurements	1,900 to 4,000 MC	Coupling attenuation* 20 db, directivity 26 db	150.00

***Power handling capacity all 764/767 series couplers 50 watts CW, 10 Kw peak.**
△ Rack mounted instrument $15.00 less.

382B/C Broadband Precision Waveguide Attenuators



X382B

S382B

Dielectric loading in new S382B/C, X382B/C produces long electrical length for high accuracy with short physical dimension, provides new convenience. Calibrated range, 0 to 60 db. 0 to 90° degree-of-rotation scale allows you to set incremental attenuation accurately. SWR less than 1.15 over entire range of attenuation and frequency. S382B, $600.00; S382C, $650.00; X382B, $295.00; X382C, $345.00.

906A, 914A/B Moving Loads

Model 906A, 1 to 12.4 GC (SWR less than 1.05), a coaxial moving load which, with the popular 914A/B waveguide series, provides moving load coverage 1 to 40 GC. 906A, $250.00; 914A/B series, $50.00 to $250.

382A Precision Attenuators

Popular 382A series precision attenuators are now available in "K" and "R" bands, 18.0 to 40.0 GC. "K," "R" band attenuators are of new, space-saving design (see photo). Direct reading, one-control tuning, high power handling capacity. Attenuation 0 to 50 db full range, independent of frequency.Phase shift constant with attenuation. For prices see table next page.

764D-767D Dual Directional Couplers

High directivity dual coaxial couplers make reflectometer measurements practical in vhf and uhf coax systems. Flat response, high power capacity, low insertion loss. Four models, covering 216 to 4,000 MC collectively, 764D/765D, $160; 766D/767D, $150.

760D/761D Dual Directional Couplers

Ideal for reflectometer systems, flat to ±0.5 db over 4-to-1 frequency range. Directivity 35 db (760D) and 30 db (761D). 760D, 250 MC to 1 GC, $200.00; 761D, 1 to 4 GC, $185.00.

Noise Measuring Equipment

342A Noise Figure Meter

344AR Noise Figure Meter

This automatic, transistorized instrument *reliably and continuously measures noise figure on operating radars.* Its fast meter response lets you optimize noise figure during operation. Its high sensitivity (noise source can be decoupled 20 db from transmitter line) minimizes system degradation and effectively extends radar range. High sensitivity also permits measuring high noise figures (to 40 db) such as those found in TWT's. The instrument is militarized for dependability in all environments.

Model 344AR is used with a remote modulator and noise source so that high voltage sliprings on antennas are unnecessary. 1 MC bandwidth, 25 or 30 MC input, designed for pulse rep rates of 90 to 500 pps but usable with most jitter repetition systems. Sampling techniques permit use with high repetition rate radars.

Required gain between 344AR and noise source is 35 db ± 5 db. Input impedance is 75 ohms, return loss 20 db, 20 to 40 MC. Accuracy (excluding excess noise accuracy) is ± 0.5 db, 0 to 5 db; ± 1 db, 5 to 10 db; ± 2 db, 10 to 15 db. Simple front panel calibration remote metering if desired. Optional alarms indicate noise figure above preset level, or failure in noise source current. 344AR, $1,600.00 *(Approximately. Depends on options and modifications.)*

340B/342A Noise Figure Meters

General-purpose instruments making possible, in minutes, receiver and component alignment jobs that once took hours. Simplifies accurate alignment; encourages better maintenance; better performance.

340B automatically measures, continuously displays IF or rf amplifier noise figure at 30 or 60 MC; other freq. on order. $715.00 (cabinet); $700.00 (rack).

342A, similar, operates on 30, 60, 70, 105, 200 MC. 30 MC and 4 other frequencies between 38 and 200 MC on order. $815.00 (cabinet); $800.00 (rack). Also available with 21.4 mc I. F.

(NOTE: Models 340B, 342A and 344A not available in Western Europe.)

343A VHF Noise Source, temperature-limited diode broadband source, 10 to 600 MC, 5.2 db excess noise, $100.00.

345B IF Noise Source, 30 or 60 MC (others to order); 4 impedances, 5.2 db excess noise. $100.

347A Waveguide Noise Source, Argon gas discharge tubes in waveguide section 15.2 ± 0.5 db excess noise; for frequencies 2.6 to 18.0 GC, $200.00 to $300.00.

349A UHF Noise Source, 400 to 4,000 MC, wider range with correction; 15.2 ± 0.5 db excess noise, $325.00. H01 349A same as 349A except 18.2 ± 0.5 db excess noise. $325.00.

ⓗⓟ Microwave Test Equipment to 40 GC

Basic, low-cost elements offer utmost flexibility for assembly of exact instrumentation required. Each unit covers entire range of its waveguide size. Careful engineering, simple, sturdy mechanical design, highest quality manufacture insures accurate, multi-purpose operation.

Instrument	Coaxial Type N Conn.	"S" 3" x 1½" 2.6 - 3.95 GC	"G" 2" x 1" 3.95 - 5.85 GC	"C" 1.718" x .923" 4.9 - 7.05 GC	"J" 1½" x ¾" 5.3 - 8.2 GC	"H" 1¼" x ⅝" 7.05 - 10 GC	"X" 1" x ½" 8.2 - 12.4 GC	"M" .850" x .475" 10 - 15 GC	"P" .702" x .391" 12.4 - 18 GC	"K" .500" x .250" 18 - 26.5 GC	"R" .360" x .220" 26.5 - 40 GC
Adapter, Waveguide to Coax		S281A $50	G281A $40		J281A $35	H281A $30	X281A $25				
Cover to Choke Flange		S290A $65	G290A $55		J290A $40	H290A $35	X290A $20		P290A $30		
Waveguide to Waveguide				-hp- 292 Series: HX292B $25, MX292A $40, MP292A $40, NP292A $40, NK292A $40							
Low Pass Filters							X362A $325	M362A $350***	P362A $350	K362A $385	R362A $385
Attenuators Fixed 3, 6, 10, 20 db		S370A $100	G370A $85	C370A $100	J370A $75	H370A $75	X370A $65		P370A $80	K370A $115	R370A $115
Precision Fixed		S372 $400	G372 $275		J372 $165	H372 $135	X372 $110		P372 $125	K372 $240	R372C/D $275
Flap, 25 db max.		S375A $120	G375A $110	C375A $110	J375A $100	H375A $90	X375A $90		P375A $100	K375A†† $140	R375A†† $180
Calibrated, precision		S380A $260	G382A $500	C382A $800	J382A $375	H382A $350	X382A $275	M382A $300	P382A $275	K382A†† $475	R382A†† $500
Detector Mounts	420A $50					H421A $95	X421A $75	M421A $125	P421A $130	K422A $200	R422A $200
	420B $75										
	440A† $85										
		S485D° $185	G485D° $170		J485D° $170						
		S485A‡ $165	G485B‡ $95		J485B‡ $90	H485B‡ $85	X485B‡ $75				
Thermistor Mounts (Broad Band)■	477B $75	S487B $105	G487B $95		J487B $90	H487B $80	X487B $75	M487B $110	P487B $110	K487B†† $225	R487B†† $225
Frequency Meters, Reaction				C530A $160	J530A/B**						
Direct Reading	536A $500		G532A $325		J532A $300	H532A $250	X532B $175	M532A $275	P532A $210	K532A $280	R532A $300
Directional Coupler, Cross Guide: 20, 30 db		S750 $150	G750 $120		J750 $85	H750 $75	X750 $60				
Directional Couplers, Multi-Hole: 3, 10, 20 db		S752 $375	G752 $250		J752 $140	H752 $120	X752 $100	M752 $130	P752 $115	K752†† $175	R752†† $200
Slotted Sections, Waveguide		S810A* $450	G810B§ $125	C810B $150	J810B§ $110	H810B§ $110	X810B§ $90	M810B§ $110	P810B§ $110		
Slotted Sections, Waveguide										K815B†† $265	R815B†† $265
Tuners, Slide Screw		S870A $225	G870A $185	C870A $225	J870A $150	H870A $130	X870A $125	M870A $130	P870A $130	K870A†† $250	R870A†† $300
E - H							X880A $130		P880B $150		
Waveguide Phase Shifter					J885A $550		X885A $425		P885A $600		
Terminations, Low Power	908A $35	S910A $75	G910A $65	C910A $75	J910A $45	H910A $40	X910B $35		P910A $40		
Terminations, High Power		S912A $200					X912A $75				
Moving Load	906A $250	S914A $100	G914A $75		J914A $70	H914A $60	X914B $50	M914A $65	P914A $55	K914B†† $250	R914B†† $250
Standard Reflections							X916 $125				
Adjustable Shorts		S920A $150	G920A $125		J920A $100	H920A $75	X920A $75	M920A $75	P920B $125	K920B/C†† $155	R920B/C†† $155
Waveguide Shorting Switch							X930 $160				
Harmonic Mixer	934A $150	2 to 12.4 GC							P932A $250		
Broad Band Probe	442B§ $40						All Frequencies				
Broad Band Probe, Untuned				444A $40 3 to 18 GC					446B $145 18 to 40 GC		
Waveguide Clamps, Stands			Model 24 stand, $3.00						Model 25 clamps, $2.50 each, all bands		

†For use with barretter or crystal. ‡For use with barretter only. *Complete assembly including carriage. §Mounts in 809B Carriage.
■Includes Thermistor, installed. **J530A, 5.85 to 8.2 GC, $120. J530B, 5.20 to 7.05 GC, $150. ° Includes barretter; checked for square law characteristics. ***N362A, "N" Band 15-21 GC $350.00
††Available with circular flanges equivalent to UG-425/u for K bands and UG-381/u for R bands. Specify by adding suffix "C" to model number: i.e., K487BC.

ⓗⓟ 532/536A Frequency Meters

Comparable wide band, direct reading convenience are offered by ⓗⓟ 532 series, 3.95 to 40 GC, and the new ⓗⓟ 536A, 1 to 4 GC, Frequency Meters. The meters comprise high Q resonant cavity tuned by choke plunger; no sliding contacts. Resonance indicated by approx. 1 db dip in output. The 532 series meters are for waveguide application, the 536A for coaxial. ⓗⓟ 532 series, $175.00 to $325.00; ⓗⓟ 536A, $500.00.

ⓗⓟ 281A Waveguide - Coax Adapters

For convenient transition between waveguide and coax systems. Each unit covers a full waveguide range with SWR less than 1.25. Type N coax fitting (female). AN-waveguide flange. For S, G, J, H and X bands, 2.6 to 12.4 GC. $25.00 to $50.00.

ⓗⓟ 487B Thermistor Mounts

For fast, accurate waveguide power measurements. Each unit covers full range of its waveguide frequency. No tuning needed, SWR 1.5 max., except K and R bands, SWR 2.0 max. Max. power 10 mw. Rugged construction, high temperature coefficient thermistors virtually eliminate burnout. For S, G, J, H, X, M, P, K and R bands. 2.6 to 40.0 GC. $75.00 to $225.00.

ⓗⓟ 870A Slide-Screw Tuners

For flattening waveguide systems, matching, etc. Probe position and penetration adjusts to setup reflection canceling existing reflection. Precision lead screw or micrometer varies probe insertion; vernier adjusts probe position. Corrects SWRs of 20 with accuracy of 1.02 SWR. For S, G, C, J, H, X, M, P, K, R, bands, 2.6 to 40.0 GC. $125.00 to $300.00.

ⓗⓟ 420A/B Crystal Detectors

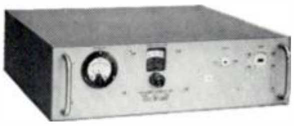
Employs a silicon crystal to detect rf signals in Type N coaxial lines. Covers frequencies 10 MC to 12.5 GC, sensitivity approx. 0.1 v/mw, frequency response ± 3 db full range. Uses modified 1N26 crystal, max. SWR 3. $50.00 each. Also available in matched pairs as ⓗⓟ 420B, $150.00 pair.

ⓗⓟ 444A/446B Untuned Probes

ⓗⓟ 444A is modified crystal (1N76 or 1N26) plus small antenna in convenient housing. Probe penetration easily variable; may be locked in position. No tuning needed; sensitivity superior to most elaborate single or double tuned probes. Range 3.0 to 18GC; fits ¾" bore. *New ⓗⓟ 446B,* for ⓗⓟ 814 Probe Carriage, similar but covers K and R bands, 18.0 to 40.0 GC. ⓗⓟ 444A, $40.00. ⓗⓟ 446B, $145.00.

-hp- Signal Generators and Doublers–50 KC to 40 GC

-hp- Frequency Doublers to 40 GC



Operating on harmonic generation principles, new -hp- 938A and 940A Frequency Doubler Sets provide output from 18 to 26.5 GC and 26.5 to 40.0 GC respectively. The Doublers can be driven by -hp- 626A or 628A Signal Generators, -hp- 686C and 687C Sweep Oscillators or by klystrons. The input signal may be CW, pulsed or swept; thus Doublers retain flexibility of driving instrument. Output approx. 0.5 to 1 mw with -hp- Signal Generators; input power 100 mw max. Output monitor accuracy ± 2 db. 100 db attenuator accurate within ± 2% of reading or 0.2 db. -hp- 938A, $1,500.00. -hp- 940A, $1,500.00.

-hp- 606A Standard Signal Generator

Ultra-modern; 50 KC to 65 MC. Output 3 v full range, continuous attenuation to 0.1 μv. MO-PA circuit with full feedback loop provides constant output full range. Low distortion, broad modulating capabilities. Typical -hp- speed, ease of operation; occupies 1/4 bench space normally needed for generators of this frequency range. $1,350.00.

-hp- 608D VHF Signal Generator

10 to 420 MC. Highest stability. Low incidental FM or frequency drift. Calibrated output 0.1 μv to 0.5 v throughout range. Built-in crystal calibrator provides frequency check accurate within 0.01% each 1 and 5 MC. Master-oscillator, intermediate and output amplifier circuit design. Premium quality performance, direct calibration, ideal for aircraft communications equipment testing. $1,200.00.■

-hp- 608C VHF Signal Generator. High power (1 v max.) stable, accurate generator for lab or field use. 10 to 480 MC. Ideal for testing receivers, amplifiers, driving bridges, slotted lines, antennas. $1,100.00■

Instrument	Frequency Range	Characteristics	Price
-hp- 606A	50 KC to 65 MC	Output 0.1 μv to 3 v. Modulation bandwidth dc to 20 KC, low drift and noise, low incidental FM, low distortion.	$1,350.00△
-hp- 608C	10 to 480 MC	Output 0.1 μv to 1 v into 50 ohm load. AM, pulse, or CW modulation. Direct calibration	1,100.00■
-hp- 608D	10 to 420 MC	Output 0.1 μv to 0.5 v. Incidental FM less than 0.001%	1,200.00■
-hp- 612A	450 to 1,230 MC	Output 0.1 μv to 0.5 v into 50 ohm load. AM, pulse, CW or square wave modulation. Direct calibration	1,300.00■
-hp- 614A	800 to 2,100 MC	Output 0.1 μv to at least 0.163 v into 50 ohm load. Pulse, CW or FM modulation. Direct calibration	1,950.00■
-hp- 616B	1,800 to 4,200 MC	Output 0.1 μv to 0.223 v into 50 ohm load. Pulse, CW or FM modulation. Direct calibration	1,950.00■
-hp- 618B	3,800 to 7,600 MC	Output 0.1 μv to 0.223 v into 50 ohm load. Pulse, CW FM or square wave modulation. Direct calibration	2,250.00■
-hp- 620A	7,000 to 11,000 MC	Output 0.1 μv to 0.223 v into 50 ohm load. Pulse, FM or square wave modulation. Direct calibration	2,250.00■
-hp- 626A	10 to 15.5 GC	Output +10 dbm to —90 dbm. Pulse, FM, or square wave modulation. Direct calibration	3,400.00■
-hp- 628A	15 to 21 GC	Output +10 dbm to —90 dbm. Pulse, FM, or square wave modulation. Direct calibration	3,400.00■

△ Rack mounted instruments $15.00 less. ■ Rack mounted instrument $20.00 more.

-hp- 626A/628A SHF Signal Generators

Instruments bringing high power, wide range, convenience and accuracy 10 to 21 GC range. Frequencies, output voltage directly set and read. Output 10 to 20 db better than previous spot-frequency sets; SWR better than 1.2 at 0 dbm and lower. Internal pulse, FM or square wave modulation; also external pulsing or FM'ing. -hp- 626A, 10 to 15.5 GC, $3,400.00.■ -hp- 628A, 15 to 21 GC, $3,400.00.■

-hp- 355A/B Precision Attenuators

Useful as components or lab instruments, -hp- 355A/B together provide 0-132 db attenuation in 1 db steps, dc to 500 MC. -hp- 355A or 355B, $125.00.

-hp- 350A/B Attenuators, 110 db attenuation in 1 db steps, 5 watts power capacity, high accuracy; dc to 100 KC. -hp- 350A (500 ohm) or 350B (600 ohm), $110.00 (cabinet); -hp- 350AR or 350BR, $115.00 (rack mount).

-hp- Swept Frequency Oscillators

-hp- 686C Electronic Sweep Oscillator

Covers all or part of X-band with flexible, *quiet* electronic sweep. Simple to operate, direct reading, adjustable sweep width and rate, 10 mw output minimum, frequency sweep linear with time. Has slow sweep for recorders; fast for oscilloscope; single sweep manually started or externally triggered, external FM, AM modulation. $2,900.00△.

Instrument	Frequency Range	Characteristics	Price
-hp- 682C	1.0 to 2.0 GC	Electronically swept; variable sweep rate, width. Output 10 mw, SWR 3.1 or less Pulse, square wave, FM, AM modulation All models offer leveled output	$3,090.00△
-hp- 683C	2.0 to 4.0 GC		3,000.00△
-hp- 684C	4.0 to 8.1 GC		2,900.00△
-hp- 686C	8.2 to 12.4 GC		2,900.00△
H01 686C	7.0 to 11.0 GC		3,000.00△
-hp- 687C	12.4 to 18.0 GC		3,400.00△

△ Rack mounted instruments $15.00 less.

Data subject to change without notice. Prices f.o.b. factory.

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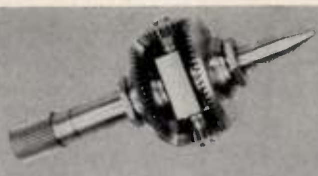
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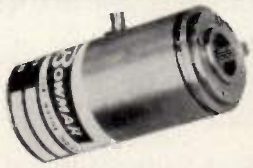
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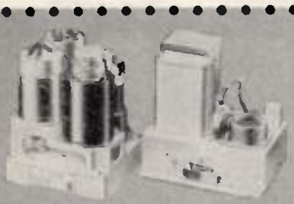
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P. O. Box 1621
Seattle 55, Wash.
Tel: ATlas 4-0720

QUE., N. B., N. S., EAST. ONT.
Aeromotive Engineering Products
147 Hymus Blvd., Pte. Claire, Que.
Tel: OX 7-0810—Lachine, Que.

WEST. ONT.
Aeromotive Engineering Products
1912a Avenue Road
Toronto 12, Ontario, Can.
Tel. RUssell 3-4288

ALBERTA, SASK., B. C.
Aeromotive Engineering Products
424 51st. Street
Calgary, Alberta, Can.
Tel: ALpine 2-0933

RAYTHEON DISTRIBUTORS

in 60 cities offer immediate delivery of

RAYTHEON RELIABLE ELECTRONIC COMPONENTS FOR COMMERCIAL, INDUSTRIAL AND MILITARY APPLICATIONS

. . . at no penalty in price

Condensed data on Raytheon products is listed on the following pages. Particulars on the full line of quality electronic components are available from your local Distributor. If no Raytheon Distributor is listed for your area, we will be pleased to send you the name of your local franchised Raytheon Distributor. Write: Raytheon Distributor Products Division, 411 Providence Turnpike, Westwood, Massachusetts.

RAYTHEON'S FULL LINE OF DYNAMIC PRODUCTS INCLUDES:

- Ray-Ette
- Microphones
- Raysistors
- Ignitrons
- Thyratrons
- Control Knobs
- Panel Hardware
- Voltage Regulators
- Light Indicators
- Semiconductors
  - Transistors
  - Diodes
  - Rectifiers
  - Double-Ended
    - Submins
  - Varactor Diodes
- Industrial Control Tubes
- Ray-Tel
- Depth-Sounder
- Receiving Tubes
- Microwave Tubes
- Picture Tubes
- Transmitting Tubes
- TV Camera Tubes
- Rugged Reliable Tubes
- Industrial Power Tubes
- Frame Grid
- Subminiature Tubes
- Magnetostriction Filters
- Noise Source Modules
- Weld-Pak Circuit Modules
- Piezoelectric Accelerometers
- Industrial Cathode Ray and Storage Tubes

Raytheon Distributors in your area include:

ALABAMA
Birmingham
Forbes Distributing Company
AL 1-4104
MG Electrical Equipment Company
FAirfax 2-0449
Mobile
Forbes Electronic Distributors, Inc.
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ARIZONA
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MA 3-4326

CALIFORNIA
Burbank
Valley Electronic Supply Co.
VIctoria 9-3944
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VIctoria 9-2471
Hollywood
Hollywood Radio & Electronics, Inc.
HO 4-8321
Inglewood
Newark Electronics Company
ORchard 4-8440
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BRadshaw 2-8771
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Oakland
Brill Electronics
TE 2-6100
Elmar Electronics
TEmplar 4-3311
Palo Alto
Zack Electronics
DA 6-5432
San Diego
Radio Parts Company
BE 9-9361
Kierulff Electronics Inc.
BR 6-3334
San Francisco
Fortune Electronics
UN 1-2434
Santa Ana
Airtronic Sales, Inc.
KImberly 5-9441
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Santa Monica Radio Parts Corp.
EXbrook 3-8231

COLORADO
Denver
Ward Terry Company
AMherst 6-3181

CONNECTICUT
East Haven
J. V. Electronics
HObart 9-1310

DISTRICT OF COLUMBIA
Electronic Wholesalers Inc.
HUdson 3-5200
Empire Electronic Supply Co.
OLiver 6-3300

FLORIDA
Miami
East Coast Radio & Television Co.
FRanklin 1-4636
Electronic Equipment Co., Inc.
NEwton 5-0421
Orlando
Wholesale Radio Parts Co., Inc.
GArden 4-6579
West Palm Beach
Goddard Distributors, Inc.
TEmple 3-5701

ILLINOIS
Chicago
Allied Radio Corporation
HAymarket 1-6800
Newark Electronics Corp.
STate 2-2944

INDIANA
Indianapolis
Graham Electronics Supply Inc.
MElrose 4-8486

LOUISIANA
New Orleans
Columbia Radio and Supply Co.
TW 7-0111

MARYLAND
Baltimore
Wholesale Radio Parts Co., Inc.
MUlberry 5-2134

MASSACHUSETTS
Boston
Cramer Electronics, Inc.
COpley 7-4700
DeMambro Radio Supply Co., Inc.
AL 4-9000
Graybar Electric Co.
HUbbard 2-9320
Lafayette Radio Corp. of Mass.
HUbbard 2-7850
Cambridge
Electrical Supply Corp.
UNIversity 4-6300

MICHIGAN
Detroit
Ferguson Electronics, Inc.
UN 1-6700

MISSISSIPPI
Jackson
Ellington Radio, Inc.
FL 3-2769

MISSOURI
Kansas City
Burstein-Applebee Company
BAltimore 1-1155
Walters Radio Supply, Inc.
VA 1-8058
St. Louis
Graybar Electric Company
JEfferson 1-4700
University City
Olive Industrial Electronics
VOlunteer 3-4051

NEW HAMPSHIRE
Concord
Evans Radio
CApital 5-3358

NEW JERSEY
Camden
General Radio Supply Co., Inc.
WO 4-8560 (in Phila.: WA 2-7037)
Mountainside
Federated Purchaser Inc.
AD 2-8200

NEW YORK
Binghamton
Stack Industrial Electronics, Inc.
RA 3-6326
Buffalo
Genesee Radio & Parts Co., Inc.
TR 3-9661
Wehle Electronics Inc.
TL 4-3270
Elmira
Stack Industrial Electronics, Inc.
RE 3-6513
Ithaca
Stack Industrial Electronics, Inc.
IThaca 2-3221
Mineola, Long Island
Arrow Electronics, Inc.
PIoneer 6-8686
New York City
H. L. Dalis, Inc.
EMpire 1-1100
Milo Electronics Corporation
BEekman 3-2980
Sun Radio & Electronics Co., Inc.
ORegon 5-8600
Terminal-Hudson Electronics, Inc.
CHelsea 3-5200
Utica
Valley Industrial Electronics, Inc.
RA 4-5168

OHIO
Cincinnati
United Radio Inc.
CHerry 1-6530
Cleveland
Main Line Cleveland, Inc.
EXpress 1-4944
Pioneer Electronic Supply Co.
SUperior 1-9411
Columbus
Buckeye Electronic Distributors, Inc.
CA 8-3265
Dayton
Srepco, Inc.
BAldwin 4-3871

OKLAHOMA
Tulsa
Radio, Inc.
LU 7-9124
S & S Radio Supply
LU 2-7173

OREGON
Portland
Lou Johnson Company, Inc.
CApital 2-9551

PENNSYLVANIA
Harrisburg
D & H Distributors, Inc.
CEdar 6-8001
Philadelphia
Almo Radio Company
WAlnut 2-5918
Radio Electric Service Co.
WAlnut 5-5840
Reading
The George D. Barbey Co., Inc.
FR 6-7451
York
Wholesale Radio Parts Co., Inc.
47-1007

TENNESSEE
Knoxville
Bondurant Brothers Company
3-9144

TEXAS
Dallas
Graybar Electric Company
RIverside 2-6451
Fort Worth
SWIECO, Inc.
ED 2-7157 (in Dallas: AN 2-5026)
Houston
Busacker Electronic Equipment Co.
JAckson 6-4661
Harrison Equipment Company
CApitol 4-9131

UTAH
Salt Lake City
Standard Supply Company
EL 5-2971

VIRGINIA
Norfolk
Priest Electronics
MA 7-4534

WASHINGTON
Seattle
Western Electronic Company
AT 4-0200

WISCONSIN
Milwaukee
Electronic Enterprises, Inc.
GR 6-4144

RAYTHEON COMPANY

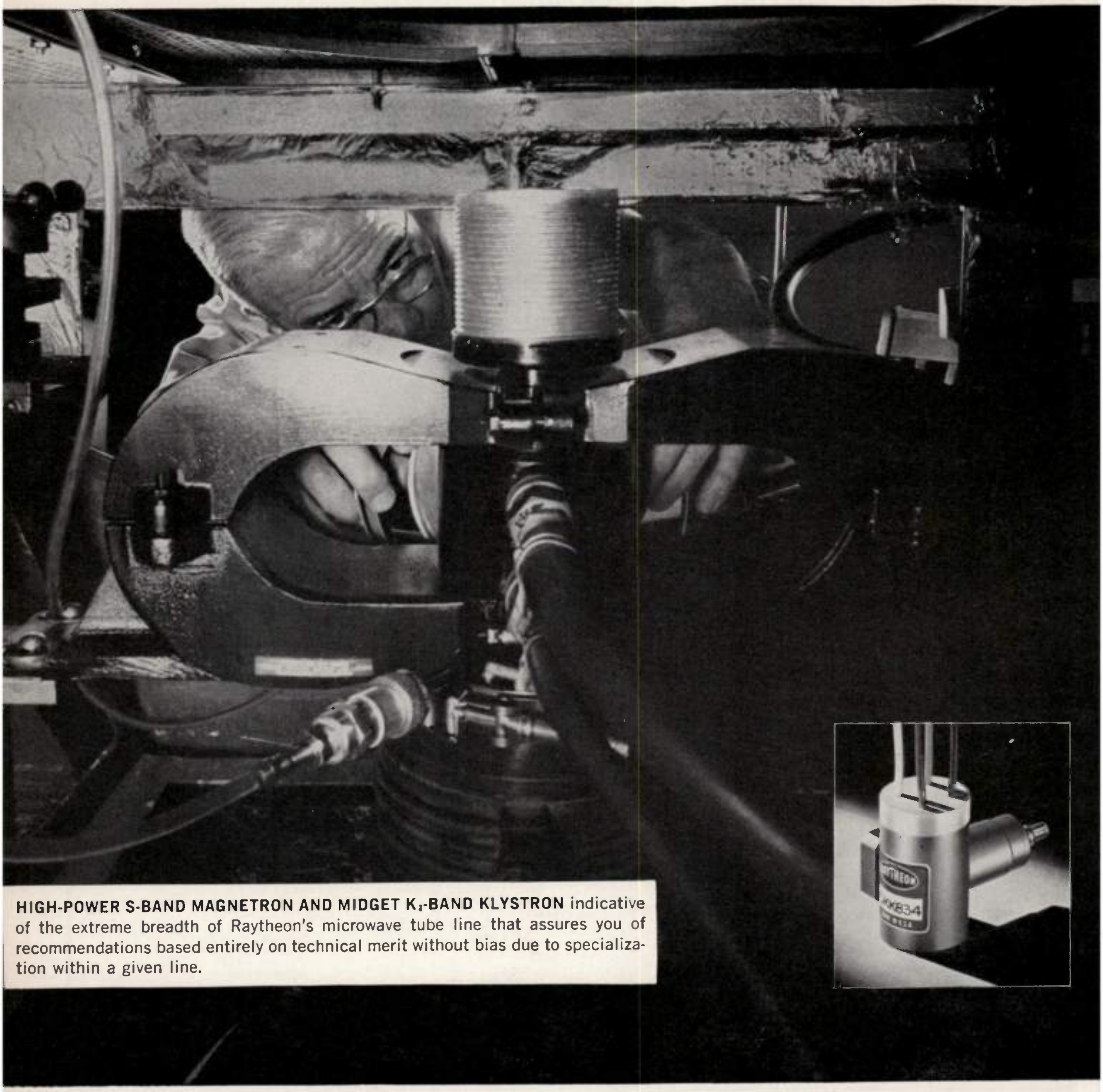
RAYTHEON

DISTRIBUTOR PRODUCTS DIVISION

TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

Quickly following up breakthroughs
with good, sound, reproducible designs...

RAYTHEON LISTS 201*



HIGH-POWER S-BAND MAGNETRON AND MIDGET K_a-BAND KLYSTRON indicative of the extreme breadth of Raytheon's microwave tube line that assures you of recommendations based entirely on technical merit without bias due to specialization within a given line.

*Active unclassified types at date this advertisement was prepared, 5/1/61.

MICROWAVE TUBE TYPES

THIS TABLE summarizes currently available unclassified tubes. Many others, both classified and developmental, are available in all categories. Write for detailed information or tell us about your special requirement.

5 AMPLITRONS* AND STABILOTRONS—The AMPLITRON, invented and produced by Raytheon, is the most highly efficient microwave tube yet developed. In addition to the types covered in this table, over 20 classified Amplitrons and their related oscillators, Stabilotrons, are in development and production. Raytheon is also developing new models for relatively low powers and extending the line from UHF through the millimeter region.

BAND	FREQ. Mcs	CLASS	PEAK POWER	NO. TYPES
L	1265-1350	Stabilotron	550kw-5.28Mw	1
L	1250-1350	Amplitron	5.28-10Mw	2
S	2700-3100	Amplitron	3.0Mw	2

*Raytheon Trademark

75 MAGNETRONS—CW Tunable (CWT), Fixed Freq. Pulsed (FFP), Tunable Pulsed (TP), Tunable Pulsed—High Duty Cycle (TP-HDC), Hydraulically Tuned Pulsed (HTP).

BAND	FREQ. Mcs	CLASS	PEAK POWER	NO. TYPES
UHF	406-680	TP; FFP	2Mw	6
L	950-1350	CWT; FFP; TP	.19kW to 5Mw	8
S	2350-3570	CWT; FFP; TP	.050kW to 4.5Mw	25
C	4268-5600	FFP; TP	1w to 1Mw	12
X	8500-9460	TP; HTP; TP-HDC; FFP	.08kw to 1Mw	19
K	15,840-24,270	FFP	40 to 85kw	5

84 KLYSTRONS—External Cavity (EC), Communications (C), Local Oscillator (LO), Thermally Tuned (TT), High Frequency (HF), Millimeter (M), High Power Amplifier (HPA)

BAND	FREQ. Mcs	CLASS	PEAK POWER	NO. TYPES
L	1245-1460	LO; HPA	70mW to 2Mw	2
C	550-10,750	EC; LO; TT; C	20mW to 1.4W	28
X	7750-11,700	C; LO; EC; TT	30mW to 1.4W	13
K	11,700-120,000	C; HF; TT; M	25 to 700mW	41

27 "O" TYPE BACKWARD WAVE OSCILLATORS

BAND	FREQ. kMc	POWER OUTPUT	NO. TYPES
L	1.0-2.0	100-1200mW	2
S	1.97-4.08	20-1000mW	7
C	3.6-8.0	20-700mW	8
X	6.7-12.4	10-300mW	8
Ke	12.4-18.0	15mW	1
Ku	18.0-26.5	15mW	1

3 "M" TYPE BACKWARD WAVE OSCILLATORS

BAND	FREQ. kMc	POWER OUTPUT	NO. TYPES
S	2.5-3.3	250-300W	1
C	3.25-4.45	250-300W	1
X	8.5-11.0	200 nom. W	1

7 TRAVELING WAVE TUBES AND CROSSED FIELD AMPLIFIERS

BAND	FREQ. Mcs	CLASS	POWER OUTPUT	NO. TYPES
S	—	CFA	300 W	1
C	2700-8000	TWT	1.0W-60kw	6

COMPREHENSIVE 72-PAGE CATALOG describes all tubes listed above and covers Raytheon complete microwave capability in tubes, magnetic components, ferrite devices and associated equipment. Write for your copy today.

RAYTHEON COMPANY

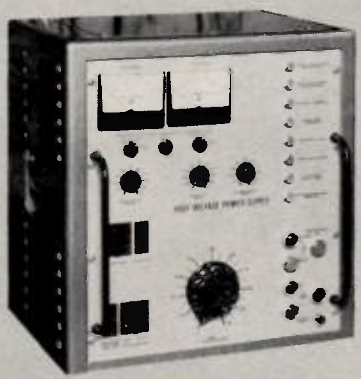
RAYTHEON

MICROWAVE AND POWER TUBE DIVISION

SALES OFFICES: BOSTON, MASS., BRowning 2-9600 • ENGLEWOOD CLIFFS, N. J., LOwell 7-4911 • BALTIMORE, MD., SOuthfield 1-0450
CHICAGO, ILL., NAtional 5-4000 • DAYTON, OHIO, BAldwin 3-8128 • LOS ANGELES, CALIF., PLymouth 7-3151 • CANADA: Waterloo, Ont., SHerwood 5-6831.

Model QM6.3-.32. Miniature Transistorized Regulated D-C Supply features regulation to ±0.05% for combined line and load variations. This is one of more than 180 miniature component-type power packs offered by Sorensen. They include, in addition to highly regulated d-c supplies, dc-to-ac inverters and dc-to-dc converters.

Model Q12-15A. One of the 18 Sorensen Q Series high-precision transistorized low-voltage supplies, features voltage regulation to ±0.05% for combined line or load variations. Models for 6, 12, 28 vdc out, with power capacities up to approximately 450 watts. Similar QR Series features precision regulation with wide output voltage adjustment range. Models cover 0-150 vdc at 1 amp, 0-75 vdc at 2 amps, and 0-36 vdc at ¾, 2, 4, and 15 amps.



Model 2150-5 (Control Section). This is just one of a tremendous variety of Sorensen high-voltage d-c supplies, high-voltage a-c and a-c/d-c testers, and electrostatic generators. Models completely cover the voltage range from 1000 to 600,000 volts. Power outputs range up to 60 kilowatts.

NEW! Your 1961 power supply handbook and catalog is ready, now!

38 pages of Information you can't afford to miss:

• Regulated d-c supplies • Frequency changers • High-voltage supplies and testers—to 300 kv. • Miniature component-type inverters, converters and d-c supplies • A-c regulators • Voltage regulating transformers.

. . . plus important application and evaluation data. More models than ever are covered in this year's big catalog. Write for your copy today. Sorensen & Company, Inc., Richards Avenue, South Norwalk, Connecticut. O.12R

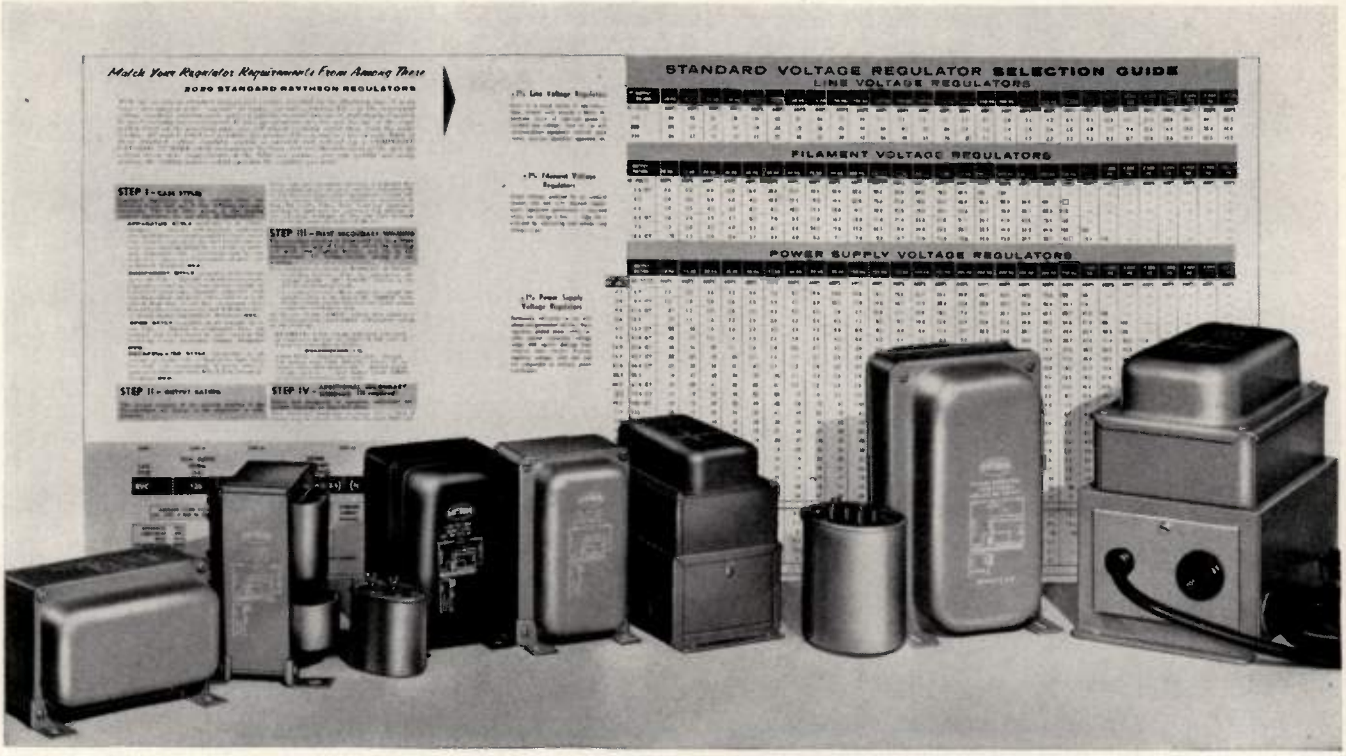
Sorensen

A SUBSIDIARY OF RAYTHEON COMPANY

CONTROLLED POWER PRODUCTS

. . . the widest line—your wisest choice

RAYTHEON SERIES 2020 VOLTAGE REGULATING TRANSFORMERS



2,020 DIFFERENT STANDARD DESIGNS to choose from! Series 2020 Raytheon magnetic regulators are conveniently listed in a comprehensive Selection Guide. Shown above are component, apparatus, encapsulated and open style units with capacitors. Ratings range from 10 to 10,000 VA.

Power, protection, regulation ...all three in one transformer!

New low-cost regulated dc power packages. These compact "RD" units are available in 132 different ready-to-operate models for standard 19-inch rack installation, 3 to 1,000 volts, 50 to 3,000 watts in 20 voltage steps and 7 power ratings. DC output is isolated and filtered with a ripple reduction to within 0.5 to 1.0% depending on model.

Series 2020 Voltage Regulating Transformers cost less than ordinary transformers plus associated regulating circuitry.

Is the transformer in your power supply merely supplying power or does it regulate voltage and protect circuits, too?

Raytheon's Series 2020 Voltage Regulating Transformers perform all three functions. They (1) provide the specified voltage and current from 10 VA to 10,000 VA, (2) stabilize voltage within ±1% and (3) protect tubes and delicate semiconductor rectifiers against power surges as well as internal and external short circuits.

These versatile "magnetic regulators" are extremely compact and inexpensive, too—take less space and cost less than ordinary transformers plus associated regulating circuitry.

WRITE TODAY FOR SELECTION GUIDE and Power Supply Design Data that helps you match your requirements from 2,020 standard units. Commercial Apparatus & Systems Division, Raytheon Company, Keeler Avenue, South Norwalk, Conn.

RAYTHEON

RAYTHEON COMPANY

COMMERCIAL APPARATUS & SYSTEMS DIVISION

Raytheon voltage regulators are also available from your local distributor.

 TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

Machlett Electron Tubes for

Broadcasting, Communications & Navigation Industry, Radar & Special Purpose

– a partial listing –

MEDIUM & HIGH POWER TRIODES

	CATHODE			MAXIMUM ANODE RATING				FULL INPUT FREQ. MCS.	COOL-ING
TYPE	VOLTS	AMPS	MU	VOLTS	AMPS	INPUT WATTS	DISS. WATTS		
ML-354	12.0	220	25	15000	12	150000	75000	20	W
ML-356	7.5	170	20	12500	6.0	60000	22500	25	W
ML-880	12.6	315	20	10500	6.0	60000	20000	25	W
ML-892	22.0	60	50	15000	2.0	30000	10000	1.6	W
ML-892R	22.0	60	50	12500	2.0	18000	4000	1.6	F-A
ML-5530	5.0	55	26	5000	1.75	8750	4000	110	F-A
ML-5530-H	5.0	55	26	8500	1.75	10000	4000	30	F-A
ML-5531	6.3	92	24	10500	3.75	30000	10000	30	F-A
ML-5541	7.5	57	26	8500	2.75	23000	10000	110	F-A
ML-5604	11.0	176	20	12500	3.0	32500	10000	25	F-A
ML-5606	22.0	60	50	14000	2.0	25000	10000	1.6	W
ML-5658	12.0	310	20	12500	5.0	60000	20000	15	W
ML-5667	11.0	120	21	10000	2.0	20000	7500	22.5	F-A
ML-5668	22.0	60	50	14000	2.0	28000	20000	5	W
ML-5669	22.0	60	50	14000	2.0	28000	10000	5	F-A
ML-5681	12.0	220	25	15000	12.0	150000	75000	30	W
ML-5682	16.5	325	30	16000	20.0	300000	120000	30	W
ML-5736	6.0	60	22	5000	1.4	5000	2500	60	F-A
ML-6256	12.6	29	20	5500	1.5	7000	5000	110	W
ML-6257	12.6	29	20	5500	1.5	7000	5000	110	W
ML-6258	12.6	29	20	5500	1.5	7000	3000	110	F-A
ML-6420	7.0	85	20	10000	2.2	20000	12500	30	W
ML-6421	7.0	85	20	10000	2.2	20000	10000	30	F-A
ML-6422	7.0	85	90	12500	2.5	30000	20000	30	W
ML-6423	7.0	85	90	12500	2.5	30000	12500	30	F-A
ML-6424	7.0	120	20	12500	3.5	40000	20000	30	W
ML-6425	7.0	120	20	12500	3.5	40000	12500	30	F-A
ML-6426	8.0	200	20	12500	8.0	80000	40000	30	W
ML-6427	8.0	200	20	12500	8.0	80000	20000	30	F-A
ML-6576	7.5	170	5.5	12000	5.0	45000	22500	25	W
ML-6623	6.0	60	22	5000	1.4	5000	2500	30	F-A
ML 6696	13.0	205	20	16000	11	120000	60000	30	W
ML-6697	13.0	205	20	16000	11	120000	35000	30	F-A
ML-7120	7.0	85	4.4	10000	2.2	20000	12500	30	W
ML-7124	8.0	200	4.7	12500	8.0	80000	40000	30	W
ML-7479	8.0	200	20	12500	8.0	90000	50000	30	V
ML-7482	16.5	450	55	20000	30.0	600000	200000	30	V
ML-7560	16.5	450	55	20000	30.0	600000	175000	30	W

MEDIUM POWER TETRODE

ML-7007	5.0	180	10	7500	4	24000	12000	220	F-A

UHF TRIODES

ML-2C39A	6.3	1.0	100	1000	0.100	100	100	2500	F-A
ML-2C39WA	6.0	1.0	100	1000	0.100	100	100	2500	F-A
ML-3CPN10A5	6.0	1.0	100	3500†	3.0†	26	10	3000	C
ML-3CX100A5	6.0	1.0	100	1000	0.100	100	100	2500	F-A
ML-6442	6.3	0.9	50	3000†	2.5†	7.5	8	5000	C
ML-6771	6.3	0.57	90	300	0.025	90	6.25	4000	C
ML-7209	6.0	1.0	100	3500*	3.0*	35	35	3000	F-A
ML-7210	6.3	0.85	75	3500†	2.8†	25	25	3000	F-A
ML-7211	6.3	1.3	80	1000	0.150	150	100	2500	F-A
ML-7289	6.0	1.0	100	1000	0.100	100	100	2500	F-A
ML-7698	6.3	1.3	80	3500*	5.0*	58	10	3000	C
ML-7855	6.0	1.0	80	1000	0.100	100	100	2500	F-A

TELEVISION CAMERA TUBES

TYPE	PHOTOCATHODE SIZE DIAGONAL	DEFLECTION METHOD	SPECTRAL RESPONSE	SIGNAL OUTPUT	TARGET	GRID VOLTAGE G_1	G_2	G_3	G_4	G_5
5820 Image ORTHICON	1.8"	magnetic	S-10	3-24μa		−24 to −110	300	250 to 330	140 to 180	0 to 125
ML-7038A VIDICON	.63"	magnetic	S-18	.1-.3μa (2-14 ft-C)	50-110	−125	350	350	350	—
ML-7291A Broadcast VIDICON	.63"	magnetic	S-18	.1-.3μa (2-14 ft-C)	50-80	−125	350	350	350	—
ML-7351 High Sensitivity VIDICON	.63"	magnetic	peak at 6000A°	.1-.32μa (.1-1.0 ft-C)	40	−125	350	350	350	—
ML-S-522B	.63"	magnetic	U-V	.1-.3μa (.4μa/μw peak sens)	10-50	−125	350	350	350	—

HARD PULSE MODULATOR TUBES

	CATHODE			MAXIMUM RATINGS			
	VOLTS	AMPS	MU	VOLTAGE Peak-kv	CURRENT Pulse-amps	PLATE Diss-kw	COOL-ING
DP-11	13.0	210	125	125	300	30	W
ML-6544	6.0	60	90	25	75	1	F-A
ML-7248	6.3	11.7	—	125	2.0	0.2	R-C
ML-7333	6.0	16	175	25	18	0.06	R-C
ML-7335	6.0	70	125	20	75	5	L
ML-7560	16.5	450	55	55	550	175	W
ML-7668	12.6	29	—	150	15	0.75	R-C
ML-7715	6.0	60	400	70	90	3	F-A

HIGH VACUUM RECTIFIER and/or CLIPPER DIODES

	CATHODE		ANODE RATINGS			
TYPE	VOLTS	AMPS	INV. PKV	PEAK MA	INSULA-TION	COOL-ING
ML-102A	20	19.0	75	750	Air	C
ML-141	5.5	6.5	125	750	Oil	R-C
ML-142	3.8	6.6	100	300	Oil	R-C
ML-148	5.7	6.6	150	1000	Oil	R-C
ML-199	12	23	110	10000	Air	C
ML-322	6.3	.95	.8	600	Air	C
ML-5575/100	20	24	150	1000	Air	C
ML-5576/200	20	32	150	2500	Air	C
ML-6908	12	23	150	10000	Oil	R-C

STORAGE TUBES

	DIAMETER:	LENGTH:	DEFLECTION METHOD	FOCUSING METHODS
TMA-403X (Scan Converter)	3.0"	26.6"	Magnetic (Write Gun) Electrostatic (Read Gun)	Electrostatic (Write and Read Gun)
ML-6577 (Storage Display Tube)	5.0"	30.25"	Electrostatic	Electrostatic

LEGEND:

R-C . . . Radiation and Convection
W . . . Water
F-A . . . Forced Air
C . . . Convection
L . . . Liquid
V . . . Vapor
‡ . . . D-C Cathode Current
* . . . Duty Cycle: 0.0033
† . . . Duty Cycle: 0.0025 max
§ . . . Hold-Off Voltage

MACHLETT

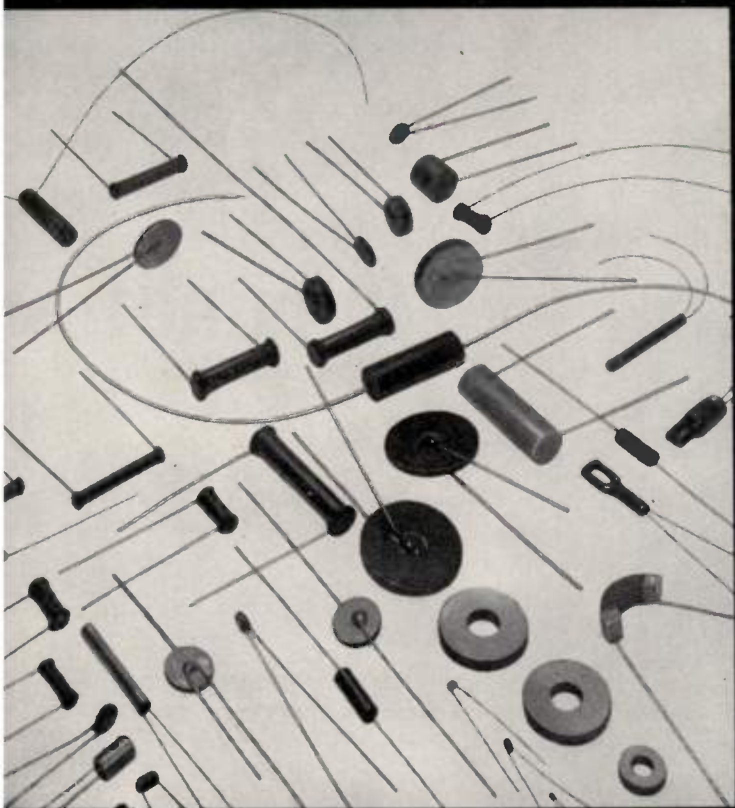
THE MACHLETT LABORATORIES INC.
Subsidiary of Raytheon Co.
SPRINGDALE, CONNECTICUT

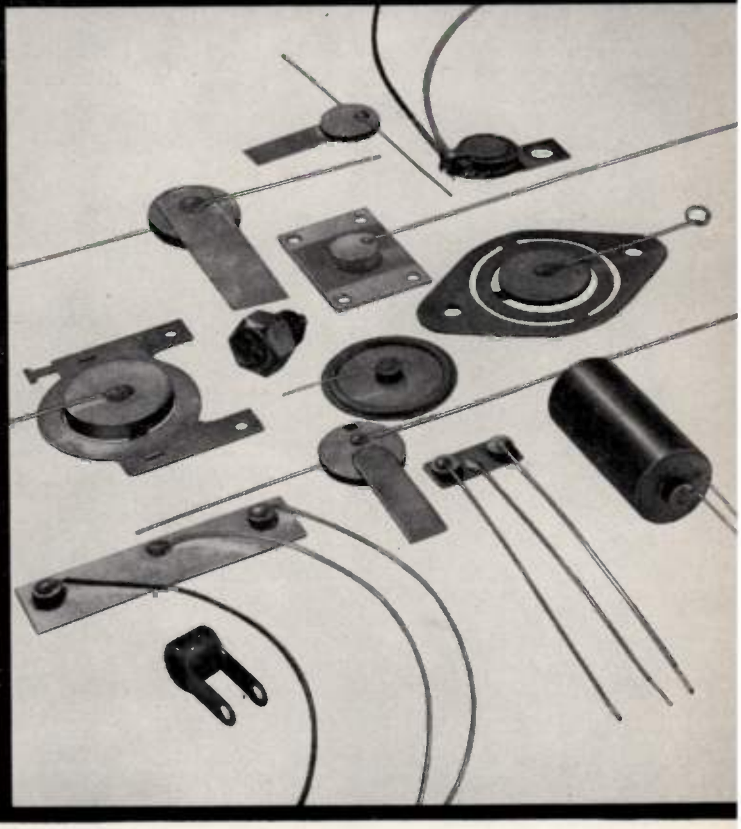
IN THERMISTORS

—the key name is Keystone

...whether you need **10** or **10,000,000** pieces—

STANDARD PARTS ... or SPECIAL ASSEMBLIES





Versatility Plus . . .

A partial list of small discs and rods, all with identical characteristics

Temperature Coefficient (25°C) –3.8% / °C
Beta Value (37.8°C / 104.4°C) 3500°K
Ratio (37.8°C / 104.4°C) 7.3

Resistance 25° C	Keystone Type Number	Diameter (Inches)	Thickness (Inches)
500	L0503-312-73	0.050	0.030
160	L0903-100-73	0.100	0.030
500	L0903-312-73	0.100	0.030
1000	L0909-623-73	0.100	0.100
100	L2003-62-73	0.200	0.030
180	L2006-112-73	0.200	0.060
200	L2006-125-73	0.200	0.060
230	L2006-143-73	0.200	0.060
270	L2008-168-73	0.200	0.080
300	L2008-187-73	0.200	0.080
100	L3006-62-73	0.300	0.060
200	L3008-125-73	0.300	0.080
250	L3008-156-73	0.300	0.080
300	L3018-187-73	0.300	0.180
270	L060637-168-73*	*Rod, 0.060" square, 3/8" Length.	
5000	L060637-3120-73*		
10000	L060437-6234-73*		

Special Mounting Requirements

Thermistor applications often dictate special mounting requirements. As a result, Keystone units are supplied with many types of special lead assemblies, mounting tabs, heat dissipating fins. Units are mounted in probes and transistor type cans, attached

Keystone has the experience (over almost a quarter of a century), the knowledge and production capability to handle your thermistor requirements in any quantity—of any type and size.

Because of unsurpassed quality control, your tolerance specifications are acceptable to ± 2% on resistance value and Beta value (in fact, we maintain a ± 2% production tolerance on the material constant of *all* Keystone thermistors regardless of resistance tolerance). All parts can be supplied in pairs or sets matched closely in resistance-temperature or voltage drop characteristics.

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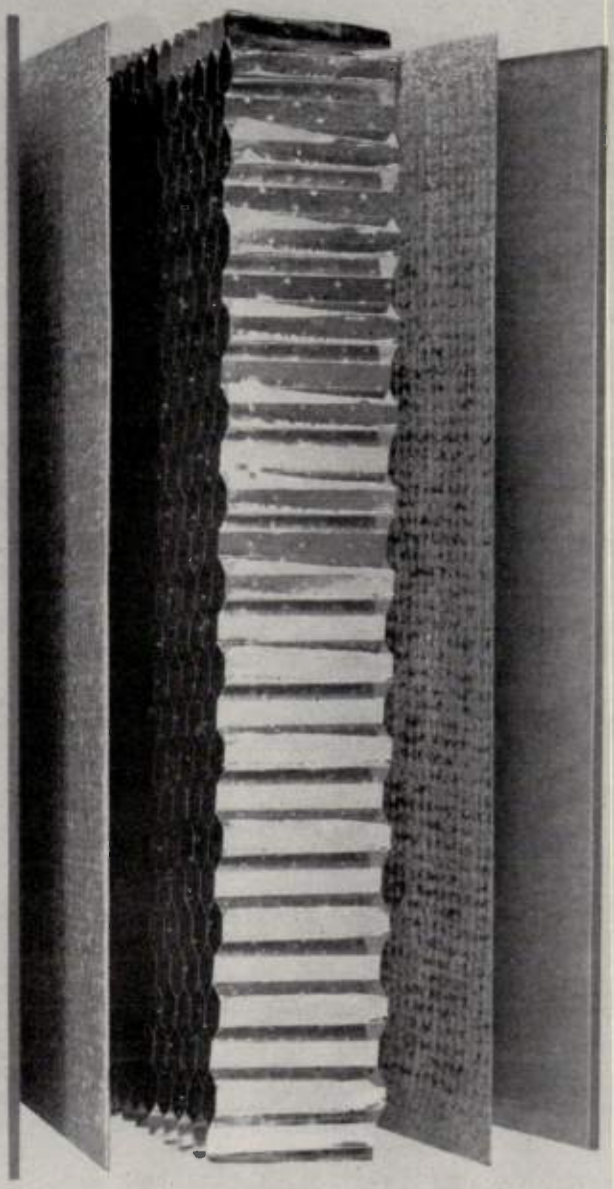

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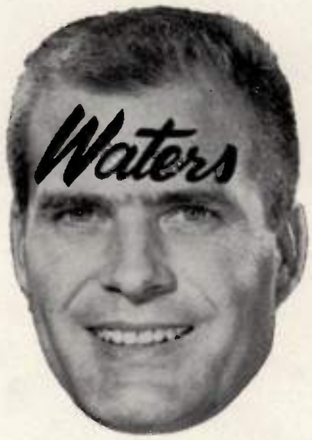

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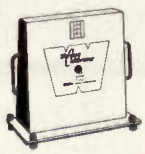

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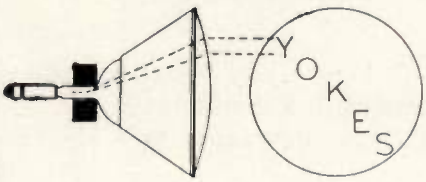
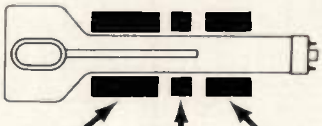


MAGNETIC WRITING
MAGNETIC POSITIONING
DYNAMIC FOCUSING COIL



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Celco Deflection Yokes permit rapid presentation of random character an alpha numeric displays. Low hysteresis, high accuracy and fast Recovery tim with emphasis on spot approach to absolute zero, assures highest performance c magnetic deflection character displays.

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Single units or production quantities immediately available in wide range of inductance - resistance - Recovery time - pin cushion corrected or optimum focus as required. Also available 2-1/8" and 2-1/2" neck CRT yokes.

TYPE BY
Transistorized encapsulated yokes for 70° 7/8" neck CRT and 1" neck image storage tubes.

TYPE AY
Push-pull or single ended yokes for 52°, 70° and 90° deflections for 1-7/16" neck CRT.

TYPE RY
Rotating deflection yokes for PPI displays. Gears, bearings, slip rings and contact assembly included.

TYPE DF
Dynamic Focusing Coil for 1 7/16" neck CRT's.

TYPE MY
Miniature light weight deflection yoke coils or assemblies for incorporation into customer housings.

Celco ENGINEERED YOKES FOR PRECISION DISPLAYS

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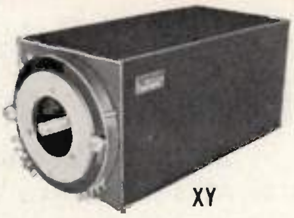
High speed writing yoke.



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PI
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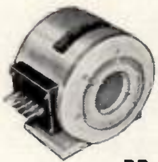

BR
2 axis 5 or 8 slip ring, geared, rotating yoke.

MS
Miniature deflection yoke for rotating or fixed coil radar system.

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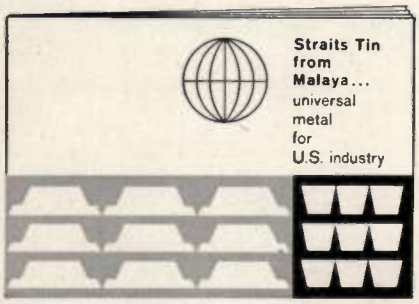

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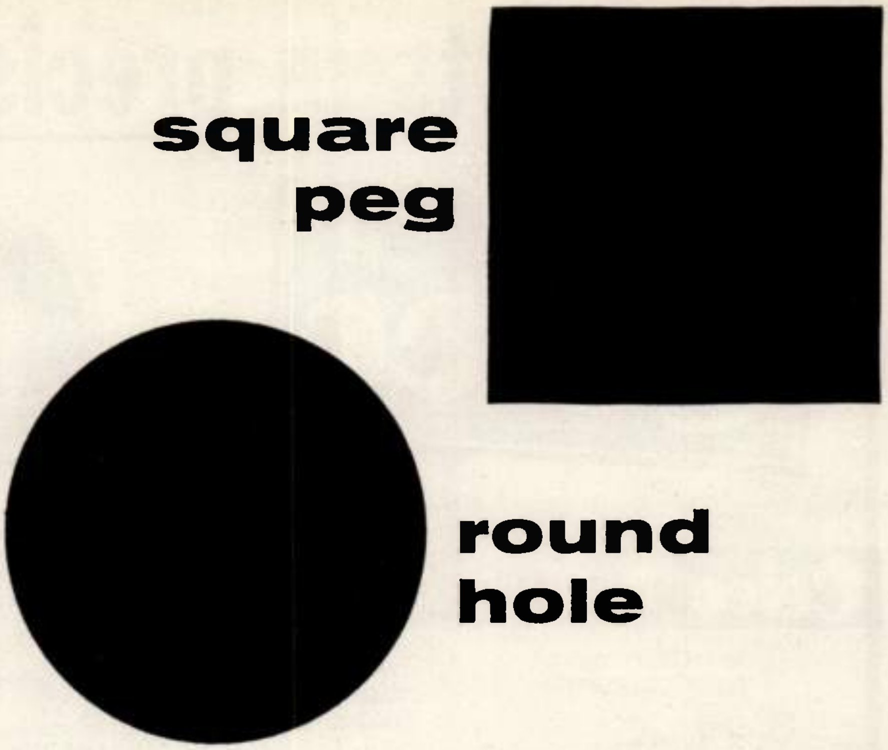

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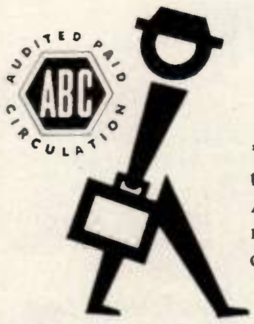

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Available now for the first time — the only light weight, 5 Mc dual gun oscilloscope with all these features:

VERTICAL AMPLIFIERS: DC to 5 Mc bandwidth (3 db); 70 nanoseconds rise time; 100 v/cm to 100 mv/cm on both amplifiers, 1 mv/cm preamplifier on lower amplifier.
INPUT IMPEDANCE: (each channel) 30 picofarads across 1 Megohm.
HORIZONTAL SWEEP: 1 microsecond/cm to 1 second/cm in 5 steps.
TRIGGER: Internal; free running, or with 0.5 cm excursion by either beam; External; ±0.5 v to 2.5 v ; TV frame and TV line.
WEIGHT: 22 pounds **SIZE:** 9½" x 8½" x 13"
Price: Model 5Mc-2 Oscilloscope with 2 Probes $495.00 Immediate delivery. All prices are quoted f.o.b. Los Angeles, and are subject to change without notice.

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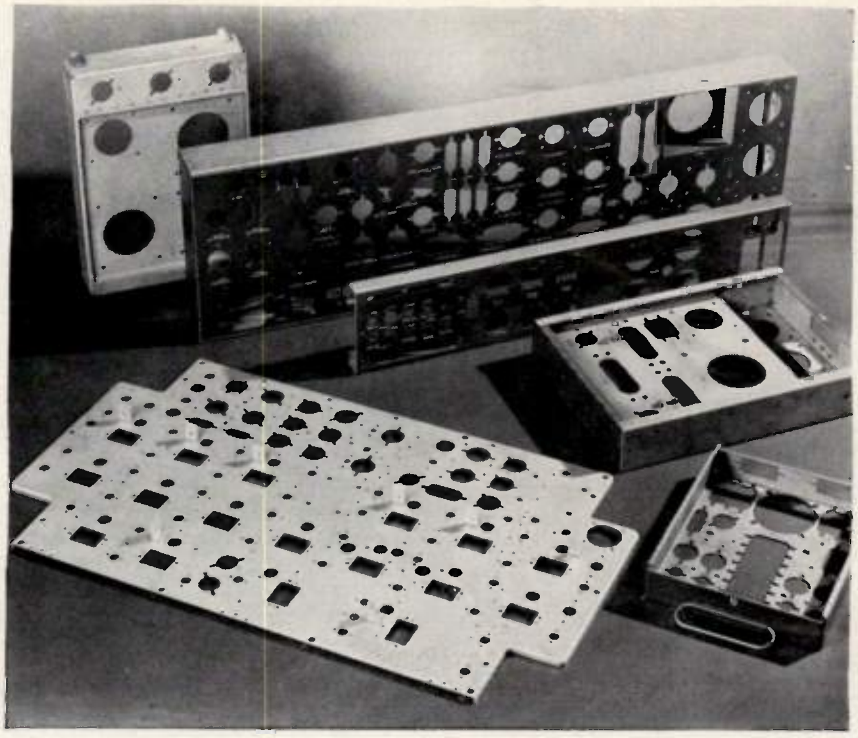

PUNCH COMPLICATED PATTERNS FAST WITH STRIPPIT FABRICATORS

SUPER 30. Handles flat or formed workpieces 60″ wide...any length. Both the Super 30 and the 15A punch round and shaped holes up to 3½″ diameter, to ¼″ thick material...notch 90° corners—rectangular, radii, vee and special shape edge notches —up to ⅛″ capacity...nibble straight line or contour shear up to 38″ diameter circle, at 165 strokes a minute in ⅛″ material.

STRIPPIT DUPLICATOR
For low cost production runs on the Super 30 or 15A, the STRIPPIT Duplicator functions like a pantograph to reproduce any hole pattern from a drilled or punched template. No custom dies needed to turn out precision sheet metal parts.

NEW 15A. Designed for workpieces up to 30″ wide...any length...the new 15A Fabricator offers all the speed and accuracy of the Super 30. Each machine, with its own universal tool holder, makes it possible to interchange standard and special tools in seconds to minimize down-time. Flat punched parts produced require no deburring. Multi-stop micrometric gaging system positions work rapidly to exact layout specifications.

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WEINSCHEL

Fixed Coaxial Attenuators DC to 12.4 KMC

SPECIAL FEATURES

Stability

All Weinschel attenuators are made with Weinschel's own stable film resistors. These resistors give maximum stability even under peak pulse power and under extreme temperature and humidity cycling.

Vibration and Shock Resistance

Quality materials and workmanship combined with solid construction in these Weinschel attenuators give excellent resistance to shock and vibration.

RETMA Color Coding

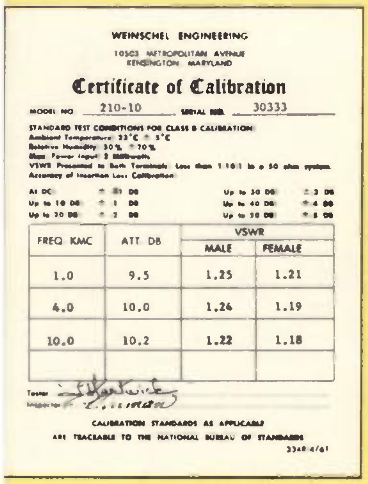
The nameplate of each of these attenuators is colored with the RETMA color coding for easy identification of values. This is the first time that color coding has been available on attenuators.

Stainless Steel Connectors

To give maximum life with minimum wear, Weinschel attenuators are equipped with stainless steel connectors, eliminating peeled-off plating and corrosion while providing long years of use.

Close Tolerance

To assure reliable mating of the connectors, the critical dimension of the inner contact depth is held to ±0.005 inches. This is even closer than the NBS requirements for testing.



WEINSCHEL ENGINEERING
10503 METROPOLITAN AVENUE
KENSINGTON MARYLAND

Certificate of Calibration

MODEL NO 210-10 SERIAL NO. 30333

STANDARD TEST CONDITIONS FOR CLASS B CALIBRATION
Ambient Temperature 23°C ± 5°C
Relative Humidity 30% – 70%
Max. Power Input 2 Milliwatts
VSWR Presented to both Terminals: Less than 1.10:1 in a 50 ohm system.
Accuracy of Insertion Loss Calibration

At DC	± .01 DB	Up to 30 DB	± .3 DB
Up to 10 DB	± .1 DB	Up to 40 DB	± .4 DB
Up to 20 DB	± .2 DB	Up to 50 DB	± .5 DB

FREQ KMC	ATT DB	VSWR MALE	VSWR FEMALE
1.0	9.5	1.25	1.21
4.0	10.0	1.24	1.19
10.0	10.2	1.22	1.18

Tester
Inspector

CALIBRATION STANDARDS AS APPLICABLE ARE TRACEABLE TO THE NATIONAL BUREAU OF STANDARDS

3348 4/61

Certificate of Calibration

Each of these Weinschel coaxial attenuators is supplied with a Certificate of Calibration similar to the one shown. The certificate gives insertion loss and VSWR test data for that attenuator at certain specified frequencies. The accuracy of these data is explicitly stated on the certificate and is fully guaranteed by the Weinschel Engineering Company.

Coaxial Terminations

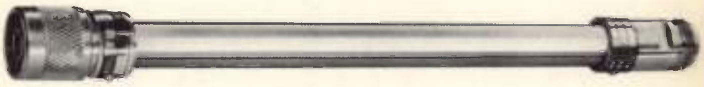
Model 535

Frequency Range: DC-10 kmc
Impedance: 50 ohms
Calibration Data Supplied:
DC resistance accurate to 0.25%
Additional Test Information Supplied:
VSWR at 0.4, 1, 2, 4, 7.5 and 10 kmc
Maximum Power Input:
Average 1 watt, peak 1 kw
Connectors: Types N, C, BNC, and TNC available

(Request complete specifications)

Model 210 Attenuator

Attenuation Range: 1-20 db
Frequency Range: 1-12.4 kmc for attenuation values to 10 db
2-12.4 kmc for 20 db attenuators
Impedance: 50 ohms
Calibration Data Supplied: Insertion loss in 50 ohm system at 1, 4, and 10 kmc for attenuation values to 10 db; at 2, 4, and 10 kmc for 20 db attenuators
Additional Test Data Supplied: VSWR for both connectors at the same frequencies
Connectors: Type N stainless steel (Types C, SC, BNC, and TNC also available)
Finish: Stainless steel body *(Request complete specifications)*



Model 50 Attenuators

Attenuation Range: 1-80 db
Frequency Range: DC - 3 kmc
Impedance: 50 ohms
Calibration Data Supplied: Insertion loss in 50 ohm system at DC, 1, 2 and 3 kmc
Additional Test Data Supplied: VSWR for both connectors at these 3 R.F. frequencies
Maximum Input VSWR (when terminated in 50 ohms): 1.20 up to 3 kmc
Maximum Power Input (when terminated in 50 ohms): Average 1 watt, peak 1 kw
Connectors: Type N stainless steel (Types C and SC also available) *(Request complete specifications)*

Model 10 Attenuators

Attenuation Range: 1-20 db
Frequency Range: DC-1.5 kmc (useful to 2.0 kmc in many non-critical applications)
Impedance: 50 ohms
Calibration Data Supplied: Insertion loss data at DC, 0.5, 1.0 and 1.5 kmc
Maximum Input VSWR (when terminated in 50 ohms):
1.15 to 1 kmc
1.30 to 1.5 kmc
Maximum Power Input (when terminated in 50 ohms): Average 35 watts for 1 db; 18 watts for 2 db; 15 watts for 3 db; 12 watts for 4 db; 10 watts for 5 db and over. Peak Power 10 kw.
Connectors: Type N stainless steel
Finish: Black anodized aluminum body

(Request complete specifications)

Model 693 Attenuator

Attenuation Range: 1-20 db
Frequency Range: DC-1.5 kmc (useful to 2.0 kmc in many non-critical applications)
Impedance: 50 ohms
Calibration Data Supplied: Insertion loss at DC, .5, 1.0 and 1.5 kmc
Maximum Input VSWR (when terminated in 50 ohms):
1.15 to 1 kmc
1.30 to 1.5 kmc
Maximum Power Input (when terminated in 50 ohms): Average 70 watts for 1 db; 36 watts for 2 db; 30 watts for 3 db; 24 watts for 4 db; 20 watts for 5 db and above. Peak Power 10 kw.
Connectors: Type N stainless steel
Finish: Black anodized aluminum *(Request complete specifications)*

Power Measuring Systems

R.F. POWER
RATIO METER

PRECISION
R.F. POWER
BRIDGE

Model BA-7

Maximum range of measurement in one step is 45 db (R.F.) using a maximum of 1 microwatt R.F. power

The BA-7 is the heart of a video detector system designed primarily for R.F. crystals. For greater versatility, a DC biasing circuit is included to permit use of conventional barretters, requiring a DC bias between 0 and 10 ma. The unit can be used to measure very high power ratios such as occur in making antenna pattern measurements, to determine the rejection coefficients of R.F. filters, and to calibrate attenuators. It has a wide dynamic linear range, a low noise level and a wide R.F. range where video crystal mounts are available.

(Request complete specifications)

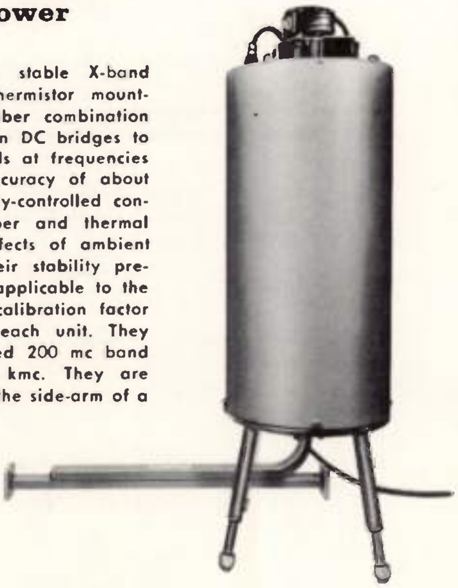
Model PB-1

The Model PB-1 is a DC substitution bolometer bridge which capable of accuracies of 0.1% in the measurement of subs tuted DC power. This instrument is used in standards labor tories which require the highest possible accuracy in hi frequency power measurements. It is also used in the transf of calibration factors from one bolometer mount to anoth When used for the very precise measurement of insertion lo up to about 10 db, this measurement becomes directly traceab to DC resistance and voltage standards.

(Request complete specifications)

Models 811, 813, and 815 X-Band Power Standard

In combination with a stable X-band source, this 200 ohm thermistor mount-coupler-temperature chamber combination is used with our precision DC bridges to establish R.F. power levels at frequencies in the X-band to an accuracy of about 1.1%. The thermostatically-controlled constant temperature chamber and thermal isolator eliminate the effects of ambient temperature changes. Their stability preserves the 1% accuracy applicable to the NBS test report for the calibration factor which is supplied with each unit. They operate over any specified 200 mc band between 8.2 and 11.2 kmc. They are permanently mounted on the side-arm of a 3 db directional coupler.



BOLOMETER
MOUNTS

Model 675-A Coaxial Thermistor Mount

This 200 ohm thermistor mount is used with our precision DC bridges to measure R.F. power in the frequency range of 100 to 4000 mc. The very long thermal time constant of the bolometer mount eliminates the effects of rapid ambient temperature changes. Its stability preserves the calibration factor which is supplied to an accuracy of 2% by Weinschel Engineering at 400, 1000 and 1500 mc. Calibration factors at other frequencies are supplied on special order.

(Request complete specifications)

THERMISTOR
BRIDGES

Models TB-2A and TB-3

Uses:

- Calibration of output level of standard signal generators
- Calibration of bolometer mounts
- Power monitor in precision measurements requiring constant power level
- Establishing known R.F. power levels for calibration of power meters and other power sensitive devices

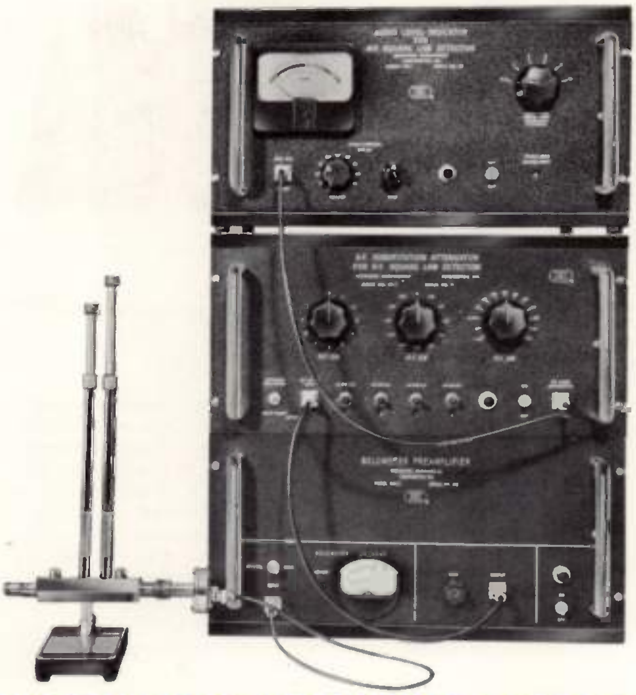
Specifications:

- R.F. Power Level: TB-2A - 1.00 mW TB-3 - 10.0 mW
- Accuracy of Substituted DC Power: ±.15%
- Calibration Factor Range: 0.85 to 1.05, adjustable in steps of .01

(Request complete specifications)

EINSCHEL

Insertion Loss Measuring Systems

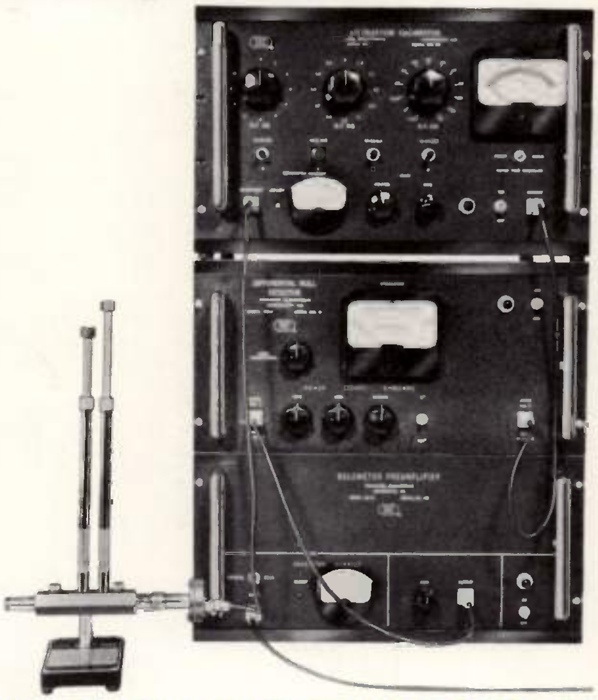


SINGLE CHANNEL INSERTION LOSS TEST SET

- Measures attenuation directly up to 30 db
- Typical systems error: 0.1 db
- Resolution: about 0.02 db
- Frequency range: 20 mc to 90 kmc

This set includes the Bolometer Preamplifier, Model BA-1; the A.F. Substitution Attenuator for R.F. Square Law Detector, Model CF-1; and the Audio Level Indicator, Model IN-1.

Write for Weinschel Engineering Application Note # 1.



DUAL CHANNEL INSERTION LOSS TEST SET

- 0.01 db precision for 20 db measurement with changes of 0.1 db in level of R.F. source
- Typical systems accuracy: .02 db/10 db
- Attenuation range: 20 db, direct; 40 db with partial R.F. substitution
- Frequency range: 20 mc to 90 kmc

This set includes the Attenuation Calibrator, Model BA-5; the Differential Null Detector, Model ND-1; and the Bolometer Preamplifier, Model BA-1.

Write for Weinschel Engineering Application Note # 4.

EP ATTENUATORS

Models 60 through 64

requency Range: DC-2 kmc

npedance: 50 ohms

laximum Power Input: 0.1 watt

laximum VSWR: (When terminated in 50 ohms) DC-1 kmc: 1.15 DC-2 kmc: 1.25

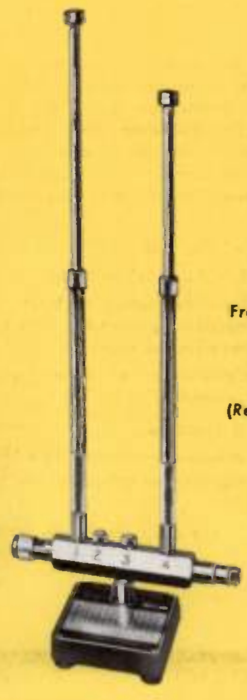
alibration Data Supplied: Insertion loss data at DC, 1 and 2 kmc for each step to an accuracy of .02 db up to 10 db and .02db/10db above 10db. VSWR data for each terminal at same frequencies.

Ranges:
Model 60: 0-60 db in 1 db steps
Model 61: 0-10 db in 1 db steps
Model 62: 0-50 db in 10 db steps
Model 63: 0-4 db 1 step from 0 to 3 db, 10 steps of 0.1 db from 3 to 4 db
Model 64: 0-64 db (consists of Models 61, 62 and 63)
Model 71: 0-120 db in 10 db steps

Laminated calibration data mounted on front panel

(Request complete specifications)

DOUBLE STUB TUNERS



- Chart on base for easy matching
- Collet-type locks prevent accidental movement of stubs
- Adjustable spacing between stubs
- Adjustable height of connectors

Frequency Ranges
DS 109 .75 to 10 kmc
DS 109L .4 to 4 kmc
DS 109LL .2 to 2 kmc

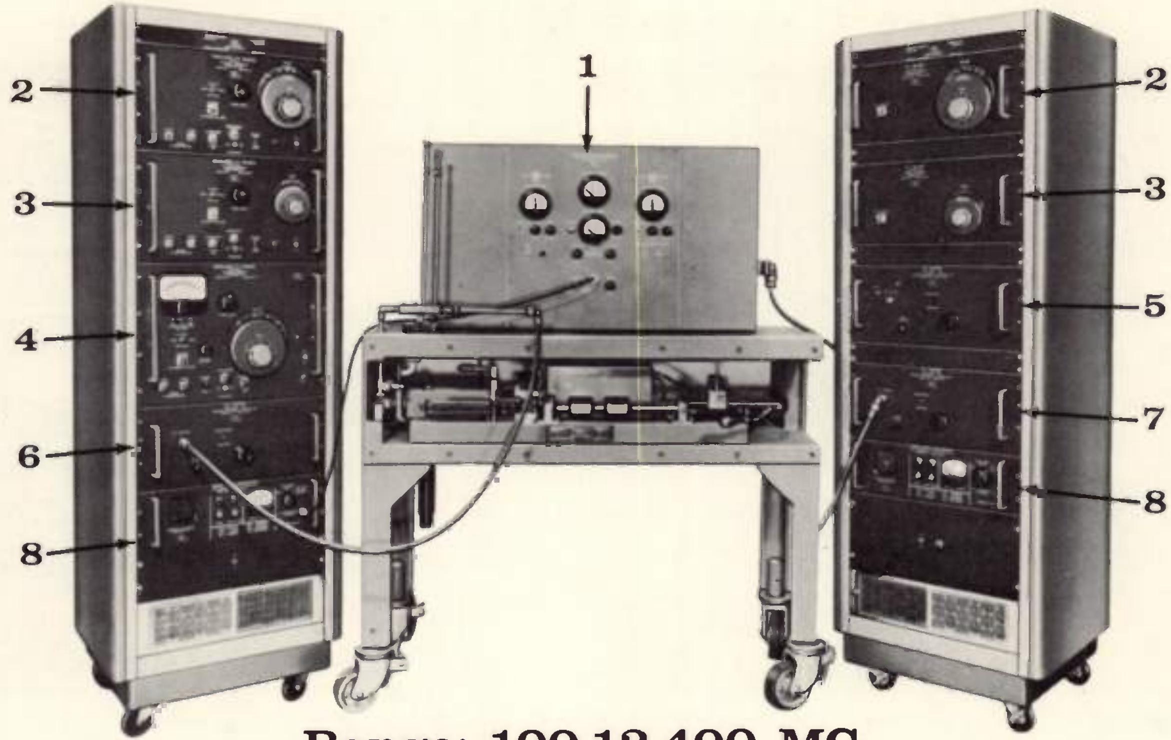
(Request complete specifications)

Model DS-109

VM-1 and R.F. Sources

Complete Attenuation Measuring System

Signal Sources — **Local Oscillators**



Range: 100-12,400 MC

Picture shows a complete system for the range 100-4000 MC. Signal sources and local oscillators to 12,400 MC available.

1.	VM-1		5.	MS-8	900-2200 mc
2.	MS-12	50-250 mc	6.	MS-9V	2100-4200 mc
3.	MS-13	250-920 mc	7.	MS-9	2100-4200 mc
4.	MS-3	900-2200 mc (self contained)	8.	MO-3	Power Supply Modulator

The Weinschel VM-1, combined with Weinschel mixers, signal sources, and local oscillators like those shown above, makes the only complete system commercially available from one source which offers standards laboratory accuracy over such a great dynamic range. Each component is designed for compatability, resulting in optimum systems performance.

Uses of the VM-1

- Standards Laboratories
- Precision testing on 100% basis in certain production applications where state-of-the-art accuracies are required
- Calibration of output attenuators of signal generators

Special Features

- Dynamic Range -15 dbm to -121 dbm
- Precision of .02 db for 70 db measurement
- Accuracy between -21 and -81 dbm exceeds 0.02 db/10 db
- Frequency drift of R.F. source compensated for by AFF of local oscillator
- Stated accuracies obtained direct-reading. No calibration curves or correction charts are necessary
- Measures 120 db accurate to .4 db with +19 dbm maximum level
- Easy operation, saving many man hours of skilled personnel

Specifications:

- Frequency Range: 100 - 12, 400 mc
- Voltage Range: 40 millivolts - 0.2 microvolt, corresponding to power levels of -15 dbm to -121 dbm in a 50 ohm system
- Attenuation Range: 106 db in one step. 120 db with partial R.F. substitution.

For complete details, write the Application Engineering Department, Weinschel Engineering Company.

®
WEINSCHEL ENGINEERING

KENSINGTON, MARYLAND Phone: LOckwood 4-0121 TWX: KENS 446

Printed in U.S.A

WEINSCHEL ENGINEERING

announces substantial

PRICE REDUCTIONS

ON PULSE GENERATOR & POWER BRIDGES

Increased sales combined with new developments in production material and techniques make possible a price reduction at a time when most companies are caught in the inflationary spiral.

The highly precise equipment for which Weinschel Engineering is well recognized requires extreme care in production, quality control and testing. An intensive program of research in production techniques has recently resulted in even greater efficiencies and savings than were formerly possible. These savings are reflected directly in new, reduced prices for these instruments:

WEINSCHEL PULSE GENERATOR

	Formerly	Reduced to*
Model PG-1A	~~$2,150.00~~	$1,150.00

WEINSCHEL POWER BRIDGE

	Formerly	Reduced to*
Model PB-1	~~$2,500.00~~	$2,100.00

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Model TB-2A	~~$1,950.00~~	$1,350.00

WEINSCHEL THERMISTOR BRIDGE

	Formerly	Reduced to*
Model TB-3	~~$1,950.00~~	$1,350.00

*Prices subject to change without notice.

Write today for more information on the instruments and for our new price list.

WEINSCHEL
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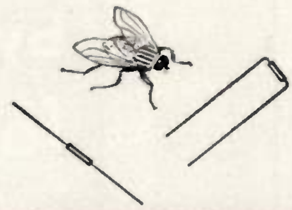
PRECISION MICROWAVE MEASUREMENT INSTRUMENTS AND SYSTEMS
KENSINGTON, MARYLAND
Phone: LO 4-0121 TWX: KENS 446

New!

ACTUAL SIZE



SUB-MINIATURE WIRE WOUND RESISTORS

100 PHYSICAL SIZES

Precision Resistors, Type TX (temperatures to +85°C ambient), and Type SX (temperatures to +125°C ambient), are unsurpassed in uniformity of performance.

New winding techniques mass-produce resistors free from dangerous "cross-overs" and insulation breakdowns. Maximum **reliability** is assured . . . and . . . at mass-production prices.

According to your need, PRECISION'S Type TX Resistors may be had in the size and resistance value you want for your circuit. Terminals may be either axial or radial. Tolerances are standard from ±1% to ±1/20%. Where extreme accuracies are required, tolerances to ±1/100% may be obtained . . . inductively or non-inductively wound.

Military requirements are to PRECISION'S specifications.

PHYSICAL SIZE: Available in 100 sizes, ranging from diameters from 1/16" through 3/8" and lengths from 3/16" to 1-1/2".

RESISTANCE RANGES: From .01 ohm through 5.0 megohm — in any resistance value required or decimal part thereof.

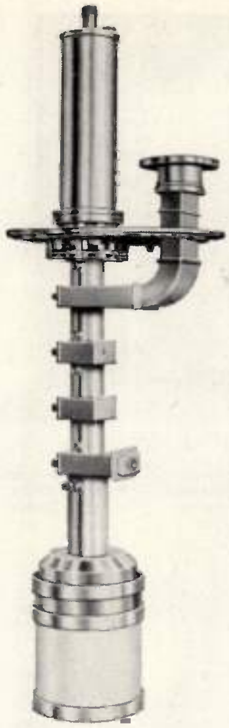
ACCURACY: ±5% to ±1/20%. Tolerances ±1/50% to ±1/100% (absolute) available on specification.

TEMPERATURE COEFF. OF RESISTANCE: Standard ±0.0005%/°C. throughout. Special temperature coefficient ±5000 ppm/° to ±1 ppm/°C.

For complete information about PRECISION'S Sub-Miniature Type TX Resistors, write to:

PRECISION RESISTOR Co., Inc.
MANUFACTURERS OF WIRE WOUND RESISTORS EXCLUSIVELY
131 U. S. Highway #22, Hillside, New Jersey


External Cavity


Internal Cavity


Combination Cavity

EIMAC POWER AMPLIFIER KLYSTRONS

and Key Accessories

At Eimac you'll find the most advanced amplifier klystrons anywhere. For Eimac is the only manufacturer designing klystrons three ways to best meet specific performance requirements: internal cavity, external cavity and combination cavity. That's why these tubes are now in widespread use in high power applications the world over. And watch for klystrons to come—the result of Eimac's unmatched tube-making skills and complete developmental facilities.

POWER AMPLIFIER KLYSTRONS

	User Price	TYPICAL OPERATION: Output Power, Watts CW	Pulse	Power Gain db	Frequency Range Mc	MAXIMUM RATINGS: Beam Voltage Volts	Beam Current Amps
3K2500LX	$ 2,360.00	1000	—	25	980-1200	7000	0.6
3K2500SG	2,950.00	1000	—	25	1700-2400	7000	0.6
3K3000LQ	2,360.00	2000	—	30	610- 985	9000	0.75
3K50,000LA	4,200.00	10,000	12,000[7]	25	470- 580	20,000	2.5
3K50,000LF	4,200.00	10,000	12,000[7]	25	580- 720	20,000	2.5
3K50,000LQ	4,200.00	10,000	12,000[7]	25	720- 985	20,000	2.5
3K210,000LQ	23,500.00	60,000	—	22	755- 985	30,000	10.0
3KM3000LA	2,470.00	2000	—	30	375- 570	9000	0.75
3KM4000LT	2,600.00	—	30,000	30	955-1220	24,000	3.3
3KM50,000PA	11,000.00	20,000	50,000	30	225- 400	30,000	2.5
4K50,000LQ	3,760.00	10,000	—	40	720- 985	20,000	2.5
4KM3000LR	2,420.00	2000	—	45	610- 985	10,000	0.75
4KM50,000LA3	4,230.00	10,000	—	50	400- 630	20,000	2.5
4KM50,000LR	3,760.00	10,000	—	50	610- 985	20,000	2.5
4KM170,000LA	20,500.00	75,000	150,000	45	300- 500	50,000	11.0
5K210,000LQ	23,500.00	75,000	—	55	755- 985	30,000	10.0
6K50,000LQ	8,250.00	6000	—	30	720- 985	20,000	2.5
4KMP10,000LF	10,800.00	—	400,000	55	570- 630	70,000	22.5
4KP40,000SQ	13,000.00	—	12,000,000	45	2856	235,000	105.0
4KM50,000LF	4,230.00	10,000	—	50	575- 750	20,000	2.5

TEST LOADS

	User Price	Frequency	Dissipation	Max. VSWR
WL-120	$ 970.00	0.5 -1.20 kmc/s	20 kw	1.15:1
WL-130	1,030.00	0.35 -1.20 kmc/s	20 kw	1.10:1
WL-140	1,090.00	0.225-1.20 kmc/s	20 kw	1.15:1
WL-150	2,950.00	0.25 -0.75 kmc/s	100 kw	1.10:1
WL-160	3,175.00	0.20 -0.75 kmc/s	100 kw	1.12:1
WL-200	1,060.00	1.70 -2.40 kmc/s	24 kw	1.10:1
WL-210	2,950.00	0.75 -1.00 kmc/s	100 kw	1.20:1
WL-220	3,760.00	0.39 -0.46 kmc/s	150 kw	1.13:1

AIR SYSTEM SOCKETS

	User Price	Tube	Special Characteristics
SK-100	$168.00	4KM3000LQ; 3KM3000LA; 3K3000LQ	Cathode socket.
SK-110	168.00	3K50,000LA,F,Q; 3KM50,000PA; 4K50,000LQ; 4KM50,000SG; 6K50,000LQ; 4KM50,000LA; 4KM50,000LF; 4KM50,000LQ	Cathode socket.
SK-200	142.00	3K2500SG; 3K2500LX; 3KM4000LT	Cathode socket
SK-1000	189.00	4KM170,000LA	Cathod socket.

Prices and specifications subject to change without notice. Write for complete specifications on any tube to: Amplifier Klystron Division, **EITEL-McCULLOUGH, INC.,** *San Carlos, California.*

THERE'S MORE: *For Eimac Power Grid Tubes, Eimac Microwave Tubes, turn the page.*

EIMAC POWER GRID

At Eimac you'll find the most *complete* line of power grid tubes available today: triodes, tetrodes, pulse modulators, diodes, zero-bias tubes, ceramic tubes, glass tubes. And there are more to come! Continuing Eimac projects are ever increasing the scope of power grid tube capabilities.

DIODES AND RECTIFIERS

	User Price	Filament Voltage Volts	Filament Current Amps	Peak Inverse Voltage Volts	Peak Plate Current Amps	Average Plate Current ma	Plate Dissipation Watts
2-01C	$ 18.50	5.0	0.35	1,000	0.010	1	0.1
2-25A	20.00	6.3	3.0	25,000	1.0	50	15
2-50A	23.00	5.0	4.0	30,000	1.0	75	30
2-150D	38.55	5.0	13.0	30,000	3.0	250	90
2-240A	42.85	7.5	12.0	25,000	4.0	500	150
2-450A	113.00	7.5	26.5	30,000	8.0	1000	450
2-2000A	228.00	10.0	25.0	75,000	12.0	750	1200
250R	38.55	5.0	10.5	60,000	2.5	250	150
253	37.25	5.0	10.0	15,000	2.5	350	100
8020(100R)	21.50	5.0	6.5	40,000	1.5	100	60
2X1000A	127.50	26.5	2.2	25,000	25.0[6]	1250[6]	1000
2X3000F	168.00	7.5	51.0	25,000	20.0	3000	3000
KY21A	26.75	2.5	10.0	11,000	3.0	750	....
RX21A	25.75	2.5	10.0	11,000	3.0	750	....

PULSE MODULATORS

	User Price	Plate Dissipation Watts	Plate Voltage Volts	Plate Current ma	Grid Dissipation Watts	Screen Voltage Volts	Screen Dissipation Watts	Filament Voltage Volts	Filament Current Amps	Amplification Factor
4PR60A	$ 100.00	60	20,000	18,000[3]	....	1500	8	26.0	2.25	......
4PR65A	35.75	65	15,000	1000[3]	5	2000	10	6.0	3.5	......
4PR125A	50.00	125	18,000	1800[3]	5	2000	20	5.0	6.5	......
4PR250C	188.00	250	50,000	4000[3]	5	2000	25	5.0	14.5	......
4PR400A	60.00	400	20,000	4000[3]	10	2500	35	5.0	14.5	......
4PR1000A	145.00	1000	30,000	8000[3]	25	2500	75	7.5	21.4	......
3CPL500A8	1518.00	500[4]	120,000	5000[3]	25[4]	....	....	7.5	5.5	700
6C21	82.50	300	30,000	15,000[3]	50	....	....	8.2	17.00	30

AIR SYSTEM SOCKETS

	User Price	Tube	Screen By-Pass Capacitor uuf	Special Characteristics
SK-300	$107.15	4CX5000A	none	
SK-300A	107.15	4CX5000A; 4CW10,000A; 4CX10,000D	none	
SK-400	17.65	4-400A; 4-250A; 4-125A; 4X500F	none	
SK-500	20.70	4-1000A	none	
SK-600	11.90	4X150A; 4X150D; 4X250B; 4X250F; 4CX250B; 4W300B	2700	No terminals grounded.
SK-602	11.90	4X150A; 4X150D; 4X250B; 4X250F; 4CX250B; 4W300B	2700	No terminals grounded. (Special SK-600)
SK-610	12.65	4X150A; 4X150D; 4X250B; 4X250F; 4CX250B; 4W300B	2700	Cathode terminals grounded.
SK-620	16.80	4X150A; 4X150D; 4X250B; 4X250F; 4CX250B; 4W300B	1100	No terminals grounded. Screen by-pass capacitor plastic sealed.
SK-630	18.85	4X150A; 4X150D; 4X250B; 4X250F; 4CX250B; 4W300B	1100	Cathode terminals grounded. Screen by-pass capacitor plastic sealed.
SK-640	5.35	4X150A; 4X150D; 4X250B; 4X250F; 4CX250B; 4W300B	none	No terminals grounded.
SK-650	8.60	4X150A; 4X150D; 4X250B; 4X250F; 4CX250B; 4W300B	none	Cathode terminals grounded.
SK-655	5.85	(Screen by-pass capacitor for use with SK-650)	1100	Plastic sealed.
SK-700	21.45	4CX300A	1100	No terminals grounded.
SK-710	21.45	4CX300A	1100	Cathode terminals grounded.
SK-711	26.50	4CN15A; 4CX125C; 4CX300A	1100	Cathode terminals grounded.
SK-740	9.80	4CX300A	none	No terminals grounded.
SK-760	9.80	4CX300A	none	Integral chimney. No terminals grounded.
SK-770	9.80	4CX300A	none	Integral chimney, screen terminals grounded.
SK-800A	55.70	4CX1000A, 4CW2000A	1500	No terminals grounded.
SK-810	55.70	4CX1000A, 4CW2000A	1500	Cathode terminals grounded.
SK-890	65.00	4CX1000A, 4CW2000A	1500	Cathode grounded. Screen isolated.
SK-900	68.55	4X500A	650	
SK-1300	64.50	3CX10,000A1; 3CX10,000A3; 3CX10,000A7; 3CW20,000A1; 3CW20,000A3; 3CW20,000A7	none	No terminals grounded.

CHIMNEYS

	User Price
SK-306	$ 6.45
SK-406	8.60
SK-506	15.35
SK-606	.65
SK-626	.80
SK-636	7.07
SK-806	8.55
SK-906	11.43
SK-1306	6.45

TUBES and Accessories

	Type	User Price	Plate Dissipation Watts	Plate Voltage Volts	Plate Current ma	Grid Dissipation Watts	Screen Voltage Volts	Screen Dissipation Watts	Filament Voltage Volts	Filament Current Amps	Amplification Factor
			MAXIMUM RATINGS						ELECTRICAL CHARACTERISTICS		
TETRODES	4-65A	$ 28.50	65	3000	150	5	400	10	6.0	3.5	......
	4-125A	36.00	125	3000	225	5	400	20	5.0	6.5	......
	4-250A	46.50	250	4000	350	10	600	35	5.0	14.5	......
	4-400A	48.00	400	4000	350	10	600	35	5.0	14.5	......
	4-1000A	132.00	1000	6000	700	25	1000	75	7.5	21.0	......
	4CN15A	55.00	15	2500	....	2	400	12	6.0	3.0	......
	4CW2000A	218.00	2000	3000	1000	0	400	12	6.0	12.5	......
	4CW10,000A	576.00	10,000	7500	3000	75	1500	250	7.5	75.0	......
	4CX125C	55.00	125	2500	250	2	400	12	6.0	2.7	......
	4CX250B	39.35	250	2000	250	2	400	12	6.0	2.6	......
	4CX250K	64.25	250	2000	250	2	400	12	6.0	2.6	......
	4CX250F	39.35	250	2000	250	2	400	12	26.5	0.56	......
	4CX250M	92.50	250	2000	250	2	400	12	26.5	0.57	......
	4CX250R	61.50	250	2000	250	2	500	12	6.0	2.6	......
	4CX300A	55.00	300	2500	250	2	400	12	6.0	2.7	......
	4CX1000A	156.00	1000	3000	1000	0	400	12	6.0	12.5	......
	4CX5000A	495.00	5000	7500	3000	75	1500	250	7.5	75.0	......
	4CX10,000D	550.00	10,000	7500	3000	75	1500	250	7.5	75.0	......
	4W300B	57.00	300	2000	250	2	400	12	6.0	2.6	......
	4W20,000A	1950.00	20,000	8000	15,000	60	1500	200	10.0	30.0[9]	......
	4X150A	25.00	250	2000	250	2	400	12	6.0	2.6	......
	4X150D	28.00	250	2000	250	2	400	12	26.5	0.57	......
	4X150G	58.00	250	2000	250	2	400	12	2.5	7.0	......
	4X250B	39.35	250	2000	250	2	400	12	6.0	2.6	......
	4X250F	39.35	250	2000	250	2	400	12	26.5	0.57	......
	4X500A	128.50	500	4000	350	10	500	30	5.0	13.5	......
	7580	45.00	250	2000	250	2	500	12	6.0	2.6	......
PENTODE	4E27A/5-125B	$ 50.00	125	4000	200	5	750	20	5.0	7.50	......
TRIODES	2C39A	$ 22.50	100	1000	125[5]	2	....	......	6.3	1.0	100
	2C39WA	32.00	100	1000	125[5]	2	....	......	6.3	1.0	100
	3C24	16.05	25	2000	75	7	....	......	6.3	3.0	24
	3CPN10A5	32.00	10	3500[3]	3000[3]	2	....	......	6.0	1.0	100
	3CX100A5	32.00	100	1000	125[5]	2	....	......	6.0	1.0	100
	3CX100F5	35.75	100	1000	125[5]	2	....	......	26.5	0.22	100
	3CW20,000A1	560.00	20,000	7000	4000	100	....	......	7.5	100.0	5.5
	3CW20,000A3	560.00	20,000	7000	4000	250	....	......	7.5	100.0	20
	3CW20,000A7	720.00	20,000	7000	4000	500	....	......	7.5	100.0	200
	3CX10,000A1	468.00	10,000	7000	4000	100	....	......	7.5	100.0	5.5
	3CX10,000A3	468.00	10,000	7000	4000	250	....	......	7.5	100.0	20
	3CX10,000A7	660.00	10,000	7000	4000	500	....	......	7.5	100.0	200
	3W5000A1	237.00	5000	6000	2500	50	....	......	7.5	51.0	5
	3W5000A3	225.00	5000	6000	2500	150	....	......	7.5	51.0	20
	3W5000F1	243.00	5000	6000	2500	50	....	......	7.5	51.0	5
	3W5000F3	231.00	5000	6000	2500	150	....	......	7.5	51.0	20
	3X2500A3	200.00	2500	6000	2500	150	....	......	7.5	51.0	20
	3X2500F3	206.00	2500	6000	2500	150	....	......	7.5	51.0	20
	3X3000A1	212.00	3000	6000	2500	50	....	......	7.5	51.0	5
	3X3000F1	218.00	3000	6000	2500	50	....	......	7.5	51.0	5
	25T	18.50	25	2000	75	7	....	......	6.3	3.0	24
	35T	21.50	50	2000	150	15	....	......	5.0	4.0	39
	35TG	36.00	50	2000	150	15	....	......	5.0	4.0	39
	75TH	30.00	75	3000	225	16	....	......	5.0	6.25	20
	75TL	30.00	75	3000	225	13	....	......	5.0	6.25	12
	100TH	23.60	100	3000	225	20	....	......	5.0	6.3	38
	100TL	23.60	100	3000	225	15	....	......	5.0	6.3	14
	152TH	75.00	150	3000	450	30	....	......	5 or 10	12.5 or 6.25	20
	152TL	75.00	150	3000	450	25	....	......	5 or 10	12.5 or 6.25	12
	250TH	38.55	250	4000	350	40	....	......	5.0	10.5	37
	250TL	38.55	250	4000	350	35	....	......	5.0	10.5	14
	304TH	64.50	300	3000	900	60	....	......	5 or 10	25 or 12.5	20
	304TL	64.50	300	3000	900	50	....	......	5 or 10	25 or 12.5	12
	450TH	77.00	450	6000	600	80	....	......	7.5	12.0	38
	450TL	77.00	450	6000	600	65	....	......	7.5	12.0	18
	592/3-200A3	46.00	200	3500	250	25	....	......	10.0	5.0	25
	750TL	150.00	750	10,000	1000	100	....	......	7.5	21.0	15
	1000T	150.00	1000	7500	750	80	....	......	7.5	15.5	35
	1500T	279.00	1500	8000	1250	125	....	......	7.5	24.0	24
	2000T	387.00	2000	8000	1750	150	....	......	10.0	23.5	23
	7289	32.00	100	1000	125[5]	2	....	......	6.0	1.0	100

Prices and specifications subject to change without notice. Write for complete specifications on any tube to:
Power Grid Tube Division, **EITEL-McCULLOUGH, INC.,** *San Carlos, California.*

THERE'S MORE: *For Eimac Microwave Tubes, other products, turn the page.*

Eimac

EIMAC MICROWAVE TUBES

At Eimac you'll find microwave devices that have set new performance standards everywhere. And behind the scenes, Eimac Microwave Engineers are hard at work opening new frontiers, developing new tube types.

REFLEX KLYSTRONS

	MAXIMUM RATINGS							ELECTRICAL CHARACTERISTICS		
Type	User Price	Output Power	Resonator Voltage Volts	Resonator Dissipation Watts	Cathode Current ma	Reflector Voltage Volts (Typical)		Heater Voltage Volts	Heater Current Amps	Frequency Range Mc
1K015CA [2]	$618.00	70 mw	350	15	50	—250		6.3	0.8	5400-6000
1K015CG [1]	618.00	70 mw	350	15	50	—250		6.3	0.8	5400-6000
1K125CA [1]	530.00	1.25 w	1000	125	110	—285		6.3	1.5	3700-4400
1K125CB [1]	530.00	1.8 w	1000	125	110	—335		6.3	1.5	4400-5000
1K75CH [2]	810.00	0.2/1.0 w	550/750	75	35/60	—150/—350		6.3	1.5	4300±50
1K75CL [1]	810.00	0.2/1.0 w	550/750	75	35/60	—150/—350		6.3	1.5	4300 – 0+75
1K75CK [1]	810.00	0.2/1.0 w	550/750	75	35/60	—150/—350		6.3	1.5	4300±50
1K20XD [1]	475.00	75 mw	300	20	40	—150		6.3	1.0	10,000-10,700
1K20XK [1]	475.00	75 mw	300	20	40	—150		6.3	1.0	9200-10,000
1K20XS [1]	475.00	75 mw	300	20	40	—150		6.3	1.0	8500-9200
Y-222 [1]	240.00	100 mw	350	20	40	—150		6.3	1.0	10,500-10,700

VOLTAGE-TUNABLE MAGNETRON

Type	User Price	Output Power	Anode Voltage (Volts)	Injection Anode Voltage (Volts)	Cathode Current (ma)	Injection Anode Current (ma)	Heater Voltage (AC or DC)	Heater Current (AC or DC)	Frequency Range Mc
X747 [2]	$780.00	100 mw	600-2000	0-500	3-20	0-1	6.3	1.0	450-1150

TRAVELING WAVE TUBE

Type	User Price	Output Power	Beam Voltage	Focus Electrode Voltage	Cathode Current	Focus Electrode Current	Heater Voltage	Heater Current	Frequency Range Mc
EM-778 [2]	$3480.00	1.0 w	2750-3000	0-60	25 ma	0.5 ma	6.3	0.6a	5000-11,000

OTHER PRODUCTS

PREFORMED CONTACT FINGER STOCK

A prepared strip of silver-plated spring material, slotted and formed into a series of fingers designed to make sliding contact.

Single Edge	Width	Double Edge	Width	Klystron Types	Width
CF-100	17/32"	CF-200	13/16"	CF-700	17/32"
CF-300	31/32"	CF-400	1 17/32"	CF-800	13/32" x 5/16"
CF-500	1 3/8"	CF-600	2 1/4"		
CF-900	31/64"				

Used as contact between klystrons and externally-tuned cavities.

HEAT-DISSIPATING CONNECTORS

Type	Hole Diameter
HR-1	.052
HR-2	.062
HR-3	.072
HR-4	.102
HR-5	.127
HR-6	.367
HR-7	.127
HR-8	.575
HR-9	.569
HR-10	.510

SK-604A TUBE EXTRACTOR

A spring-steel extractor for use with the 4X150 series, 4X250 series, 4CX250 series, and 2C39 series tubes.

VACUUM SWITCHES

Single-pole double-throw switch within a high vacuum adaptable for high-voltage switching. Contact spacing .015". Switch will handle R-F potentials as high as 20 Kv. In D-C switching will handle approximately 1.5 Amps. at 5 Kv.

Type	Coils
VS-2	12V
VS-4	24V
VS-5	
VS-6	

1001G IONIZATION GAUGE

For measuring pressures from 10^{-3} to less than 10^{-8} mm of mercury.

HV-1 DIFFUSION PUMP

Triple-jet, air-cooled vacuum pump of the oil-diffusion type. Capable of reaching an ultimate vacuum of 4 x 10^{-7} mm of mercury when used with suitable forepump.

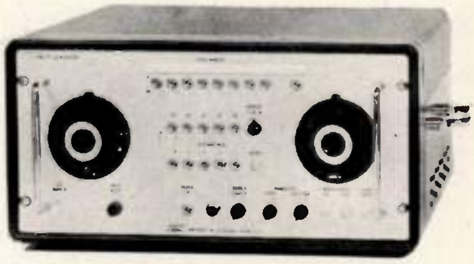
[1]Waveguide Output Fitting
[2]Coaxial Output Fitting
[3]Pulse
[4]Convection liquid cooled
[5]Cathode Current
[6]Pulse-clipper service only
[7]TV Peak-Synchronizing Level
[8]Plus 2250 watts bombarder power

Prices and specifications subject to change without notice. Write for complete specifications on any microwave tube to: Microwave Tube Division, **EITEL-McCULLOUGH, INC.,** *San Carlos, California. Plants also in San Bruno, California; Salt Lake City, Utah.*

Eimac

SWEEP GENERATORS

- *Fast, accurate frequency response testing*
- *Ranges from 20 cps to 2500 mc*
- *Built in attenuation and frequency markers*



A Telonic Sweep Generator provides your laboratory or production line the quickest, most accurate means available for measuring frequency response of RF circuits.

Scanning the entire frequency range in one 60th of a second, a Telonic Sweep Generator completely eliminates time-consuming point-to-point response tests. Available in many models covering various portions of the RF range, they may be used to check response of filters, mixers, amplifiers and many other RF circuits.

Quantitative measurements are provided by integral, precision attenuators. Marker systems, both fixed and variable, are also available on many models.

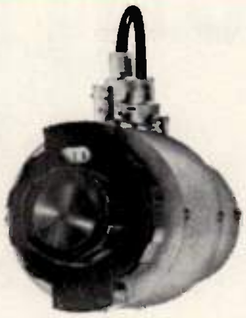
Write for catalog 8-C.

GENERAL SPECIFICATIONS

Flatness........ 5%
Zero Base Line........ Oscillator off during return sweep
Sweep Rate........ Line frequency (50-60 cps)
Horizontal Sweep........ 20 volts
Vernier Attenuation........ 0-10 db.
Physical Description........ Panel—1/8" x 8 3/4" x 19"; Chassis—2" x 14 1/2" x 17"
Power........ 115 v. 50/60 cycle, approx. 120 watts
Display Linearity........ Better than 1.2:1
Radiation........ Less than 10 microvolts
Source VSWR........ Below 1.3:1
Markers........ Birdy-By-Pass Marker System
Variable Markers........ Available on LD, LR, SD & ED Models

SERIES	RANGES	PRICES
HD	10 kc — 910 mc	$695.00 — 995.00
LD	3.5 — 140 mc	695.00
LR	3.4 — 140 mc	995.00
PLR	Plug-in oscillators for LR models	
SD	200 — 1260 mc	745.00
ED	975 — 2450 mc	1,495.00
PD	4.2 — 1010 mc	2,750.00
SV	VHF Channels	725.00 — 775.00

R F ATTENUATORS



Turret and Toggle Switch Types

Telonic RF Attenuators are precision-built units designed to operate with long-term accuracy and low insertion loss.

Toggle switch models are available with 6 or 9 steps of attenuation in 1 db increments from 0 to 42 or 0 to 102 db. Switches are silver-plated wiping contact types for continuous operation. Special versions can also be furnished to meet most operating requirements.

Telonic Turret Attenuators use self-cleaning knife type contacts to maintain reliable service. These attenuators are available as single units with steps of 1, 2, 5, or 10 db, tandem units to operate 2 circuits simultaneously, or the TAB (shown) providing 0 to 59 db attenuation in 1 db steps through a dual, concentric knob and dial.

TYPES	ATTENUATION (max.)	PRICE RANGE
Turrets	to 59 db	$65.00 — 225.00
Tandem Turrets	to 50 db	160.00 — 200.00
Multiple Turrets	to 110 db	325.00
Toggles	to 20 db	65.00 — 85.00

R F FILTERS

Telonic TBP Filter

Miniature Band Pass and Low Pass

Telonic TLP-4 Low-Pass Filters are exceptionally rugged devices available with any cut-off frequency from 200 to 2000 mc in 5 mc increments. Inherent simplicity makes them ideal where low-cost dependable performance is required.

TBP Band-Pass Filters cover the frequency range from 200 mc to 2000 mc and may be set at any value between 2.5 and 25%. They are available in 2 or 4 sections depending on band pass and rejection requirements. Miniature construction makes them especially well suited for missile and aircraft applications.

TTF Tunable Band Pass Filters consist of 5 resonant line sections capacity loaded to tune over a 2:1 range. Insertion loss is less than 1.5 db. Standard units are available covering frequencies from 250 to 2500 mc.

TCF Cavity Band Pass Filters consist of machined aluminum cavities, capacity loaded, and are adjustable over a ± 25% range. Center frequencies are available from 200 to 2500 mc and are set to factory standards or to customer requirements.

Telonic Industries Inc. — Beech Grove, Indiana | Telonic Engineering Corp. — Laguna Beach, California

TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

It's cheaper to buy the best – from Western Devices, Inc.
CABINETS, CONSOLES and RELATED EQUIPMENT

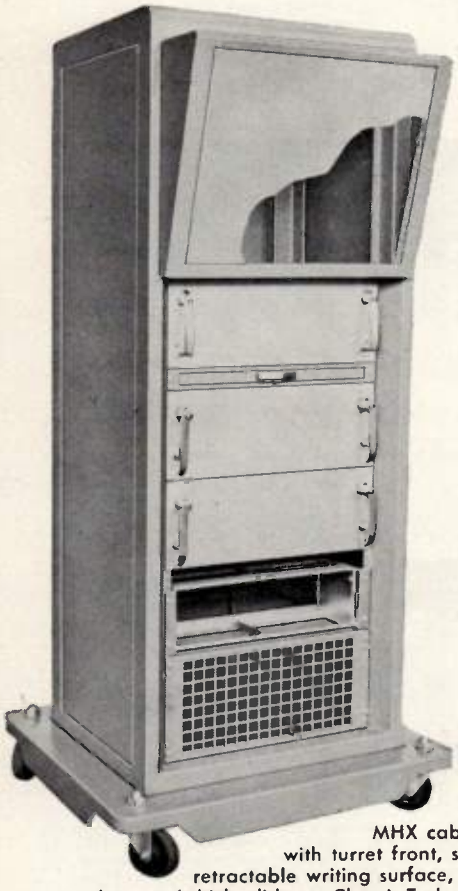
SAVE in these FIVE WAYS:

eliminate prototype engineering time
eliminate prototype development expense
eliminate requirement for fabrication facilities
eliminate multiplicity of purchase orders
eliminate uncertainty as to QUALITY, STRENGTH

Steel or aluminum MIL spec cabinets and matching consoles which are so completely assembled to your specifications from casters to lifting eyes that you need only drill holes in chassis and panels, wire, and install your components!

Fast delivery—any cabinet, any size, any interior components—even unusual custom cabinets, and cabinets and components which meet or exceed vibration and 30G shock tests of MIL specs!

Here is quality and service which has been thoroughly tested and proved in testing laboratories, in Military and Governmental agencies, and in great corporations here and abroad. Here is equipment with actual test reports to support claims of worth!



MHX cabinet equipped with turret front, sliding drawer, retractable writing surface, two electronic drawers (which glide on Chassis-Trak slides), printed circuit card file, BA Series blower, heavy duty dolly.

TO YOUR SPECIFICATIONS
isolated units, multiple bays or to fit 'L' or 'U' floor plans

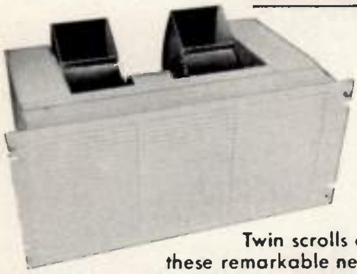
equipped with ACCESSORY FEATURES to your specifications

UNUSUAL CONSTRUCTION for UNUSUAL APPLICATIONS
Vertical pull-out printed circuit card file rack. Each half glides on ball bearing slides. Fully insulated Western Devices refrigerated cooling system.

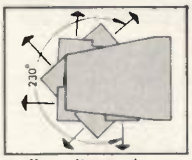
PANEL-MOUNTING BLOWERS

Compact. MIL quality. Completely packaged for installation in standard 19" EIA rack cabinets. Wide choice of standard or refrigerated models to satisfy your cooling requirements.

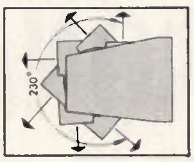
ALL-ANGLE BLOWER



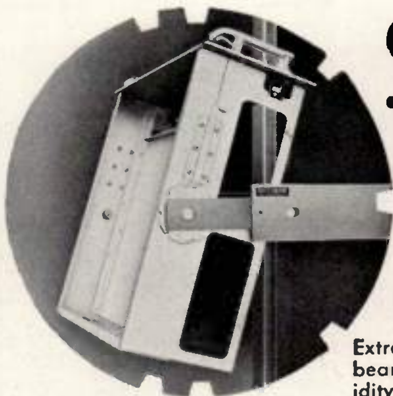
Twin scrolls of these remarkable new units can be rotated through 230° for accurate air flow control. High cooling capacity. Their versatility will save you money—one multi-purpose model in stock will eliminate procurement of several single-purpose units to satisfy variable requirements.



Air flow directed at any angle through 230°



Motor-rotor assembly turned end-for-end



Model CTD with Trigger 'Detent' Tilt Control

CHASSIS-TRAK ...the IDEAL SLIDE

for choice of 7 locked positions through 210°, tilting up through 105° or for simple accessibility.

APPROVED FOR MILITARY INSTALLATIONS

Mount your 17" chassis without modification in 17¾" opening. Equally adaptable to wider cabinets and numerous other applications.

Extra strong construction and wide, solid bearing surfaces assure exceptional rigidity and endurance of high shock loads and vibration. Load range 50 to 275 lbs. 10"—24" long in 2" increments—brackets adapt to deeper cabinets. Slide thickness .25" to .4375" max.

Roller Types Available

WE ALSO MAKE CUSTOM SLIDES FOR EXCESSIVE LOADS—800 LBS. OR MORE. SEND US YOUR SPECS.

ONE SOURCE ... matching consoles and complete line of MIL spec and high grade commercial accessories: chassis, panels, Chassis-Trak, blowers, handles, cable retractors, turret and slope-front console fronts, desk top consoles, fixed and retractable writing surfaces.

For complete data, write or phone:

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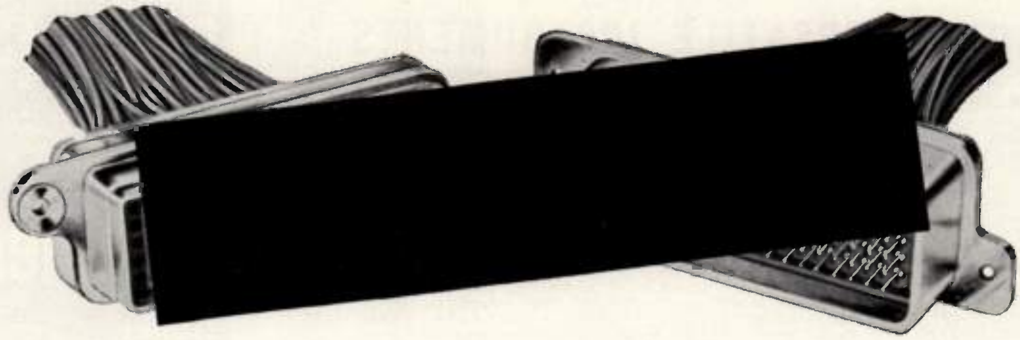
WESTERN DEVICES, INC.
600 WEST FLORENCE AVENUE, INGLEWOOD 1, CALIFORNIA



IT'S NO SECRET...

IT'S THE CRIMP THAT COUNTS! Line 'em up! Look 'em over! They're as much alike as midnight sheep jumping for a sleep-searching count and . . . with good reason! Most of them have a great deal in common — materials, design and construction.

It's this look-alike, act-alike quality about connectors that makes AMPin-cert connectors stand out. Only AMPin-cert gives you the one very important difference in connectors — AMP's industry-accepted solderless termination technique . . . a controlled-pressure, compression-crimp whose reliability is backed by twenty years of research, development and production.

Does the difference stop here? Definitely not! AMPin-cert not only gives you extreme reliability but also . . . high-level production of terminations, up to 1,500 per hour on the AMP-O-LECTRIC automatic machine . . . quick "snap-in" assembly of contacts in the block with finger-touch ease and an extraction tool that makes routine checks, maintenance and circuit rearrangement "snap-out" easy.

Want to base your connector choice on something more than blind-fold logic? Then . . . get the whole story on AMPin-cert connectors. Write today for the catalog — "AMPin-cert CONNECTORS (Pin and Socket Type)".

ENLARGEMENT OF CRIMP CROSS SECTION

AMP INCORPORATED

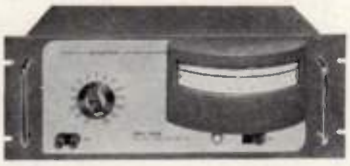
GENERAL OFFICES: HARRISBURG, PENNSYLVANIA

AMP products and engineering assistance are available through subsidiary companies in: Australia • Canada • England • France • Holland • Italy • Japan • Mexico • West Germany

trio/lab

UNIQUE, VERSATILE INSTRUMENTS

0.25% ACCURACY RACK MOUNTING TRUE RMS VTVM MODEL 120-7



Exclusive from trio/lab: laboratory precision measurement of complex waves with VTVM versatility. Overcomes problems of distortion caused by harmonics and spikes (inherent in peak responding and average reading meters) through the use of special dynamometer movement which achieves direct-reading, true RMS values of both sine and complex waves with deflection directly proportional to the square of the current. **Range:** 15 ranges: from .01 to 500 RMS Volts full scale. **Sensitivity:** Needle deflection directly proportional to true RMS value of input signal. **Input Impedance:** 1 Megohm. **Frequency Response:** 50-2000 cps (usable to 4kc). **Accuracy** (above 50% electrical deflection): 0.25% of full scale at 400 cps; 0.50% all other frequencies. **Power:** 115 Volts, 50-400 cps. **Tube Complement:** 3-5751; 1-5687; 1-6V6; 1-5R4; 1-6AS7. **Dimensions:** 19" wide x 7" high. **Weight:** 26 lbs. **Price:** $985. Portable version—Model 120-1.

ALL TRANSISTOR DC VOLTAGE COMPARATOR MODELS 204-1 and 204-2

A ruggedized, sealed monitoring control device which compares an unknown voltage to a known input reference level, and operates a double pole, double throw relay when the reference level exceeds the known voltage by 1 millivolt or more. Response is less than 25 milliseconds in the 204-1, 100 milliseconds in the 204-2. Operation is unaffected by temperatures between —55°C and +55°C. It can be used for either high or low limit comparison by reversing the input leads. The most reliable technique for automatic, programmed accurate measurement with computer-speed. Applications include: military ground support devices, airborne instrumentation, production test equipment, alarm/control systems, and many data gathering and processing systems. Using printed circuitry and miniature components throughout, this compact (2-3/8" x 3-3/16" x 4-3/8") instrument meets applicable portions of MIL specs. **Power Requirements:** 204-1—115V, 400 cps ± 20 cps; 204-2—115V, 60 cps ± 2 cps. Both—1.5 watts with relay pull-in; 1.25 watts with relay dropout. **Input Impedance:** Both—1 megohm min. **Speed of Response:** 204-1—25 milliseconds (max); 204-2—100 milliseconds (max). **Temperature Range:** Both—operating: —55° to +55°C (with 20-minute operation at 71°C); **Storage:** —62° to +85°C. **Finish:** Both—semi-gloss black. **Weight:** 1 lb., 10 oz. **Terminal Connections:** Both—15-pin solder. Latch and inhibit facilities built-into both instruments. **Price:** $285 each.

PORTABLE AC VTVM MODEL 109-2

A superb laboratory instrument with signal circuits isolated from case and power circuits to provide floating measurements previously impractical, and accurate voltage measurements to 5 cps. **Ranges:** 12 ranges calibrated to RMS value of a sine wave: 0.001 to 300 VAC full scale. **Sensitivity:** (Lowest Range): 1 MV. **Input Impedance:** 10 Megohms shunted by 37 mmf from 0.001 to 0.3 volts; 23 mmf from 1 to 300 volts. **Accuracy:** 2% of full scale. Can measure accurately to 20 microvolts. **Power:** 105-125 VAC, 50-420 cps. **Tube Complement:** 4-7025, 1-6X5, 1-0A2. **Dimensions:** 6¼" high x 10¾" wide x 12" deep. **Weight:** 13 lbs. **Price:** $220.

1% ACCURACY PANEL MOUNTING PRECISION AC VTVM MODEL 130-1

Designed to provide all advantages of electronic measurement of AC voltages without exceeding the area required for its indicating meter. Circuit utilizes generous amounts of feedback to assure constant meter indication over a wide range of tube characteristics and operating voltages, while the possibility of oscillation is eliminated by carefully designed amplitude-phase characteristics. **Standard Ranges:** 10, 30, 100, 300 millivolts; 1, 3, 10, 100, 300 Volts. **Accuracy:** ± 1% of full scale. **Input Impedance:** 1 Megohm (0.5 megohms for ranges 51-99 millivolts). **Frequency Range:** 50-30,000 cps @ ± 1%. **Power Requirements:** 6.3V (AC or DC) at 0.5 amp, 200-250 VDC at 4.0 ma (max). **Weight:** 1 Pound. **Connections:** 5 Solder terminals: Input, Gnd, B+, 6.3V, 6.3V. **Tube Complement:** 1-6AB4; 1-5751. **Color:** Black bakelite meter, black wrinkle dust cover.

RUGGEDIZED PANEL-MOUNTING SINGLE RANGE AC & DC TRANSISTOR VOLTMETERS

The AC instruments have standard ranges of 10, 30, 100, 300 MV; 1, 3, 10, 30, 100, 300 V. Power requirements are 115 V at 50-2000 cps. All are ruggedized per Mil-M-10304, and have accuracy of 2% of full range; input impedance 1 megohm (min). **MODEL 301-1**, AC, zero left, TRVM has a frequency response of 20 cps to 500 kc (contact factory for other ranges); weight is 1 lb., 2 oz. Size is 3½" round and connections are 5 double turret solder terminals. **Price:** $250. **MODEL 302-1**, AC, phase-sensitive, zero center, TRVM has a response of 380-2000 cps (signal & reference frequency must be the same). Weight is 1 lb., 12 oz. **Size** is 3½" round and connections are 7 double turret solder terminals. **PRICE:** $275. **MODEL 303-1**, AC, zero left, TRVM has a frequency response of 20 cps to 500 kc (for 10 MV range. Contact factory for other ranges); weight is 1 lb. Size is 2½" round and connections are 5 double turret solder terminals. **Price:** $275. **MODEL 304-1**, AC phase-sensitive, zero center, TRVM has a frequency response of 380-2000 cps (signal & reference frequency must be the same). Weight is 1 lb., 10 oz. Size is 2½" round and connections are 7 double turret solder teminals. **Price:** $300. **MODEL 305-1** (Zero Center) and **MODEL 305-2** (Zero Left) DC TRVM's have standard ranges of 1, 3, 10, 30, 100, 300 volts DC. The range of Model 305-1 also includes a 0.5 volts DC reading. Power requirements are 115 V, 400 cps, 2 watts (max). Weight is 1 lb., 5 oz. Size is 3½" round and connections are 5 double turret solder terminals. **Price:** $225.

TRIO LABORATORIES, INC. Plainview, Long Island, N. Y. OVerbrook 1-0400 • TWX HKVL 1166

EXPORT: EMEC, 127 Grace St., Plainview, N. Y.

Get Rocket-Fast Shipment from world's largest STOCK of Stainless Steel Fasteners

No long countdowns here. Allmetal stainless fasteners are stockpiled in advance —ready to go on your order. Fasteners in Commercial, AN, MS specs. You get fast delivery, precision quality, plus mass production economy when buying direct from stock.

Special fasteners also fabricated to your exact requirements on extremely short notice. Full range of raw materials assures prompt service. Simply send blueprint or specifications.

Pins • Bolts • Nuts • Screws (including slotted and Phillips —magnetic and non-magnetic) • Washers • Cotters • Rivets • Rods • Studs • etc.

PHONE OR WRITE for prompt quotation or shipment. Send for catalog.

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Manufacturers of Stainless Fasteners Since 1929

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INERTIAL COMPONENTS

SUB-SYSTEMS AND FLIGHT TEST EQUIPMENT

RATE GYROSCOPES

TYPE M-100 is the latest in Honeywell's family of miniaturized high performance rate gyros. It features constant damping over a wide operating temperature range (−65°F to +250°F) without the use of heaters.

TYPE GN or "Golden Gnat" is another of Honeywell's high performance gyros and has been in full production in a wide variety of miniature rate packages over the past four years.

TYPE JR, another rate gyro of proven reliability, features a unique quadri-lever spring suspension for high sensitivity and a wide full range under severe environmental conditions; TYPE JRS, with Gimbal Torquer and SMRD self-check circuits plus thermostatically controlled damping system heaters, fulfills requirements for confirmed reliability and constant damping; TYPE K Rate Measuring Gyro features a linear output signal that is proportional to the input rate within 0.25% full scale.

INERTIAL SUB-SYSTEMS

Roll, pitch and yaw rates are measured by special Inertial Sub-System Packages using Honeywell Gyroscopes. The polarity and amplitude of the output D-C signals correspond to input rates of turns. These output signals, teamed with other equipment, make possible uniform pilot control response for all flight conditions.

F102 PACKAGE, with three Model JR Gyros, is used in the F102 fighter.

F104 PACKAGE, designed around three Gnat Gyros, is used on the F104 Super Star Fighter.

F106 THREE-AXIS TURN RATE TRANSMITTER also uses three Gnats.

TEST EQUIPMENT

HONEYWELL RATE GYRO TEST SET designed for use by field personnel for the static analysis of rate gyros, rate gyro demodulator amplifier, and three-axis rate gyros packages. This equipment meets the design requirements of MIL-T-945 and environmental test requirements outlined in MIL-E-4970.

SPECIALIZED TEST EQUIPMENT such as Radar Range Servo Test Sets, Frequency Response Analyzers, and other electronic equipment can be designed and manufactured to meet your requirements.

ACCELEROMETERS

TYPES LA-100, LA-300 are low cost, rugged, linear, non-pendulous units with potentiometer outputs.

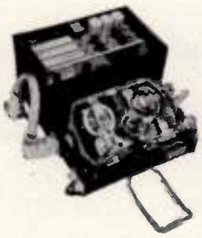
TYPE LA-200 is a miniaturized, pendulous, linear accelerometer which is fluid-damped and mechanically compensated. Output signal is provided by a variable reluctance signal generator.

TYPE LA-500 is a linear, non-pendulous, fluid-damped potentiometer output device that features constant damping, linear response, (−65°F to +175°F).

TYPE LA-600 is a linear, non-pendulous A-C accelerometer in which pick-off friction is eliminated to permit resolution of extremely low level inputs. This accelerometer features magnetic damping for near constant damping ratio (−65°F to +250°F).

TYPE LA-800 subminiature linear accelerometer is the smallest such instrument available today offering a variable reluctance pickoff and an essentially constant damping ratio over the temperature range of −65°F to +250°F.

CONTRACT ENGINEERING AND MANUFACTURING



Honeywell's Boston Division will design from customer specifications or prototypes, or manufacture to customer's drawings. Typical of the completed programs in this area are: CN-100 Compass-controlled Stable Reference Platform for a bombing system (shown at left), and Displacement Gyros for the A1A/BNC Bombing Navigational Computer.

MARK 46 PACKAGE, containing three Gnats plus two pendulous accelerometers, supplies complete stabilizing data for the automatic pilot on the Mark 46 Torpedo.

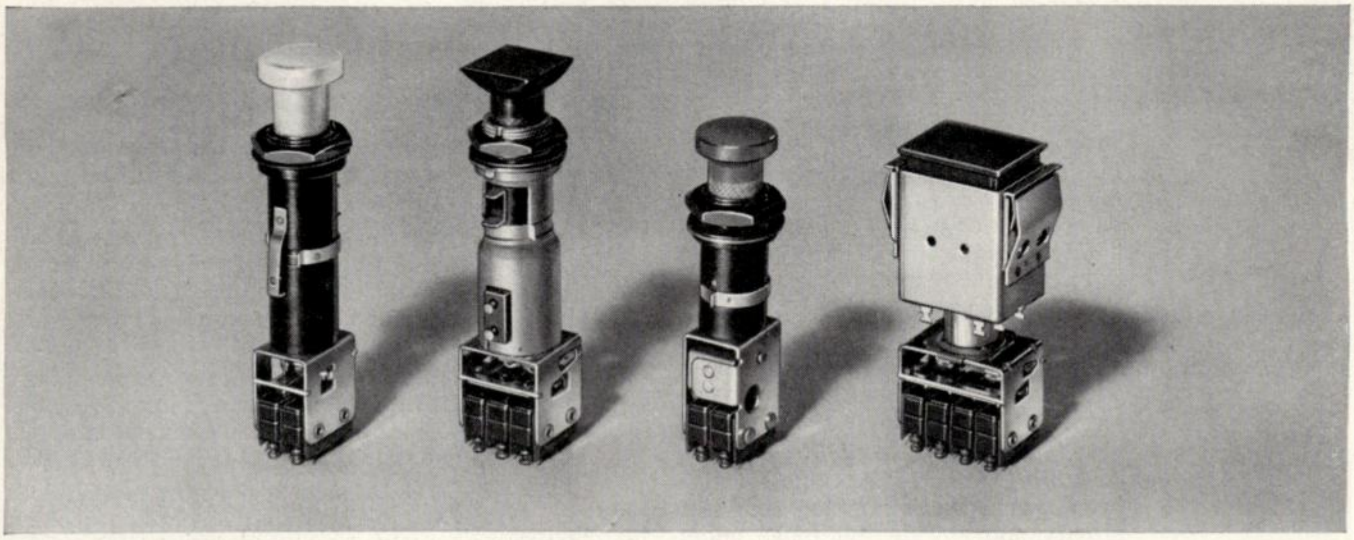
POLARIS PACKAGE, with three Gnats and associated circuitry in a 5⅛" x 4" x 2 15/16" package, is the control rate of turn instrument in the Polaris Missile.

Write to Minneapolis-Honeywell, Boston Division, Dept. 7, 1400 Soldiers Field Road, Boston 35, Massachusetts.

Honeywell

Military Products Group

MICRO SWITCH Precision Switches

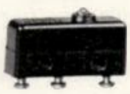


LIGHTED PUSHBUTTON SWITCHES—MICRO SWITCH manufactures a complete line of lighted pushbutton switches that saves wiring, cuts panel space. Available in momentary, maintained, alternate-action and magnetically held versions. Up to 4-pole double-throw circuitry and a choice of button sizes, shapes and colors. Write for Catalog 67.

ONE COMPLETE SWITCH SOURCE

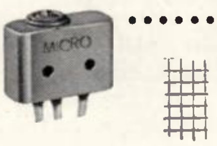
when you must be sure of Precision and Reliability

SUBMINIATURE TOGGLE—Perfect combination of high capacity and small size. Part of a complete line of toggles, including hermetically sealed models, multiple unit toggle assemblies and virtually any type of circuit arrangement you may need. Write for Catalog 73.



"SM" SERIES—Small size, light weight and high electrical capacity. May be assembled into auxiliary actuator brackets, gang-mounted or used in pushbutton assemblies and rotary selectors. Precise operation and long life. Also available sealed in metal housings. Write for Catalog 63.

SUBMINIATURE MERCURY SWITCH—Ideal for locations where a minimum of operating energy is available. MICRO SWITCH manufactures over 1,000 different types of mercury switches, including enclosed models sealed in a resilient material with a protective case to guard against shock and vibration. Write for Catalog 90.



SEALED SUBMINIATURE—"SE" switches are available in 3 different circuit designs, with environment-free seal, corrosion-resistant aluminum housing. A smaller "XE" version now available is the smallest and lightest environment-free switch available. Write for catalog 78.

SUB-SUBMINIATURE SWITCHES—Smallest single-pole double-throw, snap-action switches available, yet have ample electrical capacity and will give long, precise service. Write for Catalog 63.

Consult the Yellow Pages for the address of the nearby MICRO SWITCH branch office. Engineering counsel is always easily available and nearby distributors simplify replacement.

MICRO SWITCH . . . FREEPORT, ILLINOIS
A division of Honeywell
In Canada: Honeywell Controls Limited, Toronto 17, Ontario

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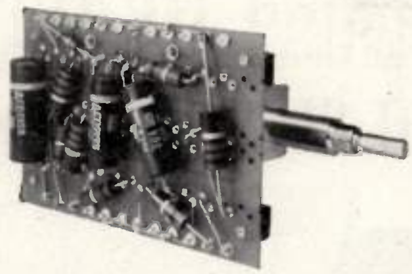
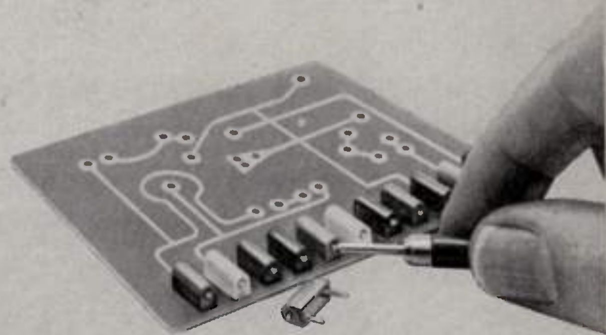
MICRO SWITCH Precision Switches

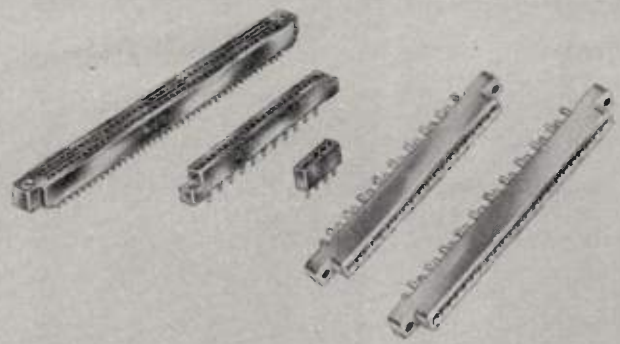
DOT® Specialists in ELECTRO-MECHANICS



Uniplane Switch Replaces bulky, multipole switch, component board, harness • Permits rapid, error-free, low-cost wiring procedures • Typical savings: 75% in labor, material, test time, rejects, repairs; solder connections reduced by 65% • 30-80% space savings • Standard kits provide over 1000 switch combinations • Immediate delivery on standard kits • Custom design service available.



Printed Circuit Test Jacks Save hundreds of times their low cost on initial check-out alone • Gold-over-silver-plated Berylco contacts per MIL-F-14072, M-310 • 11 std colors.



Printed Circuit Edge Connectors Use exclusive, patented, Torsion Contact giving high-pressure, gold-plated contact for low resistance with no possibility of scoring by sheared edge of p.c. • Most reliable design available.

P.C. Guide Channels, Polarizing Plugs & Keys Guide Channels are rigid, self-aligning, flared for easy positive insertion • Polarizing Plugs prevent damage to circuit, connectors or contacts by insuring correct insertion of p.c. card. May be used with DOT Polarizing Key on connector row to provide more than a hundred discrete combinations.

Complete Line of Mil Spec and commercial test jacks, banana pins and jacks and patch cords • Gold-over-silver-plated Berylco contacts per MIL-F-14072, M-310.

Mil Std Communications Plugs & Jacks, Snap Switches Phone Plugs in all standard and new miniature and sub-miniature sizes, multi-circuit designs • Phone Jack Assemblies with and without integral, push-to-talk snap switch • Pushbutton Switches — Tough, reliable, positive, sinusoidal toggle-spring snap-action.

Application-engineered, standard electronics products: Printed Circuit Test Jacks • Printed Circuit Connectors • Monoplanar Switches • Printed Circuit Guide Channels • Polarizing Plugs and Keys • MIL STD and Commercial Jacks, Plugs, Switches • Vibration Mounts • Magnetron Connectors • Anode Connectors and Grid Caps.

DOT®

The UCINITE COMPANY

Division of United-Carr Fastener Corporation, Newtonville 60, Massachusetts

WRH LAsell 7-8400

NEW

COMPRESSION CATCHES
ADJUSTABLE CATCHES
HANDLES and GRAPPLES

(all to Armed Forces qualifications)

FOR INSTRUMENT CASES • TRANSIT CASES • CONTAINERS

No. VHC 340-2
(actual size)

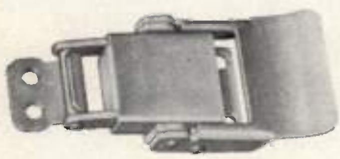
A WIDE RANGE of STYLES and SIZES from junior........ to GIANT

COMPRESSION SPRING CATCHES, No. 340 series, are miniature in size. Preloaded to 12 lbs. Standard 18 lb. holding tension. Cold rolled steel, plated or finished to specifications, or stainless steel. Styles with lever straight, as illustrated, or with up-sweep or down-sweep.

ADJUSTABLE CATCHES for varied applications (also recessed), No. 250 series, provide secure holding, easy engagement, rapid release. Steel or aluminum base. Designed to function up to 1,000 lbs. (manual operation). Stress strength to 3,000 lbs. (steel base). Styles with lever straight, as illustrated, or with up-sweep or down-sweep. Hole for wire seal and slot for 3/8" "Navy" seal.

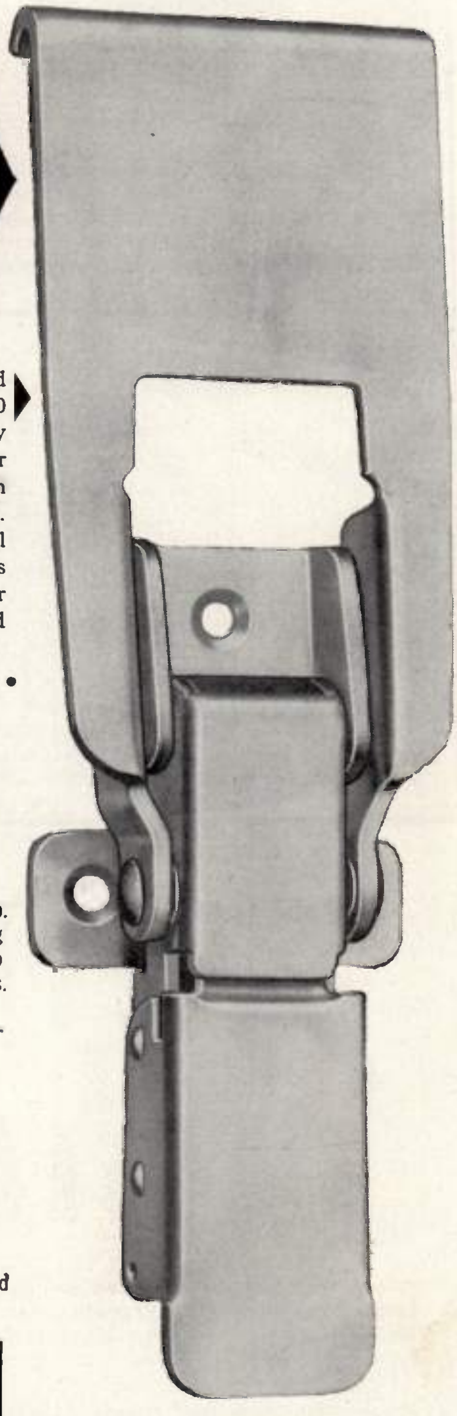
TURN CATCH No. HC-360 designed for manual pull-down operation of 100 lbs. Ultimate strength 1,000 lbs.

HEAVY-DUTY PULL-DOWN CATCH No. HC201 with holes for fastening or for welding applications. Available in plated finishes; also of brass, stainless steel, or aluminum materials.



COMPRESSION SPRING DRAW PULL CATCH No. SC-B-83314-42 with springs concealed. Provides 70 lbs. holding tension on standard specification.

SURFACE HANDLE No. H945 to meet Armed Forces Specification MIL-T-945.



No. VHC 250-65
(actual size)

A varied line of Catches, Surface and Recessed Chest Handles, and Carrying Handles to meet commercial as well as Armed Forces requirements.
Descriptive literature on request. Inquiries invited on design and application problems.

NIELSEN HARDWARE CORPORATION

770 WETHERSFIELD AVE., HARTFORD 1, CONN.

LAMBDA

REGULATED POWER SUPPLIES

Guaranteed Five Full Years

Every Power Supply sold by Lambda since 1953 has been covered by the most complete Power Supply guarantee offered by any manufacturer. Experience has shown that Lambda Power Supplies give constant trouble-free performance year after year. This guarantee assures you that the Power Supply you buy today, built to Lambda's high standards, will perform satisfactorily under heavy-duty service.

Market Surveys Rank Lambda First

For the sixth consecutive year a survey conducted by a leading electronic publication proves that engineers prefer Lambda Power Supplies by a vast majority over other manufacturers' equipment. Lambda's 41.8 per cent preference is more than 2½ times higher than the second place manufacturer.

LAMBDA'S NEW PLANT, Huntington, L. I., N. Y., has been specifically designed for the efficient and economical manufacture of Power Supplies. Lambda's 76,000 sq. ft. plant contains expanded engineering, manufacturing, quality control, and other staffs plus new, modern equipment and facilities to assure you the best quality Power Supply equipment available.

LAMBDA ELECTRONICS CORP.

515 BROAD HOLLOW ROAD • HUNTINGTON, L. I., NEW YORK • 516 MYRTLE 4-4200

New LAMBDA Transistorized REGULATED POWER SUPPLIES

0 - 34 VDC	5,	10	and	20 Amp
20 - 105 VDC	2,	4	and	8 Amp
75 - 330 VDC	0.8,	1.5	and	3 Amp

CONVECTION COOLED
No Blowers or Filters
Maintenance Free

Highly efficient, radiator type heat sinks eliminate internal blowers, maintenance problems, risk of failure, moving parts, noise and magnetic fields. Units are rated for continuous duty at 50°C ambient.

EASY SERVICE ACCESS

Dual-deck, swing-out back construction provides simple and fast service access without the need to remove unit from rack. All major component terminals are accessible from rear.

REMOTE SENSING

Provision is made for remote sensing to eliminate effect of power output lead resistance on DC regulation.

NO VOLTAGE SPIKES OR OVERSHOOT

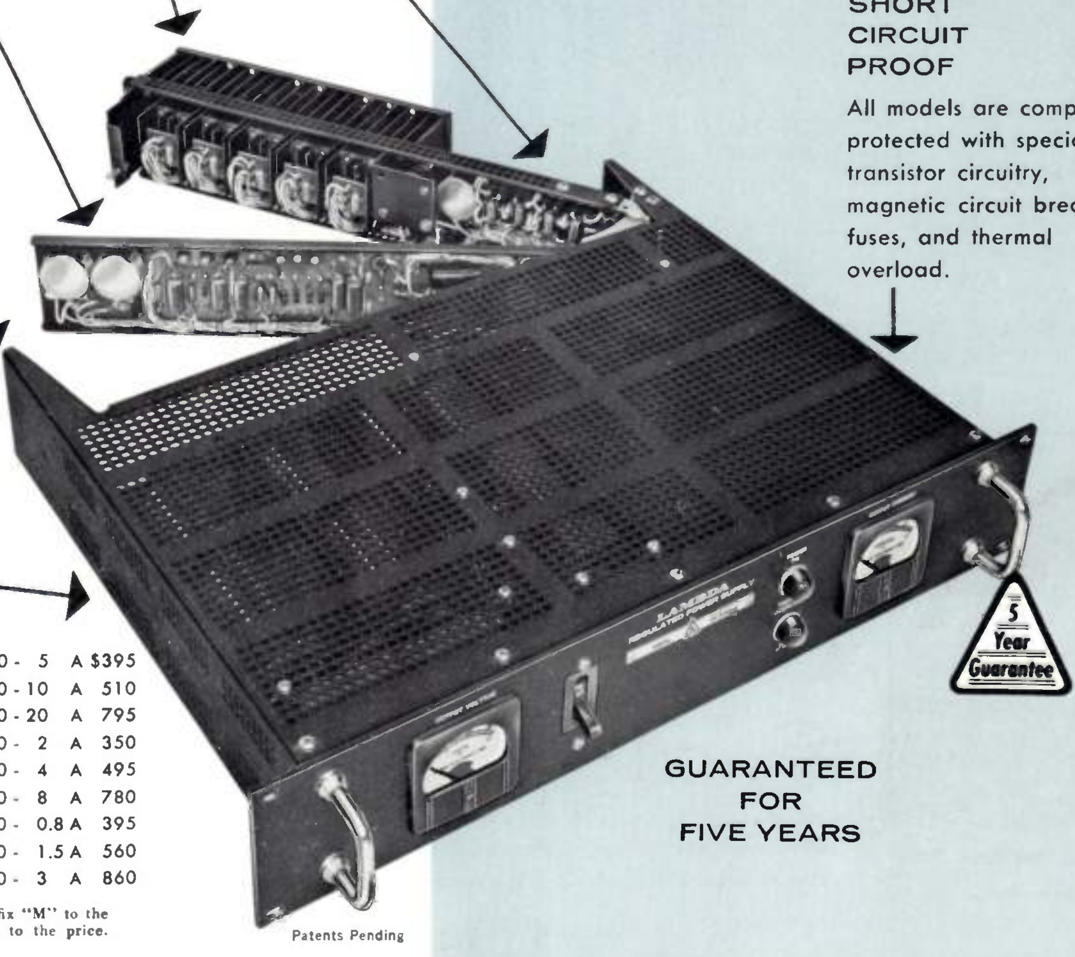
Lambda's design prevents output voltage overshoot on "turn on, turn off," or power failure.

MIL QUALITY

Hermetically-sealed magnetic shielded transformer designed to MIL-T-27A quality and performance. Special, high-purity foil, hermetically-sealed long life electrolytic capacitors.

SHORT CIRCUIT PROOF

All models are completely protected with special transistor circuitry, magnetic circuit breakers, fuses, and thermal overload.



GUARANTEED FOR FIVE YEARS

LA 50 - 03A	0 - 34 VDC	0 - 5 A	$395
LA100 - 03A	0 - 34 VDC	0 - 10 A	510
LA200 - 03A	0 - 34 VDC	0 - 20 A	795
LA 20 - 05B	20 - 105 VDC	0 - 2 A	350
LA 40 - 05B	20 - 105 VDC	0 - 4 A	495
LA 80 - 05B	20 - 105 VDC	0 - 8 A	780
LA 8 - 08B	75 - 330 VDC	0 - 0.8 A	395
LA 15 - 08B	75 - 330 VDC	0 - 1.5 A	560
LA 30 - 08B	75 - 330 VDC	0 - 3 A	860

For metered models add the suffix "M" to the model number and add $30.00 to the price.

Patents Pending

CHECK LIST OF LAMBDA REGULATED D. C. POWER SUPPLIES

Model	Voltage Range (VDC)	Current Range	Regulation Ripple (Table 1)	6.3 VAC Output (Amps)	Internal Impedance (Ohms) Less Than	Meters	Output Voltage Control	Output Terminals	Size Weight (Table II)	Price (U.S. and Canada) F.O.B. Factory Huntington, N. Y.
				REGULATED POWER SUPPLIES — RACK MOUNTING						
TRANSISTORIZED										
LT-1095	0-32	0- 1 AMP	A	—	0.05	None	Rear	Rear	S-1	235.00
LT-1095M	0-32	0- 1 AMP	A	—	0.05	2½" rect	Rear	Rear	S-1	265.00
LT-2095	0-32	0- 2 AMP	A	—	0.025	None	Rear	Rear	S-1	295.00
LT-2095M	0-32	0- 2 AMP	A	—	0.025	2½" rect	Rear	Rear	S-1	325.00
LA-50-03A	0-34	0- 5 AMP	B	—	0.008	None	Rear	Rear	S-2	395.00
LA-50-03AM	0-34	0- 5 AMP	B	—	0.008	2½" rect	Rear	Rear	S-2	425.00
LA-100-03A	0-34	0-10 AMP	B	—	0.004	None	Rear	Rear	S-3	510.00
LA-100-03AM	0-34	0-10 AMP	B	—	0.004	3½" rect	Rear	Rear	S-3	540.00
LA-200-03A	0-34	0-20 AMP	B	—	0.002	None	Rear	Rear	S-4	795.00
LA-200-03AM	0-34	0-20 AMP	B	—	0.002	3½" rect	Rear	Rear	S-4	825.00
LA-20-05B	20-105	0- 2 AMP	B	—	0.06	None	Rear	Rear	S-2	350.00
LA-20-05BM	20-105	0- 2 AMP	B	—	0.06	2½" rect	Rear	Rear	S-2	380.00
LA-40-05B	20-105	0- 4 AMP	B	—	0.03	None	Rear	Rear	S-3	495.00
LA-40-05BM	20-105	0- 4 AMP	B	—	0.03	3½" rect	Rear	Rear	S-3	525.00
LA-80-05B	20-105	0- 8 AMP	B	—	0.015	None	Rear	Rear	S-4	780.00
LA-80-05BM	20-105	0- 8 AMP	B	—	0.015	3½" rect	Rear	Rear	S-4	810.00
LA- 8-08B	75-330	0- 0.8 AMP	B	—	0.50	None	Rear	Rear	S-2	395.00
LA- 8-08BM	75-330	0- 0.8 AMP	B	—	0.50	2½" rect	Rear	Rear	S-2	425.00
LA-15-08B	75-330	0- 1.5 AMP	B	—	0.25	None	Rear	Rear	S-3	560.00
LA-15-08BM	75-330	0- 1.5 AMP	B	—	0.25	3½" rect	Rear	Rear	S-3	590.00
LA-30-08B	75-330	0- 3 AMP	B	—	0.15	None	Rear	Rear	S-4	860.00
LA-30-08BM	75-330	0- 3 AMP	B	—	0.15	3½" rect	Rear	Rear	S-4	890.00
TUBE REGULATED										
C-280	0-200	0- 200 MA	C	10A	6	None	Rear	Rear	S-5	184.50
C-280M	0-200	0- 200 MA	C	10A	6	3½" rect	Rear	Rear	S-5	214.50
C-281	125-325	0- 200 MA	C	10A	6	None	Rear	Rear	S-5	159.50
C-281M	125-325	0- 200 MA	C	10A	6	3½" rect	Rear	Rear	S-5	189.50
C-282	325-525	0- 200 MA	C	10A	6	None	Rear	Rear	S-5	169.50
C-282M	325-525	0- 200 MA	C	10A	6	3½" rect	Rear	Rear	S-5	199.50
C-480	0-200	0- 400 MA	C	15A	3	None	Rear	Rear	S-5	259.50
C-480M	0-200	0- 400 MA	C	15A	3	3½" rect	Rear	Rear	S-5	289.50
C-481	125-325	0- 400 MA	C	15A	3	None	Rear	Rear	S-5	244.50
C-481M	125-325	0- 400 MA	C	15A	3	3½" rect	Rear	Rear	S-5	274.50
C-482	325-525	0- 400 MA	C	15A	3	None	Rear	Rear	S-5	259.50
C-482M	325-525	0- 400 MA	C	15A	3	3½" rect	Rear	Rear	S-5	289.50
C-880	0-200	0- 800 MA	C	20A	1.5	None	Rear	Rear	S-6	340.00
C-880M	0-200	0- 800 MA	C	20A	1.5	3½" rect	Rear	Rear	S-6	370.00
C-881	125-325	0- 800 MA	C	20A	1.5	None	Rear	Rear	S-6	315.00
C-881M	125-325	0- 800 MA	C	20A	1.5	3½" rect	Rear	Rear	S-6	345.00
C-882	325-525	0- 800 MA	C	20A	1.5	None	Rear	Rear	S-6	360.00
C-882M	325-525	0- 800 MA	C	20A	1.5	3½" rect	Rear	Rear	S-6	390.00
C-1580	0-200	0-1500 MA	C	30A	0.75	None	Rear	Rear	S-7	550.00
C-1580M	0-200	0-1500 MA	C	30A	0.75	3½" rect	Rear	Rear	S-7	580.00
C-1581	125-325	0-1500 MA	C	30A	0.75	None	Rear	Rear	S-7	575.00
C-1581M	125-325	0-1500 MA	C	30A	0.75	3½" rect	Rear	Rear	S-7	605.00
C-1582	325-525	0-1500 MA	C	30A	0.75	None	Rear	Rear	S-7	650.00
C-1582M	325-525	0-1500 MA	C	30A	0.75	3½" rect	Rear	Rear	S-7	680.00
28	200-325	0- 100 MA	D	3A	10	None	Rear	Rear	S-8	59.50
28M	200-325	0- 100 MA	D	3A	10	3½" rect	Rear	Rear	S-8	89.50
29	100-200	0- 100 MA	E	3A	10	None	Rear	Rear	S-8	69.50
29M	100-200	0- 100 MA	E	3A	10	3½" rect	Rear	Rear	S-8	99.50
32	200-325	0- 300 MA	D	2 @ 5A	4	None	Rear	Rear	S-9	139.50
32M	200-325	0- 300 MA	D	2 @ 5A	4	3½" rect	Rear	Rear	S-9	169.50
33	100-200	0- 300 MA	D	2 @ 5A	4	None	Rear	Rear	S-9	154.50
33M	100-200	0- 300 MA	D	2 @ 5A	4	3½" rect	Rear	Rear	S-9	184.50
50R	0-500	0- 500 MA	F	2 @ 5A	2	4½" rect	Front	Fr & rear	S-10	420.00
	0-50	Bias	G		3,300					
	0-200	High Imped.	H		17,500					
				REGULATED POWER SUPPLIES — PORTABLE AND BENCH						
25	200-325	0-100 MA	D	3A	10	None	Front	Front	S-11	69.50
26	100-200	0-100 MA	E	3A	10	None	Front	Front	S-11	79.50
50						See Model 50R above			S-12	440.00
71	0-500	0-200 MA	J	2 @ 5A	4	3½" rect	Front	Front	S-13	310.00
	0-50	Bias	K		5,500					
	0-200	High Imped.	L		25,000					

TABLE I
DC OUTPUT VOLTAGE REGULATION, RIPPLE

	REGULATION		
	Line (min to max) Rated	Load (min to max) Rated	Ripple, rms (millivolts)
	Less than	Less than	Less than
A	0.15% or 20MV	0.15% or 20MV	1MV
B	0.05% or 15MV	0.10% or 8MV	1MV
C	0.15% or 0.3V	0.25% or 0.5V	3MV
D	1%	1%	10MV
E	1%	1%	5MV
F	0.15% or 0.1V	0.5% or 0.3V	8MV
G	0.1%	unregulated	2MV
H	0.1%	unregulated	5MV
J	0.15% or 0.3V	0.15% or 0.3V	5MV
K	0.1%	unregulated	2MV
L	0.1%	unregulated	5MV

TABLE II
SIZES AND WEIGHTS

	Size H x W x D (inches)	WEIGHT Net (lbs)	WEIGHT Shipping (lbs)
S-1	3½ x 19 x 14⅜	35	65
S-2	3½ x 19 x 14⅜	55	85
S-3	7 x 19 x 14⅜	100	130
S-4	10½ x 19 x 16½	140	170
S-5	5¼ x 19 x 14⅜	53	80
S-6	7 x 19 x 14⅜	84	100
S-7	8¾ x 19 x 14⅜	120	140
S-8	5¼ x 19 x 8	19	23
S-9	10½ x 19 x 9¼	42	52
S-10	10½ x 19 x 14¼	89	140
S-11	8 x 14 x 6	19	23
S-12	12½ x 22 x 15	110	158
S-13	13 x 8¾ x 14½	49	85

GENERAL SPECIFICATIONS

TESTING Every Lambda power supply is electrically tested to meet every electrical catalog specification. There is a large safety margin between published maximum specifications and factory test limits. This tolerance is incorporated in the specifications to allow for normal industrial component deviations. Tube replacements may be made with any equivalent tubes meeting E.I.A. specifications.

INPUT 105-125 VAC, 50-400 CPS, single phase. Exceptions: Models 50, 50R and 71—105-125 VAC, 50-60 CPS, LA Series—105-140 VAC on 20-105 VDC and 75-330 VDC Models; and 100-130 VAC on 0-34 VDC Models; 60 ± 0.3 cycle. For operation over wider frequency band, consult factory.

DC OUTPUT *Voltage Range:* Continuously variable over ranges specified, except where otherwise noted.

Current Range: The current ranges given apply to the entire DC output voltage range, and over entire AC input voltage range, no "de-rating" is necessary.

Polarity: Either positive or negative terminal may be grounded.

AC OUTPUT The AC output is unregulated, isolated and ungrounded. It has a value of slightly higher than 6.3 V (when fully loaded) at an input of 115 VAC. This value allows for voltage drop in connecting leads. Dual outputs may be connected in series or parallel.

DUTY CYCLE Continuous duty at full load.

METERS Where meters are indicated, a separate voltmeter and milliammeter are provided.

OVERLOAD PROTECTION Ample protection is provided against external overload and internal failure conditions by means of fuses.

Circuit breakers of the magnetic, "trip-free" type are employed in Models 50, 50R, 71, LT and LA series, as protection against external overloads. And in the LT and LA series, the transistor complement is independently protected by special transistor circuitry.

STYLE Rack Models are designed for mounting on standard 19" relay racks.

Bench Models are provided with compact, specially-designed, ventilated cabinets equipped with carrying handles. The power supply units may be removed from their cabinets for mounting in standard relay racks (except Models 25, 26 and 71).

RATINGS AND COMPONENTS All components used are of the highest quality and are operated well within manufacturers' ratings. Hermetically sealed, oil-filled capacitors are used exclusively, except in LT series and LA series, where special high purity foil, long-life electrolytics are used. Hermetically sealed transformers designed to MIL-T-27A are used in the LA series, LT series and Com-Pak series. Ample safety factors are provided in the design to insure the long life, and the dependable, trouble-free operation so desirable in industrial and laboratory applications.

All specifications and prices subject to change without notice.

SEND FOR NEW LAMBDA CATALOG—61

LAMBDA ELECTRONICS CORP.
515 BROAD HOLLOW ROAD • HUNTINGTON, L. I., NEW YORK • 516 MYRTLE 4-4200

SPECIAL FEATURES

- Convection cooling — no internal blowers
- Ambient 50°C
- Specially designed, high efficiency radiator heat sinks
- Protected by magnetic circuit breakers
- Short-circuit-proof
- Excess ambient thermal protection
- Special transistor circuitry provides independent protection against transistor complement overload
- Remotely programmable by simple use of external resistor over the DC vernier range
- Remote sensing
- No voltage spikes or overshoot on "turn on, turn off," or power failure
- Excellent regulation . . . low output impedance . . . low ripple
- Fast transient response
- Hermetically-sealed transformer—designed to MIL-T-27A
- Special, high-purity foil, hermetically sealed long-life electrolytic capacitors
- All transistor — no tubes
- Constant current operation (consult factory)

COMPLETE SPECIFICATIONS OF LAMBDA LA SERIES

DC OUTPUT (regulated for line and load)

Model	Voltage Range 1	Current Range 2	Price 3
LA 50-03A	0- 34 VDC	0- 5 AMP	$395
LA100-03A	0- 34 VDC	0-10 AMP	510
LA200-03A	0- 34 VDC	0-20 AMP	795
LA 20-05B	20-105 VDC	0- 2 AMP	350
LA 40-05B	20-105 VDC	0- 4 AMP	495
LA 80-05B	20-105 VDC	0- 8 AMP	780
LA 8-08B	75-330 VDC	0- 0.8 AMP	395
LA 15-08B	75-330 VDC	0- 1.5 AMP	560
LA 30-08B	75-330 VDC	0- 3 AMP	860

[1] *The DC output voltage for each model is completely covered by four selector switches plus vernier control. The DC output voltage is the summation of the minimum voltage plus the voltage steps and the continuously variable DC vernier.*

[2] *Current rating applies over entire voltage range.*

[3] *Prices are for unmetered models. For metered models add the suffix "M" and add $30.00 to the price.*

CONTINUOUSLY VARIABLE VERNIER OR PROGRAMMABLE VOLTAGE BANDS:

LA 50-03A LA100-03A LA200-03A	LA20-05B LA40-05B LA80-05B	LA 8-08B LA15-08B LA30-08B
VDC	VDC	VDC
0- 4	20- 30	75-105
2- 6	25- 35	90-120
4- 8	30- 40	105-135
6-10	35- 45	120-150
8-12	40- 50	135-165
10-14	45- 55	150-180
12-16	50- 60	165-195
14-18	55- 65	180-210
16-20	60- 70	195-225
18-22	65- 75	210-240
20-24	70- 80	225-255
22-26	75- 85	240-270
24-28	80- 90	255-285
26-30	85- 95	270-300
28-32	90-100	285-315
30-34	95-105	300-330

Regulation (line) . . . Less than 0.05 per cent or 8 millivolts (whichever is greater). For input variations from 105-140 VAC.[4]

Regulation (load) . . . Less than 0.10 per cent or 15 millivolts (whichever is greater). For load variations from 0 to full load.

Transient Response . . . Output voltage is constant within regulation specifications for step function:

(line) . . . line voltage change from 105-140 VAC or 140-105 VAC.[4]

(load) . . . load change from 0 to full load or full load to 0 within 50 microseconds after application.

Ripple and Noise . . . Less than 1 millivolt rms with either terminal grounded.

Polarity . . . Either positive or negative terminal may be grounded.

Temperature Coefficient . . Less than 0.025 %/°C

Internal Impedance . . . .

LA 50-03A less than .008 ohms	LA 80-05B less than .015 ohms
LA100-03A less than .004 ohms	LA 8-08B less than .5 ohms
LA200-03A less than .002 ohms	LA 15-08B less than .25 ohms
LA 20-05B less than .06 ohms	LA 30-08B less than .15 ohms
LA 40-05B less than .03 ohms	

AC INPUT . . . . 105-140[4] VAC, 60 ± 0.3 cycle[5]

LA 50-03A . . . . 360 watts[6]	LA 80-05B . . . . 1350 watts[6]
LA100-03A . . . . 680 watts[6]	LA 8-08B . . . . 415 watts[6]
LA200-03A . . . . 1225 watts[6]	LA 15-08B . . . . 760 watts[6]
LA 20-05B . . . . 390 watts[6]	LA 30-08B . . . . 1450 watts[6]
LA 40-05B . . . . 710 watts[6]	

[4] *Except for Models LA50-03A, LA100-03A, and LA200-03A which have AC input voltage of 100-130 VAC. 105-140 VAC available upon request at moderate surcharge.*

[5] *This frequency band amply covers standard commercial power line tolerances in the United States and Canada. For operation over wider frequency band, consult factory.*

[6] *With output loaded to full rating and maximum input voltage.*

AMBIENT TEMPERATURE AND DUTY CYCLE . . . . Continuous duty at full load up to 50°C (122°F) ambient.

OVERLOAD PROTECTION:

Electrical . . . . Magnetic circuit breaker front panel mounted. Special transistor circuitry provides independent protection against transistor complement overload. Fuses provide internal failure protection. Unit cannot be injured by short circuit or overload.

Thermal . . . . Thermostat, manual reset, rear of chassis. Thermal overload indicator light front panel.

INPUT AND OUTPUT CONNECTIONS: . . . . Heavy duty barrier terminal block, rear of chassis. 8 foot, 3 wire detachable line cord.

METERS . . . . Voltmeter and ammeter on metered models.

CONTROLS:

DC Output Controls . . . . Voltage selector switches and adjustable vernier-control rear of chassis.

Power . . . . Magnetic circuit breaker, front panel.

Remote Programming . . Provision for remote programming over DC vernier bands.

Remote Sensing . . . . Provision is made for remote sensing to eliminate effect of power output lead resistance on DC regulation.

Constant Current . . . . Consult factory.

PHYSICAL DATA:

Mounting . . . . Standard 19" Rack Mounting.

Size

LA 50-03A, LA20-05B, LA 8-08B	3½" H x 19" W x 14⅜" D
LA100-03A, LA40-05B, LA15-08B	7" H x 19" W x 14⅜" D
LA200-03A, LA80-05B, LA30-08B	10½" H x 19" W x 16½" D

Weight

LA 50-03A, LA20-05B, LA 8-08B	55 lb Net	85 lb Ship. Wt.
LA100-03A, LA40-05B, LA15-08B	100 lb Net	130 lb Ship. Wt.
LA200-03A, LA80-05B, LA30-08B	140 lb Net	170 lb Ship. Wt.

Panel Finish . . . . Black ripple enamel (standard). Special finishes available to customers' specifications at moderate surcharge. Quotation upon request.

LAMBDA LT SERIES

Regulated Power Supplies - Transistorized

New Prices Effective April 1, 1961

LT 1095M (with meters):	0-32 VDC, 0-1 AMP	$265.00
LT 2095M (with meters):	0-32 VDC, 0-2 AMP	325.00
LT 1095 (without meters):	0-32 VDC, 0-1 AMP	235.00
LT 2095 (without meters):	0-32 VDC, 0-2 AMP	295.00

Patents Pending

CONDENSED DATA:

Regulation: *Line* Better than 0.15% or 20 millivolts (whichever is greater). For input variations from 105-125 VAC.
Load Better than 0.15% or 20 millivolts (whichever is greater). For load variations from 0 to full load.

Transient Response: *Line* Output voltage is constant within regulation specifications for step-function line voltage change of plus (+) 10 volts or minus (—) 10 volts within the limits of 105-125 VAC.
Load Output voltage is constant within regulation specifications for step-function load change from 0 to full load or full load to 0 within 50 microseconds after application.

Ripple and Noise: Less than 1 millivolt rms.

AC Input: 105-125 VAC, 50-400 CPS.

Size: LT 1095.....3½" H x 19" W x 14⅜" D.
LT 2095.....3½" H x 19" W x 14⅜" D.

LAMBDA COM-PAK® SERIES

Regulated Power Supplies - Tube Type

C 280 (without meters):	0-200 VDC, 0- 200 MA	$184.50
C 281 (without meters):	125-325 VDC, 0- 200 MA	159.50
C 282 (without meters):	325-525 VDC, 0- 200 MA	169.50
C 480 (without meters):	0-200 VDC, 0- 400 MA	259.50
C 481 (without meters):	125-325 VDC, 0- 400 MA	244.50
C 482 (without meters):	325-525 VDC, 0- 400 MA	259.50
C 880 (without meters):	0-200 VDC, 0- 800 MA	340.00
C 881 (without meters):	125-325 VDC, 0- 800 MA	315.00
C 882 (without meters):	325-525 VDC, 0- 800 MA	360.00
C 1580 (without meters):	0-200 VDC, 0-1500 MA	550.00
C 1581 (without meters):	125-325 VDC, 0-1500 MA	575.00
C 1582 (without meters):	325-525 VDC, 0-1500 MA	650.00

Prices are for unmetered models. For metered models, add the suffix "M" to the model number and add $30 to the unmetered model price.

Patents Pending

CONDENSED DATA:

Regulation: *Line* Better than 0.15% or 0.3 Volt (whichever is greater). For input variations from 105-125 VAC.
Load Better than 0.25% or 0.5 Volt (whichever is greater). For load variations from 0 to full load.

Transient Response: *Line* Output voltage is constant within regulation specifications for step-function line voltage change of plus (+) 10 volts or minus (—) 10 volts rms within the limits of 105-125 VAC.
Load Output voltage is constant within regulation specifications for step-function load change from 0 to full load or full load to 0.

Ripple and Noise: Less than 3 millivolts rms.

AC Input: 105-125 VAC, 50-400 CPS.

AC Output: (unregulated)..6.5 VAC (at 115 VAC Input).[1]
C 200 Series..10 AMP; C 400 Series..15 AMP; C 800 Series..20 AMP; C 1500 Series..30 AMP.
[1] Allows for voltage drop in connecting leads. Isolated and ungrounded.

Size: C 200 Series.5¼" H x 19" W x 14⅜" D.
C 400 Series.5¼" H x 19" W x 14⅜" D.
C 800 Series.7" H x 19" W x 14⅜" D.
C 1500 Series.8¾" H x 19" W x 14⅜" D.

GUARANTEED FOR FIVE YEARS

OTHER RACK MODELS

Condensed Data

MODEL 50R

Patents Pending

"500 MA" SERIES MODEL 50R

0-500 VDC 0-500 MA

0-50, 0-200 VDC bias Price.....$420.00

DC OUTPUT No. 1 (regulated for line and load)

VDC Range ...0-500 **MA Range** ...0-500
(continuously variable) (over entire VDC range)

Line Regulation ..... 0.15% or 0.1V.
Load Regulation .... 0.5% or 0.3V.
Internal Impedance .. Less than 2 ohms.
Ripple and Noise .... Less than 8 MV rms.
Polarity .... Ground either terminal.

DC OUTPUT No. 2 (regulated for line only)

VDC Range	Internal Impedance	MA Range
0- 50 (no load)	3,300 ohms	Bias, High
0-200 (no load)	17,500 ohms	Imped.

Line Regulation ... Better than 0.1%.
Ripple and Noise . Less than 5 MV rms.
Polarity .... Pos. terminal connected internally to neg. terminal of DC output No. 1.
AC Input .... 100-125 VAC, 50-60 CPS.
Ambient Temperature Continuous duty, full load to 40°C ambient.
Size .... 10½" H x 19" W x 14¼" D.

MODEL 32M

Patents Pending

"300 MA" SERIES

100-200, 200-325 VDC 0-300 MA

Models	VDC Range	MA Range	Price Metered (M)	Price Unmetered
32, 32M	200-325	0-300	$169.50	$139.50
33, 33M	100-200	0-300	184.50	154.50

Line Regulation .... Better than 1%.
Load Regulation .... Better than 1%.
Internal Impedance . Less than 4 ohms.
Ripple and Noise ... Less than 10 MV rms.
Polarity .... Ground either terminal.
AC Input .... 105-125 VAC, 50-400 CPS.
Overload Protection . AC and DC fuses.
Size .... 10½" H x 19" W x 9¼" D.

MODEL 29M

Patents Pending

"100 MA" SERIES

100-200, 200-325 VDC 0-100 MA

Models	VDC Range	MA Range	Price Metered (M)	Price Unmetered
28, 28M	200-325	0-100	$89.50	$59.50
29, 29M	100-200	0-100	99.50	69.50

Line Regulation .... Better than 1%.
Load Regulation........ Better than 1%.
Internal Impedance .. Less than 10 ohms.
Ripple and Noise
Models 28, 28M .. Less than 10 MV rms.
Models 29, 29M .. Less than 5 MV rms.
Polarity .... Ground either terminal.
AC Input .... 105-125 VAC, 50-400 CPS.
Ambient Temperature Continuous duty, full load to 50°C.
Overload Protection. . AC fuse.
Size .... 5¼" H x 19" W x 8" D.

PORTABLE AND BENCH MODELS

Condensed Data

MODEL 71

Patents Pending

PORTABLE MODEL 71

0-500 VDC 0-200 MA

0-50, 0-200 VDC bias Price.....$310.00

DC OUTPUT No. 1 (regulated for line and load)

VDC Range...0-500 **MA Range**...0-200
(continuously variable) (over entire VDC range)

Line Regulation .. 0.15% or 0.3V.
Load Regulation.. 0.15% or 0.3V.
Internal Impedance Less than 4 ohms.
Ripple and Noise . Less than 5 MV rms.
Polarity .... Ground either terminal.

DC OUTPUT No. 2 (regulated for line only)

VDC Range	Internal Impedance	MA Range
0- 50 (no load)	5,500 ohms	Bias, High
0-200 (no load)	25,000 ohms	Imped.

Line Regulation... Better than 0.1%.
Ripple and Noise . Less than 5 MV rms.
Polarity .... Pos. terminal connected internally to neg. terminal of DC output No. 1.
AC Input .... 105-125 VAC, 50-60 CPS.
Ambient Temperature
Continuous duty, full load to 40°C.
Size............. 13" H x 8¾" W x 14½" D.

MODEL 50

Patents Pending

BENCH MODEL 50

0-500 VDC 0-500 MA

0-50, 0-200 VDC bias Price.......$440.00

Size............. 12½" H x 22" W x 15" D.
For ratings, see data listed under Model 50R.

MODEL 25

Patents Pending

PORTABLE MODELS 25, 26

100-200, 200-325 VDC 0-100 MA

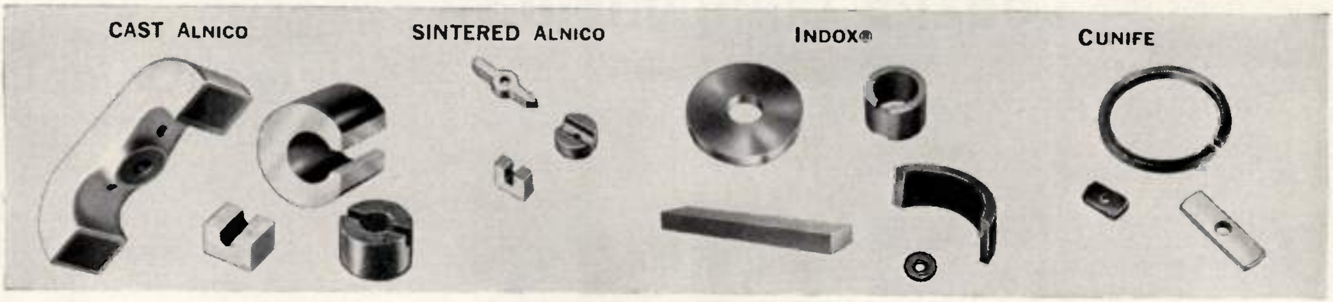
Model	VDC Range	MA Range	Price
25	200-325	0-100	$69.50
26	100-200	0-100	79.50

Line Regulation ..... Better than 1%.
Load Regulation .... Better than 1%.
Internal Impedance.. Less than 10 ohms.
Ripple and Noise.... Less than 10 MV rms for Model 25. Less than 5 MV rms for Model 26.
Polarity .... Ground either terminal.
AC Input .... 105-125 VAC, 50-400 CPS.
Ambient Temperature Continuous duty, full load to 40°C.
Overload Protection . AC and DC fuses.
Size .... 8" H x 14" W x 6" D.

LAMBDA ELECTRONICS CORP.

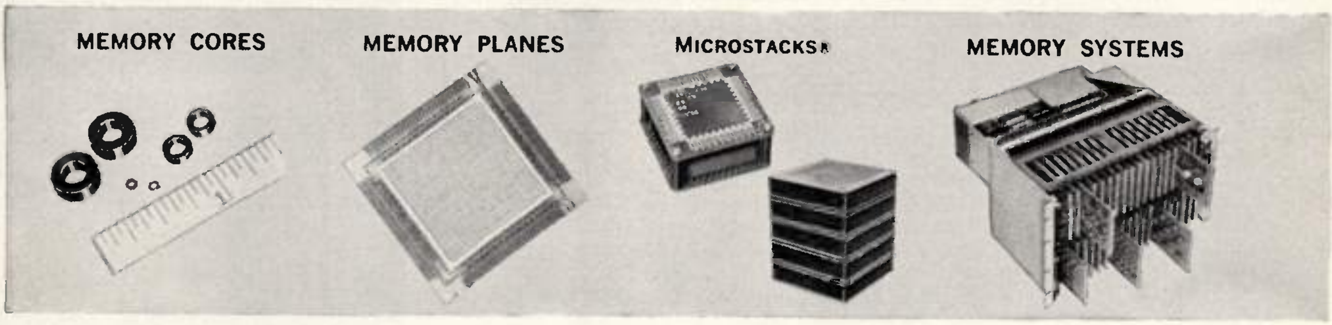
from **INDIANA GENERAL CORPORATION**

Indiana Steel Products Division — PERMANENT MAGNETS

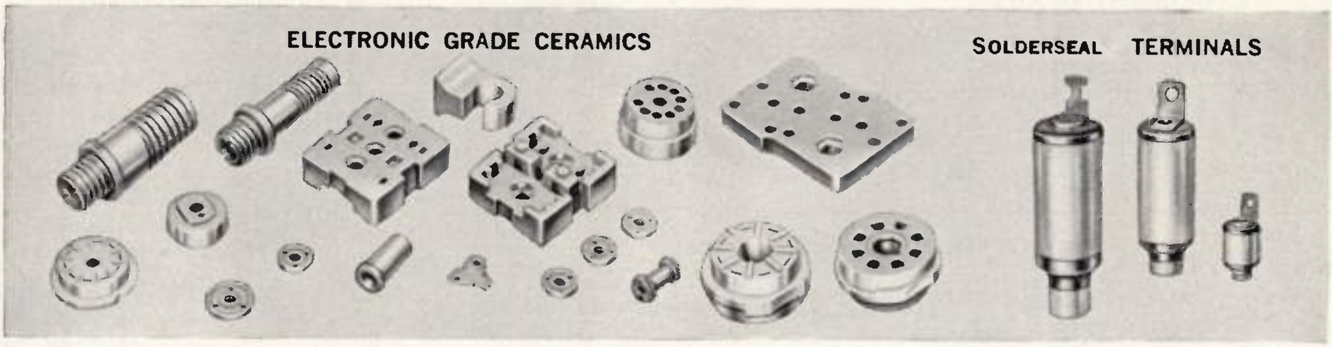


General Ceramics Division — FERRAMIC* CORE MATERIALS

General Ceramics Division — MEMORY PRODUCTS



General Ceramics Division — TECHNICAL CERAMICS



Indiana General offers a complete stock of off-the-shelf components in a wide variety of shapes and materials. In addition, IGC engineers are always available to help you solve special design problems.

For Ferrites, Memory Products and Technical Ceramics write to:

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Indiana Steel Products Division, Valparaiso, Indiana

INDIANA GENERAL CORPORATION VALPARAISO, INDIANA

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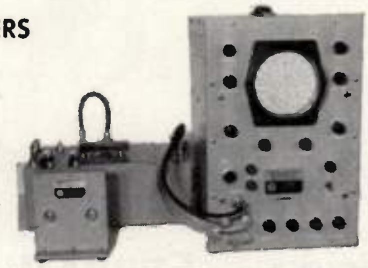
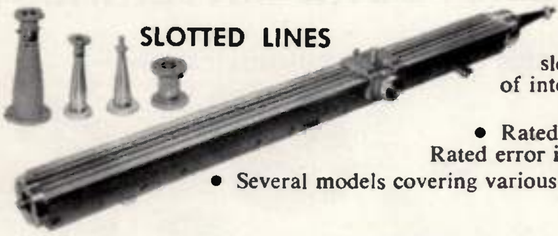
AMCI rf instruments and coaxial components

AUTOMATIC IMPEDANCE PLOTTERS

- Measure and plot rf impedance or transfer characteristic as a continuous function of frequency from 0.1 to 1700 mc.
- Impedance versus frequency curve is automatically plotted as it would be seen at any point desired.
- Entirely self-contained, except for use of an external oscillator.



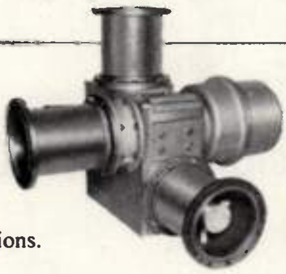
SLOTTED LINES



- High-precision universal slotted lines with a wide variety of interchangeable tapered reducers and tunable probes.
- Rated residual SWR is under 1.010. Rated error in detected signal under 1.005.
- Several models covering various bands from 37.5 to 4,000 mc.

COAXIAL SWITCHES

- For use in rigid 3⅛" and 6⅛" coaxial transmission line.
- Low SWR.
- Motor-driven or manually operated.
- Very high peak power models for radar applications.



INSTRUMENT HYBRIDS

- Inherent high isolation independent of frequency. Rated residual unbalance from 40 to 60 db.
- Wide range of frequency bands from 45 mc to 3600 mc for use with all transmission line sizes from Type N to 6⅛".
- Constant coupling in both magnitude and phase over the frequency range, with equal loads.

INSTRUMENT LOADS

- Excellent stability and low reflection. Suitable as secondary standards.
- SWR of Type N termination under 1.02, 0-1100 mc.
- Available in nearly all rigid and flexible coaxial transmission line sizes.
- Models for use at liquid nitrogen temperatures.

OTHER AMCI PRODUCTS

Line Stretchers
Tapered Reducers
Impedance Standard Lines
Adjustable Matching Networks
Dipoles

VOR Antennas
TV Broadcasting Antennas
directional and omnidirectional
Diplexing Filters
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Please write for complete catalog or specific information.

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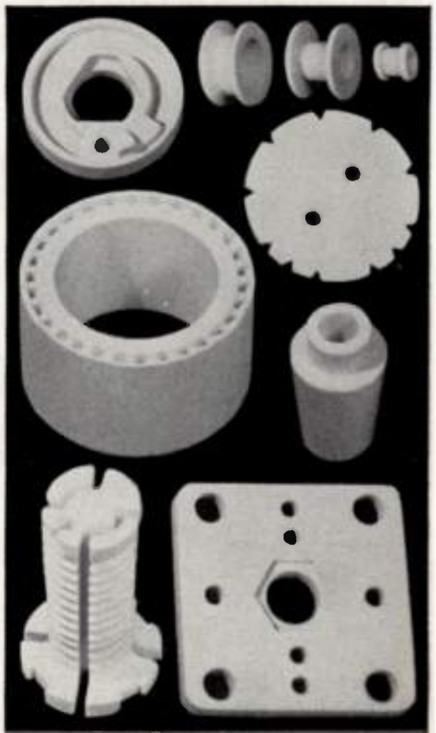

featuring

- low dielectric loss at high frequencies
- high dielectric strength
- high mechanical strength
- excellent thermal conductivity
- good thermal shock resistance
- impervious to gas and moisture

in various intricate shapes and sizes and any production volume at exceptionally low price

Send for your copy of Bulletin No. 59-10 on your letterhead. It outlines the properties and characteristics of Du-Co Ceramics for the Electronic Industries.

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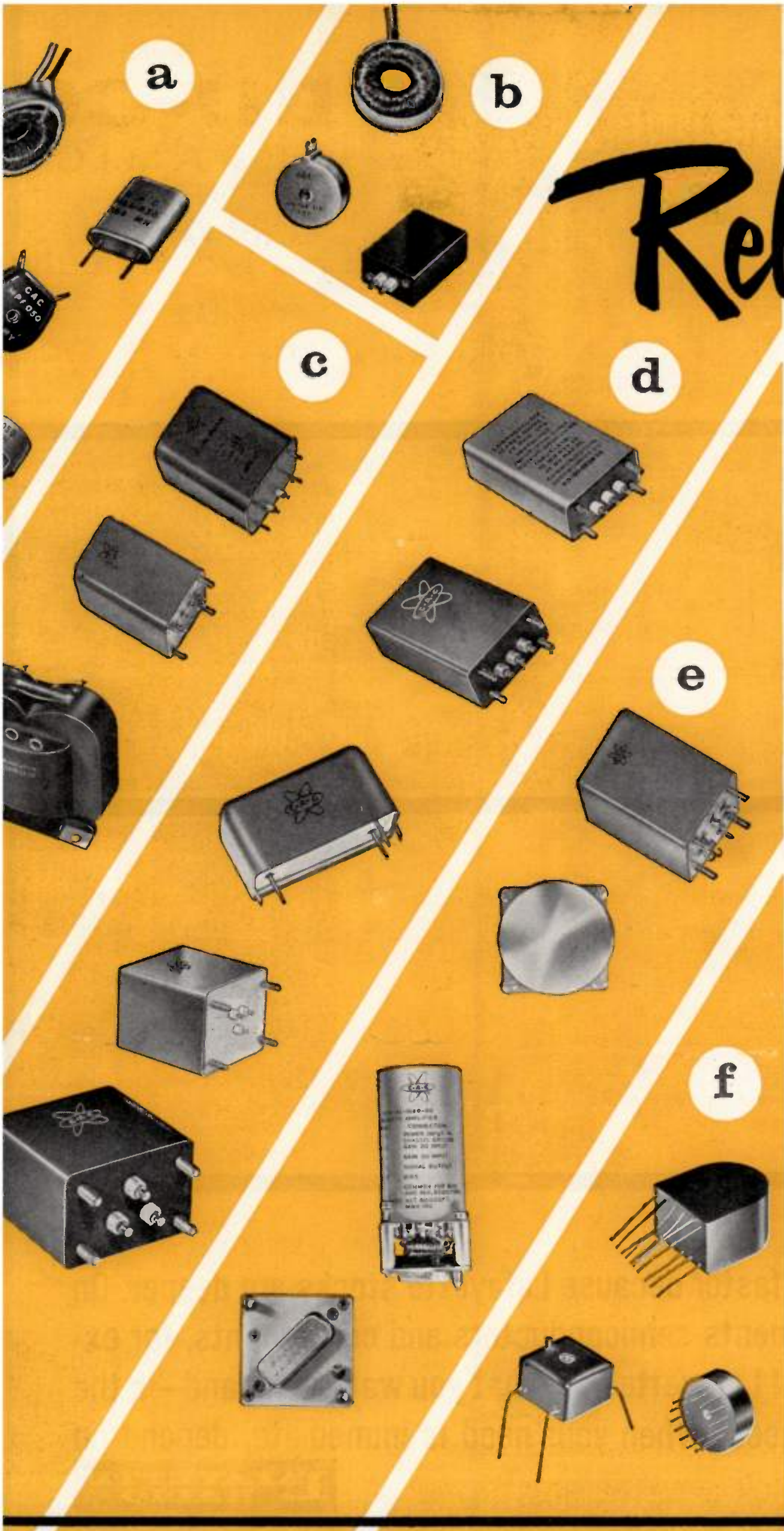

C-A-C®

Reliability

in Components

a Toroids, Subminiatures—1% Coils

Types: QLS Uncased; MPF Molded Plastic; HSD Printed Circuit and HSA Crystal Can, hermetic sealed cases.
Inductances: .05 to 300 MH.
Frequencies: Sub audio to 5 MC.
Non Stabilized Cores 050, 051, 054.
Designs: Stock and custom for specific applications.

b Toroids, Standard—1% Coils

Types: QL Uncased, MP Molded Plastic, HS Hermetic Sealed.
Inductances: 2 MH to 60 HY.
Frequencies: Sub audio to 100 KC.
Non Stabilized Cores 206, 848, 930, 395, 254, 715.
Stabilized Cores 951, 403, 671, 269, 082.
Designs: Stock and custom for specific applications.

c Transformers—Reactors—Laminated and Toroidal

Types: Power; Low and High Voltage; Hi Temperature, Class U; Exclusive Process; Audio; Pulse, Low Level; Foil Wound.
Designs: MIL-T-27A; high quality commercial.

d Filters—Band Pass; Band Stop; Telemetering; Telegraph; Aircraft Navigation; Lumped Constant Delay Lines; Miniaturized

L-C filters utilizing high Q toroidal inductors. CAC's years of experience in the design and manufacture of tight tolerance networks results in superior performance and reliability. CAC engineers welcome your inquiries.

e Magnetic Amplifiers—Saturable Reactors

CAC specializes in development of magnetic amplifiers for specific applications . . . high and low level . . . for servomotors, computers. We can supply design and precision production of the magnetic component only or with the associated circuitry.

f Plastic Packaged Inductors

As a pioneer in the plastic packaging of inductors, CAC has developed practical techniques assuring high performance in the smallest physical size. For printed wiring and chassis-mounted applications. Consult CAC's Process and Material Engineering Department on packaging problems.

COMMUNICATION ACCESSORIES COMPANY

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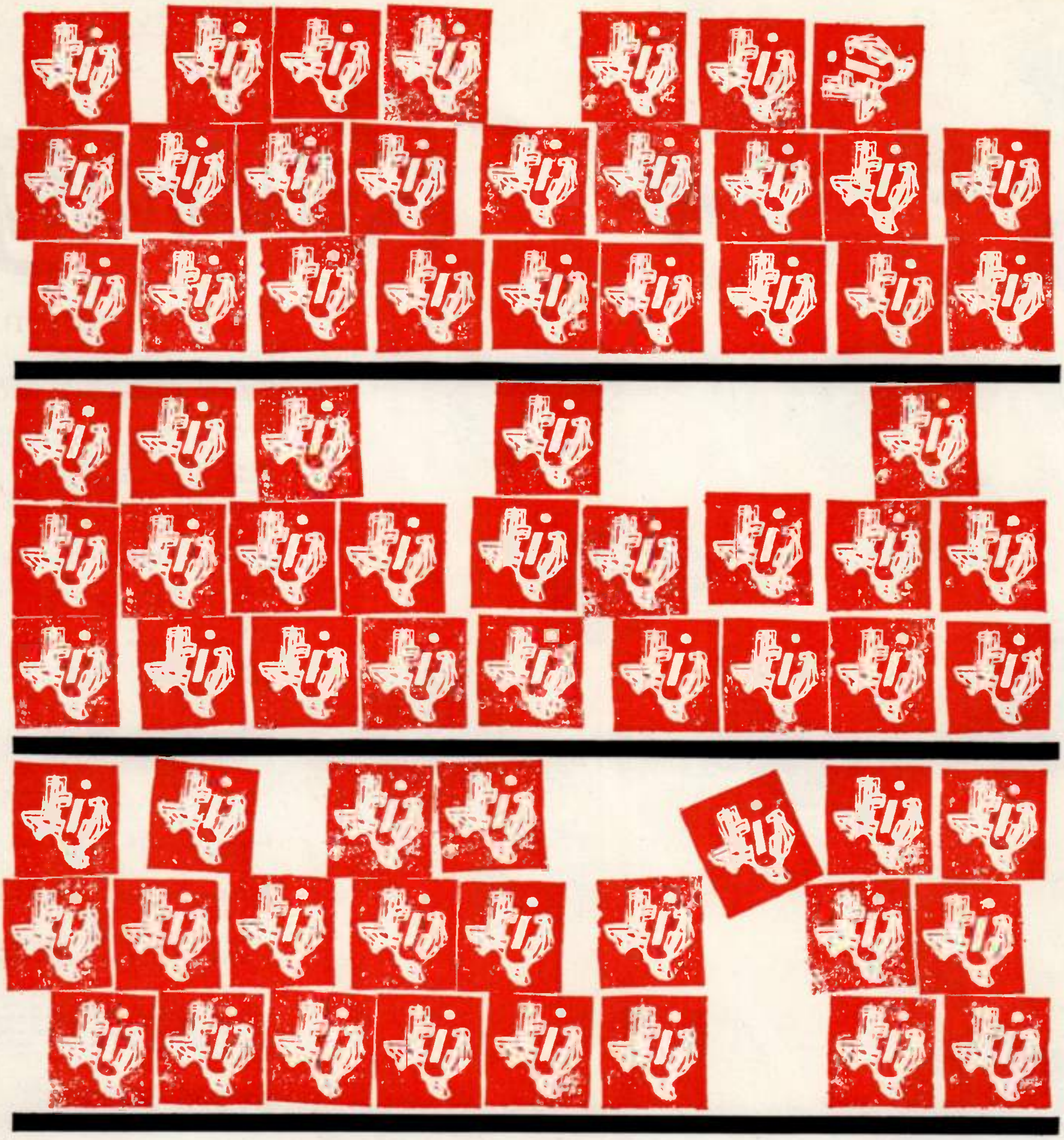
✓ Delivery
✓ Qualit

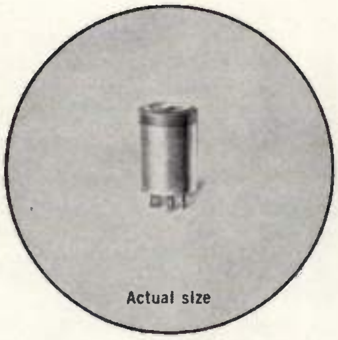


KLIXON® QUALITY ELECTRO/THERMAL CONTROLS

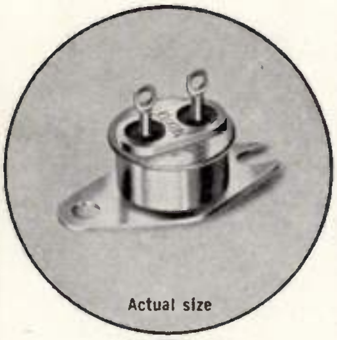
HIGH RELIABILITY FOR ELECTRONIC, RADAR AND RADIO EQUIPMENT; GROUND SUPPORT EQUIPMENT, AEROSPACE APPLICATIONS

NEW AT1-1 SUBMINIATURE PRECISION SWITCH

With a 0.440" height, 0.320" diam., KLIXON AT1-1 is a SPDT hermetically sealed snap-action switch. Weight: 1 gram. Shock resistant to 100 g's. Vibration resistant to 40 g's, 0-2000 cps. Current capacity: 3 amps, resistive 28 V-dc. Environmental free — complete seal assured even at high altitudes. Operates up to 275°F. Meets MIL-S-8484A, Class A.



Actual size



Actual size

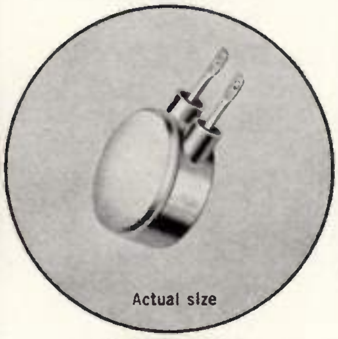
HIGH RELIABILITY M1 PRECISION THERMOSTAT

Hermetically sealed SPST thermostat conforms with MIL-E-5272C and MIL-T-5574A. Snap-acting, disc type design for temperature control or warning on electronic and radar equipment, gyros, fuel pumps, servomotors, telemetering, de-icing and other equipment in critical avionic and aerospace applications. Vibration resistant right to operating temperature. Ambient temperature range —65° to +450°F. Minimum differential, 9°F. Ratings up to 7 amps, 30 V-ac/dc; 6 amps, 125 V-ac; 3 amps, 250 V-ac. Weight 3.7 gr basic unit.

KX-5 SERIES PRECISION SWITCHES

Hermetically sealed snap-acting limit switches. Seal uses metalized ceramic terminal inserts and metal diaphragm. Switching element, one-piece sine blade. Steel case withstands high impact and compression loads. High temperature resistance to 375°F. Vibration resistance to 25 g's, 0-2500 cps. Ratings to 10 amps, 115 V-ac or 30 V-dc resistive. 25,000 cycles minimum life. Ambient temperature range, —65° to +375°F. Weight 1 oz. Variety of actuators available.

Slightly smaller than actual size



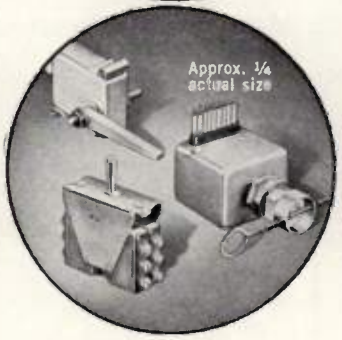
Actual size

NEW NARROW DIFFERENTIAL M2 PRECISION THERMOSTAT

Hermetically sealed SPST thermostat with positive snap action. Designed with a low silhouette, controls temperatures to narrow differentials. For use on electronic and military applications such as gyros, missiles, radar and other aerospace equipment. Ambient temperature range of —65° to +450°F, minimum differential of 2 to 5°F. Rating up to 2 amps, 30 V-ac and 125 V-ac for 250,000 cycles. Weight of basic thermostat: 3.76 grams.

PACKAGED PRECISION SWITCHES

KX and AT series hermetically sealed switches are used as basic units to build packages to meet customers' design needs. These "specials" include unique mounting configurations, connectors, leads, actuators, ganging of basic units, potting, etc. Environment free, metal-to-metal, glass-to-metal sealed. Qualified under MIL-S-6743, MIL-E-5272A, AN3234. The KX4 series has been assigned MS24456 (USAF).



Approx. 1/4 actual size

Approx. 1/3 actual size

PACKAGED PRECISION THERMOSTATS

Custom designed thermostat packaging to meet special requirements based on KLIXON hermetically sealed M1 thermostats (see above). The special KLIXON Packaging Facility comprises a 3-part "hurry-up team" of designers, production specialists and testing personnel who will assign a part number at once and then meet exceptionally fast delivery requirements.

SMALL LOW AMPERAGE 7274 CIRCUIT BREAKER

Simple push-pull, trip-free design. Available as shown: DPST with solder auxiliary terminals and either screw or solder main terminals. Also, SPST with screw-type terminals. All models neck mounted. Neck bushing length 0.359" to accommodate 0.125" panels. Exceptionally small — depth of breaker behind panel, 1.420" max; height, 0.750"; width 0.562". Ratings ½ to 5 amps. Ultimate trip @ 77°F, 115-145%. 200% trip, 2-20 seconds. Vibration resistance 10 g's to 2000 cps. Shock resistance 35 g's. Weight only 0.9 oz. Also available in three-phase type.

Approx. ½ actual size

Approx. ½ actual size

THREE-PHASE D6760 SIMULTRIP* CIRCUIT BREAKER

Thermal type. Interrupts high ac short circuits . . . trips quickly . . . provides simultaneous tripping and trip-free action of all three phases should any one phase become overloaded. Phases can be different ratings. Ratings 5 to 60 amps. 120/208 V-ac, 60/400 cycle systems and 220/440 V-ac, 60/400 cycle systems. Weight 227 grams. Ac rupture capacity 2500 amps, 1ϕ, 120 V-ac, 400 cps. Ultimate trip @ 77°F, 105-138%. 200% trip, 10-70 seconds. D6760-1 is the MS21984 circuit breaker.

*Trademark of Metals & Controls Inc.

KLIXON circuit breakers, precision switches, precision thermostats and thermal protectors are small in size and light in weight; they respond quickly and with accurate repeat performance; they have ample capacity to handle a wide range of electrical loads; their calibrations stand up in the face of severe environmental conditions.

Include a KLIXON field engineer in your early design discussions. For immediate information or assistance, call or write:

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A COMPLETE LINE OF PRECISION POTENTIOMETERS

TRIMMER POTENTIOMETERS

MINIATURE BOX TRIMMERS — five wirewound and metallic film types, permitting fine control of trimmer setting. Temperature ranges to 225°C., wide choice of sizes, reliable operation under severe environmental conditions.

MINIATURE ROTARY TRIMMERS — five standard types providing greater resistance ranges and power ratings. Operate to temperature of 145°C. Diameters from ½" to ⅞", can be ganged on common shaft.

PANEL CONTROLS

TP SERIES — a complete line of six types in diameters from ½" to 2". Are rotary, high torque, wirewound, single-turn pots, designed for panel mounting to be operated with a knob or precision calibrated dial drive. For applications in airborne or ground control equipment.

MTF SERIES — three, five, and ten-turn types of panel controls housed in corrosion-resistant box-like enclosures. Resistance element is TIC's famous metallic film resistance element. All have ½" diameters.

P SERIES — three rotary types especially designed for high precision, low cost commercial applications. All are single-turn, wirewound.

SERVO POTENTIOMETERS

PVR SERIES — seven single-turn, wirewound types with diameters from ½" to 3". High precision, low torque, multi-tap for use in automatic control and servo systems to be integrated in high precision electromechanical assemblies.

MULTITURNS — five highly reliable multiturn types with diameters of ⅞" or 1⅞". Used in military equipment servo systems.

UNITIZED CONSTRUCTION SERIES — two types with 1¾" or 2" diameters. Have special coupling device for speedy assembly or disassembly of multi-ganged units.

METALLIC FILM SERIES — featuring infinite resolution, four types available with TIC's revolutionary "capsule contact" design to greatly increase operating life.

P SERIES — commercial grade (non Mil spec) low cost series with three single-turn, wirewound types in diameters of 1¼", 1⅝", 3". High accuracy, low torque, low noise, long life.

TRANSDUCERS
DISPLACEMENT • PRESSURE

Four types available to receive a linear actuation (translational) motion. Pressure transducers also available to provide high resistance pick-offs having linear or non-linear functions, measure absolute, gage, or differential pressures.

Technology Instrument Corporation is one of the world's largest manufacturers of potentiometers, supplying companies throughout the nation with the most advanced pots. Special engineering services and factory consultation are available to meet the potentiometer needs of customers. Contact TIC for a free copy of its 200-page catalog with full details on the most complete line of potentiometers.

STANDARD BOX TRIMMER POTS IN-STOCK THROUGHOUT THE NATION FOR FAST DELIVERIES

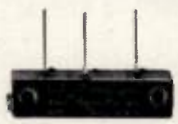
Here Are Your Stocking Points — Avnet Corp.

- Westbury, L.I., N.Y., 70 State St., Westbury 2617
- Los Angeles, Cal., 5877 Rodeo Rd., UPton 0-614
- Burlington, Mass., 45 Winn St., BRowning 2-3060
- Melrose Park, Ill., 2728 No. Mannheim Rd., GLadstone 5-8160
- Sunnyvale, Cal., 1262 No. Lawrence Sta. Rd., REgent 6-0300
- Dayton, Ohio, 4180 Kettering Blvd., AXminster 8-1458

The four standard TIC box trimmer potentiometers are ready for immediate shipment to you from any of six convenient stocking points. Simply call any of the locations, and TIC box trimmers will be on their way to you in a hurry. You save time . . . you keep your production lines moving without delay.

And, as an extra feature, TIC has simplified your selection of standard box trimmers. They have all the features you need in four types, with a choice of mountings. All are virtually hermetically sealed for moisture proof operation. In type designations, letter "W" indicates pot is wirewound, "F" metallic film resistance with infinite resolution.

TYPES	RES. CODE	RES. OHMS
25 turn lead screw adjustment (9000°)		
RTW-W1 (Wire Leads)	500	50
RTW-L1 (Printed Circuit Lugs)	101	100
RTW-L2 (Printed Circuit Lugs)	501	500
RTW-P1 (Tinned Leads)	102	1K
	502	5K
	103	10K
	253	25K
	503	50K
	104	100K
25 turn lead screw adjustment (9000°)		
RTF-W1 (Wire Leads)	500	50
RTF-L1 (Printed Circuit Lugs)	101	100
RTF-L2 (Printed Circuit Lugs)	501	500
RTF-P1 (Tinned Leads)	102	1K
	502	5K
	103	10K
	253	25K
25 turn lead screw adjustment (9000°)		
RWT-1 (Wire Leads)	500	50
	101	100
	251	250
	501	500
	751	750
	102	1K
	252	2.5K
	502	5K
	752	7.5K
	103	10K
	153	20K ± 5%
37 turn lead screw adjustment (33320°)		
TPC-P1 (Tinned Leads for Printed Circuits)	500	50
	101	100
	501	500
	102	1K
	502	5K
	103	10K
	203	20K
	303	30K



Contact your nearest TIC stocking point for details on quantity discounts available for all standard models.

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Laboratory Instruments of Exceptional Precision

IMPEDANCE MEASUREMENT

TYPE 310-B Z-ANGLE® METER — Measures in polar form the impedance, phase angle, dissipation factor, and storage coefficient of any RLC combination. One balancing control permits accurate analyses to be made more quickly and easily than with conventional ac bridges. Measures impedances from 0.5 to 100 k ohms. Frequency range: 30 cps to 40 kc. Accuracy of impedance magnitude is ±1% to 20 kc and ±2 degrees for phase angle. Unit has internal 400 cps and 60 cps signals.

TYPE 314-A LOW-IMPEDANCE Z-ANGLE® METER — Frequency of 30-1000 cps, impedance-magnitude range of 0.005-1000 ohms accurate to ±1%, and dissipation-factor range of 0 to infinity. Phase angles measured from −90° to 0° to +90° with accuracy of ±1° from 30°-90° and ±2° from 5°-30°.

TRANSMISSION AND DELAY MEASURING SETS

Measures the absolute amplitude and relative delay characteristics of 600 ohm transmission circuits in the frequency range from 200 cycles to 24 kc. The instrument consists of two basic units: the 451-A Transmitter and the 452-A Receiver. Overall precision and accuracy of ±50 microseconds and a drift rate not exceeding ±50 microseconds per 30 minutes.

NEW

TYPE 453-A TRANSMISSION AND DELAY MEASURING SET — Frequency range 500 cycles to 50 kc. Accuracy ±5 microseconds.

PACKAGED PRECISION DRIVE UNITS

TYPES PDW-1, DSD-2, DSD-3 — Complete units in themselves, requiring no additional parts or assembling. Type PWD-1 is worm gear, shaft positioner, accuracy 1 min. of arc. Type DSD-2 is dual speed drive, accuracy 6 mins. of arc. Type DSD-3 is dual speed drive, accuracy 12 mins. of arc. All meet Mil-E-4970(USAF), feature no backlash. Use with syncros, potentiometers, inductors, capacitors, tuning coils, etc.

RESEARCH AND DEVELOPMENT

Acton Laboratories, Inc., also has complete facilities and experienced engineering staff to provide specialized research in and development of electronic components and instruments.

ENVIRONMENTAL TESTING

Testing to military and commercial specifications in a fully equipped Environmental Testing Laboratory is another important service provided by Acton Laboratories, Inc.

PHASE MEASUREMENT, GENERATION

TYPE 320-AB PHASE METER — Measures phase difference between 2 signals (10 cps to 100 kc) of any wave shape and indicates phase angle on large meter with separate ranges of 360°, 180°, 90°, and 36°. Accuracy is ±(1% of full scale + 3 degrees). Requires no adjustments, corrections, or balancing operations. Amplitude range is .7 to 120 volts rms. Input impedance of 10 meg and 13 mmf. Modifications allow operation to 1 cps. Also available as 320-ABR (rack mount).

TYPE 328-A TRANSISTORIZED PHASE METER — Frequency range 10 cps to 50 kc. Direct reading from 0 to 360° in 6 ranges of 60° each on large 5" meter scale. Absolute accuracy of 1° from 10 cps to 10 kc. Amplitude range .25 to 170 volts peak except at low frequencies. Input Impedance: one megohm shunted by 20 mmf. for each channel. Internal output impedance is approx. 100,000 ohms. Recorder connector provided. Power: 105-125 volts, 60 cycle ac, 20 watts. Terminals provided for operating from an external 45 volt battery, 50 mil drain.

TYPE 709-A BROADBAND SECONDARY PHASE STANDARD — Accurately calibrates phase measuring instruments but can also measure phase when used in conjunction with oscilloscope. Develops 2 sinusoidal signals continuously variable from 0° to 360° with respect to each other when fed from oscillator. Range is 20 cps to 20 kc. Accuracy of ±1° from 20 cps to 10 kc; ±3° from 10 kc to 20 kc. High input impedance, low output impedance. Inherent distortion less than 1%. 0.5 to 5-volt output varies less than ±2% with phase shift. Also available as 709-AR (rack mount).

TYPE 7000-B AUDIO PRIMARY PHASE STANDARD — Designed for calibration of phase detectors and phase shifting devices but can also be used to measure phase shift. Consists of Type 703-A Oscilloscope, Type 704-B Secondary Phase Standard, and Type 707-B Lissajous Generator. Supplies 2 sinusoidal signals of same frequency whose phase relationship is continuously variable from 0° to 360° with ±0.05° accuracy. Any single frequency available from 30 cps to 20 kc. Output of 1 to 12 volts rms from impedance of approximately 200 ohms.

TYPE 706-A ULTRA-SONIC PRIMARY PHASE STANDARD — Calibrates high frequency phase meters, phase detectors, and phase-shifting devices. Generates 2 sine-wave signals having variable phase difference 0° to 360° at any specified single frequency 20 kc to 200 kc. Phase angle accuracy of ±0.1 degree set by observation of multiple frequency Lissajous pattern on built-in scope. Also available as 706-AR.

NEW

TYPE 714-A PRECISION PHASE STANDARD — A fixed frequency (400 cps) device that produces accurately-known phase angles at its output terminals. Can be used as a phase shifter or phase standard, does not require application of precise input frequency. Has excellent phase angle stability, and is extremely simple to operate. Phase angle selector offers choice of settings: 0°, 30°, 60°, 90°, 120°, 150°, and 180° with others on special order. Is accurate to ±0.1°. Also available as 714-AR (rack mount).

TYPE 335-A ULTRA-LOW FREQUENCY PHASE METER — Covers from .0001 cps to 1 cps. Direct reading from 0° to 360° in 6 ranges of 60° each on large 5" meter scale. Accuracy ±1°.

POTENTIOMETER TESTING EQUIPMENT

TYPE 394-A PONOGOMETER® Measures equivalent noise resistance (ENR) of single or multiturn precision potentiometers. Provides for establishing threshold level of ENR from 10-2000 ohms. ENR's above threshold level established produce both visual and audio indication. Frequency response flat to 50 kc. Accuracy is ±(3% of threshold value +3 ohms). Recovery time is 1.5 seconds maximum. Also available as 394-AR (rack mount). Ideal for incoming inspection of laboratory analysis.

TYPE 395-C PONOGOMETER® STANDARD — Calibrates 394-A.

TYPE 396-B PONOGOMETER® ATTENUATOR — Extends range of threshold resistance of 394-A to 100 k ohms. Available as 396-BR (rack mount).

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ALL SURPASS SPEC. MIL-E-5272C FOR VIBRATION, SHOCK AND ACCELERATION

MINIATURE ADJUSTABLE SEQUENCE TIMER

MODEL 4-23

Designed for rocket, missile and satellite use. • Micro adjustable cams • Easily and quickly set within 0.1% of the total period • Lightweight — 11 oz. • Reliable • Small and Compact — 1½" x 2½" x 3" • Accurate — Better than 0.3% — can be used with unregulated dc supply • Adjustable Time Span — 1 sec. to 45 min. • Multiple Switch Closures during and after flight • Low Current Drain — less than 70 milliamps

MINIATURE SOLID STATE REGULATED DC-DC CONVERTER MODEL 4-28

Designed to accept unregulated direct voltage 24 to 32 volts and provide regulated direct voltage 24-32 volts customer adjusted.

FEATURES: Compact — 3" x 3" x 1" — 9 cu. in. • Regulation — Better than .08% • Extremely Rugged • Reliable—Environmentally Tested • OPERATING TEMPERATURE up to +170°F • ALTITUDE — Operational under Vacuum Conditions • Lightweight — 9 oz. • Completely Encapsulated — Hermetically Sealed

ROTOFLEX COMMUTATOR MODEL 6-15

ENVIRONMENTALLY TESTED . . . Reliable No. of Contacts per Pole: MBB, 10-30 segments; BBM, 10-30 segments.

FEATURES: Patented TIC Hermetically Sealed ROTOFLEX Contacts • External Shaft for Synchronization (Drive or Driven) with Other Precision Instrumentation • Small, Rugged, Compact — 2¹³⁄₁₆" x 3¼" x 1" • Micro Adjustable Phasing between Poles • Low Noise, No Sliding Contacts, less than 14 Ohms Equivalent Noise Resistance • Variable Sweep Rate • Additional Pole Modules may be Ganged to Power Unit by Customer • Continuous Current Rating 50 ma • Exceedingly Low Contact Noise with no Contact Current due to Patented Rolling Contact — No Wiping Action • Open Circuit Resistance — Greater than 5 x 10^9 Ohms

MICRO-MINIATURE SOLID-STATE VOLTAGE REGULATOR MODEL 8-3

- Minute Size — 1¼" x 1¼" x 1⅛" — 2.1 cu. in.
- Regulation — Better than .4% at rated load
- Extremely Rugged
- Reliable — Environmentally Tested
- Output Voltage Adjustable by Customer
- Lightweight — 65 grams
- Completely Encapsulated
- Shunt Current — 10 Milliamperes

Designed to accept an unregulated direct voltage in the range of 24 to 32 volts and provide a regulated direct voltage of 16 to 18 volts

For load currents up to 100 ma, the output voltage will remain constant to within 300 millivolts of its original setting. As the input voltage varies from 24 to 32 volts the output voltage will vary not more than 100 millivolts. Nominal efficiency of the unit is 90% at rated load. Conservatively designed, the regulator will function at overloads of 100% with a slight decrease in regulation. • Designed for missile application, Voltage Regulators may be combined in an in-line stack for powering many circuits or systems. Provides regulated power for timing mechanisms, small, low-voltage d-c motors, and the usual transistor circuitry, this unit may easily be made an integral part of any power pack, with a minimum 6 volt differential.

MINIATURE WIDE-BAND AMPLIFIER MODEL 8-12A

- Compact — 1" x 1" x ¾"; .075 cu. in.
- Excellent Linearity — Low Distortion
- Ultra Stable
- Wide Band
- Continuously Adjustable Gain
- Reliable — Environmentally Tested
- OPERATING TEMPERATURE — 0° C to 90° C
- STORAGE TEMPERATURE — 55°C to + 100°C
- Lightweight — 3½ oz.

The TIC of Acton Type 8-12A Wide Band Amplifier linearly amplifies signals of low amplitude. Input voltages can be sinusoidal or complex, the harmonic content of which lies within the pass band of the amplifier. Completely silicon transistorized, the 8-12A Wide Band Amplifier offers good frequency response, ±0.25 db-200 cps to 200 kc high input impedance, exceptional gain stability — wide temperature range and adjustable gain. Designed to have an open loop gain in excess of 800, negative feedback is employed to reduce the overall voltage gain to a maximum of 25. Very low distortion assures linear amplification over its dynamic range. Built-in voltage regulation virtually eliminates performance deterioration due to power supply variation.

Rigidly constructed, the 8-12A Wide Band Amplifier has been thoroughly tested to assure operation under the most severe environmental conditions.

MINIATURE SOLID STATE DC CHOPPER-STABILIZED AMPLIFIER MODEL 8-20

- Self-contained Chopper Generator
- Chopping Frequency — 5 KC
- Has Internal Amplifier with Stabilized Gain of 15
- Amplifies Positive and Negative Voltages
- Provides Chopping Signal Output for Selective Demodulation
- Compact — 3" x 3" x 1" — 9 cu. in.
- Reliable
- Operating Temperature up to +170°F

Designed to operate with TIC 8-12 wide band amplifier to provide amplification of dc voltages. Positive dc voltages are converted to square-wave output voltages and amplified approximately 15 times. Negative dc voltages are also converted to square-wave voltages which are 180° out of phase with those created by positive voltages. Also provided are 2 square waves, out of phase with each other, which may be used for gating or selective demodulation.

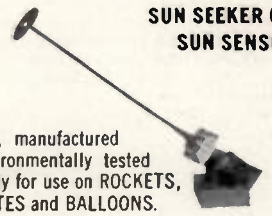
Silicon transistorized throughout to insure stability with temperature, the TIC Chopper-Stabilized Amplifier withstands the severest environmental conditions.

MINIATURE TIME DELAY INTEGRATING ACCELERATION SWITCH MODEL 8-14

Temperature Compensated −65° to +160°F • Fluid Damped • High accuracy • Automatically Reset • Switching with either instantaneous or sustained accelerations • Available for any time delay from milliseconds to seconds with range from 1 to 150 G's • Designed for arming, destruct and safety circuits, etc. • Small, compact, 1½" high x 1" dia. — Weight 50 grams.

The TIC Miniature Time Delay Integrating Acceleration Switch is a hydro-mechanical arrangement to provide time delay by displacing a viscous fluid through an annular orifice with a load applied. Switches are available for specific functional relationships between acceleration loading and time delay. A safety feature for critical circuits is that only sustained acceleration will actuate the micro-switch.

SUN SEEKER OR SUN SENSOR



Designed, manufactured and environmentally tested specifically for use on ROCKETS, SATELLITES and BALLOONS.

FEATURES: • A completely packaged unit with electronics, mechanics and optics ready for operation. • Available with accuracies from minutes to seconds of arc. • Small, lightweight and low power required. • Self-pointing with payloads ranging from 10 to 100 lbs. for use on vehicles with spin rates up to 2 rps.

The TIC Sun Seeker and Sun Sensor are highly sensitive devices for guidance, pointing experiments, tracking and sensing. Typical of their many uses are an association with telescopes, spectrographs, cameras and cosmic ray detectors.

Pointing controls and electronics are readily adapted for Ultra Violet and Infra Red sensing heads.

MICROMETEORITE DETECTION SYSTEMS

The system consists of four methods of detection which may be used in total or in part. 1. — A sensitive crystal microphone in contact with an exposed surface will transmit vibrations to report velocity and impact. 2. — The grid wire method (20 micron wire) measures continuity of resistance. 3. — The thin film method capping a pressure cell determines hole size through measurement of lost air. 4. — The photo flash method employs optics and photomultipliers to measure light given off by impact. All methods may signal ground installations through telemetry at time of impact or hold for later evaluation and analysis. — For full information write for details.

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CLUTCHES

ADJUSTABLE SLIP CLUTCHES, lightweight and compact, adjust over a wide torque range without removal from system. Anodized aluminum hubs, Delrin on stainless steel clutch plates and stainless steel hardware. Both the ⅞ x 1 in. Type ASC-1 and ⅝ x ⅝ in. miniature Type ASC-2 are friction units used to protect components against excessive or inertia shock loads. Range of bores to accept shafts from .120″ to .250″. Meet MIL-E-4970.

MAGNETIC DRY PARTICLE CLUTCHES feature fast response time better than 5 milliseconds, smooth operation free from chatter, continuous torque control. When Type MPC-15 Electronic Clutch is energized by direct current, the magnetized dry particles lock the input shaft to the output shaft; when deenergized, shaft is released. Max. continuous D.C. power input: 5.0 watts @ 80°F. Standard impedance: 150 ohms. Speed: 500 RPM maximum (non-slipping). Output inertia: 1.85 gr cm². Input inertia: 21.5 gr cm². Deenergized input to output shaft coupling: 2 oz. in. max. Weight: 8 oz. May be mounted in any position. Withstands temperatures −65° to +165°F; vibration, 10 g from 20 to 500 cps for ½ hour on each of three mutually perpendicular axes, and meets MIL-E-5272C. Can be manufactured to customer specification voltage requirements and shaft configurations other than standard.

COUPLINGS

Miniature precision flexible shaft couplings featuring no back lash, accommodation of lateral and angular misalignment, compactness and light weight. Two types available: Type MPC-1 consists of two flanged aluminum hubs and nylon or Delrin discs with V-grooves that are displaced 90° with each other. Discs are fastened with stainless steel springs loading ball pivots against V-grooves. Dimensions ⅞ x ⅞ in. Type MPC-2 has two cylindrical aluminum hubs, each with two ball pivots attached. Hubs are attached to a pair of flexible phosphor bronze discs which hold and load the ball pivots. Dimensions ¾ x ½ in. Both types have range of bores to accept shafts from .120″ to .250″ and meet MIL-E-4970 and withstand −80° to +200°F and shock to 100 G.

BRAKES

Magnetic dry particle brakes feature fast response time better than 5 milliseconds, continuous torque control. When Type MPB-15 Electomic Brake is energized by direct current the magnetized particles lock the shaft to the outer housing; when deenergized, shaft is free to turn. Max. continuous D.C. power input: 5.0 watts @ 80°F. Standard impedance: 300 ohms. Speed: 2500 RPM max. Total inertia: 2.0 gr cm². Deenergized Running Torque: 4 in-oz. max. Weight: 8 oz. May be mounted in any position. Withstands temperatures −65° to +165°F; vibration, 10 g from 20 to 500 cps for ½ hour on each of three mutually perpendicular axes, and meets MIL-E-5272C. Can be manufactured to customer specification voltage requirements and shaft configurations other than standard.

DRIVES

Packaged precision drives, with built-in gear train, are complete units in themselves, requiring no additional parts. These modular packages contain an extremely accurate electromechanical assembly which permits precise resettable and repeatable mechanical rotation or shaft position providing a known variation of an electrical signal. Designed for use with miniature flexible anti-backlash Coupling and Precision Potentiometer, Resolver, Autosyn or Goniometer, Synchros, Inductors, Capacitors, Tuning coils, etc. Type PDW-1 worm gear, shaft positioner, accuracy 1 min. of arc. Type DSD-2 dual speed drive, accuracy 6 min. of arc. Type DSD-3 dual speed drive, accuracy 12 mins. of arc. Type DSD-4 miniature dual speed drive, accuracy 6 min. of arc; panel or modular mount; modular construction permits ganging. All models meet MIL-E-4970.

MINIATURE DELAY LINES

Lumped constant delay lines are available in three standard configurations, TDL (tubular), RDL (rectangular), PCL (printed circuit), plus PDL series (per customer specifications). Feature a higher delay to rise time ratio per cubic inch than is available with conventional techniques. Lines are M derived, phase and frequency compensated with excellent pulse response characteristics and exceptionally low attenuation. Standard lead lengths of RDL and TDL units is 2″. PCL lead length is ¾″. All types hermetically sealed and comply with applicable MIL specs. PDL type provides Delay Time to 500 microseconds, Impedance 25 to 10,000 ohms, Delay to Rise ratios to 150-1.

CARBON FILM FIXED RESISTORS

Rugged, Sub-Miniature Gold Seal *Carbon Film Resistor* group includes three complete lines: standard, moulded, and hermetically sealed. With completely uniform carbon coating applied to special ceramic core material, these resistors offer unsurpassed reliability. Calibrated at 25°C to tolerance specified, they are available in plus or minus ½%, 1%, 2%, or 5% tolerances. When 2.5 times rated wattage but not more than 2 times max. rated wattage is applied for 5 seconds, there is an average change of .05% with max. permanent change of .1%. Subjected to temperature of −65°C for 24 hours and maintained at temperature of +25°C for 24 hours, average change is below .25%. Meet or surpass applicable MIL specs.

STANDARD DEPOSITED CARBON RESISTORS (40°C. AMBIENT TEMP. AT FULL LOAD)

			CONT.	RESISTANCE RANGE							
	MIL-R	RATING	VDC	½%		1%		2%		5%	
TYPE	10509-B	WATT	MAX.	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
S-2	RN-30	2	750	15 Ω	10 Meg.	15 Ω	50 Meg.	15 Ω	60 Meg.	15 Ω	100 Meg.
S-1	RN-25	1	500	10 Ω	5 Meg.	10 Ω	20 Meg	10 Ω	30 Meg.	10 Ω	60 Meg
SX-12		½	350	10 Ω	3.9 Meg	10 Ω	10 Meg.	10 Ω	15 Meg.	10 Ω	20 Meg
S-12	RN-20	½	350	5 Ω	2 Meg.	2 Ω	5 Meg	2 Ω	10 Meg.	2 Ω	10 Meg
SX-14		¼	300	5 Ω	1 Meg.	2 Ω	2.5 Meg	2 Ω	5 Meg.	2 Ω	10 Meg.
S-14	RN-10	¼	300	5 Ω	1 Meg	5 Ω	2.5 Meg.	5 Ω	5 Meg.	5 Ω	10 Meg.
S-14A		¼	300	5 Ω	1 Meg.	5 Ω	2.5 Meg.	5 Ω	5 Meg.	5 Ω	10 Meg
SX-18		⅛	250	2 Ω	500K	2 Ω	1 Meg.	2 Ω	2 Meg.	2 Ω	3 Meg.
S-18		⅛	250	2 Ω	500K	2 Ω	1 Meg.	2 Ω	2 Meg.	2 Ω	3 Meg.
S-110		1/10	150	20 Ω	250K	20 Ω	250K	20 Ω	500K	20 Ω	500K

MOLDED DEPOSITED CARBON RESISTORS (70°C AMBIENT TEMP AT FULL LOAD)

SM-2	RN-80	2	750	15 Ω	10 Meg.	15 Ω	50 Meg.	15 Ω	60 Meg.	15 Ω	100 Meg.
SM-1	RN-75	1	500	10 Ω	5 Meg.	10 Ω	20 Meg.	10 Ω	30 Meg.	10 Ω	60 Meg.
SM-12	RN-70	½	350	10 Ω	2 Meg.	10 Ω	5 Meg.	10 Ω	10 Meg.	10 Ω	10 Meg.
SM-14	RN-65	¼	300	10 Ω	1 Meg.	10 Ω	2.5 Meg.	10 Ω	5 Meg.	10 Ω	10 Meg.
SM-18	RN-60	⅛	250	10 Ω	500K	10 Ω	1 Meg	10 Ω	2 Meg.	10 Ω	2 Meg.

HERMETICALLY SEALED DEPOSITED CARBON RESISTORS (70°C AMB TEMP. AT FULL LOAD)

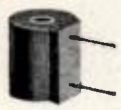
SH-2	RN-80	2	750			50 Ω	20 Meg	50 Ω	20 Meg.	50 Ω	20 Meg.
SH-1	RN-75	1	500			10 Ω	10 Meg.	10 Ω	10 Meg.	10 Ω	10 Meg.
SH-12	RN-70	½	350			10 Ω	5 Meg	10 Ω	5 Meg.	10 Ω	5 Meg.
SH-14	RN-65	¼	300			10 Ω	2.5 Meg.	10 Ω	2.5 Meg.	10 Ω	2.5 Meg.
SH-18	RN-60	⅛	250			10 Ω	1 Meg.	10 Ω	1 Meg.	10 Ω	1 Meg.

Distributed nationally by Avnet Corporation. See page opposite for stocking sales offices.

WIRE WOUND FIXED RESISTORS

Precision Wire Wound Resistors are available in two series.

SERIES M micro-miniature and sub-miniature resistors are non-inductive, vacuum impregnated, absolutely tension-free wound to assure maximum stability, and all connections are microscopically welded. Temperature coefficient is .002% per °C over the range of −65°C to +150°C. Use of a new high-heat epoxy encapsulating material assures high temperature thermo stability. Resistance tolerances are: 1%; .5%; .25%; .1%. Special tolerances may be obtained. Lead size can be varied. Complete environmental tests available. Diameter x length dimensions from .080″ x .210″ to .210″ x .465″; max. wattage from .04 to .25; max. voltage from 50 to 300; max. resistance from 100 K to 2 Meg.; and min. resistance from 1 K to .1 ohm.



SERIES 600 are vacuum impregnated, encapsulated and surpass MIL-spec requirements. All Lug types and Radial types have axial mounting hole for #6 screw. Lead wire size #20, other sizes available. Diameter x length dimensions from .250″ x .500″ to 1.000″ x 2.125″; com. wattage from .25 to 2.5; and max. ohms from 2 meg. to 25 meg. Special application resistors per customer specifications.

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OHIO SEMICONDUCTORS

Hall Effect and Thermoelectric

MINIATURIZED SUB-SYSTEMS

Halltron MC Series

MAGNETIC CIRCUITS

These circuits combine the Halltron (Hall Effect device) with an effective magnetic circuit resulting in a useful electronic multiplier. (MC-1 series for normal circuits. MC-11 and MC-21 series for premium applications.)

Halltron

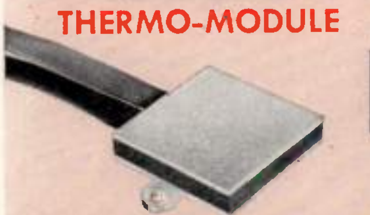
Model PC-500

POWER COMPUTER

A ruggedized device that provides an instantaneous D.C. output proportional to power. The output is sufficient to drive many standard recording instruments.

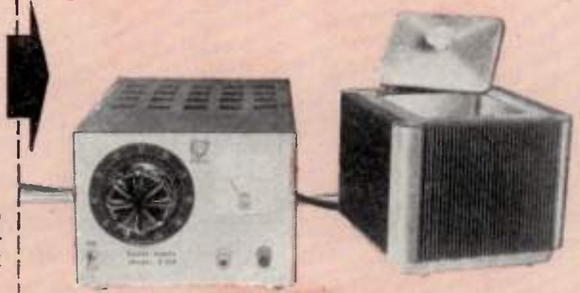
Model TA-20M

THERMO-MODULE



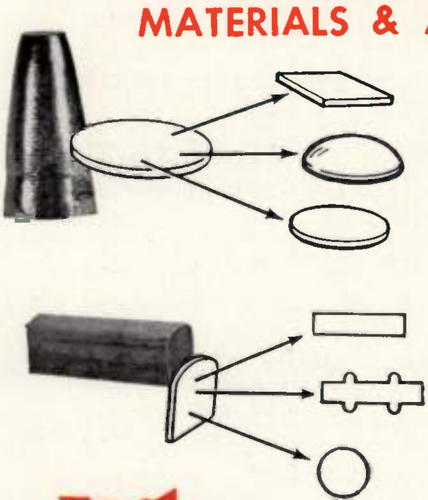
Made with electrically insulated top and bottom plates; ready for mounting in special cooling and heat pumping applications.

COMPLETE THERMOELECTRIC SYSTEMS



Shown is a typical application of Ohio Semiconductors' Thermoelectric capability. Components, modules, power supplies, and complete cooler systems are developed to meet customers' requirements.

COMPOUND SEMICONDUCTORS
MATERIALS & ALLOYS



Special configurations, IR windows and lenses, crystals and ingots:

- Indium Antimonide (Poly-and single-crystal)
- Indium Arsenide
- Bismuth Telluride
- Gallium Arsenide
- Lead Telluride

Hall Effect & Thermoelectric MINIATURIZED COMPONENTS

MODEL TA-12 "Thermo-Cell" THERMOELECTRIC JUNCTION—used for spot cooling and reversible heat pumping.

HALLTRONS for application in customers' magnetic fields (Models HS-51 and HR-31).

Model HP-310 HALLTRON

A miniature Hall Effect device used as a probe to meet small space needs.

Model MS-41

MAGNETORESISTOR—Exhibits large electrical resistance changes as a function of applied magnetic field density.

DIVISION OF TECUMSEH PRODUCTS CO.

OHIO SEMICONDUCTORS

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Pioneer in the design, development and production of compound semiconductors, and components and sub-systems, for electronic, thermoelectric and infrared applications.

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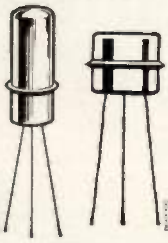

COVERS THE ENTIRE USEFUL

MICRO ALLOY DIFFUSED-BASE TRANSISTORS (MADT*)

TYPE	GAIN h_{FE}	FREQUENCY f_{max} in mc	APPLICATIONS
2N499	10 db @ 100 mc	320	VHF amplifier; MIL specifications
2N501	70	Switching rates 20 mc	Ultra-fast switch; typical t_r 11 mμsec, t_s 8 mμsec, t_f 8 mμsec
2N501A	95	Switching rates 20 mc	Ultra-fast switch; typical t_r 10 mμsec, t_s 7 mμsec, t_f 7 mμsec; MIL specifications
2N502	12 db @ 200 mc	800	VHF amplifier and oscillator
2N502A	12 db @ 200 mc	800	Rated at 100°C; MIL specifications
2N503	12.5 db @ 100 mc	350	VHF amplifier
2N588	14 db @ 50 mc	250	General purpose RF-IF amplifier
2N768	40	f_T 175	High-frequency micro-energy switch
2N769	55	f_T 900	Ultra-fast switch for low-level, high-frequency logic circuits
2N779A	90	Switching rates 20 mc	Very high-speed switch
2N846A	50	Switching rates 20 mc	Very high-frequency switch
2N1158	30 mw PO	at 200 mc	VHF power oscillator
2N1158A	35 mw PO	at 200 mc	VHF power oscillator; MIL specifications
2N1204	30	Switching rates 25 mc	High current switch & core driver
2N1494	30	Switching rates 25 mc	High current, high power switch & core driver
2N1495	30	Switching rates 25 mc	Higher voltage version of 2N1204
2N1499A	70	Switching rates 10 mc	High-speed, saturated switch; MIL specifications
2N1500	70	Switching rates 20 mc	Ultra-fast switch; typical t_r 13 mμsec, t_s 7 mμsec, t_f 7 mμsec; MIL specifications
2N1726	60	150	6-12 volt radio RF amplifier
2N1727	60	150	6-12 volt radio converter
2N1728	60	150	6-12 volt radio IF amplifier
2N1742	33	1300	UHF and VHF amplifier
2N1743	33	1300	UHF and VHF mixer
2N1744	33	2.5 mw PO at 257 mc	VHF oscillator
2N1745	33	800	45 mc IF amplifier
2N1746	60	235	4.5 mc unneutralized IF amplifier
2N1747	60	250	6-12 volt radio FM IF amplifier
2N1748	h_{fe} 45	f_T 115	Video driver
2N1748A	h_{fe} 70	f_T 132	Video driver; higher beta 2N1748
2N1749	h_{fe} 45	f_T 115	Video output; higher voltage 2N1748
2N1752	h_{fe} 250	106	High beta TV sync separator
2N1754	75	Switching rates 10 mc	High-speed saturated switch
2N1785	60	125	3 to 6 volt radio RF amplifier
2N1786	60	125	3 to 6 volt radio converter
2N1787	60	125	3 to 6 volt radio IF amplifier
2N1788	60	150	12 volt auto radio RF amplifier
2N1789	60	150	12 volt auto radio converter
2N1790	60	150	12 volt auto radio IF amplifier
2N1864	50	125	Reflex amplifier in broadcast receivers
2N1865	60	250	6-9 volt radio AM/FM IF amplifier
2N1866	60	250	12 volt auto radio AM/FM IF amplifier
2N1867	60	250	12 volt auto radio FM IF amplifier
2N1868	33	800	45 mc TV IF amplifier; 19 db PG @ V_{CE} = —4.5v

MICRO ALLOY TRANSISTORS (MAT*)

TYPE	GAIN h_{FE}	FREQUENCY f_T in mc	APPLICATIONS
2N393	50	50	High-speed, high-gain switch; MIL specifications
2N1122	50	60	High-voltage, high-speed switch
2N1122A	50	60	Higher voltage version of 2N1122
2N1411	50	50	High-frequency switch; MIL specifications
2N1427	75	75	General purpose, high-speed switch

SILICON SURFACE ALLOY TRANSISTORS (SAT*)

TYPE	GAIN h_{fe}	FREQUENCY f_{max} in mc	APPLICATIONS
2N495	35	18	General purpose; MIL specifications
2N496	h_{FE} 25	f_T 20	High-speed switching; MIL specifications
2N1118	35	18	General purpose; MIL specifications
2N1118A	25	18	General purpose amplifier, high beta (15-35)
2N1119	h_{FE} 25	f_T 20	High-speed switching; MIL specifications
2N1428	45	23	General purpose, low-cost, high-frequency, silicon amplifier and switch; TO-1 case
2N1429	45	23	General purpose, low-cost, high-frequency, silicon amplifier and switch; TO-5 case
2N1676	50	42	Chopper at rates in excess of 50kc
2N1677	50	32	Chopper at rates in excess of 40kc

SILICON SURFACE ALLOY DIFFUSED-BASE TRANSISTORS (SADT*)

TYPE	GAIN h_{fe}	FREQUENCY	APPLICATIONS
2N770	h_{FE} 25	Switching rates 5 mc	NPN high-speed switch with controlled switching characteristics
2N771	h_{FE} 50	Switching rates 5 mc	NPN high-speed switch with controlled switching characteristics
2N772	h_{FE} 35	Switching rates 5 mc	NPN high-speed switch with controlled switching characteristics
2N773	11	25 db at 4.3 mc	NPN narrow and wide band 4.3 mc video amplifiers
2N774	20	25 db at 4.3 mc	
2N775	50	25 db at 4.3 mc	
2N776	11	25 db at 12.5 mc	NPN narrow and wide band 12.5 mc video amplifiers
2N777	20	25 db at 12.5 mc	
2N778	50	25 db at 12.5 mc	
2N1199	h_{FE} 25	f_T 125 mc	NPN high-speed silicon switch; max t_r 70 mμsec, t_s 20 mμsec, 40 mμsec
2N1199A	h_{FE} 25	f_T 125 mc	NPN high-speed silicon switch; max t_r 55 mμsec, t_s 20 mμsec, t_f 35 mμsec; MIL specifications
2N1267	11	25 db at 4.3 mc	NPN silicon amplifiers and oscillators
2N1268	20	25 db at 4.3 mc	
2N1269	50	25 db at 4.3 mc	
2N1270	11	25 db at 12.5 mc	NPN silicon amplifiers and oscillators
2N1271	20	25 db at 12.5 mc	
2N1272	50	25 db at 12.5 mc	
2N1472	h_{FE} 35	Switching rates 5 mc	NPN high frequency switch
2N1663	h_{FE} 50	Switching rates 5 mc	NPN high frequency switch

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FREQUENCY SPECTRUM

SILICON PRECISION ALLOY TRANSISTORS (SPAT**)

TYPE	GAIN hFE	FREQUENCY fT in mc	APPLICATIONS
2N858	20	14	Medium-speed transistor for control and switching circuits
2N859	35	14	Medium-speed transistor for control and switching circuits and high gain amplifiers
2N860	20	14	Medium-speed transistor for control and switching circuits
2N861	35	22	Medium-speed transistor for control and switching circuits and high-gain amplifiers
2N862	20	14	Medium-speed transistor for control and switching circuits
2N863	35	22	Medium-speed transistor for control and switching circuits and high-gain amplifiers
2N864	35	22	Medium-speed transistor for control, switching and chopper circuits
2N865	75	52	High gain DC and audio amplifiers and control circuits

SURFACE BARRIER TRANSISTORS (SBT**)

TYPE	GAIN hfe	FREQUENCY fmax in mc	APPLICATIONS
2N128	40	60	General communications; MIL specifications
2N232	22	50	IF amplifier for AM radios
2N240	30	Switching rates 20 mc	High-speed switch; controlled hole storage and saturation characteristics; MIL specifications
2N344	22	50	General purpose; narrow beta spread (11-33)
2N345	35	50	General purpose; similar to 2N344 with higher beta
2N346	35	75	General purpose; like 2N344 and 2N345 but higher frequency
2N1750	hFE 40 max	50	Horizontal oscillator in television receivers

MINIATURE TRANSISTORS

TYPE	GAIN hfe	FREQUENCY fhfb in mc	APPLICATIONS
2N207	100	2	Low level amplifier; particularly suited for hearing aid use; N.F.† 15 db max
2N207A	100	2	Low level amplifier; particularly suited for hearing aid use; N.F.† 10 db max
2N207B	100	2	Hearing aid input stage; other extremely low noise applications; N.F.† 5 db max
2N534	100	1	High voltage amplifier switch
2N535	100	2	Low-level amplifier and switch; N.F.† 10 db max
2N535A	100	2	Low-level amplifier and switch; N.F.† 5 db max
2N535B	100	2	Low-level amplifier and switch; N.F.† 0 db max
2N536	hFE 150	2	Low-level switch at pulse rates up to 150kc

MEDIUM FREQUENCY TRANSISTORS

TYPE	GAIN hFE	FREQUENCY fhfb in mc	APPLICATIONS
2N597	70	8	Medium power general purpose amplifier and switch
2N598	125	fT 8	400kc logic switching
2N599	175	fT 16	Logic switching rates up to 1 mc; core driver MIL specifications
2N600	125	fT 8	500kc switching; 1 watt peak power dissipation for 0.1 sec; stud mount
2N601	175	fT 16	High-power core driver; typical rise time 0.1 μsec; stud mount
2N1123	70	5	High-voltage power amplifier and switch; stud mount
2N1478	70	8	300kc switching applications

PULSE AMPLIFIER TRANSISTORS

TYPE	GAIN hFE	FREQUENCY fhfb in kc	APPLICATIONS
2N670	160	700	High peak current pulse amplifier; relay driver
2N671	160	700	High power version of 2N670; stud mount
2N672	Min 20 (SAT)	0.5 μsec max t_r	High-current switching core driver; controlled rise, fall and store times
2N673	Min 20 (SAT)	0.5 μsec max t_r	High power version of 2N672; stud mount
2N674	160	1100	75 volt version of 2N670
2N675	160	min 400	75 volt version of 2N671

MEDIUM POWER TRANSISTORS

TYPE	GAIN hFE	FREQUENCY fhfb in kc	APPLICATIONS
2N223	hfe 110	600	Audio driver; exceptional beta linearity
2N1416	hfe 110	600	Matched pair of 2N223's
2N224	90	510	Audio output; exceptional beta linearity
2N225	90	510	Matched pair of 2N224's
2N226	60	400	Audio output and switch; exceptional beta linearity
2N227	60	400	Matched pair of 2N226's
2N1124	hfe 125	1300	High-voltage, general-purpose industrial amplifier and switch
2N1125	95	2000	High-voltage, medium-frequency amplifier and switch
2N1128	hfe 120	1250	Exceptionally linear beta; audio driver and output
2N1129	165	750	General-purpose, high beta, audio and switch
2N1130	110	950	General-purpose audio and switch; exceptional beta linearity

POWER TRANSISTORS

TYPE	GAIN	FREQUENCY fhfe in kc	APPLICATIONS
2N386	33 db at 5w PO	14	High-voltage, high-power amplifiers, servo amplifiers, converters and switches
2N387	33 db at 5w PO	12	High-voltage, high-power amplifiers, servo amplifiers, converters and switches

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†Noise Figure at 1 μv reference level across 1,000 ohms

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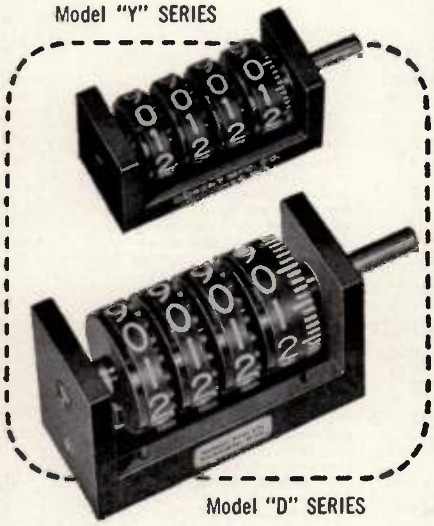

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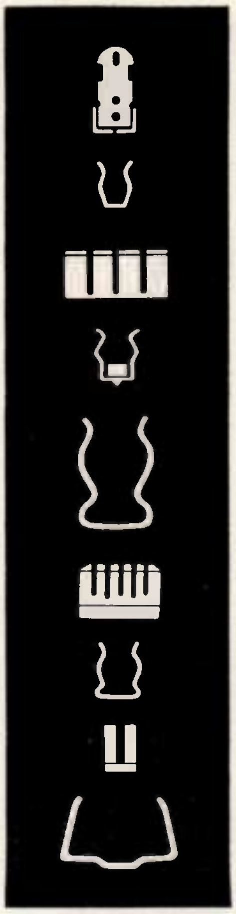

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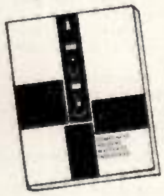

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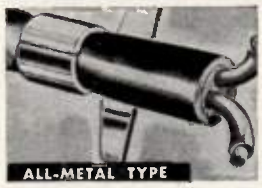

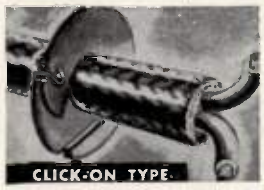

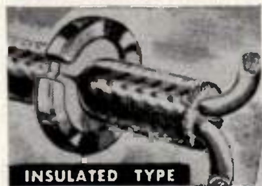

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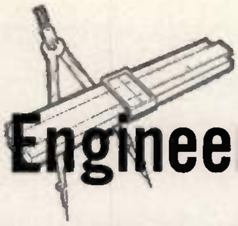


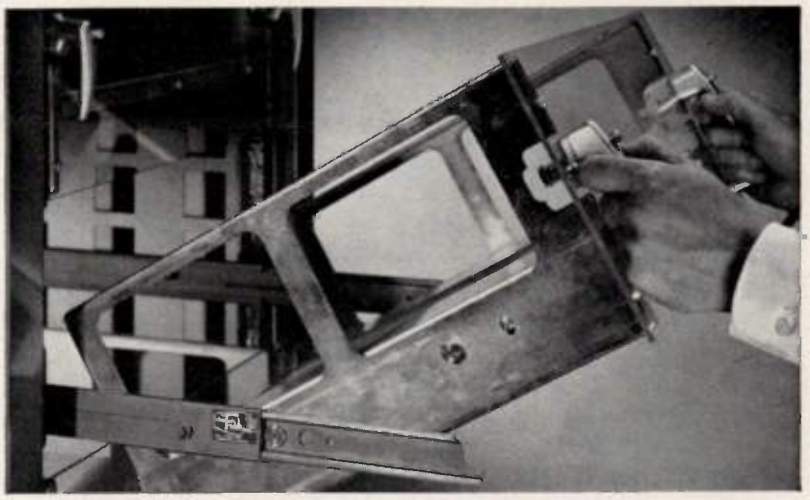
Engineering facts and figures

Construction—Chassis-Trak Slides are made of hard, cold-rolled steel for maximum strength and wearing qualities and are cadmium-plated for extra corrosion resistance. (Special stainless steel slide—Model C-357—also available.) Smooth operation is achieved by means of Poly-Chem's MS-75 dry film lubricant which becomes increasingly slick with use. This permanent formulation is dust-repellent and withstands pressure loading of more than 50,000 psi at 25 ft./min. Finish has passed JAN 100-hour salt spray test and is approved for military use.

Installation—"Pencil thin" Chassis-Trak design permits installation of standard 17″ chassis in standard 19″ panel racks without modification. Standard slides bolt to front rail and rear of cabinet. On most models, a prefabricated gusset assembly can be furnished for use where load does not exceed 100 lbs. Gusset automatically aligns slides and permits mounting at front rail only. Templates, rear mounting brackets and all hardware furnished together with complete assembly instructions.

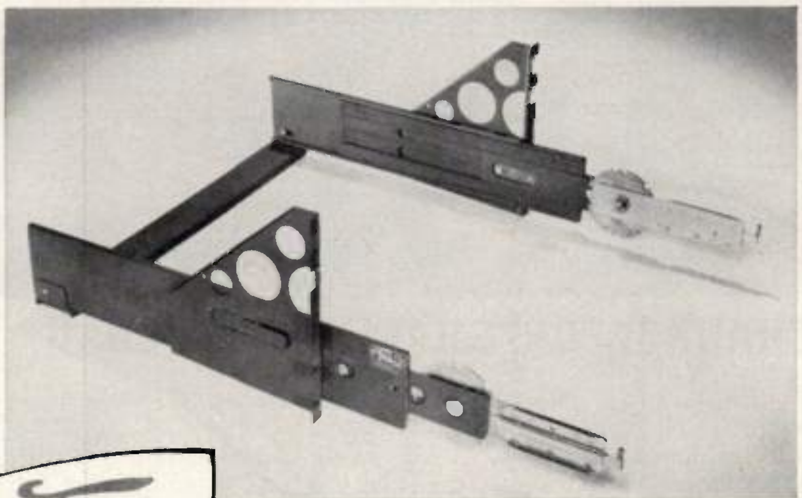
Operation—Chassis-Traks are available in non-tilt, tilt, and tilt-detent models. Slides with "B" in the model designation tilt upward only; "D" models tilt and lock in seven different service positions. Choice of solid bearing or roller bearing operation. Roller bearings are recommended for equipment requiring frequent service. Chassis of any length can be fully extended without disconnecting rear cables. Pushbutton spring mechanism releases chassis for convenient slip-out, slip-in servicing.

ROLLER BEARING SLIDES	MODEL	SLIDE LENGTH 10	12	14	16	18	20	22	24	LBS. MAX. LOAD
Basic	CTRB	X	X	X	X	X	X	X	X	175
Detent	CTRD		X	X	X	X	X	X	X	175
Cradle Track	CTEZ			X	X	X	X	X	X	125
Heavy Duty Basic	CTHRB			X	X	X	X	X	X	275
Heavy Duty Detent	CTHRD			X	X	X	X	X	X	275
Lightweight	C-357		X	X	X	X	X	X	X	150
SOLID BEARING SLIDES	**MODEL**	**SLIDE LENGTH 10**	**12**	**14**	**16**	**18**	**20**	**22**	**24**	**LBS. MAX. LOAD**
Basic	CTB	X	X	X	X	X	X	X	X	175
Detent	CTD		X	X	X	X	X	X	X	175
Light Weight	CTL			X	X	X	X	X	X	100
Heavy Duty Basic	CTHB			X	X	X	X	X	X	250
Heavy Duty Detent	CTHD			X	X	X	X	X	X	250
1¾ Inch	C-300	X	X	X	X	X	X	X	X	50



Above: Most recent Chassis-Trak development is the Model C-300, an economical, space-saving slide for loads up to 50 lbs.

Below: Chassis-Trak "detent" slides shown with optional gusset mounting assembly.



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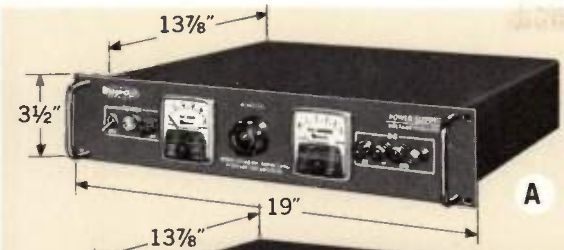
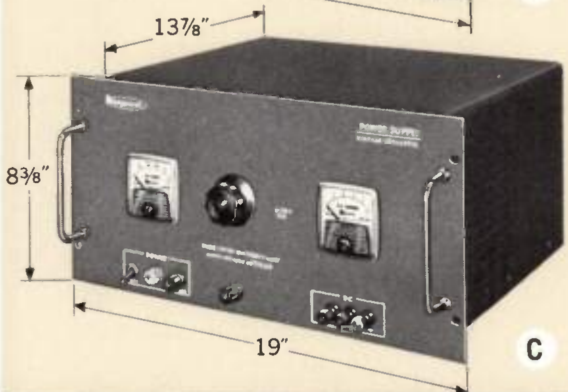


A

B



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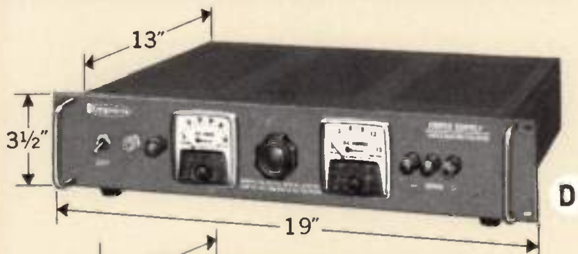
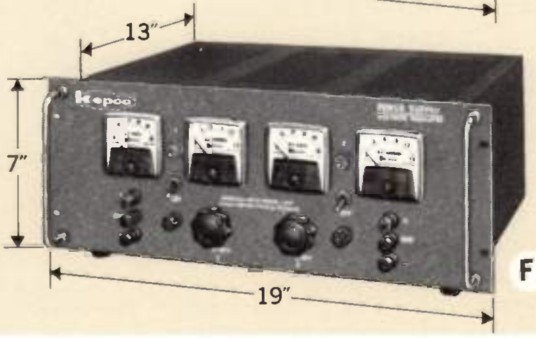


D

E



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TRANSISTORIZED DESIGN GROUPS

PHOTO	MODEL	DC OUTPUT RANGE VOLTS	DC OUTPUT RANGE AMPS
J	PSC 5-2	0–7.5	0-2
J	PSC 10-2	7.5–12.5	0-2
K	SR 12-50	5–13	0-50
A	SM 14-7M	0–14	0-7
B	SM 14-15M	0–14	0-15
C	SM 14-30M	0–14	0-30
J	PSC 15-2	12.5–17.5	0-2
G	SC 18-0.5M	0–18	0-0.5
G	SC 18-1M	0–18	0-1
G	SC 18-2M	0–18	0-2
H	SC 18-4M	0–18	0-4
J	PSC 20-2	17.5–22.5	0-2
K	SR 28-50	24–32	0-50
D	SC 32-0.5	0–32	0-0.5
D	SC 32-1	0–32	0-1
D	SC 32-1.5	0–32	0-1.5
F	2SC 32-1.5 Dual Output	0–32 0–32	0-1.5 0-1.5
D	SC 32-2.5	0–32	0-2.5
E	SC 32-5	0–32	0-5
E1	SC 32-10A	0–32	0-10
E1	SC 32-15A	0–32	0-15
J	PSC 28-1	22.5–32.5	0-1
G	SC 36-0.5M	0–36	0-0.5
G	SC 36-1M	0–36	0-1
H	SC 36-2M	0–36	0-2

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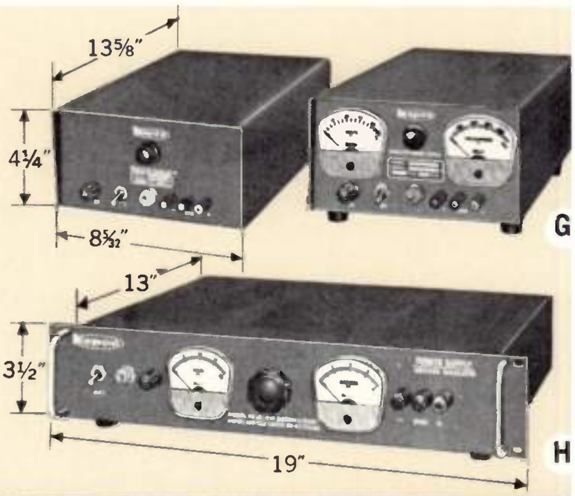
	VOLTS	AMPS	
SM 36-5M	0-36	0-5	A
SM 36-10M	0-36	0-10	B
SM 36-15M	0-36	0-15	C
PSC 38-1	32.5-42.5	0-1	J
SR 48-30	44-52	0-30	K
SC 60-2	0-60	0-2	E
SC 60-5	0-60	0-5	E_1
SC 3672-0.5M	36-72	0-0.5	G
SC 3672-1M	36-72	0-1	H
SM 75-2M	0-75	0-2	A
SM 75-5M	0-75	0-5	B
SM 75-8M	0-75	0-8	C
2SC 100-0.2 Dual Output	0-100 0-100	0-0.2 0-0.2	F_1
SC 150-1	0-150	0-1	E
SM 160-1M	0-160	0-1	A
SM 160-2M	0-160	0-2	B
SM 160-4M	0-160	0-4	C
SC 300-1	0-300	0-1	E_1
HB 2M	0-325	0-0.2	L
HB 4M	0-325	0-0.4	L
SM 325-0.5M	0-325	0-0.5	A
HB 6M	0-325	0-0.6	L
HB 8M	0-325	0-0.8	L
SM 325-1M	0-325	0-1	B
SM 325-2M	0-325	0-2	C

SC 0.1% GROUP

REGULATION: 0.1%
LINE and LOAD
RIPPLE: < 1 mv rms.

- SHORT CIRCUIT PROTECTION.
- ADJUSTABLE CURRENT LIMIT CONTROL.
- OVERTEMP. PROTECTION.
- REMOTE ERROR SENSING.
- REMOTE VOLTAGE CONTROL.
- CONSTANT CURRENT OPERATION.
- NO VOLTAGE OVERSHOOT.



G

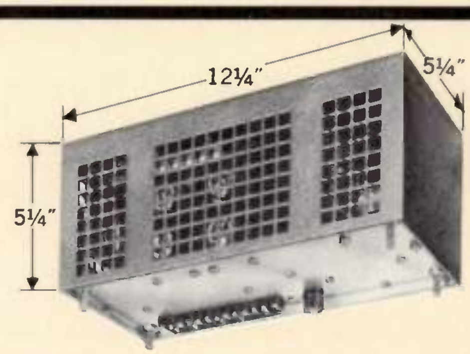
H

PSC GROUP

(Modular for Chassis mounting)

REGULATION: 0.02%
LINE and LOAD
RIPPLE: < 1 mv rms.

- SHORT CIRCUIT PROTECTION.
- REMOTE ERROR SENSING.
- REMOTE VOLTAGE CONTROL.
- CONSTANT CURRENT OPERATION.
- NO VOLTAGE OVERSHOOT.
- OVERTEMPERATURE PROTECTION.
- ADJUSTABLE CURRENT LIMIT CONTROL.

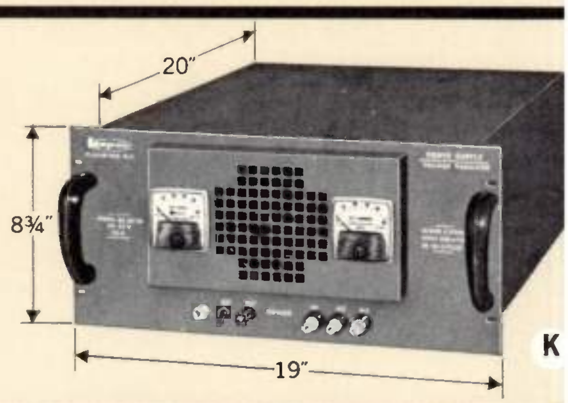


J

SR GROUP

REGULATION: 0.1% for LINE;
1% for LOAD
RIPPLE: < 1% rms.

- SHORT-CIRCUIT PROTECTION.
- REMOTE ERROR SENSING.
- REMOTE VOLTAGE CONTROL.
- NO VOLTAGE OVERSHOOT.
- OVERTEMPERATURE PROTECTION.

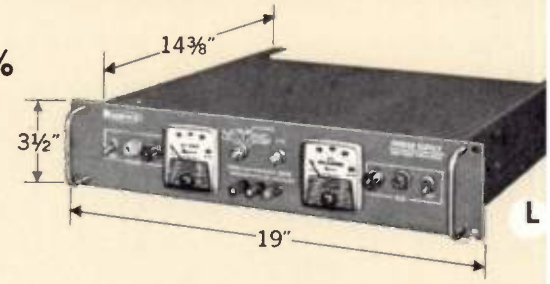


K

HB GROUP

REGULATION: 0.1% or 0.01%
LINE and LOAD
RIPPLE: < 1 mv rms.

- REMOTE VOLTAGE CONTROL. AND DC ON-OFF.
- CONSTANT CURRENT OPERATION.
- NO VOLTAGE OVERSHOOT.
- TWO 6.5 V AC OUTPUTS AT 6 AMPS EACH.
- TRANSISTORIZED REFERENCE AMPLIFIER; VACUUM TUBE SERIES REGULATOR.



L

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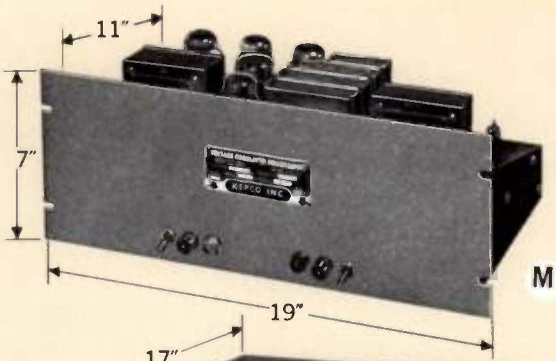
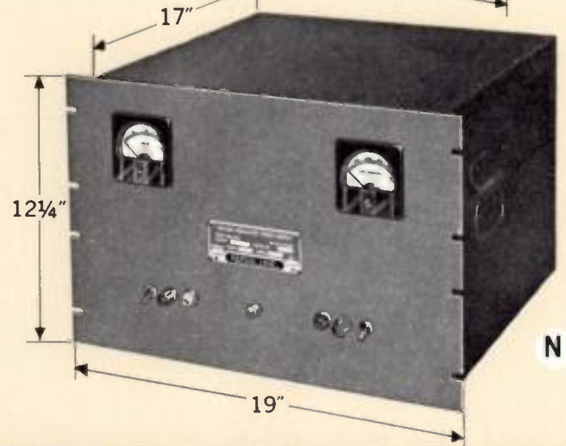
REGULATED DC POWER SUPPLIES

for every application



M



N

KR GROUP

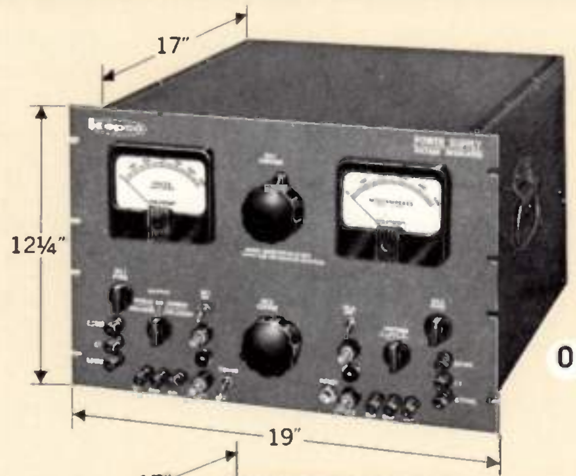
REGULATION: 0.1% LINE and LOAD

RIPPLE: < 3 mv rms.

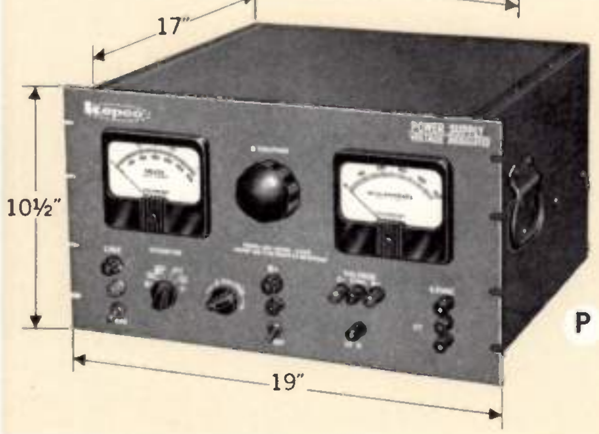
- CONTINUOUSLY VARIABLE OUTPUT CONTROL.
- RACK MOUNTING —WIDTH 19″.

(M)₁ 7″ H x 19″ W x 7½″ D.

(N)₁ 10½″ H x 19″ W x 13″ D.



O



P

WIDE RANGE GROUP

REGULATION: <0.1%

- CONTINUOUSLY VARIABLE OUTPUT CONTROL.
- RACK MOUNTING —WIDTH 19″.

(O)₁ 21″ H x 19″ W x 13″ D *

(O)₂ 26¼″ H x 19″ W x 13″ D *

(P)₁ 7″ H x 19″ W x 11″ D

(P)₂ 10½″ H x 19″ W x 13″ D

* (Supplied in cabinets)

VACUUM TUBE DESIGN GROUPS

PHOTO	MODEL	DC OUTPUT RAN	
		VOLTS	AM
M	KR 11	0–150	0-0.1
M	KR 12	0–150	0-0.
N_1	KR 8M	0–150	0-0.
N	KR 16M	0–150	0-1.
M_1	KR 1M	100–200	0-0.1
M	KR 3	100–200	0-0.
N_1	KR 5M	100–200	0-0.
N	KR 17M	100–200	0-1.
	103 Unregulated (mult. outputs)	0–300 0–300	0-0.0 0-0.0
M_1	KR 2M	195–325	0-0.1
M	KR 4	195–325	0-0.
N_1	KR 6M	195–325	0-0.
N	KR 18M	195–325	0-1.
P_1	400B	0–400 0-150 bias	0-0.1 0-0.0
P	multiple output 2400B	0–400 0–400 0-150 bias	0-0.1 0-0.1 0-0.0
M_1	KR 9M	295–450	0-0.1
M	KR 10	295–450	0-0.
N_1	KR 7M	295–450	0-0.
N	KR 19M	295–450	0-1.
O	multiple output 430D	0–450 0–450	0-0. 0-0.
P	605	0–600 0-150 bias	0-0.5 0-0.0
P_2	615B	0–600 0-150 bias	0-0.3 0-0.0
O	multiple output 800B	0–600 0–600	0-0.2 0-0.2
O_2	1250B	0–1000	0-0.5
P_2	1220C	0–1200	0-0.0
O_1	1520B	0–1500	0-0.2
O	2500	0–2500	0-0.0

TURN PAGE FOR ADDITIONAL LISTINGS

REGULATED DC POWER SUPPLIES

for every application

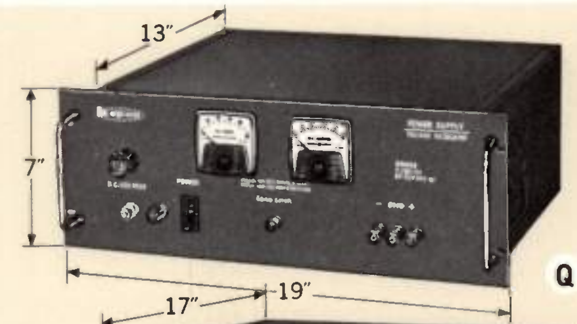
kepco

MODEL	DC OUTPUT RANGE VOLTS	AMPS	PHOTO
MAGNETIC DESIGN GROUPS			
KM 236-15A	0.1–36	0-15	R
KM 236-30	0.1–36	0-30	R1
KM 236-50	0.1–36	0-50	R2
KM 251	2–14	0-30 max. 240w max.	Q
KM 252	5–35	0-12 max. 240w max.	Q
KM 253	20–60	0-6 max. 240w max.	Q
KM 254	30–90	0-4 max. 240w max.	Q
KM 255	60–180	0-2 max. 240w max.	Q
SOLID STATE DESIGN GROUP			
PR 15-10M	0–15	0-10	S
PR 15-30M	0–15	0-30	T
PR 38-5M	0–38	0-5	S
PR 38-15M	0–38	0-15	T
PR 80-2.5M	0–80	0-2.5	S
PR 80-8M	0–80	0-8	T
PR 155-1M	0–155	0-1	S
PR 155-4M	0–155	0-4	T
PR 310-0.6M	0–310	0-0.6	S
PR 310-2M	0–310	0-2	T

KM 250 GROUP

REGULATION: < ± 1% LINE and LOAD

- REMOTE ERROR SENSING.
- OVERLOAD PROTECTION.



Q

KM 236 GROUP

REGULATION: 0.5% LINE and LOAD

RIPPLE: < 0.5%

- SHORT CIRCUIT PROTECTION.
- REMOTE ERROR SENSING.

(R)1 26¼" H x 19" W x 17" D
(R)2 36¾" H x 19" W x 17" D
(Supplied in cabinets)

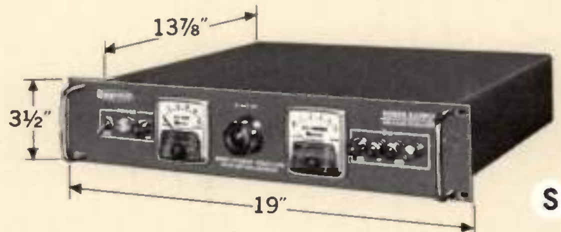
R

PR GROUP

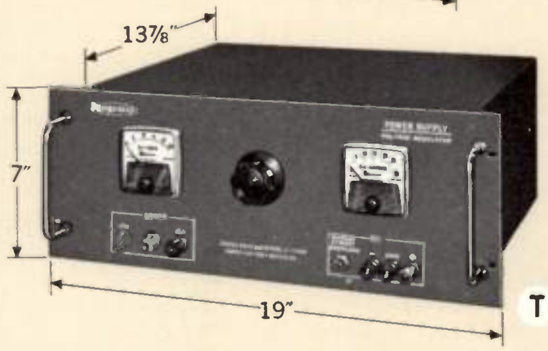
REGULATION:

± 1% for LINE
2% for ½ LOAD to FULL LOAD

- OVERLOAD PROTECTION.
- OUTPUT VOLTAGE ADJUSTABLE 0 TO MAX. RATING.
- NO VOLTAGE OVERSHOOT.



S



T

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All Syntron semiconductors have been tested and inspected to AQL level of 1.0, Inspection Level II, and are so certified. Electrical and mechanical tests include:

- Inspection to the appropriate JEDEC outline drawing.
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- Forward drop at rated current and a diode or cell temperature of 25°C.
- Testing of all rectifier assemblies at rated load conditions.

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SILICON CONDENSED ELECTRICAL SPECIFICATIONS

CATALOG SERIES NO. (See Note 2)	FORWARD CONDUCTION CHARACTERISTICS				REVERSE CONDUCTION CHARACTERISTICS		
	SINGLE PHASE CURRENT RANGE (Amperes)	GRADING CURRENT (Amperes) (See Note 3)	JUNCTION DIAMETER (Inches)	MAX. SURGE CURRENT ONE CYCLE OF 60 CPS SINE WAVE (Amperes)	PEAK INVERSE VOLTAGE RANGE@ CASE TEMP. OF −65° C TO 150° C	MAX. AVG. CURRENT (MA) @ RATED PRV and 150°C CASE TEMP. (See Note 1)	JEDEC DRWG#
11	0-3.2	1.0	0.050	20	100 to 1000†	0.5	DO-1
23	0-3.2	1.0	0.050	20	100 to 1000†	0.5	
*20	5-35	15	0.125	210	50 to 800‡	1.0	DO-4
*21	8-44	25	0.125	210	50 to 800‡	1.0	DO-4
*31	10-61	25	0.125	210	50 to 800‡	2.0	
*32	13-80	50	0.250	550	50 to 800‡	2.0	DO-5
*33	18-100	100	0.250	550	50 to 800‡	2.0	
*40	30-166	100	0.375	1200	50 to 600‡	5.0	DO-8
*41	35-208	200	0.375	1200	50 to 600‡	5.0	DO-8
*50	40-218	200	0.625	3000	50 to 600‡	5.0	
*51	50-272	300	0.625	3000	50 to 600‡	5.0	

1. Averaged over one cycle with a rectifier operating at full rated current and voltage into a resistive load.

*2. *Indicates units are available with either standard or reverse polarity. All other units are available with standard polarity only.*
†In 100-volt steps. ‡In 50-volt steps.

3. Grading Current is at Peak Forward Voltage of 1.5 and case temperature of 25° C.

SILICON STACKS

using standard and reverse polarity double diffused diodes

SERIES NO.*	CONTINUOUS D.C. RATINGS, AMPERES, AT 40° C MAX. AMBIENT TEMP.†		AVAILABLE PRV RATING (VOLTS)
	SINGLE PHASE BRIDGE	THREE PHASE BRIDGE	
20	35	53	
21	44	66	
31	61	91	50 thru 800‡
32	80	120	
33	100	150	
40	166	250	
41	208	312	50 thru 600‡
50	218	326	
51	272	408	

**One diode per arm. Actual number of diodes to be paralleled is determined by current requirements. When more than one diode is required in series or parallel, then special consideration must be given to the equalizing of recovery time and current.*
†Force-cooled @ 1,000 LFM of air. ‡Available in 50-volt steps.

SELENIUM CELLS AND STACKS

Complete range of cell sizes from 1″x1″ to 12″x16″. Current range of 0.15 amps, convection cooled, in single phase, ½ wave rectification to 464.25 amps, force cooled, three phase double wye rectification. Cell volts from 26 rms to 45 rms.

SELENIUM CARTRIDGES

Complete range of ⅛, 3/16, ¼, ⅜, ½ and ¾ inch cell diameters. Ratings of 1.2 ma (half wave) to 55.0 ma. Peak reverse voltage range from 37 to 19,200 volts.
Write for certification bulletin 200, as well as complete silicon and selenium design specifications.

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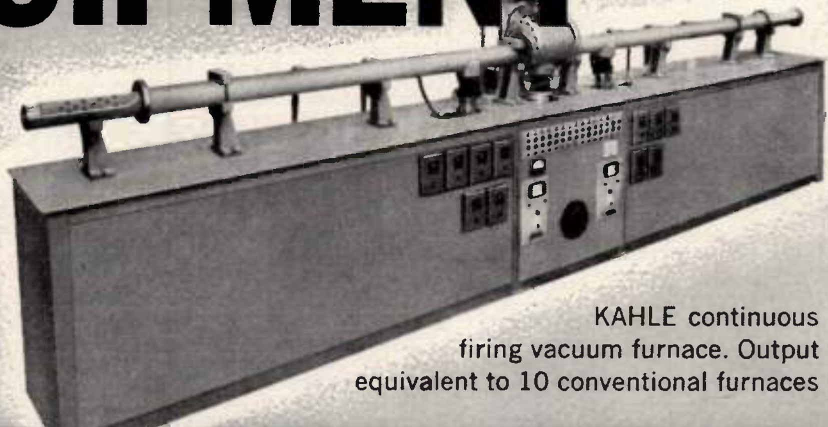
- Crystal Growing
- Crystal Refining
- Crystal Mounting
- Body Forming
- Welding
- Final Sealing

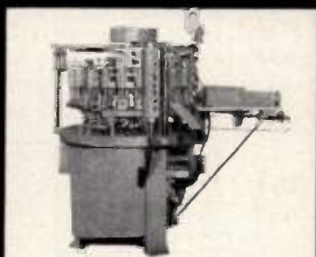
TRANSISTORS
- Header Forming
- Crystal Mounting
- Welding
- Exhausting
- Sealing

ELECTRON TUBES
- Stem Forming
- Bulb Making
- Tubulating
- Lead Welding
- Lead Beading
- Grid Winding
- Heat Treating
- Degassing
- Exhausting
- Sealing
- Bombarding
- Testing
- Flaring



KAHLE continuous firing vacuum furnace. Output equivalent to 10 conventional furnaces

CRYSTAL DIODES	TRANSISTORS	ELECTRON TUBES



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Transistor Header Machine No. 2707

Electron Tube Button Stem Machine No. 3017

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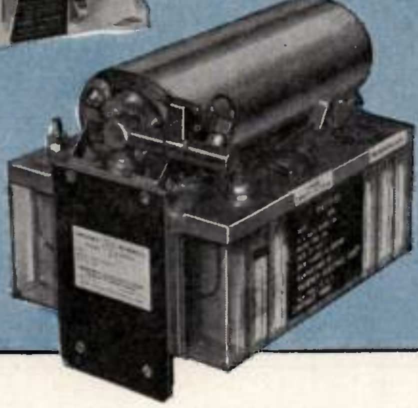

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- ***Flat Voltage*** ***throughout discharge***
- ***Low Weight***
- ***Small Size***

THE YARDNEY SILVERCEL® SYSTEM

- **Extremely High Rate Discharges**—up to 30 times the rated ampere-hour capacity.
- **Flexibility in Voltage and Capacity**—multiples of 1.5 volts. From 1/10 ampere-hour to 300 ampere-hour capacity in production. Larger sizes are readily made.
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- **Wide Temperature Operation**—efficient over wide range from +165°F down to −20°F, to below −65°F with heaters.

Rechargeable SILVERCEL® Batteries

High Energy Output—up to 50 watt-hours per pound; 3.2 watt-hours per cubic inch.

Rechargeability—up to 100 discharge-recharge cycles depending on usage.

Reusable "Primary" PM SILVERCEL® Batteries

Ultra High Energy Output—up to 70 watt-hours per pound.

Recyclability—more than 5 discharges and recharges.

Long Activated Stand—more than two months without capacity loss.

Fast Activation—upon manual filling is ready for use in minutes.

Primary SILVERCEL® Batteries

High Energy Output—up to 35 watt-hours per pound; 2 watt-hours per cubic inch (including activating mechanism).

Rapid Activation—less than a second for automatically activated primaries.

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- **High Energy Output**—up to 34 watt-hours per pound; 2.7 watt-hours per cubic inch.
- **Flexibility in Voltage and Capacity**—multiples 1.1 volts. From 1/10 ampere-hour to 300 ampere-hour capacity in production. Larger sizes are readily made.
- **Rugged**—withstands severe shock, vibration, acceleration.
- **Wide Temperature Operation**—efficient operation over wide range from +165°F down to −20°F, to below −65°F with heaters.

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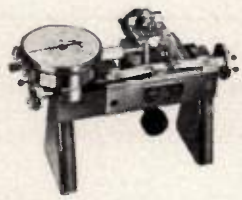
(164)
DIRECT READING PRECISION VARIABLE ATTENUATORS

(175) FIXED PRECISION ATTENUATORS

(410) DIRECT READING FREQUENCY METERS



(103) PRECISION SLOTTED SECTIONS

(641)
WAVEGUIDE SWITCHES

WAVEGUIDE TEST EQUIPMENT

FXR SERIES PREFIX / WAVEGUIDE SIZE IN INCHES (I.D.)	J 21.00x10.50	L 6½x3¼	R 4.410x2.310	S 3x1½	H 2x1	C 1½x¾	W 1¼x⅝	X 1x½
FREQUENCY RANGE IN KMC/SEC	0.35-0.53	1.12-1.70	1.70-2.60	2.60-3.95	3.95-5.85	5.85x8.20	7.05-10.00	8.20-12.40
SLOTTED SECTIONS								
Fixed W.C.	J104A $2350	L101A $950	R101A $1340	S101A $445	H101A $385	S101A $335	W101A $300	X101A $245
Interchangeable W.C.					H115A $110	C115A $110	W115A $110	X115A $ 90
ATTENUATORS								
Flap		L150B $170	R150B $225	S151A $100	H151A $ 95			
Semiprecision				S155A $170	H155A $170	C155A $ 95	W155A $ 85	X155A $ 75
Precision Calibrated		L160B $575	R160B $500					
Precision Direct Reading				S164A $595	H164A $500	C164A $350	W164A $350	X164A $270
Fixed		L168A-E $215		(Models A-3DB, B-6DB, C-10DB, D-20DB, E-30DB)				
Fixed Precision				S175A $365	H175A $240	C175A $135	W175A $115	X175A $ 95
40DB Step							W176A $185	X176A $165
FERRITE ISOLATORS					H157A $240	C157A $220	W157A $220	X157A $195
CRYSTAL DETECTOR MOUNTS								
Tuneable								
Fixed								X211A $ 54
MATCHED BOLOMETER MOUNTS				S207A $145	H207A $140	C207A $135	W207A $120	X207A $ 80
THERMISTOR MOUNTS		L216A $225	R216A $250	S216A $120	H215A $ 94	C216A $ 88	W216A $ 79	X216A $ 74
THERMISTOR HEADS TEMPERATURE COMPENSATED		L218A $350	R218A $350	S218A $225	H218A $180	C218A $170	W218A $150	X218A $145
TUNERS								
Slide screw		L310A $250	R310A $325	S311A $150	H311A $140	C311A $135	W311A $130	X311A $125
E/H				S312A $270	H312A $210	C312A $180	W312A $150	X312A $130
PRECISION PHASE SHIFTERS								
DIRECT READING FREQUENCY METERS								
Precision						C402A $1275		X402A $1275
Reaction					H410A $250	C410A $180	W410B $165	X410B $150
Reaction, micrometer								
Transmission								X411A $175
TERMINATIONS								
Fixed	J501A $750	L501A $210	R501A $180	S501B $ 44	H501B $ 34	C501B $ 30	W501B $ 25	X501B $ 24
Sliding		L502A $350		S502A $ 95	H502A $ 70	C502A $ 65	W502A $ 55	X502A $ 45
High power						C505A †	W505A $125	X505A †
STANDARD MISMATCHES								
VSWR 1.00				S510A $500	H510A $420	C510A $390	W510A $370	X510A $360
VSWR 1.05				S510B $350	H510B $310	C510B $295	W510B $285	X510B $275
VSWR 1.10				S510C $290	H510C $250	C510C $235	W510C $225	X510C $215
VSWR 1.20				S510D $250	H510D $210	C510D $195	W510D $185	X510D $175
VSWR 1.50				S510E $350	H510E $310	C510E $295	W510E $285	X510E $275
WAVEGUIDE-TO-COAX ADAPTERS	J600BN $200 J600B $170	L600B $170	R601B $225	S601B $ 50	H601B $ 40	C601B $ 35	W601B $ 30	X601B $ 25
DIRECTIONAL COUPLERS								
Multihole				S610AD $370	H610A-D $240	C610A-D $140	W610A-D $115	X610A-D $ 95
Crossguide		L612E $300	R612E $250	S612D $140	H612D $120	C612D $ 85	W612D $ 75	X612D $ [illegible]
WAVEGUIDE TEES								
Series		L620A $175	R620A $175	S620A $ 90	H620A $ 80	C620A $ 60	W620A $ 45	X620A $ [illegible]
Shunt		L621A $175	R621A $175	S621A $ 90	H621A $ 80	C621A $ 60	W621A $ 45	X621A $ 35
Hybrid		L622A $220	R622A $220	S622A $110	H622A $ 95	C622A $ 75	W622A $ 60	X622A $ 49
WAVEGUIDE BENDS								
90° E plane	J623B $420	L623B $125	R623B $150	S623B $ 90	H623B $ 65	C623B $ 45	W623B $ 35	X623B $ 24
90° H plane	J624B $420	L624B $125		S624B $ 90	H624B $ 65	C624B $ 45	W624B $ 35	X624B $ 24
WAVEGUIDE 90° TWISTS				S625A $175	H625A $125	C625A $ 75	W625A $ 65	X625A $ 40
PRECISION SLIDING SHORTS		L630A $275		S630A $175	H630A $165	C630A $155	W630A $145	X630B $130
STRAIGHT WAVEGUIDE SECTIONS (Min. length)		L634A $110	R634A $110	S634A $ 75	H634A $ 50	C634A $ 38	W634A $ 35	X634A $ 30
STANDARD GAIN HORNS		L638A $350	R638A $500	S638A $ 75	H638A $150	C638A $125	W638A $120	X638A $100
WAVEGUIDE SWITCHES	Manual Electrical				H641A $350 H641AE $400	C641A $300 C641AE $335	W641A $265 W641AE $290	X641A $225 X641AE $250
SHIELDED TUBE MOUNTS					H760A $150		W760A $130	X760A $130
HARMONIC GENERATORS								
WAVEGUIDE STANDS		L911A $ 15		Z910A $ 7	Z910A $ 7	Z910A $ 7	Z910A $ 7	Z910A $ 7

(811)

UNIVERSAL RATIOMETER

RATIO METER AND
STANDING WAVE AMPLIFIER
IN ONE COMPACT PACKAGE
Model B811A • $610

NOTE:

†Price will be furnished on request.

*Specify required flanges when ordering.

BIDIRECTIONAL COUPLERS available on special order.

WAVEGUIDE FLANGES and FLANGE SCREWS available.

Due to continuing product improvement, specifications and prices are subject to change without notice.

Prices indicated are domestic.

COAXIAL TEST EQUIPMENT

INSTRUMENT	MODEL NO.	FREQ KMC/SEC	PRICE	COMMENT
SLOTTED SECTIONS	N101A N101B *V101A *V101B N110A	1.00- 4.00 4.00-10.00 1.00- 4.00 1.00- 4.00 0.20- 4.00	$470.00 $440.00 $470.00 $470.00 $550.90	Type N or C adapter connector supplied for N101A, B
FERRITE ISOLATORS	N157A	1.00- 4.00	$390.00	
FIXED ATTENUATORS	N180A,B,C,D	1.00-11.00	$ 42.00	3, 6, 10, 20 db
TUNABLE PROBES	B200A B202A	1.00-12.40 0.35- 1.40	$145.00 $225.00	1N23B supplied 1N21B supplied
DETECTOR MOUNTS Tunable Untuned	N200A N210A **N210B	1.00-12.40 0.10-10.00 0.10-10.00	$145.00 $ 50.00 $ 55.00	1N23B crystal supplied
THERMISTOR MOUNTS Broadband Temp Compensated	N215A N217A	0.50-10.50 0.50-10.50	$ 75.00 $140.00	Z215L element supplied
THERMISTOR HEAD	N218A	0.01-10.00	$145.00	Used with Model B831A
DOUBLE STUB TUNER	N300A	1.00-10.00	$ 90.00	
SLIDE SCREW TUNER	N311A	1.00-10.00	†	
FREQUENCY METERS, DIRECT READING	N410A N414A	1.00- 4.00 4.00-11.00	$495.00 $495.00	Accuracy 0.08% Accuracy 0.10%
DIRECTIONAL COUPLERS (20 DB)	N616D N617D	0.25- 1.00 1.00- 4.00	$160.00 $150.00	
KLYSTRON TUBE MOUNT	N761A		$ 95.00	Z761P cable not supplied
KLYSTRON TUBE MOUNT	Z762B		$145.00	Z762P cable supplied

*Mating coax dim. 7/8" all others 3/8"   **Model N210B has built in DC return.   †Price will be furnished on request.

WAVEGUIDE TEST EQUIPMENT

FXR SERIES PREFIX / WAVEGUIDE SIZE IN INCHES (I.D.)	Y .622x.311	K* .420x.170	U* .280x.140	Q .224x.112	M .148x.074	E .122x.061	F .080x.040	G .051x.0255
FREQUENCY RANGE IN KMC/SEC	12.40x18.00	18.00-26.50	26.50-40.00	33.00x50.00	50.00-75.00	60.00x90.00	90.00-140.00	140.00x220.00
SLOTTED SECTIONS Fixed W.C.	Y102A $545	K102A $545	U102A $545	Q103A $1100	M103A $995	E103A $1650	F105A $1400	G105A $1400
Interchangeable W.C.	Y115A			TYPE Z116A CARRIAGE $160				
ATTENUATORS Flap				Q151A $110	M151A $100	E151A $190		
Semiprecision	Y155A $ 90	K155A $135	U155A $170					
Precision Calibrated							F163A $975	G163A $975
Precision Direct Reading	Y164A $275	K164A $425	U164A $450	Q164A $825	M164A $800	E164A $1200		
Fixed								
Fixed Precision	Y175A $115	K175A $240	U175A $250	Q175A $475	M175A $425	E175A $675	(Values to 30DB)	
40DB Step								
FERRITE ISOLATORS	Y157A $220	K157A $240						
CRYSTAL DETECTOR MOUNTS Tuneable	Y205B $175	K205B $175	U205B $200 U206B $200	Q206B $210	M208A $325 M206B $210	E208A $400 E206C $350	F208A $400	G208A $400
Fixed	Y212A $ 80	K212A $ 80	U212A $ 80					
MATCHED BOLOMETER MOUNTS								
THERMISTOR MOUNTS	Y216A $110	K216A $150	U216S $270					
THERMISTOR HEADS TEMPERATURE COMPENSATED	Y218A $210	K218A $250	U218S $400					
TUNERS Slide screw	Y311A $130				M311A $195			
E/H	Y312C $135	K312C $155	U312B $170	Q312B $235	M312C $245	E312C $390	F313A $775	G313A $775
PRECISION PHASE SHIFTERS							F314A $950	G314A $950
DIRECT READING FREQUENCY METERS Precision								
Reaction	Y410A $210	K410A $230	U410A $250					
Reaction, micrometer				Q410X $325	M410X $300	E410X $500	F412A $750	G412A $750 G413A $800
Transmission								
TERMINATIONS Fixed	Y501A $ 24	K501A $ 30	U501A $ 35	Q501A $ 95	M501A $ 90	E501A $150	F501A $150	G501A $150
Sliding	Y502A $ 50	K502A $ 70	U502A $ 75					
High power								
STANDARD MISMATCHES VSWR 1.00	Y510A $450	K510A $480	U510A $625					
VSWR 1.05	Y510B $325	K510B $340	U510B $525					
VSWR 1.10	Y510C $275	K510C $280	U510C $450					
VSWR 1.20	Y510D $225	K510D $240	U510D $280					
VSWR 1.50	Y510E $325	K510E $340	U510E $350					
WAVEGUIDE-TO-COAX ADAPTERS								
DIRECTIONAL COUPLERS Multihole	Y610A-D $100 (Models A-30B, B-6DB, C-10DB, D-20DB)	K610A-D $165	U610A-D $185		M610A-D $500			
Crossguide	Y612D $ 55	K612D $110				Models D-20DB, E-25DB		
WAVEGUIDE TEES Series	Y620A $ 40	K620A $ 45	U620A $ 55	Q620A $ 65	M620A $ 60	E620A $110	F620A $275	G620A $275
Shunt	Y621A $ 40	K621A $ 45	U621A $ 55	Q621A $ 65	M621A $ 60	E621A $110	F621A $275	G621A $275
Hybrid	Y622A $ 54	K622A $ 65	U622A $ 80	Q622A $100	M622A $100	E622A $170	F622A $325	G622A $325
WAVEGUIDE BENDS 90° E-plane 90° H plane	Y623B $ 32 Y624B $ 32	K623B $ 38 K624B $ 38	U623B $ 42 U624B $ 42	Q623B $ 55 Q624B $ 55	M623B $ 50 M624B $ 50	E623B $ 90 E624B $ 90	F623A $275 F624A $275	G623A $275 G624A $275
WAVEGUIDE 90° TWISTS	Y625A $ 60	K625A $ 60	U625A $ 70	Q625A $100	M625A $100	E625A $100	F625A $100	G625A $100
PRECISION SLIDING SHORTS	Y630C $145	K630C $155	U630B $150	Q630B $155	M630C $160	E630B $250	F631A $275	G631A $275
STRAIGHT WAVEGUIDE SECTIONS (Min. length)	Y634A $ 35	K634A $ 38	U634A $ 38	Q634A $ 50	M634A $ 50	E634A $ 50	F634A $ 85	G634A $ 85
STANDARD GAIN HORNS	Y638A $125	K638A $150	U638A $175	Q638A $120	M638A $125	E638A $250	F638A $200	G638A $200
WAVEGUIDE SWITCHES	Y641A $250 Y641AE $275	K641A $275 K641AE $300	U641A $300 U641AE $325					
SHIELDED TUBE MOUNTS								
HARMONIC GENERATORS				Q780A $165	M780A $160	E780A $250	F781A $475	G781A $475
WAVEGUIDE STANDS	Z910B $ 7	Z910B $ 7	Z910B $ 7	Z910C $ 7	Z910C $ 7	Z910C $ 7		

FXR, Inc.

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REPRESENTATIVES IN ALL MAJOR CITIES THROUGHOUT THE WORLD.

772

SIGNAL SOURCES

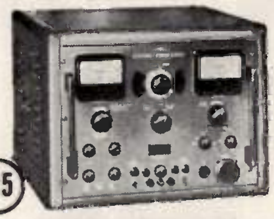
- 950 to 2000 MC. Model L772A $1340
- 1900 to 4000 MC. Model S772A $1340
- 3950 to 8200 MC. Model C772A $1340
- 7000 to 11000 MC. Model X772A $1340

831

TEMPERATURE COMPENSATED POWER METER

- Power Range, full scale −20DBM or 0.010 MW. to + 5DBM or 3.00 MW.
- Type 218 Heads required

Model B831A • $335
Model B832T (Transistorized) • $450



815

UNIVERSAL KLYSTRON POWER SUPPLY

- Beam: 200-3600V
  Grid: 0 to +150V; 0 to −300V
  Reflector: 0-1000V

Model Z815B • $1350

775

SWEEP SIGNAL SOURCE

- Freq. Range: 8200-12400 MC.
- Provisions for AGC

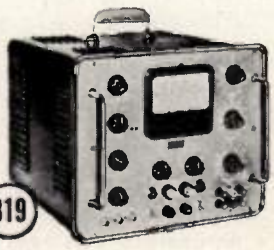
Model X775A • $2900

812

STANDING WAVE AMPLIFIER

- Full scale sensitivity, 0.1μV signal-to-noise ratio 3:1
- Tunable 1000 cps filter

Model B812A • $225

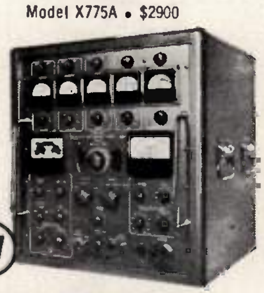


819

KLYSTRON POWER SUPPLY

- Beam: 300-1000V at 85 MA.
- Grid: 0 to +150V; 0 to −300V
- Reflector: 0-900V

Model Z819A • $625



817

UNIVERSAL MICROWAVE POWER SUPPLY

- Helix: 0-3500V
- Filament: 0-15V D.C.
- Separate Grid Voltages #1, #2, #3, #4 plus Collector and Anode Voltages

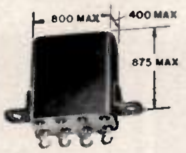
Model Z817A • $2650

➧ TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

ALLIED CONTROL RELAYS

MILITARY RELAYS

SUBMINIATURE
TYPE KHJ-6D
DPDT ● DC



OPERATING CONDITIONS for KHJ-6D

Contact Rating: Low level up to 2 amps. non-inductive at 29 volts d-c or 115 volts a-c. 3 amp. contacts available on request.

Ambient Temperature: —65°C to +125°C

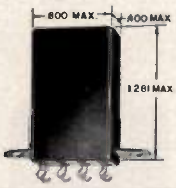
Vibration: 5-28 cps at 0.5 in. double amplitude. 28-2000 cps at 20g.

Shock: 50g operational.

Terminals: 0.2 in. grid spaced plug-in, printed circuit or hooked type solder terminals.

OTHER RELAY TYPES	Electrical Characteristics: Maximum Contact Pile-Up	Contact Rating Amps.	Coil Operation	Max. Basic Dimensions: Width & Length		Seated Height
JH-6D	DPDT	5	DC	.400	.800	.906
JH-18D	6PDT	2	DC	.800	1.200	.781
KHY-6D	DPDT	2	DC	.359	.797	.759

SENSITIVE
TYPE JSH-6D
DPDT ● DC



OPERATING CONDITIONS for JSH-6D

Average Pull-in Power at 25°C: SPDT-25 milliwatts; DPDT-40 milliwatts.

Contact Rating: 2 amps. non-inductive at 29 volts d-c or 1 amp. at 115 volts a-c. Low level contacts are available on request.

Ambient Temperature: —65°C to +125°C

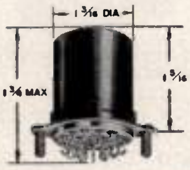
Vibration: 5-55 cps at 0.12 in. double amplitude; 55-2000 cps at 20g.

Shock: 50g operational.

Weight: 1.1 ounce maximum.

OTHER RELAY TYPES	Electrical Characteristics: Maximum Contact Pile-Up	Contact Rating Amps.	Coil Operation	Max. Basic Dimensions: Width & Length		Seated Height
RSH	DPDT	2	DC	.765 dia.		1.609
SW	DPDT	5	DC	.906	1.406	1.625

MINIATURE
TYPE MHJ-18
6PDT ● AC or DC



OPERATING CONDITIONS for MHJ-18

Contact Rating: Low level up to 5 amps. non-inductive at 29 volts d-c or 2 amps. at 115 volts a-c.

Ambient Temperature: —65°C to +125°C

Vibration: 5-28 cps at 0.5 in. double amplitude; 28-2000 cps at 20g.

Shock: 50g standard.

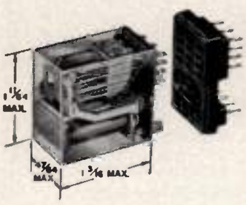
Weight: 4.2 ounces maximum.

AC: This relay is supplied with self contained diodes for 60 to 400 cps operation.

OTHER RELAY TYPES	Electrical Characteristics: Maximum Contact Pile-Up	Contact Rating Amps.	Coil Operation	Max. Basic Dimensions: Width & Length		Seated Height
CH-12	4PDT	10	AC or DC	1.203	1.203	1.718
MH-6D	DPDT	5	DC	.645 dia.		1.328
MH-12D	4PDT	5	DC	1.056 dia.		1.328
MH-18D	6PDT	5	DC	1.197 dia.		1.328
MHJ-12	4PDT	5	AC or DC	1.056 dia.		1.328
MHY-12	4PDT	10	AC or DC	1.197 dia.		1.328

COMMERCIAL RELAYS

TELEPHONE
TYPE T-154
4PDT ● DC



OPERATING CONDITIONS for T-154

Contact Rating: 2 amps. resistive or 1 amp. inductive at 29 volts d-c or 115 volts a-c. Low level or 5 amp. contacts available.

Nominal Coil Power: 700 milliwatts.

Minimum Coil Power: DPDT-125 milliwatts; 4PDT-300 milliwatts.

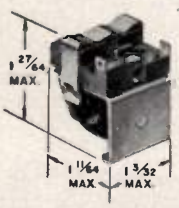
Dielectric: 1000 volts rms at sea level.

Terminals: Open relay—plug-in solder lugs or octal plug. Sealed relay—hooked type solder terminals, 14-pin miniature plug or octal plug.

Enclosure: Open, dust cover or hermetically sealed.

OTHER RELAY TYPES	Electrical Characteristics: Maximum Contact Pile-Up	Contact Rating Amps.	Coil Operation	Max. Basic Dimensions: Width & Length		Seated Height
LK	6PDT	2	DC	1.078	1.718	1.890
LKH	4PDT	2	DC	1.437	1.625	2.656
SK	6PDT	2	DC	.968	1.687	1.468
SKH	4PDT	2	DC	1.437	1.625	2.062
TAH	4PDT	2	DC	.953	1.343	1.593

GENERAL PURPOSE
TYPE FC-3D
SPDT ● DC



OPERATING CONDITIONS for FC-3D

Contact Rating: 2 amps. resistive or 1 amp. inductive at 29 volts d-c or 115 volts a-c.

Nominal Coil Power: 2.0 watts.

Minimum Coil Power: 300 milliwatts.

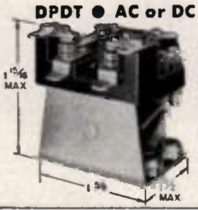
Capacity: Closed contacts to frame or between open contacts 3.0 mmf; open contacts to frame 1.5 mmf.

Dielectric Strength: 1000 volts rms at sea level.

Terminals: Solder lugs or "Miniature Faston" solderless tabs.

OTHER RELAY TYPES	Electrical Characteristics: Maximum Contact Pile-Up	Contact Rating Amps.	Coil Operation	Max. Basic Dimensions: Width & Length		Seated Height
AS-3	SPDT	5	AC or DC	1.000	1.687	1.296
BJ-6	DPDT	5	AC or DC	.875	1.703	1.968
F	DPST	2	DC	1.375	1.656	1.203
ME-6	DPDT	5	AC or DC	.828	1.406	1.203

POWER
TYPE BO
DPDT ● AC or DC



OPERATING CONDITIONS for BO

Contact Rating: 15 amps. non-inductive; 10 amps. inductive or 8 amps. motor load at 29 volts d-c or 115 volts a-c.

Dielectric Strength: 1500 volts rms at sea level.

Nominal Coil Power: 2.5 watts d-c or 5.0 volt amps. a-c.

Enclosure: Dust cover or hermetically sealed with hooked type solder terminals or octal plug.

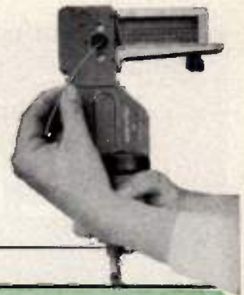
OTHER RELAY TYPES	Electrical Characteristics: Maximum Contact Pile-Up	Contact Rating Amps.	Coil Operation	Max. Basic Dimensions: Width & Length		Seated Height
BOHR-6	DPDT	10	AC or DC	1.671	1.796	2.687
BOY-6D	DPDT	10	DC	1.843	1.500	1.937
CNA-13	SPST	50	AC or DC	2.093	2.281	2.406
PB	4PDT	10	AC or DC	1.218	1.437	1.859
PO	4PDT	15	AC or DC	1.906	2.281	2.250

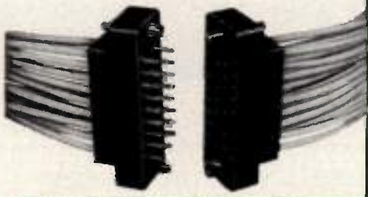
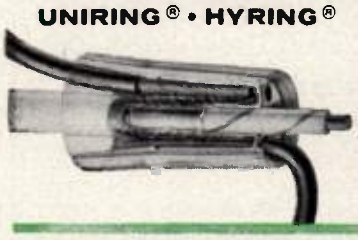
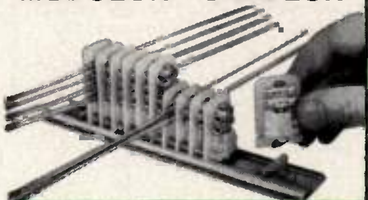
ALLIED CONTROL
RELAYS • SOLENOID VALVES • SWITCHES
Allied Control Company, Inc., 2 East End Ave., N Y. 21, N.Y. • BU 8-7403

BURNDY READY REFERENCE

CONNECTION

SELECTOR CHART



Photographs of products are not to scale.	DEFINITIONS	TYPES	FEATURES
HYFEN® 	Plug and receptacle connectors with crimp-type, snap-locked contacts.	Miniature rectangular, rack and panel, general purpose, modular, plug-in relay base, printed circuit—pin and edge type, coaxial—miniature and standard, BANTAM, round.	Tool-installed crimped contacts are individually or gang connected and disconnected. Extremely versatile and reliable. Quality materials used for inserts and contacts which are normally gold plated. Modular concepts.
STAPIN® 	Solid shank, solid barrel taper pins for wire terminations in variety of receptacles.	Sealed, terminal blocks, modular frames and inserts, coaxial, console mount, bussed, stacking strips.	Rugged solid construction provides protection against repeated and rough handling. Tool-installed STAPIN quality-controlled by tooling.
UNIRING® • HYRING® 	Compression sheath connector for terminating and grounding shielded or coaxial cable.	one-piece UNIRING, two-piece HYRING, both in complete size ranges.	Tool-installed, eliminates possible heat damage to conductors, dielectric, and insulation. Both available preinsulated or uninsulated. Conforms to MS25311 and MS25312 (AER).
MODULOK®•CRABLOK® 	Quick-disconnect or permanently-connected terminal blocks.	2- or 4-tier MODULOK. 5- or 15-bay CRABLOK.	Extremely versatile modular design. Reliable electrical contact in both quick-disconnect or permanent connection position. Tool-installed crimp-type contact tips.
INSULUG® • HYLUG® 	Compression terminals, splices.	Round, fork, right angle, flag, high temperature insulated and uninsulated.	Hand, semi-automatic, and fully automatic tooling—with removable dies—provide up to 1000 quality-controlled connections per hour.
WIRING SPECIALTIES 	Cable hangers, pigtail splices, strip terminals.	NYLOCLIP® BURCAP® FINGRIP®	Compression connections, tool controlled. NYLOCLIP strong, light, environmentally resistant.

Catalogs available covering these and other product lines . . .

OMATON DIVISION

BURNDY

60-12

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PRECISION-ENGINEERED

ELECTRONIC PRODUCTS

The long experience of the Carborundum Company in the field of ceramic materials bonded at high temperatures, and the specialized facilities of its Globar and Latrobe plants make possible a wide range of quality products for the electronics industry.

CERAMIC RESISTORS

GLOBAR® resistors are supplied in three broad classifications as described below. Wide experience with many specialized applications insures you of expert engineering assistance.

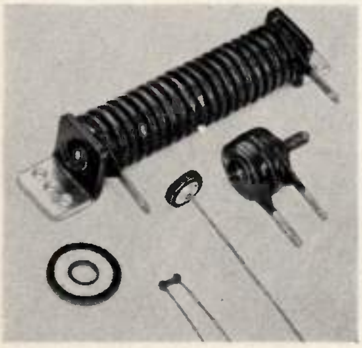
FIXED, NON-INDUCTIVE RESISTORS

GLOBAR® fixed, non-inductive resistors are available in a wide range of sizes, shapes and compositions. Many of them have very low temperature and voltage coefficients and all sizes have exceptional power handling capabilities. These composition bodies utilize no films or windings and hence exhibit little or no inductance, depending on geometry. Sizes range from 2" long by ½" diameter up to 24" long by 2" diameter, providing ratings of 5 watts to 500 watts. Extreme short duration overloads, such as pulses with several megawatt peaks, can be dissipated with confidence. For details, write Globar Plant, Refractories Div., Dept. EBG-1, Carborundum Co., Niagara Falls, N. Y.

VARISTORS

GLOBAR Type BNR varistors are non-linear (voltage-sensitive) resistors for voltage control and stabilization applications. They are made from the highest electrical grade silicon carbide, ceramically bonded into disc, rod and cylindrical shapes. Flexible production facilities make possible a wide range of physical sizes, watt ratings and changes of resistance with applied voltage. For details, write Globar Plant, Refractories Div., Dept. EBG-2, Carborundum Co., Niagara Falls, N. Y.

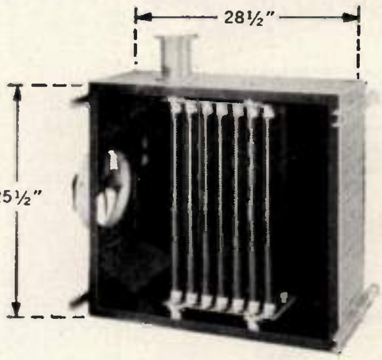
THERMISTORS



GLOBAR Types B, F and H thermistors are non-linear, negative temperature coefficient resistors, available with coefficients from approximately .3%°C to 5.1%°C at 25°C. Disc and rod shape bodies can be manufactured in a wide range of sizes to provide desired resistance values, thermal time and dissipation constants and temperature coefficients for a variety of electronic circuits. For details, write Globar Plant, Refractories Div., Dept. EBG-3, Carborundum Co., Niagara Falls, N. Y.

RESISTOR TEST KITS for development work

For those who would like to experiment with possible applications of GLOBAR thermistors, varistors and high temperature resistors, test kits are available at a nominal charge. Each kit contains 6 thermistors or varistors of the value specified for that test kit. Selection may be made from various types and ratings. For information on kits available, write Globar Plant, Refractories Div., Dept. EGB-4, Carborundum Co., Niagara Falls, N. Y.



CUSTOM ENGINEERED PULSE AND RF LOADS

Designed to individual customer requirements, these loads are completely assembled by the Globar plant. They utilize GLOBAR® high power, non-inductive resistors mounted in such a fashion as to present the lowest possible inductance.

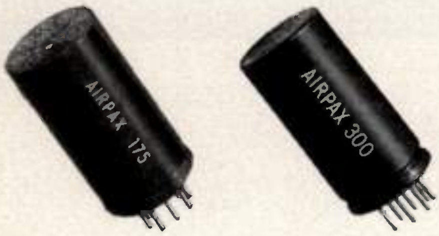
A typical modulator load is pictured above. Peak pulse voltage is 12 kv and average power rating is 10 kw. The load is cooled by forced air at 300 CFM. A viewing resistor is provided so that the 1/1000 of the pulse voltage is available at a BNC jack. Similar loads can be designed using forced air or liquid cooling.

Non-linear loads are also supplied for simulating the characteristics of magnetrons and other microwave tubes. These loads utilize the non-linear characteristics of GLOBAR varistors. For information write Globar Plant, Refractories Div., Dept. EGB-5, Carborundum Co., Niagara Falls, N. Y.

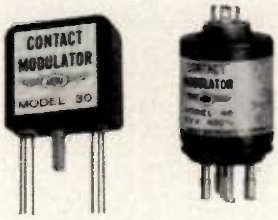
TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

AIRPAX

CHOPPERS
CIRCUIT BREAKERS
TELEMETRY SYSTEMS
MAGNETIC COMPONENTS



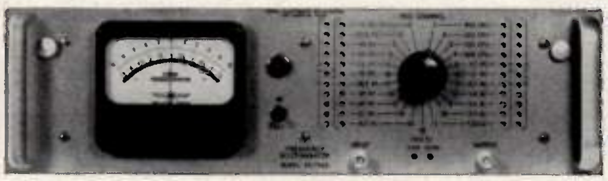
Miniature hermetically sealed electro-mechanical CHOPPERS for stabilized DC amplifiers used in computers, servos, bridges and control systems. TYPE 175 has 60 CPS drive; TYPE 300 uses 400 CPS drive.



These tiny CHOPPERS have the same long-life reliability characteristics as their larger counterparts. MODEL 30 is for 60 CPS operation; MODEL 46 uses a 400 CPS drive.

TYPE 371 uses center pivoted armature construction to permit operation under conditions of severe shock and vibration. TYPE 6025 is a transistor chopper with self contained drive transformer. Drive, 50 to 5000 CPS.

The MAGMETER® frequency detector delivers an output current directly proportional to input frequency with an accuracy of 0.1%.



The CALIBRATOR series of frequency discriminators utilizes solid state components for long trouble-free life. Available in single and multi-channel units.

PREAC magnetic amplifiers are high sensitivity DC units with an extremely stable null. FERRAC instrument push-pull magnetic amplifiers have exceptional stability and linearity.

Miniature CIRCUIT BREAKERS of the magnetic type are available in ratings from 50 ma. to 15 amps.

Custom TRANSFORMERS are produced to exacting requirements. Rigid QC procedures assure highest reliability.

Expanded scale FREQUENCY METERS with an accuracy of 0.1% are completely self contained.

Illustrations are representative of the devices which Airpax produces. A complete line of choppers, both electromechanical and transistor types, cover every conceivable condition of use.

Telemetry equipment, employing solid state components, uses a single front panel switch in the multi-channel type to select each of the 23 IRIG information channels. The Airpax MAGMETER® frequency detector is the "heart" of these devices.

The circuit breaker line features both military and commercial types with or without isolated indicating circuits. Breakers are available in series, shunt and relay types and in ganged assemblies for 2 and 3 phase circuit protection.

AIRPAX ELECTRONICS INCORPORATED

AC11

AIRPAX ELECTRONICS
INCORPORATED

CAMBRIDGE DIVISION • CAMBRIDGE, MARYLAND
SEMINOLE DIVISION • FORT LAUDERDALE, FLA.

Shielded Power Supply Cables—Rubber
Duplex Connector Extension Cords
Cathode Ray Tube Lead
Miniaturized Cables
Grid Wires
Control Cables
Magnet Wire
Plastic Microphone Cables
Shielded Interconnecting Cables
Low Impedance Lines
Unpaired Intercom Cables
Audio Cables
Automation Cable
Shielded Control Cables
Individually Shielded Intercom Cables
Mr. Design Engineer...
BELDEN Has It
Every electronic and electrical wire you need—from the finest drawn magnet wire to the most complex multi-conductor cable.
There is a Belden wire or cable in every insulation and shielding to meet your design and application requirements. Here is just part of this complete line. Available from stock.
Belden
WIREMAKER FOR INDUSTRY
SINCE 1902 — CHICAGO
One Wire Source for Everything Electronic and Electrical
• electronic wire • magnet wire • lead wire • power supply cords • cord sets • portable cordage
8-4-1
Coiled Test Prod Wire
RG/U Transmission Line Cables
RC/U Cables
3-Conductor Power Cords
Control Cables
Rubber Microphone Cables
Hook-Up Wires
Miniature Audio Cables
Duplex Primary Wires
Strain Gauge Cables
Call System Cables
Test Prod Wires
Broadcast Audio Cables
PA System Cables
2-Conductor Power Cords
TV Eye Camera Cable
Sound & Alarm System Cables
2 & 3 Conductor Extension Cords
Miniature Microphone Cables
Multiple Pair Cables
Mil-Spec Wires
Belden
WIRES · CABLES · CORDS
ELECTRONIC WIRES
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Industrial Intercom Wires
75-Ohm Video Cable
Lamp Cordage
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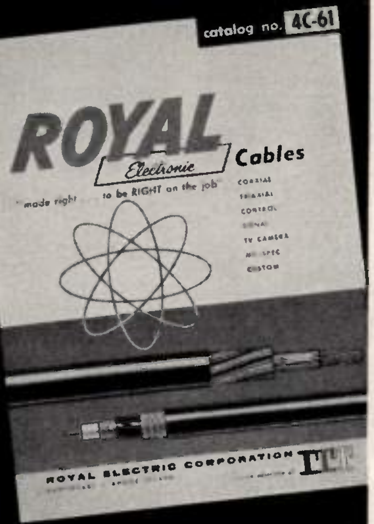
Portable Cordage
Coiled Cords
Shielding & Bonding Cable
Special Sound Cables



NEED CABLE DATA?

Whatever your part in engineering and building electronic equipment, here's the NEW catalog that should be at your fingertips for CABLES! New Catalog No. 4C-61 gives complete charts on Royal RG and special application cables, physical and electrical characteristics, testing procedures, engineering tables (impedance, attenuation, etc.). Valuable information, too, on MIL-spec, signal, control and other multi-conductor cables.

WRITE for your copy — TODAY!

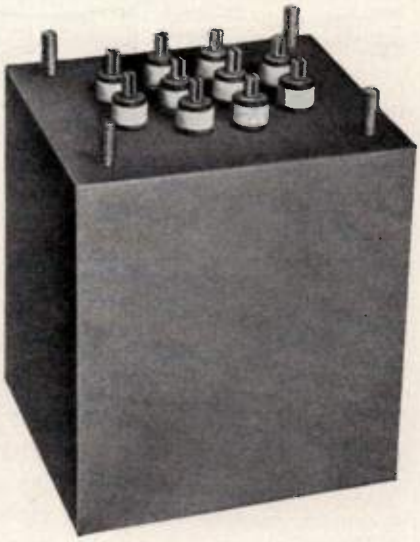
Royal Electric Corporation
301 Saratoga Avenue
Pawtucket, Rhode Island

In Canada: Royal Electric Company (Quebec) Ltd., Pointe Claire, Quebec

ROYAL ELECTRIC ...an associate of ITT

PRECISION TRANSFORMERS

. . . for Exacting
MILITARY AND INDUSTRIAL REQUIREMENTS



LIST OF PRODUCTS

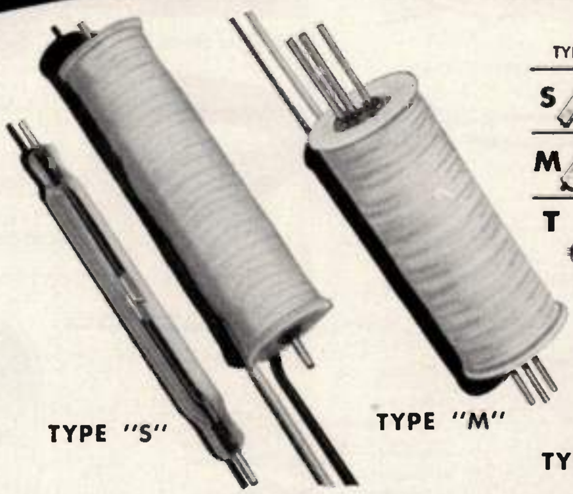
. . . power transformers, magnetic amplifiers, pulse transformers, audio transformers, filter chokes, toroidal coils, filament transformers, reactors, bobbin windings, instrument transformers, layer wound coils, MIL-T-27 types, hermetic sealing and special moisture-proof coatings.

***atlas* engineering co., inc.**
10 CHENEY ST., ROXBURY, MASS.

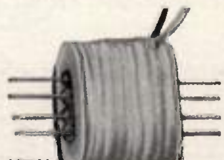
Coto COILS FOR MAGNETIC REED SWITCHES Coto

Write for Bulletin and Prices

TYPE	DC-V	Ohms	Nom. Watts	Nom. Amp/ Turns
S	6	100	.40	250
	12	360		
	24	1400		
M	6	50	.70	250
	12	175		
	24	820		
T	6	100	.35	125
	12	400		
	24	1600		
	32	2800		
	48	4600		



TYPE "S" TYPE "M"



TYPE "T"

Since 1917 Coto-Coil has produced all types of electrical coil windings . . . for every application . . . to the most demanding specifications. Our complete design and engineering service is available to you on request.

WIRE SIZES #6 to #56
. . . Classes A, B, F and H

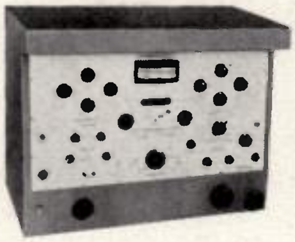
Coto-Coils COTO-COIL CO., INC., 72 Pavilion Ave., Providence 5, R. I.

NEW! AC/DC TRANSFER STANDARD

Model FLH — Portable AC/DC difference tester ideally suited for the certification of other transfer standards, or when used with precision DC potentiometers, for the high accuracy measurement of AC voltages. Maximum frequency influence ±.05% to 50 kc. Furnished with NBS correction figures to a certified accuracy of ±.01%. Multipliers used are selected for superior performance over a wide frequency range. Long term stability is not a factor in over-all accuracy.

Ranges: 1.5-3/7.5/15/30/75/150/300/750 V. (Nominal overloads of 50% will not affect operation and, therefore, 750 V range may be used for 1000 V measurements.
Sensitivity: 100 Ω/V
Resolution: .005%

NEW! AC/DC CALIBRATION CONSOLE



Model LTC-1 — Second edition in a series of high accuracy test consoles. Features additional advantages of automatic overload protection and packaging in an aluminum shielded case. The only instrument with all the standout specifications listed below:
Accuracy: ±.05% of reading DC to 25kc
Current Range: 1 ma to 11.11 amperes
Voltage Range: .5 v to 1111 V
Readout: Directly in "% Error" or in actual figures.
Self contained for one-man operation.

Model LT-PS-1 is a low distortion (.1%), highly stable (±.01%), variable frequency (20 cps-20 kc) power supply for use with LTC.

NEW! AC/DC POLYRANGER

Model UX — Versatile 51 range portable electrical indicating instrument with increased scale resolution and long term performance reliability. Features AC expanded scale, 1000% automatic overload protection and a completely self contained "Self Checking" system. Diamond Pivoted of course!
DC Ranges: 5/10/20/50/100/200/500 mv; 1/2/5/10/20/50/100/200/500/1000 v; .2/.5/1/2/5/10/20/50/100/200/500 ma; 1/2/5 amps.
AC Ranges: .5/1/2/5/10/20/50/100/200/500/1000 v; 10/20/50/100/200/500 ma; 1/2/5 amps.
Accuracy: DC .5%; AC .75% to 5 kc on voltage and 15 kc on current.
Sensitivity: DC 5000 Ω/v; AC 100 Ω/v.

NEW! PocketPot

Model PC—Miniature DC potentiometer for use as an infinite impedance calibrator and measuring instrument. Self contained reference source, galvanometer and direct "in line" dial readout. Available with Model PC-1 volt-amp-milliampere "plug in" range extension unit of same size. Single leather carrying case for both items.

Accuracy: ±.05% of reading
Range: .01 —5.09 V
Range Extension Unit: 5/50/500 V (500 Ω/v); .5/5/50/500 ma, 1 amp. Accuracy ±.05%
Resolution: .01 V
Size: 9" x 4¼" x 1¾" each unit

SENSITIVE RESEARCH INSTRUMENT CORPORATION • NEW ROCHELLE, N. Y.

NEW! FREQUENCY SELECTIVE AMPLIFIER

Commander Type 5212M — Null-detector for use with AC bridges, potentiometers and other such devices. Continuous frequency coverage from 10 cps—10 kc or 20 cps—20 kc. 85 to 100 db amplification. Equivalent Q,30. Hum and noise 1.5 μv maximum. Input impedance 100,000 ohms shunted by 10 pF. Output impedance 400 ohms.

NEW! VARIABLE STANDARD INDUCTOR

Commander Types 9001, 9011 and **9111** precision mutual inductor with ranges of .1 μh — 1.111 mh, 1 μh — 11.11 mh and 10 μh — to 111.1 mh. Low capacitance construction features stranded silk-covered copper wire, wound on marble formers. Accuracy ±.02% to ±.05% DC to 1000 cps.

Primary & Reference Standard Electrical Instruments and Accessories

DC POTENTIOMETERS—6 figure instruments; Type 9144 Dauphinee ±.001% accuracy.
EXPANDED SCALE INCREMETER—Model INCRE DC volt-milliamp meter; 70" scale length; ±.05% accuracy.
STANDARD CELL ENCLOSURE—Type 9152 holds 4 saturated cells; controlled to ±.01°C.
SATURATED STANDARD CELLS—Type 4305; certifiable to ±.0001%.
AC-DC VOLT-AMP-MA METER—Model THACH-5X, ranges up to 5a and 1000 v; Self Checking; ±.2% accuracy; ±.1% at multicheck points.
AC-DC POWER SUPPLY—Overload Protected Model THACH-PS for use with Model THACH.
GALVANOMETERS AND GALV. AMPLIFIER—Types SR21 and 5214; sensitivity up to 1750 mm/μv.
FLUXMETERS—Model FM multirange or FS single range; ±.5% accuracy.
PORTABLE OR PANEL AC-DC METERS—Model N volt-amp-milliamp. meters; 6.1" scale length; ±.5% accuracy. Model C, CEW-7 .25% accuracy.
OVERLOAD PROTECTED POLYRANGER—Model 2-AP withstands up to 5000% overload; ±.75% accuracy.
PRECISION CHOPPERS—Type 9744; thermal emf's less than .01μv.; Types 9742A/3 miniature choppers.
STANDARD VOLT RATIO BOXES — Type 9700A per NBS RP1419; accuracy ±.005%; type 4281 ±.02%.
ELECTROSTATIC VOLTMETERS—Model ESH to 100 kv, 10^{11}Ω input impedance; Model ESD to 6 kv; ±1% accuracy.
DC VOLTAGE REFERENCE—Model STV 1.0000 and 1.0185 v.; Zener stabilized to ±.01% accuracy.
WATTMETERS—Models DW, DLW and PDW single and polyphase down to 20% p.f.; ±.25% to ±.75% accuracy.
THERMOCOUPLE INSTRUMENTS — AC-DC voltage to 10 mc; Current to 20 mc; ±.5% to 1% accuracy.
MAGNETIC TESTING SETS—Models MAT and COL for testing per ASTM specifications.
RF VOLTMETER CALIBRATOR—Model RFVC Self Checking; .01/.1/1/3 v; ±.3% accuracy ±.2% freq. influence.

Portable and Panel AC and DC instruments for the measurement of current, voltage, power, power factor, frequency, temperature and magnetic quantities.

TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

MOLONEY ELECTRIC COMPANY

ST. LOUIS 20, MISSOURI

When you specify Moloney . . . for transformers and other magnetic components for electronics . . . you're tapping one of the richest reservoirs of experience and technical know-how available today to the electrical industry. Since 1896 Moloney has designed and fabricated transformers and related products. Now Moloney's vast store of knowledge and engineering ability is available to the electronics industry.

Write for Magnetic Component Bulletin No. 3815C.

PLATE TRANSFORMERS

25 cycles to 2000 cycles

Single and polyphase for all rectifier circuits

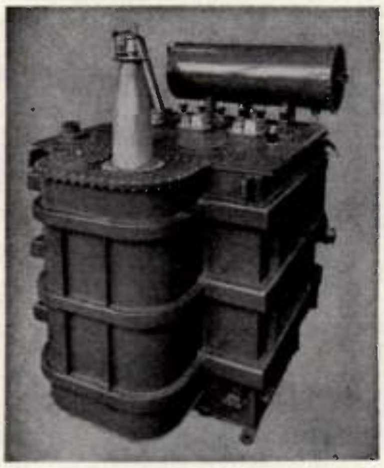
Indoor or outdoor—submerged—airborne operation

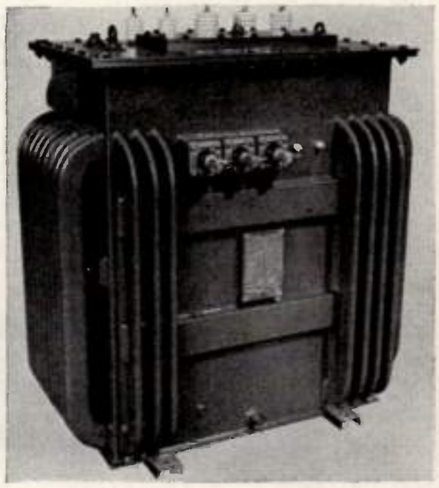
Liquid Immersed—OIL, ASKAREL
3 KVA through 10000 KVA
Voltages through 230 KV

Air Cooled—Class A, B, H
1 KVA through 4000 KVA
Voltages through 15 KV

Compound Filled
1 KVA through 25 KVA
Voltages through 15 KV


Askarel Immersed—16 KW—7 KV

Oil Immersed—775 KW—110 KV


Oil Immersed—150 KW—15 KV



Air Cooled—7 KW—8 KV

FILAMENT TRANSFORMERS

DRY TYPE AND COMPOUND FILLED
Output 0.5 KVA through 25 KVA High Potential Test 4 KV through 31 KV

LIQUID IMMERSED—OIL OR ASKAREL
Output 0.15 KVA through 25 KVA High Potential Test 10 KV through 140 KV


Oil Immersed—7.5 volts—1350 amp


Air Cooled—7 volts—1000 amp

FILTER REACTORS

LIQUID IMMERSED—OIL OR ASKAREL
LI^2 from 10 through 50000
Hi Potential Test
10 KV through 140 KV

AIR COOLED OR COMPOUND FILLED
LI^2 from 1 through 5000
Hi Potential Test
4 KV through 31 KV

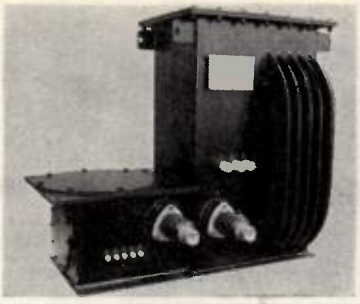

Oil Immersed—LI^2 40—34 KV Test


Air Cooled—LI^2 25—19 KV Test

PULSE TRANSFORMERS

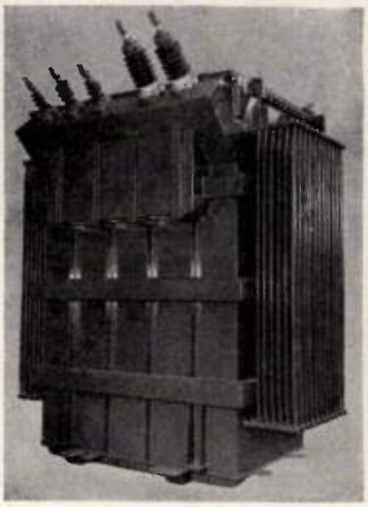
LIQUID IMMERSED

Average Power 0.5 KW through 2500 KW
Pulse Voltage Output 15 KV and above



58 KW average—50 KV peak

2500 KW average—50 KV peak



5 KW average —50 KV peak

20 KW average— 60 KV peak

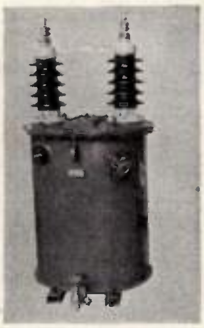
2 KW average— 30 KV peak

CHARGING REACTORS

LIQUID IMMERSED

Peak LI^2 from 1 to 100,000— 4 KV to 140 KV

1.0 hy.—1.0 amp —50 KV Test



2.0 hy.—3.5 amp —50 KV Test

.5 hy.—2.2 amp —45 KV Test

MODULATION TRANSFORMERS and REACTORS

For Amplitude Modulated Transmitters
With Radio Frequency Outputs
Of 1 Kilowatt And Above

Dry Type Reactor—10 KW

Oil Immersed Transformer —25 KW

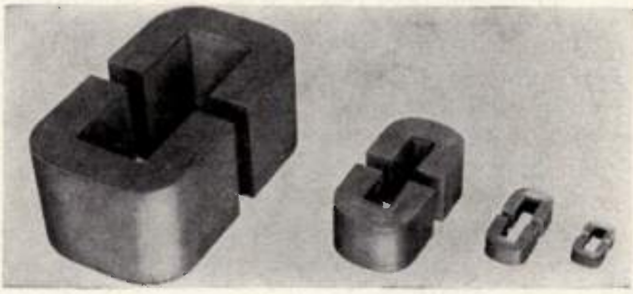
Compound Filled Reactor —1 KW

HYPERCORES

For smaller, lighter weight magnetic components, use Moloney HyperCores

Available in all sizes—1—2—4—12 Mil

Write for HYPERCORE BULLETIN No. 3850C



ME61-2

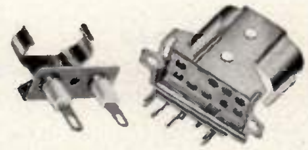
MOLONEY ELECTRIC COMPANY

ST. LOUIS 20, MISSOURI

AUGAT

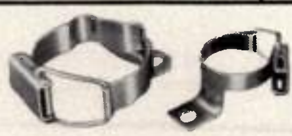
SPECIALISTS TO THE FIELD OF COMPONENT PACKAGING

SOCKET ASSEMBLIES



Top quality components combining modern packaging techniques with superior materials to give a compact unit construction. Dependable mechanical and electrical life is assured.

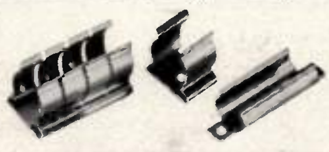
SOCKET ASSEMBLY	MICRO-MINIATURE RELAY	CRYSTAL
For use with	Crystal can relays	Crystal sizes: HC-6/U & HC-13/U. HC-18/U for .040 diameter pins or .018 wire leads. McCoy M-25 or equivalent
Contacts	Phosphor bronze, spring temper, silver plated and gold flashed.	Phosphor bronze, spring temper, silver plated and gold flashed, cadmium or tin plated. Also available in beryllium copper.
Insulation	Melamine per MIL-M-14, type MME; Diallyl Phthalate per MIL-M-14, type MDG; Low-loss mineral filled phenolic, type MFE.	DuPont's Teflon or Blue Nylon
Holding Clip	Beryllium copper or steel, cadmium plated	Beryllium copper or steel, cadmium plated



TUBE CLAMPS

Over 1,000 sizes and shapes of toggle-closing band clamps to meet every specification. Augat clamps provide a superior, non-slip means of securing tubes, capacitors, relays, etc. They are available in sizes to accommodate diameters from 0.687″ to 3.500″, plus a wide range of sizes to mount rectangular, oval and square shaped components.

Materials:	18% Nickel Silver	Type 302 St. Steel	Beryllium Copper
Finish:	Nitric Acid Dip Immunization	Passivation	Nickel Plate



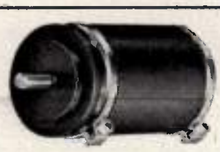
CLIPS AND CRADLES

Available in a wide variety of diameters, from 0.140″ to 1.375″, and any lengths to provide positive protection against shock and vibration, with no loss of grip due to use or temperature cycling.

Clips are manufactured for vertical and horizontal mounting with either holes for riveting or tabs for printed circuits.

Materials: Heat-treated spring steel, cadmium plated; Heat-treated beryllium copper, silver or cadmium plated.

Other finishes are available to comply with specific requests.



POTENTIOMETER RINGS

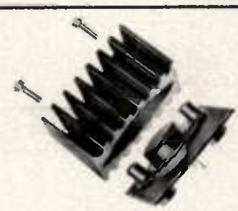
Servo Clamp Rings

Plain and serrated rings for ganging precision potentiometers and servo components. They are manufactured in a wide range of sizes to accommodate diameters from 0.645″ to 5.250″.

When clamp ring is tightened, pressure is evenly distributed around the cup circumference, preventing slippage and eliminating uneven stress. For the larger diameters, serrated rings allow for maximum and minimum tolerances between the two cups.

Materials: Stainless Steel Type 302 per MIL-S-5059

Finish: Passivation



POWER TRANSISTOR HEAT SINKS

Compact efficient heat sinks for use with TO-3, TO-36 and Westinghouse type 2N1015 outline transistors. A coating of Durafilm on the mounting base insulates the transistor and heat sink from the chassis. This heat sink may be mounted either in a vertical or horizontal position with the same outstanding performance.

Materials: Radiator — Cast Aluminum
Base Plate — Sheet Aluminum
Hardware — Stainless Steel

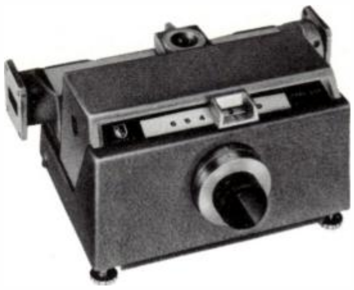
Radiating Surface: 25 square inches

AUGAT BROS., INC.
35 PERRY AVENUE
ATTLEBORO, MASS.

Our other products include:

- Test Jacks
- Power Transistor Sockets
- Socket Assemblies for S/M and Miniature Tubes
- Insulated Battery Holders
- ELASTACLAMP Sub-miniature Tube Heat Dissipators
- Panel Brackets

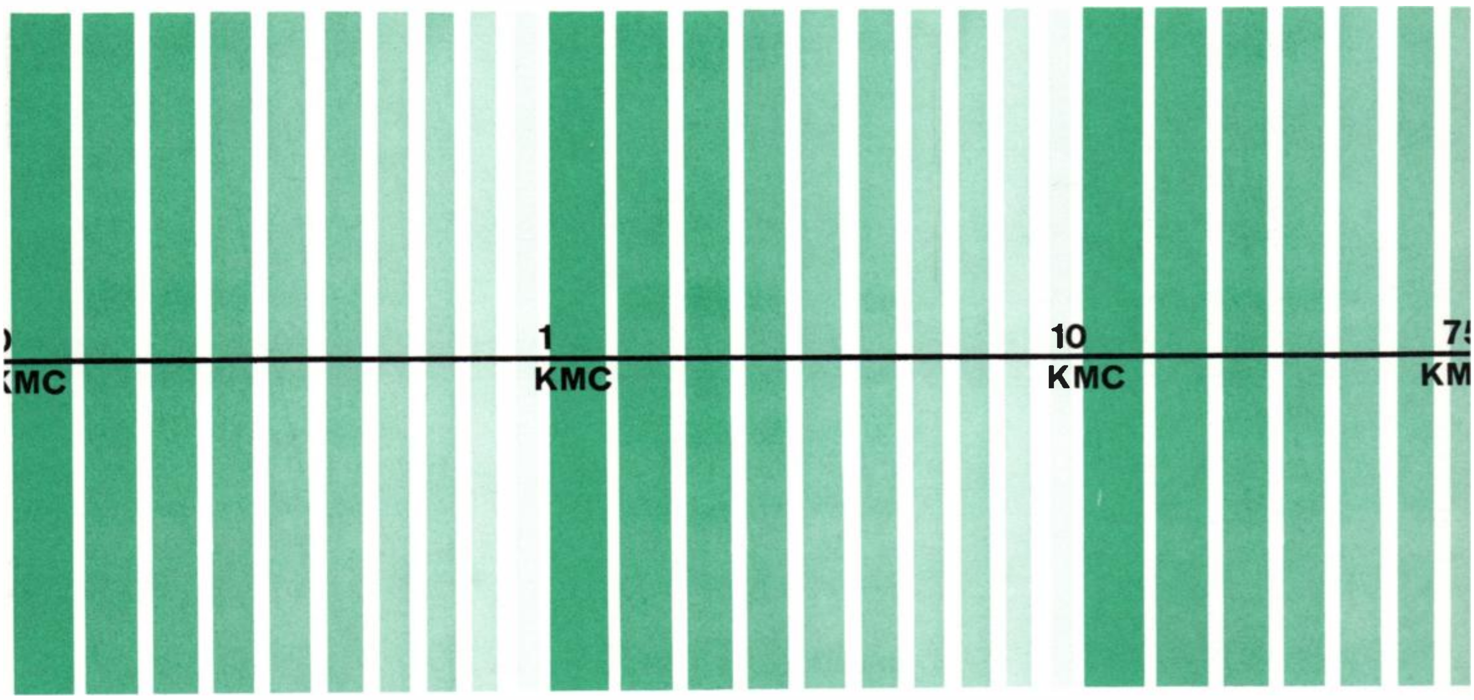
Short Form Catalog 1961 / Bulletin 800



PRD 230 Universal Probe Carriage

PRD 101 series
Broadband Attenuators

FROM DC TO MILLIMETER



precision microwave test equipment

PRD 809-A Klystron Power Supply

PRD 680 Calorimetric Power Meter

PRD ELECTRONICS, INC.
A Subsidiary of Harris-Intertype Corporation
Formerly Polytechnic Research & Development Co., Inc.
HARRIS INTERTYPE CORPORATION
202 Tillary St., Brooklyn 1, New York, ULster 2-6800
1608 Centinela Ave., Inglewood, Calif., ORegon 8-9048

most complete line of precision

Band	S		G		C		H	
WAVEGUIDE DIMENSIONS (INCHES)	3x1½		2x1		1½x¾		1¼x⅝	
FREQUENCY RANGE (kmc/sec)	2.60-3.95		3.95-5.85		5.85-8.20		7.05-10.0	
ATTENUATORS								
Broadband			G101	$490	C101	$ 340	H101	$ 340
Variable					1156	$ 75		
Precision gauge	175-B†	$375	170-B	$325	178-B	$ 300	185-B	$ 275
Precision dial	174-B†	$335	169-B	$280	177-B	$ 265	184-B	$ 235
Fixed waveguide	137	$ 75	120	$ 75	119†	$ 65	118	$ 60
Level set	171-B	$125	162-B	$125	156-B	$ 100	160-B	$ 100
	171-A	$120	162-A	$110	156-A	$ 100	160-A	$ 85
TERMINATIONS								
Fixed	129-A	$ 60	115-A	$ 50	121-A	$ 35	114-A	$ 30
Sliding	1129	$100	1115	$ 75	1121	$ 70	1114	$ 60
FERRITE ISOLATORS			1205	$270	1204	$ 245	1206	$ 230
SLIDING SHORTS	315	$150	316	$140	317	$ 130	318	$ 120
PRECISION MISMATCHES	1404	$300	1401	$225	1403	$ 175	1400	$ 150
SLOTTED SECTIONS	209-A	$590	201-A	$390	204-B	$ 340	202-B	$ 340
SLOTTED LINES*								
TUNERS: Slide screw	309-A	$150	300-A	$185	305-A	$ 150	302-B	$ 130
E-H								
ADAPTER: Waveguide to coaxial	365-A	$ 50	357	$ 40	356-A	$ 35	355-A	$ 30
DIRECTIONAL COUPLERS								
(10 db)	409	$375	410	$250	411	$ 140	412	$ 120
(20 db)			400	$250	404	$ 200	401	$ 175
BENDS AND TEES								
E Bend			450	$ 70	454	$ 50	458	$ 35
E Tee			452	$ 85	456	$ 65	460	$ 50
H Bend			451	$ 70	455	$ 50	459	$ 35
H Tee			453	$ 85	457	$ 65	461	$ 50
E-H Tee			478	$100	479	$ 85	480	$ 70
CRYSTAL MOUNTS								
Fixed								
Tunable								
BOLOMETER MOUNTS								
Tunable								
Fixed								
THERMISTOR MOUNTS	644	$125	645	$ 95	646	$ 90	647	$ 90
WAVEGUIDE STANDS					370			
BROADBAND PROBES			250-A					$145
WAVEGUIDE ADAPTERS								
FREQUENCY METERS								
Broadband direct reading			532	ON REQ.	533	ON REQ.	534	ON REQ.
Precision direct reading					555†	$1500	557†	$1500
					556†	$1500	558†	$1500
Direct reading			590-A†	$350	588-A†	$ 250	586†	$ 150
FLANGE BOLT ASSEMBLY	369-A	$4/dz.	369-B	$4/dz.	369-B	$4/dz.	369-C	$4/dz.
TUBE MOUNTS			704†	$200			702†	$ 200

ADDITIONAL MICROWAVE INSTRUMENTATION

STANDING WAVE AMPLIFIER	277-B	$ 235
KLYSTRON POWER SUPPLY	809-A	$ 350
UNIVERSAL KLYSTRON POWER SUPPLY	812	$1495
UNIVERSAL BWO/TWT POWER SUPPLY	813	$2900
UNIVERSAL POWER BRIDGE	650-B	$ 320
VHF-UHF NOISE GENERATOR	904	$ 490
SIGNAL SOURCE	L712	$1250
SIGNAL SOURCE	S712	$1050
CALORIMETRIC POWER METER	N680	$1495

COAXIAL TEST EQUIPMENT

Complete specifications on all of these products and more can be found in the giant PRD catalog. If you don't have your own copy contact your nearest engineering representative or write: **PRD ELECTRONICS, INC.**
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microwave test instruments

X		U		K		A		Q	
1x½		.702x.391		.500x.250		.360x.220		.228x.154	
8.20-12.4		12.4-18.0		18.0-26.5		26.5-40.0		50.0-75.0	
X101 154-A 195-B 196-C 140 159-B 159-A	$ 265 $ 70 $ 215 $ 180 $ 55 $ 90 $ 75	U101 188-B 187-B 138 158-B 158-A	$ 265 $ 275 $ 235 $ 60 $ 115 $ 100	K101 153-B K1180 155	$ 425 $ 325 $ 100 $ 110	A101 192-A A1180 157	$ 425 $ 350 $ 100 $ 125	193	$ 370
116-A 1116	$ 25 $ 50	131-A 1131	$ 30 $ 55	132-A 1132	$ 30 $ 65	133-A 1133	$ 35 $ 75	1103	$ 65
1203	$ 220	1208	$ 220	1209	$ 270				
319	$ 110	320-A	$ 125	312	$ 170	322	$ 150	326	$ 160
1402	$ 125	1405	$ 150	1406	$ 330	1407	$ 340		
203-D	$ 280	210-B	$ 425	211-B	$ 425	212-B	425	216-A	$1250
X231	$ 90	U231	$ 110	K231	$ 235	A231	$ 235		
303-A	$ 125	311-A 314-A	$ 130 $ 150	313-A	$ 155	312-A	$ 170	323	$ 280
354-C	$ 25								
408 402	$ 100 $ 130	413 405	$ 115 $ 200	K414	$ 175	A414	$ 195		
462 464 463 465 481	$ 30 $ 37 $ 30 $ 37 $ 50	466 468 467 469 482	$ 35 $ 45 $ 35 $ 40 $ 55	470 472 471 473 483	$ 40 $ 50 $ 40 $ 50 $ 70	474 476 475 477 484	$ 45 $ 60 $ 45 $ 60 $ 85	490 488 486 487 489	$ 50 $ 60 $ 50 $ 60 $ 80
601	$ 55	6604 616-A	$ 140 $ 175	6605 621-A	$ 140 $ 185	6606	$ 140		
		616-A 6604	$ 175 $ 140	621-A 620	$ 185 $ 115	618	$ 115	632	$ 125
643-A	$ 85	648	$ 110	607	$ 150				
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				253	$145				
				3360 3361	$ 38 $ 38	3362 3363	$ 38 $ 38		
535 559† 565† 585†	ON REQ. $1200 $1500 $ 150	536 566† 567†	ON REQ. $1500 $1500	537 568† 569†	ON REQ. $1500 $1500	538 570† 571†	ON REQ. $1500 $1500		
369-D	$4/dz.	369-E	$4/dz.						
703†	$ 130								

*For PRD 230 UNIVERSAL PROBE CARRIAGE — $160 †not full band coverage

INSTRUMENT	MODEL NUMBER	FREQUENCY kmc/sec	PRICE
Adapters "N" to 7/8 inch "C" to 7/8 inch	389 to 392 3350 to 3353	0 - 5.0 0 - 5.0	$ 53 $ 55
VHF-UHF Detector	641	0.01 - 1.0	$ 40
Bolometers	631-C;-D	0.5 -10.0	$ 25
Ferrite Isolators	1210 1211 1212	1.0 - 2.0 2.0 - 4.0 4.0 - 8.0	$ 440 $ 360 $ 410
Slotted Sections	200-C 215-A 205-A	1.0 - 5.0 1.0 - 4.0 4.0 -10.0	$ 475 $ 475 $ 475
Slotted Line*	N231	4.0 -10.0	$ 195
Standing Wave Detector	219	0.1 - 1.0	$ 580
Tuners: E-H Double Stub E-H	327 306-A 328	0.95 - 5.0 2.0 -10.0 2.7 -10.0	$ 125 $ 90 $ 125
Bolometer and Crystal Mounts	612 Series 613 622	1.0 -10.0 1.0 -12.0 1.0 -12.0	$ 145 $ 50 $ 55
Terminations	139-A 145-A 1107	0 -10.0 0 - 4.0 2.0 -10.0	$ 35 $ 100 $ 53

INSTRUMENT	MODEL NUMBER	FREQUENCY kmc/sec	PRICE
Broadband Thermistor and Bolometer Mounts	627-A 628-A	0.5 -10.0 0.5 -10.0	$ 95 $ 95
Fixed Attenuators	130 136 1100	2.0 -10.0 1.0 - 4.0 0 - 4.0	$ 45 $ 160 $ 55
Variable Cutoff Attenuators	180-A 181 198	8.2 -10.0 1.0 - 4.0 1.0 - 4.0	$ 200 $ 125 $ 150
Oscillators	701 707 706 705	2.4 - 3.6 0.95 - 2.3 3.6 - 7.3 7.0 -11.0	$ 300 $1500 $ 950 $ 950
Frequency Meters	500 504 560 560-S1 578 579 583-D 587-A	0.042-10.0 0.1 -10.0 2.4 - 3.4 2.7 - 3.7 0.925- 1.65 1.60 - 2.60 2.7 - 3.7 0.250- 1.0	On Req. $ 695 On Req. On Req. $1500 $1500 $ 650 $ 325
Directional Coupler	430 Series	0.3 - 1.0	$ 150

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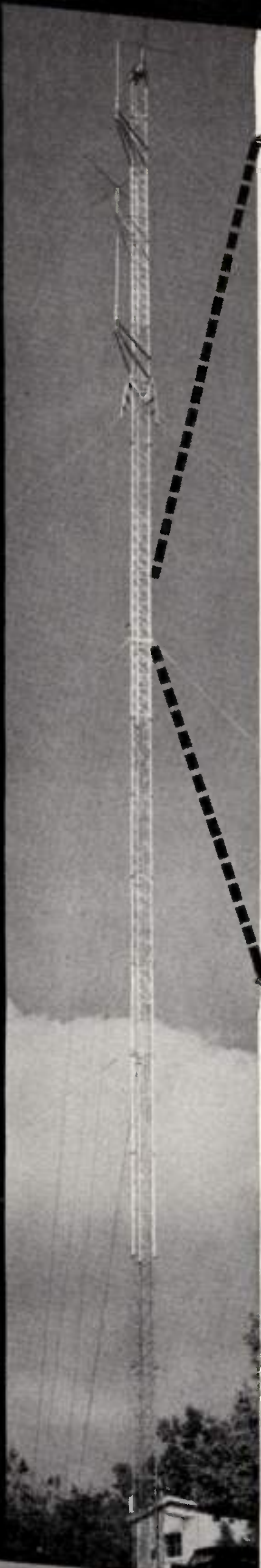
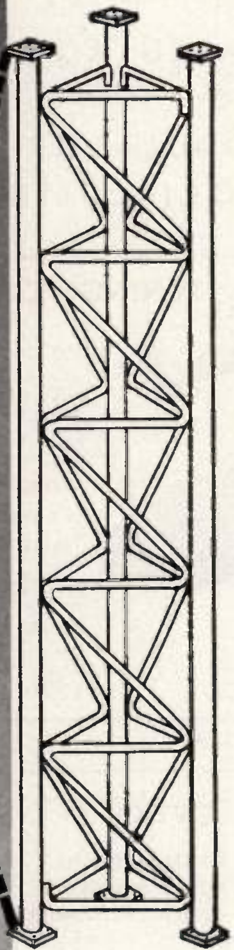
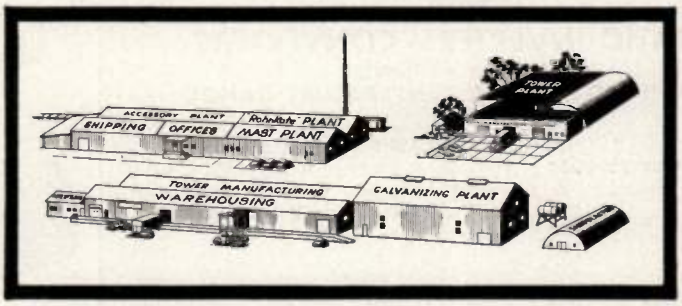
HARRIS INTERTYPE

ROHN COMMUNICATION TOWERS AND ACCESSORIES





ROHN MANUFACTURING COMPANY can supply you with a wide variety of towers suitable for most every communication or industrial need. Also, the line includes every accessory item that is needed for fully erected and completely installed towers—whether one or a system of towers. Here are the advantages that ROHN—America's largest exclusive manufacturer of towers—can offer you:



OUTSTANDING ENGINEERING All ROHN Towers are fully engineered by a qualified engineering staff to meet the most rigid requirements of all of America's major communication equipment manufacturers. Complete engineering specifications, guying data, and other information is available for every ROHN Tower.

SUPERIOR FEATURES All ROHN Towers are available in hot-dipped galvanizing **after fabrication!** Galvanizing after a tower is completely assembled is most important and gives ROHN Towers a superiority in durability that inferior towers cannot match.

ZIG-ZAG DESIGN A tried and proven design that has stood the "test of time" is the electrically welded zig-zag cross-bracing feature of ROHN Towers. All legs are **highest quality steel tubing**—not pipe or inferior grade steel. You can be confident that only the highest quality material and workmanship go into ROHN Towers.

COMPLETE LINE Today ROHN offers a wide range of towers . . . fully self-supporting models up to 170 feet or guyed models up to 500 feet—in varied designs to suit your particular needs. The right tower for the right job means savings and better performance, and ROHN offers you these benefits through their 12 full lines of towers, supplemented by complete accessories, etc. **ROHN has everything you need for a completed tower job . . .** available from **one** dependable source.

COMPLETE ERECTION SERVICE ROHN Systems, Inc. is available to give complete "packaged" tower service. Competent, trained, reliable crews under ROHN engineering guidance do the complete job for you . . . whether for one tower or dozens. Here's a way to save time, money and trouble. Let a group of tower experts handle your tower requirements!

Shown above is a section of the ROHN No. 60 Tower. This tower is suitable for guyed heights up to 500 feet. Illustrated at left is a ROHN No. 60 Tower installed to a height of 200 feet with 3 five foot side arms. Tower holds four antennas for police radio communications.

For all Tower Needs, For Information, Assistance and Cost Quotations, Contact:

ROHN *Manufacturing Company*

Box 2000
Peoria, Illinois **Phone: 637-8416**

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TUNING FORKS

300 - 4000CPS Frequency Range. .1% to .01% Frequency Accuracy. −55°C to +125°C Temperature. 28VDC Input Voltage. .5VRMS Output at Resonant Frequency. 2 to 4 ounces weight. 7/8" diameter x 2 4/5".

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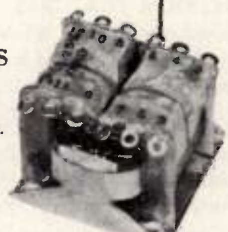

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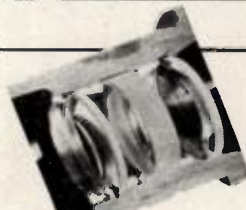

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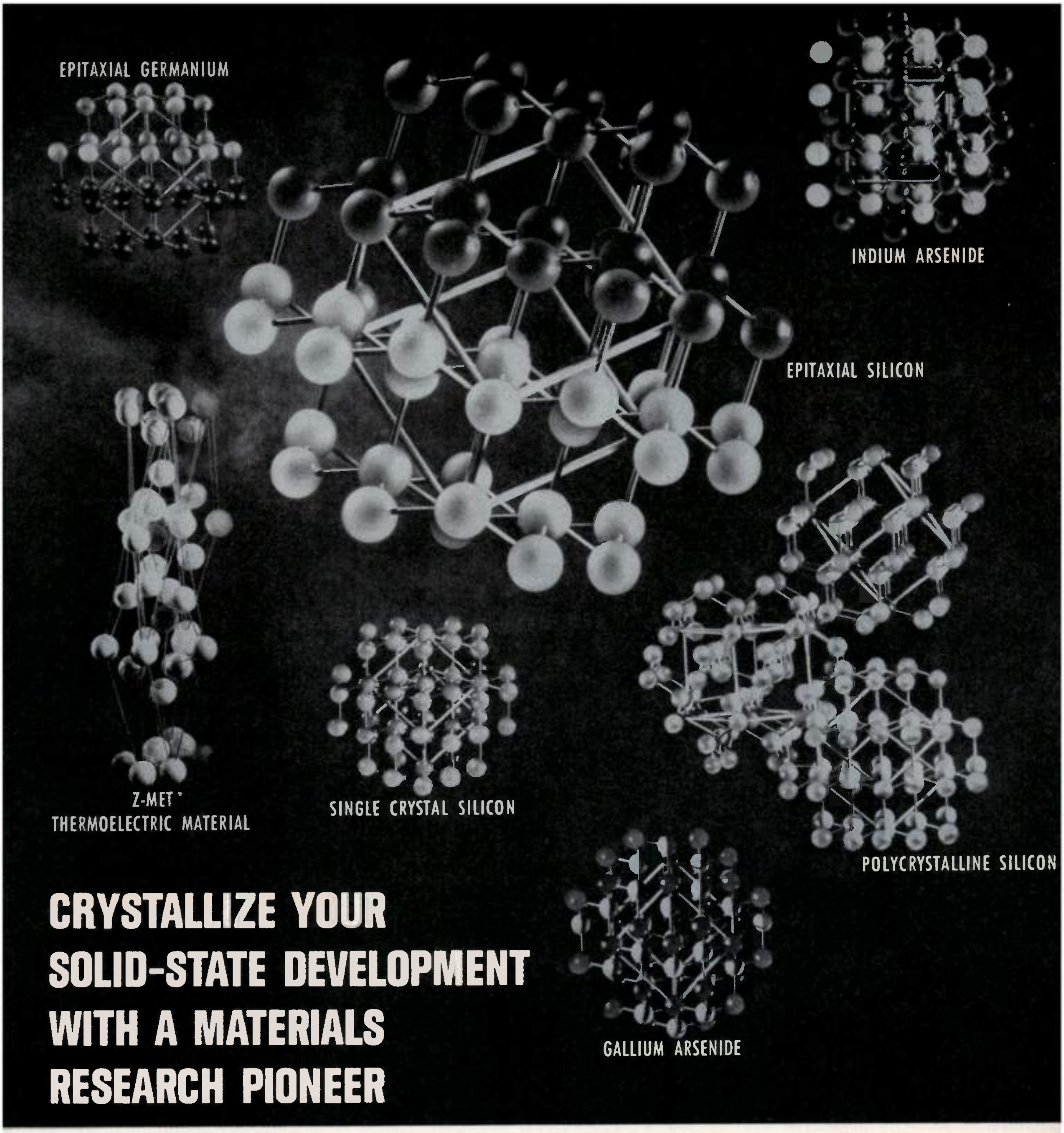

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Miniature Power Resistors

Carefully designed, precision made under stringent quality controls for critical electronic circuits where space is at a premium.

Types RS - HS - PRS - RLS - RSE
(Available with Weldable Leads)

Resistance range from .05 ohm to 175K ohms, depending on type; tolerance range from .05% to .3%

TYPE RS with axial leads in eight wattages—½, 1, 2, 2.5, 3, 5, 7, 10; ten sizes.

TYPE HS with axial leads in eight wattages -1.25, 3.75, 3, 3.25, 4.25, 6.5, 9, 13; nine sizes.

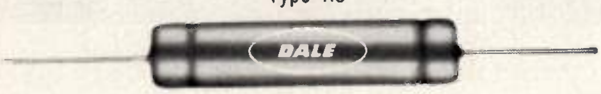
TYPE PRS with parallel leads in four wattages—3, 5, 7, 10; five sizes.

TYPE RLS with radial leads in six wattages —1, 2, 3, 5, 7, 10; eight sizes.

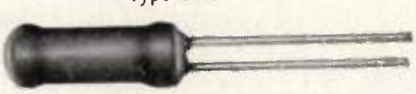
TYPE RSE in metal housing for clip mounting; five wattages—2, 3, 5, 7, 10; seven sizes.

Type RSE

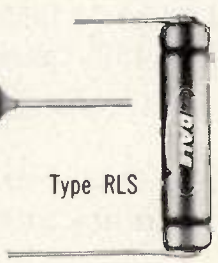
Type RS



Type PRS



Type HS



Type RLS

Ask for Bulletins R-23, R-56, R-49, R-30, R-25

Types NS - NLS

Non-inductive characteristics. Five wattages —2, 3, 5, 7, 10; six sizes. Resistance range from 1 ohm to 37K ohms, depending on size and type; tolerance range from .05% to 3%.

TYPE NS with axial leads; TYPE NLS with radial leads.

Ask for Bulletin R-34

Types RH - RHM - PH

Silicone sealed in aluminum metal housing. TYPE RH and RHM have tabs for mounting to heat sink; TYPE PH designed for mounting through hole in chassis or heat sink.

TYPE RH six wattages—5, 10, 25, 50, 100, 250; resistance range from 0.1 ohm to 175K ohms.

TYPE RHM-25—25 watts for unprecedented reliability.

TYPE PH three wattages—10, 25, 100; resistance range from 0.1 ohm to 60K ohms. Tolerance range from .05% to 3%.

Type RH

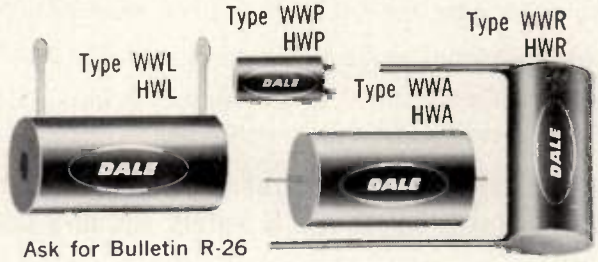
Type RHM

Type PH

Ask for Bulletins R-21, R-36

Types WW - HW

Precision, encapsulated, bobbin-type, non-inductive. HW prefix denotes high temperature characteristics. Rated at .1 watt to 2.5 watts, depending on size and type; resistance range from .1 ohm to 6 megohms; tolerance range from .02% to 3%. Available with axial leads, lugs, radial leads and parallel leads.



Type WWL HWL

Type WWP HWP

Type WWA HWA

Type WWR HWR

Ask for Bulletin R-26

DALE ELECTRONICS, INC.

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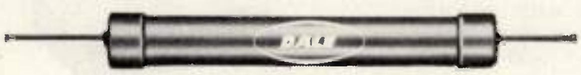
Deposited Carbon and Metal Film Resistors

(Available with Weldable Leads)

Carefully designed, precision made under stringent quality controls to assure stability and accurate, dependable performance in high frequency applications.

Type DC

Resistance range from 1 ohm to 200 megohms; tolerance 1% or higher as specified. TYPE DC in seven wattages—1/10, 1/8, 1/4, 1/2, 1, 2, 5; ten sizes.



Type DC

Ask for Bulletin R-24

Types MC - DCF - DCH (Insulated)

TYPE MC is a deposited carbon resistor completely insulated and protected from environmental and mechanical damage by molded housing; resistance range from 1 ohm to 50 megohms. Available in five wattages—1/8, 1/4, 1/2, 1, 2; five sizes in standard tolerance of 1%.

TYPE DCF has a new coating material which provides a completely insulated resistor, yet maintains sub-miniature size. Resistance range from 1 ohm to 50 megohms; six wattages—1/10, 1/8, 1/4, 1/2, 1, 2; nine sizes in standard tolerance of 1%.

TYPE DCH hermetically sealed in non-hygroscopic ceramic envelopes; seven wattages—1/10, 1/8, 1/4, 1/2, 1, 2, 5; ten sizes.

Type MC

Type DCF

Type DCH

Ask for Bulletins R-35, R-42, R-27

Type MF

Combines advantages of Dale's molding techniques with advanced high vacuum metal film procedures. It has inherently good R.F. characteristics, low noise levels, high stability, complete insulation. Resistance range from 100 ohms to 4 megohms, depending on size; tolerance 1%. Five wattages—1/8, 1/4, 1/2, 1, 2; five sizes. Temperature coefficient ±50 and ±100 P.P.M.

Type MF

Ask for Bulletin R-43

WIRE WOUND Trimmer Potentiometers

Series 1200 - 1100 - 900 - 600 - 1500 - 5000

Produced under stringently controlled conditions to assure highest quality and reliability. Welded construction throughout; sealed to protect against moisture and potting compounds.

SERIES 1200—A truly outstanding miniature T-Pot; three terminal configurations for standard or printed circuit mounting; 10 to 50K ohms; 5% tolerance; 1 watt.

SERIES 1100—Miniature, high temperature; three terminal configurations for standard mounting; 10 to 100K ohms; 10% tolerance; 1 watt.

SERIES 900—Sub-miniature, three terminal configurations for standard or printed circuit mounting; 10 to 30K ohms; 5% tolerance; 1 watt.

SERIES 600—Sub-miniature; eight terminal configurations for standard, panel or printed circuit mounting; 10 to 30K ohms; 5% tolerance; 1 watt.

SERIES 1500—Miniature, nine terminal configurations for standard, panel or printed circuit mounting; 10 to 50K ohms; 5% tolerance, 1 watt.

SERIES 5000—New sub-miniature space saving, square configuration; 100 to 50K ohms; 5% tolerance; 1 watt.

Ask for Bulletins R-51, R-50, R-59, R-60, R-61

Series 100 - 200 - 300

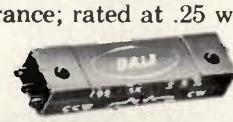
Designed to give excellent performance for normal circuit problems where economy is of prime importance, yet dependable performance is a necessity.

SERIES 100—Five terminal configurations; 10 to 50K ohms; 5% tolerance; rated at .8 watt.

SERIES 200—Five terminal configurations; 10 to 50K ohms; 10% tolerance; rated at .5 watt.

SERIES 300—Two terminal configurations; 100 to 20 K ohms; 15% tolerance; rated at .25 watt.

Ask for Bulletins R-53, R-54, R-55



DALE ELECTRONICS, INC.

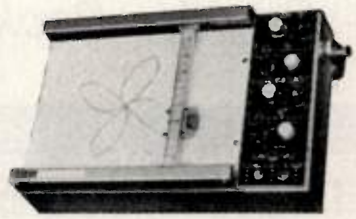
1316 28th Ave., Columbus, Nebraska

A subsidiary of Hathaway Instruments, Inc.

MOSELEY AUTOGRAF

NEW MODEL 135 XY-T* RECORDER

Ultra-compact, lightweight
Built-in calibrated X-axis time sweeps
16 calibrated ranges each axis plus stepless range control
Transistorized circuitry



The world's most compact, lightweight 8½"x11" X-Y Recorder, the Model 135 is a single instrument you can use on the bench, rack mount or carry anywhere. Dimensions are 10½"x16⅛"x4½", and it weighs only 20 lbs. Sixteen calibrated input voltage ranges each axis, 0.5 mv to 50 v/in. Half-second full scale recording speed. Built-in calibrated time sweep on X-axis, .5 to 50 sec/in. Accuracy greater than 0.20% of full scale. Vacuum paper hold down. $1375.

NEW MODEL 2DR and 2D XY-T* RECORDERS

Mounting flush with rack, the 2DR Autograf Recorder has been designed to make it today's most compact rack mount 11"x17" X-Y Recorder. 16 calibrated dc input voltage ranges, 0.5 mv/in. to 50 v/in. 8 calibrated ac input ranges, 0.1 to 20 v/in. Scale factor vernier for both ac and dc inputs. 7 calibrated sweeps on the X-axis time base. DC accuracy greater than 0.2% full scale. Built-in vacuum paper hold down. Operates with a variety of Moseley data reduction accessories. $2450.

Like the 2DR, the Moseley 2D, a benchtop Autograf Recorder, accepts ac or dc input on each axis, includes a calibrated X-axis time base and scale factor vernier, plots cartesian coordinates from electrical information, plots functions of time, operates with Moseley data reduction accessories. Convenient operating controls are located on a sloping front panel. The 2D, today's most versatile 11"x17" X-Y recorder, is readily convertible to roll chart application. $2350.

MODEL 80A STRIP-CHART RECORDER—TYPE F-2 OPTICAL LINE FOLLOWER

Model 80A precision industrial strip-chart recorder offers 6 push-button variable chart speeds. Input ranges .5 mv to 10 v/in., with 10 calibrated steps plus continuous vernier span control. Uses standard 120' chart rolls. Local or remote chart and pen control. Pen speed (max.) ¼ second full scale, chart speeds 2, 4, 6, 8, 15 and 60 in/min., or as ordered. $1750.

Type F-2 Optical Line Follower (shown mounted on Model 80A) sweeps and converts any black trace, pencil or pen lines, to electrical energy, eliminates retracing of charts with metallic inks. Incorporates Moseley-pioneered oscillating mirror-photocell principle, is specifically designed for use with Model 80A or Model 2D with roll chart accessory. $750.

TYPE 575 DIGITAL MAGNETIC TAPE PLOTTING SYSTEM

This complete Moseley data handling system plots continuous graphs from computer-prepared magnetic tape. Permits up to 100 digital to analog conversions per second, continuous plotting up to 4 inches per second. Includes point plotting capability, visual display for calibration and monitoring, automatic search mode. Approx. $29,500.

MODEL 42 DIGITAL TRANSLATOR accepts data from IBM cards, perforated tape or Model 41B Serial Keyboard, provides controls for card reader, tape reader, recorder. 4 decades of data, sign may be entered for each axis. $4500.

MODEL 43 SERIES DIGITAL-ANALOG CONVERTERS, custom-built to accept binary, binary coded decimal or decimal data for conversion to analog voltages. Any number of channels of data packagable in one unit; up to 12 bits of straight binary, up to 4 decades binary coded decimal or decimal may be provided for each channel.

Type 575 System

RECORDERS, LINE FOLLOWERS, SIMULATORS, VOLTMETERS, DIGITAL TRANSLATORS, ANALOG CONVERTERS

NEW MODEL 4B TWO-PEN XY-T* RECORDER

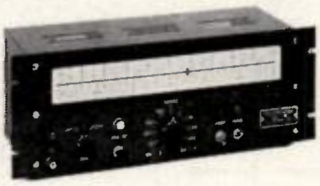
Employs three independent servos, pens to plot simultaneously two dc input signals against a third signal in cartesian coordinates on standard graph paper. Features include built-in time base on X-axis, standard rack mount, use of either 11"x17" or 8½"x11" paper with continuous vacuum hold down. $3450.

NEW DUAL CHANNEL TYPE A-1 AC/DC CONVERTER

(Rack mount also available)

Dual channel converter permits plotting AC signals, 20 to 100 KC, on standard Autograf X-Y Recorders. Eight ranges for each input channel in steps of 0.1, 0.2, 0.5, 1.0, 2.0, 5.0, 10, 20 v/in. 2 megohms input impedance on all ranges, shunted by less than 25 mfd. Accuracy, 0.5% to 20 KC, 1.0% to 50 KC, 2.0% to 100 KC. $450.

MODEL 20C SERVO VOLTMETER, DIGITIZER, PRINTER



Model 20C, a Moseley DC Servo Voltmeter, drives a Coleman Digitizer, presents a digital readout of input voltage, operating "on demand," giving a three-digit decimal readout. The unit may be coupled to numerous digital accessories for printing or punching cards or tape. The servo voltmeter has 11 voltage ranges, 3 mv to 300 v full scale. Internal standard calibration cell. Zero left and zero center adjustment feature. 0.25% of full scale accuracy, all ranges. $1275.

NEW MODEL 21 TRUE RMS VOLTMETER.

High accuracy, servo-operated, completely self-contained in rack mount form. 14 input ranges, 10 mv to 200 v in 1-2-5 attenuator sequence. Input frequency 5 cps to 5000 cps (upper limit of 100 KC sinusoidal). Input impedance 2 megohms. $2500.

NEW MODEL 2D-5 TRANSPORT DELAY SIMULATOR

Combines standard Autograf 2D X-Y Recorder with roll chart accessory and Moseley Type F-2 Line Follower carried on recorder's second arm. Easily reproduces any time delay encountered in process control or experimental laboratory. Any function can be recorded by recorder writing pen, any desired time later read back by Line Follower. Readout, a varying dc voltage always proportional to the Y coordinate of recorded curve, can be used for control purposes. Variable transport delay time, adjustable by changing separation between writing and reading arms or by changing speed of paper. $4300.

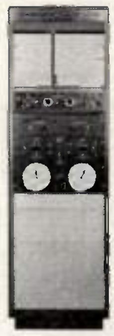
MODEL 6S AUTOMATIC CHART ADVANCE AUTOGRAF

Rack mount X-Y recorder with a capacity of 120 complete 10"x10" charts in a standard roll. Internal transport mechanism automatically positions new chart when desired. Used charts may be stored or torn off individually. 10 input ranges, each axis, .5 mv to 10 v/in. Vacuum paper hold down. Sweep circuit operates on Y-axis. $2475.

MODEL 60B LOGARITHMIC CONVERTER

Converts dc or ac input voltages to dc voltages proportional to the logarithm of the positive peak amplitude of the input voltage. For use as a computer element or in gain-frequency plotting systems for recording characteristic curves of amplifiers or resonant devices. Greater than 60 db dynamic range; 20 to 20,000 cps frequency range; normal operating speed 20 db per second; output ranges of 5, 10 and 20 db per inch; ½ db accuracy. $575.

NEW MODEL 200A TRANSMISSIBILITY PLOTTER



This system automatically plots on an X-Y recorder the ratio of the rms value of two varying ac voltages over a dynamic range of 20 db, with respect to a third varying voltage. Frequency range of 5 to 5000 cps, although voltages to be compared need not be sinusoidal. Range to 20 KC for sinusoidal voltages. Input voltage, 0.05 to 50 v rms full scale. Approx. $12,000.

NEW MODEL CFP-4 INDUSTRIAL PROGRAM CONTROLLER

Designed to generate signals which are the electrical analogs of programmed material, this rugged industrial process control instrument follows time dependent pre-recorded conducting ink curves. One or more programmers can be used to provide individual control voltages proportional to any predetermined curve as functions of time. The voltages can be used to operate a test or control process. Time sweeps in five calibrated ranges, 30 to 240 seconds for full scale operation. Other combinations of five sweeps available on special order up to 24 hours full scale travel. $1500.

*Built-in time base

Data subject to change without notice. Prices F.O.B. Pasadena

AUTOGRAF recorders

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RF

components demonstrating exceptional performance characteristics

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tunable amplifiers • bandpass filters
multicouplers • multiplexers • converters
coaxial attenuators • terminations
impedance matching transformers

Broadband RF Amplifiers

40 – 1500 mcps

Model HFW Amplifiers cover an octave of frequency. Their truly exceptional performance features low noise, high gain with low power drain.

SPECIFICATIONS
(condensed)

Freq range	40-1500 mcps
Z in/out	50 or 75 ohms
Noise figure	5-11 db
Gain	10-30 db or greater if desired

Bandpass Filters

30 – 2000 mcps

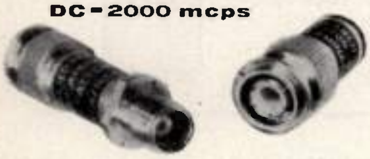
Model HFF and HFF-T Bandpass Filters are rugged, reversible in operation, remarkable in performance (which approximates theoretical expectations). Advanced filter designs are also available for antenna couplers and diplexers.

SPECIFICATIONS
(condensed)

	HFF	HFF-T
F_o, mcps	30-1000	200-2000
Bandwidth	5-25% F_o	1-15% F_o
Insertion loss	$\leqq$1 db	$\leqq$1 db
VSWR	$\leqq$1.2 in passband	

Attenuators and Terminations

DC – 2000 mcps



Impedances of 52.5 and 75 ohms
VSWR 1.2 maximum
Nominal attenuation from 1 to 20 db
BNC, TNC, or N connectors

Impedance Transformers

DC to 1000 mcps
VSWR 1.2 maximum
Minimum loss
Matching any pair of 50, 75, 93 ohms
BNC connectors

Low Noise RF Amplifiers

30 – 300 mcps

Model UH-2(A)SP Amplifiers offer broadband response, high gain, and low noise figure, with additional advantages of simplicity, high reliability, ruggedness, small size and low weight.

SPECIFICATIONS
(condensed)

Freq. range	F_o preset between 30 and 300 mcps
Gain	Greater than 20 db
Bandwidth	Up to 10% of F_o
Noise Figure	<1 db at 30 mcps to <3 db at 300 mcps

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Environmental controls within the room hold temperature to plus or minus 1°. . . with maximum relative humidity only 40%. Final air filtration into room removes particles larger than 3/10 micron. A complete air change is made every three minutes. All authorized personnel entering the room are thoroughly bathed by air showers in two successive deduster chambers.

You can benefit from New Departure's 25 years of experience in M/I ball bearing production by calling your nearby N/D Sales Engineer. Or write Department L.S., New Departure, Division of General Motors Corporation, Bristol, Conn.

*Miniature and Instrument Ball Bearings.

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MINIATURE AND INSTRUMENT BALL BEARINGS

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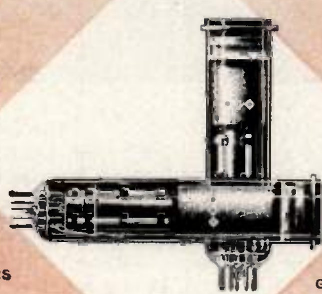
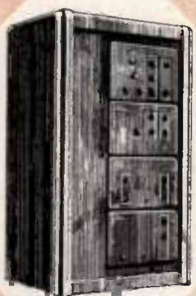
GEC INDUSTRIAL
R. F. GENERATORS



GEC VIDICONS

GEC SCAN
CONVERSION
TUBES



GEC SCAN
CONVERTERS

ADVANCED

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ELECTRONIC TUBES . . .

Vidicons with unsurpassed light sensitivity and low lag responding to all parts of the spectrum including near and far infrared.

FEATURES:

- 1 in. and larger sizes
- Electrostatic and magnetic focus and deflection
- Low power heaters
- Patented internal construction allows operation in any position

Scan Conversion Tubes provide controllable storage of input signal with simultaneous reading and writing.

GEC's Capability includes the design and development of a wide range of *pickup, conversion* and *display tubes.*

SCAN CONVERSION SYSTEMS . . .

Transistorized Scan Converters convert from any scanning format into another. One basic unit uses plug-in functional modules to provide required conversion. Modules presently available are: TV Control, PPI Control, and Slow Scan Control.

FEATURES:

- Translation of video information from one scanning mode to another
- Storage and Integration of video information
- Time-Coordinate Transformation providing expansion or reduction of bandwidth
- Rack-mounted requiring 36¾ in. of panel space
- Power consumption only 1.5 amp at 115 Vac, 60 cps
- No external power supplies are needed

GEC Monoscope Cameras, Radar Target Simulators and other system equipment are available for operating scan conversion systems.

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Induction and dielectric heating R. F. Generators are available in the very highest powers. GEC's extensive radio-frequency engineering is available to assist customers in special applications of R. F. Generators.

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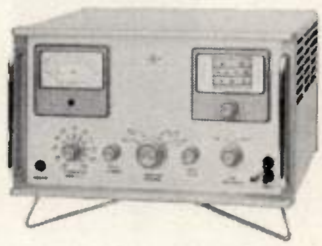
sierra

SPECIALIZED TEST AND MEASUREMENT INSTRUMENTS

FREQUENCY SELECTIVE VOLTMETERS

Sierra Model 125A

This new voltmeter, covering the 3 to 620 KC frequency range, is of modular construction, incorporates two selectivity settings and a flat voltmeter position. The narrow selectivity bandwidth is 250 cps wide at the 3 db points, and 1 KC wide at the 45 db points. The broad selectivity bandwidth is 2.5 KC wide at the 3 db points and 10 KC wide at the 45 db points. Accuracy is ± 1 db in level measurement. The accuracy of frequency measurement is ± 1 KC from 3 KC to 100 KC, and ± 2 KC from 100 KC to 620 KC. Line measurements can be made at either 135 ohms or 600 ohms balanced or unbalanced. As a frequency selective instrument the Model 125A has a measurement range from —90 to +32 dbm.
Sierra Model 158A is a broad-range voltmeter tuning 500 KC to 10 MC. It is 4 KC wide at the 3 db points. Its frequency accuracy is ± .08 MC and measurement accuracy is ± 2 db. It is designed for line measurements at 600 ohms unbalanced.



LINE FAULT ANALYZER

Sierra Model 124A

Designed for rapid location of faults on cables, transmission lines. Instantly pinpoints shorts, opens, grounds; indicates nature of fault as well as exact location. Easy to use, high resolution.

Model 124A Line Fault Analyzer operates on most OPEN WIRE power, communications lines. Direct reading, range 1/2 to 200 miles. Sweep marker continuously adjustable from 5 to 100 miles, locates faults with accuracy of 1/4 mile.

NEW IN-CIRCUIT TRANSISTOR TESTER

Sierra Model 219B

The new Sierra Model 219B Transistor Tester provides a technical breakthrough — a means for in-circuit testing, saving hours of trouble shooting and service time. Designed with a unique combination of transistor circuits, using low impedance methods, the tester will measure the Beta parameter of a transistor while it is connected in a circuit. Beta and Collector Current parameters may be measured with the transistor removed from the circuit. Test ranges are Beta 1 to 300 and I_{co} 0 to 500 microamperes. Accuracy in circuit is ± 20% for external loadings above 500 ohms, out of circuit ± 10%. Power is by internal battery (mercury or zinc carbon) with 600 hours average life span; operating temperature, 0 to 65° C; dimensions, 9" high x 7⅝" wide x 6½" deep. Test leads, transistor data booklet supplied.

MONITOR OSCILLOSCOPE

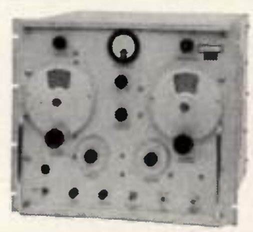
Sierra Model 218B

The new Sierra Oscilloscopes, Model 218 Series, are especially designed for continuous function monitoring of as many as seven channels simultaneously in one rack unit. Rugged and compact, the scopes provide a convenient means for viewing and evaluating complex voltages. Designed primarily for tape recording and data handling systems, the scopes are particularly ideal for measuring and analyzing mechanical quantities through a transducer.

FM SIGNAL GENERATOR

Sierra Model 201B

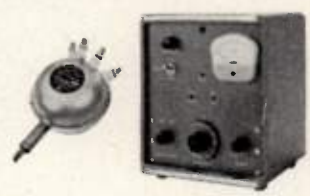
Sierra 201B FM Signal Generator covers 1300-2500 MC in one band with single direct reading control; dial accuracy is 1%. Designed specifically for use with FM systems, this instrument offers superior FM characteristics. Accepts external modulation signals having bandwidths up to 500 KC. Can be AM modulated by internal square wave 800 to 1200 cps. Residual FM from spurious hum and noise less than 10 KC peak to peak.



IONIZATION GAUGE AND AMPLIFIER

Sierra Models 193A/192B

Model 193A Ionization Gauge and Model 192B Ionization Gauge Amplifier provide convenient, dependable and accurate monitoring of pressures during processing from 10^{-4} to 10^{-7} mm Hg. Monel encased Phillips type ion gauges operate for months without attention; amplifier includes high voltage rf power supply, VTVM, heater transformer and low voltage supply.



REQUEST DATA BY MODEL NUMBERS

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Sales representatives in all major cities

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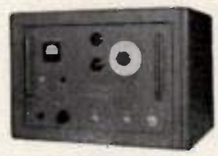
POWER SOURCES AND MEASUREMENT EQUIPMENT

NEW POWER SOURCES—25 MC to 1,000 MC — Sierra Model 215

Model 215 Series Power Sources permit fast, accurate calibration of bi-directional power monitors and termination wattmeters. Output power is adjustable from 20% to 100% of rated power, and tuning is continuous over frequency ranges. Units are self-contained including power supply, and are supplied in sturdy bench cabinets or can be rack mounted. Four models cover 25 MC to 1,000 MC; output of 50 watts ± 1.5 db.

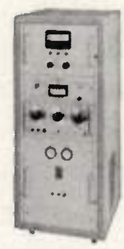


CALORIMETERS — Sierra Model 290B

Now Sierra offers two groups of calorimeters and mating water loads for both waveguide and coaxial service.

For precision measurements, new Model 290B Calorimeter includes liquid flow controls, calibration sources and metering circuits. The calorimeter measures with accuracies of greater than 1%. A closed loop circulating system with fluid pump and heat exchanger is included. Associated dual water loads providing balanced measurements are offered in standard waveguide C, XB and X Bands; a coax version covers dc to 4 KMC.

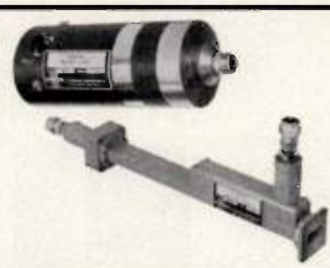
Model 190 Calorimeter and Sierra Water Loads constitute a complete system for calorimetric power measurements in the SL, S, C, XB and X Bands, measuring respectively 20 KW, 10 KW, 5 KW, 3 KW and 2 KW average. A coax model is available covering dc to 4 KMC. Model 190 Calorimeter has full scale ranges of 300, 600, 1500 and 3000 watts.



COAX AND WAVEGUIDE WATER LOADS — Sierra Models 186B/187B-X

The Model 186B Coax Water Load operates from dc to 4 KMC. It is designed for rapid heat transfer to water, excellent heat insulation to the outer cover, and high rf efficiency. The Sierra 187 Series of Waveguide Loads operate with a very low VSWR and terminate microwave powers at levels ranging from a few watts to kilowatts. Models for the SL, S, C, XB and X Bands are available; all contain heaters for calibration of the power measurement against a low frequency standard.

For calorimetric measurements with these loads use with Model 189A Thermopile which converts differential temperatures in flowing liquids to electrical energy. Output approximately 1 mv/°C.



AIR COOLED COAXIAL TERMINATIONS — Sierra Models 160-5/160-100

Compact lightweight Model 160 Series Coaxial Terminations feature stable operation over a wide frequency range and up to high ambient temperatures. High surface to volume ratio provides a very low VSWR from dc to 11 KMC (1 and 5 w versions) or 6 KMC (20, 100, 500 w versions).

TERMINATION WATTMETERS — Sierra Model 185A

Sierra 185A Series Average-Reading Termination Wattmeters are broadly useful, dependable instruments for terminating rf coaxial transmission systems or measuring rf power. They are ruggedly built, conservatively rated and ideal as dummy loads for testing and adjusting transmitters and oscillators.

Three models offer, respectively, power ranges of 0 to 5/15, 0 to 30/100 and 0 to 150/500 watts. Other specifications (all models): frequency range 20 to 1,000 MC, accuracy ± 5%, maximum VSWR 1.2, female N connectors.

BI-DIRECTIONAL POWER MONITORS — Sierra Model 164

Sierra offers bi-directional power monitors whose collective frequency ranges provide coverage from 2 MC to 1215 MC. Model 164 Series (shown): Four plug-ins provide full scale ranges of 1, 5, 10 and 50 watts, 25 to 1,000 MC. Two plug-ins provide full scale ranges 10, 50, 100 and 500 watts, 25 to 1,000 MC. Two plug-ins provide full scale ranges of 50, 100, 500, 1,000 watts, 2 through 75 MC.

Power is read directly on linear scale accurate within ± 5%. Insertion VSWR less than 1.08 (Type N connectors) except on 1 watt ranges, where VSWR is 1.15. 50 ohm impedance. Model 164 with Type N or UHF connectors, male or female.

Model 194A-A Peak-Reading Power Monitor (not shown) measures incident and reflected peak power directly, 200 MC to 1215 MC. 1, 3, 10 and 30 KW peak ± 5% full scale. From .1 μsec or 10 pps at a minimum duty cycle of .04%.

DIRECTIONAL COUPLERS

Sierra offers 6 wideband directional couplers providing, collectively, coverage from 1 to 1200 MC. Directivity is 12 db ± 3 db greater than coupling factor at each frequency; impedance is variously 50 or 51.5 ohms. All models are usable to 1,000 watts. Primary connectors are Type N female; secondary are Type N male.

LOW PASS FILTERS

Model 184 Series Low Pass Filters have an insertion loss of not more than 0.4 db in pass band, sharp cutoff, 1.5 VSWR or less, and rejection greater than 60 db from 1.25 to 10 times cut-off frequency. Five models: for cut-off frequencies of 44, 76, 135, 230, 400 MC. Power range 250 watts in pass band, 25 watts in rejection band.

CRYSTAL DETECTOR

The Sierra Model 148 Crystal Detector is a sensitive readout device for use with Sierra's line of wideband directional couplers. This device provides high sensitivity and low VSWR. Operates to 1200 MC at a maximum input power of 80 mw. 50 ohm input impedance, filtered output.

REQUEST DATA BY MODEL NUMBER

All data subject to change without notice

Sales representatives in all major cities

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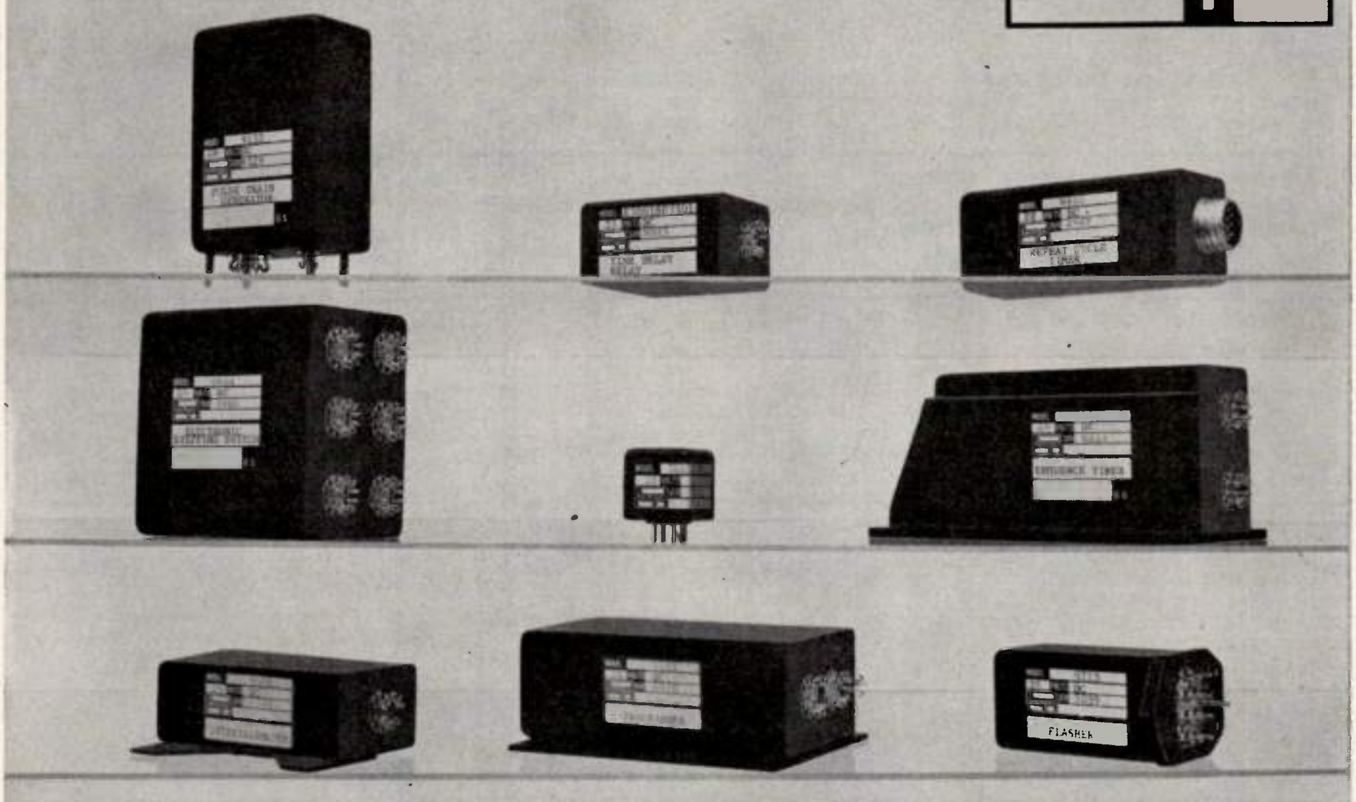


PULSE TRAIN GENERATORS. For control of various loads in a single system. Provide output signals and pulses of specified characteristics.

ELECTRONIC STEPPING SWITCHES. Operate from pulsed 28 vdc input. Deliver as many as 50 or more output voltages in sequence. Guaranteed life of one million cycles minimum.

INTERVALOMETERS. Typical operation: 300 seconds after application of 28 vdc, output relay energizes; 3 seconds later, relay de-energizes. Cycle repeats itself until supply voltage is removed.

ELECTRONIC TIME DELAY RELAYS. No moving parts except relay contacts, 2PDT-2 amp or 3PDT-10 amp ratings; fixed or adjustable time delays from .02 to 300 seconds.

SOLID STATE TIMING MODULES. Subminiature "building block" components, with timing sequence control; may be used to develop a wide range of timing and programming devices. Fixed or adjustable time periods from .00005 to 300 seconds.

PROGRAMMERS. Designed to meet particular system requirements. Typical unit may control a complete timing and sequence program covering more than 5000 seconds.

REPEAT CYCLE TIMERS. Provide multi-channel control signals, each with a timing pulse of pre-determined magnitude. Sequencing of output pulses is synchronized.

SEQUENCE TIMERS. Typical operation: Delivers sixty-four sequential pulses each of 100 milliseconds duration, starting immediately upon application of 28 vdc. Automatically stops after last pulse.

FLASHERS. Typical operation: Flashing rate of 40 cycles per minute, with a one-to-one ratio of on time to off time.

DIRECTIONAL COUPLERS • RF LOAD RESISTORS
COAXIAL TUNERS • RF WATTMETERS • VSWR METERS

MicroMatch® RF Power and VSWR measuring instruments are rugged and accurate in both field and laboratory use. The patented circuit produces an output essentially *independent of frequency*. Over 3800 models of coupler units available. MICRO-MATCH instruments meet highest government and commercial standards, combine highest quality with low cost.

RF POWER and VSWR Instruments

Model No.	Frequency Range (mcs.)	Power Range Incident & Reflected (watts)	RF Connectors and Impedance
263	0.5 - 225	0 - 10; 100; 1000	Type N* 52 ohms
706N	28 - 2000	0 - 400	Type N* 52 ohms
711N	25 - 1000	0 - 30; 75; 300	N plus 83-1R Adapters
712N	25 - 1000	0 - 2.5; 5; 10	N plus 83-1R Adapters
722N	1000 - 3000	0 - 4	Type N 52 ohms
723N	1000 - 3000	0 - 12	Type N 52 ohms
405B8	28 - 2000	0 - 4000	1⅝" Flange 51.5 ohms
445A10	20 - 2000	0 - 40,000	3⅛" Flange 50.0 ohms

DC OUTPUT DIRECTIONAL COUPLERS

Model No.	Frequency Range (mcs.)	Power Range Incident & Reflected (watts)	RF Connectors and Impedance
576N1	42 - 2000	1.2	Type N* 52 ohms
576N6	28 - 2000	0 - 400	Type N* 52 ohms
596N2	1000 - 3000	0 - 4	Type N 52 ohms
596N3	1000 - 3000	0 - 12	Type N 52 ohms
402B8	28 - 2000	0 - 4000	1⅝" Flange 51.5 ohms
442A9	28 - 2000	0 - 12,000	3⅛" Flange 50.0 ohms

RF OUTPUT DIRECTIONAL COUPLERS

Model No.	Frequency Range (mcs.)	Coupling Attenuation	RF Connectors and Impedance
313N3	300 - 2000	30 db	Type N* 52 ohms
313N5	60 - 2000	50 db	Type N* 52 ohms
442A40	200 - 1000	40 db	3⅛" Flange 50.0 ohms

ABSORPTION TYPE RF WATTMETERS

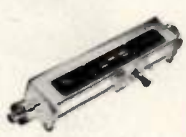
Model No.	Frequency Range (mcs.)	Power Range (watts)	RF Connectors and Impedance
621N	1 to over 1000	0 - 120 milliwatts	Type N* 52 ohms
625C5	50 - 1000	0 - 120	Type C 50 ohms
651N	25 - 1000	0 - 25; 100; 500	Type N 52 ohms
611A7	50 - 1000	0 - 1200	3⅛" Flange 50 ohms
612A	44 - 1000	0 - 6000	3⅛" Flange 50 ohms

RF LOAD RESISTORS

Model No.	Frequency Range (mcs.)	RF Power Dissipation (watts)	RF Connectors and Impedance
603N	3000	20 (air cooled)	Type N 52 ohms
633N	3000	50 (air cooled)	Type N* 52 ohms
636N	3000	600 (air cooled)	Type N* 52 ohms
638A	2000	6000 (water cooled)	3⅛" Flange 50.0 ohms

CALORIMETRIC TYPE Primary Standard of RF Power

Model No.	Frequency Range (mcs.)	Power Range	RF Connectors and Impedance
641N	0 - 3000	0 - 3; 10; 30; 100; 300	Type N 52 ohms



COAXIAL LINE TUNERS

Model No.	Frequency Range (mcs.)	Range of Correction	RF Connectors and Impedance
151N	200 - 1000	Tunes a load with a VSWR of 2.00 max. down to a VSWR of 1.00	Type N 50 ohms
152N	500 - 4000		Type N 50 ohms

*Also available with UHF, C and HH Connectors.

For more information, write:

M. C. JONES ELECTRONICS CO., INC.

185 N. MAIN STREET, BRISTOL, CONN.

SUBSIDIARY OF The Bendix Corporation

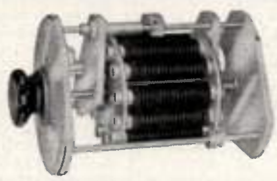
When Reliability is a must...
specify EMPIRE

NOISE AND FIELD INTENSITY METER
Model NF-105 • 14 KC to 1000 MC
Use of five quick-change tuning heads avoids costly repetition of components common to all frequency ranges. Built-in impulse generator serves as calibrator. Carrier and peak reading VTVM. Fully regulated power supply.

NOISE AND FIELD INTENSITY METER
Model NF-112 • 1 KMC to 10 KMC
Companion unit to NF-105. Four interchangeable tuning heads. Excellent shielding effectiveness. Calibration by means of built-in impulse generator. Compact. Simple to operate.

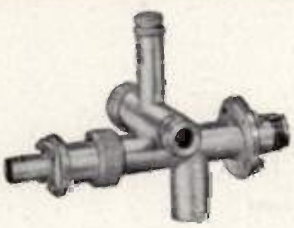
BROADBAND POWER DENSITY METER
Model NF-157
200 MC to 10 KMC
Personnel safety indicator. Average power from 0.1 mw/cm² to 2 w/cm². Complete with 3 pick-up probes. Portable. Self-contained.

AM MODULATION METER
Model MM-120 • 15 KC to 1000 MC
Indicates modulation percentage of signal generators and transmitters. RF sensitivity 0.01 volts. Two plug-in tuning units.



BROADBAND COAXIAL ATTENUATORS
DC to 4 KMC
Pads, 6 and 12 position step attenuators (manually and motor operated), attenuator panels. Many models, of 1 through 50 watts power dissipation. Large range of values. Low VSWR. Long term stability. Conservative power ratings.

VARIABLE FREQUENCY POWER SUPPLIES
Models VP-410, VP-1000
400 VA, 1000 VA
Low distortion. Excellent regulation. Quick recovery. Wide frequency range.

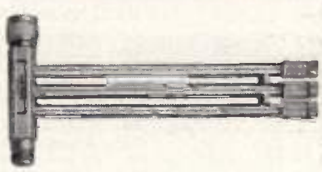


BROADBAND CRYSTAL MIXER
Model CM-107 • 225 MC to 5600 MC
Eight fixed tuned models. Low noise figure. Laboratory or production applications. Versatile.

MICROWAVE PRESELECTORS
Model CF-190
Tunable selection of desired signals from 850 to 11,000 MC by means of 4 models. Rejection of undesired signals from signal generators and other sources makes for accurate measurements and prevents receiver overload.

WIDE RANGE KLYSTRON OSCILLATORS
Model KL-280
Three models produce RF power from 1000 to 6000 MC with a minimum of unwanted radiation and spurious responses. Low noise and long service life are insured by non-contacting plungers. Available for CW and pulsed operation.

BROADBAND HYBRID JUNCTIONS
Model HJ-321
The entire range from 1000 to 8000 MC is covered by only 3 units. All four terminals are brought out for maximum flexibility. Excellent isolation between diagonally opposite terminals.



BROADBAND COAXIAL STUB TUNERS
200 MC to 10 KMC
Single, double and triple stub tuners of rugged construction. Locking nuts insure stable operation.

COAXIAL TERMINATION
Model TE-80 • DC to 10 KMC
Low VSWR throughout. Type "N" connector. Many special versions available.

Send for our Catalog 614

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EMPIRE DEVICES, Inc.
AMSTERDAM, NEW YORK • VICTOR 2-8400

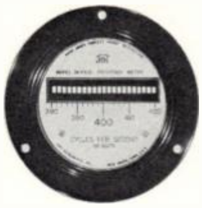
MANUFACTURERS OF: FIELD INTENSITY METERS • DISTORTION ANALYZERS • IMPULSE GENERATORS • COAXIAL ATTENUATORS • CRYSTAL MIXERS

REED FREQUENCY METERS • ELAPSED TIME METERS

TOGGLE, LEVER and ROTARY SWITCHES of Instrument and Test Equipment Quality for THE ELECTRONIC INDUSTRY

J-B-T ®

Model 30-F
Dual Range, Double Window



Model 36-FX-21
21-Reed Meter in 3½" Case

NEW! Model RR-AO2
Frequency Limit Control

ST27N

MS35058-21

Model 41-FX-42
300—500 cycles and
380—420 cycles, 4" case.

Model 15-FHAC
2-Reed in 1½" Sealed Case

Model 33-FP-9M
TS-328 A/U (400 cy. type)

MS35059-27

MS25068-27

VIBRATING REED FREQUENCY METERS

Meters illustrated are used wherever constant or known frequency is important to efficient operation of equipment.

- ***Permanently Accurate*** **within ±0.3% or better at reference temperature, depending on the model. This accuracy is not affected by poor wave form, external magnetic disturbances, or voltage fluctuations.**
- ***Size and Type for Every Service.*** **Made in many portable and panel styles and reed groupings; 12-650 cycles and above.**
- ***Rugged Construction*** **of simplified, patented design, with no moving parts to wear out or get out of calibration.**
- ***Suitable for Electronic Circuits.*** **Power consumption is comparatively low, and J-B-T reeds have high Q with prompt, sharp response.**

3½", 2½" and 1½" SEALED Types

3½" FHXX Meters, sealed glass-to-metal construction with solder terminals, meet or exceed the sealing, mounting and electrical requirements of JAN-I-6, MIL-M-6A and MIL-M-10304B, including the 3000 volt breakdown. Barrel diameter, 2¹¹⁄₁₆", depth behind flange, 2⅞"... New 2½" Models 21-FHXX and 23-FHXX now are cataloged... The 1½" Sealed Size is illustrated by Model 15-FHAC, above, 60 and 400 cycles, 2 reeds, 8-10 volts, for cathode follower circuits as in standardizing output of audio oscillators... also 15-FH Series, 5 reed, 58-62 cycles, 100-130 volts, or 390-410 cycles, 110-130 volts. Barrel, 1½" dia., detachable flange, 2.094" dia., solder terminals.

REED RELAYS AND TACHOMETERS

For selective frequency calling in the range of 50-600 cps., J-B-T makes *oscillator controls* (tone generators); also *reed relays* of single and multi-reed types. All are housed in compact plug-in cases with internal shock mounts. Bulletin 160-R ...For *frequency limit control*, J-B-T has developed a patented instrument which *indicates* frequency before and during control operation. RR-AO2 in 3½" meter case is shown above operating at 64 cy. with control points at 56 and 64 cps. and indicating band of 56-64 cps. Other bands are made in the range of 25-450 cps. Design features magnetic latching principle—no intermittent contact. See Bulletin 260-L... *Tachometers* for reading r.p.m. by resonance alone—no electrical or complicated mechanical connections—are described in Bulletin MT-458.

ELAPSED TIME METERS

For maintenance, tube life, or test time records, J-B-T elapsed (or running time) meters provide valuable information about new or existing equipment. Model 31-ES in 3" rectangular molded case (illustrated) registers in ⅒ hour steps to 9,999.9 hours, then resets automatically. Most popular, Model 31-EX, with 3½" round case, normally is stocked for 60 cycles, 110-125 volts. Variations such as 50 cycles, 230 volts, 0-99,999 hours, or 0-9,999.9 minutes are available. Newest in design, Model 31-EXW (illustrated) has wide 6 digit numerals reading to 99,999.9 hours; and resets automatically. Tenths are black on white, units white on black; case interchangeable with 31-EX.

SEALED ELAPSED TIME METERS

60 or 50 *cycle*, Model 31-EHXX, same as 31-EX above but fully sealed, with glass-to-metal construction, solder terminals, and 3½" detachable flange to match XX metal frequency meter case. 1000 volt breakdown... Model 21-EHXX, 2½" sealed 60 cycle meter has full size counter... *400 cycle,* Model 33-EHXX, 110-125 volts, has same sealed construction, but 2¾" barrel dia., 4" deep behind panel.

BUYING THROUGH DISTRIBUTORS

Purchase of standard items through authorized electronic distributors is strongly recommended. This method saves you time, cost of stocking inventory, and transportation charges.

ASK FOR CATALOG 558-F

TOGGLE SWITCHES AN, JAN, or MIL

More than 140 models of exceptional-quality toggle switches, all designed for Government specifications, now are manufactured by J-B-T. The heavy-duty models feature solid coin-silver contacts, unique to J-B-T, which add overload protection and keep contact resistance under .005 ohms. Nominal ratings are 20 amp. at 125 VAC, 10 amp. at 250 VAC, unless otherwise indicated.

ST40, 42, 50, 52 series—Single-pole and double-pole, heavy-duty, for JAN-S-23, MIL-S-21195A (Ships), and Ordnance Standards DDAX. Solder and screw terminals.

MS35058, 35059 series—Lever seal for sand, dust, and 15 ft. water submersion tests; single-pole, double-pole, heavy-duty for MIL-S-3950A (significantly modifying MIL-S-3950). Specification covers screw terminals with solderable finish.

MS25068 series—Four-pole, with lever seal, heavy-duty types; 8 models for MIL-S-3950A. Screw terminals with solderable finish.

AN3021, 3027 series—Aircraft types with lever seal, single-pole and double-pole, heavy-duty, for MIL-S-6745. Screw terminals.

ST12, 13, 16, 17, 22, 23, 26, 27 series—Medium-duty types, for JAN-S-23, MIL-S-21195A (Ships), Ordnance Stds. DDAX. Double-grip, self-cleaning contacts; current-carrying parts heavily silver-plated. Threaded bushings are ²⁵⁄₆₄" or ¼" long; solder terminals, rear or side-connected. Nominal rating 6 amp., at 125 VAC 3 amp., 250 VAC.

MS25098, 25100 series—Medium-duty types, single-pole, double-pole, for MIL-S-3950A, with lever seal for sand, dust, and 15 ft. water submersion tests. Threaded bushings ²⁵⁄₆₄"; solder terminal connections at rear. Nominal rating 6 amp. at 125 VAC, 3 amp. 250 VAC.

Design Note—MIL-S-3950A is the latest and most comprehensive specification. It ultimately is expected to supplant most of the other specifications.

For further technical information, please request Bulletin TS-6C.

FREQUENCY—ELAPSED TIME METERS

One combination meter saves panel space and does the work of two. Model 31-FE (illustrated) has 3¼" flange, metal case 4¹⁹⁄₃₂" deep; 5 reeds, 58-62 cycles. On special order 7, 9, or 11 reeds, or 50 cycles, or 3½" case (known as 31-FEX-1) can be supplied.

SEE OTHER SIDE

J-B-T INSTRUMENTS, INC. • 133 HAMILTON ST. • NEW HAVEN 8, CONN.
TELEPHONE 203—STate 7-5825

J-B-T®

INSTRUMENT AND TESTER SWITCHES

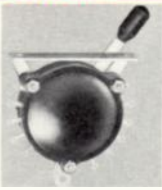
ROTARY SWITCHES

MS-14 MOLDED

SS-14 LAMINATED

For dependable performance in quality test equipment, instruments, inspection setups, and avionics, J-B-T makes 4 space-saving types—*14 positions:* $2\frac{3}{32}$" dia. MS-14 molded series, and 2" dia. SS-14 laminated series; *20-positions:* $2\frac{5}{8}$" dia. MS-20 molded series, and $2\frac{23}{32}$" dia. SS-20 laminated. 1 to 6 decks (more on special order), shorting or non-shorting. Conservatively rated 1 amp., 125 volts AC, inductive load; maximum momentary, (not make and break) 5 amp. Maximum voltage between contacts, 1500 volts R.M.S.; between decks and ground, 2000 volts R.M.S. Average contact resistance is 0.007 ohms or less.

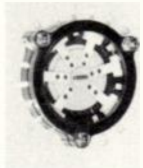
LEVER ACTION SWITCHES



Model MS-20-1L5A-1 (illustrated) provides 5 live positions, 2 circuits per deck, in lustrous black molded body. Print SK-64. A unique new variation is a similar switch, 6 positions; double-circuit; **Model** MS-20-1L6A-1 to print SK-119. Ten other 3- and 4-position lever switches use the same high-quality parts as laminated SS-14 series. For ganged-lever switches, see print SK-74 on the SSG types in 3, 4, or 5 positions, 2-10 decks.

SOME NEW IDEAS IN SWITCHES

BONDED (B)—Ruggedized versions of the MS-14 and MS-20 molded switches may be ordered with bonded construction as MS-14B- or MS-20B-. Thus, a 14 pos. two-deck switch is MS-14B-2. Cured laminations bond the adjacent decks for ruggedization, shock-proofing, and further enclosure. The additional cost of this feature is moderate.



6-POLE DT (DT)—Double-throw switching, 6 circuits per deck, becomes easy with this variation of the MS-20 switch. The illustration shows the internal construction of MS-20-1-6DT with back protective cover cut away. As in all J-B-T molded switches, sturdy construction features include 3-post deck suspension, double-grip collector arms, rectangular drive shaft thru decks for reliable indexing, and heavy, fine-silver plating for 100 hour salt spray test.

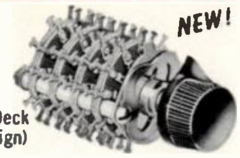
RING-CONTACT (R)—To eliminate soldering, molded MS-14R (per print SK-88) and MS-20R- (per print SK-89) switches are available on special order with the outside edge of all contacts held together by an integral ring as illustrated in the MS-20BR-1 (which coincidentally is bonded). The exclusive ring construction eliminates the need for soldering jumpers between adjacent contact positions and assures excellent connections. The rings, which add $\frac{7}{32}$" to the O.D. of the switch, can be easily cut out between contacts, making this type excellent for development work or assembly savings.

ENCAPSULATED (XX)—Send for Sketch SK-107 showing the custom-built, vaportight, gland-sealed MS-14XX variations.

ASK FOR CATALOG 558-F

SUB-MINIATURE ROTARY SWITCHES

- Nominal 1" Dia.
- 12—Positions
- MIL-Materials
- Accelerated Snap-Action Detent
- More Contacts per Deck (patented wafer design)



Series 5000 • 4-Deck • Model 52114

J-B-T Sub-Miniature Rotary Switches are designed for use in low-current applications, as in test equipment, geophysical apparatus, airborne and transistorized equipment, and in miniaturized electrical and electronic devices where savings in space or weight are important, and where performance requirements are high. They are made in 2 basic types, 5000 Series and 7000 Series.

Construction—Patented wafer design has each deck made up of 2 wafers, front and rear, on which contacts are mounted, separated by a third wafer as dielectric. These wafers are epoxy-glass fabric laminations per MIL-P-18177C GEB. Deck rotor is Steatite Grade L-4 treated with Dow-Corning DC-200, meeting MIL-I-10A. Wafer contacts are 90% silver alloy, double wiping for low contact resistance, and self-cleaning; all wafer contacts are gold plated. Frame, detent mechanism and shaft are stainless steel.

Positions-Series 7000:—Up to 12 live switching contacts on the rear of the deck, and all pole contacts on the front of the same deck.

Series 5000:—Up to 11 switching contacts and one pole contact on both front and rear of the same **dual-duty** deck.

Poles-Series 7000:—Up to 4 poles per deck.

Series 5000:—Up to 4 poles on front and 4 poles on rear of each **dual-duty** deck.

Decks-Series 7000:—1 to 6 decks, standard.

Series 5000:—1 to 4 decks, standard.

Contacts:—Non-shorting (N), or Shorting (S).

Spring Return:—(SR Types). Available in both Series with spring return to a center position from either side, or with spring return from only one side.

Lever Switches:—(L Types). Available in both Series; one to four decks.

ASK FOR BULLETIN SM-11

KEY TO REPRESENTATIVES

State	Rep.	State	Rep.
Ala.	14	Mont.	16
Alaska	2	Neb.	18
Ariz.	16	Nev.	15 20
Ark.	4	N.H.	1
Cal.	20 15	N.J.	22 12
Colo.	16	N.M.	16
Conn.	1	N.Y.	21 22
Del.	12	N.C.	14
D.C.	13	N.D.	7
Fla.	14	Ohio	5
Ga.	14	Okla.	18
Hawaii	6	Ore.	2
Idaho	16	Pa.	12 19
Ill.	18 9	R.I.	1
Ind.	3	S.C.	14
Iowa	9 7	S.D.	7
Kan.	18	Tenn.	14
Ky.	5	Tex.	11
La.	4	Utah	16
Me.	1	Vt.	1
Md.	13	Va.	13
Mass.	1	Wash.	2
Mich.	8	W. Va.	19
Minn.	7	Wisc.	9 7
Miss.	4	Wyo.	16
Mo.	18	Can.	10 17

EXPORT 23

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4 **The Crockett Sales Co.,** 2204 Griffin St., Dallas 2, Tex—RI 8-8209

5 **Chas. H. Dolfuss, Jr. & Co.,** 21st & Payne Ave., Cleveland 14, Ohio—PR 1-1270

6 **Jim Hastin Sales Co.,** P.O. Box 2098, Honolulu 5, Hawaii—HA 9-5141

7 **The Heimann Company,** 1711 Hawthorne Ave., Minneapolis 3, Minn.—FE 2-5457

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9 **Instrument Sales Co.,** 4528 W. Lawrence Ave., Chicago 30, Ill—KI 5-7777
Richmond, Ill.—Richmond 2153

10 **R. C. Kahnert Sales Ltd.,** 73 Crockford Blvd., Scarborough, Ont., Canada—PL 7-5171

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14 **James Millar Associates,** 1036 Peachtree St. N.E., Atlanta 9, Ga.—TR 6-0919

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325 Tenth Ave., W., Calgary, Alberta, Canada—65 482

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21 **Frank W. Taylor Co., Inc.,** 4455 E. Genesee, Dewitt, N.Y.—GI 6-0422

22 **D. F. Tobias & Co., Inc.,** 30 Church St., New York 7, N.Y.—CO 7-4349

23 J-B-T has representatives or licensees in Mexico, and in a number of Latin American, European and other open trading areas. Inquiries for specific countries are invited.

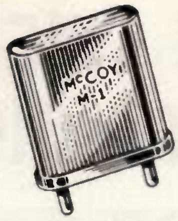
J-B-T INSTRUMENTS, INC. • 133 HAMILTON ST. • NEW HAVEN 8, CONN.

TELEPHONE 203—STate 7-5825

McCoy

CRYSTALS & CRYSTAL FILTERS

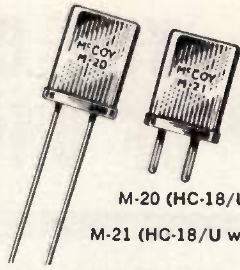
Regardless of its size, type, or frequency any crystal bearing the name McCoy can be relied upon to deliver the ultimate in frequency control despite wide temperature variations and extreme conditions of shock and vibration.



M-1 (HC-6/U)

METAL ENCASED STANDARD SIZE AND MINIATURE CRYSTAL UNITS

shown actual size

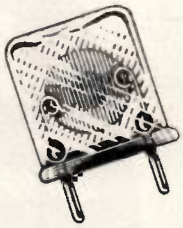


M-20 (HC-18/U)

M-21 (HC-18/U w/pins)

The crystals that made the name of McCoy a synonym for quality. Metal encased, HC-6/U size is available in frequencies from 500.0 kc to 200.00 mc.

Fills the need for miniature crystals in frequencies from 2.5 mc to 200.0 mc. Meets specs MIL-C-3098B and ARINC No. 401.



G-1 (Military HC-27/U)

ALL GLASS STANDARD SIZE AND MINIATURE CRYSTAL UNITS

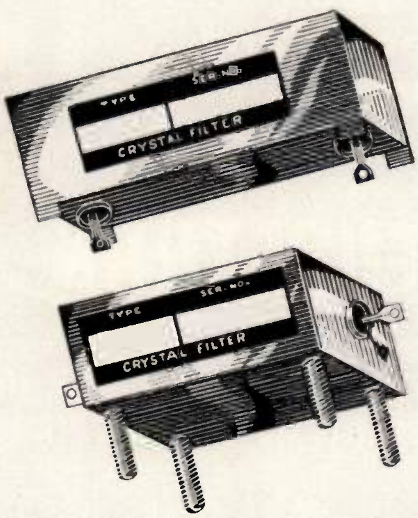
shown actual size

G-20 (Military HC-26/U)

G-21 (Military HC-29/U)

This vacuum sealed, hard glass crystal unit possesses all of the quality features for which the McCoy M-1 is so famous. It has long term frequency stability five times better than the conventional metal types. Available in frequencies from 500 kc to 200 mc.

This vacuum sealed, hard glass crystal unit meets the new CR-73/U and CR-74/U specifications. It has long term frequency stability five times better than the conventional metal type. Available in frequencies from 5000 kc to 200 mc.

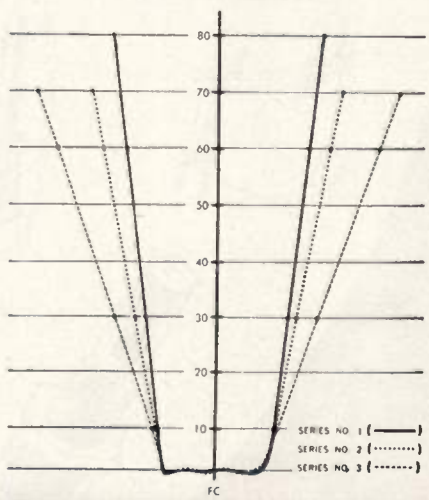


CRYSTAL FILTERS

Our many years experience in designing and producing top quality oscillator crystals have enabled us to develop and produce filters of equal desirability. Current production includes filters in the 1.0 mc to 30 mc range, with bandwidths of .01% to 4.0% of center frequency. A number are available without costly design and prototype charges.

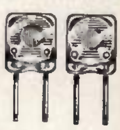
Actual Size for Series 3 Types

SELECTIVITY CURVES



See the **New!**

MICRO MODULE CRYSTALS (GLASS)



.28" square x .075" thick
frequency range: 7000 kc to 200 mc
Now available in limited quantities

Write today for our free illustrated catalogs which include complete listing of military specifications. For specific needs, write, wire or phone us. Our research section is anxious to assist you.

McCoy

ELECTRONICS CO.
Dept. E-7
MT. HOLLY SPRINGS, PA.
Phone: HUnter 6-3411

TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

QUICK REFERENCE CHART FOR HIGH-QUALITY

B-H Sleevings and Tubings

	Temperature Classification AIEE #1 (°C)	Brittleness Temperature ASTM D-876 (°C)	Dielectric Breakdown ASTM D-350 (Kv)	Resistance to Burning ASTM D-350	Pushback Mil-I-18057A	Flexibility	Standards Applicable	Cost Index
BEN HAR® 1151 HA-1	220	—85	8.0	G	E	E	ASTM D-372, NEMA VS-1 Mil-I-18057A	3.00
BEN HAR 1151 SUPER	220	—85	12.5	G	E	E	ASTM D-372 NEMA VS-1	3.30
BEN HAR 1151 HC-1	220	—85	2.5	G	E	E	ASTM D-372 NEMA VS-1	2.35
BEN HAR 1258-1	220	—85	20.0	F	E	E		3.33
BEN HAR 1258-2	220	—85	10.0	F	E	E		2.33
SILICONE VARNISH HA-1	180	—68	7.0	E	U	G	ASTM D-372, NEMA VS-1 Mil-I-3190B	3.00
LECTON* DACRON* BB-1	130	—20	4.0	F	U	F	ASTM D-372, NEMA VS-1	2.72
LECTON* GLASS BB-1	130	—20	4.0	G	U	P	ASTM D-372, NEMA VS-1 Mil-I-3190B	1.35
ACRYL-A BA-1	130	—50	8.0	F	U	G	ASTM D-372, NEMA VS-1 Mil-I-3190B	1.26
ACRYL-C BC-1	130	—50	2.5	F	U	G	ASTM D-372, NEMA VS-1 Mil-I-3190B	.95
VINYL FLEX 4000 BB-1 (equals 1 in cost index)	130	—50	4.0	G	G	E	ASTM D-372, NEMA VS-1 Mil-I-3190B	1.00
VINYL SIL 8000 BA-1	130	—50	8.0	G	G	E	Mil-I-21557, Mil-I-3190B NEMA VS-1. ASTM D-372	1.30
VINYL SIL 105 AA-1	105	—50	7.0	G	G	E	ASTM D-372, NEMA VS-1 Mil-I-3190B and UL-15253	1.49
EX FLEX BC-3	130	—68	NA	E	E	E	ASTM D-372, NEMA VS-1 Mil-I-3190B	.81
SPECIAL TREATED	250	—100	NA	E	E	E		.75
TEFTUBE (Standard Wall)	220	—68	1000+ V.p.m.	E	U	P	Mil-I-22129	8.11

E—Excellent G—Good F—Fair P—Poor U—Unusable NA—Not-applicable

BEN HAR 1151 HA-1 — A new exclusive silicone rubber formula-durasyl . . . combined with a new (pat. pend.) extrusion coating technique offers a fiberglass base sleeving with:

1. Extended temperature range — 85° to 260°C.
2. Greatly improved mechanical and physical properties.
3. Surpasses all applicable military, NEMA, ASTM standards.

BEN HAR 1151 SUPER — The ultimate in electrical, mechanical, and thermal protection. Coating thicknesses can be specified.

BEN HAR 1151 HC-1 — Reduced coating thickness. Provides all of the outstanding properties of standard NEMA Type 5, plus benefits of extrusion control.

BEN HAR 1258-1 (.035 wall) AND BEN HAR 1258-2 (.015 wall) — Unsurpassed flexibility, extreme physical toughness, 220°C continuous operating temperature. Can be dilated for conformation to wires and connections. Dielectric strength 700/900 volts per mil of wall thickness. Wall thicknesses can be specified.

SILICONE VARNISH HA-1 — Fiberglass braid coated and impregnated with silicone varnish. Unusual flexibility permits spool packaging.

LECTON* DACRON* BB-1 — Basic braid of Dacron* polyester fiber coated with Lecton* acrylic varnish for superior flexibility, contaminant free environment in sealed hermetic systems using Freon refrigerants.

LECTON* GLASS BB-1 — Lecton* acrylic varnish coated fiberglass sleeving for hermetic motor applications as above using fiberglass rather than Dacron* as supporting braid.

ACRYL-A AND ACRYL-C — Acrylic-resin coated fiberglass sleeving for application where compatibility with varnishes and wire enamels as well as flexibility are key design factors.

VINYL FLEX 4000 BB-1 AND VINYL SIL 8000 BA-1 — Superior heat life, extreme flexibility, and push-back in polyvinyl chloride coated fiberglass sleeving.

VINYL SIL 105 AA-1 — Engineered for UL recognition and identified under UL file 15253.

EX FLEX BC-3 — Will not stiffen under heat aging as with ordinary varnished sleevings. Excellent fray resistance and mechanical properties. Dielectric breakdown equivalent to dry air space provided by fiberglass wall.

SPECIAL TREATED — An unsaturated heat-treated fiberglass sleeving which resists fraying. Completely inorganic. Useful through 500° C. Dielectric breakdown equivalent to dry air space provided by fiberglass wall.

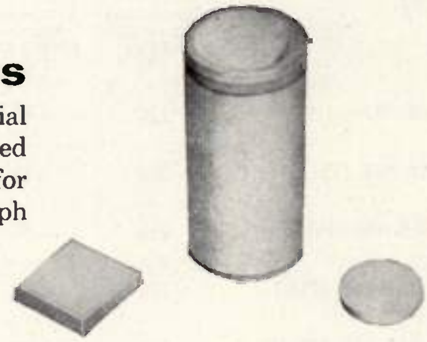
BH TEFTUBE — Teflon* extruded tubing permits design miniaturization. Its toughness and excellent electrical properties suggest the use of thinner walls. Its chemical inertness, insensitivity to temperature (—68°C to 260°C) and humidity changes over a wide range. Available in three standard wall thicknesses.

SAMPLES AND DATA SHEETS ON REQUEST . . . MENTION SLEEVING APPLICATION

*DUPONT T.M.

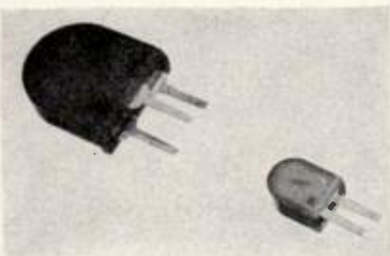
BENTLEY-HARRIS MANUFACTURING COMPANY
1300 BARCLAY STREET **CONSHOHOCKEN 4, PA.**
Telephone, Area Code 215 • TAylor 8-7600

CLEVITE ELECTRONIC COMPONENTS



PIEZOELECTRIC TRANSDUCER ELEMENTS

Discs, cylinders, plates, "Bimorphs"*, "Multimorphs"* and special shapes of Rochelle Salt, Lithium Sulfate, Ceramic "B" (stabilized barium titanate), "PZT"* (modified lead zirconate-titanate), for underwater and industrial ultrasonic transducers and phonograph pickup cartridges, "PZT" Curie Temperature > 300°C.

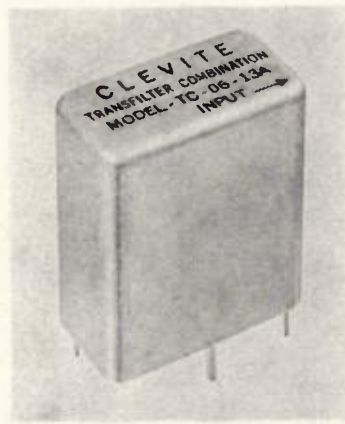


TRANSFILTERS*

Interstage Coupler (TO) and Emitter Bypass (TF) ceramic "Transfilters"* improve i-f selectivity; require no alignment; resonant frequency is stable within 0.2% for ten years and ±0.1% from −20°C to +60°C. Inexpensive and compatible with automatic assembly techniques. Standard models in 455 kc, 465 kc and 500 kc center frequency.

TRANSFILTER COMBINATIONS

Rugged, lightweight, fixed tuned ceramic bandpass filters improve selectivity in mobile and high quality commercial receivers. Standard four section and six section models at 455 kc center frequency. Bandwidths from 4 kc to 20 kc; shape factor (60/6 db) from 3:1 to 6:1; 2700 ohms input and output impedance; power insertion loss from 2 to 15 db; operating temperature range from −20°C to +90°C. Size 1.5″ x .8″ x 2.0″ high.



PIEZOELECTRIC ACCELEROMETERS

Piezoelectric, self-generating accelerometers for vibration monitoring or sensing in missile, aircraft and general industrial testing. Less than 3% side sensitivity, 1500 pf. internal capacity, 400°F continuous operation. Standard hermetically sealed 5 mv/g, 10 mv/g and 20 mv/g units have high resonant frequency for size and weight.

HIGH IMPEDANCE HEADPHONES

CLEVITE *brush* piezoelectric, high impedance headphones for language laboratory and other electronic teaching; monaural and binaural models for radio amateur, studio and home listening. High output, wide frequency response, rugged. Ideal for multiple unit installations because of negligible power consumption.

for complete information write

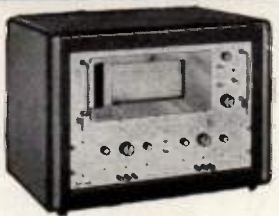
CLEVITE ELECTRONIC COMPONENTS

232 Forbes Road CLEVITE **Bedford, Ohio**

*Registered Trade Mark

brush ULTRALINEAR RECORDING SYSTEMS

Whatever you want to measure, only Brush gives you freedom of choice: ink, electric or thermal writing—curvilinear or rectilinear trace presentation—configuration. Available in 2, 4, 6 or 8 channels.



2 channel carrier multi-purpose, accepts either resistive or inductive inputs.

6 channel high gain records signals as low as 10 microvolts.

8 channel medium gain wide input range, 10 millivolts to 400v.

Select your OSCILLOGRAPHS

Frequency response . . . D.C. to 100 cps with Brush amplifiers.

Writing methods . . . . Ink, electric curvilinear, or thermal rectilinear.

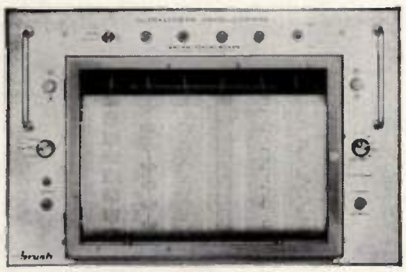
Chart speeds . . . . . . Instantaneous electric selection of up to 16 speeds, remote or on-the-spot control.

Chart take-up . . . . . External or internal, easy loading.

Mounting . . . . Rack-mounted, cart-mounted, portable and bench-top models.

Reliability . . . . Readily adaptable to MIL specifications.

ENCLOSURES	CHANNELS	WRITING METHOD & WRITING PLANE	MODEL NO.
PORTABLES	2	ink, horizontal	RD 2321 00
	2 4	ink-electric, horizontal ink, horizontal	RD 2322 00 RD 2341 00
	4 6	ink-electric, horizontal ink, horizontal	RD 2342 00 RD 2361 00
	6	ink-electric, horizontal	RD 2362 00
RACK, CONSOLE CABINET OR CART MOUNTED	2 2	ink-electric, vertical ink-electric, horizontal	RD 2622 00 RD 2722 00
	4 4	ink, vertical ink-electric, vertical	RD 2641 00 RD 2642 00
	4 6	thermal, vertical ink, vertical	RD 2644 00 RD 2661 00
	6 6	ink-electric, vertical thermal, vertical	RD 2662 00 RD 2664 00
	6 8	thermal, horizontal ink-electric, vertical	RD 2664 50 RD 2682 00
	8	thermal, horizontal	RD 2684 50
	8	thermal, vertical	RD 2684 20



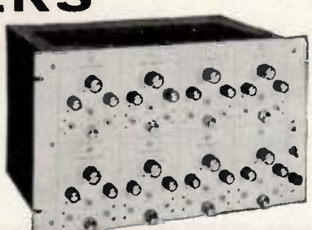
RD 2662 00

RD 2684 50

RACK MOUNTING OSCILLOGRAPHS in 2, 4, 6 and 8 channels

Select your AMPLIFIERS

six and eight channel configuration for standard 19″ rack.



new 4200 series transistor preamplifier

single and two channel configuration for standard 19″ rack mounting.

UNIVERSAL STRAIN

RD 5612 10 single channel for all resistive and inductive transducers.
RD 4622 00 dual channel strain preamplifiers for use with all medium gain systems, Mark II's.
RD 4212 00 transistorized strain preamplifiers for use with any pen drive amplifiers.

HIGH GAIN D.C.

RD 5615 11 single channel, chopper stabilized, 100 microvolt sensitivity.
RD 4625 00 dual channel, chopper stabilized preamplifier for use with any medium gain recording system, Mark II.
RD 4215 00 transistorized 100 microvolt sensitivity.
RD 4215 00 transistorized 10 microvolt sensitivity.

SERVO ANALYZER

RD 5616 11 monitors any servo system with carrier frequencies from 50 to 10,000 cps.
RD 4216 00 transistorized monitors any servo system, isolated inputs.

INDUSTRIAL ANALYZER

RD 4627 00 dual channel preamplifier: one channel high gain D.C., one channel strain—for welding analysis, etc.

MEDIUM GAIN D.C.

RD 5621 11 dual channel D.C. pen drive amplifier: 10 millivolt sensitivity.
RD 5680 11 six and eight channel plug-in D.C. amplifier: 10 millivolt sensitivity.

brush ULTRALINEAR RECORDING SYSTEMS

MARK II RECORDER

Completely self-contained recorder, plugs in anywhere for easy recording of electrical and physical phenomena, d.c. to 100 cps, ink or electric writing . . . in research . . . design and development . . . production . . . servicing . . . field test and installation.

Sensitivity	10 mv/line (mm). Full scale deflection from chart center ± 200 mv.
Measurement range	.010v. to 400v.
Input impedance	5 megohm single-ended, 10 megohm balanced.
Event channels	2, 12v. internal power source actuated by external signal.
Chart speeds	1, 5, 25, 125 mm/sec.
Power requirements	105-125v., 60 cps, 135 watts at 115v.
Net weight	32 pounds.

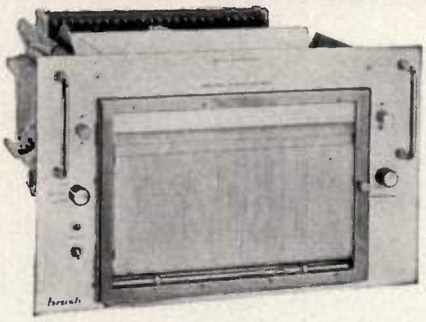
RD 2521 00 ink writing

RD 2522 00 electric writing

Convenient operation: fast paper loading without threading, pushbutton controls for 4 chart speeds.

Complete recorder with built-in, permanently calibrated amplifiers.

OPERATIONS MONITOR



Monitors 100 channels of data simultaneously

RE 3610 00

Electric writing, one millisecond response—handles up to 500 signal changes per second. Remote or on-site chart speed control.

Also available in military Model 3610 60 which completely complies with MIL-E-4158A.

RE 3303 10

30 channel operations monitor

Compact, portable, maintenance-free. Records 30 channels of on/off, go/no-go or binary data. Provides chart record of sequence, duration and time relationship of events. Less than one millisecond signal response. Handles up to 250 signal changes per second. Pulsed electric writing with fixed stylii, no moving parts. Choice of 4 chart speeds, push button controlled. Provision made for Brush Transwitchers solid-state decade boards. Eliminates electro-mechanical switching.

MILITARIZED
RECORDING SYSTEMS

Fully militarized versions of all equipment are available. Illustrated is the combination Analog and Operations Recorder providing simultaneous analog recording (D. C. to 100 cps) and ten "go and no go" sequential channels. Recording system is complete with oscillograph, amplifier and power supply. Equipment designed to comply with Mil. E-1640 Mil. E-4158, E-4970 and other pertinent specifications as required by user.

WRITE FOR LITERATURE OR, FOR APPLICATION ASSISTANCE, CONTACT YOUR BRUSH FACTORY BRANCH OR REPRESENTATIVE.

Factory branches, service and warehousing at Boston, Washington, Cleveland, Los Angeles, San Francisco, and Seattle; engineering representatives in all key locations.

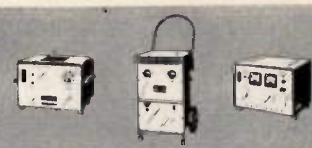
brush INSTRUMENTS

DIVISION OF

37th & PERKINS **CLEVITE CORPORATION** CLEVELAND 14, OHIO

TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

D·C POWER



CHRISTIE

CHRISTIE ELECTRIC CORP.

3414A WEST 67TH ST., LOS ANGELES 43, CALIF.

SINCE 1929
D-C POWER SUPPLIES • BATTERY CHARGERS
PLEASANT 0-1151 • TWX LA2088

K and KK: MAGNETIC AMPLIFIER REGULATED (Stavolt)

30 - 1500 amp DC output
3-phase input
1% rms ripple
*Close dynamic regulation

MODEL NUMBER	D-C VOLTS	D-C AMPS. (CONT.)	REGU-LATION ±%	RECOVERY TIME CONSTANT millisec.
MH8-50K	5½-8	50	1	100
MH8-100K	5½-8	100	1	100
MH8-200K	5½-8	200	1	100
MH8-300K	5½-8	300	1	100
MH16-50K	11-16	50	1	100
MH16-100K	11-16	100	1	100
MH16-200K	11-16	200	1	100
MH16-300K	11-16	300	1	100
MH32-50K	22-32	50	0.25	50
*MH32-100K	22-32	100	0.25	50
*MH32-200K	22-32	200	0.25	50
*MH32-300K	22-32	300	0.25	50
*MH36-50KK	15-36	50	0.25	50
*MH36-100KK	15-36	100	0.25	50
*MH36-200KK	15-36	200	0.25	50

MODEL NUMBER	D-C VOLTS	D-C AMPS. (CONT.)	REGU-LATION ±%	RECOVERY TIME CONSTANT millisec.
*MH64-100K	44-64	100	0.25	50
MH135-40K	110-135	40	0.25	50
MH135-60K	110-135	60	0.25	50
*A36-400K	26-36	400	0.25	50
*2A36-500K	26-36	500	0.25	50
*2A36-600K	26-36	600	0.25	50
*2A36-800K	26-36	800	0.25	50
*2A36-1000K	26-36	1000	0.25	50
4A31-1500K	28-29	1500	0.25	50
A36-400KK	15-36	400	0.5	100
A135-100K	110-135	100	0.5	100
2A135-200K	110-135	200	0.5	100

SCR: SILICON - CONTROLLED RECTIFIER REGULATED

Wide range 1 phase input

MODEL NUMBER	D-C VOLTS	D-C AMPS. (CONT.)	REGU-LATION ±%	RECOVERY TIME CONSTANT millisec.
BC236-30	2-36	30	0.5	50/150

A-R-T and PD: †SHUNT BALLAST SEMI-REGULATED (Rectodyne)

Tap switch adjustment
Regulation is for load variation only (at constant line)
1% rms ripple
3-phase input

MODEL NUMBER	D-C VOLTS	D-C AMPS. (CONT.)	REGU-LATION ±%	RIPPLE % rms
MH28-100A	28	100	7.5	1
†MH28-100R	28	100	2	1
†MH28-100DT	28	100	7.5	1
	14	200		1
MH28-100AV	0-30	100	7.5	1
MH28-200A	28	200	7.5	1
†MH28-200R	28	200	2	1
†MH28-300R	28	300	2	1
†H28-400R	28	400	2	1
†H28-600R	28	600	2	1
†A28-1000T	28	1000	3.75	1
MH120-20A	120	20	3	1
MH120-40A	120	40	3	1
MH120-60A	120	60	3	1
MH120-80A	120	80	3	1
MH120-125A	120	125	3	1
H120-200A	120	200	3	1

MODEL NUMBER	D-C VOLTS	D-C AMPS. (CONT.)	REGU-LATION ±%	RIPPLE % rms
MH6-200PD	1-7	200		5
	2-14	100		
MH6-300PD	1-7	300		5
	2-14	150		
MH6-400PD	1-7	400		5
	2-14	200		
MH6-600PD	1-7	600		5
	2-14	300		
H6-800PD	1-7	800		5
	2-14	400		
H6-1000PD	1-7	1000		5
	2-14	500		
H6-1200PD	1-7	1200		5
	2-14	600		

M: †SHUNT BALLAST SEMI-REGULATED (Rectodyne)

Tap switch adjustment
Regulation is for load variation only (at constant line)
1-phase input

MODEL NUMBER	D-C VOLTS	D-C AMPS. (CONT.)	REGU-LATION ±%	RIPPLE % rms
M16-100	8.5-16	100	10	Unf.
	17-32	15	6	
M32-15D	8.5-16	30	10	Unf.
	17-32	50	6	
M32-50D	8.5-16	100	10	Unf.
M32-50	17-32	50	6	Unf.

MODEL NUMBER	D-C VOLTS	D-C AMPS. (CONT.)	REGU-LATION ±%	RIPPLE % rms
†M32-15RF	28	15	3	2
†M32-50RF	28	50	3	3
M120-15D	60-120	15	3	Unf.
	36-60	30		
M120-15F	60-120	15	4	3

KG: TRANSISTOR - MAGAMP REGULATED

- Extra Close Regulation
- Special Characteristics

ALL TRANSISTOR REGULATED

Series GG

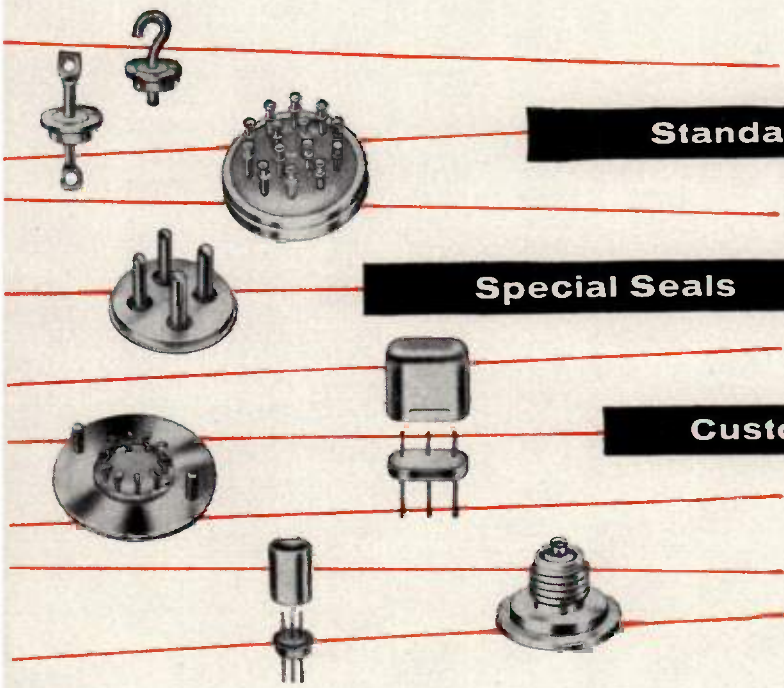
- Wide Range
- "Transient-Free"

BC and MHB: AUTOMATIC BATTERY CHARGERS

Stepless
Attendant-free
Magnetic amplifier voltage and current regulated

MODEL NUMBERS	NUMBER OF CELLS IN SERIES: Lead Acid	Nickel Cad.	Silver Zinc	Silver Cad.	Nickel Iron	Charger Amps.
BC6-15, BC6-60, MH6-125B	2-3	3-5	2-3	2-4	3-4	15,60,125
BC12-15, BC12-60, MH12-125B	4-6	6-10	4-7	5-8	6-8	15,60,125
BC18-12, BC18-25, MH18-125B	8-9	11-15	8-10	9-12	10-12	12,25,125
BC24-6, BC24-12, BC24-25	11-12	16-20	11-14	13-17	14-17	6,12,25
BC24-50, BC24-125B	11-12	16-20	11-14	13-17	14-17	50,125
BC32-12, BC32-25, MH32-125B	14-16	21-26	15-18	18-22	18-22	12,25,125
BC35-12, BC36-25, MH36-125B	18-19	27-30	19-21	23-25		12,25,125
MH42-125B	21-22	31-35	22-25	26-31	28-30	125
BC48-6, BC48-12, BC48-25	21-25	31-40	22-28	26-34		6,12,25
MH48-25B, MH48-60B, MH48-125B	24-25	36-40	26-28	32-34		25,60,125
BC120-3, BC120-6, BC120-12	52-64	80-100				3,6,12
MH120-25BS, MH120-25B, MH120-50B	52-64	80-100				25,25,50

Including semi-conductor seals, individual terminals and multiple headers are available in hundreds of standardized types that reflect the economies of mass production methods. Offer a time and money-saving solution to all but the most unusual sealing problems.



Standard Seals

Special Seals

E-I engineers will design "specials" or produce seals to your exact specifications. Custom threaded types, color coding or unusual terminal arrangements can be supplied quickly in reasonable quantities.

Custom Sealing Service

Complete facilities available for sealing assemblies of your own manufacture. Please supply sample or drawings for estimates on your sealing requirements, or ask to have a field engineer make recommendations on specific seal applications. Literature on request.

ELECTRICAL INDUSTRIES
MURRAY HILL, NEW JERSEY, U. S. A.
A Division of Philips Electronics and Pharmaceutical Industries Corp.

EI

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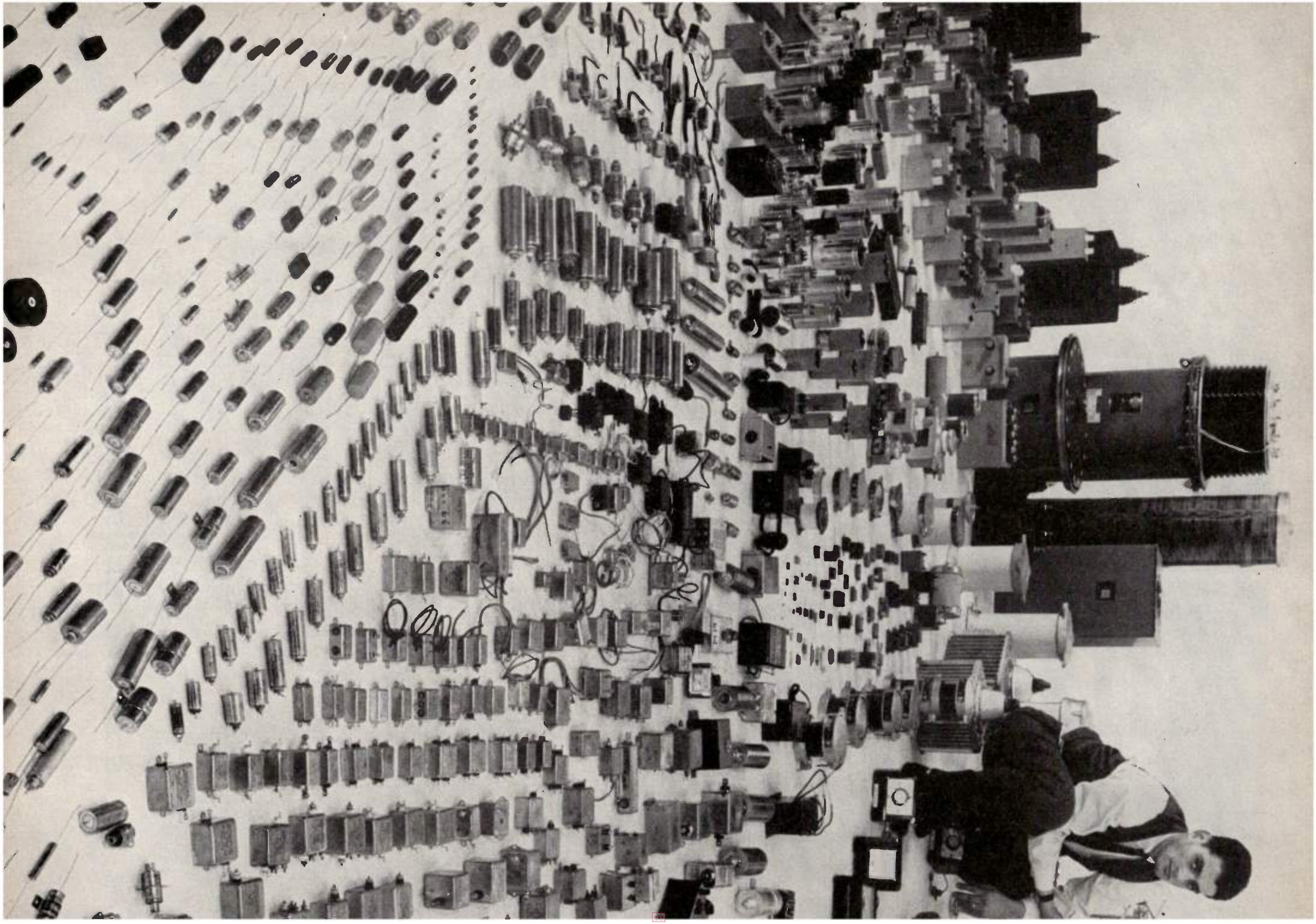


ADC TRANSFORMERS · FILTERS · REACTORS JACKS & PLUGS · JACK PANELS

Military Standard POWER Transformers—Types MS-90016 through MS-90036.

Military Standard AUDIO Transformers—Types MS-90000 through MS-90008.

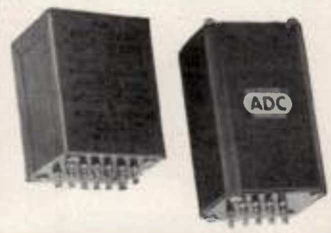
Sub-Miniature, hermetically sealed, low frequency inductors and transformers.

Transformers and filters for TRANSISTOR and PRINTED CIRCUIT applications to meet MIL-T-27A Grade 5, Class R or S.

Toroids—Hermetically sealed or open units for all frequency ranges.

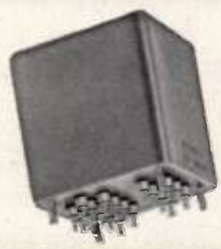
Filters—Sub-Audio to 1.5 mcs.

Telephone Coils—Mechanically and electrically interchangeable with Western Electric.



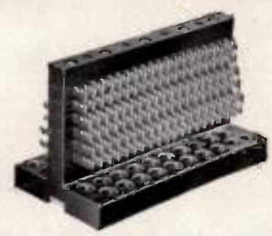
Broadcast Quality Transformers—Standard of the Industry.

Magnetic Amplifiers and Saturable Transformers—For servo motor control; DC-DC Power Supplies, and switching silicon controlled rectifiers.

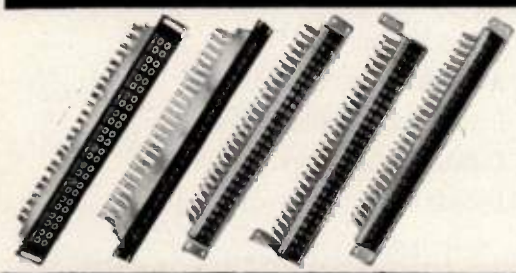


Balanced Modulators—Designs over a wide range up to 500 kcs.

Encapsulated Transformers—Using custom epoxy compounds for military and commercial applications.



Terminal Blocks—Molded to your specifications. Six popular sizes in stock.



Jack Panels—Several size panels in stock.

Plugs, Patch Cords and Jacks—Standard in the communication industry. Long frame telephone type jacks; wide variety; two and three conductor.

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TRANSFORMERS • REACTORS • FILTERS • JACKS AND PLUGS • JACK PANELS

Precision ELECTRONIC EQUIPMENT

Receiver and Microwave Test Equipment

AUTOMATIC NOISE FIGURE INDICATOR—Type 74

- Noise figure ranges
  0 to 25 ±0.5 db
  23 to 36 ±1.0 db
- 30, 60 Mc or continuous tuning of IF over 40 to 180 Mc range
- RF range 12 Mc to 40 Kmc
- Recorder outputs for NF and AGC

BROAD BAND NOISE GENERATORS—Type 70

- For automatic and manual noise figure measurements
- 12 models from 0 to 40 Kmc
- Relative excess noise temperature 15.3 ±0.25 db
- Hot-Cold Body Standard Noise Generator provides relative excess noise output 6.83 ±0.08 db over 0 to 2 Kmc range

PRECISION TEST RECEIVER Type 132

- 30 and 60 Mc Standard Frequencies
- Noise figure 1.6 db at 30 Mc; 2.4 db at 60 Mc
- Includes Type 30 precision attenuator
- Measures noise figure and selectivity
- Calibrates R-F attenuators and couplers

PRECISION I-F ATTENUATOR—Type 30

- 30 or 60 Mc standard frequencies
- Continuously variable over 80 db range
- Accuracy .005 db per db, maximum error 0.2 db

Tests crystals in the field or lab for
- Relative noise figure
- Pair-matching
- Conversion loss
- Relative sensitivity
- Tangential sensitivity

CRYSTAL TEST SETS—Type 390-A-3 (Microwave) illustrated
Type 391 (Microwave biased/unbiased) • Type 393 (video)

Special Purpose Test Equipment

- Tests audio, video and computer circuits by the "extreme values" technique
- Circuits may be tested for all anticipated low and high values for as many as 16 parameters
- Up to 6000 tests per minute
- Digital readout permits determination of circuit combinations which produce unacceptable performance

CIRCUIT DESIGN RELIABILITY TESTER—Type 90

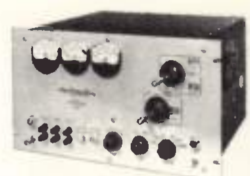
- One unit produces sine waves, square waves and pulses
- Portable, lightweight
- Battery powered
- Continuously variable amplitude and pulse width
- Frequency range: continuously variable from 30 to 36,000 cps

FUNCTION GENERATOR—Type 120

- Full-scale ranges 1.0 and 10 mw; ±5%
- R-F coverage 10 to 40,000 Mc
- Portable—battery powered

TRANSISTORIZED R-F POWER BRIDGE—Type 50

- Covers 200 to 2500 Mc in 3 bands
- Nominally 30 watts output
- Internal and external modulation



WIDE RANGE POWER OSCILLATOR—Type 124C

Parametric Amplifiers

Extremely low noise amplifiers and complete receiving systems from 400 to 10,000 mc. Tunable narrow band and fixed tuned wide band (10%) models available. Excellent amplitude and phase stability with single control tuning. We invite your inquiry.

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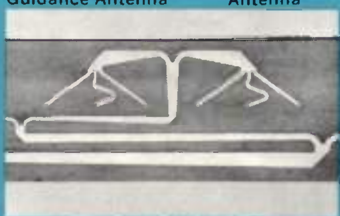
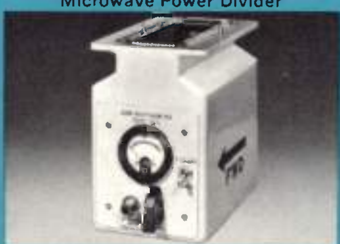
To Extend Your Project Horizons


ECM Systems


High Speed Command Guidance Antenna


L Band Navigation Antenna


Microwave Power Divider


RF System Test Set

Whatever your program, D&M can provide specialized engineering talent to come up with practical, proveable answers . . . not just to hand them over on a silver platter either, mind you . . . but to act as an extension of your own project team. And behind this capability stands the entire D&M organization, drawing on the experience of outstanding research and development in the fields of:

- Electronic Countermeasures Systems
- Antennas for Aircraft, Missiles and Satellites
- Specialized Microwave Components
- Electronic Control Systems
- Ground Support Equipment
- Complete RF Systems

These efforts are reflected in such varied notable accomplishments as the development of the first Annular Slot Antenna; design and delivery of a special missile antenna in less than 10 days; the development and production of an ECM direction finder system covering a 20:1 bandwidth in a single unit; and the design of a hand-carried test set to measure RF performance of transmitter, transmission line and antenna.

To find out how this broad spectrum of specialization can contribute to your program requirements, write to Director of Marketing at our New York office.

Excellent positions in an organization with ever-growing horizons, are available for qualified engineers. Contact Director of Personnel.

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29 NEW YORK AVE., WESTBURY, L. I., N. Y.

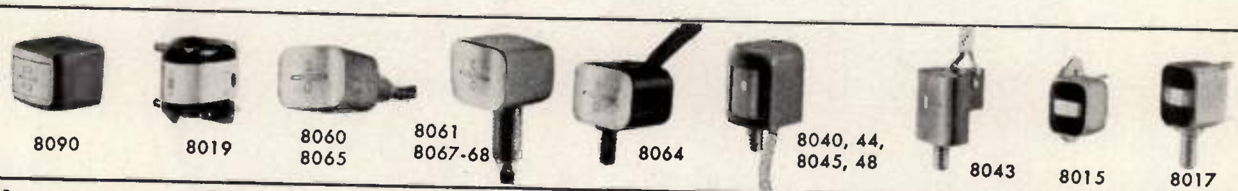
Aerospace Antenna Systems Division — 9730 Cozycroft Ave., Chatsworth, California
Overseas Representative — Collins Radio International, C. A., P. O. Box 1891, Dallas 21, Texas

DYNAMŪ® magnetic recording heads by Maico

There's a DYNAMŪ recording head to fit almost any production application. Maico engineers have designed them in a choice of frequency responses to fit any application from dictating machines to professional high-fidelity equipment. DYNAMŪ heads come in sizes and mountings to fit commonly used brackets. They use common impedances (which can be varied if desired).

DYNAMŪ's careful manufacturing and 100% inspection, with the resulting closely held tolerances, virtually eliminate rejections on your production line. Long life is built in, particularly in the metal-faced models designed for long, continuous use. Frequency response is stable because of the balanced design of DYNAMŪ heads.

DYNAMŪ erase heads, also designed to fit existing circuitry and hardware, provide clean erasure with low current requirements.



8090 · 8019 · 8060 8065 · 8061 8067-68 · 8064 · 8040, 44, 8045, 48 · 8043 · 8015 · 8017

Catalog Number	Head Type	Track Width	Track Spacing	Core	Face	Gap	Impedance (Ohms)	Current for 60db Erase	Inductance	DC Res. (Ohms)	Crosstalk	Termination	Mounting
QUARTER-TRACK STEREO													
8090	Record/reproduce	0.043	0.093	Laminated	Metal	.00008	Hi-Z	....	800mh @ 1KC	400 @ 20°C.	-55db 3V @ 1KC	Four .050 pins	Universal
8019	Double gap erase	0.055	0.071	Solid	Metal	.005	2,000 @ 60KC	17ma	10.5mh @ 1KC	46	*	Four .050 pins	2 side #2-56 studs
* 0 db erase on other tracks with 17ma erase applied to one track.													
HALF-TRACK STEREO													
8060	Record/reproduce	0.070	0.090	Solid	Metal	.00015	80,000 @ 60KC	....	1000mh @ 1KC	420 @ 20°C.	-50db 3V @ 1KC	14½" 2-cond. shielded	rear #¼-28 stud
8061	Record/reproduce	0.070	0.090	Solid	Metal	.00015	80,000 @ 60KC	....	1000mh @ 1KC	420 @20°C.	-50db 3V @ 1KC	14½" 2-cond. shielded	bottom #¼-28 stud
8064	Record/reproduce	0.070	0.090	Solid	Metal	.00015	80,000 @ 60KC	....	1000mh @ 1KC	420 @ 20°C.	-50db 3V @ 1KC	10" 2-cond. shielded	bottom #6-28 stud
8065	Record/reproduce	0.070	0.090	Solid	Metal	.00015	50,000 @ 60KC	....	650mh @ 1KC	350 @ 20°C.	-50db 3V @ 1KC	14" 2-cond. shielded	rear #¼-28 stud
HALF-TRACK MONAURAL													
8040	Record/reproduce	0.090	....	Solid	Epoxy	.00015	35,000 @ 60KC	....	300mh @ 1KC	275 @ 20°C.	....	13" 2-cond. shielded	bottom #6-32 stud
8043	Rec./repro (no cover)	0.090	....	Solid	Epoxy	.00015	35,000 @ 60KC	....	300mh @ 1KC	275 @20°C.	....	8" 2-cond. shielded	bottom #6-32 stud
8044	Record/reproduce	0.090	....	Solid	Epoxy	.00015	50,000 @ 60KC	....	300mh @ 1KC	300 @20°C.	....	13" 2-cond. shielded	bottom #6-32 stud
8045	Record/reproduce	0.090	....	Solid	Epoxy	.00015	50,000 @ 60KC	....	300mh @ 1KC	300 @20°C.	....	12" 2-cond. shielded	bottom #6-32 stud
8048	Record/reproduce	0.090	....	Solid	Metal	.00015	35,000 @ 60KC	....	300mh @ 1KC	275 @20°C.	....	13" 2-cond. shielded	bottom #6-32 stud
8067	Record/reproduce	0.070	....	Solid	Metal	.00015	80,000 @ 60KC	....	1000mh @ 1KC	420 @ 20°C.	....	8½" 2-cond. shielded	bottom ¼#-28 stud
8068	Record/reproduce	0.070	....	Solid	Metal	.00015	80,000 @ 60KC	....	1000mh @ 1KC	420 @ 20°C.	....	10½" 2-cond. shielded	bottom #¼-28 stud
8015A	Double gap erase	0.125	....	Solid	Epoxy	.005	8,500 @ 50KC	12ma	....	....	....	Lugs	side wing two #2 holes
8015B	Double gap erase	0.125	....	Solid	Epoxy	.005	1,400 @ 50KC	30ma	....	....	....	Lugs	side wing two #2 holes
8015D	Double gap erase	0.125	....	Solid	Epoxy	.005	11,000 @ 50KC	10.5ma	....	....	....	Lugs	side wing two #2 holes
8017A	Double gap erase	0.125	....	Solid	Epoxy	.005	8,500 @ 50KC	12ma	....	....	....	Lugs	bottom #6-32 stud
8017B	Double gap erase	0.125	....	Solid	Epoxy	.005	1,400 @ 50KC	30ma	....	....	....	Lugs	bottom #6-32 stud
8017C	Double gap erase	0.125	....	Solid	Epoxy	.005	1,400 @ 50KC	30ma	....	....	....	11" leads	bottom #6-32 stud
8017D	Double gap erase	0.125	....	Solid	Epoxy	.005	8,500 @ 50KC	12ma	....	....	....	7½" leads	bottom #6-32 stud
8018	Double gap erase	0.125	....	Solid	Epoxy	.005	8,500 @ 50KC	12ma	....	....	....	7½" leads	Universal

NOTES: All the above heads can be supplied with different impedances and lead lengths. Specifications are subject to change for product improvement without notice.

CUSTOMIZED MODIFICATIONS of standard DYNAMŪ heads can be made to meet your special requirements for commercial recorders. Maico also supplies special DYNAMŪ heads for telemetry, digital or other military and industrial instrumentation applications. We welcome an opportunity to consult with you on any special requirement you have.

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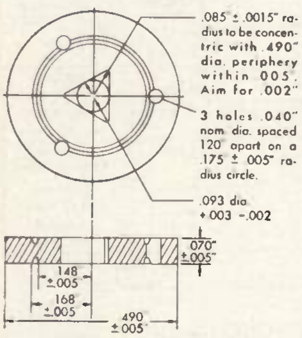
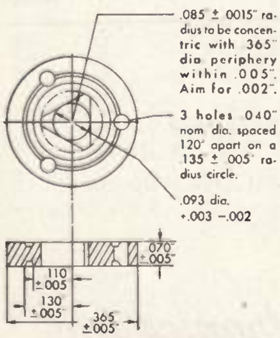
SUPERIOR LEADS THE WAY

DIMENSIONS



.490 in. dia. ceramic



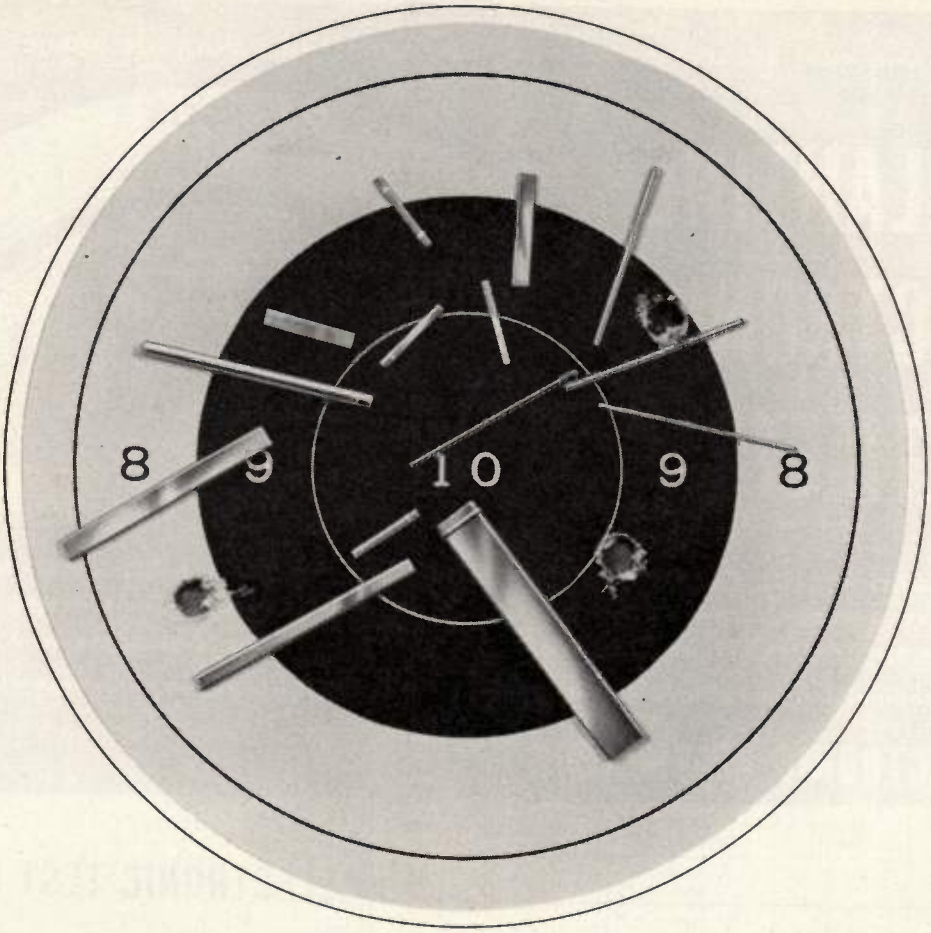
.365 in. dia. ceramic

New triangular hole disc cathodes This is Superior's development to speed warmup of cathode ray tubes. The cathode shank touches the ceramic at only three points. Actually there is 60% less contact area than with round hole ceramics. So heat does not escape as fast. The cathode warms up faster. The TV picture comes on quicker. Obviously this low heat loss is especially desirable wherever 300 and 450 ma heaters are used. In this design, the crimping of the embosses during manufacture creates a locking key effect in the triangular hole to resist rotation of the cathode shank. And the 3-point contact provides no axis for rocking action to take place. Triangular hole disc cathodes are available now in miniature (.090 in. OD shank) in both .490 in. and .365 in. diameter ceramics.

Standard disc cathodes Superior standard disc cathodes feature separate cap alloy for optimum emission and life, flare at shank opening for easy heater insertion and shadow groove in ceramic. Available in models for 90° (EDI-2) and for 110° (EDI-5) beam deflection.

Miniature disc cathodes Superior's miniature disc cathodes provide a satisfactory electron beam for most cathode ray tubes with only ½ to ¾ the heater power required by the standard disc cathodes. Available with either .490 in. or .365 in. diameter ceramics and standard "E" dimensions, the miniature cathodes can replace the standard disc cathodes in almost any cathode ray gun structure.

Subminiature disc cathodes A new type cathode —EX-143—with even smaller dimensions than the miniature disc cathodes. A number of applications are being developed now. Write for specifics.



IN CATHODE PROGRESS

Alloy X-3012 — Composition	
Tungsten	1.75/2.25%
Zirconium	.05/ .10%
Silicon	.01% max.
Magnesium	.01% max.
Iron	.10% max.
Manganese	.10% max.
Copper	.05% max.
Carbon	.08% max.
Titanium	.01% max.
Nickel plus cobalt	Balance

Physical Properties	
Density	0.325 lb./cu. in.
Temp. coef. of resistance	0.00202 ohm/ohm/°F (68-212°F)
Electrical resistivity	73.60 ohms/cmf (68°F) 151.6 ohms/cmf (1000°F)
Coef. of thermal expansion	8.43 in./In./°F (77-810°F)$\times 10^{-7}$

New all-purpose cathode alloy Superior's new X-3012* Alloy combines both the high emission capacity of active alloys and the long life normally associated with passive alloys. In addition, sublimation and interface impedance are reduced practically to zero. The alloy has twice the hot strength of ordinary nickel alloys. It can take high current and overvoltage abuse. X-3012 was developed in Superior's laboratories. It is available in both sleeve and disc types.

Cathaloy® series This is a series of cathode alloys developed by Superior Tube Company. They cover the requirements of any cathode application, and offer certain properties not available in other cathode alloys. The following are abbreviated descriptions of four cathaloy alloys.

Active

Cathaloy A-31†. Approximately twice as strong as tungsten-free alloys (4% W-Ni).

Cathaloy A-32. Approximately 50% stronger than tungsten-free alloys (2% W, .05% Al-Ni).

Passive

Cathaloy P-50. The only pure nickel analysis commercially available in Seamless/WELDRAWN‡ and Lockseam†/Lapseam.

Cathaloy P-51. 100% stronger than Cathaloy P-50. Seamless/WELDRAWN and Lockseam/Lapseam.

Standard cathode alloys Superior can supply cathodes in any of three basic forms: Seamless/WELDRAWN, Lockseam/Lapseam, and disc cathodes. Available in a wide variety of size combinations to cover any application requirements. Standard active alloys in wide use for years include these:

INCO 220 ......Low silicon, low magnesium
INCO 330 ......Low silicon alloy
INCO 225 ......High silicon alloy
D-H 599 ....High silicon, very low magnesium
D-H 799 ....High silicon alloy

*U.S. Pat. #2,883,647 (Superior Tube Co.)
†Manufactured under U.S. Patents
‡Superior Tube Co. trademark, reg. U.S. and Canada

Superior Tube

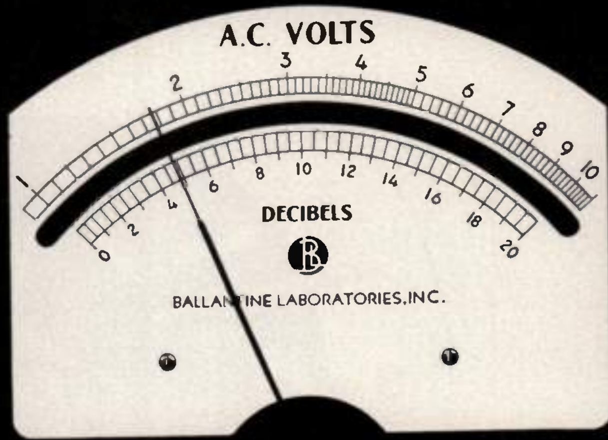
The big name in small tubing

NORRISTOWN, PA.

Johnson & Hoffman Mfg. Corp., Mineola, N.Y.—an affiliated company making precision metal stamping and deep-drawn parts.

SAME HIGH ACCURACY OVER ENTIRE LOGARITHMIC VOLTAGE SCALE

BALLANTINE ELECTRONIC VOLTMETERS



AC/DC Calibrators, Capacitance Meter, AF Amplifiers, DC/AC Inverters, AC/DC Converters, and Accessories to extend Voltage Range from 10 Microvolts to 28,000 Volts. Laboratory Standards for Voltages to 1,000 MC.

Available in Cabinet and Rack Models. Prices F.O.B. Boonton, N. J., subject to change without notice.

ELECTRONIC VOLTMETERS

MODEL	FREQUENCY RANGE	VOLTAGE RANGE	INPUT IMPEDANCE	ACCURACY	PRICE
300	10 cps-150 kc	1 mV-100 V	0.5 MΩ shunted by 30 pF	2%	$220
300D	10 cps-250 kc	1 mV-1000 V	2 MΩ shunted by 15 to 25 pF	2%	$255
300E	30 cps-100 kc	300 μV-300 V	2 MΩ shunted by 20 to 30 pF	2%	$260
300G	10 cps-250 kc	1 mV-1000 V	2 MΩ shunted by 10 to 25 pF	1% 20 cps-20 kc, 1 mV-250 V; 2% elsewhere	$315
302C Battery Operated	2 cps-150 kc	100 μV-1000 V	2 MΩ shunted by 10 to 25 pF	3% 5 cps-100 kc; 5% elsewhere	$255
305A Peak Reading	5 cps-500 kc, sine waves. Pulses 0.5 μs up, and 5 pps up	1 mV-1000 V Peak or Peak-to-Peak	2 MΩ shunted by 5 to 15 pF	2% sine waves, 20 cps-200 kc; 4% elsewhere; 3% pulses above 3 μs and 100 pps; up to 5% elsewhere	$415
310A	10 cps-2 Mc; 5 cps-4 Mc as a null detector	100 μV-100 V (Down to 40 μV as null detector)	2 MΩ shunted by 9 to 19 pF	3% 15 cps-1 Mc; 5% elsewhere	$250
314 Wide Band	15 cps-6 Mc	1 mV-1000 V (100 μV-1 mV without probe)	11 MΩ shunted by 8 pF with probe, or 1 MΩ shunted by 25 pF without probe	3% 15 cps-3 Mc; 5% elsewhere	$300
316 Infrasonic	0.05 cps-30 kc; 0.01 cps with corrections supplied	0.02 V-200 V Peak-to-Peak	10 MΩ shunted by 17 to 40 pF	3%	$330
317 Wide Band	10 cps-11 Mc	300 μV-300 V	10 MΩ shunted by 7 pF with probe; 2 MΩ shunted by 11 to 24 pF without probe	2% 20 cps-2 Mc 4% 10 cps-6 Mc 6% 10 cps-11 Mc	$495 with probe
320 True RMS	5 cps-500 kc	100 μV-320 V	10 MΩ shunted by 8 to 18 pF	3% 15 cps-150 kc; 5% elsewhere	$445
350 True RMS	50 cps-20 kc	0.1 V-1199.9 V	2 MΩ shunted by 15 to 45 pF	¼% 0.1 V-300 V, 100 cps-10 kc; ½% outside these limits	$720

ELECTRONIC TEST EQUIPMENT

DECADE AMPLIFIER
Model 220C
Battery-operated amplifier, 10x or 100x; 10 cps-150 kc; 5 MΩ input; 2% accuracy. $115

CALIBRATOR, Precision dc and ac
Model 420
Provides precise output, rms, peak-to-peak, or dc, from 0-10 V; accuracy ¼% with cal. chart. $365

CAPACITANCE METER, Direct-reading
Model 520
Direct-reading of capacitance 0.01 pF to 12 μF; accuracy 2% above 0.1 pF. $335

INVERTER, Sensitive dc to ac
Model 700
Inverts dc as low as 10 μV and up to 100 V, to ac to be measured on any of VTVM's listed. $365

CONVERTER, Linear ac to dc
Model 710
Converts ac to dc linearly over each decade, 1 mV-1000 V; 30 cps-250 kc; accuracy ¼% 50 cps-10 kc, ½% 30 cps-50 kc, 1% above 50 kc. $450

LABORATORY STANDARDS

A-T VOLTMETER
Model 390
10 Mc to 1000 Mc; as laboratory standard for high voltage. NBS calibration not included in price. $2,250

H-F TRANSFER VOLTMETER
Model 393
25 cps to 30 Mc; a transfer device for accurate measurement of voltages or calibration of voltmeters; each probe covers 2 to 1 voltage range, 1 V to 50 V. $550 inc. one probe ($100 for each add. probe)

MICROPOTENTIOMETER
Model 440
0 to 900 Mc; as laboratory standard for 40 μV to 0.33 V. NBS calibration not included in price. Price includes one resistor-thermocouple combination. $250

Write for brochure giving many more details

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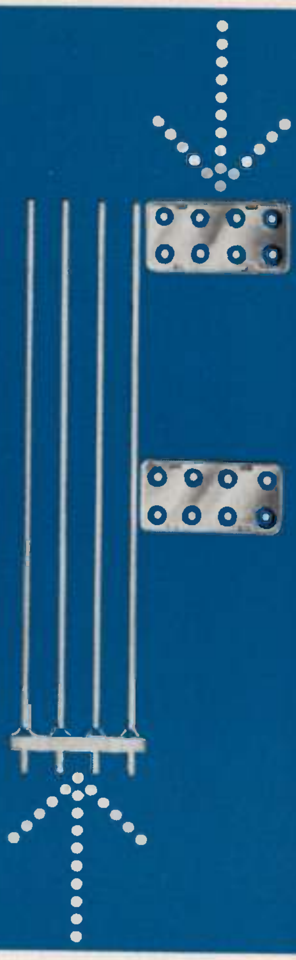

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FUSITE

A GLASS THAT MAKES MICRO-MINIATURE RELAY HEADER DO TRICKS

From the smelting furnace at Fusite has come a glass so ideal for use with 52% nickel alloy pins and mild steel body it obsoletes all previous compression type seals.

Designated TR-Glass it grips the pins so tightly no amount of bending or twisting will cause the terminal to leak. Heat shock of 1000°F in 20 seconds is child's play for the compatible combination of materials in this new relay header.

The favorable balance of expansion between TR-Glass and the two dissimilar metals of pins and body assure performance well in excess of Mil specs.

Available in electrode styles of hook, plug-in and extended lead.

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Woodford Mfg. Co., Versailles, Ky.
Fusite N. V., Königweg 16, Almelo, Holland
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THE FUSITE CORPORATION
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TUNG-SOL

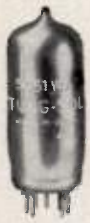
INDUSTRIAL AND SPECIAL PURPOSE TUBES

DESIGNED to meet the exacting requirements of modern industrial and military applications, Tung-Sol industrial and special purpose electron tubes are the standard of reliability.

TELEPHONE TUBES
Used in hand sets, central office, and carrier equipment.

VHF TRIODES
Used in military VHF radio and test equipment.

PENTODES
Used in military and other communications equipment.



VOLTAGE REFERENCE TUBES
Used in radio equipment and other electronic gear with regulated power supplies, especially in high-accuracy units.

TRANSMITTING TUBES
Used primarily in mobile transmitters through the UHF range.

THYRATRONS
Used in power supplies, radio transmitters, motor controllers and spot welders.

VACUUM PULSE TUBES
Used in radar equipment and high power pulse generators.

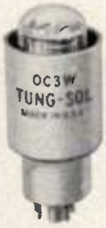
TWIN TRIODES
Used widely in equipment handling frequencies from the audio level through the frequency band.

POWER TRIODES
Used in series regulated power supplies and wherever high perveance, high current tubes are needed.

RECTIFIERS
Used throughout industrial electronic equipment and broadcasting operations—AM, FM and TV.

CLIPPER TUBES
Used in radar to protect modulator components and to regulate output pulse. Both gas and vacuum tube versions available.

POWER PENTODES
Used in public address systems, hi-fi amplifiers, radio transmitters and receivers.



VOLTAGE REGULATORS
Used in radio and other electronic equipment with regulated power supplies.

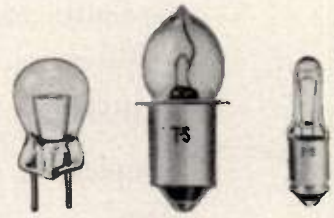
HYDROGEN THYRATRONS
Used in radar modulators and missile tracking beacons. Miniatures in airborne units.

INDICATOR THYRATRONS
Used in relay service wherever a small, lightweight, self-indicating tube is needed.

ENTERTAINMENT TUBES

TUNG-SOL ENTERTAINMENT TUBES provide the most sought-after characteristics in ideal combination, whether cathode ray, series-string, hybrid auto radio, TV, radio, stereo or hi-fi. Tung-Sol packs the popular types of audio tubes in factory-matched pairs. Dynamically-balanced 6550's, 5881's, 6V6GTA's, 6BQ5's bring you the finest in full-fidelity reproduction.

LAMPS



TUNG-SOL SUPPLIES numerous types of miniature lamps for illuminated dials and panels of all types. Advanced design and reliable performance have been the key to Tung-Sol leadership in lamps.

SPECIALISTS IN RELIABILITY

GERMANIUM TRANSISTORS

TUNG-SOL GERMANIUM TRANSISTORS have been designed to meet the reliability and performance standards of critical commercial and military applications. Performance capabilities are evaluated under the severest environmental conditions and electrical limits.

HIGH POWER

TYPE	Pc W	VCB V	VCE V	Ic A	TJ °C	MAX. ICBO mA	CONDITION	hFE	CONDITION	fαe KC
	MAXIMUM RATINGS						TYPICAL VALUES			
2N173	75	60	50	15	100	8	VCB=-60V	52	Ic=5A, VCE=-2V	10
2N174	75	80	70	15	100	8	VCB=-80V	37	Ic=5A, VCE=-2V	10
2N174A	75	80	70	15	100	8	VCB=-80V	37	Ic=5A, VCE=-2V	10
2N277	75	40	40	15	100	8	VCB=-40V	52	Ic=5A, VCE=-2V	10
2N278	75	50	45	15	100	8	VCB=-50V	52	Ic=5A, VCE=-2V	10
2N441	75	40	40	15	100	8	VCB=-40V	30	Ic=5A, VCE=-2V	10
2N442	75	50	45	15	100	8	VCB=-50V	30	Ic=5A, VCE=-2V	10
2N443	75	60	50	15	100	8	VCB=-60V	30	Ic=5A, VCE=-2V	10
2N1099	75	80	70	15	100	8	VCB=-80V	52	Ic=5A, VCE=-2V	10
2N1100	75	100	80	15	100	8	VCB=-100V	37	Ic=5A, VCE=-2V	10
2N1358	75	80	70	15	100	8	VCB=-80V	37	Ic=5A, VCE=-2V	10
2N1412	75	100	80	15	100	8	VCB=-100V	37	Ic=5A, VCE=-2V	10

POWER

TYPE	Pc W	VCB V	VCE V	Ic A	TJ °C	MAX. ICBO mA	CONDITION	hFE	CONDITION	fαe KC
	MAXIMUM RATINGS						TYPICAL VALUES			
2N242	50	—	45	5	100	1	VCB=-25V	30 Min.	Ic=500 mA, VCE=-12V	5 Min.
2N307	50	35	35	5	100	5	VCB=-25V	20 Min.	Ic=200 mA, VCE=-1V	3 Min.
2N307A	50	35	35	5	100	2	VCB=-25V	30 Min.	Ic=200 mA, VCE=-1V	3.5 Min.
2N378	50	40	20	5	100	.5	VCB=-25V	35	Ic=2A, VCE=-2V	5 Min.
2N379	50	80	40	5	100	.5	VCB=-25V	50	Ic=2A, VCE=-2V	5 Min.
2N380	50	60	30	5	100	.5	VCB=-25V	55	Ic=2A, VCE=-2V	8 Min.
2N459	50	105	60	5	100	.5	VCB=-25V	50	Ic=2A, VCE=-2V	5 Min.

MEDIUM POWER

TYPE	Pc mW	VCB V	VCE V	Ic mA	TJ °C	MAX. ICBO μA	CONDITION	hFE	CONDITION	fαe MC
	MAXIMUM RATINGS						TYPICAL VALUES			
AUDIO & LOW SPEED COMPUTER										
2N381	200	50	25	400	100	10	VCB=-25V	50	Ic=20 mA VCE=-1.0V	3
2N382	200	50	25	400	100	10	VCB=-25V	80	Ic=20 mA VCE=-1.0V	4
2N383	200	50	25	400	100	10	VCB=-25V	100	Ic=20 mA VCE=-1.0V	5
2N460	200	45	—	400	100	15	VCB=-45V	25	IE=1 mA VCB=-6.0V	1.2
2N461	200	45	—	400	100	15	VCB=-45V	50	IE=1 mA VCB=-6.0V	4
2N526	200	45	—	500	100	10	VCB=-30V	73	Ic=20 mA VCE=-1V	3
2N1705	200	18	—	400	100	10	VCB=-10V	110 (hfe)	Ic=1 mA VCE=-6V f=1 KC	4
2N1706	200	25	—	400	100	10	VCB=-25V	90	Ic=20 mA VCE=-1V	3
2N1707	200	30	—	400	100	15	VCB=-25V	90	Ic=20 mA VCE=-1V	3
R. F. & COMPUTER										
2N396	150	30	—	200	100	6	VCB=-20V	30 Min.	Ic=10 mA VCE=-1V	5 Min.
2N396A	200	30	20	200	100	6	VCB=-20V	30 Min.	Ic=10 mA VCE=-1V	5 Min.
2N413	180	30	18	400	100	5	VCB=-12V	30 (hfe)	Ic=1 mA VCE=-6V f=1 KC	2.5
2N414	180	30	15	400	100	5	VCB=-12V	60 (hfe)	Ic=1 mA VCE=-6V f=1 KC	7
2N416	180	30	12	400	100	5	VCB=-12V	80 (hfe)	Ic=1 mA VCE=-6V	10
2N417	180	30	10	400	100	5	VCB=-12V	140 (hfe)	Ic=1mA VCE=-6V f=1 KC	20
2N425	180	30	20	400	100	25	VCB=-30V	30	1B=1 mA VCE=-.25V	4
2N426	180	30	18	400	100	25	VCB=-30V	40	1B=1 mA VCE=-0.25V	6
2N427	180	30	15	400	100	25	VCB=-30V	55	1B=1 mA VCE=-0.25V	11
2N428 (1)	180	30	12	400	100	25	VCB=-30V	80	1B=1 MA VCE=-0.25V	17
2N1313	180	30	15	400	100	25	VCB=-30V	40 Min.	1B=1 mA VCE=-0.25V	8 Min.
2N1681	180	30	15	200	100	3	VCB=-2V	75	Ic=10 mA VCE=-0.25V	5 Min.

(1) JAN 2N428 also available

SILICON POWER RECTIFIERS

CH118 Series
80 Amp.

CS-120 Series
25 Amp.

1N1191 Series
20 Amp.

CH116 Series
50 Amp.

1N538 Series
250-750 mA

CH109 Series
70 Amp.

1N253 Series
1 Amp.

1N1183 Series
35 Amp.

1N1199 Series
12 Amp.

1N1396 Series
70 Amp.

TUNG-SOL SILICON POWER RECTIFIERS offer distinct advantages over similar competitive types. Exclusive design features combine with Tung-Sol's historically rigid quality control to assure designers unmatched operational reliability. Wide interchangeability permits specification of these outstanding components for most commercial and military applications.

FOR FURTHER INFORMATION on available Tung-Sol products, to discuss your specific design requirements, contact: Tung-Sol Electric Inc., Newark 4, N. J. TWX: NK 193

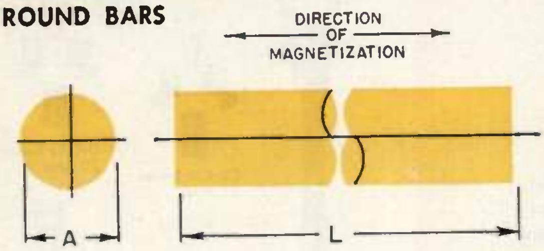
➧ TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

CRUCIBLE PERMANENT MAGNETS AVAILABLE

BAR MAGNETS

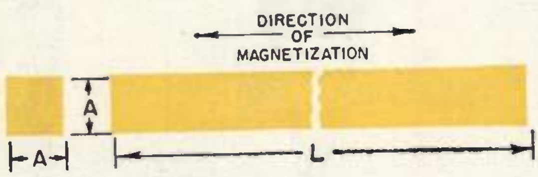
Dimensions shown are for Crucible bar magnets as cast — not ground. Order bar magnets in length desired. Cutting Tolerance ±.015. Specify with order whether bars are to be supplied magnetized or not. Available from stock only in Alnico V.

ROUND BARS



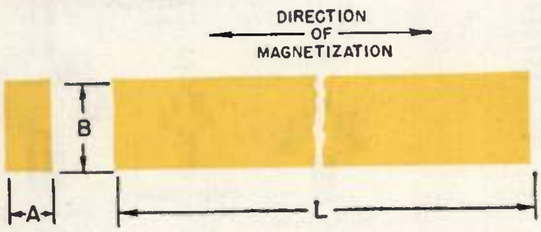
Catalog No.	Dim. A, in.	Max. Dim. L, in.	Est. Wght. Lbs.
MA 1000	1/8	4	.013
MA 1001	3/16	5	.037
MA 1002	1/4	6	.078
MA 1003	3/8	6	.176
MA 1004	1/2	6	.312
MA 1005	5/8	6	.488
MA 1006	3/4	6	.702
MA 1007	1	6	1.25

SQUARE BARS



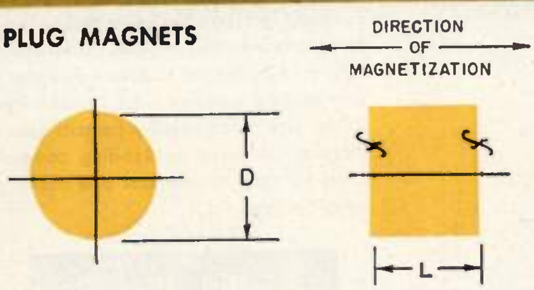
Catalog No.	Dim. A, in.	Max. Dim. L, in.	Est. Wght. Lbs.
MA 1010	3/16	4	.037
MA 1011	1/4	4	.066
MA 1012	3/8	6	.224
MA 1013	1/2	6	.398
MA 1014	5/8	6	.621
MA 1015	3/4	6	.894
MA 1016	7/8	6	1.22
MA 1017	1	6	1.59

RECTANGULAR BARS



Catalog No.	Dim. A, in.	Dim. B, in.	Max. Dim. L, in.	Est. Wght. Lbs.
MA 1042	1/4	3/8	6	.149
MA 1043	1/4	1/2	6	.199
MA 1044	1/4	3/4	6	.298
MA 1045	1/4	1	6	.398
MA 1046	1/2	3/4	6	.596
MA 1047	1/2	1	6	.795
MA 1048	1/2	1 1/2	6	1.19
MA 1049	3/4	1	6	1.19
MA 1050	3/4	1 1/2	6	1.80

PLUG MAGNETS



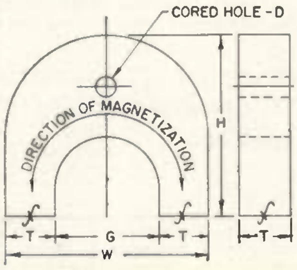
Catalog No.	Dia. D, in.	Dim. L, in.	Est. Wght. Lbs.	Nom. Wt. Oz.
LG 1	.689	.430	.042	.68
LG 2	.759	.522	.062	1.00
LG 3	.840	.626	.092	1.47
LG 4	.908	.535	.092	1.47
LG 5	.998	.648	.134	2.15
LG 6	1.114	.765	.198	3.16
LG 7	1.224	.633	.198	3.16
LG 8	1.365	.748	.290	4.64
LG 9	1.523	.880	.425	6.80
LG 9A	1.450	.970	.425	6.80
MA 93	1.672	1.080	.628	10.0

Steel

CRUCIBLE STEEL COMPANY OF AMERICA

TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

FOR IMMEDIATE DELIVERY FROM STOCK

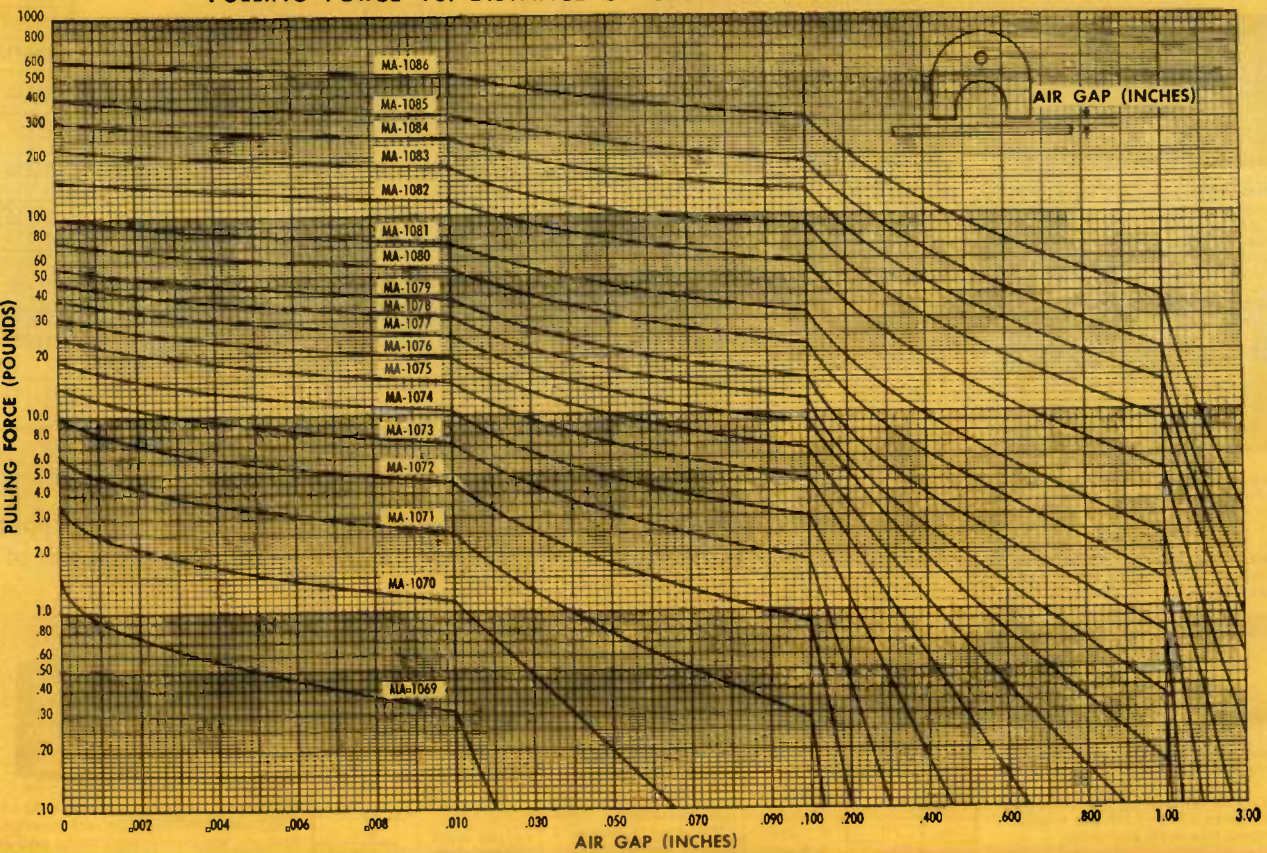


HORSESHOE MAGNETS

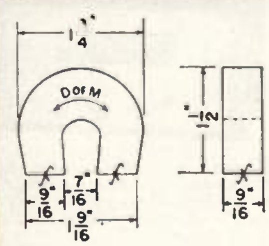
All Crucible horseshoe magnets are ground on pole faces and painted red, and supplied magnetized with keepers. Series MA-1069 through MA-1086 are available from stock only in Alnico

Catalog No.	Overall Width, In.	Overall Thickness, In.	Width of Each Pole Face, In.	Distance between Poles, In.	Overall Height, In.	Hole Diameter, In.	Est. Wght., Lbs.
	W	T	T	G	H	D	
MA 1069	½	⅛	⅛	¼	7/16	No Hole	.005
MA 1070	¾	3/16	3/16	⅜	21/32	No Hole	.017
MA 1071	1	¼	¼	½	⅞	No Hole	.040
MA 1072	1¼	5/16	5/16	⅝	1 3/32	⅛	.078
MA 1073	1½	⅜	⅜	¾	1 5/16	9/64	.134
MA 1074	¾	7/16	7/16	⅞	1 17/32	11/64	.213
MA 1075	2	½	½	1	1¾	3/16	.318
MA 1076	2¼	9/16	9/16	1⅛	1 31/32	7/32	.453
MA 1077	2½	⅝	⅝	1¼	2 3/16	15/64	.621
MA 1078	2¾	11/16	11/16	1⅜	2 13/32	17/64	.826
MA 1079	3	¾	¾	1½	2⅝	9/32	1.07
MA 1080	3½	⅞	⅞	1¾	3 1/16	21/64	1.70
MA 1081	4	1	1	2	3½	⅜	2.55
MA 1082	5	1¼	1¼	2½	4⅜	15/32	4.97
MA 1083	6	1½	1½	3	5¼	9/16	8.58
MA 1084	7	1¾	1¾	3½	6⅛	21/32	13.6
MA 1085	8	2	2	4	7	¾	20.4
MA 1086	10	2½	2½	5	8¾	15/16	39.8

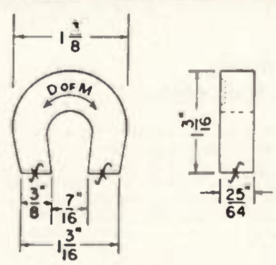
PULLING FORCE VS. DISTANCE OF CRUCIBLE HORSESHOE MAGNETS



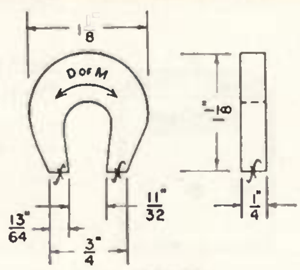
SPECIAL HORSESHOE MAGNETS OF ALNICO I AND ALNICO V



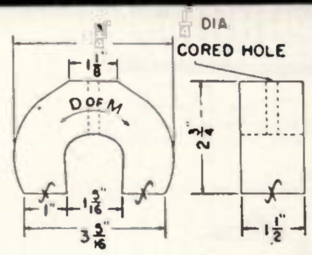
MA-1031
Estimated Wght., lbs. —
Alnico I — 0.243
Alnico V — 0.258



MA-1022
Estimated Wght., lbs. —
Alnico I — 0.102
Alnico V — 0.109



MA-1041
Estimated Wght., lbs. —
Alnico I — .050
Alnico V — .053



MA-1060
Estimated Wght., lbs. —
Alnico I — 2.58
Alnico V — 2.73

TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

Beckman®

INSTRUMENTAL IN YOUR FUTURE

Digital Instrumentation for

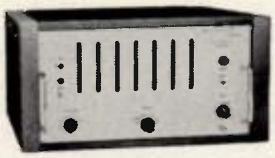
Berkeley Division of Beckman

EPUT® Meters. These instruments count every cycle of an applied signal during a precise internally-generated interval called the "time base." The process yields digital frequency readings with accuracies up to a few parts in 10 million.

Model	Freq. range	Sensitivity	Time bases	Time base stability	Count capacity	Other features	Price
(1) 7150	dc to 100 Kc	100 mv, rms into 10 MΩ	1, 0.1, .01, secs; 1, 0.1, .01 ms 10 sec opt.	1 part in 10^5 per day	5 digits	Measures period.	$ 825
(2) 8150							$1050
(1) 7160	dc to 1 Mc			3 parts in 10^7 per week	6 digits	Code for printer.	$1045
(2) 8160							$1315
(1) 7170	10 cps to 10 Mc	100 mv into 1 MΩ	10, 1, 0.1, .01, secs; 1, 0.1, .01 .001 ms	3 parts in 10^7 per week 5 parts in 10^8 per week opt.	7 digits	Code for printer	$1675
(2) 8170							$1875
(3) 7151	dc to 100 Kc	100 mv into 10 MΩ	Variable in 0.1 ms & 1 ms steps to 9.999 secs	1 part in 10^5 per day	5 digits	Serves as a delay and time interval generator	$1195
(2) 8151							$1420
(3) 7161	dc to 1 Mc			3 parts in 10^7 per week	6 digits		$1345
(2) 8161							$1615
(4) 5310D	10 cps to 200 Kc	100 mv into 100 KΩ	1s, 0.1s, .01s, 1 ms, 0.1 ms, .01 ms	5 parts in 10^7 per day	5 digits	Transistorized	$1480
(4) 5311D			Variable in 10 μsec steps				$1680
(5) 5210	dc to 100 Kc	250 mv into 1 MΩ	1 & 0.1 secs 10 sec opt.	That of line frequency	4 digits	Portable	$ 450

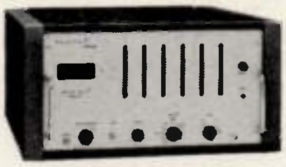
Time Interval Meters. These instruments measure the time between signals applied to the same or to separate input jacks. Measurements precise to a few tenths of a microsecond may be achieved.

Model	Timing units	Timing range	Sensitivity	Time Std. stability	Price
(10) 7250	10 μsec	10 μsec to 1 sec	0.3 v p-p into 10 MΩ	1 part in 10^5 per day	$ 695
(11) 8250					$ 920
(10) 7260	1 μsec	1 μsec to 1 sec		3 parts in 10^7 per week 5 parts in 10^8 per week optional	$ 925
(11) 8260					$1195
(10) 7270	0.1 μsec & 1 μsec	0.3 μsec to 10 sec	0.6 v p-p		$1675
(11) 8270					$1875
5220	0.1 ms	0.1 ms to 1 sec	0.7 v p-p	1 part in 10^4 per day	$ 525



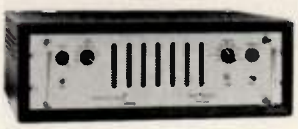
(1) Model 7170 (shown) and Models 7150 and 7160 (similar in appearance) use vacuum tube circuitry proven and perfected by four years use in the field.

(2) Model 8160 (shown) and Model 8150 (similar in appearance) have the same construction and performance abilities of Models 7160 and 7150 respectively plus a large, bright red, in-line display.

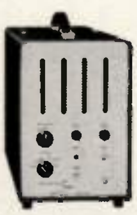


(3) Model 7161 (shown) and Model 7151 (similar in appearance) feature highly-variable time bases. Proper selection of time base introduces a scale factor, thus producing indications in desired units such as rpm, psi, gals/min when used with conventional transducers.

(4) Model 5311 is a fully-transistorized instrument with a highly variable time base like Model 7161 above. Model 5310 is an EPUT meter of similar design to 5311. Both are available as battery-powered portables.



Model 5370 is a fully transistorized 10 Mc Universal EPUT and Timer. Occupies only 5¼" rack space.



(5) Model 5210 is a compact portable vacuum tube EPUT meter. Model 5220, a Time Interval Meter, and Model 5230 a Universal EPUT meter and Timer are of similar construction. All three models may be considered where cost is a factor.

(10) Model 7270 (shown) and Models 7260 and 7250 (similar in appearance) feature selectable sensitivity and variable trigger levels to accommodate all signals commonly encountered.

(11) Model 8260 (shown) and Model 8250 (similar in appearance) have the same advantages of 7000 Series timers plus a large, bright red, in-line display.

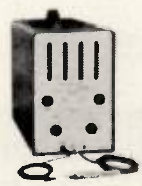
Self-ranging Digital Volt Meter

The 4011 digital voltmeter with automatic polarity and ranging has a linearity of .01% of full scale, range from 0.001v to 999.9v dc, binary-coded output, variable sensitivity control, various mountings, and bright red, in-line display. Converters and preamplifier are available. Price $995.

Scanner

Model 4005 general purpose, low level scanner for DC and AC signals. Economical 29 level two-point capacity. Features manual-automatic scanning with partial scan provision. Price $695.

Digital Volt-Ohm Meter



Model 5350 is an all-electronic meter that measures dc voltage, ac voltage and resistance. DC ranges are 1v, 10v, 100v and 1000v with accuracy to 0.2%. AC ranges are 1v, 10v, 100v and 500v rms; resistance ranges, 10K, 100K, 1M and 10M ohms. Price $845.

Measurement and Control

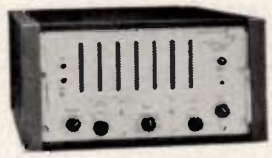
Beckman®

Instruments, Inc., Richmond, California

INSTRUMENTAL IN YOUR FUTURE

Universal EPUT® and Timers. Universal instruments perform all the following functions: frequency counting, measuring period, measuring phase difference, measuring frequency ratio and timing the interval between signals applied to separate input jacks.

Model	Freq. range	Time bases	Timing units	Time display range	Count capac-ity	Sensi-tivity	Time base stability	Other features	Price
(12) 7350	dc to 100 Kc	10 s, 1 s, 100 ms, 10 ms, 1 ms, 100 μs, 10 μs	Same as time bases	10 μs to 10^7 sec	6 digits	100 mv into 10 MΩ	1 part in 10^6 per day		$ 945
(13) 8350									$1195
(12) 7360	dc to 1 Mc	10 s, 1 s, 100 ms, 10 ms, 1 ms, 100 μs, 10 μs, 1 μs		1 μs to 10^8 sec	7 digits		3 parts in 10^7 per week	Code for printer	$1245
(13) 8360									$1525
(12) 7370	10 cps to 10 Mc	10 s, 1 s, 100 ms, 10 ms, 1 ms, 100 μs, 10 μs, 1 μs, 0.1 μs		0.1 μs to 10^8 sec	7 digits	100 mv into 1 MΩ	3 parts in 10^7 per week 5 parts in 10^8 per week optional	Self-testing	$1975
(13) 8370									$2175
(14) 5230	dc to 100 Kc	1 s, 100 ms, 10 ms, 1 ms, 100 μs		100 μs to 10^4 sec	4 digits	250 mv into 1 MΩ	1 part in 10^4 per day	Portable	$ 625
(12) 7351	dc to 100 Kc	Variable in 0.1 ms & 1 ms steps to 9.999 secs	10 μs, 100 μs, & 1 ms	10 μs to 10 sec	5 digits	100 mv into 10 MΩ	1 part in 10^6 per day	Times up to 9,999 cycles. Counts batches.	$1295
(13) 8351									$1510
(12) 7361	dc to 1 Mc		1 μs, 10 μs, 100 μs, 1 ms	1 μs to 100 sec	6 digits		3 parts in 10^7 per week		$1495
(13) 8361									$1750
(19) 5370	dc to 10 Mc	10 s, 1 s, 100 ms, 10 ms, 1 ms, 100 μs, 10 μs, 1 μs, 0.1 μs	Same as time bases	0.1 μs to 10^8 sec	7 digits	200 mv into 1 MΩ	3 parts in 10^7 per week	Transis-torized	$2750



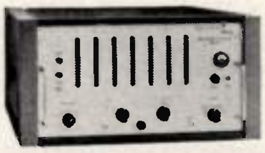
(12) Model 7370 is shown. Models 7350, 7360, 7351 and 7361 are similar in appearance.

(13) Model 8360 (shown) and Model 8350 (similar in appearance) display readings in large, bright red, in-line numerals.

Speed Printer

Model 1453 digital speed printer records binary-coded data up to 12 digits per line, 3 lines per second in black or red, on command. $995.

Digital Frequency Meters ranging to 23,000Mc



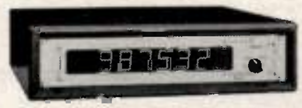
TO 110Mc. Model 7175 combines a 10Mc frequency counter and a heterodyne converter in a single cabinet. Produces digital indications of frequencies from 10cps to 110Mc. Sensitivity is 100mv into 1M ohms up to 10Mc; 100mv into 100 ohms above 10Mc. Price $1895.

TO 1000Mc. Model 7570 Series consists of three heterodyne converters that may be mounted simultaneously in one cabinet. The converters progressively extend the measuring range of Model 7170 or Model 7370. To 110Mc with one converter, to 220Mc with two, to 1000 Mc with three. Sensitivity and accuracy exceed that of counter alone. Price: $550, $800 or $1300 with 1, 2 or 3 converters respectively.

To 23,000 Mc. The computing transfer oscillators enable Model 7370 to create a digital display of frequencies well into the microwave region. Built-in computing device calculates harmonic number, then, gate time of counter is expanded by harmonic factor to create counter display of actual frequency under test.

Model 7580 to 15k MC—$1650
Model 7580-5 to 21k MC—$2650
Model 7580-6 as -5 with wide band amplifier, $2650

Remote In-line.



5920 Series readouts create a large, bright red display of counter readings. Numerals 1¼" high are formed on the surface plane, permitting wide (150°) viewing angle. May be located up to 200 feet from counter. Stores latest display while counter takes next sample. Prices: $610 for 4 digits to $850 for 7 digits.

Preset Counter-Controllers. These counters generate output signals as the accumulating count reaches one or two selected totals. Outputs are relay transfers, changes in dc voltage level and pulses.

(15) 7420 Series controllers (7426 shown) are vacuum tube instruments that generate output signals at each of two selected count totals.

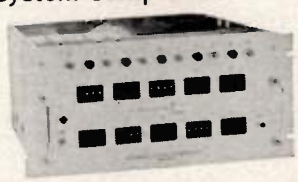
(16) 7410 Series controllers (similar in appearance to 7426) are vacuum tube instruments generating an output at one selected total.

(17) 5820 Series controllers (5825 shown) use magnetic counting circuits with miniature saturable reactors in the place of vacuum tubes to obtain unprecedented reliability. Generate output signals at each of two selected count totals.

Model	Count Capac-ity	Max. count rate	Sensi-tivity	Price
(15) 7423	999	10,000 counts per sec	Select-able: 100 mv 1 v & 10 v rms into 10 MΩ	$720
7424	9,999			$785
7425	99,999			$845
7426	999,999			$895
(16) 7413	999			$595
7414	9,999			$645
7415	99,999			$695
7416	999,999			$745
(17) 5823	999	5,000 counts per sec	0.5 v rms into 10 KΩ	$555
5824	9,999			$625
5825	99,999			$695
(18) 5813	999			$495
5814	9,999			$555
5815	99,999			$625

(18) 5810 Series controllers are identical to 5820 Series equipment except that output occurs at only one selected count total.

System Components



For system engineers, a complete, integrated line of systems building blocks used with any basic Beckman counters (EPUT Meters, Time Interval Meters, and Digital Voltmeters, etc.). Outputs may control data converters (tape punches, printers, recorders, card punch equipment, remote readout devices), comparators and programers. Such sophisticated systems, also used extensively in military installations, can be installed by simply plugging in the connecting cables. Detailed information is available.

♦ TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

BORG MICROPOT® POTENTIOMETERS

2100 SERIES . . .

7/8" diameter. 3 and 10-turn models. Resistances 10 to 40K (3-turn); 25 to 120K (10-turn). ±.5% standard linearity accuracy. −55°C to +125°C range. Request data sheets 160, 161.

2400 SERIES . . .

Single-turn series. 7/8", 1-7/16", 2", 3" diameters. Resistances to 200K. ±1% to ±.5% standard linearity accuracy. −55°C to +125°C range. Request data sheets 186, 189, 190, 191.

205 SERIES . . .

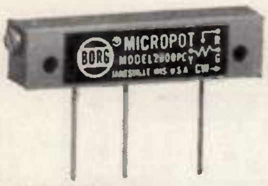
1-3/4" diameter. 3 and 10-turn models. Resistances 10 to 50K (3-turn); 1.15 to 100K (10-turn). ±.5% to ±.05% standard linearity accuracy. −55°C to +105°C range. Request data sheets 131, 162.

900 SERIES . . .

2" diameter. 3 and 10-turn models. Resistances 15 to 60K (3-turn); 25 to 100K (10-turn). ±.5% to ±.05% standard linearity accuracy. −55°C to +125°C range. Request data sheets 128, 129.

1100 SERIES . . .

1-13/16" diameter. 10-turn. Economically priced. Resistances 25 to 100K. ±.5% to ±.1% standard linearity accuracy. −55°C to +105°C range. Low-cost precision. Request data sheet 132.



2800 SERIES . . .

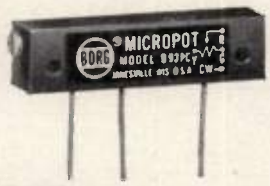
High-temperature, wirewound trimmer. −60°C to +175°C range. Each unit 100% tested against leakage. Resistances 10 to 50K. 1-1/4" length. 3 terminal types. Data sheet 173.

990 SERIES . . .

High temperature, wirewound trimmer. −60°C to +175°C range. Sealed against leakage. Resistances 10 to 50K. Four terminal types. 1-1/4" length. Data sheet 196.

992 SERIES . . .

Wirewound trimmer. −55°C to +105°C operating temperature. Resistances 10 to 50K. Three terminal types. 1-1/4" length. Economically priced. Request data sheet 172.



993 SERIES . . .

Carbon film element trimmer. −55°C to +105°C range. Resistances 20K to 1 megohm. Three terminal types. 1-1/4" length. Economically priced. Request data sheet 172.

BORG MICRODIAL® TURNS—COUNTING DIALS

3000 SERIES . . .

Concentric-scale. 1" dia. or 1-5/32" with finger-tip brake. 10-turns. Designed for 2100 and 2440 Micropot units; fine for any Micropot. Colors available. Data sheet 187.

1300 SERIES . . .

Direct-reading—3, 4, 5-digit models. 10, 100, 1000 turns. 1.8" to 2-1/16" dia. Brake optional. Reduce reading errors with in-line numerals. Data sheets 135, 136.

1320 SERIES . . .

Concentric-Scale type. 10-turns. 1-3/4" diameter. Finger-tip brake optional. Bright or satin chrome, gloss or dull black or combinations. Data sheet 138.

1330 SERIES . . .

Direct-reading, digital type. 10-turns. High style design. Internal, red or white light. Choice of colors. 1-3/4" dia. Finger-tip brake optional. Data sheet 164.

1360 SERIES . . .

High style design. Attractive profile, colors. Molded numerals and lines. Won't scale or rub off. 1-3/4" diameter. 10-turns. Fingertip brake. Data sheet 137.

BORG MOTORS—FREQUENCY STANDARDS

1000 SERIES . . .

Sub-fractional H.P. instrument motors. Synchronous and induction. Two and 4-pole. Reversible. With or without gear trains. 1/750 to 1/2000 H.P. Request data sheet 139.

1060 SERIES . . .

Sub-fractional H.P. induction type control motors. Low inertia, high resistance squirrel-cage rotors. Variable speed, reversible. Gear trains available. Request data sheet 165.

Borg Frequency and Time Standards provide up to 1000 times the accuracy of conventional frequency comparisons. Stability of ±5 parts in 10^{10} per day after 21 days of continuous operation. Complete with Frequency Monitoring clock and Standby Power Supply. Request Bulletin 198.

See your nearest Borg Sales Office location in Representatives Section

BORG

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Amphenol-Borg Electronics Corporation

Janesville, Wisconsin • Phone Pleasant 4-6616

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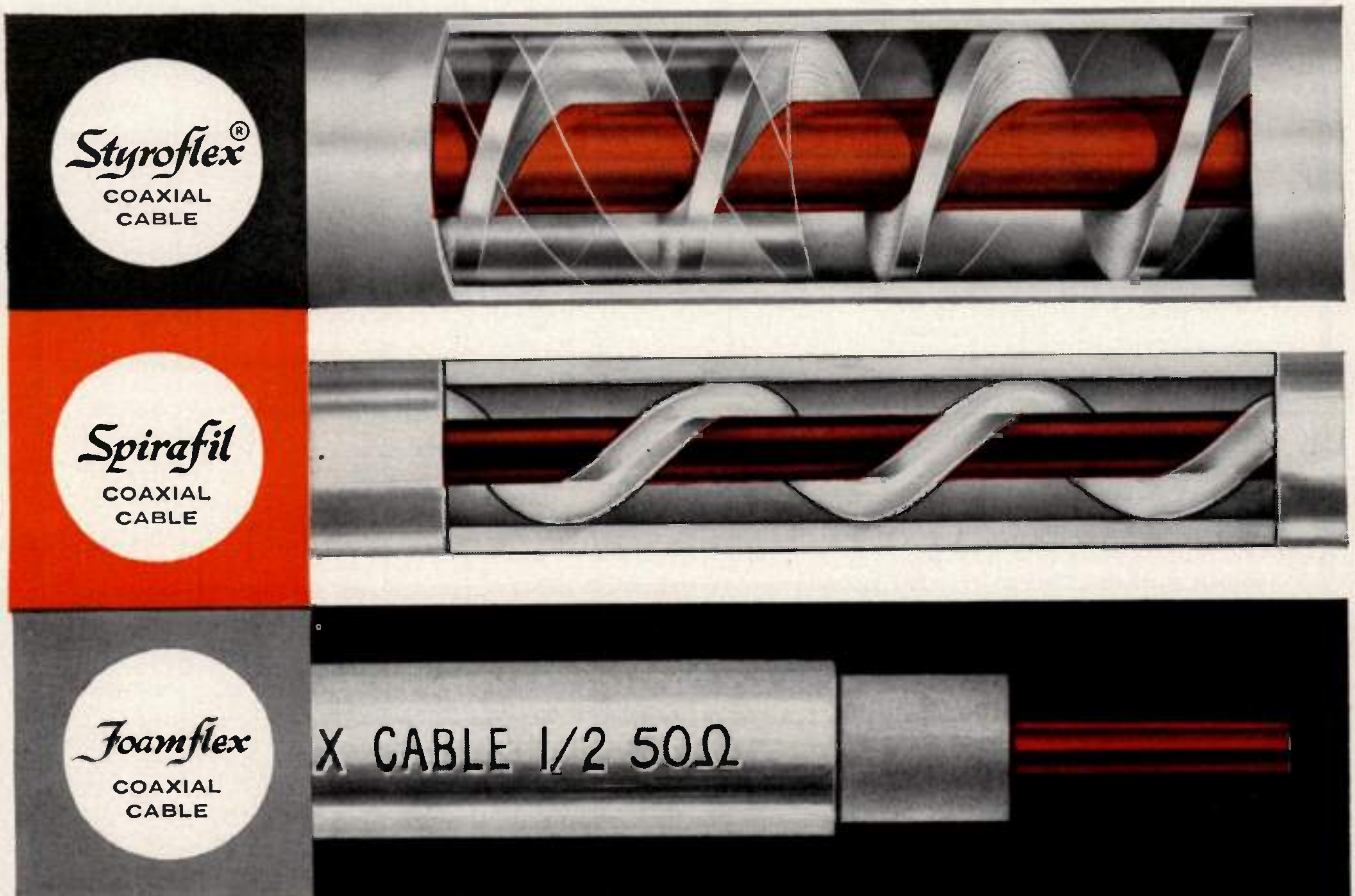
- Uniform electrical properties over wide temperature variations
- Unlimited operating life
- Continuous 1000′ lengths

Matching fittings for all cables are available from Phelps Dodge.



PHELPS DODGE COPPER PRODUCTS

CORPORATION

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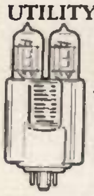
PHILBRICK OPERATIONAL AMPLIFIERS

CLOSE THE LOOP reliably, precisely, and conveniently in a universe of applications, including computing, controlling, and instrumenting, for industrial, military, and laboratory installations.

Here are a few of the most popular shapes, types, and models in our catalog.

UTILITY OCTAL PLUG-INS

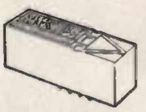


Efficient and foolproof, these popular amplifiers will satisfy all but the most exacting requirements. Use K2-W with K2-P for drift stability and with K2-B1 for greater current output. For wider range use K2-XA. Dimensions above socket: 4½" high x 1³³⁄₆₄" x 2⁹⁄₆₄"

PREMIUM PLUG-IN UNITS

Cool, reliable, and JAN-ized, the K2 MIL-line meets the most exacting requirements of industry and military. Normally furnished with 8-pin Blue Ribbon connectors, they are also available with RETMA octal plugs (K2-WJ-O) or solder terminals (K2-WJ-T). Dimensions above socket: 4⁷⁄₁₆" high x 1³⁄₁₆" x 2³⁄₁₆"

SOLID STATE AMPLIFIERS

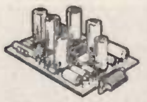


Cool, quiet, reliable, rugged, and stable, P2 is a solid state amplifier of outstanding performance. Its differential inputs are truly floating, have virtually no common mode error or leakage current (typically 10^{-11} amps) and very little drift (typically 100μv). Dimensions: 4" L x 1¼" W x 1 ¹¹⁄₁₆" H + ⅜" add. for terminals

UNIVERSAL STABILIZED AMPLIFIERS

USA-3 printed circuit amplifiers will serve stably and reliably wherever precision and performance per dollar are paramount. "Bare" board for permanent chassis mounting, "M3" for plug-in use, and Utility Package for easy breadboarding and instruction. Dimensions (USA-3): 2¾" H x 2½" W x 7" L Allow ⅜" cl. below board

PREMIUM STABILIZED AMPLIFIERS



Highest performance of any plug-in operational amplifiers available today. Drift and noise are less than 10^{-4} volts. Premium tubes and military components throughout. USA-4JX meets the most stringent demands for reliability. Normally supplied with 16-pin Blue Ribbon connectors, it is also available with Teflon insulated standoff solder terminals for permanent wiring (USA-4JT). Dimensions: 2¼" H x 5½" W x 7½" L. Allow 1⅛" below board.

MODEL	Amplifier TYPE	OPEN LOOP DC GAIN (Des. Center)	RATED SYMMETRICAL OUTPUT vdc	ma	UNITY GAIN CROSSOVER (Des. Center)	PRICE Small Quantities
K2-W	Differential Operational	15,000	±50	1	400 kc	$ 24.00
K2-XA	Differential Operational	30,000	±100	3	500 kc	28.00
K2-P	Stabilizing	1000	—	—	7 cps	60.00
K2-B1	Booster Follower	0.8	±50	20	—	34.00
K2-WJ	Differential Operational	15,000	±50	1	400 kc	$ 58.00
K2-YJ	Differential Operational	6000	±100	3	500 kc	62.00
K2-PJ	Stabilizing	1000	—	—	7 cps	85.00
K2-BJ	Booster Follower	0.8	±100	20	—	49.00
P2	Differential Operational	30,000	±10	1	75 kc	$210.00
6035	Booster Follower	0.99	±10	20	—	48.00
USA-3	Stabilized Operational	50 million	±100	8.5	1 mc	$ 95.00
USA-3-M3	USA-3 in modular enclosure	50 million	±100	8.5	1 mc	125.00
UPA-2	Utility Package	50 million	±100	8.5	1 mc	149.00
USA-4JX	Stabilized Operational	1 billion (10^9)	±100	6.67	1.5 mc	$185.00

Prices and specifications subject to change without notice.

PHILBRICK will be delighted to send you further data and to discuss your operational problems with you in detail. Write, wire, phone, TWX, cable, or carrier pigeon to:

Thermionic amplifiers require plus and minus 300vdc; solid state amplifiers, plus and minus 15 vdc. To meet these needs Philbrick Researches produces power supplies characterized by extremely low regulation, noise, internal impedance and recovery time. Information available upon request.

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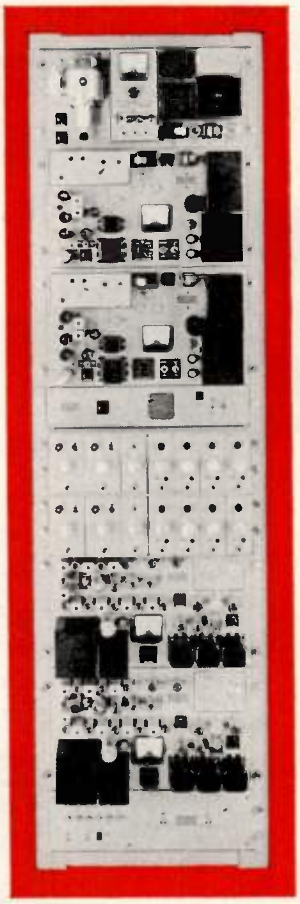
- **POST PAYSTATION CARRIER**
- **CARRIER CHANNEL REPEATERS**
- **PROTECTOR PANELS**
- **FREQUENCY DEVIATION METERS/ TEST OSCILLATORS**

FREE Engineering Reference SPEC-FILES describing Budelman products available on request. Write us or contact your local distributor today. We welcome your inquiry.

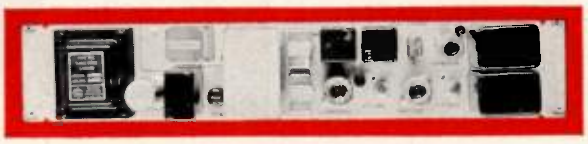


BUDELMAN 2KMC MICROWAVE LINKS (left)

For short-haul gap fillers or multi-hop repeater trunk circuits. Type 14CW-2KMC Radio Terminals are ideally suited for economical, trouble-free, point-to-point low and medium density multiplex communications. Down-to-earth engineering . . . straightforward design—no Klystrons or other critical components or circuits. The combination of these microwave terminals and Budelman **compatible** multiplex equipment **proves in** where other makes cannot.

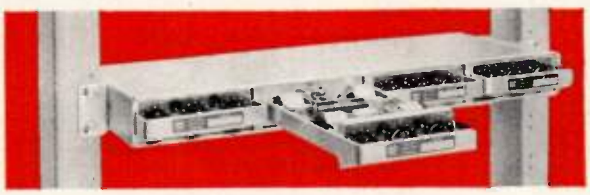
BUDELMAN 960 MC RADIO LINKS

Type 14BN/BW Terminals — your best buy for "thin-route" multiplex radio systems and spur circuits . . . for remote VHF Base Station Control, telegraph, telemetering and/or supervisory control signals. Companion Type 14AN/AW-450 MC Terminals also provide multi-channel speech circuits where wire lines are non-existent, or where installation cost and maintenance is prohibitive.



PRIVATE LINE CARRIER (above)

New Budelman PLC-DR — 4 stackable channels (12-96 KC) each providing private line service OR 2-party service with **selective** ringing . . . converts from Private Line to 2-Party by simply plugging a tiny transistorized module into a carrier terminal. **Lowest cost carrier!**



VOICE FREQUENCY REPEATER (above)

Type 251A — Lowest-cost, high-gain all transistor repeater . . . improves transmission on existing sub-standard subscriber and trunk circuits . . . installs **without complex test equipment.**

MULTI-PARTY SUBSCRIBER CARRIER

Type 16C — 10 stackable channels (10-200 KC), each providing a complete new line for fully-selective 5-frequency ringing — each serving up to 10 additional subscribers — for a total of 100 **new** subscribers over an existing physical circuit.

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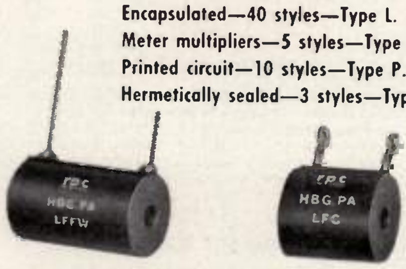
Large or small orders are promptly filled. Our engineering department is available for consultation. First, try one of America's largest manufacturer of resistors!

PRECISION WIRE WOUND RESISTORS

Low TC Alloys. Tolerances .02% to 1%.
Resistance values .05 ohms to 10 megohms.
Wattage .2 to 2 watts.

Unsealed—25 styles—Types A, C, J, K.
Encapsulated—40 styles—Type L.
Meter multipliers—5 styles—Type M.
Printed circuit—10 styles—Type P.
Hermetically sealed—3 styles—Type S.



CONFORMANCE TO MIL SPECS
MIL-R-93 MIL-R-9444 MIL-R-29

CARBON FILM RESISTORS

Low coefficients. Tolerances 2% to 20%.
Resistance values 10 ohms to 100 Teraohms (1×10^{14}).
Voltage up to 125 KV.

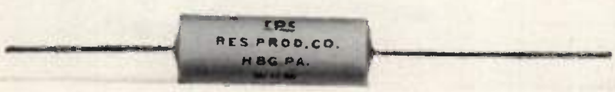
High voltage—25 styles—Types B, D.
Encapsulated—25 styles—Type E.
High frequency—25 styles—Types F, G.
High megohm—15 styles—Type H.

CONFORMANCE TO MIL SPECS.
MIL-10683 AND MIL-R-14293

METAL FILM RESISTORS

Low TC metals. Tolerances .5% and 1%.
Resistance values 250 ohms to 2 megohms.
Wattage .5 and 1 watt.

Encapsulated—2 styles—Type W.
Meter multipliers—Type M.



CONFORMANCE TO MIL-R-10509

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Hermetically sealed or encapsulated.
For computer applications, summing networks, voltage dividers, etc.

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SELECTION GUIDE TO SIGMA SENSITIVE RELAYS AND ELECTROMAGNETIC PRODUCTS

The checkerboard below is designed to help you select the Sigma relay or electromagnetic device most suitable for *your* application — without wading through *all* the information on *all* products just to find the one or two you're most interested in. Look down the left column and pick the key characteristics you need, then read across to see which products have the best combination of these characteristics. Further information and data on a specific relay or product Series number can then be found on the following pages or in the complete Sigma catalog. Blocks with the letter "C" in them indicate the catalog sections where detailed bulletins may be found (e.g., 11 AC relays are described in the catalog section entitled "AC Relays").

SIGMA PRODUCT SERIES

APPLICATION CHARACTERISTICS— CATALOG PRODUCT CLASSIFICATIONS	4	5	6	7	8	8PL2	9A	9B	9C	11	22	23	26	32	33	41	42	46	61	72	73	121	200	4500	8000	8200	8300	OVERLOAD INTERRUPTER
RELAYS																												
AC RELAYS		C								C						C	C	C										■
COMMERCIAL	■	■								■			■			■	■	■	■				■			■		■
DC RELAYS (NON-POLARIZED)	C	C								C	C		C			C	C	C										■
DIFFERENTIAL OPERATION		■	■	■								■		■					■	■	■		■			■	■	
DRY CIRCUIT SWITCHING											■			■	■							■						
EXTRA SENSITIVE (UNDER 10 MW.)		■	■	■								■	■							■	■		■			■	■	
GENERAL PURPOSE	■	■		■						■	■		■			■	■	■										
HEAVY DUTY SWITCHING																■		■	■									■
HIGH SPEED														■	■	■				■		■	■					■
HIGH VIBRATION IMMUNITY											■			■	■						■	■				■	■	■
IMPULSE OPERATION																						■						
LOW COST										■						■	■	■										
MINIATURE											■		■								■	■						
POLARIZED CENTER-OFF RELAYS (SIGMA FORM X)			C	C								C								C	C							
POLARIZED MAGNETICALLY BIASED RELAYS (SIGMA FORM Y)			C	C								C			C				C	C	C							
POLARIZED MAGNETIC LATCHING RELAYS (SIGMA FORM Z)			C	C										C					C	C	C		C					
PULSE OPERATION			■	■										■					■	■	■	■	■					
SUBMINIATURE														■	■													
TELEGRAPHY, HIGH SPEED PULSE REPETITION																■				■			■					
WIDE OPERATING TEMPERATURE RANGE											■	■	■	■	■						■	■						■
ELECTROMAGNETIC DEVICES																												
PHOTORELAYS					C	C																						
PLUG-IN PHOTORELAY RECEIVER					■																							
LIGHT SOURCE & PHOTORELAY RECEIVER SYSTEM						■																						
MAGNETIC AMPLIFIERS																									C	C	C	
60-CYCLE UNITS																										■		
400-CYCLE UNITS																											■	
TEMPERATURE CONTROLS																									■			
MAGNETIC STEPPING MOTORS, SWITCHES & COUNTERS							C	C	C																			
UNIDIRECTIONAL & BIDIRECTIONAL STEPPING MOTORS							■																					
HIGH SPEED COUNTERS								■																				
HIGH SPEED ROTARY STEPPING SWITCHES									■																			
TEST EQUIPMENT																								C				
TEST SET FOR POLARIZED RELAYS																								■				
SPECIAL PURPOSE UNITS																						C						C
IMPULSE RELAY																						■						
OVERLOAD INTERRUPTER																												■

■ Catalog Product Classification

if you don't like tables . . .

. . . and would rather just tell us what you need in a sensitive relay, switching device or other electromagnetic product and what you want it to do, we will be happy to say exactly what we have or perhaps can build for your requirements and what performance you can expect of it. In fact, this procedure would have mutual benefits even though you may have already narrowed the field to a particular Sigma product by using the data in this folder. Capable, experienced application engineering on our part saves everyone's time, frequently prevents misunderstandings, and in general gets the job done to everyone's satisfaction. It will pay you not to overlook its advantages.

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	4	5	6	7	11	22	23	26
Contact arrangement	SPDT	SPDT	up to 4PDT	SPDT	SPDT	SPDT, DPDT	SPDT, DPDT	SPDT
Switching form*	......	......	X, Y, Z Polarized	X, Y, Z Polarized	......	......	X, Y Polarized	......
Contact rating (amp.) at 28VDC/120VAC, resistive load, for 100,000 operations	0.1–2	0.25–3	2 or 5	0.5–2.0	1 or 5	0.5 to 2	2	0.5–2
Mechanical life (no. operations; no load)	10^8	5×10^6	25×10^6	10^8	10^8	10^6	10^7	......
Contact material available	silver, palladium, tungsten	silver, palladium	silver, palladium	silver, palladium	silver, palladium	silver, palladium, gold alloy	silver	silver, palladiu gold alloy
Operate sensitivity (mw. unless otherwise specified)	20 or 50 DC	1–150 AC & DC	8–500 DC	1.0–13 DC	0.3v-a. (60 cps.) 50 or 200 AC & DC	12–40 SPDT 20–80 DPDT DC	6 or 12 SPDT 12 or 24 DPDT DC	4–20 DC
Release sensitivity (mw. unless otherwise specified)	4 or 10	0.16–40	0.5–1.0	0.25–0.55	......	1.25–5 SPDT 2.25–10 DPDT	1 SPDT, 2 DPDT	1.2–10
Coil arrangement	single	single or dual	single or dual	single or dual	single	single	single or dual	single
Coil resistance range (ohms)	0.012–12,000	0.10–26,000	10–25,000 single 5–12,000 dual	1–12,000 single 10–5,500 dual	2.5–9,000	50–12,000	10–15,000 single 40–5,700 dual	50–17,000
Operate temperature (°C., min. & max. in Relay Series)	−65; +85	−55; +100	−55; +100	−55; +85	−20; +50	−65; +125	−65; +100	−65; +12
Coil dissipation (for 40°C. rise unless otherwise specified)	1 watt	2 watts	1.6 watts	1 watt	1 watt	1 watt	1.4 watts	1 watt
Shock (non-operating)	75 g	100 g	75 g	100 g	75 g	100 g	75 g	100 g
Vibration, max. (10-55 cps.)	10 g	10 g	10 g	10 g	10 g	15 g to 500 cps. 5 g to 2,000 cps.	10 g	15 g
Enclosure	unenclosed, dust cover, hermetic seal	unenclosed, dust cover, hermetic seal	unenclosed, hermetic seal	dust cover, hermetic seal	unenclosed	hermetic seal	hermetic seal	unenclosed, hermetic sea
Mounting	screw, stud, plug-in	screw, stud, plug-in	screw, stud	stud, plug-in	screw	flange, stud, plug-in	stud, plug-in	stud, screw
Connection	solder terminals, plug-in	solder terminals, plug-in	solder terminals	plug-in	solder terminals	solder terminals, plug-in	solder terminals, plug-in	solder termina
Weight range (oz.)	2 1/4–4 1/4	4 1/4–7 1/4	10–14 1/2	6–7 1/2	1–1.3	3–3 1/4	8 5/8	2–3
Price range	$3.00–13.15	$4.15–25.85	$14.10–43.65	$9.90–33.50	$0.88–3.05	$5.95–23.00	$26.10–63.00	$3.75–18.75

*See first page for explanation of Forms X, Y & Z

NOTE: where ...... appears, data does not apply or is available by consulting factory.

SIGMA INSTRUMENTS, INC. 180 Pearl St., So. Braintree 85, Mass., U.S.A.

32	33	41	42	46	61	72	73	121	200†
0.8" x 0.4" x 0.9" h. above chassis	0.8" x 0.4" x 0.9" h. above chassis	1¼" x 2¼" x 1 5/16" h.	1⅝" x 1 13/16" x 1 7/16" h. above chassis	1 5/16" sq. x 2 1/16" h. above chassis	3½" x 2 3/16" x 2⅛" h.	1 7/16" dia. x 2⅝" h. above chassis	0.760" dia. x 1 11/16" h. above chassis	1" sq. x 1⅜" h. above chassis	2 13/32" x 2 15/32" x 2 11/16" h above chassis
DPDT	DPDT	SPDT	DPDT	DPDT	DPDT	SPDT	SPDT	SPDT	SPDT
Z Polarized	Y Polarized	......	......	......	Y, Z Polarized	X, Y, Z Polarized	X, Y, Z Polarized	......	Z Polarized
2	2	1–5	0.5–5	5 DC 10 AC (5 x 10^5 operations)	20	0.5	1	2 (200,000 ops.)	2
5 x 10^6	5 x 10^6	10^9	10^9	10^7	......	5 x 10^8	10^6	......	10^9
silver, gold alloy	silver, gold alloy	silver, tungsten, palladium, gold alloy	silver, tungsten, palladium	silver	silver	silver, tungsten, copper, palladium, gold alloy	silver	silver, gold alloy	tungsten, carbide
50 single coil 100 dual coil DC	100 or 200 DC	0.06 — 0.40 v-a (60 cps.), 1.3 v-a (400 cps.), AC & 32-200 DC	0.30 or 0.50 v-a (60 cps.), 1.3 v-a (400 cps.), AC & 100-200 DC	1 watt or 2 v-a. (60 cps.) AC & DC	225–500 DC	0.3–40 DC	6–70 DC	1,000 microjoules (e.g., 200 mw. for 5 ms.) DC	5–15 DC
......	2	0.4–65 (DC)	1–18 (DC)	......	2.5	8	0.5 or 1	......	......
single or dual	single	single	single	single	single or dual	dual	single or dual	single	dual or 4-coil
1.3–25,000 single coil 10–6,800 dual coil	1.3–30,000	0.012–12,000	0.012–14,000	1.7–6,500	50–25,000 single 50–10,000 dual	0.2–31,000	1,000–7,000 single 500–5,000 dual	......	101 & 139
−65; +125	−65; +125	−55; +85	−65; +85	−65; +70	−55; +100	−55; +85	−65; +125	−65; +125	−10°F.;+120°F.
0.5 watt: 50° rise–single coil, 55° rise–dual coil	0.5 watt, 50° rise	1 watt	1 watt	4 watts DC 5 v-a. AC	1.6 watts	1.2 watts	1 watt	......	1 watt
100 g	100 g	100 g	100 g	normal industrial	75 g	......	100 g	100 g	......
30 g to 5,000 cps.	30 g to 5,000 cps.	10 g	10 g	normal industrial	10 g	......	10 g (to 500 cps.)	30 g to 5,000 cps.	......
hermetic seal	hermetic seal	unenclosed, dust cover, hermetic seal	unenclosed, dust cover, hermetic seal	dust cover	unenclosed, hermetic seal	dust cover, hermetic seal	hermetic seal	hermetic seal	dust cover
flange, stud, plug-in	flange, stud, plug-in	screw, stud, plug-in	stud, plug-in	plug-in	screw, stud	stud, plug-in	flange, plug-in	stud	plug-in
solder terminals, plug-in, wire leads	solder terminals, plug-in, wire leads	solder terminals, plug-in	solder terminals, plug-in	plug-in	screw terminals, solder terminals	solder terminals, plug-in	solder terminals, plug-in	solder terminals	plug-in
18 grams	18 grams	2½-5¼	2½-5¼	5	10 or 15	3½ or 4	1.6	2¼	11 & 12
$11.50–33.50	$8.75–27.50	$1.75–13.00	$2.30–15.70	$3.00–6.80	$11.25–33.15	$16.50–54.45	$11.10–38.25	$22.00–45.00	up to $19.50

†Mfd. under license from Western Union Telegraph Co.

SEE FRONT PAGE FOR GENERAL SELECTION GUIDE. OTHER SIGMA PRODUCTS DESCRIBED ON FOLLOWING PAGE.

SIGMA INSTRUMENTS, INC. 180 Pearl St., So. Braintree 85, Mass., U.S.A.

. . . electromagnetic products

MAGNETIC AMPLIFIER CONTROLS

microwatt-sensitive current, voltage or resistance comparator

for controlling or monitoring temperature, light intensity, radiation level, line voltage, etc.

60-cycle operation 0.1 and 0.2 microwatt sensitivities

400-cycle operation 0.2 and 0.5 microwatt sensitivities

Temperature differentials as small as 0.1°C.

Series 8200 Magnetic Amplifier Relay responds to the polarity and magnitude of a DC signal. Performs dependably in continuous duty switching. More rugged than tubes or transistors, unharmed by continuous overloads up to one million. Standard units contain a reactor with isolated single or dual control windings, transformer, rectifier, bias and desense controls, and one or two SPDT output relays rated for switching 1 amp. loads. Energizing power required 25 ma., 120 volts, 60 cps. Hermetically sealed or dust cover. Prices range from $45 to $135.

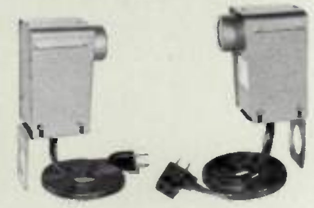
Series 8300 Magnetic Amplifier Relay has the same design and operating characteristics as the 8200, but is for 400-cycle operation. Hermetically sealed only. Prices range from $60 to $140.

Series 8000 Thermistor Temperature Control uses a Sigma Magnetic Amplifier with a built-in power supply. User adds suitable thermistor and rheostat to monitor temperature changes. Depending on thermistor and temperature monitored, differential sensitivity ranges from 0.1°C. to 1°C. Operates on 30 ma. at 120 volts, 60 cps. SPDT contacts rated for 1 or 5 amp. Prices range from $70.00 to $150.00.

PHOTORELAYS

reliable, simple, low-cost photoelectric controls

for light-no light and slowly changing light sources . . . plug-in unit



Complete photoelectric control system, ready to install

Series 8 Photorelay combines a Sigma relay with a hermetically sealed photocell in a single convenient plug-in package. Five standard models for use in "Light-no light" (normal or high ambient) and "Slowly Changing" light applications. Broad area CdS photocell and internal circuit provide 5 to 35 f-c. operate levels and 0.1 to 0.4 f-c. release. SPDT or DPDT relays will switch up to 5 amp. resistive loads, at least two times per second. Prices range from $7.50 to $18.50.

Series 8PL2 Photorelay Receiver and Light Source is a packaged system for counting or controlling by light beam interruptions. It will switch a 5-ampere, 120-volt resistive load at least twice per second with receiver and light source up to 20 feet apart. Complete with brackets for easy mounting and alignment; both units have power cords for wall outlets. Equipment to be controlled is plugged into receiver power cord plug. Especially designed for counting, level controls, sorting, alarms, door controls, etc. Prices: Receiver and Light Source, $36; Receiver alone, $23; Light Source alone, $13.

STEPPING, POSITIONING & SERVO MOTORS

for converting DC pulses or AC into shaft rotations . . . up to 400 steps per second

8000 counts per minute

High speed rotary stepping switch

Series 9A Cyclonome® is a stepping or impulse motor; pulse or impulse counter; digital positioner. It resembles a synchronous motor, but due to small inertia and high torque, it starts and stops instantly on each input pulse, at rates up to 400 steps per second (20 rps). Magnetic detent — no ratchets or pawls. The only moving part is a rotor with no windings. Typical applications are positioning servomotor, high speed counter or stepping switch, digital-to-analog converter, tape and film driver and positioner, self-checking digital readout. Prices range from $28 to $105.

The Series 9B Cyclonome® *Pulse Counter* uses the magnetic stepping motor described above to drive a 6-figure Veeder-Root register through a nylon worm. Input must be alternating current (literally or effectively) to produce a reversing magnetic field. Counting rate 0-130 per second. Size 2¼" x 3" x 4¾"; bench or panel mounting. Prices range from $80 to $115.

The Series 9C Cycloswitch® is a 10- and 20-position high speed rotary stepping switch consisting of a 9A Cyclonome® Stepping Motor, flush printed-circuit boards and wiper arms. True digital behavior up to 240 steps per second (12 rps.). Various combinations of decks and wiper arms possible. Current carrying capacity at 250 VDC is 1.5 amp. With arc suppression, life is 25 million revolutions or more with light loads, such as relays. Prices range from $82 to $405.

OVERLOAD INTERRUPTERS

high speed protection of rectifiers and transistors from DC overloads

Typical Interrupters

Sigma Overload Interrupters are designed to prevent rectifiers in power supplies or transistors in control circuits from burning out. The response (approx. 1 ms. after a short circuit surge) is fast enough to protect these components from damage — in many cases interruption occurs long before the current reaches its steady state value. Fault detection is accomplished with two coils; one for sensing overload, the other for holding the circuit open until reset. Interrupters can be supplied with manual or automatic reset and indicating lights. They can monitor either DC or AC and can be supplied in a wide variety of operate and release sensitivities, contact ratings, temperature ratings, vibration and shock ratings, enclosures, etc.

TEST EQUIPMENT

for checking, adjusting high speed polar relays

The Series 4500 Relay Test Set is a useful device for inspection and adjustment of such relays as Sigma Series 7 and 72, Western Electric 215 and 255A, Carpenter, and Siemens & Halske telegraph relays. Measures trip (operate) currents manually or automatically, bias and break time under operating conditions, insulation level. Self-contained, easily serviced, mounts in relay rack or portable case.

CIRCUIT DESIGN AND PACKAGING

. . . combining Sigma products with others in a single package to do a specific job

If you need equipment to accomplish a particular function in which switching or positioning is involved, and which necessarily requires the use of several components, Sigma can undoubtedly help you. Our engineering staff includes people with extensive experience in "components" as such, in circuit design, and in the physical techniques of package building and assembly. You can use some or all of these talents by having Sigma (1) *design* and *build* the *entire* package, or (2) *package* and *manufacture* a circuit you have already designed, or (3) *manufacture* your package on our lines. It is natural that we are most aware of what each Sigma product can and cannot do under different circumstances, and such knowledge is frequently the key to the successful combination of several products in one device. If we can do the job you want done with one relay and a few capacitors in a plug-in can, we'll tell you; if the most practical combination includes a magnetic amplifier or transistor network, panel meters, pots, relays and other components, that's what we will recommend. You will also gain the significant advantages of *one* source as anxious as you are to see the end result work properly, when you give us your "package" problem.

SIGMA

SIGMA INSTRUMENTS, INC.

180 Pearl St., So. Braintree 85, Mass., U.S.A.

® Registered TM

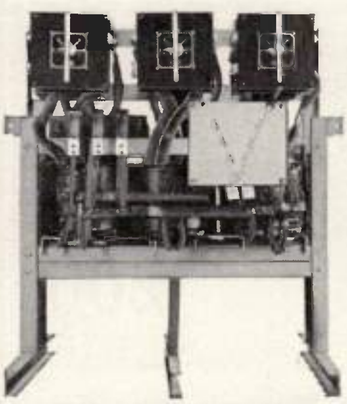
ENGINEERED AND BUILT BY ACME ELECTRIC *Means* DEPENDABILITY

When dependable performance is the major factor, your best source of supply is Acme Electric. We offer the cooperation of an engineering staff well qualified by experience to assist in your design problems. These engineers have at their command all the modern facilities essential to manufacturing magnetic components. We invite your inspection of these facilities.

DC REGULATED POWER SUPPLIES

Individually designed to the specific power requirements of the application. Acme Electric designed units are used with electronic business machines, industrial, research and military systems.

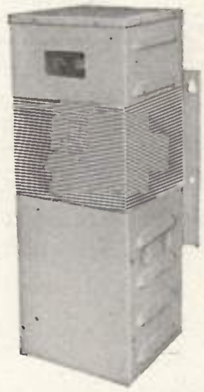
A typical production design incorporating transistorized panel, transformer, saturable reactor, rectifier and components into a compact dependable power supply.



Magnet power supply module designed for an Alternating Gradient Synchrotron research project. Output power rating 175 KW dc. Also available in ratings to 1000 KW dc.

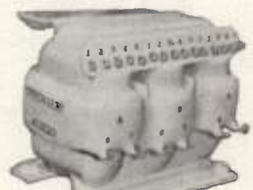
CONSTANT VOLTAGE STABILIZERS

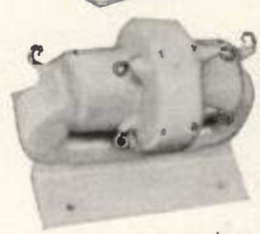
All designs are for continuous duty service with regulation ±1% of normal regardless of variations of input voltage. Current limiting design protects unit against overloads. Available in standard stock models from 15 va thru 2 kva. Primary voltage 95-130; 190-260. Secondary voltage: 6.3; 120; 240. Write for catalog.



MINIATURE AND HIGH TEMPERATURE TRANSFORMERS

Our experience in designing and producing transformers for high temperature operation is of definite value if you need a supply source for such components. Several hundred designs have been produced successfully. Write for catalog.





SAA 3431/1888

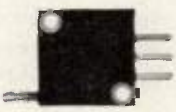
Acme Electric
TRANSFORMERS

ACME ELECTRIC CORPORATION
316 Water St. Cuba, N. Y.
In Canada: Acme Electric Corp., Ltd.,
50 Northline Rd., Toronto, Ont.

TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

DAYSTROM SQUARETRIM POTENTIOMETERS

Squaretrim Series	144 models /300 series	96 models /301 series	144 models /303 series	32 models /311 series
				
Resistance Ranges and Resolutions	10Ω–1.00% 1K–.32% 20Ω– .77 2K–.23 50Ω– .65 5K–.20 100Ω– .52 10K–.125 200Ω– .50 20K–.096 500Ω– .36 50K–.086	10Ω–1.00% 1K–.32% 20Ω– .77 2K–.23 50Ω– .65 5K–.20 100Ω– .52 10K–.125 200Ω– .50 20K–.096 500Ω– .36 50K–.086	50Ω–0.65% 5K–0.18% 100Ω– .42 10K– .155 200Ω– .35 20K– .130 500Ω– .35 50K– .070 1K– .30 100K– .062 2K– .23 150K– .052 3K– .20	20K–(∞) 200K–(∞) 50K–(∞) 500K–(∞) 75K–(∞) 750K–(∞) 100K–(∞) 1 MEG–(∞)
Power	1 watt (still air)	1 watt (still air)	1.5 watts (still air)	0.5 watt (still air)
Size	0.5″ x 0.5″ x 0.187″	0.5″ x 0.5″ x 0.187″	0.75″ x 0.75″ x 0.280″	0.5″ x 0.5″ x 0.187″
Operating Temp.	−55 to +150°C	−55 to +150°C	−55 to +150°C	−55 to +85°C

Squaretrim Series	96 models /312 series	96 models /313 series	144 models /315 series	144 models /316 series
				
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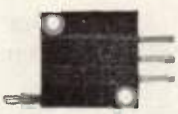
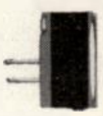
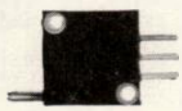
Power	1 watt (still air)	1.5 watts (still air)	1 watt (still air)	1 watt (still air)
Size	0.5″ x 0.5″ x 0.195″	0.5″ x 0.5″ x 0.187″	0.5″ x 0.5″ x 0.200″	0.5″ x 0.5″ x 0.195″
Operating Temp.	−55 to +150°C	−55 to +200°C	−55 to +150°C	−55 to +150°C

Squaretrim Series	96 models /356 series	144 models /357 series	96 models /358 series
			
Resistance Ranges and Resolutions	10Ω–1.00% 1K–.32% 20Ω– .77 2K–.23 50Ω– .65 5K–.20 100Ω– .52 10K–.125 200Ω– .50 20K–.096 500Ω– .36 50K–.086	10Ω–1.00% 1K–.32% 20Ω– .77 2K–.23 50Ω– .65 5K–.20 100Ω– .52 10K–.125 200Ω– .50 20K–.096 500Ω– .36 50K–.086	10Ω–1.00% 1K–.32% 20Ω– .77 2K–.23 50Ω– .65 5K–.20 100Ω– .52 10K–.125 200Ω– .50 20K–.096 500Ω– .36 50K–.086
Power	1 watt (still air)	1 watt (still air)	1 watt (still air)
Size	0.5″ x 0.5″ x 0.195″	0.5″ x 0.5″ x 0.200″	0.5″ x 0.5″ x 0.195″
Operating Temp.	−55 to +200°C	−55 to +200°C	−55 to +200°C

NEWEST 200 SERIES

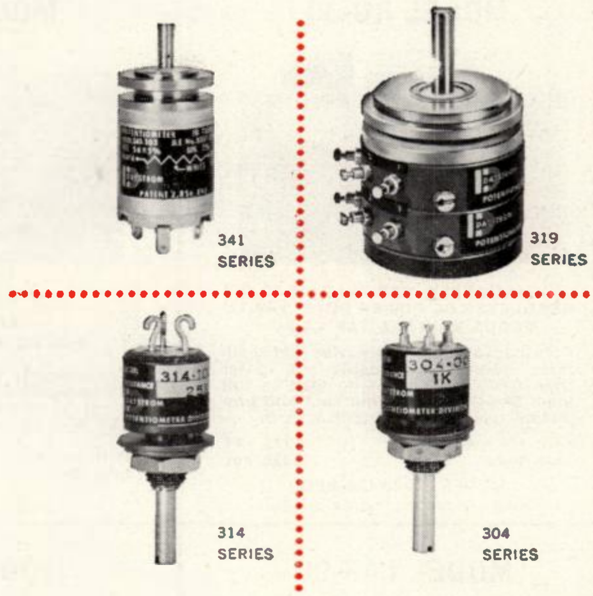
All pots shown actual sizes.

ealities: (1) Daystrom originated e square trimming pot, holds many basic atents on it, and offers advantages not btainable with any other product; (2) we eliver 1,688 standard models of our quaretrim precision potentiometers, ereby giving you greatest design latiide; (3) our specs are field proven and alistically derived from testing under nvironmental stress, not "ideal" lab con-tions; (4) standard Squaretrims avail-ble with or without stops...special end alues with stops available on order; (5) ur huge new facility is the most modern f its kind in the world, producing thou-ands of pots per day. Check the specs, en the facts behind the specs, and you'll e why Daystrom delivers the best.

168 models/ 318 series	144 models/ 355 series
	
10Ω–1.00% 1K–.32% 20Ω– .77 2K–.23 50Ω– .65 5K–.20 100Ω– .52 10K–.125 200Ω– .50 20K–.096 500Ω– .36 50K–.086	10Ω–1.00% 1K–.32% 20Ω– .77 2K–.23 50Ω– .65 5K–.20 100Ω– .52 10K–.125 200Ω– .50 20K–.096 500Ω– .36 50K–.086
1.5 watts (still air) 0.5" x 0.5" x 0.255" –55 to +200°C	1 watt (still air) 0.5" x 0.5" x 0.200" –55 to +200°C

Only 3/8" square and 1/8" thick: 27 pack in one cubic inch! Rated at one watt *in till air*. Resistance ranges from 10Ω to 50K. perating temperature from –55 to +150°C. all or write for complete specifications.

DAYSTROM ROTARY POTENTIOMETERS



Examples: (1) The patented 341 Series ten-turn has zero backlash, finer resolution, and absolute continuity. Resistance ranges: from 1K to 600K. Power: 2.5 watts *in still air*. (2) The gangable 319 Series permits phasing individual ganged pots in 15 or 20 seconds without disassembly! Resistance ranges, one unit: 100Ω to 200K. Power, one unit: 2 watts *in still air*. (3) The tiny 314 Series operates to 250°C, dissipates 3 watts *in still air* at 50°C! Case is only 1/2" x 11/32". Weight is only 10 grams. Resistance ranges: from 10Ω to 50K. (4) The 304 Series offers standard linearities of 0.3 to 3%, special order linearities as fine as 0.18%! Resistance ranges: from 10Ω to 50K. Power: 2 watts *in still air*.

These are but a few of the advantages of Daystrom Squaretrim and Rotary Potentiometers. Call or write your Daystrom supplier or the main office for complete specifications.

DAYSTROM, INCORPORATED
POTENTIOMETER DIVISION
ARCHBALD, PENNSYLVANIA • LOS ANGELES, CALIFORNIA

SPELLMAN RF TYPE DC **HIGH VOLTAGE** POWER SUPPLIES

MODEL RG-30

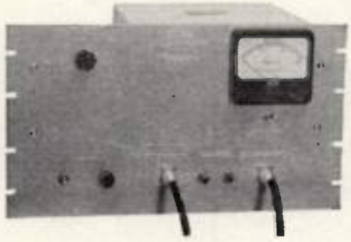
CONTINUOUSLY VARIABLE 15-30 KV REGULATED DC POWER SUPPLY WITH FOCUS VOLTAGE TAP 4-6 KV

Continuous duty supply with highly filtered outputs and regulations better than 0.5% at 1 ma.—no load to full load. Designed for flying spot and projection use. 19"W x 10½"H x 13"D.

With HV meter .... **$375 net**
Less meter .... **$325 net**

MODEL RG-40 (20-40KV) also available at same prices.

MODEL PN-30



REVERSIBLE 0-30 KV DC POWER SUPPLY

Continuously variable—reversible 0-30 KV unregulated. Current output approx. 2 ma. at 20 KV. 1 ma. at 30 KV. Input: 117 V-60 cycles. 19"W x 10½"H x 13"D

With HV meter .... **$275 net**
Less meter .... **$225 net**

MODEL 2040

40 KV DC POWER SUPPLY

Voltage range variable 12 to above 40 KV. Current output 1 ma. at 30 KV. Input: 117 V-60 cycles. 19"W x 12¼"H x 13"D

With HV meter .... **$215 net**
Less meter .... **$165 net**

MODEL LAB-90

0-90 KV REGULATED DC POWER SUPPLY

Continuously variable. Output current: .7 ma. at 90 KV. 2 ma. from 40 KV down. Voltage regulations better than 1% throughout range. Input: 117 V-60 cycles. 21¾"W x 28"H x 18"D

With HV meter .... **$900 net**

MODEL LAB-60

CONTINUOUSLY VARIABLE 0-60 KV DC REGULATED POWER SUPPLY

Current output: 1 ma. at 60 KV 2 ma. may be drawn from 50 KV down. Regulations — no load to full load 1% at 1 ma. 21"W x 22¾"H x 18"D

With HV meter .... **$765 net**

MODEL LAB-60PN—Reversible polarity with same specifications as above. **$820 net**

MODEL LAB-30PN

REVERSIBLE POLARITY CONTINUOUSLY VARIABLE 1-30 KV REGULATED DC POWER SUPPLY

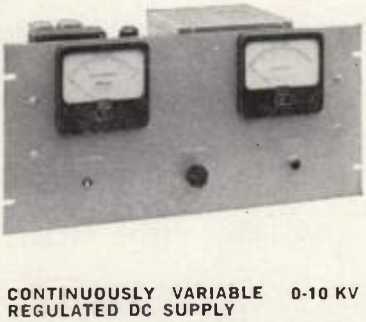
Regulations of 0.5% at 2 ma. Polarity reversible from front panel.

With HV meter .... **$645 net**
Less meter 21"W x 14"H x 15"D **$595 net**

MODEL LAB-30 — with same electrical characteristics as above. Available in either positive or negative polarity.

With HV meter .... **$545 net**
Less meter .... **$495 net**

MODEL LAB-10



CONTINUOUSLY VARIABLE 0-10 KV REGULATED DC SUPPLY

Output current 2 ma. Regulations better than 1%. Complete with HV and current meters 19"W x 8¾"H x 13"D **$275 net**

MODEL 7516

20 KV — .5 ma. DC POWER SUPPLY

Voltage output of approx. 10 to 20 KV. To obtain output voltage of 10 KV at 1 ma., low voltage input requirement is 300 V DC at 50 ma. Maximum input voltage of 425 V at 100 ma. will give an output of 20 KV at .5 ma.
5¾"W x 8¼"H x 6¾"D **$48.50 net**

MODEL 4575

5 KV — 1 ma. DC POWER SUPPLY

For an output voltage of 5 KV DC at 1 milliampere, the low voltage input requirement is 250 V at 50 milliamperes. By varying the DC input the output voltage can be varied from approx. 1 KV to 7½ KV. Dimensions: 5⅝" high x 5" deep x 4¼" wide. In completely enclosed metal housing **$32.50 net**

MODEL 4575-2 — same as above with 2 ma. output at 5 KV **$42.50 net**

MODEL 4575PN — Reversible polarity. High voltage secondary floating or can be grounded. 1 ma. at 5 KV **$42.50 net**

MODEL 4575-2PN—Reversible polarity. 2 ma. at 5 KV .... **$52.50 net**

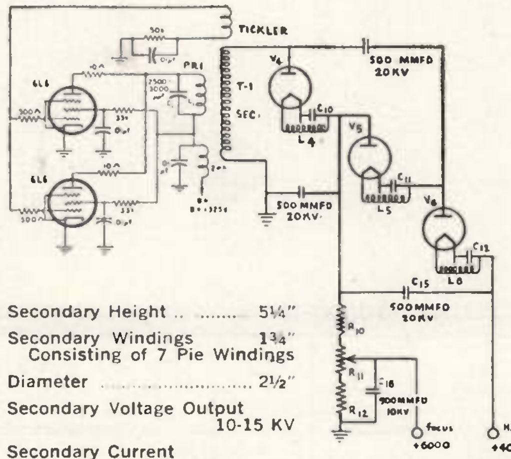
SPELLMAN HIGH VOLTAGE CO., INC. | 1930 Adee Ave., Bronx 69, N.Y. Kingsbridge 7-0306

SPELLMAN **HIGH VOLTAGE** COILS and TRANSFORMERS

COIL MODEL 10-15 KV | **COIL MODEL 10-15 KV-1** | **COIL MODEL 10-15 KV-2**

10-15 KV
$12.00 Net

10-15 KV-1 with filament winding for single 1B3 rectifier .... **$12.50 net**
10-15 KV-2 with 2 filament windings for two 1B3 rectifiers .... **$13.00 net**



Secondary Height	5¼"
Secondary Windings Consisting of 7 Pie Windings	1¾"
Diameter	2½"
Secondary Voltage Output	10-15 KV
Secondary Current	2 Milliamperes
Approx. Frequency	175 KC

L4, L5, L6 are Spellman RF Filament Transformers

5KV Coil
Voltage output 5KV at 2 ma.
$7.00 Net

25 KV Coil .... **$36.00 net**
Voltage output 25KV at 5 ma.
35 KV Coil .... **$42.00 net**
Voltage output 35KV at 5 ma.

MODEL 7512

12KV — 1 ma. DC Power Supply
Voltage output of approx. 7.5 to 12 KV. 1 ma. of current may be drawn throughout the voltage range. To obtain an output voltage of 7.5 KV at 1 ma., low voltage input requirement is 300 V DC at 50 ma. By varying the DC input, the output voltage can be increased. Maximum input voltage of 425 V at 100 ma. will give an output of 12 KV at 1 ma. 5¾" W., 8¼" H., 6¾" D.
$42.50 net

MODEL 7516—Same as above with output of 16 KV at .5 ma.
$48.50 net

RF FILAMENT TRANSFORMERS

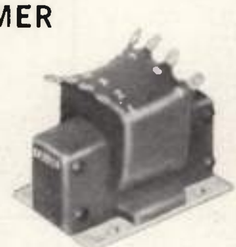
A self-resonant auto transformer for use with type 1B3 Rectifier tube. Complete with instructions.

Will operate with Spellman HV coils **$1.50**
Tuning Padder for Filament Transformer .... **.58**

HIGH VOLTAGE TRANSFORMER FOR TRANSISTORIZED 7KV DC POWER SUPPLY

For a transistorized full wave DC to DC Converter. For 25 Volt DC input. Output voltage 7KV DC at .5 ma. may be obtained. Supplied with operating circuit diagram. Completely encapsulated. 2"H x 2¾"W x 1¾"D.

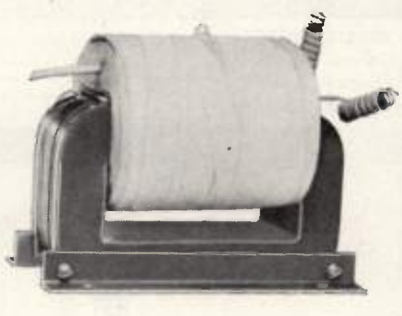
MODEL T-7A .... **$24.00 net**



TRANSISTORIZED HIGH VOLTAGE TRANSFORMER

Designed for input voltage from 11 to 15 Volts DC. Input current from 2 to 10 amps. Output voltage from single rectifier stage 10 KV at 2 ma. Supplied with operating circuit diagram showing transistors and rectifier for an operational power supply. Completely encapsulated.
4"H x 3¼"W x 4"D.

MODEL T-10 .... **$28.00 net**



HYPERSIL CORE OIL INSULATED HIGH VOLTAGE TRANSFORMER

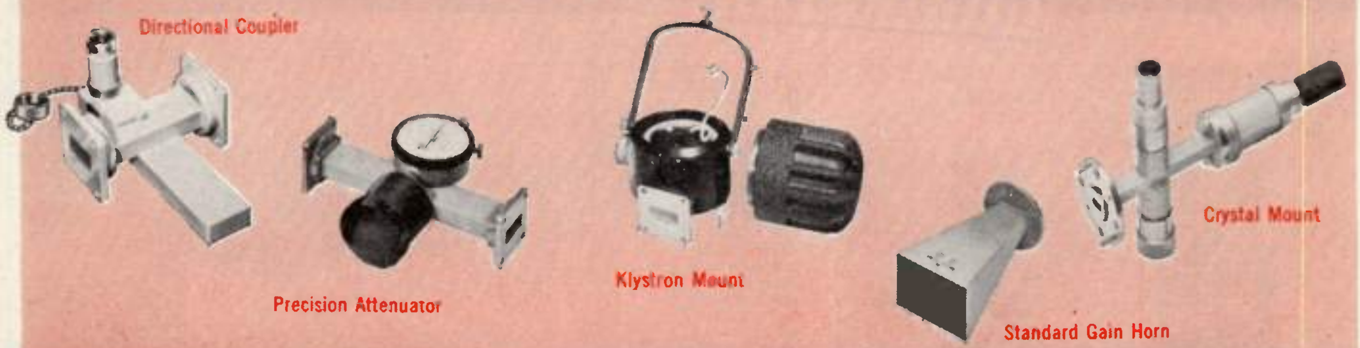
Voltage input 110 Volts AC. Output 20 KV Rms. Suitable for use in 50 KV DC 10 ma. Power Supply.

MODEL HV-20 .... **$51.00 net**

SPELLMAN HIGH VOLTAGE CO., INC. | 1930 Adee Ave., Bronx 69, N.Y. Kingsbridge 7-0306

TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

ULTRAMICROWAVE®



Size Designation / Frequency Band in KMC / Waveguide Nomenclature	DBW 90-140 RG-138/U Cat. No.	Price	DBA 60-90 RG-99/U Cat. No.	Price	DBB 50-75 RG-98/U Cat. No.	Price	DBC 33-50 RG-97/U Cat. No.	Price
Tube Mounts								
Klystron Tube Mount								
Noise Tube Mount with Tube							DBC-140-T	$325
Transmission Line Components								
Adapters, Choke to Cover								
Tapered Transitions	DBWB-018	$125	DBAB-018	$100	DBBC-018	[illegible]	DBCD-018	[illegible]
Rect. to Cylindrical Transitions			DBA-030	$165	DBB-030	$165	DBC-030	[illegible]
N.B. Waveguide Transformers								
*Straight Sections	DBW-210	$58	DBA-210	$44	DBB-210	$44	DBC-210	[illegible]
90° E-Plane Elbows	DBW-224	$125	DBA-224	$44	DBB-224	$44	DBC-224	$44
90° H-Plane Elbows	DBW-234	$125	DBA-234	$44	DBB-234	$44	DBC-234	$44
Rotating Joints 90-90								
Rotating Joints 90-Col								
Rotating Joints Col-90								
Rotating Joints Col-Col								
90° Twisted Sections	DBW-274	$117	DBA-274	$44	DBB-274	$44	DBC-274	$44
Bulkhead Flanges			DBA-275	$50	DBB-275	$50	DBC-275	$50
Bulkhead Flanges with Seals			DBA-275-1	[illegible]	DBB-275-1	[illegible]	DBC-275-1	[illegible]
Pressurizing Units			DBA-276	[illegible]	DBB-276	$65	DBC-276	[illegible]
Crystal Mounts & Multipliers								
Crystal Mounts			DBA-310	$98	DBB-310	[illegible]	DBC-310	$88
Crystal Mts., thru Guide w/Xtal	DBW-312	$272	DBA-312	$272	DBB-312	$272	DBC-312	$272
Crystal Mounts, Movable Short	DBW-313	[illegible]	DBA-313	$130	DBB-313	$125	DBC-313	$120
Tunable Crystal Mounts			DBA-319	[illegible]	DBB-319	$229	DBC-319	[illegible]
Crystal Multipliers					DBBW-350	$453	DBCA-350	[illegible]
Power Absorbing Units								
Precision Attenuators	DBW-410	[illegible]	DBA-410	[illegible]	DBB-410	[illegible]	DBC-410	$358
Variable Attenuators	DBW-430	[illegible]	DBA-430	$130	DBB-430	[illegible]	DBC-430	$120
Variable Attenuators, Calibrated			DBA-430-1	$178	DBB-430-1	[illegible]	DBC-430-1	$148
Fixed Attenuators			DBA-440A	[illegible]	DBB-440A	[illegible]	DBC-440A	$88
Low Power Terminations	DBW-450	$165	DBA-450	$75	DBB-450	[illegible]	DBC-450	$35
Movable Low Power Terminations			DBA-456A	$115	DBB-456A	[illegible]	DBC-456A	[illegible]
Movable Term. with Extension			DBA-456	$132	DBB-456	[illegible]	DBC-456	$112
Movable Term. with Ext. & Vernier			DBA-456-1	[illegible]	DBB-456-1	[illegible]	DBC-456-1	[illegible]
Tunable Low Power Terminations			DBA-459	$205	DBB-459	[illegible]	DBC-459	$185
High Power Terminations			DBA-460	$120	DBB-460	$110	DBC-460	$100
Horns								
Pickup Horns			DBA-510	$83	DBB-510	$83	DBC-510	$83
Standard Gain Horns, 10 DB, 15 DB	DBW-520	$180	DBA-520	$92	DBB-520	$92	DBC-520	$92
Standard Gain Horns, 20 DB			DBA-520	$106	DBB-520	$106	DBC-520	$106
Conical Horns			DBA-530	$165	DBB-530	$165	DBC-530	$165
Tees, Junctions and Mixers								
E Plane Tees	DBW-610	$150	DBA-610	$85	DBB-610	[illegible]	DBC-610	$58
Waveguide Switches, 2 Way			DBA-616	$600	DBB-616	$600	DBC-616	$600
Waveguide Switches, 4 Way			DBA-617	$590	DBB-617	$590	DBC-617	$590
H Plane Tees	DBW-620	$150	DBA-620	$85	DBB-620	[illegible]	DBC-620	$58
Basic Directional Couplers			DBA-630	$135	DBB-630	[illegible]	DBC-630	$115
Directional Couplers, Flg. to Term.			DBA-631	$145	DBB-631	[illegible]	DBC-631	[illegible]
Directional Couplers, Coax. to Term.								
Directional Couplers, Xtal. to Flg.			DBA-633	[illegible]	DBB-633	$185	DBC-633	$175
Directional Couplers, Xtal. to Term.			DBA-634	$205	DBB-634	$195	DBC-634	[illegible]
Magic Tees	DBW-650	[illegible]	DBA-650	$83	DBB-650	[illegible]	DBC-650	[illegible]
Matched Magic Tees			DBA-655	[illegible]	DBB-655	$180	DBC-655	$170
Balanced Crystal Mixers			DBA-665	[illegible]	DBB-665	[illegible]	DBC-665	[illegible]

Size Designation / Frequency Band in KMC / Waveguide Nomenclature	DBD 26.5-40 RG-96/U Cat. No.	Price	DBE 18-26.5 RG-53/U Cat. No.	Price	DBF 12.4-18 RG-91/U Cat. No.	Price	DBG 8.2-12.4 RG-52/U Cat. No.	Price
Tube Mounts								
Klystron Tube Mount			DBE-111	$42			DBG-111-1	$215
Noise Tube Mount with Tube	DBD-140-T	$278	DBE-140-T	$225	DBF-140-T	$230	DBG-140-T	$200
Transmission Line Components								
Adapters, Choke to Cover	DBD-010	[illegible]	DBE-010	[illegible]	DBF-010	[illegible]	DBG-010	[illegible]
Tapered Transitions	DBDE-018	[illegible]	DBEF-018	$75	DBFG-018	[illegible]	DBGH-018	$45
Rect. to Cylindrical Transitions	DBD-030	$165	DBE-030	$165	DBF-030	[illegible]	DBG-030	$160
N.B. Waveguide Transformers					DBF-057	[illegible]	DBG-057	$39
*Straight Sections	DBD-210	[illegible]	DBE-210	[illegible]	DBF-210	[illegible]	DBG-210	$23
90° E-Plane Elbows	DBD-224	$44	DBE-224	[illegible]	DBF-224	[illegible]	DBG-224	$31
90° H-Plane Elbows	DBD-234	$44	DBE-234	[illegible]	DBF-234	[illegible]	DBG-234	$31
Rotating Joints 90-90	DBD-266-1	$322	DBE-266-1	[illegible]	DBF-266-1	[illegible]	DBG-266-1	$228
Rotating Joints 90-Col	DBD-266-2	$342	DBE-266-2	[illegible]	DBF-266-2	[illegible]	DBG-266-2	[illegible]
Rotating Joints Col-90	DBD-266-3	$342	DBE-266-3	[illegible]	DBF-266-3	[illegible]	DBG-266-3	[illegible]
Rotating Joints Col-Col	DBD-266-4	[illegible]	DBE-266-4	[illegible]	DBF-266-4	[illegible]	DBG-266-4	[illegible]
90° Twisted Sections	DBD-274	$44	DBE-274	[illegible]	DBF-274	[illegible]	DBG-274	$31
Bulkhead Flanges	DBD-275	$50	DBE-275	[illegible]	DBF-275	[illegible]	DBG-275	[illegible]
Bulkhead Flanges with Seals	DBD-275-1	[illegible]	DBE-275-1	[illegible]	DBF-275-1	[illegible]	DBG-275-1	$71
Pressurizing Units	DBD-276	[illegible]	DBE-276	[illegible]	DBF-276	[illegible]	DBG-276	[illegible]
Crystal Mounts & Multipliers								
Crystal Mounts	DBD-310	$83	DBE-310	[illegible]	DBF-310	[illegible]	DBG-310	[illegible]
Crystal Mts., thru Guide w/Xtal	DBD-312	$272						
Crystal Mounts, Movable Short	DBD-313	$110	DBE-313	$110	DBF-313	$110	DBG-313	[illegible]
Tunable Crystal Mounts	DBD-319	[illegible]	DBE-319	[illegible]	DBF-319	$220	DBG-319	[illegible]
Crystal Multipliers	DBDB-350	$328	DBEC-350	$328	DBFC-350	$273	DBGE-350	[illegible]
Power Absorbing Units								
Precision Attenuators	DBD-410	[illegible]	DBE-410	[illegible]	DBF-410	$270	DBG-410	$250
Variable Attenuators	DBD-430	$115	DBE-430	$110	DBF-430	[illegible]	DBG-430	$200
Variable Attenuators, Calibrated	DBD-430-1	[illegible]	DBE-430-1	[illegible]				
Fixed Attenuators	DBD-440A	[illegible]	DBE-440A	[illegible]	DBF-440A	[illegible]	DBG-440A	[illegible]
Low Power Terminations	DBD-450	[illegible]	DBE-450	[illegible]	DBF-450	[illegible]	DBG-450	[illegible]
Movable Low Power Terminations	DBD-456A	$75	DBE-456A	[illegible]	DBF-456A	[illegible]	DBG-456A	[illegible]
Movable Term. with Extension	DBD-456	[illegible]	DBE-456	[illegible]	DBF-456	[illegible]	DBG-456	[illegible]
Movable Term. with Ext. & Vernier	DBD-456-1	[illegible]	DBE-456-1	$109	DBF-456-1	[illegible]	DBG-456-1	[illegible]
Tunable Low Power Terminations	DBD-459	[illegible]	DBE-459	[illegible]	DBF-459	[illegible]	DBG-459	[illegible]
High Power Terminations	DBD-460	[illegible]	DBE-460	[illegible]	DBF-460	[illegible]	DBG-460	[illegible]
Horns								
Pickup Horns	DBD-510	[illegible]	DBE-510	$83	DBF-510	$72	DBG-510	$71
Standard Gain Horns, 10 DB, 15 DB	DBD-520	$92	DBE-520	$92	DBF-520	$84	DBG-520	$82
Standard Gain Horns, 20 DB	DBD-520	$106	DBE-520	$106	DBF-520	[illegible]	DBG-520	$94
Conical Horns	DBD-530	$165	DBE-530	$165	DBF-530	$182	DBG-530	$178
Tees, Junctions and Mixers								
E Plane Tees	DBD-610	$58	DBE-610	$51	DBF-610	$41	DBG-610	[illegible]
Waveguide Switches, 2 Way	DBD-616	[illegible]	DBE-616	[illegible]	DBF-616	$537	DBG-616	[illegible]
Waveguide Switches, 4 Way	DBD-617	[illegible]	DBE-617	$544	DBF-617	[illegible]	DBG-617	[illegible]
H Plane Tees	DBD-620	$58	DBE-620	$51	DBF-620	$41	DBG-620	[illegible]
Basic Directional Couplers	DBD-630	$110	DBE-630	$77	DBF-630	$61	DBG-630	[illegible]
Directional Couplers, Flg. to Term.	DBD-631	[illegible]	DBE-631	[illegible]	DBF-631	[illegible]	DBG-631	[illegible]
Directional Couplers, Coax. to Term.					DBF-632	$100	DBG-632	[illegible]
Directional Couplers, Xtal. to Flg.	DBD-633	[illegible]	DBE-633	$150	DBF-633	$125	DBG-633	[illegible]
Directional Couplers, Xtal. to Term.	DBD-634	[illegible]	DBE-634	$159	DBF-634	$132	DBG-634	[illegible]
Magic Tees	DBD-650	[illegible]	DBE-650	[illegible]	DBF-650	[illegible]	DBG-650	[illegible]
Matched Magic Tees	DBD-655	[illegible]	DBE-655	$150	DBF-655	$90	DBG-655	$87
Balanced Crystal Mixers	DBD-665	[illegible]	DBE-665	$375	DBF-665	[illegible]	DBG-665	[illegible]

Size Designation / Frequency Band in KMC / Waveguide Nomenclature	DBH 7.05-10.0 RG-51/U Cat. No.	Price	DBJ 5.85-8.2 RG-50/U Cat. No.	Price	DBK 3.95-5.85 RG-49/U Cat. No.	Price	DBL 2.6-3.95 RG-48/U Cat. No.	Price
Tube Mounts								
Klystron Tube Mount	DBH-111-1	$225	DBJ-111-1	$260	DBK-111-1	$270	DBL-111-1	[illegible]
Noise Tube Mount with Tube	DBH-140-T	$210	DBJ-140-T	$235	DBK-140-T	[illegible]	DBL-140-T	[illegible]
Transmission Line Components								
Adapters, Choke to Cover	DBH-010	[illegible]	DBJ-010	[illegible]	DBK-010	[illegible]	DBL-010	[illegible]
Tapered Transitions	DBHJ-018	$100	DBJK-018	[illegible]	DBKL-018	[illegible]		
Rect. to Cylindrical Transitions			DBJ-030	[illegible]				
N.B. Waveguide Transformers	DBH-057	[illegible]	DBJ-057	[illegible]	DBK-057	[illegible]	DBL-057	[illegible]
*Straight Sections	DBH-210	[illegible]	DBJ-210	$37	DBK-210	[illegible]	DBL-210	[illegible]
90° E-Plane Elbows	DBH-224	[illegible]	DBJ-224	[illegible]	DBK-224	[illegible]	DBL-224	[illegible]
90° H-Plane Elbows	DBH-234	[illegible]	DBJ-234	[illegible]	DBK-234	[illegible]	DBL-234	[illegible]
Rotating Joints 90-90	DBH-266-1	[illegible]	DBJ-266-1	[illegible]	DBK-266-1	[illegible]	DBL-266-1	[illegible]
Rotating Joints 90-Col	DBH-266-2	$318	DBJ-266-2	[illegible]	DBK-266-2	[illegible]	DBL-266-2	[illegible]
Rotating Joints Col-90	DBH-266-3	[illegible]	DBJ-266-3	[illegible]	DBK-266-3	[illegible]	DBL-266-3	$615
Rotating Joints Col-Col	DBH-266-4	[illegible]	DBJ-266-4	[illegible]	DBK-266-4	[illegible]	DBL-266-4	$795
90° Twisted Sections	DBH-274	$35	DBJ-274	[illegible]	DBK-274	[illegible]	DBL-274	$110
Bulkhead Flanges	DBH-275	[illegible]	DBJ-275	[illegible]	DBK-275	[illegible]	DBL-275	$105
Bulkhead Flanges with Seals								
Pressurizing Units	DBH-276	$43	DBJ-276	[illegible]	DBK-276	[illegible]	DBL-276	[illegible]
Crystal Mounts & Multipliers								
Crystal Mounts	DBH-310	[illegible]	DBJ-310	[illegible]	DBK-310	$88	DBL-310	[illegible]
Crystal Mts., thru Guide w/Xtal								
Crystal Mounts, Movable Short	DBH-313	$125	DBJ-313	$140				
Tunable Crystal Mounts	DBH-319	[illegible]	DBJ-319	[illegible]	DBK-319	[illegible]	DBL-319	[illegible]
Crystal Multipliers	DBHF-350	[illegible]	DBJF-350	[illegible]	DBKG-350	[illegible]	DBLJ-350	[illegible]
Power Absorbing Units								
Precision Attenuators	DBH-410	[illegible]	DBJ-410	[illegible]	DBK-410	[illegible]	DBL-410	[illegible]
Variable Attenuators	DBH-430	[illegible]	DBJ-430	[illegible]	DBK-430	[illegible]	DBL-430	[illegible]
Variable Attenuators, Calibrated								
Fixed Attenuators	DBH-440A	[illegible]	DBJ-440A	[illegible]	DBK-440A	[illegible]	DBL-440A	$85
Low Power Terminations	DBH-450	[illegible]	DBJ-450	[illegible]	DBK-450	[illegible]	DBL-450	[illegible]
Movable Low Power Terminations	DBH-456A	[illegible]	DBJ-456A	[illegible]	DBK-456A	[illegible]	DBL-456A	$140
Movable Term. with Extension	DBH-456	$115	DBJ-456	[illegible]	DBK-456	[illegible]	DBL-456	$213
Movable Term. with Ext. & Vernier	DBH-456-1	[illegible]	DBJ-456-1	[illegible]	DBK-456-1	$181	DBL-456-1	[illegible]
Tunable Low Power Terminations	DBH-459	[illegible]	DBJ-459	[illegible]	DBK-459	[illegible]	DBL-459	[illegible]
High Power Terminations	DBH-460	[illegible]	DBJ-460	[illegible]	DBK-460	[illegible]	DBL-460	$150
Horns								
Pickup Horns	DBH-510	[illegible]	DBJ-510	$80	DBK-510	[illegible]	DBL-510	$110
Standard Gain Horns, 10 DB, 15 DB	DBH-520	$88	DBJ-520	[illegible]	DBK-520	[illegible]	DBL-520	$140
Standard Gain Horns, 20 DB	DBH-520	[illegible]	DBJ-520	$121	DBK-520	[illegible]	DBL-520	$255
Conical Horns			DBJ-530	[illegible]				
Tees, Junctions and Mixers								
E Plane Tees	DBH-610	$46	DBJ-610	[illegible]	DBK-610	[illegible]	DBL-610	$105
Waveguide Switches, 2 Way	DBH-616	$554	DBJ-616	[illegible]	DBK-616	[illegible]	DBL-616	$835
Waveguide Switches, 4 Way	DBH-617	[illegible]	DBJ-617	[illegible]	DBK-617	[illegible]	DBL-617	$822
H Plane Tees	DBH-620	[illegible]	DBJ-620	[illegible]	DBK-620	[illegible]	DBL-620	$105
Basic Directional Couplers	DBH-630	[illegible]	DBJ-630	[illegible]	DBK-630	[illegible]	DBL-630	[illegible]
Directional Couplers, Flg. to Term.	DBH-631	[illegible]	DBJ-631	[illegible]	DBK-631	[illegible]	DBL-631	$173
Directional Couplers, Coax. to Term.	DBH-632	[illegible]	DBJ-632	[illegible]	DBK-632	[illegible]	DBL-632	$216
Directional Couplers, Xtal. to Flg.	DBH-633	[illegible]	DBJ-633	[illegible]	DBK-633	[illegible]	DBL-633	[illegible]
Directional Couplers, Xtal. to Term.	DBH-634	[illegible]	DBJ-634	[illegible]	DBK-634	[illegible]	DBL-634	[illegible]
Magic Tees	DBH-650	[illegible]	DBJ-650	[illegible]	DBK-650	[illegible]	DBL-650	[illegible]
Matched Magic Tees	DBH-655	[illegible]	DBJ-655	[illegible]	DBK-655	[illegible]	DBL-655	[illegible]
Balanced Crystal Mixers	DBH-665	[illegible]	DBJ-665	[illegible]	DBK-665	[illegible]	DBL-665	[illegible]

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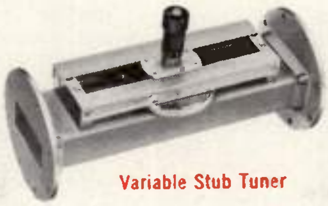
DE MORNAY

EQUIPMENT

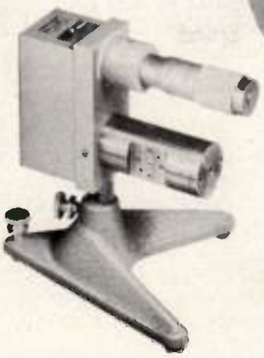

Precision Cavity Wavemeter


Variable Stub Tuner


Rotating Joint


Phase Shifter


Waveguide Switch


Ultramicrowave Cavity Wavemeter


Standing Wave Detector


Ferrite Isolator

Size Designation / Frequency Band in KMC / Waveguide Nomenclature	DBW 90-140 RG-138/U Cat. No.	Price	DBA 60-90 RG-99/U Cat. No.	Price	DBB 50-75 RG-98/U Cat. No.	Price	DBC 33-50 RG-97/U Cat. No.	Price
Frequency Meters								
Precision Cavity Wavemeters, Reaction Type	DBW-715-1	$1,109	DBA-715-1	$541	DBB-715-1	$541	DBC-715-1	$541
Absorption Type	DBW-715-2	$1,220	DBA-715-2	$575	DBB-715-2	$575	DBC-715-2	$575
Transmission Type			DBA-715-3	$580	DBB-715-3	$580	DBC-715-3	$580
Reference Cavity, Reaction Type			DBA-715-1A	$525	DBB-715-1A	$525	DBC-715-1A	$525
Reference Cavity, Absorption			DBA-715-2A	$560	DBB-715-2A	$560	DBC-715-2A	$560
Reference Cavity, Transmission			DBA-715-3A	$565	DBB-715-3A	$565	DBC-715-3A	$565
Impedance Meters								
Precision Standing Wave Detectors, Complete	DBW-825	$895	DBA-825	$610	DBB-825	$610	DBC-825	$610
Carriage Units Only	DB-820	$327	DB-820	$327	DB-820	$327	DB-820	$327
Waveguide Sections	DBW-821	$350	DBA-821	$206	DBB-821	$206	DBC-821	$206
Broadband Probes	DBW-822	[illegible]	DBA-822	$94	DBB-822	$94	DBC-822	$94
Phase Shifters, Tuners & Shorts								
Phase Shifters	DBW-915	$275	DBA-915	$150	DBB-915	$130	DBC-915	$120
Calibrated Phase Shifters	DBW-915-1	$355	DBA-915-1	$180	DBB-915-1	$160	DBC-915-1	$160
Variable Stub Tuners			DBA-919	$148	DBB-919	$148	DBC-919	$148
Cylindrical Phase Shifters			DBA-930	$165	DBB-930	$165	DBC-930	$165
Fixed Shorts			DBA-960	$6	DBB-960	$6	DBC-960	$6
Movable Shorts	DBW-969A	$150	DBA-969A	$73	DBB-969A	$68	DBC-969A	[illegible]
Movable Shorts with Vernier	DBW-969A-1	$217	DBA-969A-1	$97	DBB-969A-1	$92	DBC-969A-1	$87
Movable Shorts with Extension			DBA-969	$83	DBB-969	$78	DBC-969	$73
Movable Shorts with Ext. & Vernier			DBA-969-1	$107	DBB-969-1	$102	DBC-969-1	$97
E-H Plane Tuners	DBW-979	[illegible]	DBA-979	$175	DBB-979	$170	DBC-979	$165
E-H Plane Tuners with Vernier	DBW-979-1	$450	DBA-979-1	$223	DBB-979-1	$218	DBC-979-1	$213
Accessories								
Adjustable Waveguide Supports Ultramicrowave	DBW-1010	$6	DB-1010	$6	DB-1010	$6	DB-1010	$6
Adjustable Waveguide Supports Microwave								
Waveguide Chassis Mounting Stands	DBW-1012	$10	DBA-1012	$10	DBB-1012	$10	DBC-1012	$10
Waveguide Fastening Screws Pr.	DBW-1020	$1.10	DBA-1020	$1.10	DBB-1020	$1.10	DBC-1020	$1.10
Waveguide Window Seals			DBA-1100	$38	DBB-1100	$38	DBC-1100	$38

Size Designation / Frequency Band in KMC / Waveguide Nomenclature	DBD 26.5-40 RG-96/U Cat. No.	Price	DBE 18-26.5 RG-53/U Cat. No.	Price	DBF 12.4-18 RG-91/U Cat. No.	Price	DBG 8.2-12.4 RG-52/U Cat. No.	Price
Frequency Meters								
Precision Cavity Wavemeters, Reaction Type	DBD-715-1	$541	DBE-715-1	$541	DBF-715-1	$503	DBG-715-1	$487
Absorption Type	DBD-715-2	$575	DBE-715-2	$575	DBF-715-2	$536	DBG-715-2	$520
Transmission Type	DBD-715-3	$580	DBE-715-3	$580	DBF-715-3	$542	DBG-715-3	$525
Reference Cavity, Reaction Type	DBD-715-1A	$525	DBE-715-1A	$525	DBF-715-1A	$487	DBG-715-1A	$470
Reference Cavity, Absorption	DBD-715-2A	$560	DBE-715-2A	$560	DBF-715-2A	$520	DBG-715-2A	$503
Reference Cavity, Transmission	DBD-715-3A	$565	DBE-715-3A	$565	DBF-715-3A	$525	DBG-715-3A	$509
Impedance Meters								
Precision Standing Wave Detectors, Complete	DBD-825	$564	DBE-825	$564	DBF-825	$525	DBG-825	$465
Carriage Units Only	DB-820	$327	DB-820	$327	DB-820	$327	DB-820-1	$267
Waveguide Sections	DBD-821	$179	DBE-821	$179	DBF-821	$152	DBG-821	$152
Broadband Probes	DBD-822	$75	DBE-822	$75	DBF-822	$61	DBG-822	$61
Phase Shifters, Tuners & Shorts								
Phase Shifters	DBD-915	$115	DBE-915	$110	DBF-915	$220	DBG-915	$200
Calibrated Phase Shifters	DBD-915-1	$145	DBE-915-1	$140	DBF-915-1	$270	DBG-915-1	$250
Variable Stub Tuners	DBD-919	$148	DBE-919	$148	DBF-919	$152	DBG-919	$147
Cylindrical Phase Shifters	DBD-930	$165	DBE-930	$165	DBF-930	$160	DBG-930	$160
Fixed Shorts	DBD-960	$6	DBE-960	$6	DBF-960	$8	DBG-960	$5
Movable Shorts	DBD-969A	[illegible]	DBE-969A	[illegible]	DBF-969A	$63	DBG-969A	[illegible]
Movable Shorts with Vernier	DBD-969A-1	$82	DBE-969A-1	[illegible]	DBF-969A-1	$113	DBG-969A-1	$110
Movable Shorts with Extension	DBD-969	[illegible]	DBE-969	[illegible]	DBF-969	$87	DBG-969	[illegible]
Movable Shorts with Ext. & Vernier	DBD-969-1	$92	DBE-969-1	[illegible]	DBF-969-1	$137	DBG-969-1	$132
E-H Plane Tuners	DBD-979	$160	DBE-979	$145	DBF-979	$165	DBG-979	$158
E-H Plane Tuners with Vernier	DBD-979-1	$208	DBE-979-1	[illegible]	DBF-979-1	$215	DBG-979-1	$208
Accessories								
Adjustable Waveguide Supports Ultramicrowave	DB-1010	$6	DB-1010	$6				
Adjustable Waveguide Supports Microwave	DB-1010-1	$14	DB-1010-1	$14	DB-1010-1	$14	DB-1010-1	$14
Waveguide Chassis Mounting Stands	DBD-1012	$10	DBE-1012	$10	DBF-1012	$10	DBG-1012	$11
Waveguide Fastening Screws Pr.	DBD-1020	$1.10	DBE-1020	$1.10	DBF-1020	$1.10	DBG-1020	$1.10
Waveguide Window Seals	DBD-1100	$38	DBE-1100	$38	DBF-1100	$39	DBG-1100	$33

Size Designation / Frequency Band in KMC / Waveguide Nomenclature	DBH 7.05-10.0 RG-51/U Cat. No.	Price	DBJ 5.85-8.2 RG-50/U Cat. No.	Price	DBK 3.95-5.85 RG-49/U Cat. No.	Price	DBL 2.6-3.95 RG-48/U Cat. No.	Price
Frequency Meters								
Precision Cavity Wavemeters, Reaction Type	DBH-715-1	$525	DBJ-715-1	$564	DBK-715-1	$613	DBL-715-1	$839
Absorption Type	DBH-715-2	$558	DBJ-715-2	$597	DBK-715-2	$646	DBL-715-2	$883
Transmission Type	DBH-715-3	$564	DBJ-715-3	$608	DBK-715-3	$657	DBL-715-3	$894
Reference Cavity, Reaction Type	DBH-715-1A	$509	DBJ-715-1A	$547	DBK-715-1A	$597	DBL-715-1A	$800
Reference Cavity, Absorption	DBH-715-2A	$542	DBJ-715-2A	$580	DBK-715-2A	$630	DBL-715-2A	$844
Reference Cavity, Transmission	DBH-715-3A	$547	DBJ-715-3A	$591	DBK-715-3A	$641	DBL-715-3A	$855
Impedance Meters								
Precision Standing Wave Detectors, Complete	DBH-825	$470	DBJ-825	$479				
Carriage Units Only	DB-820-1	$267	DB-820-1	$267				
Waveguide Sections	DBH-821	$157	DBJ-821	$196				
Broadband Probes	DBH-822	$61	DBJ-822	$61				
Phase Shifters, Tuners & Shorts								
Phase Shifters	DBH-915	[illegible]	DBJ-915	[illegible]	DBK-915	$275	DBL-915	$315
Calibrated Phase Shifters	DBH-915-1	[illegible]	DBJ-915-1	$310	DBK-915-1	$325	DBL-915-1	$380
Variable Stub Tuners	DBH-919	[illegible]	DBJ-919	$165	DBK-919	$180	DBL-919	$230
Cylindrical Phase Shifters			DBJ-930	$204				
Fixed Shorts	DBH-960	[illegible]	DBJ-960	$10	DBK-960	$11	DBL-960	$13
Movable Shorts	DBH-969A	[illegible]	DBJ-969A	$82	DBK-969A	$92	DBL-969A	$120
Movable Shorts with Vernier	DBH-969A-1	[illegible]	DBJ-969A-1	$150	DBK-969A-1	$160	DBL-969A-1	$188
Movable Shorts with Extension	DBH-969	[illegible]	DBJ-969	$118	DBK-969	$135	DBL-969	$188
Movable Shorts with Ext. & Vernier	DBH-969-1	[illegible]	DBJ-969-1	[illegible]	DBK-969-1	$203	DBL-969-1	$256
E-H Plane Tuners	DBH-979	[illegible]	DBJ-979	[illegible]	DBK-979	[illegible]	DBL-979	$325
E-H Plane Tuners with Vernier	DBH-979-1	$250	DBJ-979-1	$300	DBK-979-1	$335	DBL-979-1	$400
Accessories								
Adjustable Waveguide Supports Ultramicrowave								
Adjustable Waveguide Supports Microwave	DB-1010-1	$14	DB-1010-1	$14	DB-1010-2	$14	DB-1010-2	$14
Waveguide Chassis Mounting Stands	DBH-1012	$12	DBJ-1012	$14	DBK-1012	$15	DBL-1012	$17
Waveguide Fastening Screws Pr.	DBH-1020	$1.20	DBJ-1020	$1.30	DBK-1020	$1.30	DBL-1020	$1.65
Waveguide Window Seals	DBH-1100	$33						

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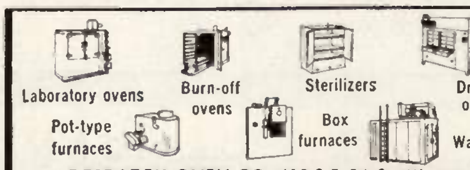

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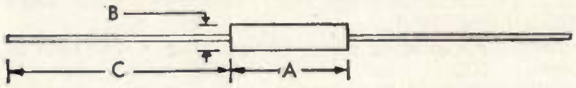

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DEPOSITED CARBON "R" COAT

Electra Part No.	Mil Style	Wattage	Mil Resistance Range	Manufactured Resistance Range	Maximum Rated Voltage	Length A ±1/32	Dia. B ±1/32	Leads Dia.	Lead Length C ±1/8
DC 1/10		1/10		10 ohms to 300 K	250	1/4	3/32	#22	1-1/2
DC 1/8		1/8		5 ohms 800 K	250	5/16	3/32	#26	1-1/2
DC 1/8X		1/8		100 ohms 1 meg	250	5/16	3/32	#22 capless	1-1/2
DC 1/4A	RN10X	1/4	5 ohms 1 meg	5 ohms 2 meg	300	15/32	3/32	#22	1-1/2
DC 1/4X		1/4		100 ohms 2 meg	300	7/16	1/8	#22 capless	1-1/2
DC 1/2C		1/2		3 ohms 4 meg	350	1/2	11/64	#20	1-1/2
DC 1/2A	RN20X	1/2	10 ohms 2.0 meg	4 ohms 5 meg	350	5/8	11/64	#20	1-1/2
DC 1/2B		1/2		10 ohms 5 meg	350	23/32	7/32	#20	1-1/2
DC 1/2		1/2		10 ohms 5 meg	500	13/16	11/64	#20	1-1/2
DC 1	RN25X	1	10 ohms 4.99 meg	8 ohms 26 meg	500	*15/16	19/64	#20	1-1/2
DC 2	RN30X	2	30 ohms 10 meg	15 ohms 90 meg	750	*2-1/16	19/64	#20	1-1/2
				*Tol. ± 1/16					

DEPOSITED CARBON MOLDED JACKET

Electra Part No.	Mil Style	Wattage	Mil Resistance Range	Manufactured Resistance Range	Maximum Rated Voltage	Length A ± .001	Dia. B ± .010	Leads Dia.	Lead Length C ±1/8
DCM 1/10		1/10		10 ohms to 300 K	250	.260	.125	#22	1-1/2
DCM 1/8	RN60B	1/8	10 ohms 1 meg	4 ohms 3 meg	250	.410	.142	#22	1-1/2
DCM 1/4	RN65B	1/4	10 ohms 2 meg	5 ohms 7 meg	300	.600	.225	#22	1-1/2
DCM 1/2	RN70B	1/2	10 ohms 2.5 meg	4 ohms 8 meg	350	.755	.270	#20	1-1/2
DCM 1	RN75B	1	10 ohms 5.11 meg	5 ohms 28 meg	500	1.115	.400	#20	1-1/2
DCM 2	RN80B	2	30 ohms 10 meg	10 ohms 100 meg	750	*2.240	.400	#20	1-1/2
				*Tol. ± .030					

DEPOSITED CARBON HERMETICALLY SEALED

Electra Part No.	Mil Style	Wattage	Mil Resistance Range	Manufactured Resistance Range	Maximum Rated Voltage	Length A ± .001	Dia. B ± .010	Leads Dia.	Lead Length C ±1/8
HC 40		1/8		8 ohms 1 meg	150	*.281	.160	#22	1-1/2
HC 10	RN60B	1/8	10 ohms 1 meg	8 ohms 1 meg	250	.427	.155	#22	1-1/2
HC 8	RN65B	1/4	10 ohms 2 meg	8 ohms 5 meg	300	**.640	.240	#22	1-1/2
HC 12	RN70B	1/2	10 ohms 2.5 meg	10 ohms 10 meg	350	.833	.250	#20	1-1/2
HC 6	RN75B	1	10 ohms 5.11 meg	8 ohms 25 meg	500	1.115	.400	#20	1-1/2
HC 7	RN80B	2	30 ohms 10 meg	20 ohms 50 meg	750	*2.240	.400	#20	1-1/2
				*Tol. ±1/32		** ± .015			

PRECISION CARBON FILM (HIGH TEMPERATURE) "R-5" COAT

Electra Part No.	Mil Style	Wattage	Mil Resistance Range	Manufactured Resistance Range	Maximum Rated Voltage	Length A	Dia. B	Leads Dia.	Lead Length C
CF 1/10		1/10		10 ohms 300 K	250	.250	.093	#22	1-1/2 ±1/8
CF 1/8	RN60B	1/8	10 ohms 1 meg	10 ohms 4 meg	250	.375 +1/16 —1/32	.125 +.040 —.010	#22	1-1/2 ±1/8
CF 1/4	RN65B	1/4	10 ohms 2 meg	5 ohms 12 meg	300	.625 +1/32 —1/16	.1875 +1/16 —1/32	#22	1-1/2 ±1/8
CF 1/2	RN70B	1/2	10 ohms 2.5 meg	5 ohms 12 meg	350	.750 +3/32 —1/16	.250 +1/32 —1/32	#20	1-1/2 ±1/8

PRECISION MOLDED AND "R-5" COAT METAL FILM

Electra Part No.	Mil Style	Wattage	Mil Resistance Range	Manufactured Resistance Range	Maximum Rated Voltage	Length A	Dia. B	Leads Dia.	Lead Length C
MF 1/10 MFS 1/10		1/10		30 ohms 200 K	250	.260±.015 .265±.015	.125 ±.010 .085 ±.010	#22	1-1/2 ±1/8
MF 1/8 MFS 1/8	RN60C	1/8	100 ohms 301 K	30 ohms 500 K	250	.406 ±.015	.135 ±.010	#22	1-1/2 ±1/8
MF 1/4 MFS 1/8	RN65C	1/4	100 ohms 499 K	50 ohms 1 meg	300	.594 ±.015	.210 ±.015	#22	1-1/2 ±1/8
MF 1/2 MFS 1/2	RN70C	1/2	100 ohms 1 meg	50 ohms 1.5 meg	350	.750 ±.020	.265 ±.015	#20	1-1/2 ±1/8
MF 1 MFS 1	RN75C	1	100 ohms 2 meg	50 ohms 4 meg	500	1.105 ±.020	.395 ±.020	#20	1-1/2 ±1/8
MF 2 MFS 2		2		100 ohms 10 meg	750	2.239 ±.020	.400 ±.020	#20	1-1/2 ±1/8

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Miniature to subminiature sizes. For example, a unit with an inductance of 100 μH measures only .0122 cubic inches.

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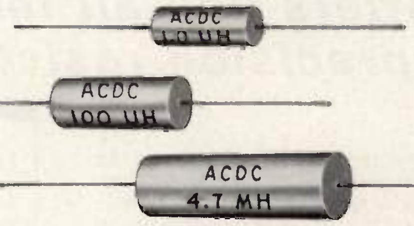
Excellent environment features – ACDC chokes are epoxy encapsulated for resistance to moisture and immersion. All units are designed to meet MIL-C-15305A, Grade 1, Class B.

Do your application engineering with a minimum of experimental work. New technical and performance data including description of electrical parameters in Bulletin 125 A.



These R.F. Chokes are designed to meet MIL-C-15305A, Grade 1 (Resistant to immersion and moisture resistance tests), Class B (—55° to +125° C). Marking: Black printing on yellow body.

Inductance Tolerances:

0.1 to 1 μH	$\pm$20%	(Q-Meter)
1.1 to 10 μH	$\pm$10%	(Q-Meter)
over 10 μH	$\pm$ 5%	(1 kc Bridge)

Self-resonant frequency (Distributed Capacity) measured with full length leads on Grid-Dipmeter (20%).

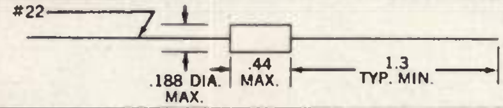
Q and Rp values as measured on Q-Meter. Minimum Rp values listed at the self-resonant frequency are very conservative. Actual values average 50% higher.

Imax ratings are conservative even at 125°C operation. They are based on 1/3 watt dissipation for Series S and M chokes, and on 1/2 watt dissipation for Series L chokes.

Special sizes, inductance values, or special combinations of parameters not listed can be furnished promptly. Inquiries are invited.

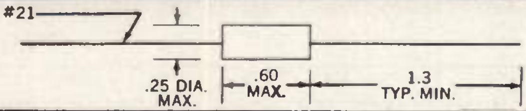
Price Range: from $0.65 to $1.25 each depending on Inductance Value and Quantities.

Prices Subject to Change without Notice.



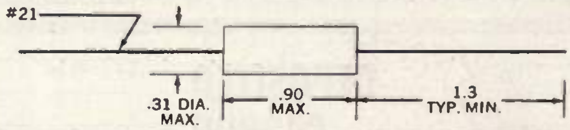
ACDC PART NO.	L µH	Q min.	MC	Fo ±20% MC	Cd µµF	min. Rp KΩ	MC	min. Rp KΩ	MC	max. RES. Ω	I max. mA
RFC-S- 0.10	0.10	85	50	>500	0.4	2.7	50	15	200	.02	4000
RFC-S- 0.15	0.15	85	50	>500	0.4	4.1	50	25	200	.03	3000
RFC-S- 0.22	0.22	75	50	500	0.4	5.2	50	30	200	.03	3000
RFC-S- 0.33	0.33	70	40	440	0.4	6.0	40	50	200	.05	2500
RFC-S- 0.47	0.47	60	25	360	0.4	4.5	25	60	200	.08	2000
RFC-S- 0.68	0.68	55	25	300	0.4	6.0	25	120	200	.12	1500
RFC-S- 1.0	1.0	50	20	250	0.4	6.5	20	120	200	.24	1100
RFC-S- 1.5	1.5	45	15	200	0.4	6.5	15	120	200	.43	850
RFC-S- 2.2	2.2	45	15	165	0.4	9.5	15	120	165	.80	610
RFC-S- 3.3	3.3	55	10	100	0.7	11	10	25	100	.15	1400
RFC-S- 4.7	4.7	70	7.9	90	0.7	17	8	30	90	.30	1000
RFC-S- 6.8	6.8	65	7.9	70	0.7	22	8	45	70	.55	800
RAC-S- 10	10	60	5	60	0.7	19	5	50	60	.73	650
RFC-S- 15	15	80	2.5	47	0.7	19	2.5	70	47	1.4	500
RFC-S- 22	22	75	2.5	40	0.7	26	2.5	75	40	1.8	430
RFC-S- 33	33	85	2.5	32	0.7	44	2.5	80	32	3.5	300
RFC-S- 47	47	80	2.5	22	1.1	60	2.5	80	22	4.0	275
RFC-S- 68	68	75	2.5	16	1.5	83	2.5	80	14	4.7	250
RFC-S-100	100	75	1.5	10	2.5	72	1.5	80	9.5	6.0	220

The inductance values listed above are preferred values but the lesser used logarithmic values are also part of the standard ACDC line. Examples: RFC-S-.27, RFC-S-5.6. Write for complete Bulletin #125A.



ACDC PART NO.	L µH	Q min.	MC	Fo ±20% MC	Cd µµF	min. Rp KΩ	MC	min. Rp KΩ	MC	max. RES. Ω	I max. mA
RFC-M- 1.0	1.0	100	15	170	.85	9	15	10	170	.04	2700
RFC-M- 1.5	1.5	100	10	140	.85	9	10	15	140	.04	2700
RFC-M- 2.2	2.2	95	10	110	.85	13	10	15	110	.05	2500
RFC-M- 3.3	3.3	60	7.9	90	.85	10	8	20	90	.05	2500
RFC-M- 4.7	4.7	60	7.9	75	.85	14	8	30	75	.09	1800
RFC-M- 6.8	6.8	70	7.9	65	.85	24	8	40	65	.17	1300
RFC-M- 10	10	65	5	50	.9	20	5	60	50	.32	1000
RFC-M- 15	15	75	4	40	.9	28	4	90	40	.62	730
RFC-M- 22	22	65	2.5	35	.9	22	2.5	90	35	.8	600
RFC-M- 33	33	80	2.5	27	.9	41	2.5	120	27	1.5	450
RFC-M- 47	47	100	2.5	24	.9	75	2.5	120	24	3.0	300
RFC-M- 68	68	100	2.5	20	.9	110	2.5	150	20	5.2	250
RFC-M- 100	100	100	1.5	17	.9	95	1.5	150	17	7	200
RFC-M- 150	150	90	1.0	11	1.3	85	1.0	150	11	8	190
RFC-M- 220	220	85	1.0	7	2.2	112	1.0	150	7	10	180
RFC-M- 330	330	80	8	4.5	3.8	136	.8	120	4.5	12	165
RFC-M- 470	470	75	.8	3.5	4.4	180	.8	120	3.5	14	150
RFC-M- 680	680	65	.8	2.7	5.0	225	.8	150	2.7	17	140
RFC-M-1000	1000	70	.5	2.3	5.0	225	.5	150	2.3	21	125

The inductance values listed above are preferred values but the lesser used logarithmic values are also part of the standard ACDC line. Examples: RFC-M-8.2, RFC-M-120. Write for complete Bulletin #125A.



ACDC PART NO.	L µH	Q min.	MC	Fo ±20% MC	Cd µµF	min. Rp KΩ	MC	min. Rp KΩ	MC	max. RES. Ω	I max. mA
RFC-L- 1.0	1.0	130	15	170	0.9	12	15	12	170	.03	4000
RFC-L- 1.5	1.5	130	10	140	0.9	12	10	17	140	.03	4000
RFC-L- 2.2	2.2	130	10	115	0.9	18	10	22	115	.04	3500
RFC-L- 3.3	3.3	100	7.9	90	0.9	17	8	26	90	.04	3500
RFC-L- 4.7	4.7	75	7.9	80	0.9	18	8	30	80	.05	3100
RFC-L- 6.8	6.8	65	7.9	65	0.9	22	8	35	65	.06	3000
RFC-L- 10	10	75	5	50	0.9	23	5	70	50	.15	1800
RFC-L- 15	15	75	5	40	0.9	36	5	80	40	.3	1300
RFC-L- 22	22	75	2.5	32	0.9	26	2.5	80	32	.5	1000
RFC-L- 33	33	70	2.5	28	0.9	36	2.5	80	28	.7	850
RFC-L- 47	47	75	2.5	25	0.9	56	2.5	140	25	1.3	620
RFC-L- 68	68	100	2.5	20	0.9	105	2.5	150	20	2.4	450
RFC-L- 100	100	100	1.5	17	0.9	95	1.5	150	17	3.2	400
RFC-L- 150	150	100	1.0	14	0.9	95	1.0	150	14	6.4	280
RFC-L- 220	220	95	1.0	11	0.9	133	1.0	200	11	12	200
RFC-L- 330	330	65	.79	7.5	1.4	110	.8	200	7.5	14	190
RFC-L- 470	470	60	.79	5.5	1.8	132	.8	200	5.5	17	170
RFC-L- 680	680	75	.5	3.2	3.5	165	.5	150	3.2	20	155
RFC-L- 1000	1000	75	.5	2.4	4.3	240	.5	150	2.4	24	145
RFC-L- 1500	1500	75	.4	1.9	4.5	290	.4	200	1.9	29	130
RFC-L- 2200	2200	65	.25	1.5	4.7	230	.25	200	1.5	35	120
RFC-L- 3300	3300	65	.25	1.2	5.3	330	.25	200	1.2	45	105
RFC-L- 4700	4700	65	.25	.95	6.2	470	.25	300	.95	53	95
RFC-L- 6800	6800	65	.25	.75	6.3	700	.25	300	.75	67	85
RFC-L-10000	10000	65	.15	.58	7.8	1040	.15	400	.58	80	80

The inductance values listed above are preferred values but the lesser used logarithmic values are also part of the standard ACDC line. Examples RFC-L-18, RFC-L-3900. Write for complete Bulletin #125A.

ACDC ELECTRONICS, INC. 2979 North Ontario Street • Burbank, California

The New Name For NYT Electronics

When you've got to attach a connector contact to the end of a coaxial wire, a single precise stroke of a crimping tool (one that crimps braid and inner conductor to the contact simultaneously) is the fastest way, the lowest-installed-cost way, the way that cuts human error in half . . . THE AMP WAY.

Our COAXICON® contact is designed on this principle: two strokes here is one too many!

COAXICON is a one-piece contact. It can be attached, simultaneously, with a single crimping tool stroke, to the braid and inner conductor of 37 sizes of RG/U coaxial cable up to ¼" O.D. (see size numbers above). And AMP makes the tools — hand and automatic — that control the crimp.

COAXICON consists of polarized, concentric male and female shells, made from drawn parts. The inner contacts, assembled in the shells, will attach equally to solid or stranded conductors. Where contact density is important, a miniature COAXICON fulfills the requirement.

COAXICON connectors will match cable impedances in the 50-100 ohm range, at frequencies as high as 150 megacycles. Impedance mis-match, incidentally, is only 1.06 to 1.09, even at 500 megacycles.

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AMP INCORPORATED

GENERAL OFFICES: HARRISBURG, PENNSYLVANIA

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H-LAB*

REGULATED TRANSISTORIZED POWER SUPPLIES

COMPACT CONSTANT VOLTAGE/CONSTANT CURRENT BENCH SUPPLIE

Continuously variable Constant Voltage and Constant Current operation--no range switching. Auto-Series and Auto-Parallel operation†, Remote Programming, Remote Sensing, Front and rear output terminals, Convection cooling--no moving parts. Switch enables meter to monitor either voltage or current. Rack Mounting Panels available.
Continuously variable current limit in Constant Voltage operation; continuously variable voltage limit in Constant Current operation.

Model	Price
855	$169
865	$169

	855B 0-18 volts @ 0-1.5 amps Constant Voltage	Constant Current	865B 0-40 volts @ 0-0.5 amps Constant Voltage	Constant Curren
Load Regulation	0.03% or 5 mv	0.05% or 750μa	0.01% or 4 mv	0-0.5% or 250μa
Line Regulation	0.03% or 5 mv	0.05% or 750μa	0.01% or 4 mv	0-0.5% or 250μa
Ripple and Noise	500μv	250μa	200μv	100μa
Size	7-13/16"W x 5-1/16"H x 8-1/2"D		7-13/16"W x 5-1/16"H x 8-1/2"D	
Weight	11 pounds		11 pounds	

CONSTANT VOLTAGE/CONSTANT CURRENT RACK SUPPLIES

Plug-in Card selects mode of operation, output voltage and current continuously variable over entire output range--no range switching. Continuously variable current limit in Constant Voltage operation, Auto-Series and Auto-Parallel operation†, Chopper Stabilization optional‡, Remote Programming, Remote Sensing, Convection cooling--no moving parts.

Model	Price
808A	$475.00
809A	$625.00
881A	$475.00

	808A 0-36 volts, 0-5 amps	809A 0-36 volts, 0-10 amps	881A 0-100 volts, 0-1 amp
Load Regulation	0.01% or 3.6 mv	0.02% or 7.2 mv	0.02% or 5 mv
Line Regulation	0.01% or 3.6 mv	0.02% or 7.2 mv	0.05% or 5 mv
Ripple and Noise	500 microvolts	500 microvolts	200 microvolts
Size	3-1/2"Hx16-3/4"Dx19"W	5-1/4"Hx16-3/4"Dx19"W	3-1/2"Hx16-3/4"Dx19'
Weight	35 pounds	55 pounds	50 pounds

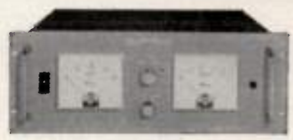
25 AMPS — 0.5% REGULATION

520A $575.00

Continuously variable output voltage - - no range switching. Continuously variable current limit. Auto-Series and Auto-Parallel operation†, Remote Programming, Remote Sensing. High efficiency circuit features unusual immunity to line transients.

520A:	0-36 volts @ 0-25 amps
Load Regulation: / Line Regulation:	Combined, less than 0.5%
Ripple and Noise	Less than 1%
Size	7"H x 16-1/2"D x 19"W
Weight	85 pounds

25 AMPS — 0.03% REGULATION



814A $775.00

Continuously variable Constant Voltage and Constant Current operation--no range switching. Auto-Series and Auto-Parallel operation†, Chopper Stabilization optional‡, Remote Programming, Remote Sensing. Continuously variable current limit in Constant Voltage operation; continuously variable voltage limit in Constant Current operation.

814A: 0-36 volts @ 0-25 amps	Constant Voltage Operation	Constant Current Operation
Load Regulation	0.03% or 10 mv	0.3% or 75 ma
Line Regulation	0.03% or 10 mv	0.3% or 75 ma
Ripple and Noise	1 millivolt	25 milliamps
Size	7"H x 20"D x 19"W	
Weight	100 pounds	

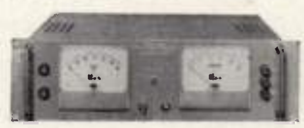
60 VOLT, 7.5 AMP SUPPLY

810B $795.00

Continuously variable. Constant Voltage and Constant Current operation--no range switching. Auto-Series and Auto-Parallel operation†, Chopper Stabilization optional‡, Remote Programming, Remote Sensing. Continuously variable current limit in Constant Voltage operation; continuously variable voltage limit in Constant Current operation.

810B:	0-60 volts @ 0-7.5 amps
Load Regulation	0.02% or 10 mv
Line Regulation	0.01% or 5 mv
Ripple and Noise	Less than 1 mv
Size	5¼" H x 16¾" D x 19" W
Weight	60 pounds

"FIXED" VOLTAGE — 10 AMP OUTPUT



812C $550.00

Output voltage spar covered in eight ranges range easily changed to meet new requirements. Remote Sensing, Front and rear output terminals.

812C:	0-32 volts @ 0-10 amps
Load Regulation	0.05% or 16 millivolts
Line Regulation	0.03% or 9.6 millivolts
Ripple and Noise	1 millivolt
Size	5-1/4"H x 16"D x 19"W
Weight	52 pounds

†AUTO-SERIES & AUTO-PARALLEL OPERATION

Automatic series and automatic parallel operation of many H-Lab supplies, is possible. All necessary wiring changes and interconnections are accomplished via rear terminal strip connections. These multiple groupings feature:

1. One-Knob Master Control
2. Automatic Voltage Equalizing
3. Automatic Current Equalizing
4. Full Range Control From Any Selected Module

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HEAVY DUTY BENCH SUPPLIES

Continuously variable output voltage--no range switching. Choice of three voltage and current ranges to suit all low and medium voltage laboratory applications. Rack Mounting Panels available.

	800A-2 Twin 0-36 volts @ 0-1.5 amps	800B-2 0-36 volts @ 0-2.5 amps	880 0-160 volts @ 0-1.0 amp
Load Regulation	5 millivolts	10 millivolts	5 mv or 0.02%
Line Regulation	5 millivolts	5 millivolts	5 mv or 0.05%
Ripple and Noise	200 microvolts	250 microvolts	500 microvolts
Size	7"W x 9"H x 10-1/2"D	7"W x 9"H x 10-1/2"D	7"W x 9"H x 10-1/2"D
Weight	29 pounds	25 pounds	25 pounds

800A-2	$580.00
800B-2	$339.00
880	$375.00

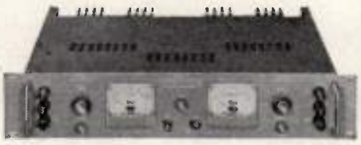
TRANSISTOR SUPPLIES FOR HIGH VOLTAGE APPLICATIONS

Continuously variable output voltage--no range switching. Chopper Stabilization optional‡, Remote Programming, Remote Sensing, Convection cooling--no moving parts.

	890A $495.00 0-320 volts @ 0-0.6 amps	895A $625.00 0-320 volts @ 0-1.5 amps	896A $675.00 75-160 volts @ 0-2.5 amps
Load Regulation	0.007% or 20 mv	0.01% or 30 mv	0.02% or 30 mv
Line Regulation	0.007% or 20 mv	0.01% or 30 mv	0.02% or 30 mv
Ripple and Noise	2 millivolts	3 millivolts	1 millivolt
Size	3-1/2"H x 16-3/4"D x 19"W	5-1/4"H x 16-3/4"D x 19"W	5-1/4"H x 16-3/4"D x 19"W
Weight	35 pounds	50 pounds	50 pounds

TWIN RACK MOUNTING SUPPLY

Two independent supplies--can be connected in series for 0-72 volts @ 0-1.5 amps. Continuously variable output voltage--no range switching. Remote Sensing, Front and rear output terminals, Convection cooling--no moving parts.



802B $580.00

802B:	Twin 0-36 volts @ 0-1.5 amps
Load Regulation	0.01% or 3.6 millivolts
Line Regulation	0.01% or 3.6 millivolts
Ripple and Noise	200 microvolts
Size	3-1/2"H x 15"D x 19"W
Weight	28 pounds

PROGRAMMABLE RACK SUPPLY

Continuously variable output--no range switching. Remote Programming, Remote Sensing, Front and rear output terminals. Convection cooling--no moving parts.

806AM $350.00

806AM:	0-20 volts @ 0-2 amps
Load Regulation	3 millivolts
Line Regulation	3 millivolts
Ripple and Noise	200 microvolts
Size	3-1/2"H x 15"D x 19"W
Weight	20 pounds

CHASSIS-MOUNTING PLUG-IN POWER MODULES

All input, output, and control connections made via octal plug. Continuously variable output voltage--no range switching. Remote Programming, Remote Sensing, Convection cooling--no moving parts. Rack Mounting Panels available.

	850 $197.00 0-15 volts, 0-1.0 amp	860 $197.00 0-36 volts, 0-0.5 amp
Load Regulation	3 millivolts	3 millivolts
Line Regulation	3 millivolts	3 millivolts
Ripple and Noise	500 microvolts	500 microvolts
Size	6-1/2"Lx3-7/16"Wx6"H	6-1/2"Lx3-7/16"Wx6"H
Weight	6 pounds	6 pounds

STRAIN GAGE POWER SUPPLY

Continuously variable output voltage--no range switching. Chopper Stabilization optional‡, Plug-in Connectors Optional, Remote Sensing. Mount nine abreast on 5-1/4" rack panel. Insulation resistance greater than 10,000 megohms. Low capacity from AC line to output terminals insured by multiple-shielded transformer.

801C $110.00

801C:	0-25 volts @ 0-0.2 amps
Load Regulation	2 millivolts
Line Regulation	2 millivolts
Ripple and Noise	100 microvolts
Size	5"H x 14-7/8"D x 1-5/8"W
Weight	4 pounds

‡ OPTIONAL CHOPPER STABILIZATION

For applications requiring tighter regulation specs and greater long-term stability, a chopper-stabilized amplifier can be added to many H-Lab power supplies. This amplifier is completely transistorized and utilizes H-Lab's own semiconductor chopper, thus eliminating the periodic replacement cost and inconvenience which normally accompany the use of mechanical choppers.

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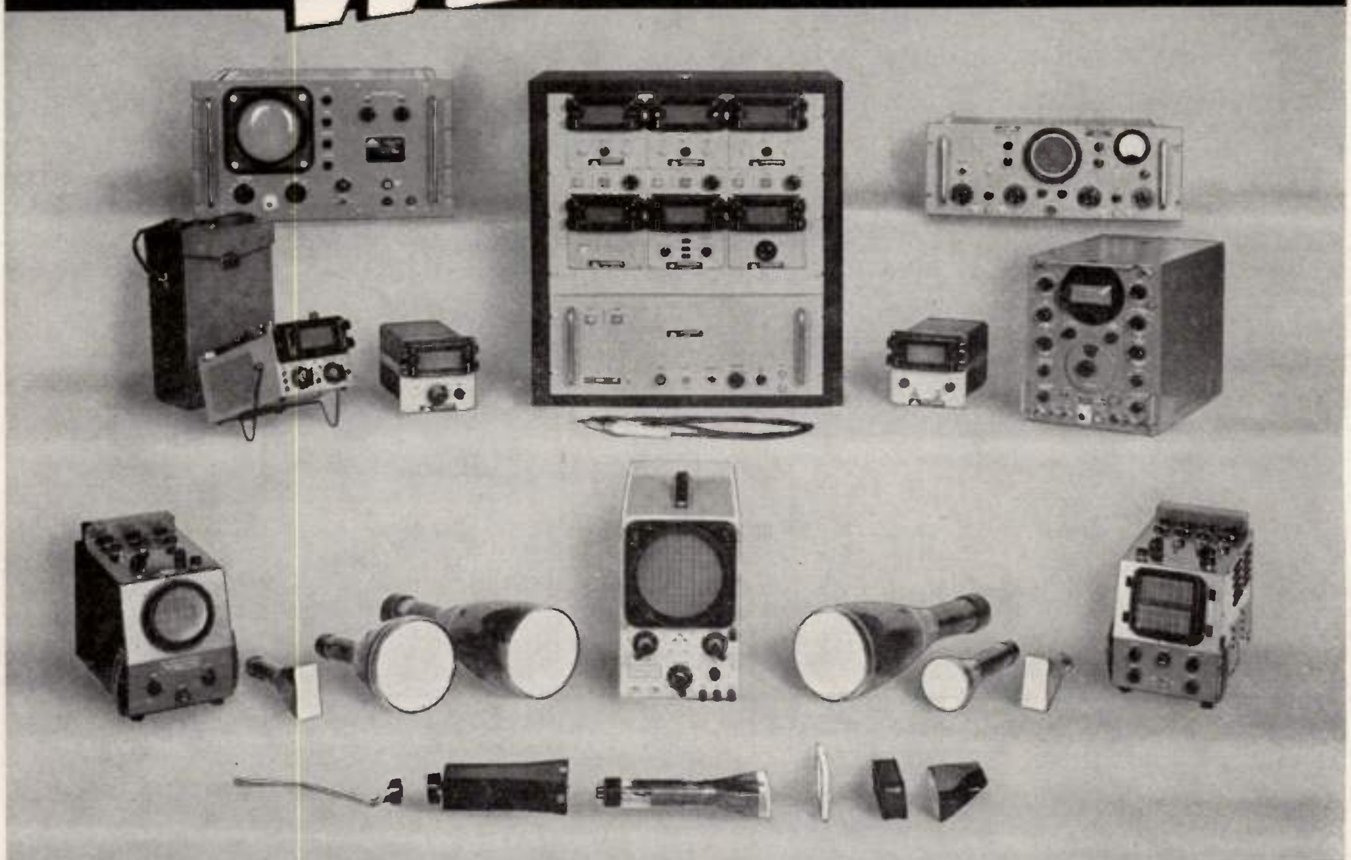
All prices are given F.O.B. Berkeley Heights, N. J. Standard terms are net 30 days. Write for complete specifications on any of the above units or for any additional information.

SEE *Waterman* FIRST



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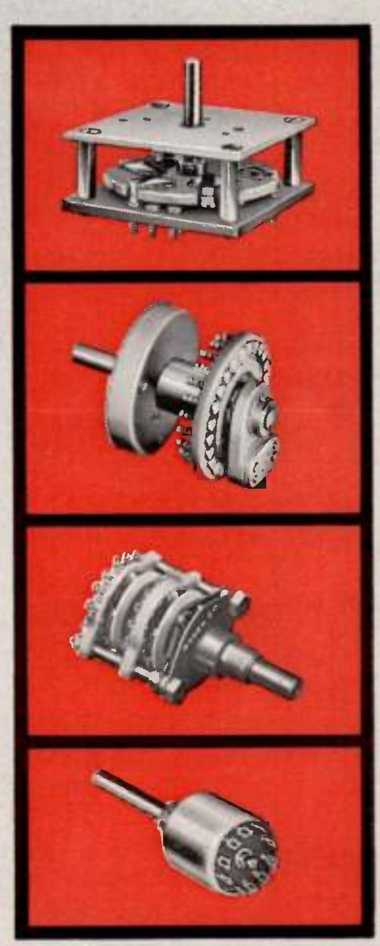

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HIGH TEMPERATURE WIRE AND CABLE

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PRODUCTS	PRIMARY INSULATION: MATERIAL	COLOR PER MIL STD 104: Solid	COLOR PER MIL STD 104: Striped	OPERATING TEMPERATURE	JACKET INSULATION: TFE TEFLON TAPE WRAP −90° +260°	FEP TEFLON EXT. −90° +200°	FIBRE GLASS BRAID IMPREG. −90° +260°	PVC EXT. −55° +105°	NYLON EXT. −40° +100°	NYLON BRAID AND LACQUER −55° +125°	DACRON BRAID −55° +100°	POLY-ETHYLENE EXT. −55° +90°	REMARKS
CABLES Single & Multiconductor	TFE Teflon Ext. or Tape	✓	✓	−90°+260°	✓	✓	✓	✓	✓	✓	✓	✓	Any combinations of conductors and shielding available.
	FEP Teflon Extruded	✓	✓	−90°+200°		✓	✓	✓	✓	✓	✓	✓	Conductors and primary insulations per Mil-W-16878.
	Silicone Rubber	✓		−55°+200°		✓	✓	✓	✓	✓	✓	✓	Special conductors and wall thicknesses of insulations available. Bonding treatment of teflon primary or jacket insulations available.
	PVC	✓	✓	−55°+105°				✓	✓	✓	✓		Shielded with Silver Plated or Tinned Copper.
COAXIAL CABLES	TFE Teflon Extruded	✓		−90°+260°	✓*	✓	✓*	✓	✓	✓	✓	✓	* Per Mil-C-17B
	FEP Teflon Extruded	✓		−90°+200°		✓	✓	✓	✓	✓	✓	✓	Special constructions and jackets available.
	Polyethylene Solid or Foam	✓		−55°+90°			✓	✓*	✓	✓	✓	✓*	Shielded with Silver Plated or Bare Copper.
AIRFRAME WIRES	TFE Teflon Tape and Imp. Glass	✓		−60°+205°		✓	✓			✓	✓		Per Mil-W-7139A Shields and jackets available.
	Silicone Rubber and Dacron	✓		−55°+150°			✓			✓	✓		Per Mil-W-8777A Shields and jackets available.
HOOK-UP WIRES	TFE Teflon Ext. or Tape	✓	✓	−90°+260°	Per Mil-W-16878 type E or EE, or thin wall or extra heavy wall								UL APPROVED
	FEP Teflon Ext. or Tape	✓	✓	−90°+200°	Produced to physical dimensions of Mil-W-16878 type E or EE								Special constructions available.
	Silicone Rubber	✓		−55°+200°	Per Mil-W-16878 type F or FF, special constructions								Twisting of two or more wires available.
	PVC	✓	✓	−55°+105°	Per Mil-W-16878 type B, C, or D with or without Nylon Jacket								Bonding treatment of teflon insulations available.
	TFE Teflon Film	✓		−90°+260°	Operating voltage 300 RMS—Solid conductors only								
MAGNET WIRES	TFE Teflon Film	✓		−90°+260°	Per Mil-W-19583 type III single, heavy, triple and quad. wall thickness								Tempering and bonding treatments available.
	Silicone and Isonel	Natural		−55°+155°	Per Mil-W-19583 type II single and heavy wall thickness								
	Mica Magnet Wire	Natural		−90°>+350°	A special magnet wire for extremely high temperatures								Available with nickel clad copper conductors.

†DUPONT'S TFE RESIN

TEFLON TAPES: Type B, sintered and bondable; Type B, unsintered; all sizes; Mil. Std. 104 colors.

TEFLON TUBING: Extra flexible, tape wrapped. Mil. Std. 104 colors, solid or striped.

American Super-Temperature Wires, Inc.
A Subsidiary of Haveg Industries, Inc., Wilmington, Del.
8 West Canal Street, Winooski, Vermont • UNiversity 2-9636
General Sales Office: 195 Nassau St., Princeton, N. J. WAlnut 4-4450

SOLA

Circular CV170KA
Prices and specifications subject to change without notice.
May, 1961

Constant Voltage Transformers

automatic, instantaneous voltage regulators

Sola Constant Voltage Transformers are static-magnetic voltage regulators. They are designed to provide a stabilized output voltage even though the input voltage varies over a considerable range. They have nine distinct advantages over electronic-type regulators or regulators which depend solely upon saturation of core materials for their regulating action:

1. Completely automatic, continuous regulation.
2. Virtually instantaneous response time of 1½ cycles or 25 milliseconds at 60 cycles.
3. Mechanically rugged — as resistant to mechanical shock as a conventional power transformer.
4. No moving or renewable parts — no manual adjustment or maintenance is necessary.
5. Type CVS units have the ability to improve a poor voltage wave-form applied to input terminals.
6. Self-protecting against short circuits on output or load circuit.
7. Inherently incapable of producing an output over-voltage.
8. Current-limiting characteristic protects load equipment from excessive fault currents. Inrush current is held within manufacturers' tolerance, eliminating the need for starting relays.
9. Available in step-up or step-down ratios, permitting substitution in place of conventional, non-regulating transformers.
10. Capable of serving a wide range of electrical devices. Standard catalog items available in 29 different primary-secondary voltage combinations from 60 to 7500 volt-amperes.
11. High degree of isolation between input and output circuit usually eliminates the need for electrostatic shielding. Input and output are isolated both physically and electrically.
12. Relatively compact compared to other equipment for a-c voltage regulation.

Sola static-magnetic transformers are supplied for a number of voltage-regulating requirements. They supply constant voltage in nominal line values, in filament and combination plate-and-filament values, and in variable voltage outputs.

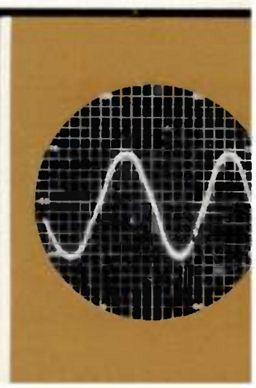
The following pages list the widest range of stock ratings and types offered by any manufacturer of static-magnetic voltage regulators.

Manufactured by:

SOLA ELECTRIC CO. A Division of Basic Products Corporation

1717 Busse Road, Elk Grove Village, Illinois • Phone: HEmpstead 9-2800 • Cable: SOLEC, Chicago (Chicago Phone: NAtional 5-8630)

B P C



Standard Sinusoidal Type (CVS)

± 1% regulation of AC line input for electrical and electronic equipment

Sola Standard Sinusoidal Constant Voltage Transformers regulate voltage within ±1% regardless of input voltage variations as great as ±15%. Displaying fast regulating action, their response time is usually 1.5 cycles or less. With less than 3% total rms harmonic content in their output voltage wave, they are particularly suitable for use with rectifiers or other equipment which is sensitive to, or is affected by, harmonics in the supply voltage. Nine stock ratings are listed. Special designs are available in production quantities.

Electrical specifications 60 cycle single phase | **Mechanical specifications**

Voltage Rating: Regulated Output	Voltage Rating: Input Range	Output Rating in Va	Catalog Number	Approx. net price each to industrial users	Nominal Dimensions (Inches): Outline	Nominal Dimensions (Inches): Mounting	Approx. Shipping Weight lbs.	* Structure code
118	95-130	60	23-13-060(a)	$30.00	6 15/16 x 4 x 5 3/16	3 x 3 1/2	10	W
	95-130X 190-260	120	23-22-112(a)	38.00	8 x 4 x 5 3/16	3 x 3 1/2	14	W
		250	23-22-125(b)	52.00	9 3/4 x 5 3/8 x 7 7/16	4 1/8 x 4 3/4	28	W
		500	23-22-150(c)	81.00	12 5/8 x 9 x 6 7/16	5 5/8 x 8 1/8	47	W
		1000	23-22-210(c)	135.00	17 15/16 x 9 x 6 7/16	5 5/8 x 8 1/8	80	W
118 x 236	95-130X 175-235X 190-260	2000	23-25-220	245.00	19 5/8 x 12 3/4 x 9 1/16	4 1/2 x 11 3/4	183	W
		3000	23-25-230	330.00	21 7/8 x 12 3/4 x 9 1/16	6 7/16 x 11 3/4	270	W
	190-260X 380-520	5000	23-26-250	515.00	20 9/16 x 25 13/16 x 10 11/16	5 7/16 x 24 13/16	475	Y
		7500	23-28-275	900.00	20 9/16 x 38 1/4 x 11 1/16	5 7/16 x 37 1/4	710	Z
#1 115 (fixed) #2 0-130 (adjustable)	100-130	500	*23-90-150	275.00	9 x 19 x 12 1/2	relay rack mounting or bench top use	83	P

*portable, fully adjustable unit.

Letter in parentheses after catalog number designates unit sizes which may be converted for cord input, and receptacle or jack output. See adapter kit tabulation at bottom of next page.

Outline dimensions are the outside cubic dimensions of the unit, not including capacitor where furnished separately. Figures are nominal, subject to manufacturing tolerance of ±1/32 to ±1/8 inch.

Normal-Harmonic Type (CVN) — for built-in component use

These units provide the same ±1% regulation as the standard sinusoidal models on Page 2. They have an average of 14% total rms harmonic content in their output voltage. Along with the sinusoidal type, they offer simplicity, reliability and freedom from maintenance. They are reliable sources of voltage for most electrical loads such as filaments, relays, solenoids, other transformers serving ac loads — in fact, all loads not affected by harmonics in the supply voltage. This series includes those mechanical designs specially engineered for use as built-in components. Special designs are available in production quantities.

Electrical specifications 60 cycle single phase | **Mechanical specifications**

Voltage Rating: Regulated Output	Voltage Rating: Input Range	Output Capacity in VA	Catalog Number	Approx. Net Price Each to Industrial, Commercial or Govt. Users	Nominal Dimensions (Inches): Outline	Nominal Dimensions (Inches): Mounting	Approx. Ship. Wt. in Lbs.	* Structure Code
118	95-130	15	20-10-015	$15.00	5 9/16 x 2 3/8 x 3 1/2	5 1/16 x 1 1/8	4	D
			20-11-015	20.00	5 1/2 x 3 1/2 x 2 1/4	3 x 1 1/2	4	S
			20-14-015	14.00	4 5/16 x 2 3/8 x 2 7/16	1 7/8 x 1 3/4	3	E
		30	20-14-030	16.00	4 15/16 x 2 5/8 x 3 5/16	1 7/8 x 2 5/8	5	E
			20-13-030(a)	20.00	6 x 4 x 5 3/16	3 x 3 1/2	7	W
		60	20-13-060(a)	25.00	6 13/16 x 4 x 5 3/16	3 x 3 1/2	10	W
			20-14-060	21.00	4 13/16 x 3 1/8 x 3 7/8	2 1/2 x 3 7/8	8	E
118	95-130	120	20-14-112	29.00	4 13/16 x 3 1/8 x 4 15/16	2 1/2 x 3 7/8	11	E
			20-13-112(a)	33.00	7 7/8 x 4 x 5 3/16	3 x 3 1/2	13	W
236	190-260	120	20-21-112	33.00	7 7/8 x 4 x 5 3/16	3 x 3 1/2	13	W
118	95-130	150	20-13-115(b)	40.00	8 7/8 x 5 3/8 x 7 7/16	4 1/8 x 4 3/4	22	W
		250	20-13-125(c)	49.00	11 1/8 x 6 15/16 x 6 7/16	4 5/8 x 6 1/8	25	W
	190-260x 380-520		20-23-125	49.00	11 1/8 x 6 15/16 x 6 7/16	4 5/8 x 6 1/8	25	W
	95-130	500	20-13-150(c)	77.00	12 1/2 x 6 15/16 x 6 7/16	4 5/8 x 6 1/8	36	W
	190-260x 380-520		20-23-150	77.00				
236			20-24-150	77.00				
118	95-130	1000	20-13-210	128.00	15 1/8 x 6 15/16 x 6 7/16	4 5/8 x 6 1/8	54	W
	190-260		20-20-210	128.00				
118x 236	95-130x 175-235x 190-260	2000	20-25-220	232.00	21 1/2 x 10 1/2 x 9 1/16	6 1/16 x 9 1/2	166	W
		3000	20-25-230	315.00	27 11/16 x 10 1/2 x 9 1/16	9 3/4 x 9 1/2	230	W
	190-260x 380-520	5000	20-27-250	490.00	21 x 14 1/2 x 14 3/8	7 x 13	279	W
		10000	20-26-310	925.00	21 x 29 7/16 x 14 3/8	7 x 27 15/16	590	Y

Letter in parentheses after catalog number designates unit sizes which may be converted for cord input, and receptacle or jack output. See adapter kit tabulation at bottom of this page.

Outline dimensions are the outside cubic dimensions of the unit, not including capacitor where furnished separately. Figures are nominal, subject to manufacturing tolerance of ±1/32 to ±1/8 inch.

Electronic Power Type

±1% regulation for filament voltage; ±3% regulation of plate-filament supply

Sola Electronic Power Type Constant Voltage Transformers are designed as components for simple assembly into electronic manufacturers' own product. The filament type provides 6.0 or 6.3 volts output, regulated within ±1% over line voltage variations as great as ±15%. The combination plate-and-filament type provides voltage regulated within ±3% for line voltages varying up to ±15%. Both types provide filaments with stabilized voltage supply, and thus contribute to reliable operation, long life, and reduced service expense for load equipment. Thirteen stock units are listed. Special designs available in production quantities.

For Filament Service (Type CVF)

Electrical specifications 60 cycle single phase					Mechanical specifications			
Voltage Rating: Regulated ±1% Output	Voltage Rating: Input Range	Output Capacity in Amps.	Catalog Number	Approx. Net Price Each to Industrial Users	Nominal Dimensions (Inches): Outline	Nominal Dimensions (Inches): Mounting	Approx. Ship Wt. in Lbs.	* Structure Code
6.0	95-130	2.50	20-01-015	$15.00	5 9/16 x 2 5/8 x 3 1/2	5 1/16 x 1 1/8	6	D
			20-06-015	14.00	4 3/16 x 2 3/8 x 2 7/16	1 3/4 x 1 7/8	4	E
6.3	95-130	2.38	20-02-015	15.00	5 9/16 x 2 5/8 x 3 1/2	5 1/16 x 1 1/8	6	D
			20-03-015	20.00	4 15/16 x 2 3/8 x 2 7/16	1 3/4 x 1 7/8	4	S
			20-04-015	14.00	4 15/16 x 2 3/8 x 2 7/16	1 3/4 x 1 7/8	4	E
	95-130X 190-260	5.0	20-04-030	16.00	4 13/16 x 3 1/8 x 3 1/8	2 1/2 x 2 1/16	6	E
		10.0	20-04-065	20.00	4 13/16 x 3 1/8 x 3 3/4	2 1/2 x 2 11/16	7	E
		15.0	20-04-095	24.00	4 13/16 x 3 1/8 x 4 11/16	2 1/2 x 3 5/8	11	E
		20.0	20-04-113	31.00	7 x 4 1/2 x 5 1/8	3 5/8 x 3 9/16	20	E
		25.0	20-04-116	35.00	7 x 4 1/2 x 5 11/16	3 5/8 x 4 1/8	23	E
6.3	95-130	5	20-05-030	25.00	6 1/16 x 4 13/16 x 4 3/4	portable, for bench-top use	8	F

For Plate-Filament Service (Type CVE)

Electrical specifications 60 cycle single phase				Input range, 100-130 volts		Mechanical specifications			
Typical Rectifier Tube	Average D.C. Input Volts to Filter*	Filament Windings: 6.3 Volts	Filament Windings: 5.0 Volts	Catalog Number	Approx. Net Price Each to Industrial Users	Nominal Dimensions (Inches): Outline	Nominal Dimensions (Inches): Mounting	Approx. Ship. Wt. in Lbs.	* Structure Code
5Y3	275v D.C. @ 50 M.A.	2.5 amps C.T.	2.0 amps	7104	$12.00	4 13/16 x 3 1/8 x 3 3/16	2 1/2 x 2 1/8	6	E
5Y3	385v D.C. @ 100 M.A.	3.0 amps C.T.	2.0 amps	7106	15.00	4 13/16 x 3 1/8 x 3 15/16	2 1/2 x 2 7/8	8	E
5U4	380v D.C. @ 250 M.A.	No. 1: 4.0 amps No. 2: 8.0 amps unregulated	3.0 amps	7107	27.00	7 x 4 1/2 x 4 7/8	3 5/8 x 3 3/8	19	E

**Voltage values are taken at output of 5Y3GT rectifier for No. 7104 and No. 7106 transformers and at output of 5U4GA-GB for No. 7107. Guaranteed regulation of ±3% on plate voltage output is contingent on the use of Sola-regulated 5.0v filament supply winding for the rectifier tube.*

* Mechanical structures

"Structure code" letter refers to one of these general types of mechanical assemblies:

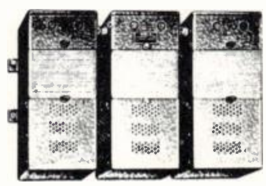
D—Drawn case; integral capacitor unit; flex leads.

S—Hermetically-sealed case; separate capacitor; solder lugs.

E—Exposed core; end bells; separate capacitor; flex leads.

W—Exposed core; end housings; screw-type terminals in outlet box.

Y—Same as W, but duplex assembly.



Z—Same as W, but triplex assembly.

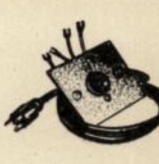
P—Portable adjustable a-c supply.

F—Portable filament transformer.

Cord/receptacle adapter kits

Adapter kits may be used when the convenience of input plug and output receptacle is preferred to the standard arrangement of terminals in the transformer housing. See footnote 1 and accompanying chart.

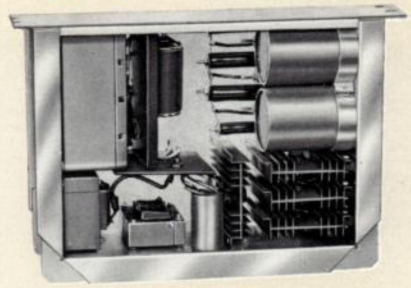
Code	Adapter Kit Catalog No.	Input Cord	Output Connections	Net price each to industrial users
(a)	999-004	2-wire	2-wire receptacle	$1.75
	999-018	3-wire	3-wire receptacle	2.50
	999-015	3-wire	2 jacks	3.00
(b)	999-005	2-wire	2-wire receptacle	1.75
	999-019	3-wire	3-wire receptacle	2.50
	999-016	3-wire	2 jacks	3.00
(c)	999-009	2-wire	2-wire receptacle	2.00
	999-020	3-wire	3-wire receptacle	2.50
	999-017	3-wire	2 jacks	3.00



The transformers described in this folder are manufactured under one or more of the following United States Patents: Nos. 2,694,177; 2,753,513; 2,806,199, and patents pending.

Sola "CVQ": transistorized d-c power supply

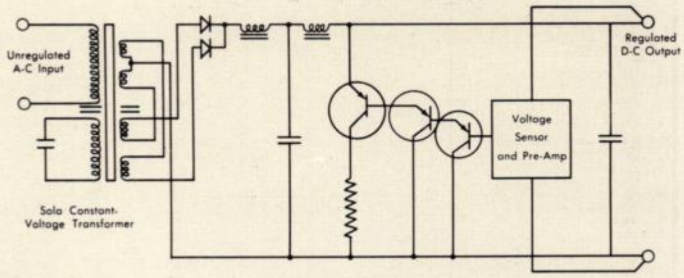
CVQ offers fast, reliable voltage regulation with this relatively simple, low-cost d-c source, suitable for computers and other voltage-sensitive equipment. Rated for the 120-watt range, this transistorized power supply retains all fundamental advantages of existing SOLA static-magnetic d-c supplies, and adds *shunt-type* transistor control for closer regulation of output voltage. New, unique shunt-circuit design — fully fail-safe and short-circuit proof. Use of Sola static magnetic regulation allows much better efficiency than would be possible with conventional shunt regulated design.



ELECTRICAL AND MECHANICAL SPECIFICATIONS, STOCK UNITS

Catalog Number	Output Volts	Output Amperes	Static Line Regulation	Maximum Static Load Regulation	Maximum Ripple (Peak To Peak)	Net Price Each
281401	5.0	22	±0.04%	0.4%	0.04%	$350
281402	6.0	20	±0.04%	0.4%	0.04%	350
281403	10.0	12	±0.02%	0.2%	0.02%	335
281404	12.0	10	±0.02%	0.2%	0.02%	335
281512	18.0	6	±0.02%	0.2%	0.02%	335

DIMENSIONS (nominal): Width 19", height 5¼", depth 12¼". INPUT VOLTAGE: 100-130/180-235/200-260 v, 60 cy. MAXIMUM ALLOWABLE AMBIENT TEMPERATURE: 40° C. WEIGHT: 53 lbs.



Simplicity of CVQ shunt-circuit regulation cuts down on bulk, weight and cost.

Sola DC power supplies: compact, regulated, for high-amp loads

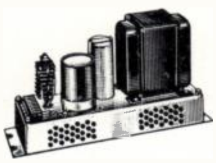
This combination of a special Sola Constant Voltage Transformer, semi-conductor rectifier, and high-capacitance filter yields a dc power supply compact in size, low in weight, and with other important advantages.

1. Output regulation of ±1% or less with ±10% line voltage variations.
2. Minimum output voltage change with wide, rapid load changes.
3. Low input power, with resultant good efficiency.
4. Ability to withstand high, short-time overloads without damage to components.
5. Ripple voltage of approximately 1% (rms) or less.
6. High overall economy by eliminating overload capacity needed in other types of power supplies for certain applications.
7. Low ratio of size and weight to power output.
8. Freedom from routine adjustment and maintenance.
9. Exceedingly low output impedance.

In addition to its important function of correcting line voltage variations, the Sola CV's inherent current-limiting action permits safe, economical use of the efficient semi-conductor rectifier with its low forward voltage drop and other advantages. This same current-limiting action also permits use of high-capacitance filter sections by controlling excessive charging currents which might damage rectifier junctions. The high-capacitance filter yields very low ripple voltage without need for heavy, bulky choke components, with their substantial and often-varying load voltage drops.

Fixed Designs

For intermittent, variable, or pulse loads



Specifications All Inputs 100-130 volts, 60 cps

Current Catalog Number	Former Catalog Number	Output Rating Watts	Volts	Amps	Efficiency Approx. %	Ripple Voltage (rms)—% of Total	Approx. Shipping Weight Each—Pounds	Approx. Net Price Each
281024	28156	144	24	6.0	72	Less than 1%	45	$145.00
281048	28120	192	48	4.0	77	Less than 1%	45	135.00
281125	28152	250	125	2.0	82	Less than 1%	55	145.00
281150	28106	300	150	2.0	80	Less than 1%	50	145.00
281200	28193	200	200	1.0	76	Less than ½%	45	140.00
281250	28192	250	250	1.0	81	Less than ½%	55	150.00

DIMENSIONS — Above six stock units have identical dimensions; overall length, 19"; overall width, 5¼"; overall height, 9¾". All supplies furnished with drilling for standard relay rack mounting.

Adjustable Designs

Give all the advantages of fixed designs plus an output adjustable over a considerable range of voltages.

Specifications All Inputs 100-130 volts, 60 cps

Current Catalog Number	Former Catalog Number	Adjustable Output Voltage Range	Rated Loadings in Amperes At max. Voltage Setting	At min. Voltage Setting	Ripple* Voltage—% of Total Output	Approx. Shipping Weight Each—Pounds	Approx. Net Price Each
285110	28510	5-35	7.0	7.0	0.10	80	$325.00
285120	28520	25-60	4.0	6.0	0.05	80	325.00
285130	28530	30-90	2.8	4.0	0.04	80	295.00
285140	28540	60-180	1.4	2.0	0.03	80	295.00
285150	28550	150-250	1.0	1.5	0.02	80	295.00
285160	28560	250-400	0.6	0.75	0.02	80	295.00

*Figures in this column are ripple voltages measured at full rated load and input of 115 volts.

DIMENSIONS — Above six stock units are for relay rack mounting on standard, 19" frame. Front panel is 7" high and chassis is 12¼" deep. Removable handles, for portability, are available as an accessory.

SOLA

SOLA ELECTRIC CO.

BPC

1717 Busse Road, Elk Grove Village, Illinois, HEmpstead 9-2800

In Canada, Sola Electric (Canada) Ltd. 377 Evans Avenue, Toronto 18, Ontario

A Division of Basic Products Corporation

Frontier

proven on major missile and military systems*

• extreme accuracy
• absolute reliability
• subminiature packaging

on these frequency • time • digital products

Frontier service on "standards" or "specials":
Staff application engineers analyze your specifications . . . recommend a Frontier standard product . . . or a custom-packaged "special." Standards or specials, all have performance and absolute reliability guaranteed.

■ frequency

oscillators • secondary and portable standards • converters (frequency and subminiature DC-DC voltage) • R. F. oscillators • frequency control systems • precision engineered accuracies to meet any requirements . . . from parts per 10,000 commercial spec.... to parts per billion full mil-spec. • special developments
Absolute reliability, "advanced-art" fully solid state packaging

■ time

programmers • intervalometers • timers • digital clocks • on-missile (launch vehicle and payload) command program timers (fixed and variable instruction) • electromechanical and solid state • single and multi-channel • time reference and memory command systems • special developments
Absolute reliability, "advanced-art" packaging

■ telemetry

oscillators • transmitters • C.W.—F.M.—P.C.M. • "specials" • transponders • special developments
Absolute reliability, sub-miniature high density packaging

■ digital modules

• complimentary logic modules that are quickly and specifically "Frontier-Tailored" for your particular system • master clocks • flip-flops • scalers • comparators (parallel and serial) • pre-set counters • amplifiers • drivers • shift registers • redundant output selectors (with or w/o comparison monitors) • binary-decimal decoders • indicator drivers • special developments
Absolute reliability . . . and standard, solid state packaged modules that package... directly from your experimental system, into the final mil-spec. shipment.

*Three years to date with no "in-flight failures."

Frontier *TRADEMARK

ELECTRONICS CO.

4606 Memphis Avenue • Cleveland 9, Ohio • SHadyside 9-0700

TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

SYNCHRONOUS MOTORS—Most Kollsman synchronous motors are of the hysteresis type, available with 400 or 60 cycle windings; some for extended range operation. Hysteresis motors are characterized by very high efficiency and hunt-free synchronous rotation. Frame sizes vary from size 25 to size 8. Many special designs are available with or without gear heads.

P. M. GENERATORS—Originally designed as aircraft tachometer generators with as much as 70 watts output. Frame sizes vary from 25 to size 8. Three, two and single phase output signal designs are available, most with extremely low harmonic content. Both output voltage amplitude and frequency are proportional to speed.

SERVO MOTORS—These high-rotor-impedance servo motors are characterized by a linear-torque versus speed curve with high-torque-to-inertia ratio and fast acceleration. Used for control purposes, they provide instant error-signal response. Squirrel cage and drag cup rotor designs available. All units also available with integral gear heads containing precision class 1 & 2 gears.

INDUCTION GENERATORS—Kollsman induction generators serve as a precision voltage signal source with an amplitude linearly proportioned to rotational speed of the shaft. Frequency of output signal is same as that of the source excitation. Units are used for system stabilization in closed-loop servos, integration, or as output for velocity servos. Some models are temperature compensated, minimizing voltage or phase angle variation.

MOTOR DRIVEN INDUCTION GENERATORS—These compact units package a low-inertia servo motor and a drag-cup induction generator on a common shaft within one frame. As a result backlash is eliminated entirely. Size 25 to size 5 frames include integral gearhead in ratios varying from 5 to 1 through 75,000 to 1 without loss of miniaturization.

SYNCHROS—Two Kollsman trade names identify two lines of synchros. TELETORQUE describes self synchronous transmitters and receivers. CIRCUTROL describes round rotor signal-controlling devices such as synchro control transformers, differentials, and phase shifters. Complete families of these units are available for either 60 or 400 cps source excitation.

SPECIAL DESIGNS—Kollsman has designed many special, unusual motors. It welcomes the out-of-the-ordinary type of motor problem that most other manufacturers avoid. Exemplary of this philosophy are two novel synchronous devices which Kollsman engineers designed for particular customer requirements: The Synchronous Differential and the Orienting Synchronous Motor. The former houses in one package two synchronous motors driving into a mechanical differential. Unit can synchronize two frequencies or two machines. In the orienting synchronous unit, the rotor contains a permanent magnet section and a hysteresis or squirrel-cage-type element. Rotor always synchronizes in same relative position to rotating field of source voltage.

motor-ability

ENGINEERING CAPABILITY FOR SPECIAL-PURPOSE MOTORS

Kollsman's expanding facilities and experience permit it to offer a complete line of precision servo motors and synchros of both 400 cycle and 60 cycle varieties. Designed around applicable military specifications, Kollsman motors range in size from ½" dia. to about 3" dia. . . . perform vital jobs in computers, aircraft instruments, engine and guided-missile control systems, ground-support equipment, submarines, flight navigation systems, data processing equipment, and automatic industrial processing systems.

KOLLSMAN MOTOR CORPORATION

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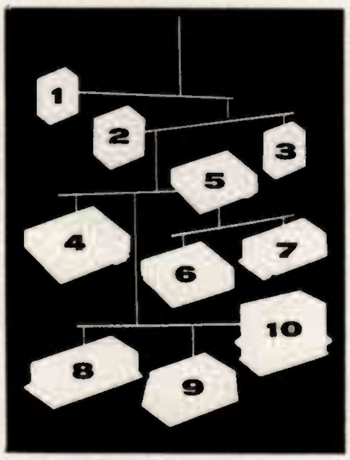
BIG 10

ALL NEW TELEMETRY COMPONENTS



1 1270 high performance, high level VCO, 2 cubic inches volume.

2 1274±5 millivolt floating input VCO for grounded and ungrounded differential signals—4½ cubic inches.

3 1170 wideband amplifier for use with 1270 and 1274 subcarrier oscillators.

4 1053 1 watt all-transistor FM transmitter (silicon) 100° C. 350 ma at 28 vdc; 20 cubic inches, 17 ounces, unlimited altitude.

5 1055 2 watt all-transistor FM transmitter (germanium) 60° C; case same as 1053.

6 1051 FM transmitter, 3 watts, tubed output stage; case same as 1053.

7 1008 compact 2 watt tubed FM transmitter.

8 1009 12 watt FM transmitter, unlimited altitude.

9 1114 15 watt RF power amplifier.

10 1090A frequency converter . . . 8 watt RF output at 2200-2300 mc; unlimited altitude.

Here's a complete new line of transistorized telemetry components for all aerospace applications—**TELE-DYNAMICS' BIG 10.** These new units—the latest in FM telemetry—are light in weight, compact in size, low in cost—high in electrical performance, in environmental characteristics and in reliability.

The new oscillators—1270 high level and 1274 low level—provide mechanical interchangeability as well as outstanding electrical and environmental characteristics. The transistorized transmitters provide 1 or 2 watt true FM output with maximum efficiency in size, weight and power consumption. The tubed transmitters (1008-1009), amplifier (1114) and 2200mc converter provide the maximum performance compatible with the state of the vacuum tube art. All of the units are capable of being easily combined into various custom systems.

These units are representative of Tele-Dynamics' latest creative effort in the complete telemetry field. Whether it's one oscillator, a complete transmitting system or a complete data system—count to 10 and then call Tele-Dynamics.

In addition to its complete line of FM transmitting and receiving equipment and systems—Tele-Dynamics can provide complete PCM transmitting systems as well as special purpose ground data handling equipment, both analog and digital.

TELE-DYNAMICS

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BFN-13B12
BFN-5000B6

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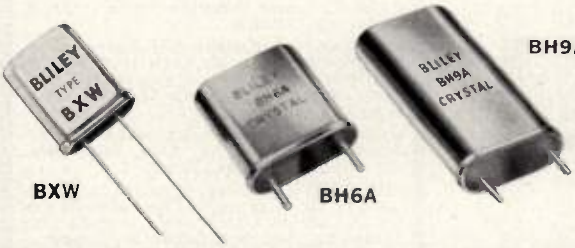
TYPE	FREQ.	BANDWIDTH 6 db.	BANDWIDTH 60 db.	INSERTION Loss (Max)
BFN-0455B2	455 kc	4.4 kc	16 kc	5 db
BFN-2215B3	2215 kc	300 cycles	1100 cycles	3 db
BFN-2215B4	2215 kc	3 kc	12 kc	3 db
BFN-5000B6	5 mc	3.5 kc	12 kc	6 db
BFN-8998B7	8.998 mc	3.0 kc	7 kc	6 db
BFN-11B8	10.7 mc	4.2 kc	10 kc	8 db
BFN-11B9	10.7 mc	15 kc	30 kc	5 db
BFN-11B10	10.7 mc	30 kc	55 kc	6 db
BFN-13B11	13 mc	15 kc	27 kc	6 db
BFN-13B12	13 mc	30 kc	55 kc	6 db

General Communications Crystal Units



BXW
BH6A
BH9A

Bliley offers a complete selection of MIL type crystal units. Commercial equivalents and variations are available from 2kc to 150mc.

MIL HOLDER	BLILEY HOLDER	FREQUENCY RANGE
HC-6/U	BH6A	200kc-150mc
HC-13/U	BH9A	2kc-200kc
HC-18/U	BXW	3mc-150mc

Ultrasonic Delay Lines .75 to 4500 Microseconds

Bliley Ultrasonic Delay Lines for the range from .75 microseconds to 4500 microseconds are custom engineered for most applications. Exceptional performance characteristics such as low loss, low temperature coefficient, attenuation of spurious, and integral temperature control are factors resolved in the final design. Design parameters shown in the following tables are intended for general guidance:


DOUBLE ENDED RINGING LINE


TWO MATCHED DELAY LINE

SHORT DELAY LINES

Group	Freq. Range (mc)	Delay Time Range (Microseconds) Ringing Single Ended	Delay Time Range (Microseconds) Absorber Double Ended	Max. Temp. Coeff. (ppm/°C.)	Bandwidth as percent of carrier (with 93 ohm termination)	Loss level (db) with different termination 50 ohm	93 ohm	1000 ohm
A	5-60	.75-60	.75-30	—100	30		45	28
	60-100	.75-60	.75-30	—100	15		50	33
B	5-60	.75-40	.75-20	+85	35		43	27
	60-100	.75-40	.75-20	+85	15		48	31
C	5-60	.75-40	.75-20	+20	35		43	27
	60-100	.75-40	.75-20	+20	15		48	31
D	5-30	1.00-60	1.00-30	—100	40 (50 ohm term.)	12		
E	5-30	1.00-40	1.00-20	+20	40 (50 ohm term.)	12		

LONG DELAY LINES

Long Delay Lines may be specified with carrier frequencies in the range from 10 mc to 40 mc. Spurious signal attenuation shown in the following table applies only to frequency range 25-40 mc. *See footnote.*

GROUP	DELAY TIME RANGE (microseconds)	UNWANTED SIGNALS (db DOWN) Spurious	UNWANTED SIGNALS (db DOWN) 3rd Time	GROUP	DELAY TIME RANGE (microseconds)	UNWANTED SIGNALS (db DOWN)
A	30-400	50	40	D	500-1600	55
B	200-700	55	45	E	600-2000	55
C	300-1400	60	55	F	1000-2700	50
				G	600-3300	45
				H	1300-4500	45

Note: Best attenuation of spurious signals is achieved in medium delay time ranges and at higher carrier frequencies. Dependent upon loss level requirements, bandwidth may be estimated from 35% to 40% of carrier frequency. Loss and bandwidth characteristics are interdependent and are controlled by choice of terminations, carrier frequency and transducer capacity.

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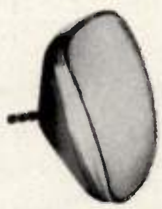

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SPECIFICATIONS

- TOLERANCES: 10% and 20%. Closer tolerances available on request.
- INSULATION: Durez phenolic, epoxy vacuum impregnated.
- LEADS: No. 20 B & S (.032") annealed copper clad steel wire crimped leads for printed circuit application.
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These capacitors will exceed all the electrical requirements of E. I. A. specification RS-164 and Military specifications MIL-C-91B and MIL-C-25C.

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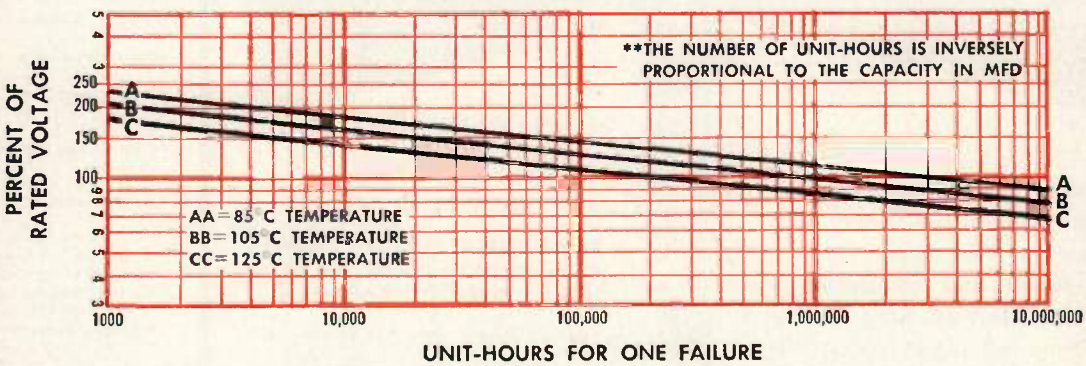

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CONTINUOUSLY VARIABLE DELAY LINES — Series 500

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Designed to meet the increasing demand for smaller units of high accuracy for printed circuit mounting.
Time Delay — .125 μsec. to 1.50 μsec. (min. available delay at output)
Impedance — 93 ohms to 1,800 ohms
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Pulse Attenuation — 1.0 db (max.) all units
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• Calibration accuracy: ±1% of the selected delay • Permit rapid synthesis and evaluation of delays and their effects • Provide a means of determining in advance the specific "fixed" delay line that will be required • Extremely low temperature coefficient of delay • Pushbutton selection of required delay.

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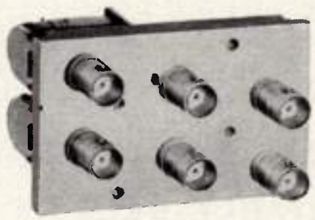
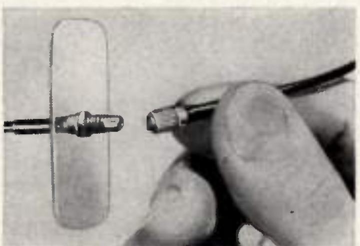


Series 323 DK coaxial switches are compact high-density designs for complex multi-position, multi-pole switching.

AMPHENOL IPC COAXIAL CONNECTORS



Pint-size Amphenol Subminax Coaxial Connectors feature full-size electrical characteristics.

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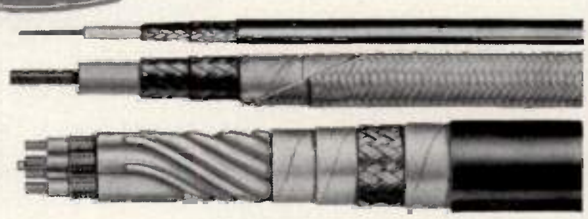

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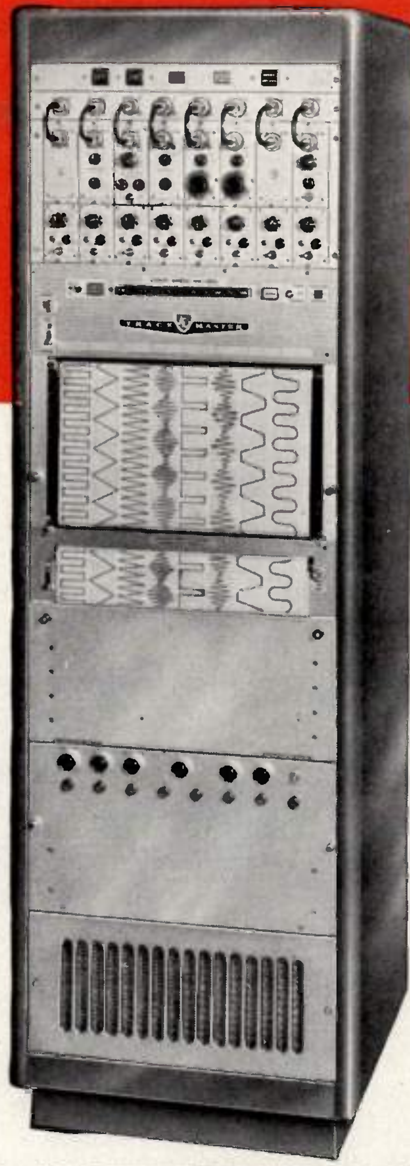

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Finest Frequency-Amplitude Performance
TRACE-MASTER'S multiple-feedback wide-range Driver circuitry, combined with the advanced pen-motor design, produces wider frequency response *at larger amplitudes* than any other recorder. TRACE-MASTER response is flat—*within 1%*—from dc to 110 cps at 40 mm!

Band Amplitude Product (i.e. Bandwidth times Amplitude) is 5600...140 cps (3 db point) x 40mm!

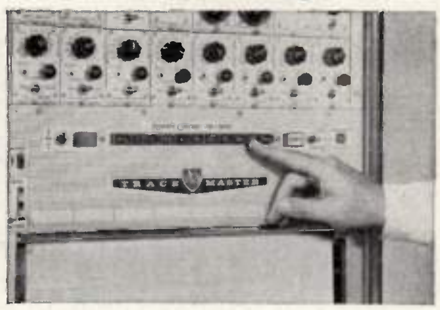
Finest Chart-Drive Facilities
TRACE-MASTER provides widest chart-speed range...0.1 to 500 mm/sec...of any direct-writing recorder! Convenient push-button selection. Take-up reel automatically stores full 1000 ft. record. Writing table tilts for easy chart annotations. Guide rails permit quick, easy paper-roll changes. Low cost chart paper makes practical protracted recording at high speeds.

Finest Resolution, Linearity, Stability
Thin carbon trace (thinner by 4 to 1 over most recorders) and high Band Amplitude Product (higher by 6 to 1 over other recorders) provide up to 24 times the resolving power or ability to detect short, sharp variations in the record. The superior linearity (± 1%) and stability in rectilinear presentation permit full use of this unexcelled resolution.

Finest Systems Oriented Compatability
Fully transistorized circuitry...application of combined dc level and signal multiple feedback...complete interchangeability of modular signal-conditioning elements... are some of the features that make the AO TRACE-MASTER the world's finest 8-channel direct writing recorder.

Entire channel easily accessible and completely interchangeable as single unit.

Platen tilts to convenient writing angle.



Widest range chart speed . . . push-button selection through 0.1 mm/sec to 500 mm/sec.

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OUTSTANDING

ERIE INSTRU/MATION
700 SERIES COUNTER-TIMERS

Here is a beautifully designed line of compact instruments of unusually high quality, performance and dependability for use in laboratories, original equipment and production lines where accurate measurement of events-per-unit time, period, or elapsed time is important. Operator-designed panels and in-line NIXIE readout assure positive, direct reading. Modular construction gives great flexibility and ease of maintenance and makes these instruments the most compact of any on the market. If you are looking for reliability, versatility and quality combined with reasonable price, the ERIE INSTRU/MATION 700 series of counter-timers deserves your serious consideration. Write for complete catalog to:

Model 740
FREQUENCY COUNTER & PRESET TRANSLATOR
for direct conversion from frequency to physical units

Model 722
FREQUENCY-PERIOD COUNTER
combines frequency & period measurement

Model 720
FREQUENCY COUNTER
for events-per-unit time

Model 723
TIME-INTERVAL COUNTER
for measurement of elapsed time between events

Model 724
PRESET RATIO COUNTER
1 to 10,000 times ratio of two input signals

Model 725
UNIVERSAL COUNTER-TIMER
precise measurement of frequency, period and time intervals

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OTHER INSTRUMENTS IN THE ERIE-PACIFIC LINE INCLUDE:

INDUSTRIAL CONTROLLERS

Model 300T, Solid State Pre-set Counter, 100,000 pps. $375*.

Model 500T, Solid State Bi-directional Counter, 100,000 pps. $795*.

Model 320, Glow Transfer Type Pre-set Counter, 5,000 pps. $375*.

COUNTER/TIMERS

Model 100T, Transistorized, Portable, Frequency Counter to 120,000 cps or 220,000 cps. $995*.

Model 660, Precision Low Frequency Monitor customized for 60, 400, 800, or 1,600 cps. Price on request.

NEW! *1 Megacycle and 10 Megacycle counters. Send for complete technical information.*

GLOW TRANSFER TYPES

Model 130 Frequency Counter to 50,000 cps. $395*.

Model 210 Glow Transfer Digital Timer (time interval). $395.

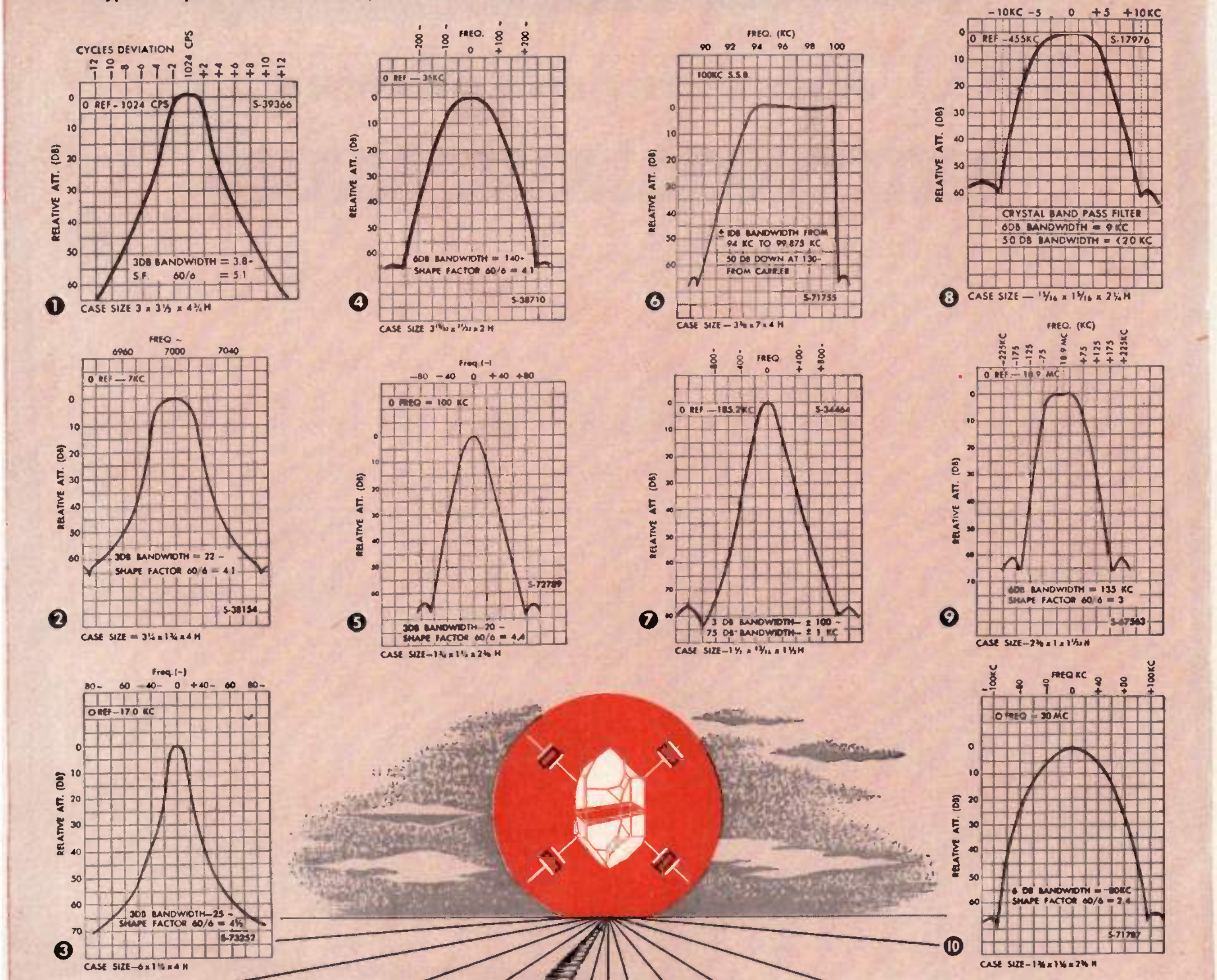
Model 400 Glow Transfer Universal Counter/Timer, 100,000 cps. $695.

MILITARIZED COUNTER/TIMERS

Series 2200, Customized Counter/Timers to meet applicable MIL SPECS.
Prices on request.

**Basic instrument — Customer options additional.*

Typical response curves indicating the various shape factors available in standardized Burnell Crystal Filters



Running the gamut in crystal filters

BURNELL CRYSTAL FILTERS NOW COVER FULLEST RANGE YET POSSIBLE

1 kc to 30 mcs

To its notable achievements in advancing the electronic arts, Burnell & Co. now adds another—the development of moderately priced high attenuation crystal filters covering the extraordinary range of 1 kc. to 30 mc. This represents a range many times broader than previously thought practicable. In addition, the Burnell Crystal Filter line now includes several types heretofore considered impossible.

More than 15 years research, development and experience are represented in the designs illustrated in the response curves shown. Burnell & Co. has taken crystal filters out of the luxury class in applying its experience to their design and manufacturing without incurring developmental and engineering costs.

Whether your crystal filter needs are for standard units or those engineered to center frequency, band width, selectivity and impedance level, call on our Crystal Filter Division for quick delivery. Send now for Crystal Filter Catalog, XT455.

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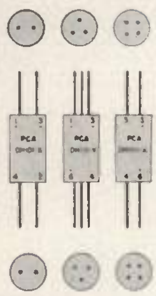
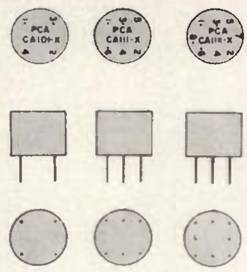
PCA PULSE TRANSFORMERS

STANDARD PULSE TRANSFORMERS



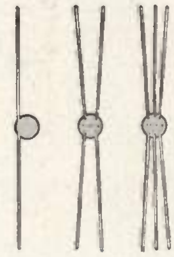
DH STYLE

Grain oriented silicon steel core. Internal assembly vacuum impregnated. Hermetically sealed. Electro-tin fused plating finish. Applicable specs: MIL-T-27, MIL-T-21038—Case B.



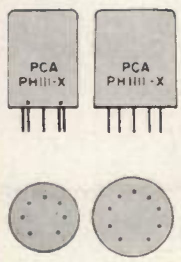
CA STYLE

Leads arranged in grid pattern. Grain oriented silicon steel. Available with ferrite cores. Internal assembly vacuum impregnated. Epoxy encapsulated. Applicable specs: MIL-T-27A, MIL-T-21038—Case A.



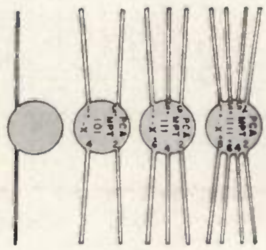
TT STYLE

Designed for low-level application in transistor circuitry. Grain oriented silicon steel. Internal assembly vacuum impregnated. Encapsulated in epoxy resin. Applicable specs: MIL-T-27, MIL-T-21038—Case E.



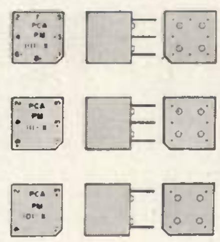
PH STYLE

Units plug in to 7- and 9-pin tube sockets. Grain oriented silicon steel. Internal assembly vacuum impregnated. Hermetically sealed. Electro-tin fused plating finish. Applicable specs: MIL-T-27, MIL-T-21038—Case C.



MPT STYLE

Grain oriented silicon steel. Internal assembly vacuum impregnated. Encapsulated with epoxy resin. Applicable specs: MIL-T-27A, MIL-T-21038—Case E.



PM STYLE

Leads arranged in grid pattern. Grain oriented silicon steel. Internal assembly vacuum impregnated. Case materials in glass alkyd. Applicable specs: MIL-T-27, MIL-T-21038 — Case H.

DATAPULSE TRANSFORMERS PCA Electronics, Inc., is the sole manufacturer of the DATAPULSE line of predictable transformers. We are specialists in the manufacture of miniature pulse transformers designed for use in printed circuits, computers, missiles, radar systems, etc.

DESIGNED TO ORDER PCA Pulse Transformers are built to meet the most rigid military requirements. Applicable specifications: MIL T-27A and MIL T-21038. See Sales Office Section of EEM for the PCA representative nearest you.

Leading Manufacturer of Pulse Transformers and Delay Lines

PCA ELECTRONICS, INC.

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PCA DELAY LINES

HERMETICALLY SEALED DISTRIBUTED CONSTANT DELAY LINES

FEATURES:

CASE: Brass with protective plating
TERMINALS: Glass end seals
INTERNAL CONSTRUCTION: Impregnated and potted for vibration resistance
TEMPERATURE RANGE: —55°C to +125°C
*DIELECTRIC STRENGTH = 500 V.D.C.

*Across line and line to case

DISTRIBUTED CONSTANT DELAY LINES

FEATURES:

1. Highly miniaturized.
2. Very stable.
3. —55° to + 105°C operating temperature range.
4. Simplified mounting in tube clip.
5. Can be connected in series for greater delays.
6. Low co-efficient of thermal delay.
7. DIELECTRIC STRENGTH: 500 V.D.C. for 100QA, 1000B and 1500C designs. 300 V.D.C. for 500A and 500B designs.
8. Can be used as a pulse forming network.

PCA SPECIAL DELAY LINES

Other impedances and delay times from 10 to 1,000 microseconds are available as standard designs. Other components, designed to your exact specifications, available on order.

LUMPED CONSTANT DELAY LINES

A SELECTION OF TYPICAL LUMPED CONSTANT DELAY LINES

DL 1000L-5.9-741

TIME DELAY	5.9 microseconds round trip
TAPPED AT	0.1 microsecond intervals from 5.5 to 5.9 microseconds
CHARACTERISTIC IMPEDANCE	1000 ohms ± 5%
RISE TIME	0.5 microseconds maximum round trip
ATTENUATION	36% maximum round trip

DL 1000L-0.25-584

TIME DELAY	6 microseconds ± .27 microseconds
CHARACTERISTIC IMPEDANCE	1,000 ohms ± 10%
RISE TIME	1.0 microseconds maximum
ATTENUATION	1 db maximum

DL 1000L-2.4-776E

TIME DELAY	2.4 microseconds ± .07 microseconds
TAPPED AT	1.2 microseconds ± .035 microseconds
CHARACTERISTIC IMPEDANCE	1,000 ohms ± 10%
RISE TIME	.15 microseconds maximum
ATTENUATION	1 db maximum

DL 390L-120-24T-9103

TIME DELAY	121.56 microseconds ± .33 microseconds
CHARACTERISTIC IMPEDANCE	5.21 microsecond intervals
TAPPED AT	390 ohms ± 10%
RISE TIME	1.5 microseconds maximum
ATTENUATION	3 db maximum

Leading Manufacturer of Pulse Transformers and Delay Lines

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New High Value Up To 180,000 µH

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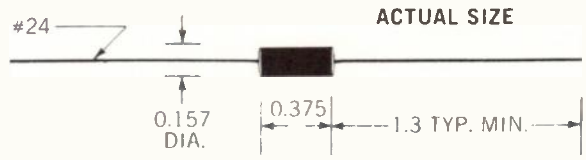
WEE-DUCTOR



ESSEX PART NO.	L	Q min		approx. Fo	approx. Cd	min. Rp		min. Rp		Max. Res.	Max. I	Incr* I
	µH		MC	MC	µµF	KΩ	MC	KΩ	MC	Ω	mA	mA
WEE-180,000	180,000	20	.050	.094	13.4	1100	.050	1650	.094	880	18	0.8
WEE-150,000	**150,000**	**20**	**.060**	**.098**	**13.4**	**1175**	**.055**	**1600**	**.098**	**750**	**20**	**1.0**
WEE-120,000	120,000	20	.070	.105	16.8	1000	.055	1560	.105	540	23	1.1
WEE-100,000	**100,000**	**20**	**.079**	**.115**	**16.2**	**940**	**.060**	**1450**	**.115**	**499**	**26**	**1.1**
WEE- 82,000	82,000	20	.079	.125	16.5	900	.079	1340	.125	452	27	1.1
WEE- 68,000	**68,000**	**20**	**.079**	**.130**	**18.4**	**860**	**.079**	**1300**	**.130**	**395**	**29**	**1.1**
WEE- 56,000	56,000	25	.079	.195	12.0	1050	.100	1450	.195	499	26	8
WEE- 47,000	**47,000**	**25**	**.079**	**.210**	**12.5**	**850**	**.100**	**1310**	**.209**	**452**	**27**	**9**
WEE- 39,000	39,000	30	.079	.215	14.0	690	.100	1050	.215	395	29	10
WEE- 33,000	**33,000**	**32**	**.079**	**.250**	**12.5**	**1070**	**.150**	**1040**	**.250**	**296**	**33**	**11**
WEE- 27,000	27,000	32	.079	.270	13.0	810	.150	1000	.270	259	35	12
WEE- 22,000	**22,000**	**32**	**.079**	**.295**	**13.0**	**720**	**.150**	**970**	**.295**	**219**	**39**	**12**
WEE- 18,000	18,000	38	.079	.305	15.0	630	.150	850	.305	138	49	13
WEE- 15,000	**15,000**	**38**	**.079**	**.330**	**15.0**	**610**	**.150**	**780**	**.330**	**119**	**52**	**13**
WEE- 12,000	12,000	36	.079	.370	15.0	580	.200	710	.370	109	55	14
WEE- 10,000	**10,000**	**36**	**.079**	**.470**	**11.5**	**520**	**.200**	**670**	**.470**	**76.6**	**66**	**15**
WEE- 8200	8200	38	.250	.580	9.2	710	.300	1000	.580	146	47	18
WEE- 6800	**6800**	**45**	**.250**	**.740**	**6.8**	**690**	**.350**	**960**	**.740**	**118**	**53**	**20**
WEE- 5600	5600	48	.250	.810	6.8	610	.350	940	.810	104	56	24
WEE- 4700	**4700**	**48**	**.250**	**.840**	**7.4**	**560**	**.400**	**860**	**.840**	**70.5**	**68**	**28**
WEE- 3900	3900	48	.250	.960	7.0	600	.500	850	.960	62.7	72	29
WEE- 3300	**3300**	**52**	**.250**	**1.050**	**7.0**	**640**	**.500**	**830**	**1.050**	**48.7**	**82**	**30**
WEE- 2700	2700	51	.250	1.180	6.8	510	.500	700	1.180	43.1	87	33
WEE- 2200	**2200**	**50**	**.250**	**1.300**	**6.8**	**380**	**.500**	**560**	**1.300**	**33.7**	**99**	**37**
WEE- 1800	1800	51	.250	1.420	6.5	340	.500	540	1.420	30.2	105	42
WEE- 1500	**1500**	**51**	**.250**	**1.460**	**8.0**	**280**	**.500**	**425**	**1.460**	**23.7**	**118**	**48**
WEE- 1200	1200	52	.250	1.490	9.0	225	.500	290	1.490	18.2	135	50
WEE- 1000	**1000**	**82**	**.79**	**5.6**	**0.87**	**420**	**1.5**	**450**	**5.6**	**16.0**	**140**	**52**
WEE- 820	820	67	.79	6.0	0.87	355	1.5	420	6.0	13.8	150	55
WEE- 680	**680**	**71**	**.79**	**6.5**	**0.87**	**320**	**1.5**	**340**	**6.5**	**12.0**	**160**	**60**
WEE- 560	560	64	.79	7.5	0.82	269	1.5	275	7.5	11.5	170	65
WEE- 470	**470**	**66**	**.79**	**8.0**	**0.83**	**220**	**1.5**	**230**	**8.0**	**10.0**	**180**	**67**
WEE- 390	390	43	.79	8.5	0.87	130	3.0	132	8.5	6.2	230	72
WEE- 330	**330**	**50**	**.79**	**9.0**	**0.92**	**125**	**3.0**	**130**	**9.0**	**5.6**	**240**	**87**
WEE- 270	270	52	.79	10.0	0.92	115	3.0	117	10.0	4.8	260	91
WEE- 220	**220**	**57**	**.79**	**11.0**	**0.94**	**98**	**4.0**	**106**	**11.0**	**4.1**	**280**	**105**
WEE- 180	180	60	.79	11.5	1.0	95	4.0	95	11.5	3.6	300	110
WEE- 150	**150**	**63**	**.79**	**12.5**	**1.0**	**84**	**4.0**	**84**	**12.5**	**3.3**	**315**	**126**

ESSEX PART NO.	L	Q min		approx. Fo	approx. Cd	min. Rp		min. Rp		Max. Res.	Max. I	Incr* I
	µH		MC	MC	µµF	KΩ	MC	KΩ	MC	Ω	mA	mA
WEE- 120	120	62	.79	14.0	1.0	75	5.0	75	14.0	2.9	330	145
WEE- 100	**100**	**63**	**.79**	**15.0**	**1.0**	**62**	**5.0**	**62**	**15.0**	**2.6**	**345**	**157**
WEE- 82	82	42	2.5	17.5	1.0	44	8.0	44	17.5	2.4	360	160
WEE- 68	**68**	**40**	**2.5**	**27.0**	**0.50**	**35**	**10.0**	**35**	**27.0**	**2.3**	**375**	**165**
WEE- 56	56	40	2.5	30.0	0.49	33	10.0	33	30.0	2.2	390	170
WEE- 47	**47**	**46**	**2.5**	**33.0**	**0.49**	**31**	**12.0**	**31**	**33.0**	**1.8**	**420**	**177**
WEE- 39	39	45	2.5	36.5	0.48	27	12.0	27	36.5	1.6	450	183
WEE- 33	**33**	**43**	**2.5**	**40.0**	**0.48**	**23**	**12.0**	**23**	**40.0**	**1.2**	**520**	**193**
WEE- 27	27	42	2.5	44.0	0.48	17	15.0	20	44.0	1.15	530	200
WEE- 22	**22**	**47**	**2.5**	**47.0**	**0.50**	**13**	**15.0**	**17**	**47.0**	**0.95**	**590**	**220**
WEE- 18	18	45	2.5	53.5	0.49	12	20.0	14	53.5	0.88	610	235
WEE- 15	**15**	**47**	**2.5**	**42.5**	**0.92**	**43**	**15.0**	**64**	**42.5**	**1.7**	**440**	**440**
WEE- 12	12	47	2.5	47.5	0.92	37	15.0	61	47.5	1.5	460	460
WEE- 10	**10**	**46**	**2.5**	**52.5**	**0.92**	**33**	**15.0**	**59**	**52.5**	**1.4**	**480**	**480**
WEE- 8.2	8.2	45	7.9	57.5	0.92	33	20.0	57	57.5	1.3	500	500
WEE- 6.8	**6.8**	**40**	**7.9**	**63.5**	**0.92**	**29**	**20.0**	**51**	**63.5**	**0.68**	**680**	**680**
WEE- 5.6	5.6	40	7.9	69.5	0.92	32	25.0	45	69.5	0.64	710	710
WEE- 4.7	**4.7**	**40**	**7.9**	**76.5**	**0.92**	**28**	**25.0**	**41**	**76.5**	**0.58**	**750**	**750**
WEE- 3.9	3.9	40	7.9	84.5	0.92	26	30.0	34	84.5	0.33	1000	1000
WEE- 3.3	**3.3**	**40**	**7.9**	**91.5**	**0.92**	**23**	**30.0**	**31**	**91.5**	**0.31**	**1030**	**1030**
WEE- 2.7	2.7	41	7.9	107	0.92	24	40.0	26	107	0.20	1270	1270
WEE- 2.2	**2.2**	**42**	**7.9**	**112**	**0.92**	**21**	**40.0**	**23**	**112**	**0.19**	**1300**	**1300**
WEE- 1.8	1.8	42	7.9	124	0.92	18	50.0	20	124	0.17	1370	1370
WEE- 1.5	**1.5**	**41**	**7.9**	**135**	**0.92**	**16**	**50.0**	**17**	**135**	**0.16**	**1420**	**1420**
WEE- 1.2	1.2	43	7.9	150	0.92	13	75.0	14	150	0.067	2200	2200
WEE- 1.0	**1.0**	**42**	**7.9**	**164**	**0.92**	**12**	**75.0**	**13**	**164**	**0.062**	**2300**	**2300**
WEE- 0.82	0.82	41	25	214	0.67	47	100	72	230	0.46	870	870
WEE- 0.68	**0.68**	**45**	**25**	**235**	**0.67**	**40**	**100**	**65**	**230**	**0.37**	**940**	**940**
WEE- 0.56	0.56	45	25	258	0.67	32	100	56	230	0.36	960	960
WEE- 0.47	**0.47**	**48**	**25**	**283**	**0.67**	**27**	**100**	**51**	**230**	**0.17**	**1400**	**1400**
WEE- 0.39	0.39	48	25	310	0.67	21	100	41	230	0.16	1420	1420
WEE- 0.33	**0.33**	**48**	**25**	**337**	**0.67**	**18**	**100**	**37**	**230**	**0.09**	**1900**	**1900**
WEE- 0.27	0.27	50	25	373	0.67	15	100	32	230	0.08	2000	2000
WEE- 0.22	**0.22**	**56**	**25**	**414**	**0.67**	**13**	**100**	**28**	**230**	**0.045**	**2700**	**2700**
WEE- 0.18	0.18	57	25	458	0.67	10	100	20	230	0.040	2850	2850
WEE- 0.15	**0.15**	**59**	**25**	**>500**	**0.67**	**8**	**100**	**16**	**230**	**0.032**	**3000**	**3000**
WEE- 0.12	0.12	61	25	>500	0.67	7	100	13	230	0.029	3350	3350
WEE- 0.10	**0.10**	**63**	**25**	**>500**	**0.67**	**6**	**100**	**11**	**230**	**0.020**	**4000**	**4000**

*INCREMENTAL INDUCTANCE CURRENT REQUIRED FOR A REDUCTION OF 5% IN INDUCTANCE. PREFERRED INDUCTANCE VALUES APPEAR IN BOLD FACE.

Low DC Resistance: Essex WEE-DUCTORS provide new lows in DC Resistance. They are ideal for use in military and industrial applications requiring the highest levels of reliability under severe climatic conditions. They are especially applicable where high component density is a critical requirement.

Excellent Shielding Characteristics: Essex Electronics has incorporated high degrees of shielding in the WEE-DUCTOR. Two 1,000µH WEE-DUCTORS, when assembled side-by-side, exhibit less than 2 percent coupling.

Clearly Identified: Inductance values are printed in easy-to-read black letters on a bright yellow body.

Available From Stock

Essex WEE-DUCTORS are available immediately from stock. WEE-DUCTORS are the latest addition to Essex Electronics broad line of standard R.F. Choke Coils.

Inductance Tolerances:

0.1 to 1µH ±20% (Q-Meter)
1.1 to 22µH ±10% (Q-Meter)
27µH to 1000µH ±5% (1 kc Bridge)
1200 µH to 56,000µH ±10% (1 kc Bridge)
68,000 µH to 180,000 µH ±20% (1kc Bridge)

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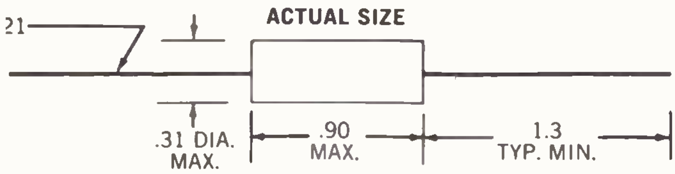
R.F. chokes

encapsulated •non-flammable •small

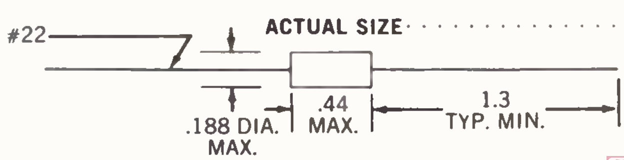
These R. F. Chokes are designed to meet MIL-C-15305A, Grade 1 (Resistant to immersion and moisture resistance tests). Class B (—55° C to +125° C). Marking: Black printing on yellow body.

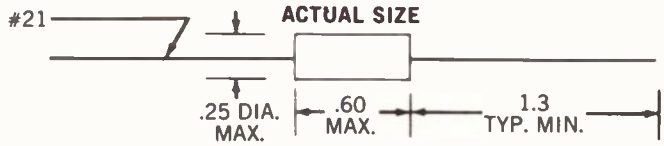
Inductance Tolerances:

0.1 to 1µH ± 20% (Q-Meter)
1.1 to 25µH ± 10% (Q-Meter)
over 25µH ± 5% (1 kc Bridge)



ESSEX PART NO.	L µH	Q min	Q min MC	approx. Fo MC	approx. Cd µµF	min. Rp KΩ	min. Rp MC	min. Rp KΩ	min. Rp MC	max. Res. Ω	max. I mA
RFC-L- 1.0	1.0	130	15	170	0.9	12	15	12	170	.03	4000
RFC-L- 1.2	1.2	130	15	155	0.9	14	15	15	155	.03	4000
RFC-L- 1.5	1.5	130	10	140	0.9	12	10	17	140	.03	4000
RFC-L- 1.8	1.8	130	10	125	0.9	14	10	19	125	.03	4000
RFC-L- 2.2	2.2	130	10	115	0.9	18	10	22	115	.04	3500
RFC-L- 2.7	2.7	100	10	102	0.9	17	10	24	102	.04	3500
RFC-L- 3.3	3.3	100	7.9	90	0.9	17	8	26	90	.04	3500
RFC-L- 3.9	3.9	80	7.9	85	0.9	15	8	28	85	.05	3100
RFC-L- 4.7	4.7	75	7.9	80	0.9	18	8	30	80	.05	3100
RFC-L- 5.6	5.6	65	7.9	72	0.9	18	8	32	72	.06	3000
RFC-L- 6.8	6.8	65	7.9	65	0.9	22	8	35	65	.06	3000
RFC-L- 8.2	8.2	65	7.9	57	0.9	26	8	50	57	.11	2400
RFC-L- 10	10	75	5	50	0.9	23	5	70	50	.15	1800
RFC-L- 12	12	75	5	45	0.9	28	5	75	45	.23	1600
RFC-L- 15	15	75	5	40	0.9	36	5	80	40	.3	1300
RFC-L- 18	18	75	5	36	0.9	42	5	80	36	.4	1150
RFC-L- 22	22	75	2.5	32	0.9	26	2.5	80	32	.5	1000
RFC-L- 27	27	70	2.5	30	0.9	29	2.5	80	30	.6	900
RFC-L- 33	33	70	2.5	28	0.9	36	2.5	80	28	.7	850
RFC-L- 39	39	70	2.5	26	0.9	42	2.5	100	26	1.1	720
RFC-L- 47	47	75	2.5	25	0.9	56	2.5	140	25	1.3	620
RFC-L- 56	56	80	2.5	22	0.9	70	2.5	140	22	1.8	540
RFC-L- 68	68	100	2.5	20	0.9	105	2.5	150	20	2.4	450
RFC-L- 82	82	100	2.5	18	0.9	128	2.5	150	18	2.8	425
RFC-L- 100	100	100	1.5	17	0.9	95	1.5	150	17	3.2	400
RFC-L- 120	120	100	1.5	15	0.9	110	1.5	150	15	4.8	360
RFC-L- 150	150	100	1.0	14	0.9	95	1.0	150	14	6.4	280
RFC-L- 180	180	95	1.0	12	0.9	107	1.0	160	12	9.5	240
RFC-L- 220	220	95	1.0	11	0.9	133	1.0	200	11	12	200
RFC-L- 270	270	70	1.0	9	1.2	118	1.0	200	9	13	195
RFC-L- 330	330	65	.79	7.5	1.4	110	.8	200	7.5	14	190
RFC-L- 390	390	65	.79	6.5	1.6	126	.8	200	6.5	15.5	180
RFC-L- 470	470	60	.79	5.5	1.8	132	.8	200	5.5	17	170
RFC-L- 560	560	75	.5	4	2.8	148	.5	175	4	18.5	165
RFC-L- 680	680	75	.5	3.2	3.5	165	.5	150	3.2	20	155
RFC-L- 820	820	75	.5	2.8	3.9	193	.5	150	2.8	22	150
RFC-L- 1000	1000	75	.5	2.4	4.3	240	.5	150	2.4	24	145
RFC-L- 1200	1200	75	.5	2.1	4.4	250	.5	160	2.1	27	137
RFC-L- 1500	1500	75	.4	1.9	4.5	290	.4	200	1.9	29	130
RFC-L- 1800	1800	65	.4	1.7	4.6	290	.4	200	1.7	32	125
RFC-L- 2200	2200	65	.25	1.5	4.7	230	.25	200	1.5	35	120
RFC-L- 2700	2700	65	.25	1.3	5.0	277	.25	200	1.3	40	112
RFC-L- 3300	3300	65	.25	1.2	5.3	330	.25	200	1.2	45	105
RFC-L- 3900	3900	65	.25	1.05	5.6	395	.25	200	1.05	49	100
RFC-L- 4700	4700	65	.25	.95	6.2	470	.25	300	.95	53	95
RFC-L- 5600	5600	65	.25	.85	6.3	570	.25	300	.95	60	90
RFC-L- 6800	6800	65	.25	.75	6.3	700	.25	300	.75	67	85
RFC-L- 8200	8200	65	.25	.65	7.2	835	.25	400	.65	75	82
RFC-L-10000	10000	65	.15	.58	7.8	1040	.15	400	.58	80	80





ESSEX PART NO.	L µH	Q min	Q min MC	approx. Fo MC	approx. Cd µµF	min. Rp KΩ	min. Rp MC	min. Rp KΩ	min. Rp MC	max. Res. Ω	max. I mA
RFC-M- 1.0	1.0	100	15	170	.85	9	15	10	170	.04	2700
RFC-M- 1.2	1.2	100	15	155	.85	11	15	12	155	.04	2700
RFC-M- 1.5	1.5	100	10	140	.85	9	10	15	150	.04	2700
RFC-M- 1.8	1.8	95	10	125	.85	10	10	15	125	.05	2500
RFC-M- 2.2	2.2	95	10	110	.85	13	10	15	110	.05	2500
RFC-M- 2.7	2.7	68	7.9	95	.85	9	8	20	95	.05	2500
RFC-M- 3.3	3.3	60	7.9	90	.85	10	8	20	90	.05	2500
RFC-M- 3.9	3.9	60	7.9	87	.85	11	8	25	87	.07	2100
RFC-M- 4.7	4.7	60	7.9	75	.85	14	8	30	75	.09	1800
RFC-M- 5.6	5.6	65	7.9	70	.85	18	8	35	70	.14	1550
RFC-M- 6.8	6.8	70	7.9	65	.85	24	8	40	65	.17	1300
RFC-M- 8.2	8.2	65	7.9	57	.85	26	8	50	57	.25	1150
RFC-M- 10	10	65	5	50	.9	20	5	60	50	.32	1000
RFC-M- 12	12	65	5	45	.9	24	5	70	45	.47	870
RFC-M- 15	15	75	4	40	.9	28	4	90	40	.62	730
RFC-M- 18	18	65	4	37	.9	29	4	90	37	.72	660
RFC-M- 22	22	65	2.5	35	.9	22	2.5	90	35	.8	600
RFC-M- 27	27	65	2.5	31	.9	27	2.5	100	31	1.2	520
RFC-M- 33	33	80	2.5	27	.9	41	2.5	120	27	1.5	450
RFC-M- 39	39	80	2.5	25	.9	49	2.5	120	25	2.3	380
RFC-M- 47	47	100	2.5	24	.9	75	2.5	120	24	3.0	300
RFC-M- 56	56	100	2.5	22	.9	87	2.5	130	22	4.2	270
RFC-M- 68	68	100	2.5	20	.9	110	2.5	150	20	5.2	250
RFC-M- 82	82	100	2.5	18	.9	128	2.5	150	18	6.2	220
RFC-M-100	100	100	1.5	17	.9	95	1.5	150	17	7	200
RFC-M-120	120	95	1.5	14	1.1	100	1.5	150	14	7.5	200
RFC-M-150	150	90	1.0	11	1.3	85	1.0	150	11	8	190
RFC-M-180	180	85	1.0	9	1.8	96	1.0	150	9	9	185
RFC-M-220	220	85	1.0	7	2.2	112	1.0	150	7	10	180
RFC-M-270	270	80	1.0	5.5	3.0	135	1.0	135	5.5	11	172
RFC-M-330	330	80	.8	4.5	3.8	136	.8	120	4.5	12	165
RFC-M-390	390	75	.8	4.0	4.1	147	.8	120	4.0	13	157
RFC-M-470	470	75	.8	3.5	4.4	180	.8	120	3.5	14	150
RFC-M-560	560	65	.8	3.1	4.7	183	.8	135	3.1	16	145
RFC-M-680	680	65	.8	2.7	5.0	225	.8	150	2.7	17	140
RFC-M-820	820	65	.8	2.5	5.0	225	.8	150	2.5	19	132
RFC-M-1000	1000	70	.5	2.3	5.0	225	.5	150	2.3	21	125

ESSEX PART NO.	L µH	Q min	Q min MC	approx. Fo MC	approx. Cd µµF	min. Rp KΩ	min. Rp MC	min. Rp KΩ	min. Rp MC	max. Res. Ω	max. I mA
RFC-S- 0.10	0.10	85	50	> 500	0.4	2.7	50	15	200	.02	4000
RFC-S- 0.12	0.12	85	50	500	0.4	3.2	50	20	200	.025	3500
RFC-S- 0.15	0.15	85	50	> 500	0.4	4.1	50	25	200	.03	3000
RFC-S- 0.18	0.18	75	50	500	0.4	4.2	50	27	200	.03	3000
RFC-S- 0.22	0.22	75	50	500	0.4	5.2	50	30	200	.03	3000
RFC-S- 0.27	0.27	70	45	470	0.4	5.3	45	40	200	.04	2700
RFC-S- 0.33	0.33	70	40	440	0.4	6.0	40	50	200	.05	2500
RFC-S- 0.39	0.39	65	40	400	0.4	6.3	40	55	200	.08	2000
RFC-S- 0.47	0.47	60	25	360	0.4	4.5	25	60	200	.08	2000
RFC-S- 0.56	0.56	55	25	330	0.4	4.8	25	80	200	.10	1700
RFC-S- 0.68	0.68	55	25	300	0.4	6.0	25	120	200	.12	1500
RFC-S- 0.82	0.82	50	25	275	0.4	6.2	25	120	200	.18	1300
RFC-S- 1.0	1.0	50	20	250	0.4	6.5	20	120	200	.24	1100
RFC-S- 1.2	1.2	45	20	220	0.4	6.5	20	120	200	.35	1000
RFC-S- 1.5	1.5	45	15	200	0.4	6.5	15	120	200	.43	850
RFC-S- 1.8	1.8	45	15	180	0.4	7.6	15	120	180	.65	720
RFC-S- 2.2	2.2	45	15	165	0.4	9.5	15	120	165	.80	610
RFC-S- 2.7	2.7	55	10	110	0.7	9	10	20	110	.12	1600
RFC-S- 3.3	3.3	55	10	100	0.7	11	10	25	100	.15	1400
RFC-S- 3.9	3.9	60	10	95	0.7	14	10	27	95	.23	1200
RFC-S- 4.7	4.7	70	7.9	90	0.7	17	8	30	90	.30	1000
RFC-S- 5.6	5.6	65	7.9	80	0.7	18	8	35	80	.45	900
RFC-S- 6.8	6.8	65	7.9	70	0.7	22	8	45	70	.55	800
RFC-S- 8.2	8.2	60	7.9	65	0.7	24	8	47	65	.65	720
RFC-S- 10	10	60	5	60	0.7	19	5	50	60	.73	650
RFC-S- 12	12	65	5	53	0.7	24	5	60	53	1.1	590
RFC-S- 15	15	80	2.5	47	0.7	19	2.5	70	47	1.4	500
RFC-S- 18	18	75	2.5	43	0.7	18	2.5	72	43	1.6	460
RFC-S- 22	22	75	2.5	40	0.7	26	2.5	75	40	1.8	430
RFC-S- 27	27	75	2.5	36	0.7	30	2.5	75	36	2.7	360
RFC-S- 33	33	85	2.5	32	0.7	44	2.5	80	32	3.5	300
RFC-S- 39	39	80	2.5	26	0.9	48	2.5	80	26	3.8	290
RFC-S- 47	47	80	2.5	22	1.1	60	2.5	80	22	4.0	275
RFC-S- 56	56	75	2.5	19	1.3	66	2.5	80	19	4.4	265
RFC-S- 68	68	75	2.5	16	1.5	83	2.5	80	14	4.7	250
RFC-S- 82	82	75	2.5	13	2.0	96	2.5	80	13	5.3	235
RFC-S-100	100	75	1.5	10	2.5	72	1.5	80	9.5	6.0	220

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- Resolution to 0.01%
- .002 to 110K ohm series res.
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- Resolution to 0.01%
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- 1000 ohms to 100 megohms resistance
- Self contained 1 MC osc-det.
- Built-in DC bias for semi-conductor testing available

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THREE TERMINAL

CAPACITANCE BRIDGE

FOR 100 KC USE

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- Accuracy to 0.25%
- Resolution to 0.01%
- .001 to 1000 μmhos conductance
- 1000 ohms to 100 megohms resistance
- Self-contained 100KC osc-det
- Built-in DC bias for semiconductor testing available

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TUNED AC NULL DETECTOR

- Useful as a detector for low frequency impedance bridges Balance can be observed on either built in CRT or external meter
- 20 cycles to 200 KC tuning range
- 10 μv sensitivity
- 1 megohm shunted by 100 μμf input
- Discrimination to 40 db against 2nd harmonic
- Phase sensitive

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PRICE $1900

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- 1-100 MC:85B
- 0.1-6 MC:85C
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- Accuracy: ±2 db
- RF Voltmeter: Same as 91C

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UHF GRID DIP METER

- Highest sensitivity to L & C coupling
- 300 to 1000 MC
- Accuracy: 2%

MODEL 101B
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NEW SENSITIVE R F VOLTMETER

MODEL 91D

- 1.2KC — 1200MC Frequency Range
- 300μv — 3v Range
- Linear DC Output
- High Impedance Probe Supplied

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MODEL 91C PRICE $395

- 10KC — 600MC Frequency Range
- 1 Mv — 3v Range

MODEL 91CA Price $495

- 300μv — 3v Range

SENSITIVE DC NULL DETECTOR

FOR MAXIMUM READOUT ON WHEATSTONE BRIDGES

- 1 μv to 100 v sensitivity
- Input: 10 megohms constant
- Floating input
- Amplifier Gain: 100 db

MODEL 56A
PRICE $395

SENSITIVE DC METER

ULTRA SENSITIVITY IN VOLTAGE & CURRENT MEASUREMENTS

- 1 μv to 1000 v in 17 ranges
- 0.1 μμa to 1 a in 25 ranges
- Input: 10 megohms constant
- Floating input
- Amplifier Gain: 100 db

MODEL 95A
PRICE $495

DC VOLTMETER

- 10 μv to 1000 v in 14 ranges
- Input: varies 10-100 megohms
- Amplifier Gain: 70 db
- Amplifier Output: ±0.5 ma into 1500 ohms
- Zero center meter eliminates polarity switch

MODEL 97A
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DIFFERENTIAL DC VOLTMETER

- 10 μv to 1000 v in 14 ranges
- Input: varies 10-50 megohms
- DC common mode rejection = 80 db
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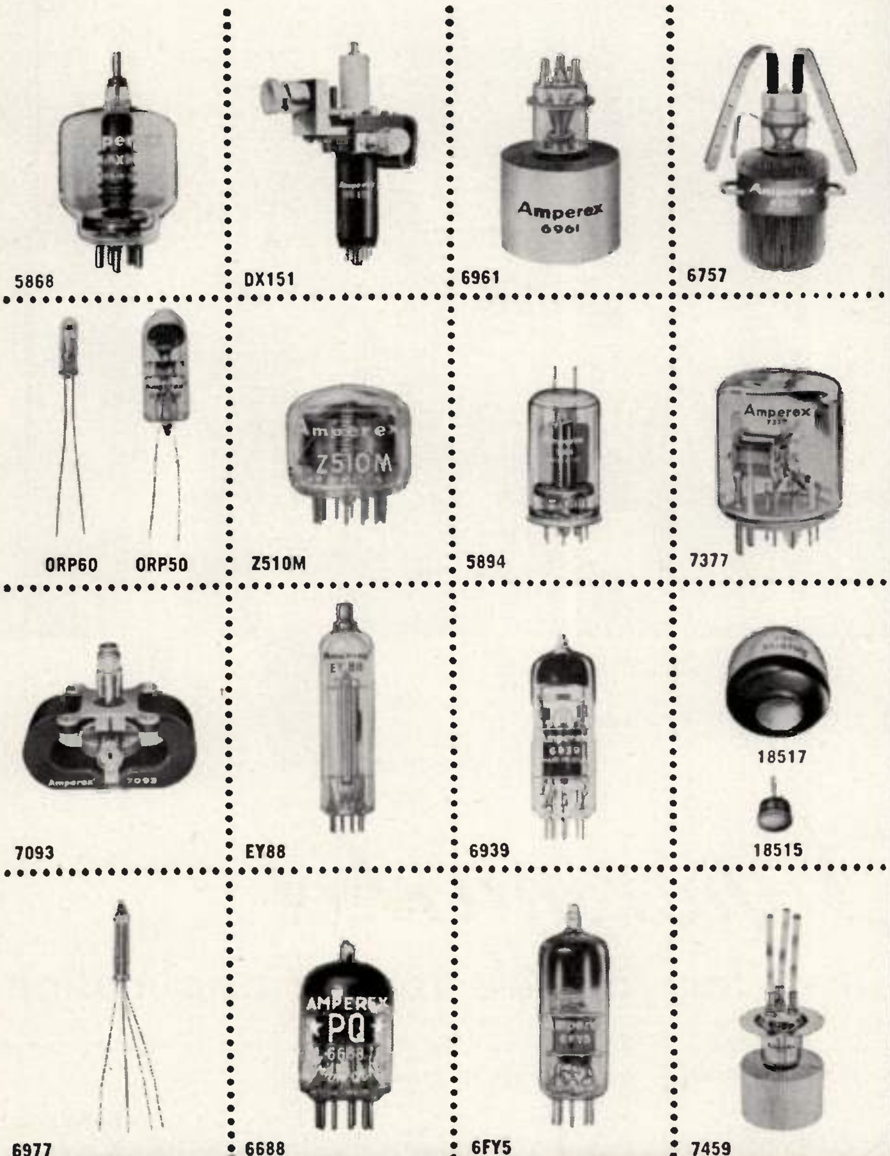

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	27.00
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100HB	54.00
100N	43.50
100NB	46.00
120C	90.00
120CB	95.00
120N	90.00
120NB	95.00
150N	61.00
150NB	66.00
153C	91.00
200C	67.00
200CB	71.00
200HB	67.00
200N	56.00
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230N	41.00
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‡6R3/EY81	2.80
16AQ3	2.60

TWIN DIODE

Type No.	Suggested Resale Price
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DIODE, VTVM

Type No.	Suggested Resale Price
6923	$13.00

IGNITRONS

Type No.	Suggested Resale Price
5551A	$ 65.00
5552A	99.00
5553B	245.00
5555	316.00
5822A	116.00
7585	99.00

TUNING INDICATORS

Type No.	Suggested Resale Price
1M3	$1.95
6BR5	2.45
6CD7	3.65
6DA5	2.45
6FG6	2.95
DM71	2.00

KLYSTRON, REFLEX

Type No.	Suggested Resale Price
2K25	$39.50

MAGNETRONS

Type No.	Suggested Resale Price
2J42	$ **
5586	417.00
6972	325.00
7091	**

PENTODES

Type No.	Suggested Resale Price
*‡3EH7	$ 2.90
*‡3EJ7	2.90
*‡4EH7	2.90
*‡4EJ7	2.90
‡6AU6	2.10
‡6BA6	2.00
‡6BQ5	2.60
‡6BX6	3.15
6CA7	5.60
‡6CW5	3.50
‡6DA6	2.85
*‡6EH7	2.90

PENTODES (Con't)

Type No.	Suggested Resale Price
*‡6EJ7	2.90
‡8BQ5	2.60
‡45B5	3.50
828	27.60
5654/6AK5W	3.45
*5847	17.50
6007	1.50
6008	1.50
6083	14.25
6084	3.75
6227	3.75
‡6267	2.75
6375	11.50
6686	5.00
6688	8.00
6688A	8.06
6689	4.50
‡7189	3.60
*7534	16.50
7693	4.20
7694	4.20
*7737	9.00
EFP60	8.75
‡EL37	5.75

PENTODE, DUO-DIODE

Type No.	Suggested Resale Price
‡6DC8	$3.25

TRIODE-PENTODES

Type No.	Suggested Resale Price
‡6BL8	$3.80
‡6BM8	3.20
‡6DX8	3.20
‡6U8	3.30
‡50BM8	3.50
7643	5.25

PHOTOMULTIPLIERS

Type No.	Suggested Resale Price
50AVP	$ 62.00
50AVP-SP	78.00
51UVP	308.00
52AVP	120.00
53AVP	80.00
53AVP-X	88.00
53UVP	462.00
54AVP	158.00
55AVP	210.00
56AVP	496.00
56UVP	696.00
57AVP	850.00
58AVP	850.00
150AVP	62.00
150AVP-SP	76.00
150CVP	84.00

RECTIFIERS

Type No.	Suggested Resale Price
‡1S2A	$ 2.75
‡5AR4	4.20
‡5RAGY	1.90
‡6CA4	2.10
‡6V4	1.50
‡6X4	1.65
575A	22.15
673	22.15
8020AX	24.00

RECTIFIERS, MERCURY

Type No.	Suggested Resale Price
857B	$235.00
866AX	3.10
869B	160.00
869BL	160.00
872AX	11.65
6508	80.00
6693	25.00
7136	25.00
8008AX	10.65

RECTIFIERS, XENON

Type No.	Suggested Resale Price
3B28	$ 7.60
4B32	13.50

VOLTAGE REFERENCE TUBES

Type No.	Suggested Resale Price
85A1/OE3	$2.75
85A2/OG3	2.50
5651	2.50

VOLTAGE REGULATORS

Type No.	Suggested Resale Price
OA2	$1.75
OB2	1.90
90C1	2.50
150B2/6354	3.00
6354	3.00

TETRODES

Type No.	Suggested Resale Price
4-125A	$ 36.00
4-250A	46.50
4-400A	48.00
4CX250B	39.35

TETRODES (Con't)

Type No.	Suggested Resale Price
4CX250F	39.35
4X150A	29.35
4X150D	29.35
4X250B	36.50
4X250F	36.50
4X500A	128.50
6075	250.00
6076	305.00
6079	60.00
6155	36.00
6156	46.50
6883	5.90
6979	42.50
7527	48.00
7609	29.35
‡7699	16.00

TETRODES, BEAM

Type No.	Suggested Resale Price
813	$21.10
7378	45.00

TWIN TETRODES

Type No.	Suggested Resale Price
829B	$19.00
832A	15.90
5894 COMM	32.40
5894 MIL	35.40
5895	18.50
6252	32.40
6360 COMM	6.30
6360 MIL	6.70
6907	32.40
6939	14.00
7377	25.00

THYRATRONS

Type No.	Suggested Resale Price
2D21	$ 1.85
3C23	11.98
632B	36.00
5632/C3J	15.50
5684/C3JA	19.80
5685/C6JA	27.80
5727	2.70
AX260	150.00

THYRATRONS, HYDROGEN

Type No.	Suggested Resale Price
6268	$32.50
6279	45.00

THYRATRONS, MERCURY

Type No.	Suggested Resale Price
5557/FG17	$ 9.50
5559	23.00
5560/FG95	33.00
5869	25.00
5870	100.00
6786	200.00
AX105/FG105	53.33

THYRATRONS, XENON

Type No.	Suggested Resale Price
2050	$ 3.35
5544	30.50
5545	29.30

TRIODES

Type No.	Suggested Resale Price
*‡2ER5	$ 2.80
*‡2FY5	2.80
*‡3ER5	2.80
*‡3FY5	2.80
‡6AT6	1.90
‡6AV6	1.65
*‡6ER5	2.45
*‡6FY5	2.80
‡6Q4	6.00
‡6R4	5.10
356	660.00
450TH	77.00
450TL	77.00
501R	225.00
502	210.00
502R	235.00
504R	245.00
805	20.10
810	25.65
811A	8.10
812A	8.10
833A	53.65
834	19.30
838	20.00
845	20.80
849	185.00
849A	165.00
880	595.00
889A	235.00
889RA	370.00
891	275.00
891R	430.00
892	270.00
892R	425.00
5604	570.00

TRIODES (Con't)

Type No.	Suggested Resale Price
5619	423.00
5658	595.00
5666	280.00
5667	370.00
5771	660.00
5823	2.50
*5842	17.50
5866	20.00
5867	30.00
5868	55.00
5923	165.00
5924	231.00
5924A	275.00
6333	290.00
6445	455.00
6446	305.00
6447	465.00
6756	388.00
6757	535.00
6758	173.00
6759	206.00
6800	350.00
6801	505.00
6960	150.00
6961	210.00
6961A	230.00
7004	160.00
7092	125.00
7237	180.00
7459	230.00
7804	440.00
7805	402.00
7806	795.00
7807	584.00
HF200	49.50
HF300	40.50
TBL2/400	250.00
TBL2/500	270.00
ZB3200	395.00

TRIODE, INDICATOR

Type No.	Suggested Resale Price
6977	$3.50

TWIN TRIODES

Type No.	Suggested Resale Price
*‡4ES8	$4.55
6AL5W	2.10
‡6AQ8	2.60
*‡6DJ8	2.45
*‡6ES8	4.55
*‡6GM8	4.55
‡6J6	2.80
‡9AQ8	3.10
‡12AT7	3.05
‡12AU7	2.45
‡12AX7	2.55
‡17EW8	2.60
5920	2.95
6085	3.75
6201	4.20
6211	2.35
6463	3.50
*6922	5.50
*6922 MIL	5.50
‡7025	2.90
7062	2.40
7119	3.15
*7308	6.00
7316	2.00
E92CC	2.40

TRIGGER TUBES COLD CATHODE

Type No.	Suggested Resale Price
7710	$1.95
7713	4.30
Z50T	2.20
Z70U/7710	1.35
Z70W/7709	2.10
Z71U/7711	1.95
Z300T	4.95
Z803U	5.50
Z805U/7714	2.35

PHOTO CONDUCTIVE CELLS

Type No.	Suggested Resale Price
ORP11	$ 2.95
ORP30	3.80
ORP50	1.95
ORP60	.75
ORP61	.75
ORP90	1.95
61SV	22.00

PENTAGRID

Type No.	Suggested Resale Price
6687	$1.55

BEAM DEFLECTOR TUBE

Type No.	Suggested Resale Price
6218	$15.00

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semiconductors by Amperex®

...mass-produced for specific applications at the new Amperex plant in Slatersville, Rhode Island

THE SEMICONDUCTORS

■ Amperex Post Alloy Diffused VHF communication Transistors for RF, IF, converter, mixer and oscillator applications—PADT-produced to provide UHF performance at VHF prices, with maximum uniformity, interchangeability, high beta and greater design freedom for the engineer.

■ Amperex PADT Transistors for high speed switching applications, featuring high dissipation, uniformity, and deep-diffused, extremely thin active base region, resulting in increased beta and higher cut-off frequency.

■ Amperex PNP and NPN Transistors for audio and computer applications, featuring high power handling capacity, low leakage and unparalleled ruggedness.

■ Amperex Germanium and Silicon Diodes, including a complete subminiature line, as well as silicon reference and power rectifier types, designed for the manufacturer who demands optimum stability.

THE P·A·D·T PROCESS

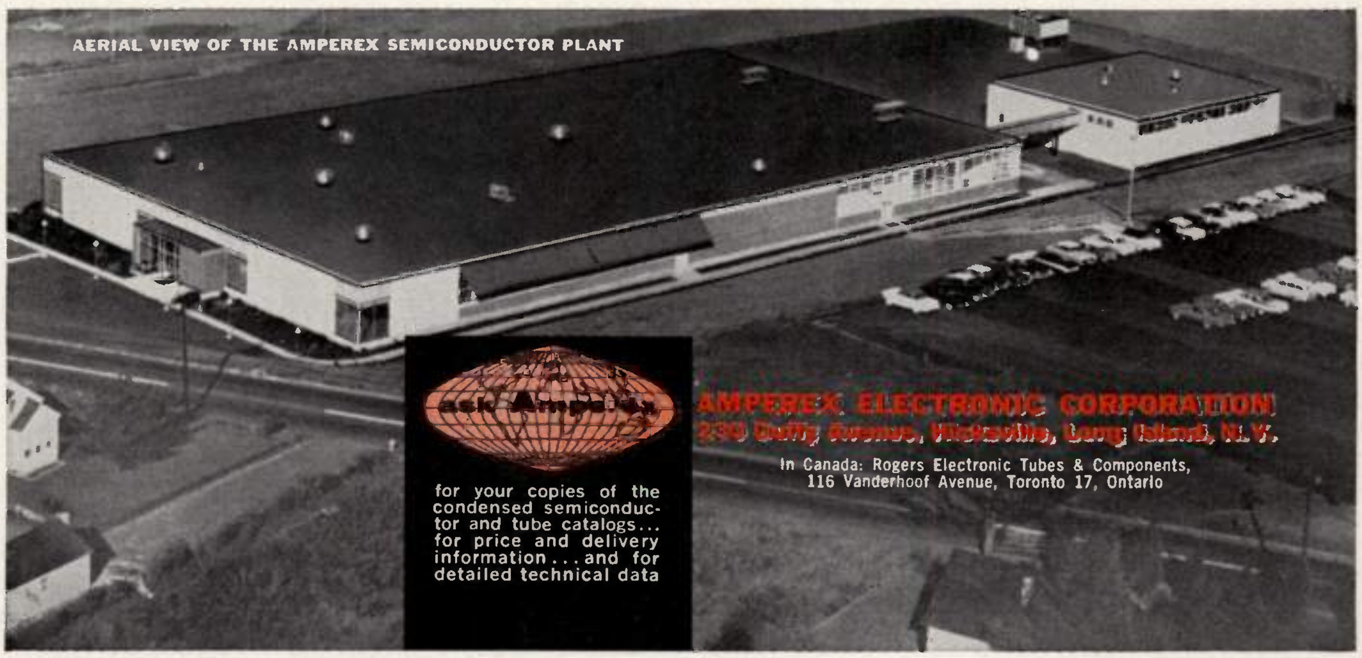
The Post Alloy Diffusion Technique—P·A·D·T—is the world's **only** process that combines the best qualities of both the alloy and the diffusion approaches to transistor manufacturing. This unique process, implemented and fully proven by Amperex, provides the quality manufacturer with immediately available production transistors of laboratory calibre...and at the lowest possible cost.

THE PLANT

Amperex, Slatersville, Rhode Island—one of the world's most modern plants devoted exclusively to the manufacture of semiconductors for industrial, communications and entertainment applications. The exclusive "self-jigging" techniques employed by Amperex, as well as specially developed tooling methods and fully automatic high-volume equipment, are the user's guarantee of complete satisfaction.

APPLICATIONS ASSISTANCE FOR CUSTOM AND STANDARD TYPES

The facilities of the modern Amperex applilications laboratory and the Amperex R & D laboratory—both located at the Hicksville, Long Island, plant—are always available to Amperex customers for consultation on any applications problem.



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...mass-produced for specific applications at the new Amperex plant in Slatersville, Rhode Island

transistors *representative of the* **Amperex** *line*

	MAXIMUM RATINGS				TYPICAL CHARACTERISTICS AT 25° C AMBIENT					
	V_{CE} VOLTS	I_C ma	P_C mw	T_j °C	f_i mc	hfe 1 kc	I_{CBO} ua	Gain db at	Freq. mc	Case
AM/FM RECEIVERS										
PADT-20 (rf)	20	10	83	75	70	150	1.5	12.5	100	TO-7
PADT-21 (conv)	20	10	83	75	70	150	1.5	12 (G_c)	10.7	TO-7
PADT-22 (if)	20	10	83	75	70	150	1.5	23	10.7	TO-7
MOBILE COMMUNICATIONS										
PADT-25 (hf-if)	35	10	100	85	70	150	1.5	22	10.7	TO-7
PADT-26 (rf-if-conv)	35	10	100	85	70	150	1.5	16	50	TO-7
PADT-28 (rf)	35	10	100	85	220	120	10 (max.)	14	200	TO-7
PADT-31 (mix-mult)	35	10	100	85	70	150	1.5	18 (G_c)	26	TO-7
AUTOMOBILE SETS										
PADT-23 (rf)	35	10	100	85	70	150	1.5	45.9	1.5	TO-7
PADT-24 (if)	35	10	100	85	70	150	1.5	37	262.5 kc	TO-7
PADT-27 (osc-conv)	35	10	100		70	150				TO-7
GENERAL PURPOSE										
2N1515 (if)	20	10	83	75	70	100	1.5	61	455 kc	TO-7
2N1516 (conv)	20	10	83	75	70	100	1.5	18 (G_c)	26 mc	TO-7
2N1517 (rf)	20	10	83	75	70	100	1.5	10	100	TO-7
2N1517A (rf)	40	10	100	85	70	100	1.5	14	100	TO-7
PADT-30 (hf-rf)	25	10	83	75	200		10 (max.)	14	200	TO-7
PADT-35 (video/sw.)	50	30	120	75	C_{re}=2uf (5 mc)		5 (max.)	tr=60ns. max.		TO-7
OC-44 (mix-osc)	15	10	83	75	15		0.5			(TO-1)
OC-45 (if)	15	10	83	75	6		0.5			(TO-1)
HIGH SPEED SWITCHING										
PADT-40 (saturated)	20	30	275	75	300	30	I_{EBO} 4 max.	t_{tot} = 135 ns		TO-18
PADT-51 (avalanche)	V_{CO}<2v.	75	83	75	V_{CB} at I_{CO} =1 ma:25v.	(I_C=12 ma)		t_r = 1 ns.		TO-7
OC-22	24	1000	K=3°C/mw	75	2.5	180	30			TO-3
OC-23	24	1000	K=3°C/mw	75	2.5	180	30			TO-3
OC-24	24	1000	K=3°C/mw	75	2.5	180	30			TO-3
OC-46	20	125	83	75	3.0	80	3			(TO-1)
OC-47	20	125	83	75	5.5	200	3			(TO-1)
AF POWER & SWITCHING										
2N1666	60	6A	12W	90	200 kc	32	100			(TO-3)
2N1667	60	6A	12W	90	200 kc	90	100			(TO-3)
2N1668	32	6A	30W	90	200 kc	50	100			(TO-3)
2N1669	32	6A	30W	90	200 kc	70	100			(TO-3)
OC-80	32	300	550	75	2 mc	85	10			(TO-1)
2N284	32	125	75	75	.9	45	4.5			(TO-1)
2N284A	60	125	75	75	.9	52	4.5			(TO-1)
LARGE SIGNAL AMPLIFIER										
2N131A	16	3A	12.5	90	150 kc	33	100			(TO-3)
OC-30	16	1.4A	900	75	300 kc	35	12			(TO-3)
2N281	16	125	125	75	.9	70	4.5			(TO-1)
AUDIO AMPLIFIER (SI)										
OC200	25	50	250	150	1	20	.01			(TO-1)
OC201	25	50	250	150	4	30	.01			(TO-1)
SPECIAL PURPOSE										
PADT-50 (core driver)	75	750	16W	75	60		I_{CEO} = 1 ma	t_{tot} = 1.6 us		TO-3
PADT-60 (PNPN) (switching trans.)	35 (V_{CB}=12v.)	25 (V_{CE} sat. = .6v.)	50	75			10			TO-7

diodes *representative of the* **Amperex** *line*

	Max. Ratings (25° C)		TYPICAL CHARACTERISTICS				
	V_O V	I_O ma	Forward Current ma	at Forward Volts V	Reverse Current ua	at Reverse Volts V	Case
COMPUTER TYPES							
1N119	60	35	5	1.0	125	50	clip-in
1N120	60	35	5	1.0	25	10	clip-in
1N191	90	35	5	1.0	25	10	submin.
1N192	70	35	5	1.0	20	10	submin.
1N480	60	35	5	1.0	125	50	solder-in
1N490	60	35	5	1.0	25	10	solder-in
1N698	15	50	0.1	0.23	4.5	10	submin.
1N3122	20	180	10	0.34	3.0	10	submin.
S262	15	30	3	1.0	150	15	submin.
OA5	100	115	200	1.0	6	10	single end.
DETECTOR							
1N60 (video)	30	50			67	10	solder-in
1N87 (video)	25	45	0.1	0.25	30	1.5	solder-in
1N87A (video)	25	45	0.1	0.25	30	1.5	submin.
1N295	40				200	10	
1N541 (AM)	30	10	1.5	1.0	18	10	solder-in
1N542 (FM)	Matched pair of 1N541						
GENERAL PURPOSE							
1N34	60	40	5	1.0	30	10	solder-in
1N34A	60	50	5	1.0	30	10	clip-in
1N38	100	50	4	1.0	5	3	solder-in
1N38A	100	50	4	1.0	5	3	clip-in
1N58	100	50	4	1.0	50	10	solder-in
1N58A	100	50	4	1.0	50	10	clip-in
1N67A	80	30	4	1.0	50	50	submin.
1N90	60	30	5	1.0	500	50	submin.
1N126	60	30	5	1.0	50	10	submin.
1N128	40	30	3	1.0	10	10	submin.
1N198	80	30	5	1.0	75	10	submin.
1N476	90	50	3	1.0	11	10	solder-in
1N478	90	50	5	1.0	30	3	solder-in
1N617	90	50	3	1.0	11	10	submin.
1N618	90	50	5	1.0	7	10	submin.
VOLTAGE VARIABLE CAPACITANCE DIODE							
1N3182	20	C_D=33 μμf at −4V., f=500 kc			100	20	submin.
SILICON DIODES							
1N456	25	90	40	1.0	.025	25	submin.
1N457	60	75	20	1.0	.025	60	submin.
1N458	125	55	7	1.0	.025	125	submin.
1N459	175	40	3	1.0	.025	175	submin.
1N461	25	60	15	1.0	0.5	25	submin.
1N462	60	50	5	1.0	0.5	60	submin.
1N463	175	30	1.0	1.0	0.5	175	submin.
1N464	125	40	3	1.0	0.5	125	submin.
SILICON REFERENCE DIODES							
OAZ200 to OAZ207	40 ma diodes 4.7 v to 9.1 v. V_F at I_D = 10 ma: 0.72 v.						(single end.)
RECTIFIERS							
OA31 (Ge)	85	12 amps					(DO-5)
OA210 (Si)	400	500					DO-3
OA211 (Si)	800	400					DO-3

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ASSOCIATED RESEARCH INCORPORATED

3788 W. Belmont Avenue • Chicago 18, Illinois

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INSULATION RESISTANCE Testers

Five Million Megohms

VIBROTEST® Megohmmeter Model 201 . . . Ranges on the 4½" meter: 200 megohms, 2000 ohms and 0-50/300/600 v, a-c and d-c. Only . . . $136.50.

VIBROTEST® Megohmmeter

Models for Laboratory, Production and Portable Applications

Direct reading resistance measurements to five million megohms and higher . . . of electronic circuits, cable assemblies, transmission lines, motors, servos, generators, components and insulating materials.

VIBROTEST® megohmmeters have an electronic power supply providing test potentials to 1000 v d-c, thus eliminating the cranking and leveling of older designs.

Push-button operation makes possible high speed production testing of electronic assemblies and components. The welded steel carrying case is finished in baked grey hammertone enamel. The removable cover protects the controls and indicating meter.

Write for bulletin "VIBROTEST®", detailing the many special megohmmeters available.

PRECISION OHMMETER (½ of 1%)

- **Accuracy of ½% . . . is Four Times Better!**
- **Portable Convenience with Laboratory Accuracy.**
- **Compensates for Lead and Battery Resistance.**

Direct reading resistance meaurements that are four to six times more accurate than with most ohmmeters . . . of leads, coils, other electronic components and circuits, from .05 ohm to 100,000 ohms.

Operates from self-contained batteries. Welded steel case and cover finished in baked grey hammertone enamel. Price, including batteries and leads, only $128.00.

Model 244 . . ranges 0-50/500/5,000/50,000 ohms.
Model 246 . . ranges 0-100/1,000/10,000/100, 000 ohms.

GROUND RESISTANCE Tester

Direct Reading VIBROGROUND®

Measure resistance to ground of electronic, telephone and power equipment, shielding, lightning protection and other installations where performance and safety require an accurate determination of ground resistance.

VIBROGROUND® is direct reading and requires no computations, cranking or leveling. Operates from self-contained power supply. Housed in welded steel case with protecting cover, finished in baked grey hammertone.

Write for bulletin "VIBROGROUND®", including data on instruments measuring earth resistivity and conductance.

PHASE SEQUENCE Indicator

Instant indication of phase rotation in three phase, 60 or 400 cycle circuits. Has no batteries, moving parts or binding posts. Convenient pocket size, only 3"x5"x2", weight is less than one pound. Also available for panel mounting.

Model 40: 120/240/480v, 60c . . only $27.50
Model 44: 120/240/480v, 400c . . only $34.75

Write for Bulletin 7-1.1

HIGH VOLTAGE Testers

Assemblies • Cables • Components • Materials
150 KV and up . . . A-C or D-C Test Potentials

Mobile HYPOT®

Insulation breakdown, dielectric strength and leakage current at potentials of 150 kv or more . . . are determined with HYPOT® testers.

Models provide either a-c or d-c testing, in power ratings for every application. They meet applicable ASTM and MIL specifications for testing elements of completed missile systems, airborne and ground radio and radar, as well as components and insulating materials.

Mobile HYPOT® models offer a-c or d-c test potentials of 150 kv and up, in output ratings adequate for testing heaviest power equipment. Readily transportable for convenient use in laboratory, factory and for field testing. Advanced safety features protect equipment and operator.

A unique metering circuit in d-c Mobile HYPOTS® eliminates distortion of leakage current indication by corona, surface or phase leakage currents. Write for new bulletin "Mobile HYPOT®"

to 30 KV, A-C or D-C . . . Bench HYPOT®

Over-potential tests to 30 kv with a wide range of power ratings are provided in bench semi-portable HYPOT® models measuring only 21" wide and 16" deep.

These offer many feaures of the larger HYPOT® instruments, such as fast acting circuit breaker to protect equipment, safety voltage interlocks, and continously variable test potential that is directly metered.

Four series of bench type HYPOTS® are available, with maximum output potentials of 30,000, 20,000, 10,000 and 5,000 volts. Models providing a-c or d-c test potentials and wide range of power ratings are included. Special models have high current output for rapid charging of large capacitors and similar applications in production testing. Write for bulletin "Practical HYPOT® Testing" and catalog describing semi-portable HYPOT® models.

Model 424 . . output 0-5000 v d-c, at 100 microamperes, but has short circuit output of 5 milliamperes for rapid charging of capacitors.

to 10 KV, A-C . . . Portable HYPOT® Jr.

Model 412 . . output from 0 to 1500 v a-c. Indicator lights for insulation breakdown and excessive leakage current. Only . . . $137.50.

Test completed electrical and electronic systems for voltage breakdown, as well as assemblies, components and materials.

HYPOT® Jr. a-c test potential is continuously variable with ranges from 0 to 1,500, 2,500, 4,000 and 6,000 v. The sturdy steel case and lid are finished in baked grey hammertone. Output ratings from 50 to 230 va are offered.

Excess leakage current is indicated by a leakage light or by audible means if desired. Insulation breakdown or short-circuit are indicated by breakdown light. These facilities make the HYPOT® Jr. well suited for automatic testing. Write for bulletin "HYPOT® Jr."

SPECIALIZED Instruments

In addition to these general purpose instruments, an unequalled selection of meghommeters (5 million megohms and up) and high voltage breakdown testers (150 kv and up) are offered for specialized applications, as well as:

INSULATION MATERIAL Tester . . measures dielectric strength of insulation samples to ASTM specifications at a-c potentials of 35,000 v or more.

LIQUID INSULATION Tester . . developed for breakdown test of transformer oil, but has been applied to many other tests of insulating fluids. Write for Bulletin 4-60.1.

"THUMPER" CABLE FAULT Locator . . pinpoints to within a few feet, location of defective cable insulation. Bulletin 5-60.1.

INSTRUMENT CURRENT Transformers . . Donut design for metering up to 4500 amperes.

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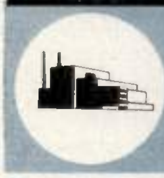
TYPICAL USES



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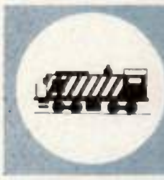

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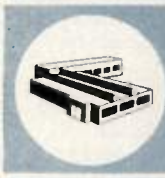

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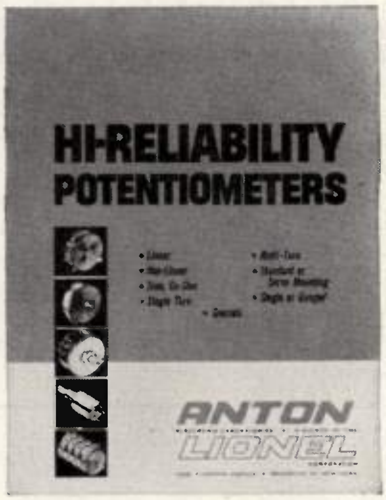

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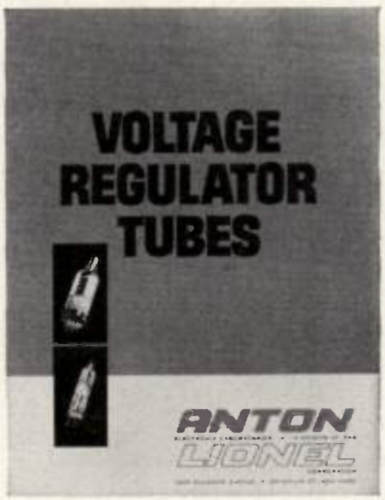

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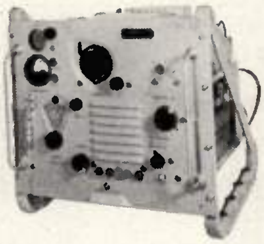
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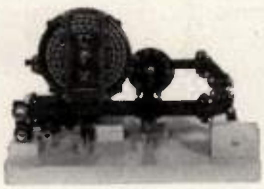
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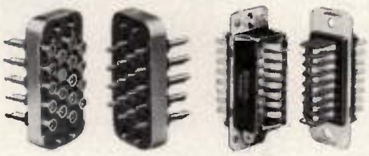

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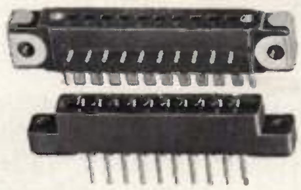

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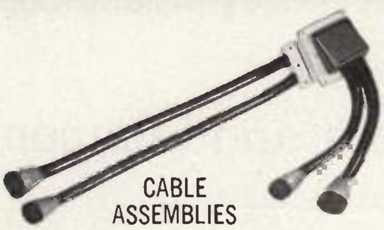

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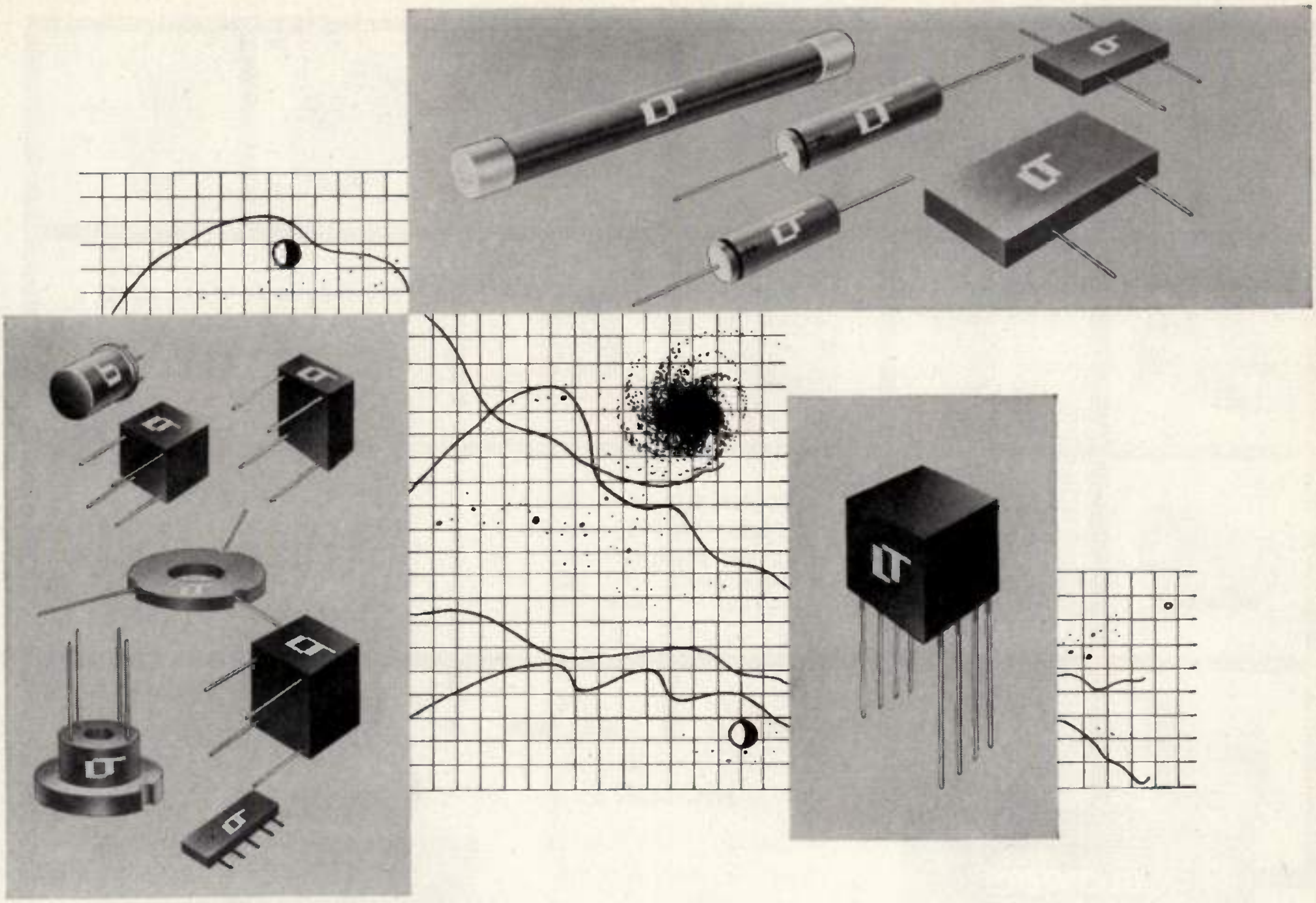

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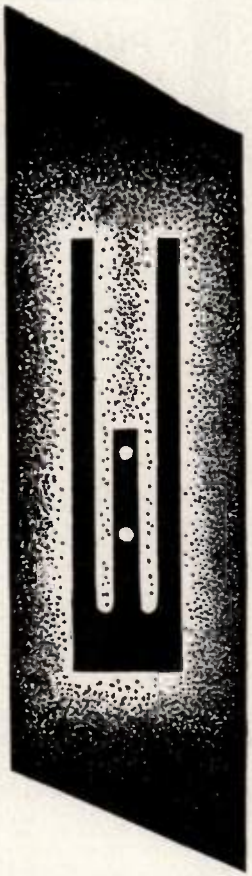

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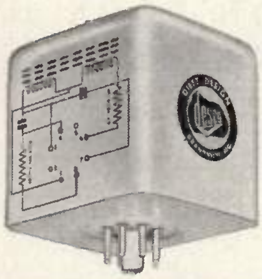

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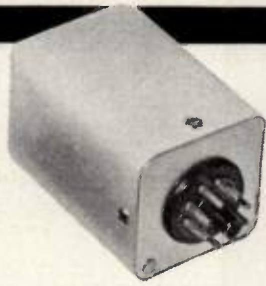

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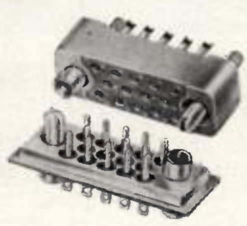

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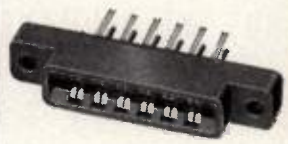

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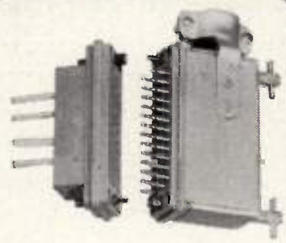

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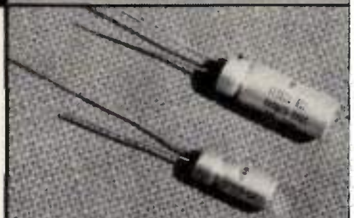

• Foil, TES Type

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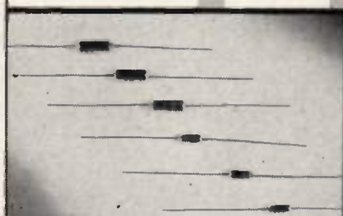
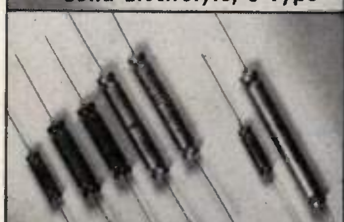
Foil, single ended	TES	—55 to +85	6 to 150	1 to 90	1.8 to 600	0.312 x 0.650 to 0.375 x 1.0
Foil, axial leads	TEH	—55 to +125	3 to 100	0.25 to 350	0.5 to 150	0.187 x 1.0 to 0.375 x 3.25
Foil, axial leads	TH	—55 to +125	3 to 150	0.15 to 350	0.28 to 580	0.187 x 0.75 to 0.375 x 2.875
Foil, axial leads	HV	—55 to +125	200 to 300	0.13 to 35	None	0.187 x 0.75 to 0.531 x 2.875
Wire anode	TE	—30 to +65	1 to 4	0.01 to 1	1 to 16	0.075 x 0.150 to 0.103 x 0.313
Wire anode	TEW	—55 to +71	2 to 30	1 to 4	4 to 60	0.138 x 0.219 to 0.138 x 1.0
Solid electrolyte	S	—80 to +125	6 to 35	.0047 to 60	None	0.125 x 0.250 to 0.175 x 0.438
Solid electrolyte	TS	−55 to +85	1 to 15	.0047 to 16	None	0.065 x 0.150 to 0.065 x 0.240



• Solid Electrolyte, S Type



• Foil, HV Type

TANSITOR ELECTRONICS INCORPORATED

Where Reliability Comes First

Tantalum Capacitors

CANADA

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F RIBET DESJARDINS INSTRUMENTS

LIST AND SPECIFICATIONS OF THE RIBET DESJARDINS TEST AND MEASURE ELECTRONIC DEVICES

I. - OSCILLOSCOPES

MODELS	Number of traces	SWEEP SYSTEM Sweep rates	SWEEP SYSTEM Calibration	VERTICAL AMPLIFIER Band width Hz - MHz	VERTICAL AMPLIFIER Sensitivity mV/p. to p. /cm	VERTICAL AMPLIFIER Rise time µs	Cathode Ray Tube Diameter (m/m)	USES
204 A	1	0,005 µs/cm - 2 s/cm	Direct reading + marker 100 MHz	0 - 50	25 (10 KV) 50 (20 KV)	0,007	125	Special researches
251 A	2 1	0,02 µs/cm - 10 s/cm 0,02 µs/cm - 10 s/cm	Direct reading	0 - 24 0 - 30 10 - 20	50 50 5	0,015 0,012 0,02	125	Laboratory research and study of transient phenomena
252 C	1	0,1 µs/cm - 4 ms/cm	Marker from 0,05 µs to 1000 µs	0 - 10 10 - 10	80 50	0,04	125	For complex transient phenomena and television study
254 A	2 1	0,1 µs/cm - 1 s/cm 0,1 µs/cm - 1 s/cm	Direct reading	0 - 4 0 - 9 20 - 6	50 100 10	0,1 0,045 0,06	125	For maintenance, electronic computers and laboratory use
255 B	1	0,10 µs/cm - 0,32 s/cm	Direct reading	0 - 6 10 - 6	100 10	0,06	70	Portable oscilloscope
256 A	1 2	1 µs/cm - 1 s/cm	Direct reading	0 - 1 0 - 0,8	15 50		90	VLF. (Very Low Frequency)
258 A	1	2 µs/cm - 20 ms/cm		50 - 1	50		70	Portable oscilloscope for TV and radio servicing
267 B	1	1 µs/cm - 0,1 s/cm		0 - 1 20 - 0,8	250 10		90	Versatile oscilloscope
268 A	1	10 Hz à 30 KHz		50 - 1	45		70	Portable oscilloscope for TV and radio servicing

II. - GENERATORS AND WOBBULATORS

MODELS	FREQUENCY RANGE	SIGNALS	ACCURACY	MODULATION	OUTPUT VOLTAGE	ACCURACY	USES
405 A	30 Hz - 300 KHz		1 %	L.F.	2 × 10 V	3 %	Ultrasonic frequency research and LF laboratory measurements
410 B	0 - 250 MHz	wobbulated	0,1 % crystal marker	FM	0,1 V		TV and FM radio maintenance and adjustment (incorporated oscilloscope)
411 A	0 - 320 MHz	wobbulated	0,1 % crystal marker	FM	0,2 V and 0,1 V		Wide band circuit research (incorporated oscilloscope)
428 A	100 KHz - 30 MHz		1 %	AM	0,1 V constant level		Radio frequency laboratory works
476 A	100 KHz - 26 MHz	wobbulated	1 % and 2 %	FM	0,1 V		AM and FM radio adjustment (incorporated oscilloscope)
458 A	5 Hz - 50 KHz (repetition rate) 0,5 µs - 10.000 µs	Rise time 0,05 µs	5 %		2 × 50 V	5 %	Work on square-wave reponse, triggering, Time bases,...

III. - POWER SUPPLIES - MEGOHMETERS - INDUSTRIAL TEST EQUIPMENTS

MODELS	LIST AND TECHNICAL SPECIFICATIONS	USES
111 C	H. T. : 100 V - 400 V : 200 mA - 108 V - 15 mA - L.T. : 1,3 V to 25 V up to 6 A	powering circuitry under test
114 A	H. T. : 100 V - 250 V : 150 mA - 150 V - 8 mA - L.T. : 6,3 V - 3 A	powering circuitry under test
674 B	5 M Ω - 100 KM Ω in 4 ranges. Measurement with D. C. regulated 280 V	Insulation measurement
803 B	Detector of pressures and vibrations in fluids and solids	pressure and vibration measurement
804 B	Static and dynamic extensometer	measurement of all distorsions
805 A	Magnetic control of faults in composition and treatment of big elements	non-destructive test of magnetic metals
806 A	Magnetic control of faults in composition and treatment of small elements	non destructive test of magnetic metals
713 B	6 trace cathode ray oscilloscope for all industrial tests	simultaneous test of 6 phenomena

Vitramon® CAPACITORS

stable • rugged • low loss • miniature
low noise • humidity immunity
wide temperature range

VY™ solid state PORCELAIN CAPACITORS

Conforms with MIL-C-11272B

AXIAL-RADIAL	AXIAL	RADIAL
VY 12	VY 17	VY 04

The superior electrical and mechanical characteristics exhibited by Vitramon® capacitors are attributes of their solid state composition — fine silver electrodes molecularly fused within a solid block of high grade porcelain, forming a monolithic unit that requires no case or hermetic seal.

"Layering" of electrodes makes possible a much greater active dielectric area within the same cubic content. Perfect bonding of materials minimizes loss and noise and results in greater stability over a temperature range of —55°C to 200°C.

Vitramon® capacitors are used extensively in guided missiles, jet ignition, proximity fuses, and in radar, servo, guidance, fire control, telemetering, and carrier telephone systems.

STANDARD TYPES AND VALUES

All series A, AR and R are available in the following values from factory or distributor stocks in 10%, 5%, 2% and 1% tolerances.

VY 12C or VY 13C
0.5 to 200 mmf at 500 vdc
220 to 300 mmf at 300 vdc

VY 16C or VY 17C
220 to 470 mmf at 500 vdc
510 to 1000 mmf at 300 vdc

VY 21C or VY 22C
510 to 1000 mmf at 500 vdc
1100 to 2400 mmf at 300 vdc*

VY 31C or VY 32C
1100 to 3300 mmf at 500 vdc
3600 to 6800 mmf at 300 vdc**

VY 05C
300 to 620 mmf at 100 vdc
680 to 1200 mmf at 50 vdc

VY 04C
0.5 to 22 mmf at 500 vdc
24 to 100 mmf at 300 vdc
110 to 220 mmf at 100 vdc
240 to 510 mmf at 50 vdc

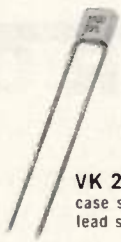
*2200 and 2400 not available in - Axial Series
**6200 and 6800 not available in - Axial-Radial Series

HIGH RELIABILITY SPECIFICATION S-1002

Every VITRAMON® Capacitor purchased against our High Reliability Specification S-1002 is accompanied by a detailed documentation verifying a reliability of better than 0.5% per 1000 hours. Continuous control testing of in-process material for all parameters, including 300,000 unit hours of life tests every six weeks, has consistently demonstrated an A.Q.L. for VITRAMON® Capacitors 12 times higher than Mil Specifications.

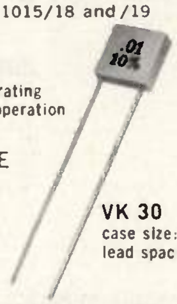
VK® micro-miniature CERAMIC CAPACITORS

Conforms with MIL-C-11015/18 and /19



47-10,000 mmf
200 vdc without derating
—55°C to 150°C operation

MOLDED CASE



VK 20
case size: 0.2" square
lead spacing: 0.2"

VK 30
case size: 0.3" square
lead spacing: 0.2"

GENERAL CHARACTERISTICS

Temperature Co-efficient: Maximum deviation from 25°C measurement over range of —55°C to +150°C is ± 15%.
Voltage Co-efficient: Negative at the average rate of 0.025% per volt above 25 vdc for values through 680 mmf, and 0.1% per volt above 680 mmf.
Insulation Resistance: Minimum of 1,000 ohmfarads (100,000 megohms) at 25°C and 10 ohmfarads (1,000 megohms) at 150°C.
Dissipation Factor (at 1 kc): Less than 1.5% at 25°C and less than 1.0% at 150°C through 680 mmf; from 820 through 10,000 mmf, DF is less than 2.5% and 1.5% respectively.
Lead Strength: Withstands a force of five pounds exerted in the direction of the leads as required by MIL-C-11015B.
Dip-soldering: All units thermal shock proofed, may be dip-soldered up to the case at 600°F.
Dielectric Strength: A potential of 400% of rated voltage may be applied for 10 seconds at 25°C.

Part Number	Capacity mmf.	Part Number	Capacity mmf.	Part Number	Capacity mmf.
VK 20CW470*	47	VK 20CW151*	150	VK 20CW471*	470
VK 20CW560*	56	VK 20CW181*	180	VK 20CW561*	560
VK 20CW680*	68	VK 20CW221*	220	VK 20CW681*	680
VK 20CW820*	82	VK 20CW271*	270	VK 20CW821*	820
VK 20CW101*	100	VK 20CW331*	330	VK 20CW102*	1000
VK 20CW121*	120	VK 20CW391*	390	VK 30CW122*	1200

Part Number	Capacity mmf.	Part Number	Capacity mmf.
VK 30CW152*	1500	VK 30CW472*	4700
VK 30CW182*	1800	VK 30CW562*	5600
VK 30CW222*	2200	VK 30CW682*	6800
VK 30CW272*	2700	VK 30CW822*	8200
VK 30CW332*	3300	VK 30CW103*	10000
VK 30CW392*	3900		

*Tolerance code to be added to complete part number.
K = 10%, M = 20%.
NOTE: When ordering against MIL Specifications, substitute CK 05 for VK 20 and CK 06 for VK 30 in Part Number.

ALSO AVAILABLE IN DIPPED CASE FOR COMPLETE ASSEMBLY ENCAPSULATION

Same electrical characteristics as standard "VK" series. Each unit coated with a resilient protective compound. Leads .016 Diam. (nominal); .032 max. recommended hole diam. Dimensions: 10-100 mmf., .12" square; 120-470 mmf., .145" square; 560-1000 mmf., .170" square; 1200-10,000 mmf., .270" square. When ordering, substitute VK 21 for VK 20 and VK 31 for VK 30.

VITRAMON® INCORPORATED

P.O. BOX 544 • BRIDGEPORT 1, CONNECTICUT

If it's "MICROWAVE" DOUGLAS has it!

Partial List of Standard Items

Sizes: P .320 - .490 KMC (WR 2300); N .350 - .530 KMC (WR 2100); J .410 - .625 KMC (WR 1800); H .490 - .750 KMC (WR 1500); F .640 - .960 KMC (WR 1150); E .750 - 1.12 KMC (WR 975); D .950 - 1.5 KMC (WR 77); L 1.12 - 1.70 KMC; M 1.7 - 2.31 KMC; S 2.6 - 3.95 KMC; C 3.95 - 5.85 KMC; A 5.85 - 8.20 KMC; B 7.05 - 10 KMC; X 8.2 - 12.4 KMC; G 12.4 - 18 KMC; K 18 - 26.5 KMC; T 26.5 - 40 KMC; V 33 - 50 KMC; W 50 - 75 KMC; Z 60 - 90 KMC

EQUIPMENT	MODEL	P N J H F E D L M S C A B X G K T V W Z
ADAPTER—COAX. TO W.G.	101	P N J H F E D L M S C A B X
Choke to Choke	102 ()*CC	P N J H F E D L M S C A B X G K T
Cover to Cover	102 ()*FF	P N J H F E D L M S C A B X G K T
Cover to Choke	102 ()*FC	P N J H F E D L M S C A B X G K T V W Z
7/8" to RG 48/U	104	L S
Flexible	105	B X
ANTENNA—Horn	110	P N J H F E D L M S C A B X G K T V W Z
ATTENUATOR—WAVEGUIDE Fixed - High Power	119	L M S C A B X G K T V W Z
Fixed - Low Power	120	P N J H F E D L M S C A B X G K T V W Z
Flap	121	L M S C A B X G K T V W Z
Semi-Prec.	122	P N J H F E D L M S C A B X G K T V W Z
Precision	123	L M S C A B X G K T
Var. Coax. Hi-Power	124	(Continuous 100 - 10,000 mcs.)
Fixed - Coaxial	125 A	- Low Power C-Hi-Power (1000 - 10,000 mcs.)
Fixed - Coaxial	126 A	- Low Power C-Hi-Power (0 - 4000 mcs.)
Variable Coaxial	127	(Continuous) (500 - 10,000 mcs.)
Fixed Coax.—Very Hi-Power	128 A	- Type N - B - 7/8" coax (1000 - 3000 mcs.)
Variable Coax. Pad	129	(Continuous 1,000 - 4,000 mcs.)
BEND—E Plane	130	P N J H F E D L M S C A B X G K T V W Z
H Plane	131	P N J H F E D L M S C A B X G K T V W Z
Coaxial (7/8") Right Angle	135 LS	- (0 - 3600 mcs.)
CAVITY—Filter	140	F L M S C
LHT Transmitter	141	L S
Reference	142	L M S C
COUPLER—Signal Sampler Coaxial	148	(100 - 6,000 mcs.)
Waveguide	149	P N J H F E D L M S C A B X
CRYSTAL DETECTOR MTS. COAXIAL Broadband	150	- (900 - 12,400 mcs.) Video Output
	150 BNC	- (900 - 12,400 mcs.) BNC Output
	150 N	- (900 - 12,400 mcs.) Type N Output
Tunable	151	(900 - 12,400 mcs.)
Matched	152	(500 - 3,000 mcs.)
CRYSTAL DETECTOR MTS. W.G. Broadband	160	P N J H F E D S C A B X G K
Tunable	161	S C A B X G K T V W Z
DIRECT'L CPLERS. Coax. 3/8"	165	(100 - 3,500 mcs.) HIGH DIRECTIVITY
Coax. Hi-Power	166	(100 - 10,000 mcs.) HIGH DIRECTIVITY
Coax. - 7/8"	167	(100 - 3,000 mcs.) HIGH DIRECTIVITY
Coax. - 1 5/8"	168	(100 - 1,500 mcs.) HIGH DIRECTIVITY
Coax. - 3 1/8"	169	(100 - 1,000 mcs.) HIGH DIRECTIVITY
Waveguide Uni-Directional	170	P N J H F E D L M S C A B X G K T V W Z
Bi-Directional	171	P N J H F E D L M S C A B X G K T V W Z
Uni-Reflectometer	172	P N J H F E D L M S C A B X G K T V W Z
Bi-Reflectometer	173	P N J H F E D L M S C A B X G K T V W Z
Broadband	174	P N J H F E D L M S C A B X G K T V W Z
FILTER—LOW PASS Coax.	175	Cut off frequency 100 to 3,000 mcs.
LINE STRETCHER—Coax. - 3/8"	180	- (900 - 12,400 mcs.) VSWR dependent on length
	180 P	- (900 - 12,400 mcs.) VSWR independent of length
LOAD—COAX. High Power	189 A	- (1000 - 10,000 mcs.) 100 watts - Type N
	189 B	- (1000 - 10,000 mcs.) 350 watts - Type N
LOAD—COAX. Low Power	190 A	- Type N, 190 B - 7/8" line (0 - 4000 mcs.)
Medium Power 7/8" Line	191	L S
Medium Power 1 5/8" Line	192	L
High Power 7/8" Line	193	L S
High Power 1 5/8" Line	194	L
LOADS—W.G. Low Power	200	P N J H F E D L M S C A B X G K T V W Z
Medium Power	201	P N J H F E D L M S C A B X G K T V W Z
High Power	202	P N J H F E D L M S C A B X G K T V W Z
Water	210	P N J H F E D L M S C A B X
MIXER—CRYSTAL Coaxial	220	L M S C
Waveguide	230	S C A B X G K T
Balanced Waveguide	235	S X K
NUT & BOLT	240	L S C A B X G K T
POWER DIVIDER—Coax.-Fixed	245	L S
Adjustable	246	L S
MULTIPLIER—(FREQ.) Waveguide - Coax. Input	248	Any input or output freq. 1 - 90 kmc.
Waveguide Input	249	Any input or output freq. from 1 - 90 kmc.
PROBE—Tunable	250	(900 - 12,400 mcs.)
REFLECTION—Stand. W.G.	256	S C A B X G K T
ROTARY JOINT—COAXIAL Med. Speed 7/8"	260	(2,700 - 2,900 mcs.)
High Speed 7/8"	261	(2,700 - 2,900 mcs.)
Inline L.T.	262	(10 - 3,000 mcs.)
ROTARY JOINT W.G. Doorknob Transition	270	S X
Circular Transition	271	B X K T
Crossbar Transition	272	B X
SHIFTER—PHASE W.G.	275	P N J H F E D L M S C A B X G K T
SHORT—MOVABLE Waveguide - (Unhoused)	283	L M S C A B X G K T V W
SHORTS—MOVABLE 3/8" Coax. (Housed)	290	L M S C A B X
3/8" Coaxial	291	L S C
7/8" Coaxial	292	L S
Waveguide	293	P N J H F E D L M S C A B X G K T V W Z
Waveguide Precision	294	L M S C A B X G K T V W Z
SLOTTED LINE—COAXIAL	300	L M S
Waveguide	310	P N J H F E D L M S C A B X G K T V W Z
STAND	330	L M S C A B X G K T
SWITCH—Coax.	334 LT	- (0 - 4000 mcs.) LT connection
	334 LA	- (0 - 4000 mcs.) 7/8" line
W.G. Rotary Type	335	P N J H F E D L M S C A B X G K T V W Z
W.G. Multiple Type	336	S X K
TEE—Coaxial 7/8" Line	340	L S
W.G. Series TEE	350	P N J H F E D L M S C A B X G K T V W Z
W.G. Shunt	351	P N J H F E D L M S C A B X G K T V W Z
W.G. E H (Hybrid)	352	P N J H F E D L M S* C A B X* G K* T V W Z
TRANSITIONS—COAXIAL 3/8" - 7/8" Line	370	(0 - 4,000 mcs.)
7/8" to 1 5/8"	371	(0 - 4,000 mcs.)
W.G. Taper	380	Any Combination of waveguide, sizes P to T inclusive.
W.G. Step	381	B X
W.G. Elbow	382	B X
TUBE MOUNT—KLYS.	390	C A B X
TUNER—Coaxial 3/8" Single Stub	400	L S C A B X
7/8" Single Stub	401	L S
3/8" Double Stub	402	L S (1,000 - 10,000 mcs.)
7/8" Double Stub	403	L S
3/8" Triple Stub	404	L S (1,000 - 10,000 mcs.)
7/8" Triple Stub	405	L S
7/8" Slug	407	L S
TUNER—WAVEGUIDE Single Stub	409	P N J H F E D L M S C A B X G K T V W Z
Double Stub	410	P N J H F E D L M S C A B X G K T V W Z
Triple Stub	411	P N J H F E D L M S C A B X G K T V W Z
E/H	412	P N J H F E D L M S C A B X G K T V W Z
Glide Screw	413	P N J H F E D L M S C A B X G K T V W Z
Double Slug	414	S C A B X G K T V W Z
TWISTS Standard	420	S C A B X G* K T V W Z
Step	421	P N J H F E D
WAVEMETER—COAXIAL Micrometer	430	L M S C
In Case	440	L M S C
Waveguide MICROMETER Absorbtion	450	C A B X G K T
Transmission	451	C A B X G K T
Direct Reading	460	B X

*Parenthesis indicates insert letter for Waveguide size

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JACKS

FOR MILITARY AND INDUSTRIAL EQUIPMENT—MOST COMPLETE LINE

Available in all common and many special circuits.
"LITTEL-JAX"—require minimum panel space.
"TINI-JAX"—Similar to "Littel-Jax"—subminiature in design.
"SF-JAX"—short frame design—innumerable circuits.
"LF-JAX"—long frame design—all circuits.
"EXTENSION JAX"—for cable extensions.
"SHIELDED JAX"—shield assembled into and made a part of Jack.
"LAMP JAX"—Switchboard panel type. Ideal for mounting on Jack Panel.

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"T-JAX"—a conventional telephone switchboard design—all standard circuits and military specifications.
"M-JAX"—a heavy duty design used in heavy industrial equipment.
"TWIN-JAX"—Frame double width with 2 mounting ears.

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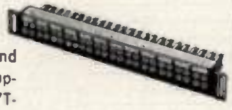
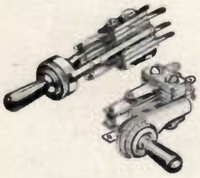
THE LARGEST VARIETY OF STYLES, SIZES AND TYPES

"LITTEL-PLUG"—small—fits standard Jacks—(also MIL type).
"TINI-PLUGS"—sub-miniature 2 conductor Phone Plug for use with "Tini-Jax".
"LUG-PLUG"—small—low cost.
"STANDARD"—conventional size, heavy terminals—rugged design. 2 and 3 conductor types.
"FLAT-PLUG"—removable cover permits use with screw or solder lug terminals. 2 or 3 conductor types.
"TWIN-PLUG"—two electrically independent 2-conductor plugs on 5/8" C.C. MILITARY TYPE



JACK PANELS

Black phenolic and aluminum types. Support Switchcraft "T-JAX" and "MT-JAX". Single and double row panels. Accommodate up to 52 Jacks.

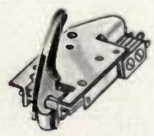


"LEV-R SWITCHES"

Unusually compact. Many circuits. Locking and non-locking. Series 3000 and 13000—single hole mounting. Series 12000 requires only about 1/4 of depth behind panel of conventional "Key" switches.

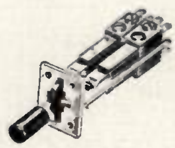
"FF-SWITCH"

Flat frame support spring "pile-up" in various circuits and contact combinations. "Easy" action of colored push buttons.



"HOOK SWITCH"

Switch actuated by hanging accessory on hook. 2 different methods of mounting. Standard circuits. Soft easy action. Require minimum of depth behind panel.

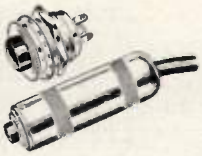


"TELEVER SWITCHES"

Rugged telephone type. Locking and non-locking types. Series 6000 mounts by screws or to escutcheon plate. Series 16000 features single hole mounting.

"LITTEL & TINY-SWITCHES"

"Littel-Switch" — rugged yet small, a Push Button switch available in simple circuits; contacts to suit. Various colors of Buttons.
"Tiny-Switch" — similar to "Littel-Switch", except sub-miniature design.



BUTTON AND CORD SWITCHES

"Button-Switches" — unusually small push button switch, completely enclosed.
"Cord-Switches" — cord mounted or pendant switch. Ideal for "hold" in hand operation.

"RS-SWITCH"

Rotary switch, rugged frame supports spring "pile-ups"; minimum panel depth. 2 or 3 position; locking or non-locking action.

"MULTI-SWITCH"

Features choice of switching functions. 1 to 37 stations possible. Single frame or ganged assemblies. Illuminated or non-illuminated buttons.

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(Audio Jumpers) Plugs molded directly to various cable combinations. Shielded and unshielded. Various lengths.

COMPLETE LINE OF AUDIO ACCESSORIES — ADAPTERS, COUPLERS, CONNECTORS WITH PHONE OR PHONO CONNECTIONS, AUDIO MIXERS, SPEAKER CONTROLS.

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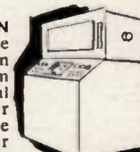
AVAILABLE AT ALL LEADING RADIO PARTS JOBBERS •

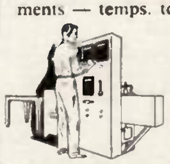
WILLIAM C. DIMAN, Hayes Furnace Division Manager, explains . . .

WHY ELECTRONICS TURN TO HAYES

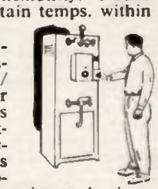
Extremely Close Process Control is vital in manufacturing semi-conductors and other electronic parts. Without this control, costs and scrap rates go up, product performance becomes unpredictable, and product life is drastically reduced. *The Trend Is To Hayes*—More and more electronic firms are looking to Hayes for consulting assistance and for equipment to solve complex and exacting heat treat jobs. Here are some "for instances" of the advanced equipment Hayes is offering:



HAYES BA-19D DIFFUSION FURNACE Highly precise unit assures even diffusion on silicon or germanium wafers. Extremely critical temp. control (reactor type). Uniform "flat" zone in depositing chamber totally free from temp. "ripples". Engineered atmospheres and distribution. Built-in program controller and instrument panel. Silicon carbide heating elements — temps. to 1350°C. Easy to maintain. Shipped complete, ready to operate. Type LA-19D furnace with nickel-chrome elements — temps. to 1000°C.



HAYES LAC-55M ALLOYING FURNACE Now used by many major electronics firms for alloying, metal bonding, soldering, other applications requiring close temp. control through 300°C to 1100°C. Unusual flexibility. 5-zone temp. control . . . maintain temps. within ±1/2°C.



HAYES MS-31R RECIRCULATING DRYER Molecu-Dryer complete with gas/air recirculating unit, for "dry box" atmospheres for assembly of transistors diodes, other electronic parts. Dew points to −100°F or lower. Economical — replaces expensive tank nitrogen. Simple controls. Easy maintenance. Standard units caps. to 16,000 CFH. Higher caps. on special order.

Hayes equipment covers every electronics requirement: zone refining, crystal growing, alloying, metal bonding, glass (or ceramic)-to-metal sealing, vacuum heat treating, high temp. outgassing, air/gas drying, atmosphere generation (hydrogen, nitrogen, dissociated ammonia, forming gas, endo and exo gases.) With theoretical development work in the lab backed-up by a double-check on actual production-scale equipment . . . Hayes can help you improve quality, cut costs, increase production. Write for Bulletin 5711C.

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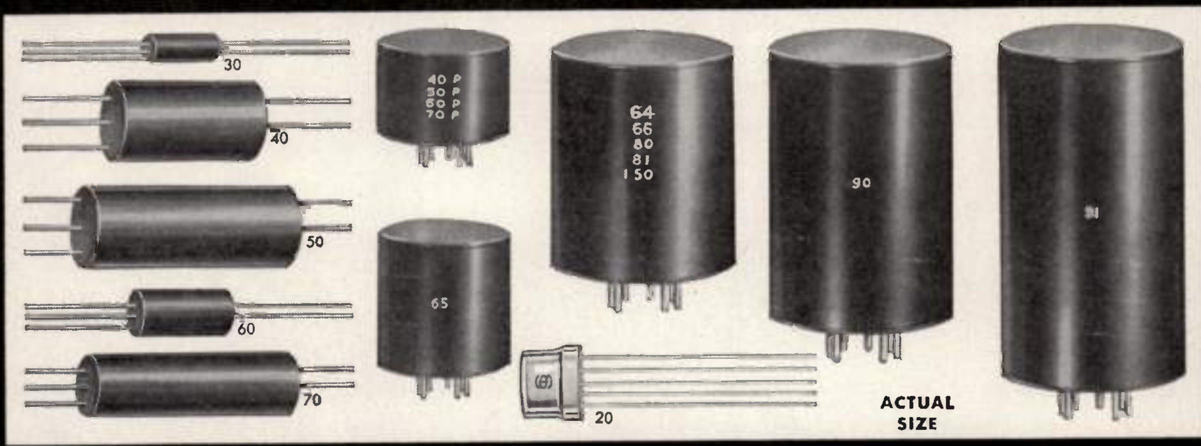
ELECTRIC FURNACES

It pays to see Hayes for metallurgical guidance, lab. facilities, furnaces, atmosphere generators, gas and liquid dryers, Hayes-Master (TM) control units.

THE MOST COMPREHENSIVE LINE OF SOLID STATE ELECTRONIC CHOPPERS



microminiature · lightweight · low power · high speed · rugged · indefinitely long life

non-mechanical · inertialess · low level · high efficiency · linear · temperature stable

The transistor chopper (or modulator) is a solidly encapsulated unit designed to alternately connect and disconnect a load from a signal source. It may also be used as a demodulator to convert an a.c. signal to d.c. It is capable of linearly switching or chopping voltages over a wide dynamic range which extends down to a fraction of a millivolt and up to 150 volts or more. Unlike mechanical choppers which can only be designated to operate over a narrow and comparatively low frequency range due to mechanical limitations, this transistorized chopper is an inertialess device that can be driven from d.c. to hundreds of kilocycles.

The switching circuitry used operates the transistors in a manner which provides stability and freedom from drift over a wide temperature range. Only carefully selected and matched transistors are utilized.

The Models 20, 30, 40, 40P, 50, 50P, 60, 60P, 70 and 70P are direct-coupled so as to provide the circuit designer with the most basic chopper from which to synthesize solutions to special circuit problems. The Models 64, 65, 66 and 150 are transformer-coupled for isolation purposes. The Model 65 is for low-level voltages and the Model 150 for high-level signals. The Models 64 and 66 are for operation from 400 cps and 600 cps sine wave drive at 115 volts a.c. The Models 80, 81, 90 and 91 VIBRACHOPPERS are unique in the chopper field in that they require DC rather than AC drive.

These units are practically immune to the effects of shock and vibration making them ideal for military, space vehicle and portable applications; or where power conservation, miniaturization and elimination of maintenance are a necessity. The transistor chopper has an inherently long life and is not subject to contact bounce, wear, pitting or burning.

CHOPPER MODEL SPECIFICATIONS

Model	Type	Max. Signal Voltage (Volts)	Max. Signal Current (MA)	Drive Frequency Range	Max. Drive Voltage (600Ω Source) (Volts)	Drive Input Impedance (Ohms)	Ambient Temp Range (°C)	Size (Inches)	Weight (Grams)	Remarks
20	Ge	± 10	10	DC to 100 kcps	25 pk-pk	200	−55 to +90	.210 x .315 x .405	1	Shielded Micro-Min Hi-Freq
30	Ge	± 10	10	DC to 100 kcps	25 pk-pk	200	−55 to +90	.38 x .16 Dia.	½	Micro-Min Hi-Freq
40	Si	± 20	40	DC to 50 kcps	40 pk-pk	2K	−55 to +150	.7 x .44 Dia.	2	Sub-Min Hi-Temp
40P	Si	± 20	40	DC to 50 kcps	40 pk-pk	2K	−55 to +150	½ x ¾ Dia.	8	Plug-In Hi-Temp
50	Ge	± 10	10	DC to 100 kcps	25 pk-pk	200	−55 to +90	1¼ x .44 Dia.	3	Sub-Min Hi-Freq
50P	Ge	± 10	10	DC to 100 kcps	25 pk-pk	200	−55 to +90	½ x ¾ Dia.	8	Plug-In Hi-Freq
60	Ge	± 10	50	DC to 100 kcps	50 pk-pk	600	−55 to +90	½ x ¼ Dia.	1	Micro-Min Hi-Freq
60P	Ge	± 10	50	DC to 100 kcps	50 pk-pk	600	−55 to +90	½ x ¾ Dia.	8	Plug-In Hi-Freq
64	Ge	± 5	50	04 to 12 kcps	300 pk-pk	100K	−55 to +90	1¼ x 1 Dia.	44	115V Drive 400 cps Xfmr-In
65	Ge	± 3	50	0.27 to 30 kcps	50 pk-pk	200	−55 to +90	¾ x ¾ Dia.	12	Xfmr-In Plug-In
66	Ge	± 10	50	02 to 12 kcps	300 pk-pk	100K	−55 to +90	1¼ x 1 Dia.	44	115V Drive 60 cps Xfmr-In
70	Si	± 3	40	DC to 100 kcps	4 pk-pk	600	−55 to +150	1⅛ x 5/16 Dia.	2	Sub-Min Hi-Freq Hi-Temp
70P	Si	± 3	40	DC to 100 kcps	4 pk-pk	600	−55 to +150	½ x ¾ Dia.	8	Plug-In Hi-Freq Hi-Temp
80	Ge	± 15	50	1.5 to 6.5 kcps	6 to 32 DC	2K	−55 to +90	1¼ x 1 Dia.	32	DC-Drive Plug-In
81	Ge	± 15	50	1.5 to 6.5 kcps	6 to 32 DC	2K	−55 to +90	1¼ x 1 Dia.	32	DC-Drive Plug-In DPDT
90	Si	± 6	50	1.2 to 3.0 kcps	12 to 32 DC	2K	−55 to +150	1½ x 1 Dia.	40	DC-Drive Plug-In
91	Si	± 6	50	1.2 to 3.0 kcps	12 to 32 DC	2K	−55 to +150	1¾ x 1 Dia.	40	DC-Drive Plug-In Hi-Temp DPDT
150	Si	± 150	40	0.27 to 30 kcps	100 pk-pk	300	−55 to +150	1¼ x 1 Dia.	30	Hi-Volt Hi-Temp Xfmr-In

OTHER ADVANCED PRODUCTS FROM SOLID STATE ELECTRONICS CO:

Solid State Relay — 2 microsecond actuation, 50 volt, 50 ma contact rating, reliable operation −55°C to +125°C.

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Plus: LC Controlled Sinusoidal Oscillators, Voltage Controlled Oscillators, Pressure-to-DC and Pressure-to-Frequency Converters, and Miniature Telemetering Systems.

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THRULINE

DIRECTIONAL RF WATTMETERS

Model 43 and Rigid Line Series

Direct reading . . . "thru" type measure forward or reflected power in complete systems under operating conditions . . . inserted between transmitter and antenna or load . . . full scale power and frequency range determined by plug-in elements.

50-Ohm nominal

Model	Connectors	ELEMENTS Frequency (mc)	ELEMENTS Power Ranges
43	QC Type★	2-30	50, 100, 250, 500, 1000 watts
		25-60; 50-125; 100-250; 200-250; 400-1000	5, 10, 25, 50 100, 250, 500 1000 watts
4712 4715*	1⅝" EIA Flanged	2-30; 25-60; 50-125; 100-250; 200-500; 400-1000	.25, .5, 1, 2.5, 5KW
460 4610*	3⅛" EIA Flanged	2-30; 25-60; 50-125; 100-250; 200-500; 400-1000	1, 2.5, 5, 10, 25KW
4902	6⅛" EIA Flanged	2-30; 25-60; 50-125; 100-250; 200-500; 400-1000	2.5, 5, 10, 25, 50KW
4910	9" Flanged	Per Customer Specifications	

*Double Socket Thruline for monitoring of forward and reflected power.

to measure rf power... THRULINE

TERMALINE ...to absorb rf power

Model	Freq. Range	Max. Power	Power Range Scales	Input Connector
6254	30-500 mc	1 w	25, 50, 100, 250, 500 and 1000 milliwatts	Female "BNC"
61	30-500 mc	80 w	Choice of two compatible scales. Lowest .5 watt	Female "N"
611	30-500 mc	60 w	Dual Range 0-15/60 w	Female "N"
612	30-500 mc	80 w	Dual Range 0-20/80 w	Female "N"
67	30-500 mc	500 w	0-25/100/500 watt	Female "N"
694	2- 30 mc	1000 w	0/1000 watt	QC Type★
6835	30-500 mc	1200 w	0-120/600/ 1200 watt	QC Type★
67C*	30-500 mc	2500 w	0-100/500/ 2500 watt	Female "N"

*Water Cooled on High Range

TERMALINE

RF ABSORPTION WATTMETERS

Portable — Non Radiating

Portable . . . direct reading . . . non-radiating "load" type wattmeter . . . used in field or laboratory to measure and absorb power . . . accuracy ±5% of full scale . . VSWR 1.1 to 1 maximum over operating range.

COAXWITCH

COAXIAL SELECTOR SWITCHES

Model	74	718	72R	72-2
Positions	Six	Eight	Reversing Switch	Two
Coaxial Circuits	One	One	Two	Two
Connector	Type N female connectors are standard on all models to receive UG-21/U series plug. Use adapters with other cables and connectors.			

Dependable, manually operated switches for selecting antennas, receivers, transmitters or other apparatus with coaxial connections. Ideal as a system component in electronic equipment where reliable, repeated channel switching is required; pull knob, rotate, and push in to make contact.

TERMALINE

RF LOAD RESISTOR

Quick-Change Connectors

Reflection-free terminations for 50-ohm coaxial lines . . . low VSWR . . . non-radiating . . . water cooled rating 2500 W to 50 KW . . . air cooled rating to 2.5 KW . . . forced air to 5 KW. Quick-Change Connectors (★QC Type) available on many models.

Model	Max. Power	Frequency Range	*Max. VSWR	Input Connector
80 Series	5 w	0-4 KMC	1.25	Male or Female, N; C; BNC
80 A	20 w	0-2 KMC	1.2	Female "N"
8130	50 w	0-4 KMC	1.2	QC Type★
81B	80 w	0-4 KMC	1.2	Female "N"
8135	150 w	0-4 KMC	1.2	QC Type★
82A	500 w	0-3.3 KMC	1.2	Female "N"
8201	500 w	0-2.5 KMC	1.25	QC Type★
8833	1000 w	0-2.5 KMC	1.25	QC Type★
8813	1000 w	0-2.0 KMC	1.25	1⅝ EIA Flanged
888	1200 w	0-2.0 KMC	1.25	3⅛ EIA Flanged
8890	2500 w	0-2.5 KMC	1.25	QC Type★
82C**	2500 w	0-3.3 KMC	1.2	Female "N"
8950***	5000 w	0-2.5 KMC	1.25	QC Type★

Other water-cooled loads up to 50KW can be supplied

*VSWR is 1.1 or less to 1000 mc on all models — with "N" connectors.

**Water Cooled ***Forced Air

★QC TYPE: Bird Quick-Change Connector, designed for rapid change.
Available in following types:
Female or Male N, C, HN, BNC, LC, LT, UHF, and ⅞" EIA flanged.

COAXIAL RF FILTERS

Our extensive engineering and manufacturing facilities are at your command for the custom design and manufacture of filters to your specifications. Intelligent design, skillfull manufacture assure you of highest performance and reliability. New miniature filters, as light as five ozs., are available and can be produced in quantity.

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Nortronics-Norwood has a class of rate gyros capable of solving missile guidance problems. Our gyros come out of the box into the bird, ready from −65° F to +200° F. Small size (1″ x 2″), low weight (4 oz.) requiring NO external heaters, these gyros are ideally suited for packaging specifications. Able to withstand shock to 500 g's with an activation time of 20 seconds. Proven in Terrier, Tartar, Bomarc, Nike-Zeus and Polaris, our gyros are setting state-of-the-art standards in the industry.

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SETTING GYRO STANDARDS

IN 2 OUT OF 3

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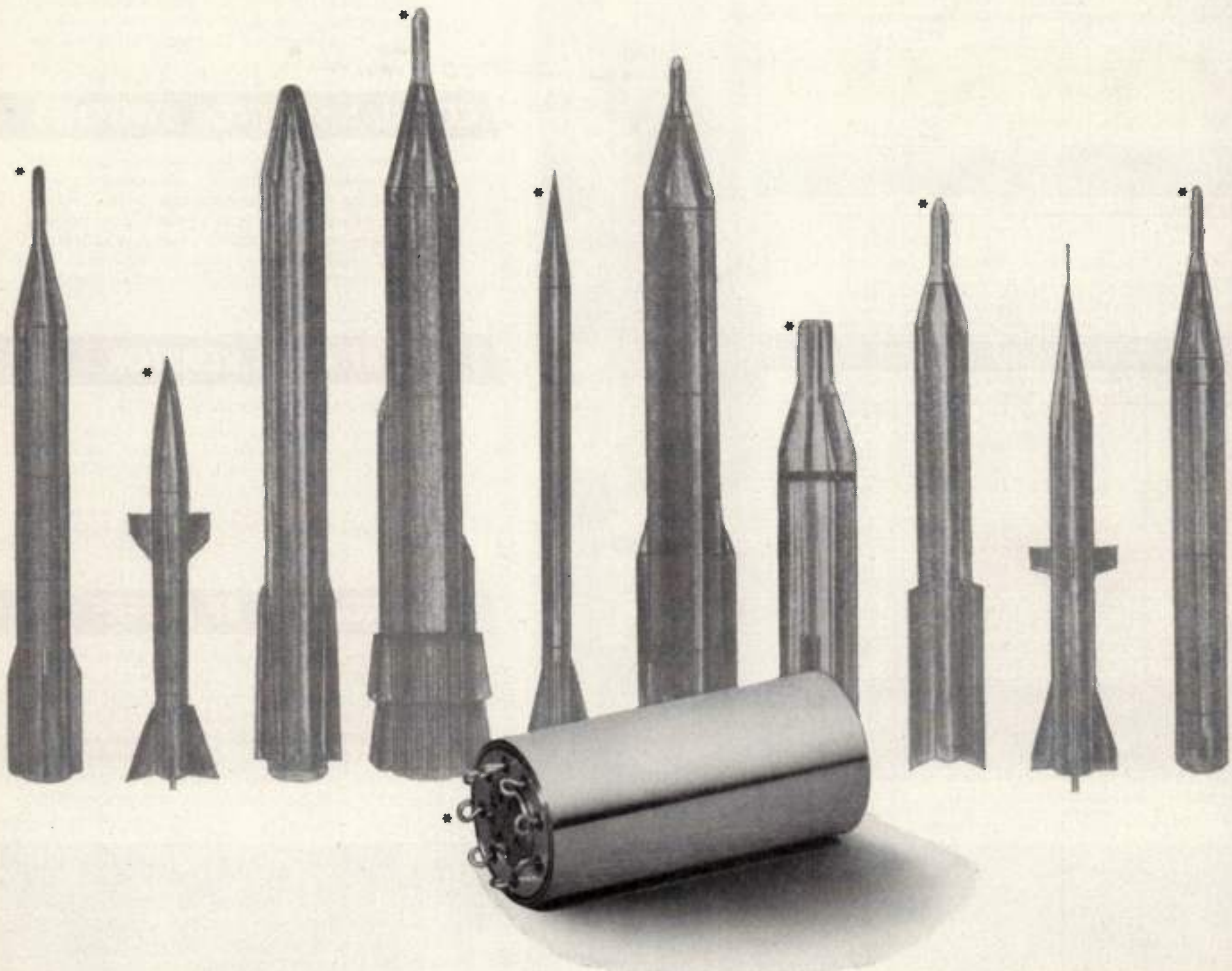

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ACCURACY & RELIABILITY in rotary components are vital to this man. CPPC units are subjected to approximately 148 separate tests of quality control to bring you QUALITY. Deal with the proven leader in the rotary components field. Get the best in price, delivery and quality.

AC & DC SERVO MOTORS. Sizes 8, 10, and 11. AC motors —High torque for size. Will withstand 125°C. Types for transistor circuitry. DC motors —Speed linearly proportional to voltage. 28 or 14 V input. 500 hr. life guarantee. Available with governor which maintains constant speed within ±1%.

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GEARHEAD MOTORS. Sizes 8 and 10. In CPPC's new, unitized gearhead, the gear train is within a single, machined block of metal. This allows more accurate alignment, smoother operation, greater ease in servicing. Ratios up to 784 to 1. Aluminum housings provide better heat dissipation.

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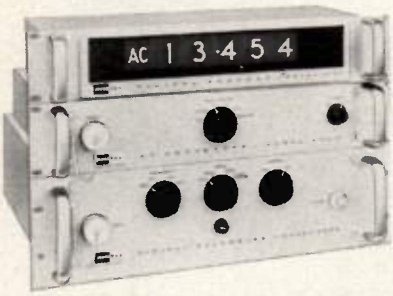
KIN TEL PRECISION MEASURING INSTRUMENTS

DIGITAL VOLTMETERS

Model 501B 4-Digit, Over-Ranging, DC Digital Voltmeter.

Measures DC from ± 0.0001 to ±1000.0 volts with 0.01% (of reading) ±1 digit accuracy. Ranging and polarity indication are automatic. The measured voltage is displayed in direct numerical form on an in-line single-plane readout. An extra fifth digit at the left indicates "0" or "1" to provide 100% over-ranging... ten times greater resolution at decade (1, 10, 100) voltage points where other voltmeters change ranges and lose a full digit of resolution. Input impedance is 10 megohms on all ranges at null. Metering circuit is calibrated continually and automatically against an internal standard cell. Printer drive is built in... only an interconnecting cable is needed to drive ten-line parallel input printers. Price $2995.



Model 502B 4-Digit Over-Ranging AC/DC Digital Voltmeter

Measures DC from ± 0.0001 to ±1000.0 volts with 0.01% (of reading) ± 1 digit accuracy, and AC from 00.001 to 1000.0 volts with accuracy of 0.1% (of reading) or ±3 digits (whichever is greater). Measures AC from 30 to 10,000 cps, auto-ranging or at any of 3 fixed ranges selected by panel control or remote programable contact closure. The 502B over-ranges with "0" or "1" as most significant digit, provides greater resolution at decade points than other 4-digit voltmeters. Input impedance is 10 megohms DC, 1 megohm plus 200 $\mu\mu$f AC. Up to ±1000 volts DC may be impressed on the AC signal without loss of accuracy. Built-in drive for parallel-entry printers. Price $4245.

Model 863BR Electronic Digital Voltmeter

All-transistor, all-electronic voltmeter measures DC from ±0.01 to ±99.9 volts with an accuracy of 0.1% of reading ±1 digit. Measured voltage is displayed on a 3 digit single-plane in-line readout with polarity and decimal point indication. Tracking is bi-directional with a 10-kc clock rate that permits following input voltages having rates of change up to 100 volts per second on the low range, up to 1000 volts per second on the high range. For voltages not exceeding these rates of change, the 863BR can be interrogated and will provide output readings at rates up to 10,000 per second. Entire unit is contained in a single rack-mount cabinet only 3½ inches high. Price $3800.

ACCESSORIES

Model 453M Multi-channel Input Scanner/Programmer

Automatically or manually scans up to 400 one-wire; 200 two-wire, 100 four-wire inputs. Slave scanners permit scanning additional inputs. Automatic advance after 3 to 15 seconds if voltmeter fails to null. Single-plane, wide-angle readout. Price $2500.

Model 458B/N, AC/DC Preamplifier

Precision DC and AC gain positions of −100 increase digital voltmeter sensitivity to 1 μv DC, and 10 μv AC. Ten wide-band gain steps plus vernier provide 20 to 2000 gain, DC to 40 kc bandwidth. A +1 gain position provides greater than 10,000 megohms input impedance, ±0.001% gain accuracy. Price $1225.

Model 459B/N Differential DC Preamplifier

Precision gain position of −100 increases digital voltmeter sensitivity to 1 μv DC. Provides high (130 db for 60 cps) common-mode rejection; isolates low level signals from noise and hum. Input may be floated up to ±250 volts. Price $1475.

DC VOLTMETERS

Model 202B DC Micro-voltmeter and Amplifier.

Provides high sensitivity with previously unobtainable drift-free stability and high input impedance. Fourteen voltage ranges cover from 300 μv full scale to 1000 volts full scale. Uncluttered zero-center meter face instantly indicates polarity on a mirrored scale that covers all ranges. Measures as little as 10 μv. Amplifier gain is 70 db. Price $500.

Model 203A Microvolt Ammeter and Amplifier.

Provides high sensitivity with previously unobtainable drift-free stability and high input impedance. Fifteen voltage ranges cover from 100 μv full scale to 1000 volts full scale, and 19 current ranges cover from 1 millimicroampere (10^{-9}) full scale to 1000 milliamperes full scale. Uncluttered zero-center meter face instantly indicates polarity on a mirrored scale that covers all ranges. Measures as little as 10 micro-microamperes or 10 μv with accuracy. Maximum gain is 80 db. Price $750.

Model 204A Electronic Galvanometer and Amplifier.

Functionally equivalent to the most sensitive suspension galvanometers, but insensitive to shock, vibration, microphonics, earth's magnetic field and stray pick-up. Does not require leveling, withstands severe overload with no offset on return to zero, and has rapid response. Provides seven decaded ranges from ±10 μv to ±10 volts full scale, and from 0.001 microampere to 1 milliampere full scale at a constant resistance of 10,000 ohms. Current sensitivity is $2x10^{-11}$ amps per division; full scale power sensitivity is 10^{-14} watts. Drift is less than 2 microvolts. Price $425.

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KIN TEL — PRECISION DC AMPLIFIERS

Model 112A Wideband DC Amplifier

Wideband, single-ended DC amplifier permits extremely accurate measurement of strain, temperature, and other phenomena. Equivalent input drift is less than 2 microvolts for 400 hours. Noise is less than 5 microvolts P-P from 0 to 3 cps, less than 5 microvolts RMS from 0 to 750 cps, less than 12 microvolts RMS 0 to 50 kc. Input impedance is 100,000 ohms, output impedance less than 1 ohm. Gain is in ten steps from 20 to 1000 with continuous 1 to 2 times vernier adjustment of each setting. Gain accuracy is 0.5%. Micro-Gain control permits adjusting individual gain settings to 0.01% gain accuracy. Gain stability and linearity are 0.1% Frequency response is ±0.1 db to 2 kc, ±0.3 db to 10 kc, less than 3 db down at 40 kc. Output capability is 40 ma into 10 to 400 ohms, ±35 volts into 1000 ohms, ±45 volts into 10,000 ohms. Each amplifier contains integral power supply. Accepts plug-ins. Unit described is with 112A-A plug-in. Price $625; plug-in price $95. *With 112A-B plug-in,* amplifier gain is fixed at +1 with an accuracy, stability, and linearity within ±0.001% at DC, ±0.1% to 2 kc. Bandwidth extends to 100 kc. Price $615; plug-in price $85. *With 112A-O plug-in,* resistances for any fixed gain, or for +1 operation as described above, may be installed. Price $575; plug-in price $45. *With 112A-AO plug-in,* amplifier operates as with 112A-A plug-in, has an operational position on the panel control for use with an external feedback network in specialized summer, integrator, or computer functions. Price $635; plug-in price $105.

Model 114C Differential DC Amplifier

A true differential DC amplifier with input isolated from output and both input and output completely floating and isolated from chassis ground. Ideal for thermocouple systems, the 114C virtually eliminates ground loop problems and allows amplification of microvolt level signals in the presence of volts of common-mode noise. A dial sets the gain to 10, 30, 100, 300, or 1000. Common-mode rejection is 180 db for DC, 130 db for 60 cps with up to 1000 ohms input unbalance. Equivalent input drift is less than 2 microvolts for 40 hours at 1000 gain, 3.5 microvolts at a gain of 100, 7 microvolts at 30 gain, and 17 microvolts for a gain of 10. Bandwidth extends from DC to 80 cps. Input resistance is over 5 megohms and output impedance is less than 2 ohms. Output capability is 10 volts at 10 ma. Gain is accurate within +0.5%, and linearity is within ±0.01% of full scale (10-volt) output for loads of 1000 ohms or more. Price $875.

Model 121A Amplifier

A non-inverting amplifier (positive input signal produces a positive output signal) with response from DC to beyond 200 kc. A plug-in attenuator provides fixed gains of 0, 1, 10, 20, 30, 50, 100, 200, 300, 500, and 1000. VARIABLE GAIN control on panel provides X1 to X2.2 amplification relative to each fixed gain. Amplifier is linear within 0.005% to ±15 volts DC with load impedance of 200 ohms or more, is capable of outputs up to 100 ma, ±DC or peak AC, into loads of 100 ohms or less. Gain accuracy is within 0.2% for unity gain, within 0.1% for all other fixed gains. Input impedance is over 10 megohms DC, less than 500 pf for AC up to 50 kc. The output impedance is less than 0.3 ohm in series with 50 microhenries. Response is flat within 0.25% to 2 kc, within 4% to 10 kc, down less than 3 db at 200 kc. Drift is less than ±2.0 microvolts equivalent input over 40 hours with 1000 gain. Noise at 1000 gain is only 3 microvolts peak-to-peak equivalent input in a 20-cps band, only 3 microvolts RMS equivalent input in a 50-kc band. Recovery from 100% overload requires only 400 ms. Price $1000.

KIN TEL — DC AND AC STANDARDS

Model 302 DC Voltage Standard and Null Voltmeter

Supplies and measures DC from 1 to 502.110 volts at up to 20 ma. Floating output. Output accuracy within 0.01% of reading ±0.0002 volt. Stability within 0.002%, ripple ±0.0001 volt. Load regulation is 0.002% no load to full load. Line regulation is 0.002% for 10% line voltage change. Output hum and noise are less than 100 microvolts. Output impedance less than 0.01 ohm DC, 0.2 ohm to 1 kc. Response time is 0.2 millisecond. Price $1280.

Model 601A AC Voltage Standard

Exceptionally stable and accurate AC calibration source ideal for calibrating AC measuring instruments, designing servo or gyro equipment, or evaluating magnetic properties. Output is 1 to 501 volts RMS AC, adjustable in 0.1 volt steps and between steps by ten turn potentiometer. Output frequencies are 60, 400, and 1000 cps. Power output is 25 watts above 5 volts, 5 amps below 5 volts. Voltage is accurate within 0.1% or 5 millivolts, with 0.01% short-term stability. Frequency stability is 1.0%, harmonic distortion less than 0.3%. The output is floating, guarded, and isolated from chassis ground and AC line. Output impedance with a constant resistive load is approximately 0.01 ohm. (Output impedance for a varying load is a function of the frequency of load variation, and the 601A voltage and frequency settings.) Price $4500.

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ALPHLEX TUBING: Catalog contains complete description of the entire line of eight Alphlex tubing products. Applications and all pertinent engineering specifications are listed in easy-reading charts. Highlighting the catalog is the Alphlex line of Teflon Tubing — a high temperature tubing (260° C.)

ALPHLEX ZIPPER TUBING: The most up-to-date and complete engineering brochure on the Alphlex line of Zipper Tubing. Featured is complete information on all 5 types of Zipper Tubing, and the unique hand-tool that simplifies closing.

SHIELDING AND BRAIDING: Applications, descriptions and all engineering data on Alpha Shielding and Braiding. Specifications on the 3 different types, Flat Braid, Oval Commercial Braid and Tubular Braid to military spec QQ-B-575 are provided. A special glossary is included.

ALPHLEX LACING CORDS AND TAPES: Types, materials and finishes for Round, Flat Braided, and Government Spec Cords and Tapes are included in the brochure. Alpha stocks a complete line of Lacing Cord for immediate delivery.

ALPHLEX SHRINKABLE TUBING: The newest addition to the Alphlex line of Tubing is Heat Shrinkable Tubing. This tubing, featuring controlled shrinkage, forms a tight mechanical bond seconds after heat is applied. Sizes, physical properties and a complete "How to Use" section are included.

ALL-NEW ALPHA ELECTRONIC WIRE AND CABLE CATALOG: 52 pages of complete engineering information describing the entire Alpha line of over 6000 electronic wire, cable and tubing products. Included in this comprehensive book are Military Specification breakdowns, plus complete descriptions and applications of all Alpha products. The catalog highlights such new products as:

- Retractile Coil Cords and Extension Cord Sets
- Teflon Cables
- Heat Shrinkable Tubing
- Teflon Tubing
- Zipper Tubing
- Shielding and Braiding

A special section describes Alpha facilities such as Striping, Cutting, Stripping, Tinning, Color Jackets, Short-Run Cables and the fabrication of Harnesses and Assemblies.

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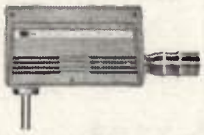
KIN TEL CLOSED CIRCUIT TELEVISION

KIN TEL now offers two complete lines of closed circuit TV. These systems are used by hundreds of leading firms for safe observation of missile tests, nuclear reactors, environmental tests...for surveillance of freeways, tunnels, runways, production lines, security areas...for transmission of printed data, fingerprints, meter indications, signatures. Operation is fully straightforward and automatic: the only control the operator has to touch is the on-off switch. Installation is simple: no site preparation is needed; no interlocking electrical adjustments are required. Factory-trained engineers will handle any application engineering problems you might have...will determine, at no obligation, whether or not a KIN TEL TV system can be put to profitable use in your application.

The 1986 system provides the ultimate in picture quality within the limitations of the industry-wide standard sweep/scan pattern. Pictures are photo sharp — twice the resolution of the best home TV—and are obtained even in extremely low-light levels.

The 1988 "Fineline" system uses a special sweep/scan circuit to improve vertical sharpness so that definition is equal, vertically and horizontally. This results in a natural picture without astigmatism or horizontal striping.



Model 1986C/1988C TV Camera

(Up to 1000 feet of cable)

Model 1986DCU or 1988DCU Camera Control Unit

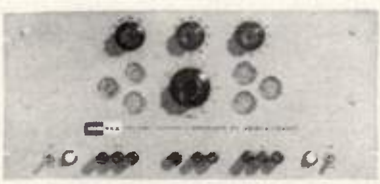
(Up to 3000 feet of cable. More with amplifiers.)

Model DRM-14R or 1988-14R TV Monitor

Both systems use the camera shown or the new 1990-CT ruggedized camera that withstands virtually any environment. Accessories include remotely controlled pan-tilt units, zoom lenses, etc.

The new 20/20 TV camera/system is a low-cost self-contained unit for use with either a standard or "Fineline" monitor, or a home-type TV receiver. Camera and camera control unit are combined in a single package providing high resolution TV at a competitive price. Options include automatic light compensation, remote control for the 4-lens turret, lens-speed filter, and focus, and modulators providing RF carriers on any of the five lower standard TV channels.

KIN TEL PRECISION POWER SUPPLIES

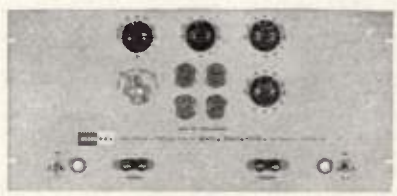


Model 50B-25 Absolute DC Power Supply

KIN TEL absolute DC power supplies are essentially high-powered standard cells for use in designing all kinds of DC amplifiers and complex electronic circuits or wherever a precision voltage source—independent of load current—is required.

Variable and fixed outputs are available. Stability is 100 ppm long term, 50 ppm short term. Accuracy is 0.02% or 5 mv. Hum and noise are less than 0.5 mv. Regulation is 0.01% load, 0.002% line. Output Z is less than 0.01 ohm DC, 0.5 ohm to 200 kc. Response time is 0.2 millisecond. Output is positive or negative.

Model 50B-25 shown above supplies up to 250 ma at dialed output from 1 to 502 volts – $895. Model 50F-25 has fixed output in same range for $850. Models 3B-200 and 3F-200 supply up to 2 amps at 2 to 32 volts, variable and fixed – $795 and $750. Model 50B-100 provides up to 1 ampere at dialed voltage of 1 to 502 – $1250.



Model M10A-10 Meter Calibrator (Control unit only)

KIN TEL meter calibrators provide voltages and currents calibrated in absolute units, independent of line or load variations. Model M10A-10 shown above supplies 0-100 volts, 0-100 ma as a voltage or current source. Accuracy is 0.05%, line regulation 0.01%, and hum and noise less than 2 mv. Other specifications same as power supplies. Price $1495. Model M100A-20 supplies 0-1000 volts, 0-200 ma. Price $2995.

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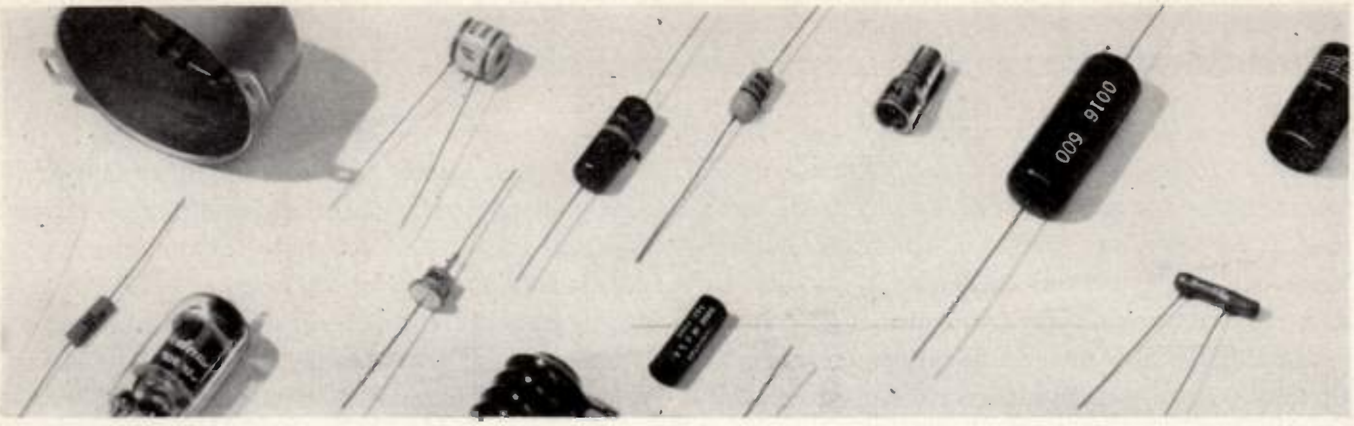
➧ TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.



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More than 40 basic groups ranging from the small, hand-operated "Companion" to completely automatic high speed types, are capable of handling products and packages of almost any size and shape.

2 TYPE:
Rubber or metal, wheels or inserts, according to the type of marking surface and whether or not imprint changes are frequent. Markem Masterplates permit quick changes of imprint simply by dropping a type block into a slot.

3 SPECIALTY INKS:
Available in a wide range of colors, drying characteristics and resistance to various environmental conditions.

4 SERVICE:
Competent advice, operator training and other services from experienced field men in the principal industrial cities of the U.S., Canada and most industrial areas of the world.

Here's how typical Markem machines meet specific needs in marking electrical and electronic components

HIGH SPEED COLOR BANDING of cylindrical axial lead components. Up to 6 colors at once or 5 plus trademark. Colors, bandwidth, spacing easily changed. Model 150AB can mark up to 7,000 units per hour with automatic feed; Model 69A (shown) marks 2,400 - 3,600 units/hour depending on feed.

Model U-1038 SIMULTANEOUS TOP and SIDE MARKING of JETEC transistors. Prints trademarks, codes, symbols, other data. Hopper-fed machine automatically prints and ejects up to 3,600 units per hour.

Model 146A MARKING AXIAL LEAD COMPONENTS with complete legends, including polarity band and symbol. Prints neatly on cylindrical surfaces. Adjusts quickly to different sizes of components. Production speed approximately 2,600 and more per hour.

Model 148A MARKING OF ALL TYPES OF SURFACES — flat, curved, corrugated, irregular, etc. — without hand rolling or pressing. For automatic in-line production marking or manual feeding as bench-mounted machine. Average production is 2,100 to 3,100 units per hour.

Model 20A — HIGH SPEED MARKING OF CYLINDRICAL OBJECTS at average production rates of 3,000 to 7,000 per hour. Can be built into automatic production lines and feeds. Date code number can be changed independent of printing plate.

Write for this 12-page catalog of Markem machines and related equipment for the electrical and electronic industries. Complete specification sheets are also available for individual machines.

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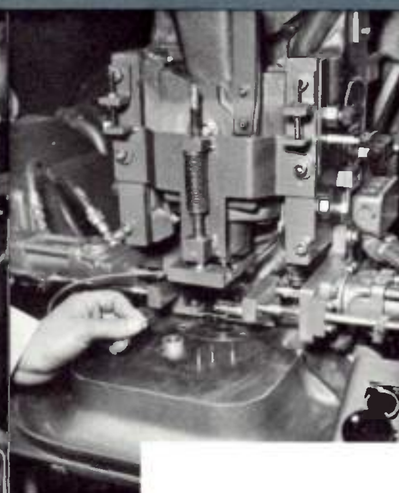
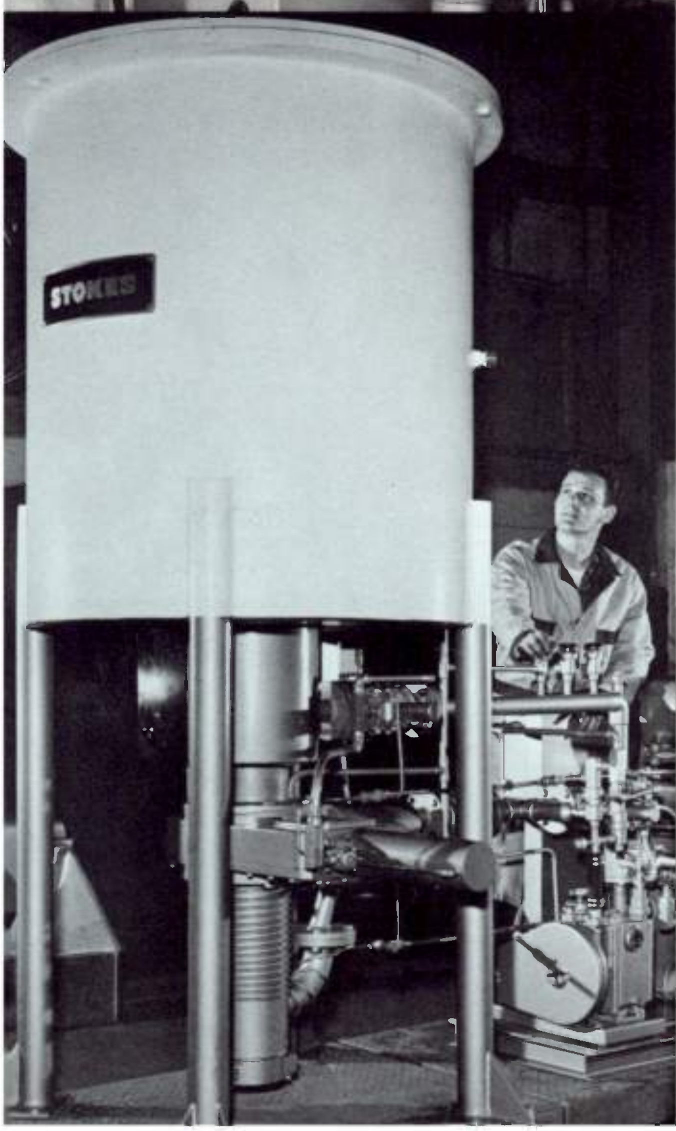
SUPERIOR SERVICE TO THE ELECTRONICS INDUSTRY THROUGH

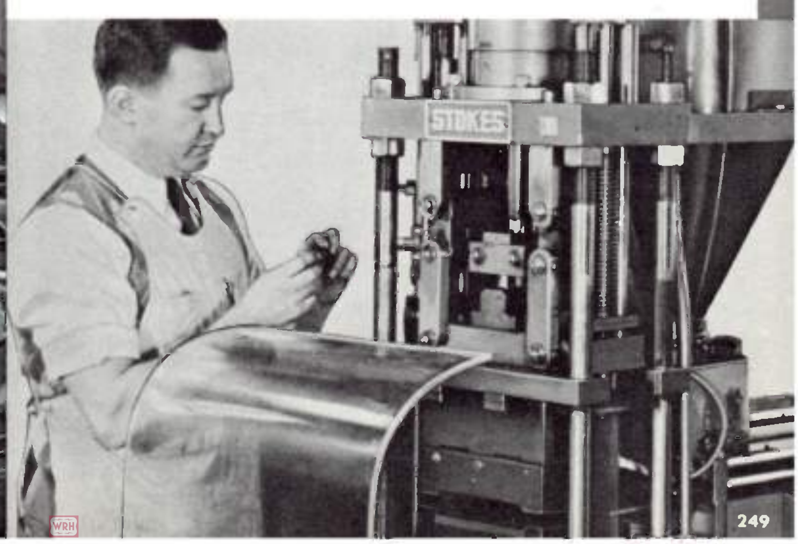
STOKES

INTEGRATED PRODUCT KNOW-HOW



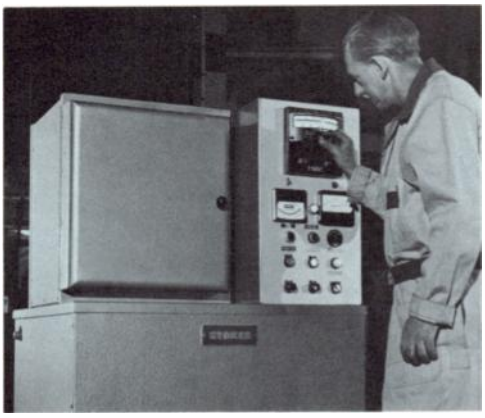


Stokes offers the Electronics Industry a commodity that's unique: the largest single backlog of experience in pressing, compacting and molding, and in the application of vacuum technology . . . all channeled to the Electronic Industry's needs. This integrated product know-how is the key to Stokes superior service. Through close association, we are keenly aware of your manufacturing demands and problems . . . and all of our equipment is designed and built to give you the high product quality so essential in a quality-conscious industry. Listed on the following pages are just a few examples of the equipment Stokes manufactures to serve the Electronics Industry.



INTEGRATED PRODUCT KNOW-HOW: key to

ELECTRONIC PROCESSING EQUIPMENT



Vacuum Baking Ovens

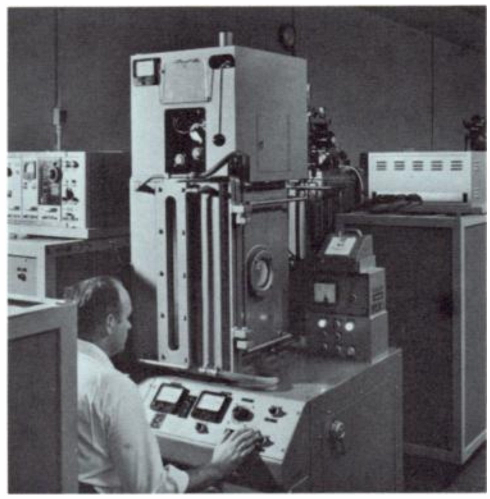
Semiconductor processing to 350°C at 10^{-6} mm Hg. is now possible with Stokes new High-Temperature/High-Vacuum Baking Ovens. Designed to exceed current specifications for high-reliability processing, these precision ovens give dependable operation up to 450°C with a gradient of ±2 or less. They are the *only* ovens that provide 350°C temperature concurrent with a vacuum on the low 10^{-6} mm Hg. scale. Payload shelf capacity ranges up to 3.8 square feet.

Vacuum Impregnation Systems

Stokes Vacuum Drying and Impregnation systems are being used throughout the electronics industry: power cables, coils and condensers, armature and transformer coils etc. With this equipment, life of material has been lengthened; insulation perfected; wear reduced; strength added; and, in addition, protection from water, oxidation or other destructive agents has been furnished.

TV Tube Aluminizers

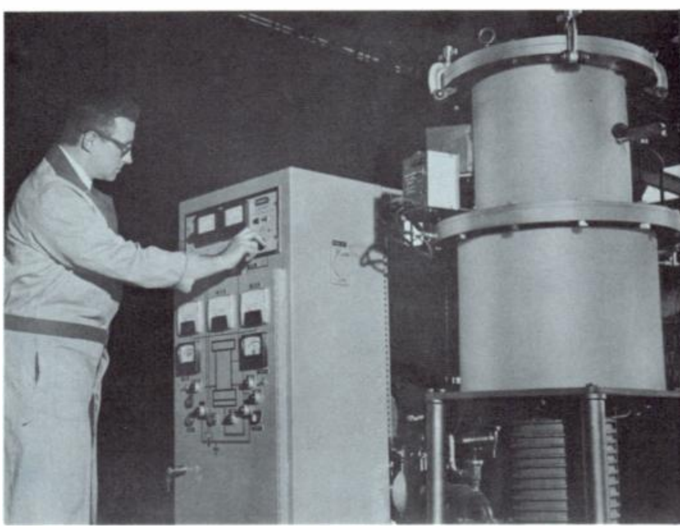
Stokes automatic "twin-tube" aluminizer is a high-production unit for evaporating an aluminum film on black and white or color tube screens. Design flexibility makes it possible to use Stokes aluminizing equipment for virtually any type tube or production. The unit is completely automatic.

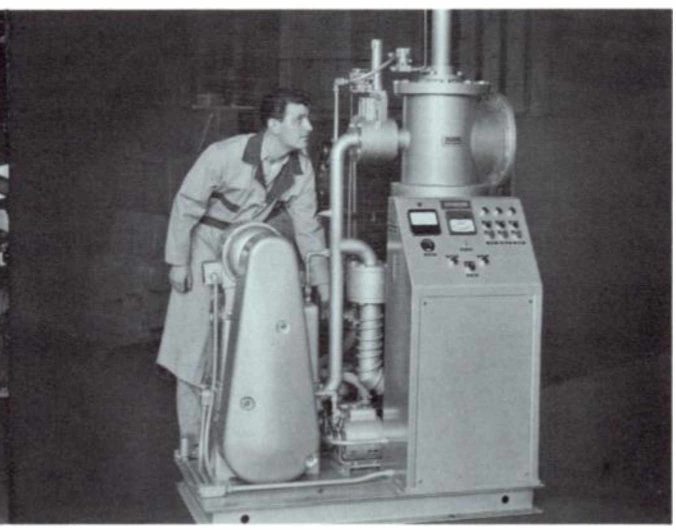


Silicon Purifying Units

Stokes has provided an array of high vacuum units to a customer for refining silicon on a commercial scale to a degree of purity that approaches the theoretical limit. The impurity content of silicon refined by this method is being brought down to as low as one part in ten billion. Stokes high vacuum know-how is a significant contribution to the system.

VACUUM SYSTEMS FOR HIGH ALTITUDE SIMULATION





Component Test Facility

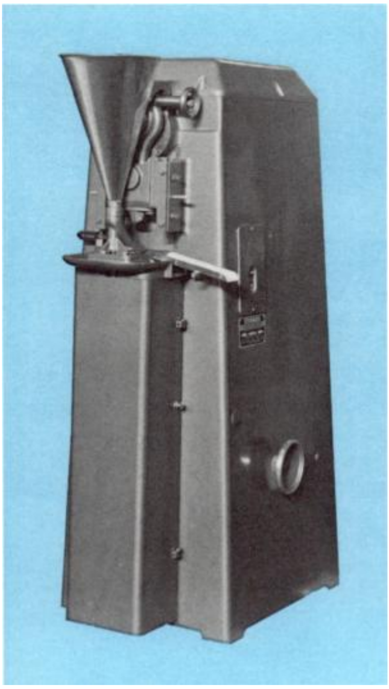
This new Stokes completely packaged Component Test Facility lets you space-test components under combined environments of altitude and temperature. The facility is designed and fabricated to operate at pressures of 10^{-6} mm Hg. Many units are currently being used by major contractors to the nation's space program.

Package Pumping System

This standard 10" high vacuum pumping system is currently being used to evacuate environmental chambers to simulate altitudes to 500,000 feet. All operations are controlled from a single console. Automatic valves are used throughout. The unit occupies less than 20 square feet of floor space.

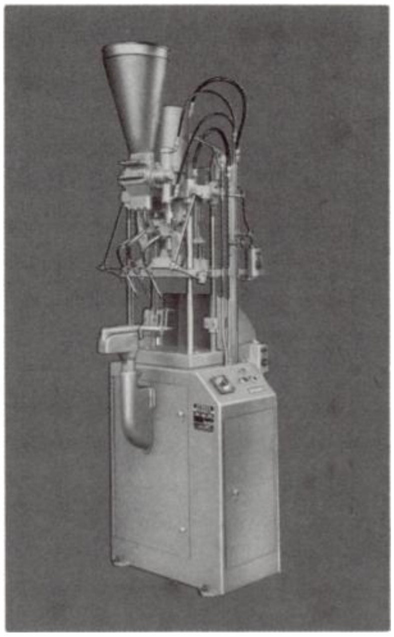
STOKES service to the ELECTRONICS INDUSTRY

COMPACTING AND MOLDING PRESSES



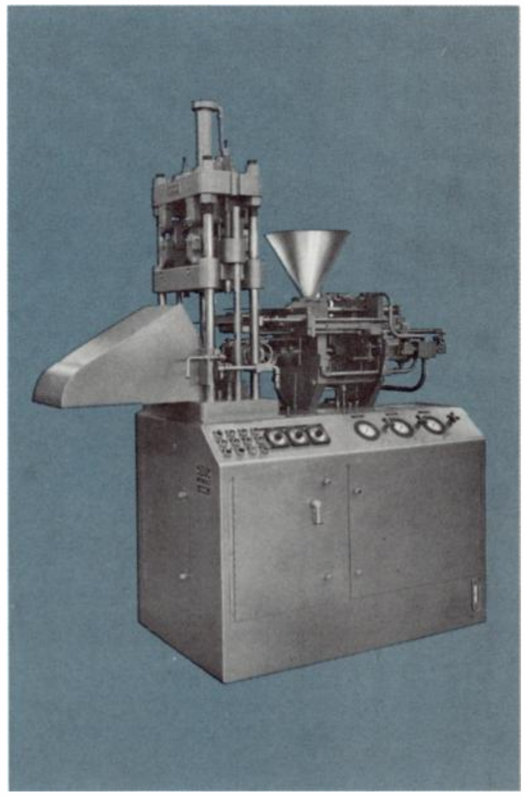
Compacting Presses

Representative of the Stokes complete line of industrial compacting presses, the F-4 is ideally suited for producing tantalum anodes, barium, titanate, ferrite cores and hermetic seals. It provides high speed, low cost compacting of small parts and components such as powder metal tuning slugs, transformer cores. small shields and a variety of parts. Dust tight construction makes it ideal for pressing abrasive materials. Stokes compacting presses contain the most advanced features available today.



Automatic Compression and Transfer Molding Presses

These presses reduce labor costs to a minimum. One man can run up to 10 units. The Stokes Model 725 press is a case in point. It is the best answer to the problem of economically producing small parts. It can be used as an automatic or semi-automatic compression or transfer molding machine. And vertical clamp design permits insert molding. The model 741 automatic compression or transfer molding machines are very fast and exceptionally versatile. The 741 makes *every operation completely independent of human error.*



Automatic Injection Molding Presses

Completely self-contained, the Stokes Model 701 —2 oz. injection molding press molds, de-gates, ejects and sorts automatically. A single machine requires only 1/10 of any operator's time. *Shorter cycles* and *higher operating* efficiencies result in greater output per cavity. In addition, precise, repetitive control of cycle time eliminates variations in temperature and pressure . . . reduces rejects and increases product quality. The press is also available in 6 oz. capacity.

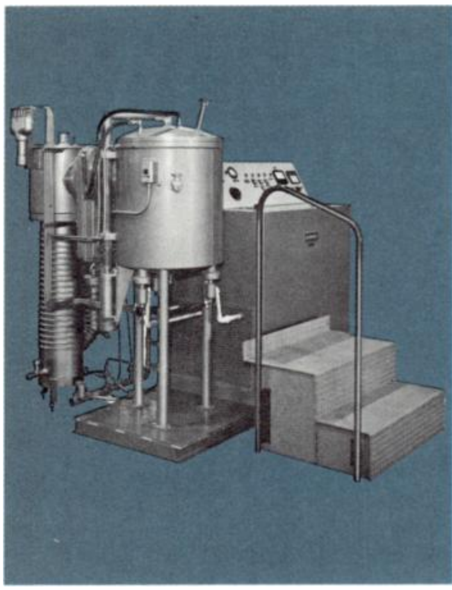
VACUUM METALLIZERS

The large capacity of Stokes vacuum metallizers gives maximum production in the coating of plastic, glass and metal products. Interlocked centralized control system makes Stokes metallizers easy to operate . . . assures uniform, high-quality finishes every time. Stock units are available in 24″, 36″, 48″, and 72″ diameter chamber sizes.

VACUUM GAGES

Stokes Ionization Gage Controls provide unusually stable and linear output. Periodic "re-zeroing" is normally unnecessary. Units are easy to use, flexible in their operation, and operate most standard vacuum gages without circuit modifications. Stokes Cold Cathode Gage combines the accuracy and dependability of the ionization gage with unique design and construction features.

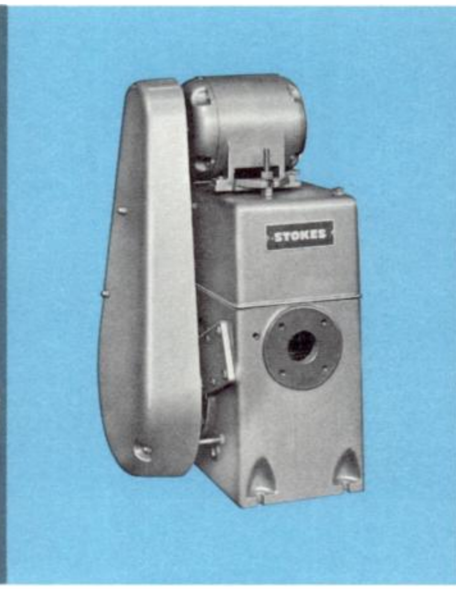
VACUUM FURNACES



High Temperature Furnaces

Stokes offers the most complete line of standard induction and resistance vacuum furnaces for melting, sintering, brazing, degassing and heat treating. Melting furnaces are offered in sizes from five to five thousand pounds capacity for either batch or semicontinuous operation. Stock resistance furnaces cover all temperature ranges up to 2500°C.

HIGH VACUUM PUMPS



Microvac Pumps

Compactly designed . . . dynamically balanced . . . exceptionally quiet, Stokes Microvac pumps are delivered complete. Pumps are stocked and available in models up to 500 cfm displacement. Stokes Diffusion pumps are designed for use with medium and large size vacuum systems where rapid cycling is desired. Available in 4-, 6-, 10- and 16-inch sizes.

PRECISION TOOLING

Punches and Dies

Stokes is the recognized leader in knowledge, design engineering, laboratory facilities and machine tools. Skilled tool and die makers staff one of the most modern punch and die facilities in this country. Stokes service plus these facilities enable delivery dates to be met—provide valuable follow-through service after the sale.

Stokes has been supplying quality products to industry for more than 65 years. During that time, we have maintained our flexibility while steadily enlarging our engineering and manufacturing facilities. The products shown on these pages are representative of the wide diversity of equipment which Stokes manufactures to meet the needs of the electronics industry. If you have a special application problem, Stokes unique-in-the-industry Engineering Advisory Service will study it with your engineers and will make recommendations based on findings.

Complete technical information on any of the units listed in this folder—or any Stokes equipment—may be obtained simply by requesting it. Just let us know your requirements. Or contact the Stokes office nearest you.

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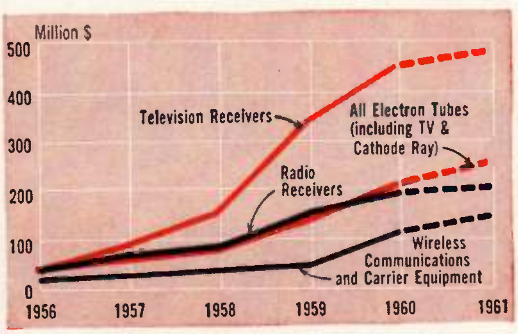
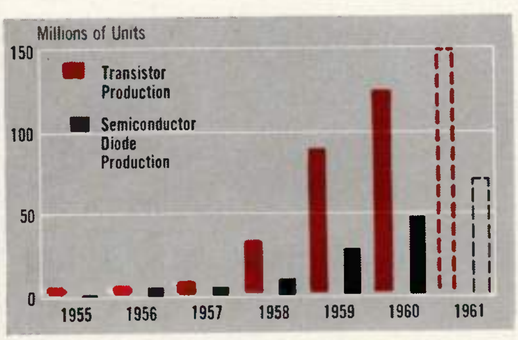


Components, consumer goods and communications are the bread-and-butter base of Japan's electronics.



Semiconductor production, which more than doubled last year, is still going strong. Almost all transistors produced are of the entertainment type.

JAPAN'S ELECTRONIC COMPONENTS INDUSTRY SUPPLYING INTERNATIONAL MARKETS

JAPAN'S improvement and growth in the electronics industry had its first big push with the opening of its Microwave Relay System in 1952. It strode rapidly ahead in 1953 with the inception of TV-Broadcasting.

Communications and consumer items have been, and still are, the important segments of the Japanese electronic industry. This has brought about a tremendous growth in the manufacture of the many components concerned. Keeping pace with this were the technical improvements that provided better performance, improved production methods, increased reliability in components and resultant finer quality in end equipment.

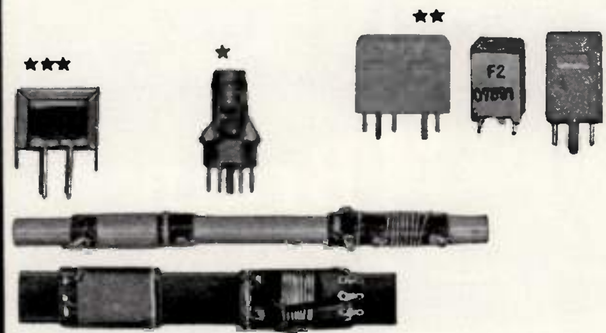
Broadening markets were a direct result of these advancements in production techniques and product developments. Japan, now, not only satisfies her "home markets" but has penetrated into the international picture to a marked degree. Because of rigid controls on quality and reliability that is constantly maintained, most Japanese components and "packaged" items meet the accepted standards in United States and European markets.

Thirty (30) of the important Japanese electronic manufacturers tell their product and facility story in the following pages. These companies and others in Japan will bring into reality the projected figures shown in the charts for 1961. These projected figures, for instance, show television receivers going to $426,000,000; Radio Receivers $212,000,000. Important components, such as transistors, going to almost $66,000,000 and capacitors to almost $50,000,000. The future for the Japanese electronic industry looks bright and promising in a world-wide market.

THE LATEST ELECTRONIC COMPONENTS in their full bloom

★ HI-FI SPEAKER
STANDARD SPEAKER
★★MINIATURE SPEAKER
OVAL SPEAKER
SPECIAL PURPOSE SPEAKER
★★★TONE ARM
CARTRIDGE

AUDIO COMPONENTS



FERRITE CORE ANTENNA
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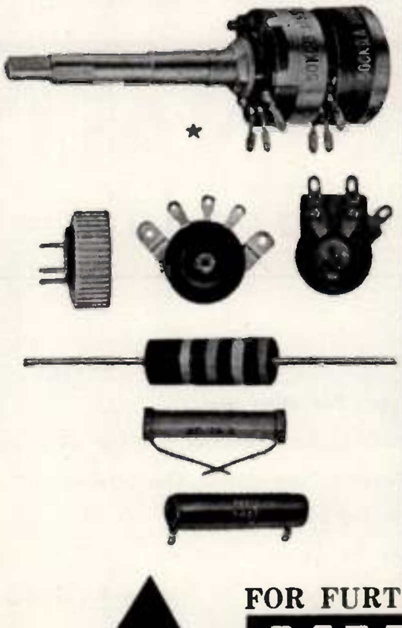

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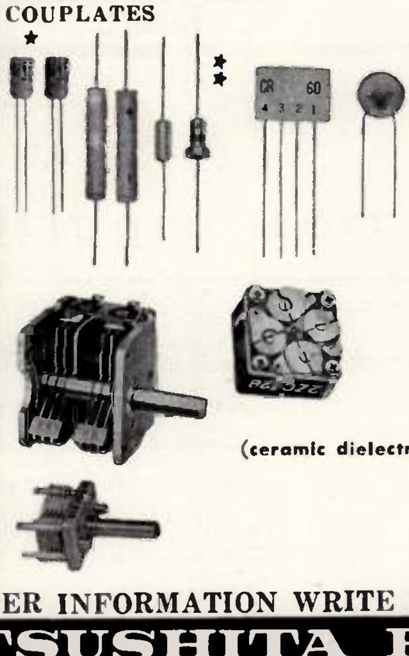

(ceramic dielectric)

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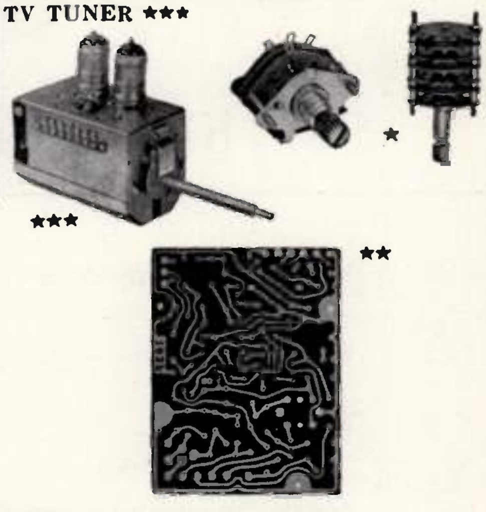

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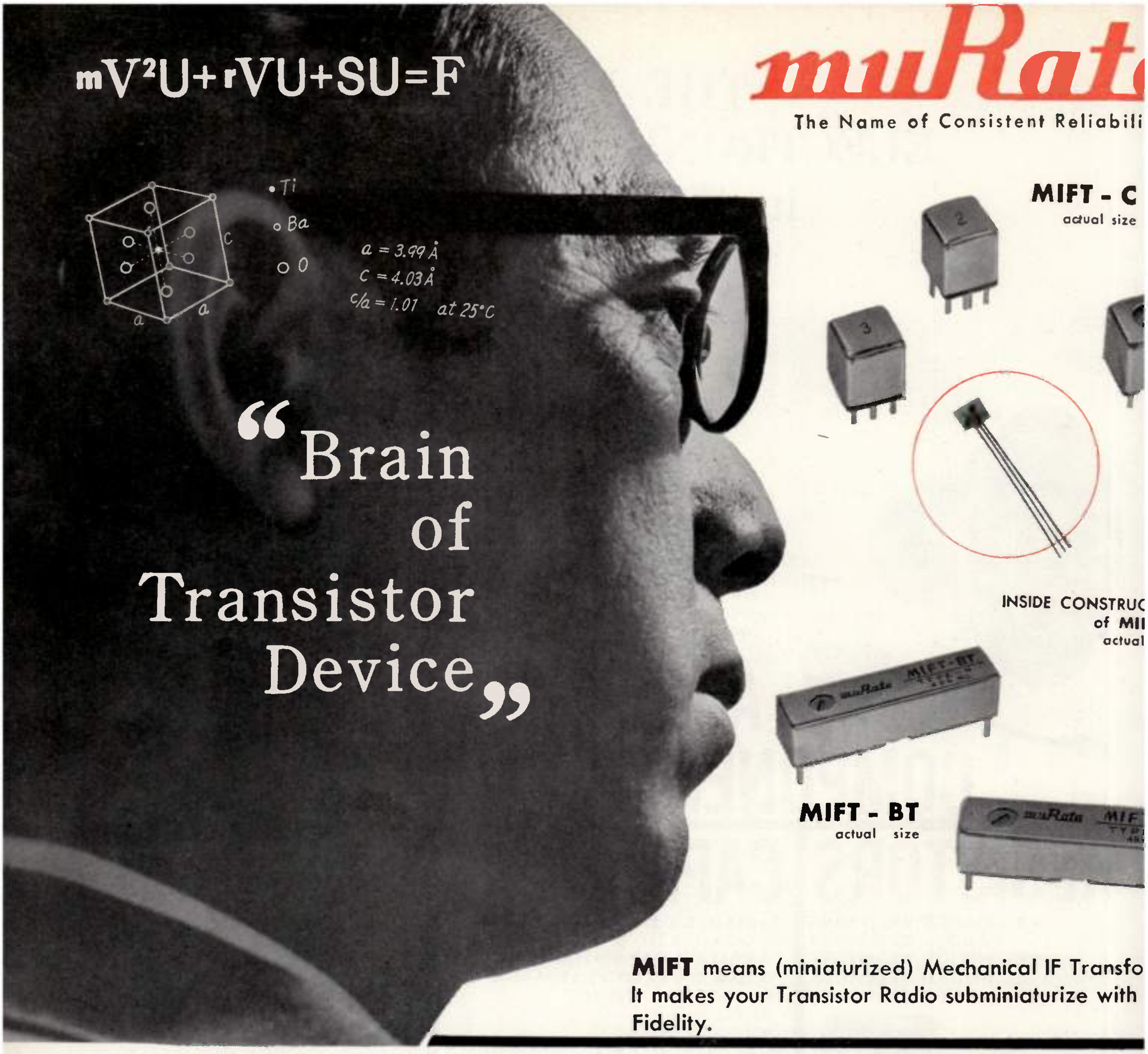

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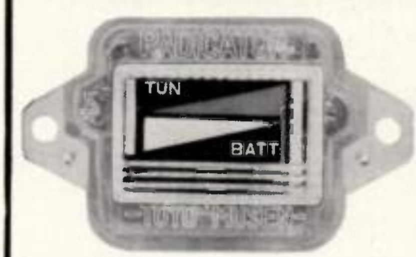

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F-102	FM tuning indicator
V-103	Audio level meter
A-104	AM tuning indicator
SB-105	Stereo balancing indicator
B-106	Battery indicator
R-201	Smaller type tuning indicator
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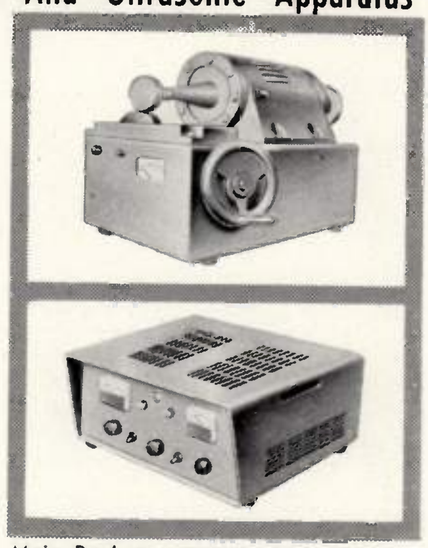

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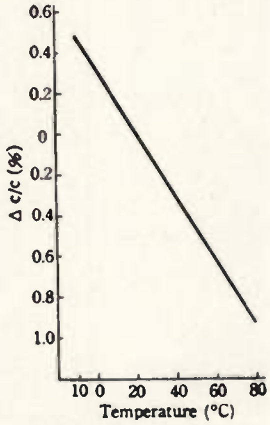
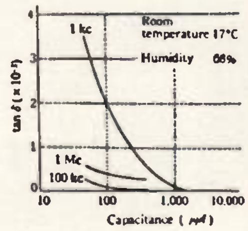
Type	Voltage (D.C.)		Capacitance Range	Capacitance Tolerance (%)
Standard	WV 125	TV 375	2-25,000 mmf	2, 5, 10 %
	250	750	1,000-20,000	
	500	1,500	2-10,000	
Non-Inductive	WV 125	TV 375	1,500-25,000 mmf	10, 20 %
	250	750	1,000-20,000	
	500	1,500	500-10,000	
Twin	WV 125	TV 375	2,000-50,000 mmf	0.5, 1 %
	250	750	2,000-40,000	
	500	1,500	40-20,000	
Micro	WV 35	TV 105	300-5,000 mmf	10 %
	125	375	2-600	
TV & Radio Broad-casting Receiver	WV 125	TV 375	2-25,000 mmf	10 %
	250	750	2-20,000	
	500	1,500	2-10,000	



Capacitance-temperature characteristic



Capacitance-tan δ characteristics

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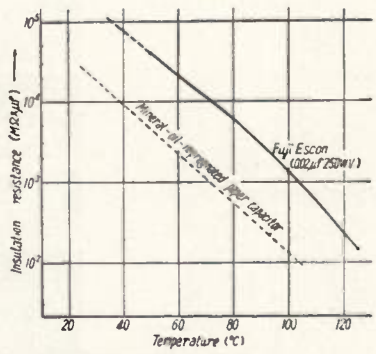
Operating Temperature Range: −40°C to +100°C

Type	Voltage (D.C.)		Capacitance	Capacitance Tolerance
Standard Type	WV35	TV 70	0.05, 0.1, 0.25, 0.5 mf	5, 10, 20%
	125	250	0.01, 0.025, 0.05, 0.1, 0.25mf	
	250	500	2,500, 5,000 mmf, 0.01, 0.025, 0.05, 0.1 mf	
	500	1,000	500, 1,000, 2,500, 5,000mmf, 0.01, 0.025, 0.05, 0.1 mf	
Non-inductive Type	WV35	TV 70	0.05, 0.1, 0.25, 0.5 mf	5, 10, 20%
	125	250	0.01, 0.025, 0.05, 0.1, 0.25mf	
	250	500	2,500, 5,000 mmf, 0.01, 0.025, 0.05, 0.1 mf	
	500	1,000	500, 1,000, 2,500, 5,000mmf, 0.01, 0.025, 0.05, 0.1 mf	



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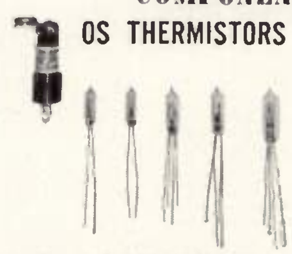

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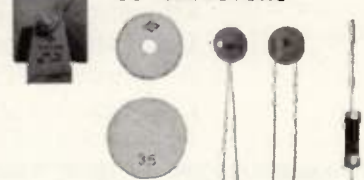

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2 S A 13			2N 410 (RCA)
2 S A 15		540~1,640 Kc Converter	2N 219 (RCA)
2 S A 16			2N 412 (RCA)
2 S A 17		Short Wave Mixer	
2 S A 18		RF Amp. (for Communicational, Industrial Use)	
2 S A 41		Wide Band Amp. (for Communicational, Industrial Use)	
2 S A 42			
2 S A 80	P-N-P Drift Type	Short Wave Converter	2N 370 (RCA)
2 S A 81		Short Wave Local Oscillator	2N 371 (RCA)
2 S A 82		Short Wave Mixer	2N 372 (RCA)
2 S A 83		Class A 455 Kc Amp.	2N 373 (RCA)
2 S A 84		540~1,640 Kc Converter	2N 374 (RCA)
2 S A 85		540~1,640 Kc Class A Amp.	
2 S A 86		Wide Band Amp. (for Communicational Industrial Use)	
2 S A 94	P-N-P Diffused Base Type	540~1,640 Kc Converter	
2 S A130		Short Wave Converter	
2 S A131		Short Wave Local Oscillator	
2 S A132		Short Wave Mixer	
2 S A133		Class A 455 Kc Amp.	
2 S A208	P-N-P Alloy Junction Type	Medium Speed Switching (for Communicational, Industrial Use)	2N 578 (RCA)
2 S A209			2N 579 (RCA)
2 S A210			2N 580 (RCA)
2 S A211			2N 581 (RCA)
2 S A212			2N 404 (RCA)
2 S A217			2N 582 (RCA)
2 S A231		Wide Band Power Amp.	
2 S A232			
2 S A233	P-N-P Diffused Base Type	FM. IF Amplifier	OC 169 (Philips)
2 S A234			OC 170 (Philips)
2 S A235		V. H. F. Amplifier	OC 171 (Philips)
2 S B 66	P-N-P Alloy Junction Type	Class A AF Amplifier (for Communicational, Industrial Use)	
2 S B 67			
2 S B 68		High Voltage Switching	2N 398 (RCA)
2 S B 73		Class A Low Noise AF Amp.	3N 220 (RCA)
2 S B 75		Class A AF Amplifier	2N 215 (RCA)
2 S B 76			2N 406 (RCA)
2 S B 77		Large Signal AF Amplifier	2N 217 (RCA)
2 S B 78			2N 408 (RCA)
2 S B 80		Medium Power AF Amp.	
2 S B 81		Medium Power AF Amp. (High Voltage Switching)	
2 S B 82			
2 S B 83		Large Power AF Amplifier & Switching	2N 301 (RCA)
2 S B 84			2N 301A (RCA)
2 S B 89		Large Signal AF Amp.	2N 270 (RCA)
2 S B155		Class A AF Amplifier	OC 74 (Philips)

Type Number	Description	Class of Service	Similar Types
2 S B156	P-N-P Alloy Junction Type	Large Signal AF Amplifier	OC 74 (Philips)
2SB156A			
2 S B183		Class A AF Amplifier	2N 105 (RCA) OC 60 (Philips)
2 S B184		Large Signal AF Amp.	
2 S B228		High Power Switching	
2 S B229			
2 S B230			
2 S C 89	N-P-N Alloy Junction Type	Medium Speed Switching	2N 585 (RCA)
2 S C 90			2N 1090 (RCA)
2 S C 91			2N 1091 (RCA)
2 S C150	N-P-N Si Diffused Base Type	High Frequency Medium Power Amp.	
2 S C151			
2 S C152			
2 S D 75	N-P-N Alloy Junction Type	Class A AF Amplifier	2N 1010 (RCA)
2 S D 77		Large Signal AF Amp.	2N 647 (RCA)
2 S D120	N-P-N Si Diffused Base Type	High Power Switching	2N 1480 (RCA)
2 S D121			2N 1482 (RCA)
2 S D122			2N 1484 (RCA)
2 S D123			2N 1486 (RCA)
2 S D124			2N 1488 (RCA)
2 S D125			2N 1490 (RCA)
GERMANIUM DIODES			
1 N 34 A	Point Contact Type	General Use	1N 34A
1 N 35		2 Matched Diodes	1N 35
1 N 38 A		General Use	1N 38A
1 N 56 A			1N 56A
1 N 60			1N 60
1 S 77	Gold Bond Type		
1 S 78			
1 S 79			
1 S 83	A.J. Type		
SILICON DIODES & RECTIFIERS			
1 S 84	Diffused Junction Type	General Use	
1 S 85		Variable Capacitor	
H R 12		Rectifier	1N 538 (GE)
H R 13			1N 539 (GE)
H R 24			1N 1763 (RCA)
H R 25			1N 1764 (RCA)
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H V 16			
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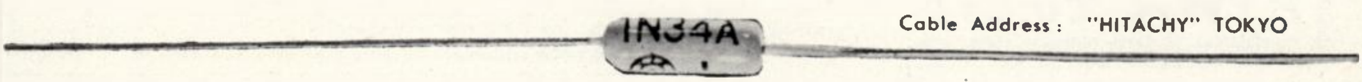

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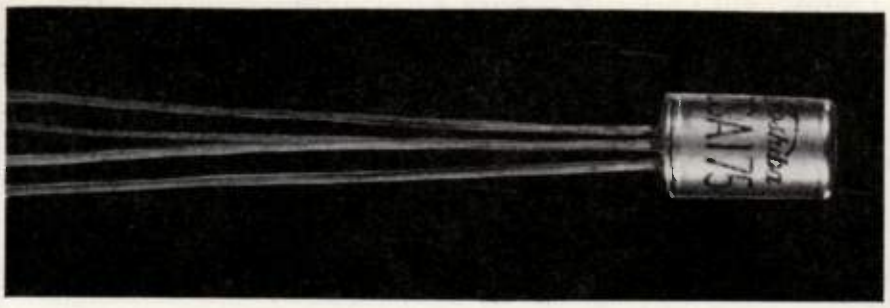

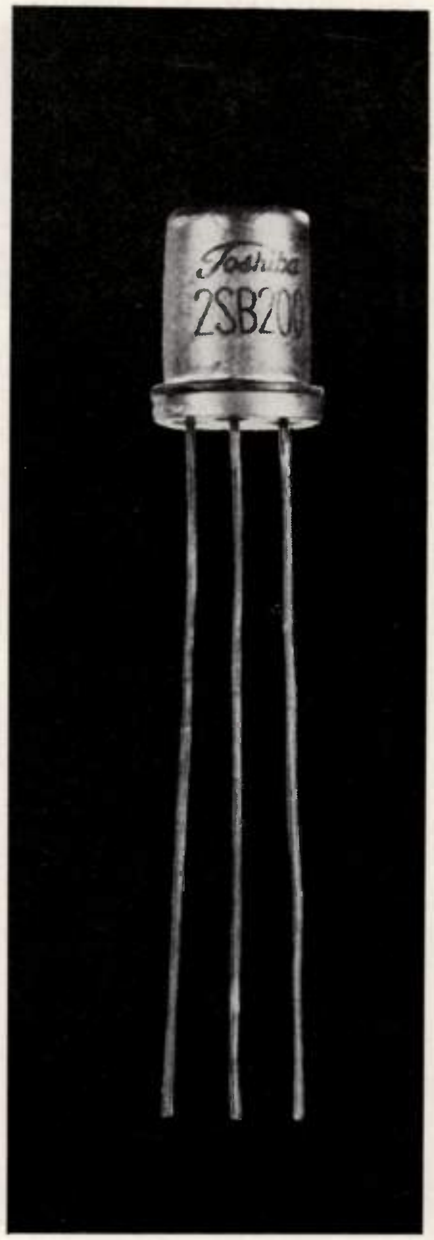

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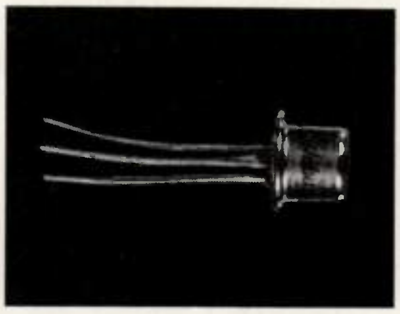

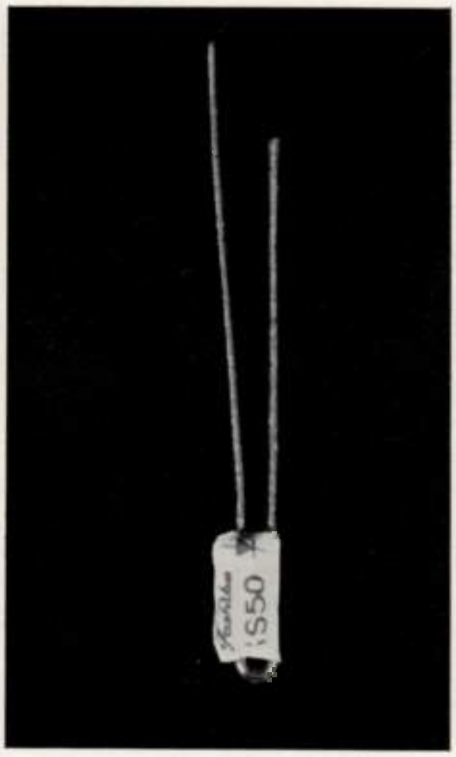

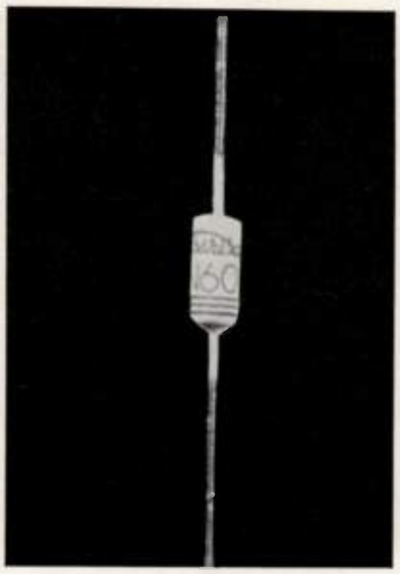

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2SB56	For Audio Frequency Power Amplification
2SB189	For Audio Frequency Power Amplification
2SB200	For Audio Frequency Power Amplification
2SB202	For Audio Frequency Power Amplification

Germanium PNP Drift Type, Transistor

2SA57	For High Frequency Amplification (18Mc)
2SA58	For High Frequency Amplification (12Mc)
2SA60	For Converter Service (12Mc)
2SA72	For High Frequency Amplification (1.5Mc)
2SA73	For Converter Service (1.5Mc)
2SA92	For Local Oscillator Service (18Mc)
2SA93	For Mixer Service (12Mc)
2SA76	For High Frequency Amplification (VHF•FM)
2SA77	For High Frequency Amplification (VHF•FM)
2SA175	For High Frequency Amplification (22.5Mc)
2SA236	For Intermediate Frequency Amplification (455Kc)
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Germanium PNP Mesa Type Transistor

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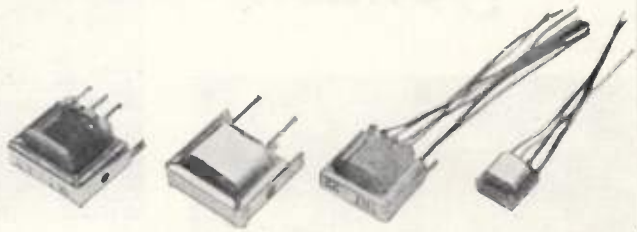

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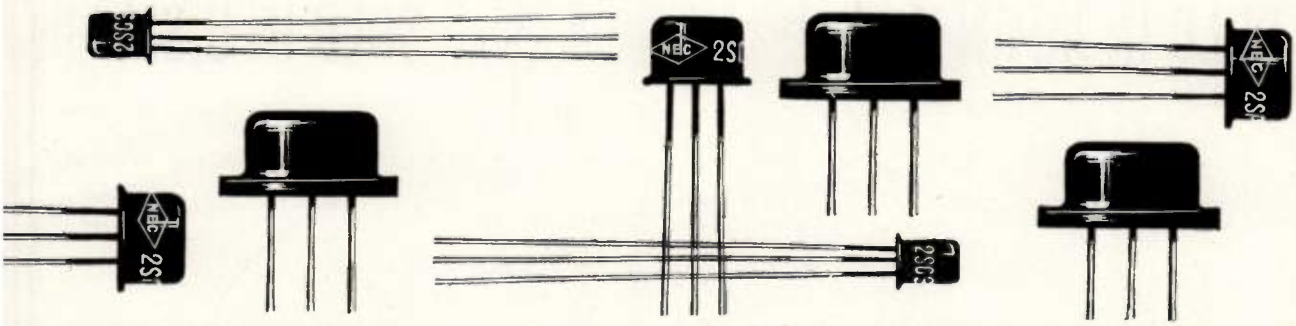

NEC MESAS AVAILABLE IN POWER OUTPUTS TO 12 WATTS AND ALPHA CUTOFFS TO 700 MC.

NEC Type	JEDEC Package	Polarity & Material	f α b (Mc)	Maximum Ratings Pc* (mW)	Maximum Ratings Vcb (V)	PG (db)	Application
2SA238	To-5	PNP Ge	700	600	25	17 (f=70 Mc)	VHF Amp Osc Video Amp
2SA244	To-5	PNP Ge	600	600	25	10 12.5 14 (f=100 Mc)	VHF Amp Osc Video Amp
2SA245	To-5	PNP Ge	700	600	25	13 14.5 17 (f=100 Mc)	VHF Amp Osc Video Amp
2SC30	To-5	NPN Si	250	1.5 W	60	19 (f=30 Mc)	VHF Amp Osc Video Amp Hi-Speed Sw
2SC31	To-5	NPN Si	230	1.5 W	60	18 (f=30 Mc)	VHF Amp Osc Video Amp Hi-Speed Sw
2SC32	To-5	NPN Si	280	1.5 W	60	19 (f=30 Mc)	VHF Amp Osc Video Amp Hi-Speed Sw
2SC33	To-17	NPN Si	270	150§	45	19 (f=30 Mc)	VHF Amp Osc Video Amp
2SC22	To-8	NPN Si	150	12 W	75	10 (f=60 Mc)	VHF Pwr Amp
2SC23	To-8	NPN Si	130	12 W	75	9 (f=60 Mc)	VHF Pwr Amp
2SC24	To-8	NPN Si	150	12 W	100	10 (f=60 Mc)	VHF Pwr Amp

* Tc=25°C § Ta=25°C

Circuits of NEC's own systems are proving the performance of this series of diffused base transistors. Applications have been in microwave IF amplifiers, wideband video amplifiers, carrier frequency amplifiers of carrier telephone equipment, and high-speed switching in logic circuits.

With increased production capacity, NEC Mesas are now available for export. Every seal is tested in krypton isotopes, providing a failure rate suitable for the most critical applications.

Systems / Components NEC *Nippon Electric Company Ltd.*

P.O. Box 1, Takanawa, Tokyo, Japan

TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

POLARAD
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POLARAD GUIDE TO MICROWAVE EQUIPMENT

MICROWAVE SPECTRUM ANALYZERS 10 to 100,000 mc

FEATURING:

- 1 to 30 cps adjustable sweep rate
- Direct-reading UNIDIAL® tuning control, with no klystron modes to set
- High accuracy, resolution and sensitivity
- Frequency dial accuracy ±1%
- Non-contacting klystron cavity chokes for noiseless tuning
- Five-inch flat-face CRT
- Provision for use with Multi-pulse Spectrum Decoder (Model SD-1)

TRANSISTORIZED MULTI-BAND, SINGLE UNIT SPECTRUM ANALYZER

Complete Frequency Coverage, From 10 to 40,880 mc

Model SA-84T

Completely transistorized lightweight unit.

Dispersion: 500 kc to 25 mc, adjustable

Resolution: 20 kc at all frequencies

Internal Marker: ± 13 mc

Power Input: 115/230 VAC, 50/60 cps or 12 VDC

Power consumption: when battery operated, 110 watts

Sensitivity: —50 to —105 dbm, depending on frequency.

Weight: 70 lbs. One half the weight of conventional vacuum-tube equivalent

Meets MIL-1-26600 for r-f interference

Model TSA

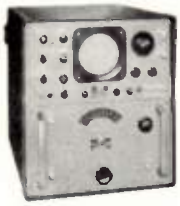
DIRECT READING SPECTRUM ANALYZER

10 to 44,000 mc in 5 Plug-In Tuning Units

To test missiles, radar, microwave components, telemetering and multi-pulse transmission

Features:

- **Dispersion:** 400 kc to 25 mc
- **Resolution:** 2 to 80 kc variable
- **Attenuation:** Continually variable
- **Sensitivity:** —50 to —95 dbm, depending on frequency
- **Internal Marker:** ± 14 mc

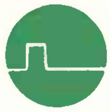


Model TSA-S

COMBINATION SYNCHROSCOPE-SPECTRUM ANALYZER

10 to 44,000 mc in 5 Plug-In Tuning Units

PROVIDES TIME AND FREQUENCY DISPLAYS



Time Display: Shows signal waveform

Frequency Display: Shows power vs. frequency

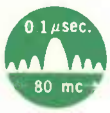
Bandwidth: 5 kc, 50 kc, 500 kc, 5 mc. Synchroscope sweep rate: 2, 10, 100, 1,000, 10,000 and 100,000 μ sec per screen diameter. Dispersion, Sensitivity and Internal Marker same as TSA.

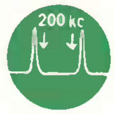
Model TSA-W

WIDE DISPERSION SPECTRUM ANALYZER

FOR NARROW AND WIDE PULSE ANALYSIS

10 to 44,000 mc in 5 Plug-In Tuning Units





Dispersion: 200 kc to 80 mc (2 ranges)

Resolution: 2 to 80 kc variable

Internal Marker: ±40 mc

Screen Display: Linear or log

80 mc dispersion displays pulses narrow as 0.1 μ sec. For wide pulses, dispersion may be adjusted down to 200 kc.

UNIVERSAL SPECTRUM ANALYZERS

Complete frequency coverage 10-40,880 mc in single self-contained units—no additional tuning units required. Expanded, direct-reading, slide rule dial

Model SA-84

- **Dispersion:** 10 to 55 mc: 500 kc to 5 mc, adjustable 55 to 40,880 mc: 500 kc to 25 mc, adjustable
- **Resolution:** 20 kc
- **Internal Marker:** variable

Model SA-84W

Wide Dispersion

- **Dispersion:** 10 mc to 240 mc: 10 mc 240 mc to 40,800 mc: 80 mc
- **Resolution:** 2 kc to 80 kc variable
- **Crystal controlled markers from 10 to 40,880 mc**
- **Log-linear display**
- **Accurately calibrated IF attenuator**

WIDE BAND SPECTRUM ANALYZER

Self-Contained Unit Covers 10 to 40,000 mc in 20 Bands

- **Dispersion:** 1 mc to 25 mc in narrow band 50 mc to 4000 mc in wide band
- **Resolution:** 20 kc in narrow band 1.5 mc in wide band
- Rapid band selection by means of illuminated push-button switches.
- Frequency marker up to 4000 mc.
- End-markers indicate frequency limits of each band.
- Center-marker permits switching from wide to narrow bands without hunting for r-f signal.
- **Sensitivity:** —50 to —80 dbm, depending on frequency.

Model WSA

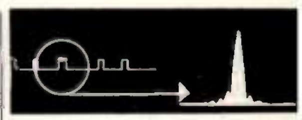
Model DA-70

100 KMC SPECTRUM ANALYZER

Covers 50,000 mc to 100,000 mc in Three Bands

- **Dispersion:** Continuously adjustable from 50 mc to 1000 mc. Permits narrow pulse inspection.
- **Resolution:** 1 mc
- High intermediate frequency assures image rejection and prevents video detection.
- **Frequency marker:** for measuring frequency differences.
- **Dial frequency Accuracy:** ±1.0%
- **Nominal Sensitivity:** —50 dbm for entire frequency range.

MULTI-PULSE SPECTRUM SELECTOR



Model SD-I

Permits spectrum analysis of individual microwave pulses in a pulse group when used with any Polarad Spectrum Analyzer. Any pulse in a complex coded signal may be isolated for examination.

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A GUIDE TO MICROWAVE ELECTRONIC TEST INSTRUMENTS

MICROWAVE RECEPTION

TRANSISTORIZED CALIBRATED FIELD INTENSITY RECEIVER

Model CFI

1,000 to 10,000 mc

Four Interchangeable Plug-In Tuning Units Cover All Frequencies.

Transistorized, low power drain, ruggedized field intensity receiver provides accurate measurements of frequency and absolute power level of conducted or radiated microwave energy. Combines a Field Intensity Calibrator, a Monitor and Power Unit and a Calibrated Antenna System. The Model CFI covers 950 to 11,260 mc when used as a microwave receiver.

FEATURES:

- Built-in power inverter for use with 12 volt DC source.
- Direct-reading frequency dial.
- Output level: read directly in db.
- Audio, video and recorder outputs.
- AM, FM, CW and PULSE reception.
- One third lighter than equivalent vacuum-tube Field Intensity Receiver.
- Calibrated antenna system includes an omni-directional band antenna and separate directional antennas to match each tuning unit.

Sensitivity:
—90 dbm.

Frequency Dial Accuracy:
±1%

Maximum RF input:
3 volts

Impulse Bandwidth:
1 mc, 5 mc and 8 mc

Image and Spurious Response Rejection:
Better than 60 db

CALIBRATED MICROWAVE FIELD INTENSITY RECEIVER

Model FIM

1,000 to 10,000 mc

Two compatible tuning units under development will extend frequency to 20,000 mc.

Indicates Absolute Power Level By Comparing Input Signal Against Internally Generated Signal In A Single Unit.

Four Interchangeable Plug-In Tuning Units Cover All Frequencies.

- Only Microwave Field Intensity Receiver with self-contained signal generator which calibrates entire system under test at any level.
- First single microwave test system to determine radiated r-f interference and susceptibility.
- Front-panel meter indicates average, peak, slide-back peak or quasi-peak value of r-f signals. Outputs for video, audio and recorder.
- Direct-indicating peak VTVM for ease of frequency location of impulse noise.
- Single UNIDIAL® tuning control tunes both the receiver and signal generator.
- Calibrated antenna system includes an omni-directional broad band antenna and separate directional antennas to match each tuning unit.

Frequency Dial Accuracy:
±1%

Maximum RF Input:
3 volts

Sensitivity:
—80 dbm

Impulse Bandwidth:
5 mc

Image and Spurious Response Rejection:
Better than 60 db

Attenuation:
0 to 80 db in steps of 1 db

TRANSISTORIZED MICROWAVE RECEIVER

Fully Transistorized Circuitry Ehsures Low Power Drain and Rugged Construction. One-third lighter than equivalent vacuum-tube receiver.

950 mc to 11,260 mc

Four Plug-In r-f Tuning Units Cover All Frequencies.

Four Instruments In One.

- AM, FM, CW, MCW, Pulse receiver
- Field intensity receiver
- Pulse, pulse-time or pulse-position demodulator
- Sensitive power meter

- Power consumption when battery operated, 180 watts. Built in power inverter for use with 12 volt DC battery source.
- AFC and AGC circuits.
- Audio, video and recorder outputs.
- Output level: read directly in db.

Frequency Dial Accuracy: ±1%
Impulse Bandwidth:
1 mc, 5 mc, or 8 mc
Image Rejection: Better than 60 db
Video Bandwidth: 3.5 mc
Sensitivity: —90 dbm

Model TR

MICROWAVE RECEIVER

400 to 84, 200 mc

Nine Interchangeable Plug-In Tuning Units Cover the Frequency Range.

Four Instruments In One.

- AM, FM, CW, MCW Pulse receiver
- Field intensity receiver
- Pulse, pulse-time or pulse-position demodulator
- Sensitive power meter

For quantitative analysis of microwave signals, and monitoring of all types of radio and radar communication.

Model R

Features: UNIDIAL® control with direct-reading frequency dial. AFC and AGC. Audio, video, recorder and trigger outputs. Output level read directly in db.
Frequency Dial Accuracy: ±1%
I-F Bandwidth: 3 mc

Video Bandwidth: 2 mc
Image Rejection: Greater than 60 db to 11,260 mc
Range of Linearity: With AGC, 60 db
Sensitivity: —55 to —90 dbm, depending on frequency

ANTENNA PATTERN TUNING UNIT 2,000 to 75,000 mc

Designed For Use With Model R Receiver

- **External Mixer With Flexible Cable.** May be located at or near antenna, any distance up to 75 feet from receiver.
- **Internal electronic 1000 cps sweep** allows direct operation into any standard make AC antenna pattern recorder.

Model RW-T

TRANSISTORIZED MICROWAVE IMPULSE GENERATOR

1,000 cps to 10,000 mc

Model IC-120

For use with microwave receivers when making field intensity measurements, as a signal source for spectrum analyzers, in noise measurements, and other applications. Generates 0.020 nanosecond pulses.

CALIBRATED ANTENNAS

1,000 to 10,000 mc

and

TEST ANTENNAS

1,000 to 40,000 mc

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POLARAD PROVEN RELIABILITY

A GUIDE TO MICROWAVE ELECTRONIC TEST INSTRUMENTS

MICROWAVE SIGNAL GENERATION EQUIPMENT 500 to 50,000 mc

500 to 21,000 mc. Polarad signal generators in this range feature: Continuously variable attenuators calibrated directly in —dbm. Internal pulse, FM and square wave modulation, external pulse and multi-pulse modulation. Delayed and undelayed sync outputs. UNIDIAL® tuning. Direct-reading frequency dials accurate to ± 1%. High stability non-contacting klystron cavity chokes for noiseless tuning and accurate calibration.

UHF SIGNAL GENERATOR

500 to 1,000 mc

Model PMR

Single unit covers entire frequency range.

Internal pulse (40-4,000 pps), and square wave modulation (10-10,000 pps.) Internal FM with interchangeable modulator.

Calibrated output: 0 dbm (1 mw) to —127 dbm.

MICROWAVE SIGNAL GENERATOR

10,000 to 21,000 mc

Model PMK

Two interchangeable generator units.

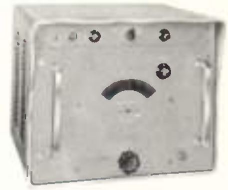
Internal pulse and square wave modulation (10-10,000 pps.) Output to 10 mw. DIGITAL frequency indicator.

Calibrated power output: +10 dbm (10 mw).

MICROWAVE SIGNAL SOURCE

1,050 to 11,000 mc

in 4 interchangeable tuning units.

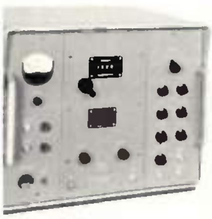


Model KSS

A stable source of microwave energy at relatively high power output level. Internal square wave 10-10,000 pps. External pulse, square wave or FM modulation. Adjustable attenuator.

Power output: 14 to 400 mw, depending upon frequency.

ULTRA-BROADBAND MICROWAVE SIGNAL GENERATOR



4,200 to 11,000 mc

in one instrument

Model MSG-34

Internal pulse and square wave modulation (10-10,000 pps.) 0 to —127 dbm attenuator output.
DIGITAL frequency indicator.

MICROWAVE SIGNAL GENERATOR

4,450 to 11,000 mc

Two interchangeable r-f generator units.

Model PMX

Internal pulse and square wave modulation (10-10,000 pps.) 0 to —127 dbm attenuator output.

MICROWAVE SWEEP GENERATOR FOR INSTANTANEOUS MICROWAVE ANALYSIS 1,000 to 16,000 mc

At single frequency or over a wide range

In 5 interchangeable tuning units. Provides high-power microwave signal adjustable from single frequency to 2:1 frequency range. .001 to 100 cps sweep rate. Int. mod.: 1,000 cps and 456 kc square wave. Ext. mod.: square wave, FM and pulse.

Model CSG

RAPID SCAN RATIO SCOPE

Model VS-2A

Displays ratio of two input signals, gives visual plot of VSWR as function of frequency, at a single frequency or over an entire sweep range. Calibrated 7" CRT. For use with Model CSG.

MICROWAVE SIGNAL GENERATORS

Model MSG

	Frequency	Calibrated Power Output	Internal Square Wave	Internal Pulse Modulation: Width in μ sec.	Pulse Repetition Rate in pps	Delay in μ sec.	FM deviation in mc minimum
MSG-1	950-2,400 mc	1 mw (0 dbm)	40- 4,000 pps	0.5-10	40- 4,000	2.5-300	±2.5
MSG-1P*	950-2,400 mc	10 mw (+10 dbm)	10-10,000 pps	0.2-10	10-10,000	2-2,000	±2.5
MSG-1R	950-2,400 mc	1 mw (0 dbm)	10-10,000 pps	0.3-10	10-10,000	2-2,000	±2.5
MSG-2A	2,000-4,600 mc	1 mw (0 dbm)	40- 4,000 pps	0.5-10	40- 4,000	2.5-300	±2.5
MSG-2R	2,000-4,600 mc	1 mw (0 dbm)	10-10,000 pps	0.3-10	10-10,000	2-2,000	±2.5
MSG-2P*	2,000-4,600 mc	10 mw (+10 dbm)	10-10,000 pps	0.2-10	10-10,000	2-2,000	±2.5

*Attenuator Accuracy: ±3 db between 0 and +10 dbm.
±2 db below 0 dbm.

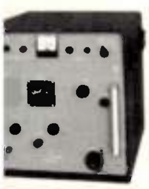
CODE MODULATED MULTI-PULSE MICROWAVE SIGNAL GENERATOR

950 to 10,750 mc

in 4 interchangeable tuning units. Provides 5 independently adjustable pulse channels, each with variable pulse width and delay. Built-in precision oscilloscope.

Model B

EHF SIGNAL GENERATORS AND SOURCES



EHF Signal Generators and Sources

12,400 to 50,000 mc. Units in this range provide cw signals, 1,000 cps internal square wave, external modulation provisions, accurate frequency calibration.

EHF SIGNAL GENERATOR 18,000 to 39,700 mc, 7 plug-in units. Accurate power calibration. EHF SIGNAL SOURCE 18,000 to 50,000 mc, 9 plug-in units. High power output.

EHF SIGNAL GENERATOR Tuning Unit	Frequency Range	EHF SIGNAL SOURCE Tuning Unit
G1822-1	18,000 to 22,000 mc	S1822-1
G2225-1	22,000 to 25,000 mc	S2225-1
G2427-1	24,700 to 27,500 mc	S2427-1
G2730-1	27,270 to 30,000 mc	S2730-1
G3033-1	29,700 to 33,520 mc	S2933-1
G3336-1	33,520 to 36,250 mc	S3336-1
G3540-1	35,100 to 39,700 mc	S3540-1
	39,600 to 46,000 mc	S4046-1
	45,900 to 50,000 mc	S4650-1

Model SG-1218 Signal Generator and Model SS-1218 Signal Source. Available with a frequency range of 12,400 to 17,500 mc.

MAIL THIS CARD for specifications. Ask your nearest Polarad representative (in the Yellow Pages) for a copy of "Notes on Microwave Measurements."

POLARAD ELECTRONICS CORPORATION
10 Queens Boulevard, Long Island City 1, New York

POLARAD ELECTRONICS CORP. BG 1234

I WOULD LIKE MORE INFORMATION AND SPECIFICATIONS ON MODEL NUMBERS: (CIRCLE)

SPECTRUM ANALYZERS
TSA SA-84 DA-70
TSA-S SA-84T WSA
TSA-W SA-84W SD-1

SIGNAL GENERATORS
PMR MSG-1 MSG-2P CSG
PMK MSG-1P MSG-2R VS-2A
MSG-34 MSG-1R EHF B
PMX MSG-2A KSS

RECEIVERS
R RW-T CFI
TR FIM 1C-120
ANTENNAS

LABORATORY EQUIPMENT
PJ-1 SV-1 KLYSTRONS
N-1 P-3 MP-1A
K-200

MY APPLICATIONS ARE: ____

Name ____ Title ____

Dept. ____ Company ____

Address ____

City ____ Zone ____ State ____

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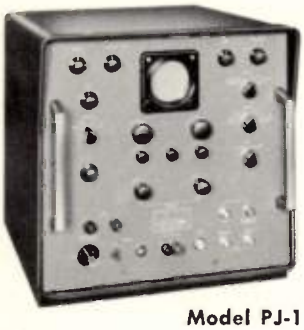
A GUIDE TO MICROWAVE ELECTRONIC TEST INSTRUMENTS

MICROWAVE LABORATORY EQUIPMENT



Model PJ-1

PULSE JITTER TESTER

Measures

Relative jitter: 5, 10 and 100 nanoseconds full scale

Pulse width jitter: 5, 10 and 100 millimicroseconds full scale

Repetition rate jitter: 5, 10 and 100 millimicroseconds and 1, 10 and 100 microseconds full scale

Displays: Jitter magnitude and Jitter waveform

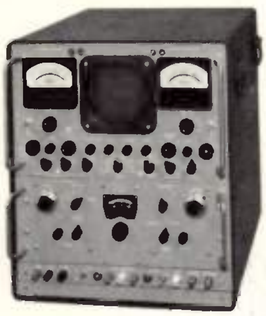
CODED MULTI-PULSE GENERATOR

Provides up to five independently adjustable pulse channels for generation of precise coded multi-pulse trains. Each pulse can be independently pulse-time modulated by means of an external signal.

Modulation:

Group repetition rate, 10-10,000 cps
Individual pulses, in group:
Width: 0.2 to 2 μ sec.
Delay: 0 to 300 μ sec. In two steps
Provision for pulse-time modulation

Model MP-1A



Model SV-1

SERVO-ANALYZER

Combines a precision multiple signal generator and oscilloscope. Feeds a modulated reference test signal through a servo, computer or other system circuit, and compares the response on a calibrated CRT scope. Tests amplitude, phase and transient response, response of magnetic and servo amplifiers, all AC and DC servo systems. Signal generator and oscilloscope may operate independently.

Frequency Range: .001 to 100 cps in 5 ranges.

PRECISION NOISE GENERATOR

1,000 cps to 500 mc — 1 to 20 db

Provides stable, accurate noise output to measure directly the noise figure of vacuum-tube and transistor amplifiers and receivers in the 1,000 cps to 500 mc range.
Dial Calibration: Noise figure indicated directly in db
Accuracy: ±0.25 db

Model N-1

TRANSISTORIZED MICROWAVE POWER METER

Model P-3

10 to 40,000 mc

Measures absolute r-f power instantly. Line or internal battery operated. Rugged, weighs only 6 pounds. Five interchangeable thermistor mounts cover the frequency range. Direct readings in milliwatts or dbm. High sensitivity allows 0.01 milliwatt full-scale deflection; other ranges, up to 10 milliwatts full scale.

Model K-200

MICROWAVE TUBE TESTER

Tests both internal cavity and external cavity klystron tubes, pencil triodes, rocket tubes and lighthouse tubes. Operates as simply as conventional tube testers. Monitors cathode, anode, grid and reflector voltages and currents. Tests for shorts and filament continuity.

ALL-CERAMIC REFLEX KLYSTRON TUBES

Polarad Tube Type	Frequency Range
ZV 1012	500 to 3,000 mc
ZV 1010	700 to 3,000 mc
ZV 1010X	950 to 2,800 mc
ZV 1021X	1,000 to 4,000 mc
ZV 1009	1,500 to 6,000 mc
ZV 1009X	1,700 to 5,000 mc
ZV 1011	4,000 to 11,000 mc

X Series Klystrons have 200 mw minimum output.

Maximum shock, vibration and heat resistance. Guaranteed for operation up to 250°C; no cooling required. Low noise, stable and low microphonic operation.

Postage Will be Paid by Addressee

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CONTROL®

INDUSTRIAL CONTROL EQUIPMENT

STATIC CONTROL SYSTEMS—CONTROL, a division of Magnetics, Inc., manufactures a wide range of static control devices which can be combined to provide a complete industrial control system. These static devices are easily incorporated in your designs and provide the reliability and maintenance-free operation never before achieved with other types of control.

CONVENTIONAL CONTROL SYSTEMS—While Magnetics Inc. amplifiers, switching reactors, proportioning reactors and transductors are ideal for countless industrial control problems, there may be occasions where conventional means, such as relays, motor starters, and the accompanying circuitry are preferred.

For example: motor control centers. Complete control centers can be made to your requirements for quick installation. All control centers are constructed to NEMA standards and such variables as color, type of components, metering and weatherproofing can be incorporated in the design. A complete systems brochure is yours for the asking.

COOPERATIVE ENGINEERING—An experienced staff of engineers is ready to assist you in the selection and design of control systems. Once acquainted with your problem, they will advise on the best and most economical design, using either static control or conventional systems design. You benefit with integrated controls, matching appearance, coordinated wiring, single source responsibility for construction and shipment.

For more information: Contact any of the Magnetics, Inc. Representatives listed below, or write Magnetics, Inc. Dept. BR-89, Butler, Pa.

STATIC CONTROL STANDARDIZED COMPONENTS

REACTOR ASSEMBLIES

SWITCHING REACTORS—Designed for self-saturating magnetic amplifier circuitry to control solenoid valves, magnetic clutches and motor contactors and at the same time perform logic functions. Handle a-c or d-c loads; logic functions are performed through simple external connections to multiple control windings. Available in 15 VA, 75 VA, 150 VA and 300 VA, in models which operate from standard 120-volt a-c supply and deliver slightly below load voltage; in models which operate from slightly above standard line voltage and deliver standard load voltage; and in models which operate from standard line voltage and deliver standard load voltage.

PROPORTIONING REACTORS—For regulation in such varied applications as motor and generator control, switchgear, conveyors and trolleys. Available in eleven units each in 120 volts or 240 volts, with ratings from 90 VA to 3 KVA. Extremely sensitive: 2.25 ampere-turns swing the smallest unit from full on to off; only 4.25 ampere-turns control the largest proportioning reactor in the line. All are high gain, and provide 40:1 ratio between maximum and minimum outputs.

LOW LEVEL AMPLIFIERS

INSTRUMENTATION AMPLIFIERS—For use with such low level transducers as photocells, strain gauges, thermistors, shunts and thermocouples. An extremely versatile, linear magnetic amplifier, the unit has an output of ±10 volts d-c in response to signals of ±50 VA with ±1% linearity in this range. Nominal termination load is 2,000 ohms.

PREAMPLIFIERS—Take small signals from photo tubes or thickness gauges (typically) and builds them into signals usable by proportioning or switching reactors. Output is 3 VA; amplification approx. 75 volts per ampere-turn. The Preamplifier needs only 32 volts rms for supply.

POWER CONTROL—A line of standardized packages each containing 2 solid state thyratrons, heat sinks, a control amplifier and other necessary components. Power ratings from 1 KVA to 15 KVA. Output is a-c or rectified full wave d-c. Integral overload protection.

CONTROL AMPLIFIER—Specially designed magnetic amplifier controls the firing angle of thyratrons so that output power is proportionate to one or more signals. Unit handles many independent input signals for logic or random control functions. Full wave a-c or d-c output from 120 volts, 60 cycles.

TRANSDUCTORS

CURRENT TRANSDUCTORS — Capacities range from 200 to 25,000 amperes. Output, directly proportional to the bus bar current is accurate to ± 1%. Ideal for metering, overload relaying, controlling feedback signals to magnetic amplifiers, or for use with other transductors in a summation system.

VOLTAGE TRANSDUCTORS — Used primarily in d-c voltage measurement, the Voltage Transductor gives isolation between the high voltage measured and the metering circuit. Can also be used as a regulator (it provides a usable output signal proportional to measured voltage), and as an over-voltage protector. It operates from 120 volts, 60 cycle, single phase, to measure up to 1000 volts. Accuracy is within ± 1%.

COMPENSATED TRANSDUCTORS — Shields against stray currents so that it can be used close to other bus bars with no danger of current interference. Eliminates the need to position bus bar in the exact center of the transductor. Specifications similar to Current Transductors.

CALIF.-Pasadena
Magnetics, Inc.
3841 E. Colorado Blvd.
Tel. MUrray 1-7487

CALIF.-Redwood City
Magnetics, Inc.
1743 Maryland Street
Tel. EMerson 6-1210

ILL.-Chicago
Withers, Ropek & Cahill
5439 W. Division Street
Tel. AUstin 7-7292

IND.-Indianapolis 6,
Rockwell Engineering Co.
2121 East 45th Street
Tel. CLifford 1-9453

MASS.-Marshfield
Magnetics, Inc.
Rupelo Rd., Holly Ridges
P. O. Box 313
Tel. PIlgrim 6-2495
(Plymouth, Mass.)

MICH.-Detroit (Royal Oak)
A. R. Satullo Company
4514 N. Woodward Ave.
Tel. JOrdan 6-2375

N.J.-No. Plainfield
Magnetics, Inc.
172 Dahlia Terrace
Tel. PLainfield 7-0182

RELIABILITY BEGINS WITH

CONTROL®

A DIVISION OF MAGNETICS INC.
DEPT. BR-89, BUTLER, PENNSYLVANIA

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Magnetics, Inc.
(Regional Sales Off.)
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Tel. White Plains 6-7777

N.Y.-(north) Buffalo
Robert F. Lamb Co.
3407 Delaware Avenue
Tel. TR. 6-3757

OHIO-Cincinnati 45,
George Drysdale
(A. R. Satullo Co.)
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Tel. PLymouth 2-6683

OHIO-Cleveland 20,
Martin-Rettger, Inc.
11955 Shaker Blvd.
Tel. SWeetbrier 1-8787

PA.-Pittsburgh 35,
Russell F. Clark Co.
10517 Lindberg Ave.
CHurchill 2-9500

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B. Freudenberg, Inc.
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– from one of the nation's *largest vacuum-melting installations*

Precision Resistance, Electronic and Mechanical Alloys In –

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- RIBBON
- STRIP
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Resistance Alloys:
ALCHROME®
TOPHET® A, C, D
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NIRON® 52
NIROMET® 46

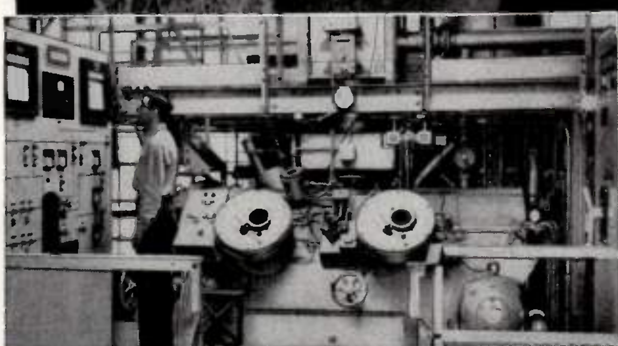
Filament and Grid Alloys:
COBANIC®
MAGNOCARB®
MANGRID®
PERMOCARB®
PERMAGRID®
MODIFIED HILO®
CUPROCHROME®

Vacuum Tube Materials:
CARBONIZED NICKEL
CARBONIZED NICKEL-CLAD STEEL
ALUMINUM-CLAD STEEL
CATHODE ALLOYS

Thermocouple Alloys:
TOPHEL®-NIAL® (Type K)

Corrosion Resisting and Mechanical Alloys:
BERALOY®
NILSTAIN®
MONEL*
INCONEL*

*T. M. International Nickel Co.



WBD vacuum-melted metals are providing the answer to increasing demands for entirely new alloys. New applications in missiles, rocketry, nucleonics and aircraft call for the creation of new alloys . . . new metals, new highs in degree of purity, alloys subjected to the selective removal of certain materials.

WBD research and production facilities are available to help industry work out special problems requiring these custom alloys. This integrated service provides complete development and manufacturing departments and features one of the nation's largest vacuum-melting installations. Over 40 years of experience in melting and manufacturing precision alloys is at your service. Consult our Sales Engineering Department for information on custom alloy service.

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SUBSIDIARY: WESTERN GOLD AND PLATINUM CO., 525 Harbor Blvd., Belmont, Cal.

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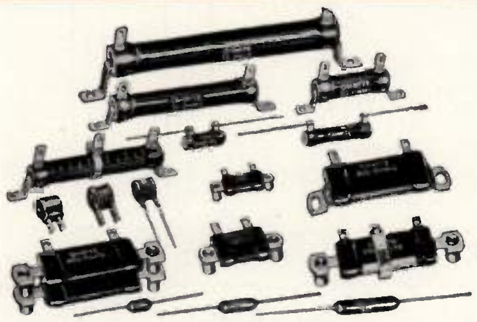
* Warehouse

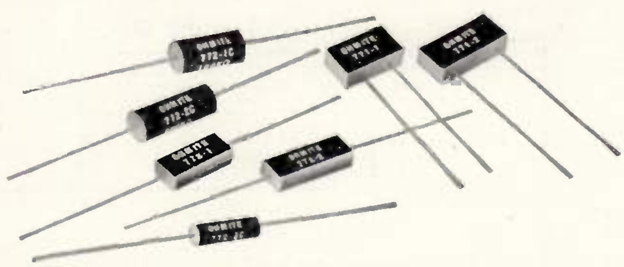
INDUSTRY-PREFERRED COMPONENTS

catalog and engineering manual 58

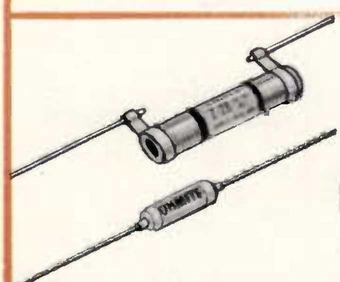


VITREOUS-ENAMELED RESISTORS Tremendous variety of types and sizes. Fixed, adjustable, tapped, noninductive, and precision resistors available in a wide range of wattages and resistances. Complete range of sizes and resistance values available from stock. Also available to meet MIL-R-26C requirements.

INSULATED RESISTORS, WIREWOUND POWER-TYPE Insulated units with "Ohmicone" silicone-ceramic molded covering. Now available in 1-watt (2 physical sizes), 3, 5, 7, and 10-watt sizes. Tolerances: 0.1%, 0.25%, 0.5%, 1%, 3%. Maximum resistance: 1-watt, 4500 or 6500 ohms; 3-watt, 10,000 ohms; 5-watt, 25,000 ohms; 7-watt, 30,000 ohms; 10-watt, 51,100 ohms. Many 1% stock values selected from MIL Standard MS90169, MIL-R-10509 and Bell Telephone Laboratories.



METAL FILM PRECISION RESISTORS Wattage ratings at 125°C and 150°C ambient; excellent high frequency characteristics; low temperature coefficient of resistance. Long-term load and shelf stability. Styles to meet MIL-R-10509C and MIL-R-19074B (Ships). Many 1% stock values selected from MIL Standard MS90169, MIL-R-10509 and Bell Tel. Labs.



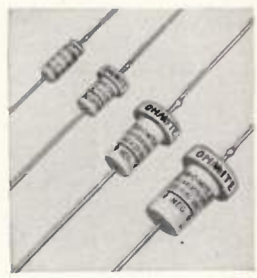
R. F. CHOKES Radio-frequency chokes in seven stock sizes for 3 to 520 megacycle applications. Single-layer wound. Other single-layer chokes and vitreous-enameled chokes can be made to order.

ALL EIGHT MIL-S-19500B GOLD-BONDED TYPES

GERMANIUM DIODES Gold whisker wire welded to Germanium pellet. General-purpose and computer types (1 to 4 characteristics). Special computer type (10 characteristics). Hermetically sealed in glass. Stock and made-to-order.

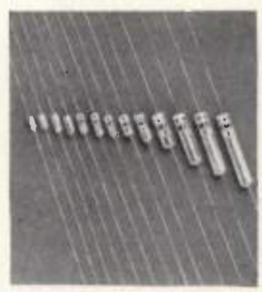
TANTALUM CAPACITORS

POROUS Slug, Series TS —3 MIL case sizes from 1.7 to 330 mfd. Working voltages to 125. Design and construction meet MIL-C-3965B, Grade 3, Styles CL-44, 45, 64, and 65. High temperature units operate −55°C to +125°C.



FOIL, Series TF—Available in all 5 MIL case sizes from .25 to 580 mfd. Working voltage to 150 volts. For −55°C to +85°C operation. Polar and nonpolar units. Available for vibration ranges 0-55, 0-500, and 0-2000 cps. Meets MIL-C-3965B. Styles CL-24 and 34 and CL-25 and 35.

WIRE, Series TW—Available in thirteen subminiature sizes; .01 to 80 mfd over-all capacitance range. Smallest size .060 x .150 inch; largest .134 x .812 inch. Insulated units standard. Working voltages to 150 volts.



OHMITE MANUFACTURING COMPANY

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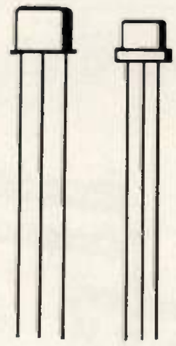
One Dependable Source For All Your Transistor Needs

Now you can get a full line of germanium alloyed-junction and diffused-base transistors as well as NPN double-diffused silicon mesa types from one reliable source ■ Highest quality and long semiconductor life are assured through detailed reasearch, careful product development and advanced production techniques. Complete specifications, engineering life test data and design curves are available on all General Instrument transistors, including the representative types listed here ■ Call the General Instrument sales office or franchised distributor nearest you or write today for Catalog SR-2099 to General Instrument Semiconductor Division, 65 Gouverneur Street, Newark 4, New Jersey.



TRANSISTORS

GERMANIUM

Computer Types (PNP and NPN)	
2N315	2N425*
2N315A	through
2N316	2N428*
2N316A	2N438
2N317	2N439
2N317A	2N440
2N356	2N444A
2N356A	2N445A
2N357	2N446A
2N357A	2N447A
2N358	2N519A
2N358A*	2N520A
2N388*	2N521A
2N396	2N522A
2N396A*	2N523A
2N404*	2N578
2N413	through
2N414	2N582
2N416*	2N585
2N417*	2N1000

Drift Types PNP
2N602
2N603
2N604
2N643
2N1065
2N1670
2N1678

Photo Transistors
2N1392
2N469A
2N1393
2N1394

2N1012	through
2N1090	2N1309
2N1091	2N1605
2N1302	(GT1658)

MAT®** PNP
2N393*
2N1122
2N1122A
2N1411*

MADT®† Types PNP
2N499*
2N501
2N501A*
2N502
2N502A
2N503
2N504
2N588

High Voltage Types (PNP)	High Voltage Types (NPN)
2N398	2N1310
2N1408	2N1672
(GT34HV)	(GT1200)

Bilateral Types (PNP)	Bilateral Types (NPN)
2N592	2N594
2N593	2N595
	2N596

Audio Types	
2N43A*	through
2N44A*	2N467*
2N331*	GT81
2N464*	GT109

SILICON

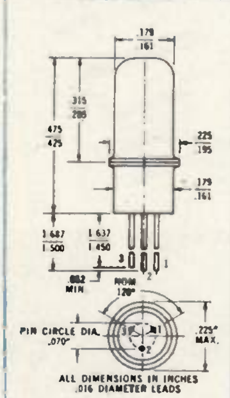
NPN MESA Types		
2N696*	2N706A	2N1410
2N697*	2N1252	2N1410A
2N698	2N1253	2N1837
2N699	2N1409	2N1837A
2N706	2N1409A	

TUNNEL DIODES

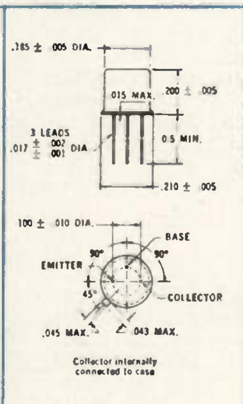
GERMANIUM	
TD5	TD7
TD5A	TD7A
TD6	TD8
TD6A	TD8A

**® MICRO ALLOY TRANSISTOR, T M PHILCO CORP.
†® MICRO ALLOY DIFFUSED-TRANSISTOR, T M PHILCO CORP.
*MILITARY TYPES. COMPLETE LIST ON REQUEST

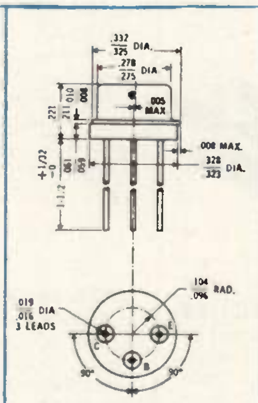
TRANSISTOR CASE OUTLINES



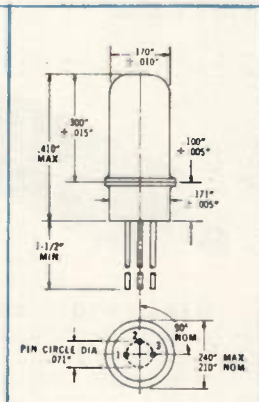
CASE TO 24



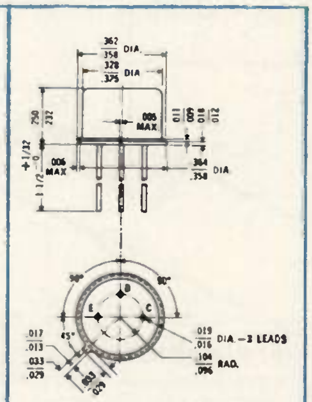
CASE TO 18



CASE TO-9



CASE TO 1



CASE TO-5

One Dependable Source For All Your Semiconductor Needs

In addition to a complete line of silicon power rectifiers and silicon and germanium diodes, General Instrument also makes encapsulated circuit modules to fit any electrical or physical requirements ("Circuit-Caps"), precision wire-wound resistors and microminiature computer logic circuits ("Nanocircuits") ■

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GENERAL INSTRUMENT SEMICONDUCTOR DIVISION

One Dependable Source For All Your Diode Needs

All General Instrument silicon diodes and germanium glass diodes are designed for long life and highest reliability in critical military and industrial applications. They exceed the most rigid requirements of mechanical, electrical, moisture-resistance and thermal-stability specifications ■ For details on the full line, write for Catalog SR-1045B.

GERMANIUM DIODES

General Purpose Types				Types Designed to Meet JAN Specs		High Conductance Types	High Temperature Types	Computer Types
1N67A	1N95	1N99A	1N118A	1N126A	1N270	1N270	1N277	1N191
1N68A	1N96	1N100A		1N127A	1N276	1N281		1N192
1N89	1N97A	1N116A		1N128	1N277			
1N90	1N98A	1N117A		1N198				

SILICON DIODES

All Purpose Types	General Purpose Types	Types Designed to Meet JAN Specs	Fast Recovery Types		Ultra-Fast Recovery Types	High Conductance Types		
1N658* 1N891 1N892 1N893 DR999	1N456 1N461 1N462 1N463 1N464	1N457 1N458 1N459	1N625 through 1N629 1N643* 1N645* through 1N649*	1N658* 1N659 1N660 1N661 1N662* 1N663*	1N903 1N914 1N914A 1N916 1N916A	1N482 1N482A 1N482B 1N483 1N483A 1N483B	1N484 1N484A 1N484B 1N485 1N485A 1N485B	1N486 1N486A

*MILITARY TYPES. COMPLETE MILITARY LIST ON REQUEST

SILICON ZENER DIODES

250 Milliwatts		400 Milliwatts		1 Watt			3.5 Watts		10 Watts	
1N704	1N730	1N746	1N754	1N1518	1N1522	1N1526	1N1588	1N1594	1N1808	1N1358
1N708	1N735	1N748	1N756	1N1519	1N1523	1N1527	1N1589	1N1595	1N1351	1N1359
1N713	1N738	1N750	1N758	1N1520	1N1524	1N1528	1N1590	1N1596	1N1352	1N1360
1N718	1N745	1N752	1N759	1N1521	1N1525		1N1591	1N1597	1N1353	1N1361
1N725	1N761						1N1592	1N1598	1N1355	1N1362
							1N1593		1N1357	

One Dependable Source For All Your Rectifier Needs

General Instrument silicon power rectifiers are designed to exceed the most stringent requirements for reliability and performance in military and industrial applications ■ The wide range of General Instrument rectifier types, some of which are listed here, includes: top hats, 7/16"-hex medium-power studs, high-power diodes, plastic-encapsulated units, 7/16"-hex high-power studs, 11/16"-hex high-power studs, insulated studs, all JAN top hats, rectifier stacks, high-voltage cartridges, and custom packages for special needs.

SILICON RECTIFIERS

General Purpose Types				Types Designed to Meet JAN Specs	Magnetic Amplifier Types		Power Supply Types			High Power Silicon Diode/Rectifiers Designed to Meet USAF Specs
1N248 1N248A 1N249 1N249A 1N250 1N250A 1N536 1N537 1N539 1N550 through 1N555 1N599A 1N600A	1N601A 1N602A 1N604A 1N605A 1N606A 1N607A 1N608A 1N609A 1N610A 1N611A 1N612A 1N613A 1N614A	1N676 1N677 1N678 1N679 1N681 through 1N687 1N689 1N846 through 1N889 1N1095 1N1096 1N1100	1N1101 through 1N1105 1N1487 through 1N1492 1N1692 through 1N1697 1N2080 through 1N2086 1N2512 through 1N2517	1N253 1N254 1N255 1N256 1N538 1N540 1N547 **High Voltage Cartridges** 1N1731* 1N1733* 1N1734*	1N332 1N333 1N334 1N335 1N336 1N337 1N338 1N339 1N340 1N440 1N441	1N442 1N443 1N444 1N445 1N440B 1N441B 1N442B 1N443B 1N444B 1N445B	1N341 through 1N349 1N530 through 1N535 1N560 1N561 1N562 1N563 1N599 through 1N614	1N1115 through 1N1120 1N1124 through 1N1128 1N1199 through 1N1206 1N1341 through 1N1348	1N1581 through 1N1587 1N1612 through 1N1616 1N1254 through 1N2160 1N2793 through 1N2800	1N645 1N646 1N647 1N648 1N649 MP Hi Temp. Series MP100 MP225 MP300 MP400 MP500 MP600

Packaged Assemblies

General Instrument will package transistors, diodes and rectifiers in any configuration, including "Nano-circuits" ■ Complete circuit encapsulations, featuring compactness and extremely rugged construction with exceptional reliability, have long been made in our extensive packaging facilities. Numerous configurations are available off the shelf ■ Also available are such other standard devices as: high voltage silicon rectifier assemblies, silicon rectifiers and modulator quads ■ Write for brochure entitled: "Circuit-Caps."

GENERAL INSTRUMENT CORPORATION Semiconductor Division, 65 Gouverneur Street, Newark 4, N.J.

♦ TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

New miniature ceramic trimmer—the smallest ceramic disc trimmer on the market • Style 538—3/8" diameter

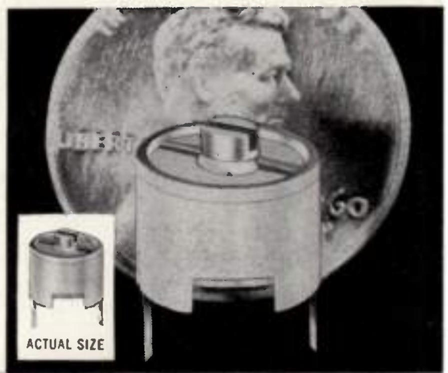
Ideal for missile and other high temperature applications, this ⅜-inch diameter trimmer operates through a temperature range of −55°C to +125°C.

ERIE's new Style 538 is designed for printed circuitry as well as conventional circuitry.

CAPACITANCE: NPO; 2pf-8pf and 5.5pf-18pf — N500; 3pf-10pf and 8pf-25pf
N300; 2.5pf-11pf and 7pf-25pf — N650; 3pf-10pf and 9pf-35pf

WORKING VOLTAGE: 200 VDCW

ALSO AVAILABLE: ceramic trimmers with capacities ranging from 1.5 to 50 pf; custom designed assemblies containing up to 25 or more trimmers (for printed or conventional circuitry); and self-locking ERIE tubular trimmers in ceramic and high temperature polystyrene dielectrics.



NEW additions to the line of ERIE ELECTRONIC COMPONENTS

New miniature radial-lead tubular Ceramicons®

Two recent additions to the wide variety of ERIE's radial-lead capacitors are Style 374 and 375.

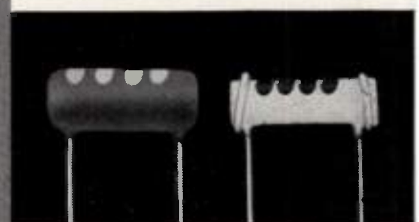
Style 374 is an enamel coated capacitor only .320" long and .125" diameter.

Style 375 is a dipped phenolic coated capacitor only .330" long and .140" diameter.

Both styles are available in the full range of Temperature-Compensating and Hi-K dielectrics.

Capacitance: 2pf—5600pf

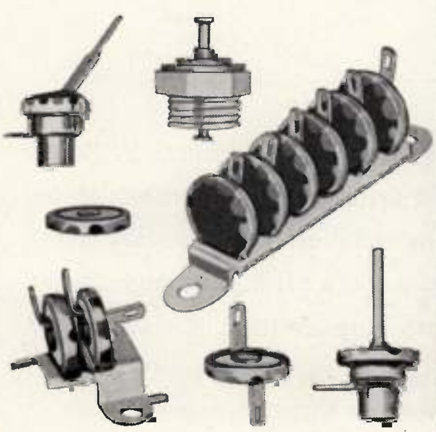
Working Voltage: 200 VDCW



New Erie Gold Seal Button® mica capacitors the world's finest UHF capacitor

At 200°C, this exciting new capacitor far exceeds requirements of MIL-C-10950. Finest in design and quality to assure maximum freedom from internal contamination. Welded full-hermetic seal plus gold-plating assure maximum conductivity and resistance to leakage even under the most severe environmental operating conditions. Operates perfectly at temperatures from −55°C to +200°C at 500 VDCW. Capacities: 15pf to 2500pf.

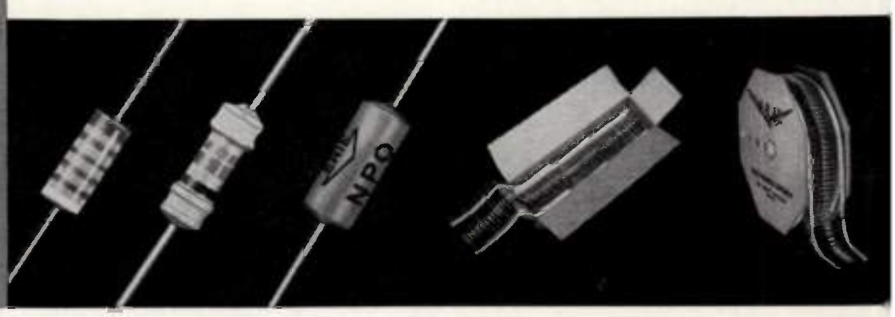
Also standard ERIE BUTTON MICA CAPACITORS in capacities from 5pf to 8200pf. Wide range of stand-off and feed-through types, mountings, and styles. Exceed MIL-C-10950 specs.



Erie Axial-Lead Tubular Ceramicons®

Seven types available: 309, 310 (lacquer-coated), 312 313, 314, 315, and 316 (molded). Full range of Temperature-Compensating and General Purpose dielectrics, with capacitance range from 0.5pf to 0.01mf. Operate in −55°C to +150°C ambient range.

FOR AUTOMATED ASSEMBLY methods, all axial-lead CERAMICONS can be supplied in reel or ribbon pack, as well as in bulk pack. Exceed MIL-C-20 and MIL-C-11015 specs., EIA RS-198, RS-165, SMC-1 and ERIE high-reliability spec. 900 where applicable.



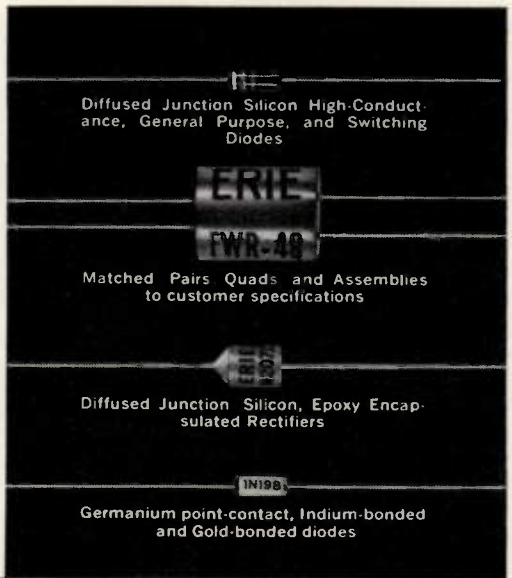
Erie Semiconductor Devices

NEW! The high-conductance, fast-switching, low-cost ED 1873 and ED 1904 germanium diodes are for both military and industrial computer and control applications. These units join the select group of Erie Specialized Application Diodes that have been custom designed to precise customer requirements and later have found industry-wide acceptance. This group includes the ED 1806, 1825, 2015, 2016, 2017, 2018 and many others. Information regarding the special application types is available by return mail.

COMING SOON—A 1500 volt, 1 amp, glass package silicon rectifier.

MIL DIODES—JAN 1N126A, 1N127A, 1N128A, 1N198, 1N270, 1N276, 1N277 and 1N281 are available to MIL-E-1D. Also available are types 1N198B, 1N933 and R-275.

Electron Research, Inc., Division of Erie Resistor Corp., manufactures over 600 individual types of germanium and silicon diodes and rectifiers. Also available is a standard line of silicon diode packaged assemblies with ratings of .3 to 4.0 amperes at working voltages between 200 and 1500 volts. Further special assemblies of germanium and/or silicon diodes and rectifiers are available packaged as matched pairs, quads, half and full wave rectifiers, doublers, etc., designed to specific customer requirements.



Diffused Junction Silicon High-Conductance, General Purpose, and Switching Diodes

Matched Pairs Quads and Assemblies to customer specifications

Diffused Junction Silicon, Epoxy Encapsulated Rectifiers

Germanium point-contact, Indium-bonded and Gold-bonded diodes

NEW Erie Wee-Cons

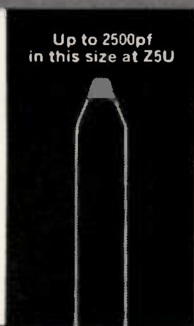
. . . Sub-miniature plate capacitors.

Sub-miniature size and rectangular shape allows a higher component density on printed circuit boards.

Dipped Phenolic Coated
TC and Hi-K Dielectrics

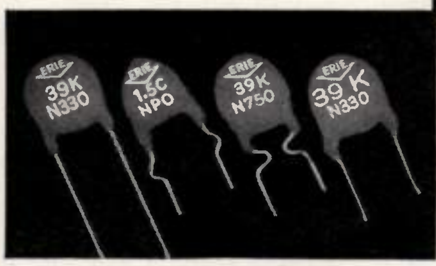
WORKING VOLTAGE: 200 VDCW

CAPACITANCE: 6pf to .05 mf



Up to 2500pf in this size at Z5U

Style	4805	4815	4825	4835	4845	4855
Max. Size	.150 x .150	.200 x .200	.300 x .300	.400 x .400	.500 x .500	.600 x .500
Thickness	.100"	.100"	.100"	.100"	.150"	.150"
Capacitance	6pf to 3300pf	11pf to 6200pf	25pf to 13,500pf	48pf to 25,000pf	76pf to 40,000pf	90pf to 49,600pf



Erie Capacitors

STANDARD DISC CERAMICONS®—Your choice of wire leads, Wil-lok or plug-in terminals, or kink leads. Operating temperature range available: −55°C to +125°C. MIL-C-20, MIL-C-11015 qualification approvals. Conform to EIA RS-198, RS-165, SMC-1 and ERIE high-reliability spec. 900 where specified.

CAP.: .5pf through 0.1mf

TOL.: ± .25pf to GMV

TC DIELECTRIC: P120 through N5600

HI-K DIELECTRIC: X5F, Z5D, W5F through X5V

NEW Super NPO Discs . . .

- **Twice the capacitance for given diameter**
- **± 20 PPM temperature coefficient tolerance**
- **Higher life-test voltage endurance at 85°C or 125°C**

Designed around a revolutionary new dielectric developed by Erie, SUPER NPO Ceramicons provide electronic performance superior to dipped silvered mica capacitors, yet are generally lower in price . . . and may be only half the size.

CAPACITY: 1.4 pf through 270 pf.

CAPACITY TOLERANCE: 10pf and below ±0.1pf, ±0.25pf, ±0.5pf, ±1.0pf, and ±2.0pf. Above 10pf ±5%, ±10%, and ±20%.

Q FACTOR: 1000 Min., 30pf and above. Below 30pf, Q decreases in a straight line function from 1000 at 30pf to 400 at 1pf.

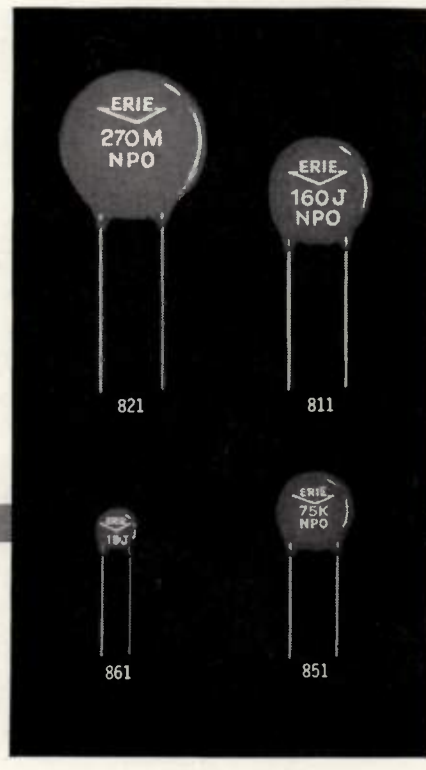
INSULATION RESISTANCE: 10,000 Megohms Min.

WORKING VOLTAGE: 500 VDC through 6000 VDC.

FLASH TEST: 1500 VDC for 500 VDC rated capacitors.
2X VDC rating for 1000 VDC or higher rated capacitors.

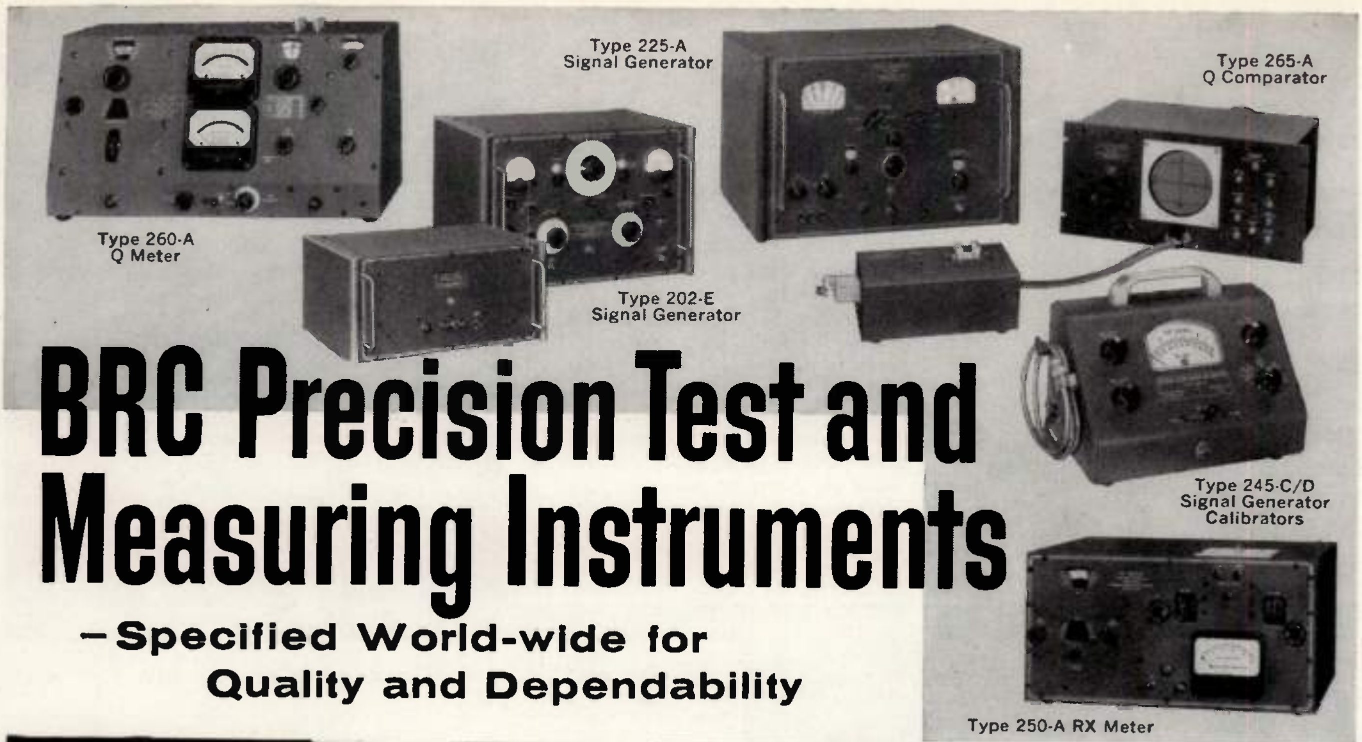
LEADS: Heavy solder coated meeting the requirements of EIA RS178.

INSULATION: Phenolic, vacuum wax impregnated.



ERIE ELECTRONICS DIVISION
ERIE RESISTOR CORPORATION
644 West 12th Street • Erie 6, Pennsylvania
Sales Offices in principal cities of USA, Canada, Europe

Erie Capacitors and Diodes are also available in quantities under 1,000 pieces from leading electronic distributors.



BRC Precision Test and Measuring Instruments

—Specified World-wide for Quality and Dependability

Q Meters

TYPE	FREQ. RANGE	Q RANGE	TUNING CAP. RANGE	Q ACCURACY	PRICE
260-A	50KC to 50MC	10 to 625	30 to 460$\mu\mu$f	5% to 30MC	$ 925.00
190-A	20 to 260MC	5 to 1200	7.5 to 100$\mu\mu$f	7% to 100MC	$ 975.00
280-A	210 to 610MC	10 to 25000	4 to 25$\mu\mu$f	± 20%	$2375.00

Q Comparators

TYPE	FREQ. RANGE	Q RANGE	L RANGE	C RANGE	R RANGE	PRICE
265-A	200KC to 70MC	30 to 500	.15μh to 15mh	5$\mu\mu$f to .01μf	500Ω to 20MΩ	$795.00

FM-AM Signal Generators

TYPE	FREQ. RANGE	OUTPUT RANGE	FM MOD.	AM MOD.	PRICE
202-E	54 to 216MC	0.1μv to 0.2 v	0 to 240KC	0 to 50%	$1125.00
202-G	195 to 270MC	0.1μv to 0.2 v	0 to 240KC	0 to 100%	$1100.00
225-A	10 to 500MC	0.1 μv to 0.1 v	0 to 60KC	0 to 30%	$ 945.00

Sweep Signal Generators

TYPE	FREQ. RANGE	OUTPUT RANGE	SWEEP RANGE	AM MOD.	MARKERS	PRICE
240-A	4.5 to 120MC	1μv to 0.3v. Sweep 1μv to 0.1v. CW & AM	±1% to ±30% of center freq.	30%	crystal and pip.	$1820.00

Aircraft VOR/ILS Signal Generators

TYPE	FREQ. RANGE	OUTPUT RANGE	MODULATION	MODULATING FREQ.	PRICE
211-A	88 to 140MC	0.1μv to 0.2v.	0-100% AM	400 & 1000 cps	$1890.00
232-A	329.3 to 335MC	1μv to 0.2v.	0-100% AM	90/150 & 1000 cps	$1990.00

Aircraft DMET/ATC Test Set

TYPE	FREQ. RANGE	OUTPUT RANGE	POWER RANGE	PRICE
235-A	960 to 1215MC	−10 to −100 dbm	+17 to +33 dbw	$3950.00

Transistor Test Set

TYPE	α RANGE	β RANGE	H ib RANGE	PRICE
275-A	0 to 0.9999	0 to 200	0.30 to 3000Ω	$935.00

RX Meters

TYPE	FREQ. RANGE	R RANGE	C RANGE	L RANGE	PRICE
250-A	500KC to 250MC	15Ω to 100,000Ω	0 to 20$\mu\mu$f	0.001μh to 100mh	$1525.00

Signal Generator Calibrators

TYPE	FREQ. RANGE	CALIBRATED INPUT	CALIBRATED OUTPUT	% AM RANGE	PRICE
245-C	500KC to 1000MC	0.025, 0.05, 0.1v	5, 10 or 20μv	10-100%	$390.00
245-D	500KC to 1000MC	0.025, 0.05, 0.1v	0.5, 1.0, or 2.0μv	10-100%	$385.00

Univerters

TYPE	FREQ. RANGE	OUTPUT RANGE	FM MOD.	AM MOD.	ACCESSORY TO:	PRICE
207-E	100KC to 55MC	1μv to 0.1v.	0 to 240KC	0 to 50%	202-E	$430.00
207-G	100KC to 55MC	1μv to 0.1v.	0 to 240KC	0 to 100%	202-G	$520.00
203-B	100KC to 25MC	1μv to 0.1v.	0 to 15MC	30%	240-A	$420.00

BRC Precision Test Equipment is engineered and manufactured to the highest standards of the industry—standards that have made the BRC trademark a recognized symbol of precision and dependability throughout the world. Highly qualified representatives—specialists in electronic test equipment—stand ready to solve customer problems in every major foreign and domestic area. Write today for the illustrated BRC catalog.

Precision Electronic Instruments since 1934

Boonton Radio Corporation
BOONTON, NEW JERSEY, U.S.A.

A Subsidiary of Hewlett-Packard Company

Type F: Miniature 12-position, 30-60° throw, can be mounted in 1-5/16" circle; phenolic, Mycalex or steatite.

Type H: Standard 12-position; 1-7/8" diameter; 15-30-60° throw; phenolic, Mycalex or steatite.

Types J, K, N: 1-17/32" diameter; provides for flexibility of layout; interchangeable sections, phenolic or steatite.

Type L or DL: Using dual eyelet fastening; 18-position; mounts in 2-9/32" circle, phenolic, Mycalex.

Special Switches

Multiple Shafts combined to operate snap switches and potentiometers; many different section types.

Type MF: 24-position switch may be mounted in 2-5/16" circle; in phenolic insulation.

Series 20: Simple switch for tone controls, band switching, and talk-listen circuits.

For Printed Circuits: Special lug design for insertion into printed circuit boards.

an INFINITE VARIETY from standard parts

Creative engineering *Quality Components*

• No matter what you need in low-current switches, you are most sure to find it in an OAK switch design. In the last 25 years, OAK has produced over a quarter billion switches—rotary, slider, pushbutton, plug, and door switches—in thousands of variations. Why not take advantage of OAK's unmatched, switch engineering background . . . production facilities . . . and huge inventory of tooling?

WRITE FOR **your copy of the OAK Switch Catalog which covers the most popular of OAK's standard switches.**

OAK MANUFACTURING CO.
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telephone: Crystal Lake 459-5000

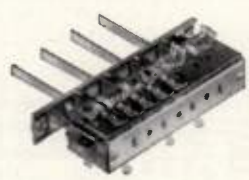
Appliance Controls • Choppers • Rotary Solenoids • Subassemblies
Rotary and Pushbutton Switches • Television and FM Tuners • Vibrators

Type 160 Rotary Slider: 7/8" height allows shallow chassis; leads are readily accessible.

Type 185: New lever-operated version of the standard Oak rotary switches.

Type 130 Pushbutton: Available with from one to 24 buttons, 32 contacts each button.

Type 80 Pushbutton: Very adaptable. Used in communication equipment; economical for less complex applications.



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IMMEDIATELY AVAILABLE FROM EG&G

CERAMIC-METAL HYDROGEN THYRATRONS

Long-lasting, miniature thyratrons for compact modulator design in missile, airborne and ground-based applications. Ruggedly built . . . withstand severe shock, vibration and temperature extremes . . . functionally replace most glass-envelope tubes.

CERAMIC-METAL HYDROGEN DIODES

High-power, high-voltage, hydrogen-filled diodes for use as grid-controlled rectifiers, hold-off diodes, inverse clippers and back-swing clippers. Compact, light, rugged . . . withstand severe shock, vibration and temperature extremes.

CERAMIC-METAL, GLASS-METAL, TRIGGERED SPARK GAPS

Compact, low-cost spark gaps designed for electronic crowbar and high energy switching operations. Low trigger energy requirement, fast follow-through after trigger pulse, unaffected by atmospheric conditions, zero filament power requirement. Ruggedly built to withstand severe shock, vibration and temperature extremes.

TRANSFORMERS, POWER SUPPLIES

EG&G is outstandingly well staffed and equipped to design and produce custom-built transformers, chokes, magnetic amplifiers, DC to DC converters, pulse transformers and power supplies for military or commercial use . . . and trigger transformers for all types of flash tubes.

Full technical information on all products available on request.

Edgerton, Germeshausen & Grier, Inc.

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EG&G milli-mike® INSTRUMENTS

EG&G's milli-mike instruments were the first and are, by a substantial margin, the most advanced in the field of submillimicrosecond recording and measurement.

MODEL 707 OSCILLOSCOPE

DC to 2000 Mc bandwidth . . . 0.2 millimicrosecond rise time . . . single transient and repetitive signal capability . . . sensibility: 55 mv/trace width. Small spot size, maximum resolution. Six calibrated sweep speeds: 5, 30, 100, 300, 1000 and 3000 millimicroseconds/cm. Easy to operate invaluable for measurement of diode recovery time, ultra-high-frequency phenomena and in many other applications.

MODEL 751 PULSE GENERATOR

All solid-state, transistorized, high-speed pulse generator produces positive pulses of fast rise time (less than 1 millimicrosecond). Repetition rate: 10 cycles to 100 kc. Output pulse width: 2 to 100 millimicroseconds. Pulse amplitude: 20 v. into 50 ohms approx. Operable in any position. Price: $285.

MODEL 850 CAMERA SYSTEM

Optimized, fully integrated system for photographic recording of the fastest transients at 1:1 magnification.

DIODE RECOVERY CABLE SYSTEM

Model 760, a complete system for accurate observation and measurement of diode recovery time in the millimicrosecond region. Controls and meter on front panel of sturdy metal case.

PULSE INVERTERS

Model TR-6 — coaxial-ferrite balun with excellent frequency response for converting 50 ohm single-ended to push-pull 100 ohm signals. Model 819 (for use with EG&G Model 751 Pulse Generator) to provide negative pulse output.

RADIATION MEASUREMENTS

Complete systems using EG&G detectors and Model 707 Scope . . . available for measurement of high-frequency pulsed radiation.

TRANSFORMERS, POWER SUPPLIES

EG&G is outstandingly well staffed and equipped to design and produce custom-built transformers, chokes, magnetic amplifiers, DC to DC converters, pulse transformers and power supplies for military or commercial use . . . and trigger transformers for all types of flash tubes.

Full technical information on all products available on request.

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EG&G ULTRA-HIGH-SPEED FLASH & PHOTO EQUIPMENT

XENON FLASH TUBES

As the world's leading designer since the 1930's, EG&G has developed complete, integrated lines of flash tubes and equipment for applications including: Deep-ocean photography, satellite tracking, test instrumentation, computer printing and readout, cloud chamber study, Laser stimulation, flash catalysis etc.

FX-1 2000 hcps per flash, lengths to 42".
FX-6A internally triggered, up to 1-billion flashes.
FX-27 subminiature size, internally triggered.
FX-29 high-energy tube max. input of 635 w.s.
Model 100, standard tube for Laser stimulators.

LASER STIMULATORS

These low cost, basic research tools provide highly efficient light sources with minimum power requirements. Close optical coupling between tube and crystal increases efficiency . . . EG&G Model 100 Xenon flashtube outperforms spiral tubes by 10:1. System consists of power supply, capacitor bank and Laser flashhead. Flashhead available with 4, 6 or 10 Xenon tubes to meet investigator's needs. Additional modular capacitor banks available.

MICROSCOPE FLASH ILLUMINATOR

Model LS-15 produces short duration, high intensity flashes for extreme close-up photography. Coolness of light permits live microscopy, e.g. photography of blood vessels in human eye without heat damage. Flash duration: 150 microseconds at 100 watt-seconds.

HIGH-SPEED FLASH EQUIPMENT

MICROFLASH

MICROFLASH for photography of bullets and other rapidly moving objects. Flash duration: 0.5 microsecond, peak light 50 x 10⁶ horizontal candlepower.

501 STROBOSCOPE for high-speed movies. Flash duration as low as 1.2 microseconds, rate up to 6000 pulses per second.

LS-1 AIRBORNE FLASH for night aerial photography. Light output: 635 watt-seconds. Up to 88,500 beam candlepower sec.

LS-10 MULTIFLASH permits superimposing many photographs on single negative. Modular units permit up to 15 exposures. Flash duration 1 microsecond. Rate up to 100,000 pps.

DOUBLE FLASH for short duration, double-exposure shadow or silhouette photography at accurately-timed intervals from 0 to 100 microseconds.

SUNFLASH approximates sunlight with slight filtering. Flash duration: 1/250 second to 1/10 of peak light; 10,000 watt-seconds per flash. Charging cycle 30 seconds.

MK VI SENSITOMETER ensures uniformity of repeated exposure to within 5%. Light closely approximates daylight.

RAPATRONIC CAMERA — magneto-optic shutter permits 0.8 microsecond exposures of self-luminous events.

CUSTOM-BUILT PULSE CIRCUITS AND FLASH MACHINES

Experience and facilities give EG&G unique capabilities for development of special-purpose equipment to suit the needs of particular applications.

Full information on all products and services available on request.

Edgerton, Germeshausen & Grier, Inc.

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PLASTIC FILM CAPACITORS

SOUTHERN ELECTRONICS CORP.

ORIGINATOR OF THE .1% TOLERANCE CAPACITOR

has long been a leader in the design and manufacture of precision capacitors, and has pioneered in supplying them for the most critical applications.

Unusual requirements in capacitance, tolerance, case size or configuration no longer need compromise your circuit designs.

ADJUSTABLE CAPACITORS with .01% tolerance, an exclusive SEC development, are but one of many outstanding contributions by SEC engineers.

TEFLON

Stability	Std. 0.5% drift in 1 year —65 to 170 C. Better stability on request.
Temp. Coefficient	Minus 200 PPM
Insulation Resistance	At 25°C—1,000,000 meg./mfd. At 125°C—300,000 meg./mfd.
Tolerance	As close as 0.1%
Dissipation Factor	.02% at 25°C
Dielectric Absorption	.01%
Temp. Range	Std. — —55°C to +160°C Ext. — —55°C to —200°C
Voltage Derating	None to 150°C

Hermetically sealed, with glass end seals. All standard mounting types and sizes available. Send for catalog showing sizes and styles.

TYPE TET

Hermetically sealed with glass end seals. More suitable for very close tolerances. Various mounting types available in a large selection of case sizes and types, at no extra cost.

TYPE TEB

METALLIZED MYLAR

Capacitance	.1 to any higher value.
Tolerance	±10% std. with ±1% available on some values.
Insulation Resistance	At 25°C—50,000 meg./mfd. At 85°C—1,000 meg./mfd. At 125°C—40 meg./mfd.
Voltage Rating	50 to 600 WVDC
Test Voltage	150% of rated voltage
Voltage Derating	None to 125°C
Temp. Range	—55°C to +125°C
Dissipation Factor	1.0% max. at 25°C

Hermetically sealed with glass end seals. All standard mounting types and sizes available. Send for catalog showing complete range of styles and sizes.

Type MMCT

Hermetically sealed with glass end seals. More suitable for very close tolerances and high capacitances. Various mounting types and case styles. Refer to catalog for complete range.

Type MMCB

MYLAR

Stability	Retrace, 0.2%. Long time, 0.1%
Temp. Range	—55°C to +125°C
Temp. Coefficient	minum 6% from 25C to —55C plus 2% from 25°C to —85°C plus 12% from 25°C to +125°C
Voltage Derating	None to 85°C. Up to 50% to 125°C
Tolerance	As close as ±0.5%. Standard ±10%
Dissipation Factor	0.6% at 25°C
Insulation Resistance	At 25°C—100,000 meg./mfd. At 85°C—2,000 meg./mfd. At 125°C—50 meg./mfd.

Hermetically sealed. Glass end seals. All standard mounting types and sizes available. Refer to catalog for complete listing of sizes and styles.

Type MCT

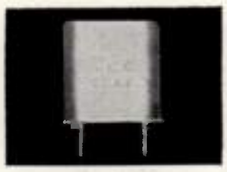
Hermetically sealed with glass end seals. More suitable for very close tolerances. Large selection of mounting types available, with many case sizes and styles at no extra cost.

Type MCB

Hermetically sealed with glass and seals. Plug-in jacks on 3/4" centers. Various values and sizes available. Used in analog computers and bridge standards.

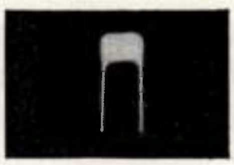
Type MCP

Hermetically sealed. Crystal can type, either plug-in or with wire leads. Plug-in type available from .001 to 5.0 mfd. Standard tolerance is ±10%, with 1% available.



Type CCA

Non-metallic case of epoxy resin. Ideal for encapsulation and printed circuit applications. Excellent insulation and moisture resistance. Write for complete size information.



Type MD

Hermetically sealed. High voltage type available in a wide selection of case styles and sizes. For type and size specifications let us know your requirements.

Type MCHV

POLYSTYRENE

Stability	Less than 0.1% drift in 1 year.
Dielectric Absorption	0.02%
Insulation Resistance	At 25°C—1,000,000 meg./mfd. At 85°C—30,000 meg./mfd.
Tolerance	As close as 0.1% in many types
Dissipation Factor	.04% max. at 25°C
Temp. Range	Standard — —55°C to +60°C Ext. —55°C to +85°C
Temp. Coefficient	Minus 100 PPM/C ±20 PPM
Voltage Derating	None to 85°C

Hermetically sealed. Glass glass end seals. All standard mountings and sizes available. Write for catalog showing complete range of styles and sizes.

Type PCT

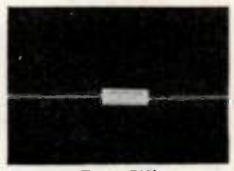
Hermetically sealed. Glass end seals. More suitable for close tolerances. Various mounting types available in wide range of sizes and styles at no additional cost.

Type PBC

Capacitance adjustable to ± 1½% of rated value. Available in hermetically sealed case (SEC Pat.) or non-hermetic. Many mounting types available at no additional cost.

Type PCA

Non-metallic case of Polyester film. Epoxy end-fill maintains high insulation and moisture resistance. Available in round, flat or oval types. Write for complete size information.



Type PW

Hermetically sealed with glass end seals. Plug-in jacks on 3/4" centers. Wide selection of values and sizes available. Ideal for use in analog computers, bridge standards and differential analyzers.

Type PCP

Hermetically sealed decades. Available in ranges .001 to .01; .01 to .1 uf; .1 uf to 1 uf and 1 uf to 10 uf. Also .001 to 1 uf in one box with dials and switches. Highest standards maintained throughout.

Type PCD

SOUTHERN ELECTRONICS CORP.

150 WEST CYPRESS AVE. VICTORIA 9-3193 BURBANK, CALIF.

ORTHO COMPONENTS FOR DEFENSE AND INDUSTRY!

of Ortho Filter Corporation

TOROIDS—In addition to standard toroid features, O. F. C. units have: • Winding to minimize distributed capacity. Coil may be used at higher frequencies with higher "Q" factors. • Winding to inductance value on self-calibrating winding equipment yielding 1% units as standard tolerance at no cost premium for core calibrating, etc. • Availability of waxed, encapsulated, encased or taped units • Complete line of stock core sizes. Fast delivery on special orders • Facilities for winding from #6 to #50 AWG wire.

VARIABLE RF ATTENUATORS—These rotary adjustable variable attenuators are extremely accurate over wide frequency range. Available as individual unmounted units or in various combinations on rack-mounted panels, featuring: • Gold contacts • Resistive networks that function from DC to 250 MC • Each resistor mounted in cavity. This eliminates reactive components over the unit's useful frequency range • Conservatively rated. Guaranteed for full year under normal conditions.
SWR at 100 MC 1.01 max. Available .01, .1, 1.0 and 10.0 db/step.

MAGNETIC AMPLIFIERS—Built to customer specifications, Ortho Filter's high voltage and high temperature units feature: • Use from microwatt to kilowatt ratings • Special test procedures to insure excellent balance and minimum null voltages • Tape wound toroids and cut cores stacked to facilitate low cost prototypes promptly • Controlled winding techniques that guarantee uniformity with respect to distributed capacity and leakage inductances.

ANTENNA FILTERS • Cutoff frequency range up to 450 MC • Attenuation of 40 to 90 db over stop band • Insertion loss less than 1.0 db over entire pass band • VSWR less than 1.5 over entire pass band • Designed to your size, weight, termination, power and impedance specifications • Slope of cutoff 60 db at 1.2 of cutoff frequency.

FILTERS AND NETWORKS — Complete line of passive and active filters for use from DC to 1000 MC. LC and crystal types manufactured to customer requirements. Advanced design methods permit rapid delivery of prototypes using minimum circuit elements. Construction in accordance with MIL-F-18327A.

om Ortho Magnetics Inc.

Transformers

Complete facilities for all types of power and communication transformers. Ortho Magnetics specializes in balanced, hybrid, modulation and bridge transformers. Open frame, encapsulated and metal encased construction to all grades of MIL-T-27A. Provisions for in-plant testing.

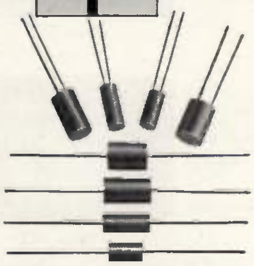
orel Ortho Reliability Environmental Laboratories Inc.

Test Facilities

Environmental test facilities for high and low temperature, shock, vibration and humidity. Life testing racks for resistors, capacitors and iron core components. Tests conducted in accordance with applicable military specifications.

opr Ortho Precision Resistors Inc.

Wire Wound Resistors



Specializing in the production of stable, reliable, precision wire wound resistors. Resistance change of only a few parts per million per year. High reliability with accuracies from 0.001% to 1.00% are available. Stock resistors are available with either axial or radial leads. Special terminals upon request.

RESISTANCE RANGE	0.1 ohm to 5 megohms
WATTAGE RANGE	0.1 watt to 2 watts
STANDARD T. C.	±5 PPM above 100 ohms
SPECIAL T. C.	upon request

Matched sets, dividers, networks and AC resistors available.

oc Ortho Crystal Inc.

Complete range of crystal filters from 1 KC to above 30 MC. Single sideband, band pass and band elimination crystal filters.

Write for complete technical data.

oi ortho industries inc.

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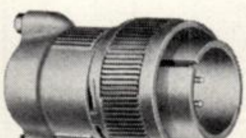
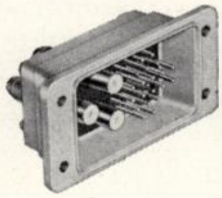
GENERAL CIRCUITRY AND QUICK DISCONNECT MS Series, MS Types, K Series. MS plugs meet MIL-C-5015; include environmental resistant types, and feature low cost, uniform quality, interchangeability, and wide variety of contact arrangements. A wide variety of shell sizes and types are available to meet all general-purpose applications. The K Series are lightweight, rugged, all-purpose plugs—have many of the features of the MS Series. The K line features a special Acme threaded coupling. Crimp snap-in contacts are available in some MS types.

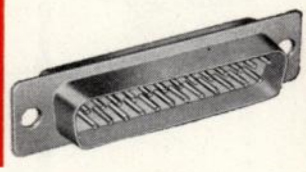


RACK/PANEL Dual panel rectangular plugs have a wide variety of contact arrangements and shell sizes. Rectangular shape increases insert area utilization, simplifies assembly, provides maximum flexibility for module or unit plug-in applications. Available in environmental resistant types; coaxial and high voltage contacts, solder or crimp snap-in.

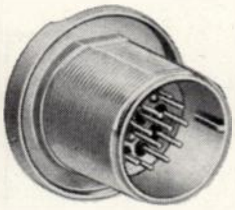


AUDIO AND LOW LEVEL CIRCUITS P, XLR, XK, O, UA Series for all low level sound requirements. Full line of plugs for all requirements of microphone, radio, television, tape recorders, computers, control devices, and many other applications. In many shell sizes and contact layouts, coaxials. Latch-lock types, wall mounting, panel, locknut mounting, and adapter receptacles. Line includes the deluxe streamlined XLR Series.

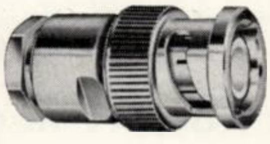
MINIATURE SERIES KQ/KR, KM, K-Miniature, DPA, DPX, Golden-D. *Circular Miniature Plugs* designed for aircraft, missile and other applications where space and weight are critical. Include environmental resisting, crimp snap-in contacts, quick-coupling devices, monobloc construction, hermetically sealed versions. *Miniature Rectangular Plugs* meet weight and space limitations in rack/panel installations. Range from lightweight sub-miniatures to small plugs of great strength. Coaxial layouts, hermetically sealed versions, crimp snap-in contacts.



CANNON PLUGS FOR ANY APPLICATION OR ENVIRONMENT

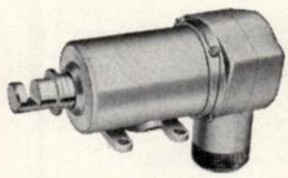


HERMETICALLY SEALED Available in most popular plug lines. Includes the first Series approved to MIL-C-25955, which requires leakage rates of less than .001 micron cubic foot per hour (1.5 x 10^{-8} cc/sec.). Plugs for all hermetic applications—standard or custom designs, with some series designed to withstand extreme thermal shocks, temperatures from —100°F to 1000°F, pressures above 2000 psi.



COAXIAL RF SERIES Available in a wide variety of types from subminiatures to large cable applications. For use in thousands of military, industrial, and commercial applications. Meet extreme environmental conditions. Hermetically sealed versions, weight-saving aluminum versions available. Full line of RF plugs meets all requirements from ground based equipment through outer space.

UMBILICAL PLUGS AND PLUG/HARNESS SYSTEMS Designed for the specialized demands of missile launching; provides the utmost reliability in connections between complex electronic systems within a missile and a master control point or other ground systems. Compatible with any method of launching, any method of engagement or release. Plug/Harness systems are designed, manufactured, and tested as a unit under rigid, quality-controlled conditions in a separate, highly specialized facility. The ability to combine specified plugs and cables into one complete unit provides a single responsibility for performance of the complete plug/harness system —assures the highest reliability.



MAGNETIC DEVICES A wide range of magnetic actuating devices for military, industrial, and commercial applications. AC and DC solenoids; linear, rotary and reciprocating actuators for computers, business machines, environmental, and special design. Push, pull, Push-Pull; high temperature, potted, hermetically sealed. Broad power ranges, input voltages in 6, 12, 24, 36, 115, and 230 dc and ac.

For more than four decades Cannon has been solving critical plug problems for every conceivable military and industrial application. Our wide variety of plugs—more than 27,000 designs—are available to meet such problems of modern technology as *shock, vibration, acceleration, temperature, altitude, moisture,* and *miniaturization*...Cannon plugs are the standard of the industry for use in aircraft, missiles, ground support equipment, computers, data processing devices, business machines, radio, television, and many other standard and special applications. For additional information on the typical designs illustrated, or other types to meet your individual requirements, write to:

CANNON PLUGS

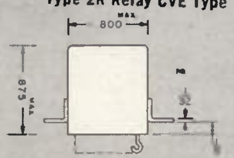
CANNON ELECTRIC COMPANY, 3208 Humboldt Street, Los Angeles 31, California

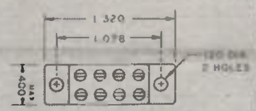
Couch

RUGGED ROTARY RELAYS

EXCEPTIONAL RELIABILITY WHERE THE ENVIRONMENT IS EXTREME

Type 2R Relay CVE Type





One of five standard mounting styles

MICRO-MINIATURE ROTARY RELAYS

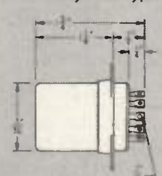
ONE SIZE — 3 DIFFERENT SENSITIVITIES

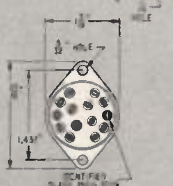
Catalog Number	Coil Resistance ±10% @ 25°C	Maximum Pull-In Current	Minimum Drop-Out Current	Nominal Operating Value	DATA SHEET NO.
	Ohms	MA.	MA.	Volts	
2R25A42-B	600	19.0	2.8	26.5	6
2R10A44-B	1500	7.5	1.1	26.5	6
2R04A46-B	3750	3.0	.5	26.5	6

Weight: 18 ± 1 Grams
Size: Height, .875" max.
Width, .800" max.
Thickness, .400" max.
Ambient Temperature: −65°C to + 125°C
Vibration: 30G's to 2000 CPS
*Specifications for 250 MW sensitivity only

*Shock: 50G Min.
Insulation Resistance: 1000 Megohms Min.
*Contacts:
2 PDT Rated 2A @ 30VDC 100,000 Oper.
Terminals: Hook or Plug-In Optional

4A36B Relay CVE Type





One of six standard mounting styles

SUB-MINIATURE ROTARY RELAYS

STANDARD 26.5 VDC RELAYS

Catalog Number	Number Form C Contacts	Contact Rating 100,000 Operations	Coil Resistance ±10% @ 25°C	Maximum Pull-In Current	Nominal Operating Value	Notes	DATA SHEET NO.
			Ohms	MA.	Volts		
2A37-B	2	3 AMPS 30VDC	475	27	26.5	Dry Ckt. Capability	3
4A36-B	4	3 AMPS 30VDC	300	41	26.5	Dry Ckt. Capability	2
4C36-B	4	5 AMPS 30VDC	300	41	26.5	Heavy Duty	1
2B36-B	2	10 AMPS 30VDC	300	41	26.5	Heavy Duty	4
4AP36-AF	4	3 AMPS 30VDC	300	41	26.5	Dry Ckt. Plug-In	5
Other Available Values			19 to 27K	165 to 5.0	6.6 to 250	Wide Range of Mounting Styles Avail.	

Weight: 3.2 oz. Max.
Ambient Temperature: —65° to +125°C
Vibration: 20G to 2000 CPS

Insulation Resistance: 1000 Megohms Min.
Shock: 75G Min.

15 section JR Switch

THE JR MULTIPOLE ROTARY SWITCH

DATA SHEET NO. S-1

The JR Switch is manufactured in accordance with MIL-S-21604 (Ships). It features contact ratings of 10A at 125VAC and 5A at 125VDC. Switches can be assembled with any number of sections up to 25 and can contain any combination of rotor types.

Write for Data Sheets which contain complete technical specifications

Couch

COUCH ORDNANCE INC. A Subsidiary of S. H. Couch Company, Inc.

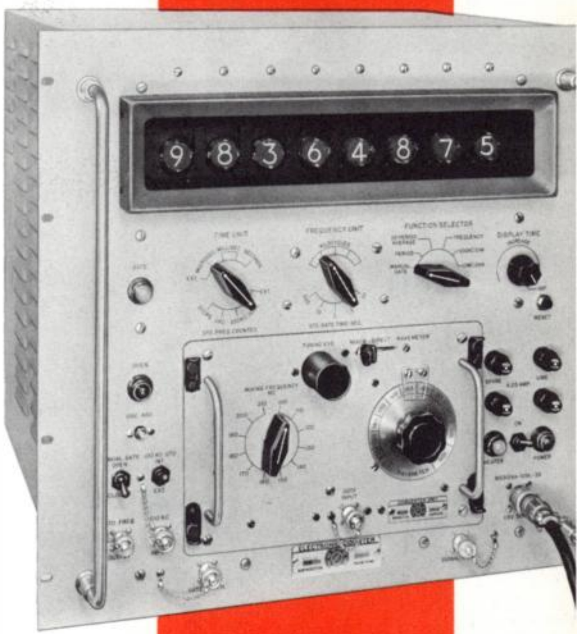
3 Arlington Street, North Quincy 71 Massachusetts • Tel Boston CY 8-4147

Series Fourteen – ELECTRONIC COUNTERS

With Six Plug-Ins

MEASURES • • •

FREQUENCY	**10 cps to 510 MC**
PERIOD	**From 10 microseconds**
TIME INTERVAL	**1 microsecond to 10,000,000 seconds**
TOTAL EVENTS	**1 to 99,999,999**



MODEL 14-20ATN (Rack Mount) with Plug-in 14-22C

GENERAL CHARACTERISTICS • • •

THE FREQUENCY COUNTER Series 14 — is an extremely versatile precision type direct reading instrument capable of measuring frequencies, time intervals, periods, time and frequency ratios, frequency drift and similar quantities and of counting and totalizing discreet electrical impulses such as are found in pulse and nuclear work whether of regular or random occurrence. It may also be used as a secondary frequency standard with outputs at 10 cps, 1 KC, 100 KC, and 10 MC. It has two outstanding characteristics not found in units of similar purpose (1) an extreme range of coverage (frequencies from .01 cps to a maximum of 510 MC and time intervals from 1 microsecond to 100 days) and (2) direct display of the answer in its final form with automatic placement of decimal point without the necessity of further calculation or interpolation. This second feature, together with simplicity in the operating controls, make it an ideal instrument for use by non-technical personnel.

NORTHEASTERN ENGINEERING, INC.

Tel: NA 2-6485 • TWX: MAN NH 370-U **25 So. Bedford Street**

MANCHESTER • NEW HAMPSHIRE

An Affiliate of Atlantic Research Corp.

WHERE USED • • •

USES for the Frequency Counter are many. Almost any quantity that can be transformed to or expressed as frequency, time duration or electrical impulse can be measured by this instrument. Possible uses include: the measuring of the frequency stability of oscillators and signal generators: checking the frequency in

MODEL 14-20A
(Rack Mount) with Plug-in 14-22C

FEATURES • • •

Direct reading — no interpolation necessary — may be readily used by non-technical personnel.

Illuminated decimal point — automatically positioned.

Military design — compact — reliable.

Extreme range and versatility — increased by inexpensive plug-in units.

High sensitivity — high impedance input.

Time base for measurement furnished by highly stable crystal oscillator with crystal mounted in constant temperature oven.

Accuracy as high as 1 part in 1,000,000 ±1 count using internal oscillator. Also available with accuracy as high as 1 part in 100,000,000 ±1 count with hi-stability crystal oscillator.

Counting and gating circuits may be checked with the internal oscillator.

Four secondary standard output frequencies available at front panel.

SERIES FOURTEEN SPECIFICATIONS

SPECIFICATIONS of 14 — Series Basic Counter

Reading: Direct reading — no interpolation.

Register: Eight place count display — on neon lamp decades, with automatic placement of illuminated decimal point. Total count 99,999,999.

Display Time: Count display variable from 0.1 sec to 10 seconds or may be held indefinitely until reset.

Output Frequencies: Four different secondary standard output frequencies available at front panel: 10 cps, 1 KC rectangular, 100 KC positive pulse and 10 MC sine wave.

Self-check: Proper operation of counting and gating circuits may be checked by counting the internal 100 KC and 10 MC frequencies.

Accuracy and Stability: Accuracy is dependent on two fac tors, stability of the oscillator and ±1 count which is an inherer error in the counting circuit used. The oscillator is stable at cor stant ambient temperature to 1/1,000,000 short time and t 2/1,000,000 per week. Controls on the front panel allow th oscillator to be calibrated against WWV or other primary stand ard frequency as often as necessary for the operation require

A connection is also provided for substituting an extern oscillator of greater stability if required. As an option, Mod 14-20AT can be furnished containing a hi-stability cryst oscillator. This oscillator has stability of 1 part in 100,000,0 short time, and to 5 parts in 100,000,000 per week.

Input Voltage: 0.2 volt rms minimum, 10 cps to 5 MC, 0 5 MC to 10 MC.

quartz crystal grinding work; making pulse measurements — repetition rate, length, time delay, etc.; determining the value of delay lines; or making high speed time measurements such as those encountered in tachometry and ballistics studies. Many other similar uses will suggest themselves to the prospective user.

SPECIFICATIONS OF 14 — Series Basic Counter (Continued)

Input Impedance: 1 megohm, 40 uuf shunt approximately.

Connectors: BNC type.

Power: 115 volt ±10 V, 50-60 cps.

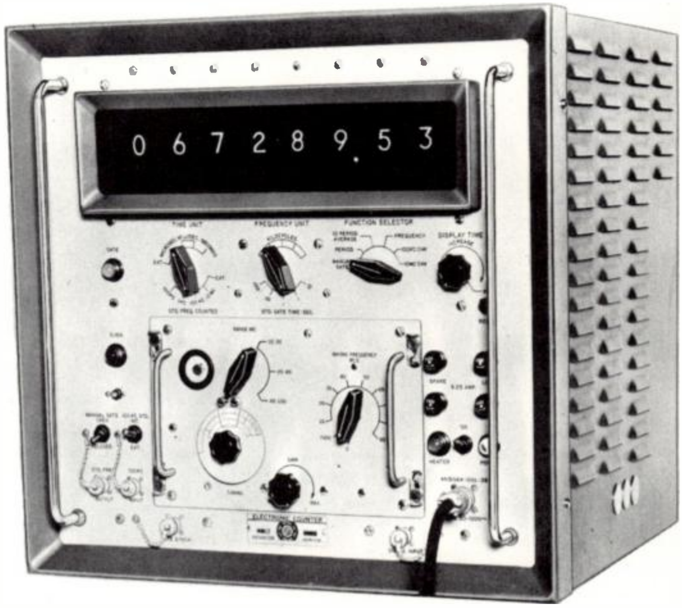
Dimensions: 19½ in. wide, 18½ in. high, 18¾ in. deep 'erall.

Mounting: Cabinet mounted. May be removed and rack ounted in 19 in. rack. Will extend approximately 16 in. :hind rack when so mounted.

Weight: 95 pounds approx.

Accessories furnished: Power cable.

Accessories available: Input cable, Three test cables.



MODEL 14-20AN
(Bench Mount) with Plug-in Model 14-21

₹EQUENCY MEASUREMENT (without Plug-in units) • •

Range: 10 cps to 10 MC.

Display: In kilocycles with automatic positioning of decimal ›int.

Gate Time: 10 sec, 1 sec, 0.1 sec, 0.01 sec, 0.001 sec.

Accuracy: Limited by stability of the oscillator at frequencies om 1 MC to 10 MC, using 10 sec gate time. Limited mainly by fect of ± 1 count at frequencies below 1 MC resulting in varyg overall accuracy from 0.0003% at 100 KC down to 0.01% 1 KC and 1% at 10 cycles using 10 sec gate time.

ERIOD MEASUREMENT (without Plug-in unit) • • •

Range: From 10 microseconds (100 KC or 30 KC for 10 eriod) for sine waves.

Gate Time: Selection between 1 cycle or 10 cycles of signal nder test.

Standard Freq. Counted: 10 cps, 1 KC, 100 KC, 10 MC or cternal frequency.

Display: Selection between microseconds, milliseconds or conds with decimal point automatically positioned.

Accuracy: Limited by accuracy of trigger circuit action. With 1 volt rms sine wave input signal accuracy is no less than 0.03% of indicated reading over the whole range measuring 10 period average in microseconds or 0.3% measuring single period in microseconds. Accuracy improves with higher input voltages. With 10 volt rms sine wave input signals the accuracy would become 0.003% for ten period average and 0.03% for single period measuring in microseconds.

CONDENSED TECHNICAL SPECIFICATIONS

PLUG-INS FOR 14-20 SERIES COUNTERS

Model	14-21	14-22	14-26A	14-23	14-24	14-25
	Frequency Converter	Frequency Converter	Frequency Converter	Video Amplifier	Time Interval	Period Multiplier
Range	10 MC to 100 MC (10 cps to 10 MC as amplifier)	100 MC to 220 MC	100 MC to 510 MC	10 cps to 10 MC	1 us to 10,000,000 secs	0 to 100 KC
Sensitivity in Volts	.005 rms as converter .05 rms as amplifier	0.1 rms	0.1 rms	.005 rms	1 peak	1 rms
Input Impedance	50 ohms as converter 1 megohm shunted (40 mmf uuf as amplifier)	50 ohms approx	50 ohms approx		1 megohm 40 uuf shunt	1 megohm 40 uuf shunt
Accuracy	Same as basic counter	Same as basic counter	Same as basic counter		±1 count for usec duration; oscillator stability for long duration	Direct 0.3%; 10,000 period average 0.00003%

Dimensions: 6⅜ in. x 10 in. x 6¼ in.
Weight: 5 pounds.

Accessories: Storage box 12 in. long, 8¼ in. wide, 8 in. high, at additional cc
Single plug-in unit ordered is shipped plugged in position in 14-20 Counter.

WARRANTY • • • We warrant each new instrument manufactured by us to be free from defects in material and workmanship. Our obligation under this warranty is limited to repairing or replacing any instrument or part thereof with the exception of tubes which shall, within one year after shipment to the original purchaser, prove after our examination to be defective.

NORTHEASTERN ENGINEERING, INC

Tel: NA 2-6485 • TWX: MAN NH 370-U 25 So. Bedford Stre

MANCHESTER • NEW HAMPSHIRE

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Tensolite

HIGH TEMPERATURE

CABLE CAPABILITIES

Our experienced Design Engineers specialize in cable and cable assemblies utilizing Teflon® insulated hook-up wire (large and small), solid core and air dielectric coaxial cable, shielded and jacketed multi-conductors—or any combination of these.

Many leading aircraft and electronic manufacturers are taking advantage of Tensolite's cable design and production facilities. Let us work with you in translating your requirements into highly reliable jumbo cables and cable assemblies.

ENAMELED PRODUCTS

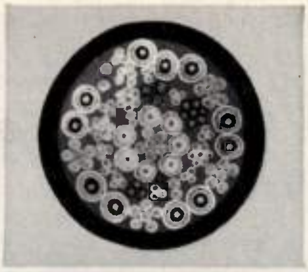
High temperature magnet wire—and other enameled wire products—must be produced under exacting dust-free conditions. To assure this, Tensolite recently set up its *Mechtron Division* in a separate and specially designed plant. Tensolite is the only manufacturer to provide this assurance of reliability and high quality.

FREE

Valuable New Catalogs! Just clip this to your calling card or letterhead!

Please RUSH me your new:

- ☐ Wire, cable, cable assembly catalog.
- ☐ Magnet wire catalog.
- ☐ For Reference Only.
- ☐ Have Representative Contact Me.



Tensolite

HIGH TEMPERATURE

WIRE AND CABLE

HOOK-UP Wire—Mil Spec & Thin Wall

Teflon — Extruded, Spiral Wrapped, and FLEXOLON wire
Types E-EE to MIL-W-16878 and NAS-703 (−90° to +250°C)

Vinyl — Extruded, and parallel wrapped
Types B-C to MIL-W-16878 and NAS-702 (−55° to +105°C)
Types LW-MW to MIL-W-76A (−40° to +80°C)
Super-flexible wire (−40° to +60°C)

COAXIAL CABLE

Solid Core and Air Dielectric
Designed to MIL-C-17B
RG Specs. (−90° to +250°C)

MULTI-CONDUCTORS

Standard and Custom Designed to Military and Industrial Specs.

AIRFRAME WIRE

Designed to MIL-W-7139
(−90° to +250°C)

MAGNET WIRE

To Meet MIL-W-19583, Type III
16 thru 50 AWG, ST, HT, TT, & QT (−90° to +250°C)

OTHER PRODUCTS

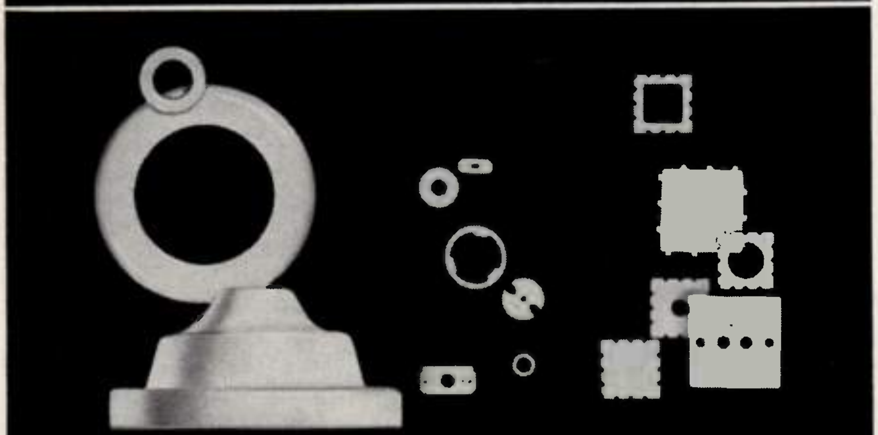
- Asbestos Wire to MIL-C-25038
- Antenna Wire
- Low Capacitance Cable
- Wire Coated with Teflon (100X) FEP Resin
- Tone Arm Wire
- Ribbon Cable Shielded and Unshielded
- Bondable Teflon Wire
- High Strength Conductors
- Nickel Plated Conductors
- Hearing Aid Cordage

Tensolite

INSULATED WIRE CO., INC.

A subsidiary of Carlisle Corporation
West Main Street, Tarrytown, N.Y.
Pacific Division:
1516 N. Gardner St., Los Angeles, Calif.

®DuPont



Ceramics shown are actual size

Precision Technical Ceramics and Composites

CFI Corporation provides integrated skills and facilities specifically adapted to the design, prototype development and production of high-temperature ceramics, components, ceramic-metal vacuum composites, glass-metal seals and specialized body compositions.

Typical ceramic products include modular forms, spacer and abrasion-resistant elements, metallized parts, multi-terminal composites, compact high-temperature power lead through elements and envelope assemblies.

Body compositions comprise high Alumina, Steatite, Forsterite, and customized materials, such as Series 1000 LOSSY ceramic for microwave attenuation.

For complete details on CFI custom-designed ceramics and ceramic-metal composites to fit your specifications, call CFI today. We're ready to work with you right now!

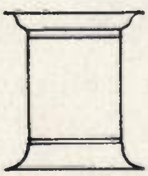
CFI *An Integrated Ceramics Service*

CFI Corporation
Department EBG, Cottage Place
Mineola, New York—Pioneer 6-0571

Gentlemen: Please send me, without obligation, the following literature on CFI ceramics:

- ☐ "Custom Ceramic Parts for Industry" Brochure
- ☐ Microwave Ceramics Spec Sheet
- ☐ Have technical representative contact me.

Name__________
Title__________
Company__________
City______ Zone______ State______



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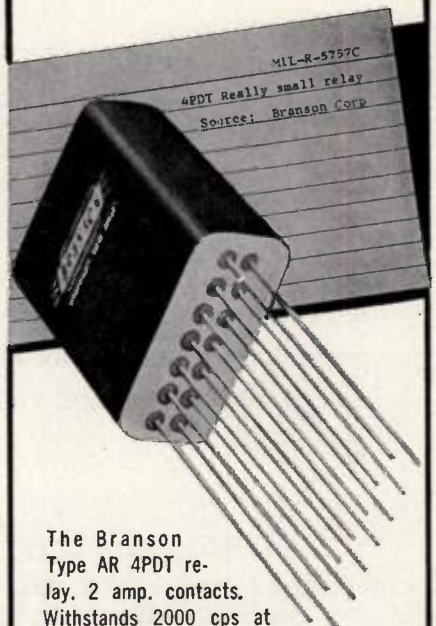
BY BRANSON

THE FIRST
4 POLE CRYSTAL
CAN RELAY

PROVEN IN CRITICAL MILITARY SYSTEMS



The Branson Type AR 4PDT relay. 2 amp. contacts. Withstands 2000 cps at 20G. −65°C to +125°C. Hermetically sealed and dry nitrogen filled for high altitudes. Wt. 15-20 gms. Dim. .384 x .784 x .882. Hook, plug-in or wire leads available. Std. 0.1 in. grid spacing. Suitable for dry circuit conditions. Meets specs: MIL-R-25018, MIL-R-5757C, MIL-E-5272C.

Delivery from stock, special orders in 4 weeks.

BRANSON Corp.

41 South Jefferson Road
Whippany, New Jersey
TU 7-1100

NOW
DELIVERY FROM STOCK

Mil Spec

STANDARD LINE STATIC INVERTERS

28VDC to 400 cps 115V
1ø or 3ø

SOLID STATE RELIABILITY

- COMPACT—LIGHTWEIGHT
- POWER RATINGS 30VA—3KVA
- MODULAR CONSTRUCTION—full flexibility to meet special requirements
- CHOICE OF FREQUENCY ACCURACY 1%, .01%, .05%
- REGULATION ±2%   DISTORTION 5% MAX
- TEMPERATURE −55° to +71°C, 100°C available
- OVERLOAD AND SHORT CIRCUIT PROTECTION
- MIL SPECS 5400 and 5272, Mil E—16400 upon request

THE SIEGLER CORPORATION

MAGNETIC AMPLIFIERS DIVISION

632 TINTON AVENUE, NEW YORK 55, N. Y., CYPRESS 2-6610

Cinch® ELECTRONIC COMPONENTS

In the more than a quarter of a century of experience in the manufacture of electronic components, sockets, shields, connectors, terminal strips and miscellaneous electronic hardware, Cinch parts by specification and application have earned recognition as "Standard in the industry."

1. Cinch components for printed circuitry, 24 pages, Catalog PC-61.

2. Cinch Sub-miniature Sockets, 12 pages, Catalog SM-61.

HEAT DISSIPATING TUBE SHIELDS

OCTAL and POWER SHIELDS T5 and T6 TR5 and TR6

The 7 and 9 pin Miniature Series, T, TR, and NW Series are variously covered by Military Specifications:
MIL-S-9372B (USAF)
MIL-STD-242B (Ships)
MIL-S-19786A (Navy) SCL-6307/2 (Signal Corps)

In the Octal and Power Series, the shields are covered by Redstone Arsenal and Signal Corps approval. Where shields are required blackened, Henderlube is supplied as the Standard finish.

Under license arrangement with International Electronic Research Corporation.

TRANSISTOR SOCKETS

17431 22455 22384 20248 14273

The CINCH sub-miniature and miniature sockets insure positive electrical contact, hold transistors and tubes securely in place, permit easy maintenance and replacement, provide maximum insulation resistance and minimum high frequency loss.

UNIVERSAL TRANSISTOR SOCKETS

STANDOFF TYPE

No. 24872

Standoff type Universal Transistor Socket for use with ten transistor bases and five base types. Casting is mica-filled phenolic (MFE). Contacts are beryllium copper, gold plated. Contacts may be used with either one or two sided 1/16" p.w. boards.

No. 24872 for use with transistors designed to the triangular base layout .2" x .1" (JETEC-30) contact centers, as well as the three contact in-line (.048 x .192 contact centers). Available in G. P. Black and low loss Mica-filled Phenolic.

POWER TRANSISTOR SOCKETS

There are three laminated and one molded No. 24246 type sockets; No. 22831 is elongated in shape, No. 24324 is rectangular in shape. Top and bottom plates are of natural XP Bakelite, vacuum wax impregnated. Formed thread for 6 — 20 screw, .104/.110 dia. hole in C R steel plate. Provides easy attachment to a heat sink. No. 24860 is identical with 24324 except it is equipped with integral eyelets for easy assembly to chassis. All contacts are of brass, cadmium plated.

No. 24860
WITH INTEGRAL EYELETS

PRINTED CIRCUIT SOCKETS

No. 22920

No. 22022

No. 24257

These sockets for the three types of receiving tubes. Miniature, Flat Press and Button.

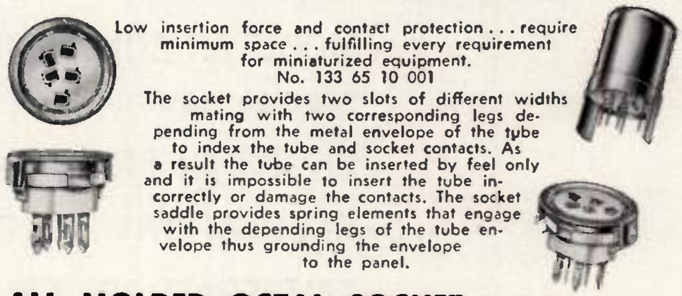
The contacts are so spaced that they can be mounted in an incremental drill pattern. This fact together with the exact precision and uniformity of Cinch sockets make them ideal for automatic assembly.

No. 22920 — 7 contact miniature molded vertically mounted socket with JAN type shield base. Mica insulation. Silver plated phosphor bronze contacts drop through .062" dia. clearance holes arranged on a .1" X and Y axis.

No. 22022—8 contact button base subminiature molded vertically mounted socket for conventional wiring. Assembled with special shield base to accept a subminiature shield with the "J" lock. Mica insulation. Silver plated beryllium copper contacts.

No. 24257 — 7 contact flat press subminiature molded right angle socket. Mica insulation. Silver plated beryllium copper contacts drop through .046" dia. clearance holes arranged on a .1" X and Y axis.

SOCKET FOR NUVISTOR TUBE



Low insertion force and contact protection . . . require minimum space . . . fulfilling every requirement for miniaturized equipment.
No. 133 65 10 001

The socket provides two slots of different widths mating with two corresponding legs depending from the metal envelope of the tube to index the tube and socket contacts. As a result the tube can be inserted by feel only and it is impossible to insert the tube incorrectly or damage the contacts. The socket saddle provides spring elements that engage with the depending legs of the tube envelope thus grounding the envelope to the panel.

ALL MOLDED OCTAL SOCKET

This new all molded Octal socket offers a complete one piece construction. The saddle and body are a single casting.

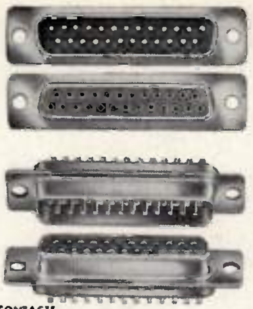
The standard socket is molded of general purpose Bakelite. Contacts are of brass, cadmium plated. Mica insulation with brass or phosphor bronze contacts can be made available. Two contact layouts can be supplied.

Cinch®

CINCH MANUFACTURING COMPANY
1026 South Homan Ave., Chicago 24, Illinois
Division of United-Carr Fastener Corporation, Boston, Mass.

CINCH GOLDEN "D"
MONOBLOC CONNECTOR FEATURES:

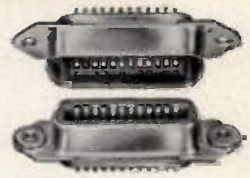
• Monobloc insulators • Low engagement/ separation forces • Probe-proof closed-entry socket contacts • Golden Iridite finish—per Mil Q Q-P-416A, Type II Class 2 • Type GDI-30 per Mil-M-19833 or MDG per Mil-M-14E insulators • Fully interchangeable with standard "D".
FOUR TYPES AVAILABLE: GOLDEN-D with closed-entry contacts in monobloc insulator. GOLDEN-D with snap-in ungrounded coaxial contacts. GOLDEN-D with grounded coaxial contacts. GOLDEN-D with high voltage contacts.
CONTACTS: 9, 15, 25, 37, and 50


25 CONTACTS

Manufactured by agreement with Cannon Electric Company

MINIATURE BLUE RIBBON CONNECTORS

The smooth, easy insertion and extraction action, the self-wiping, self cleaning features and the double-sided, flexing action of both mating contact members make Micro-Ribbons the first miniature connectors to provide reduction in size with added reliability.
Bodies are molded of an improved diallyl phthalate with extremely high impact strength and excellent dielectric features. Contacts are gold-plated over silver. Shells are cadmium-plated brass with clear chromate treatment. Receptacle shells have floating bushings allowing a float of .020 in each direction.
The compact housings are equipped with sturdy spring type latches on the receptacles which are guided and held by cut-outs in the plug flanges. The shells are cadmium plated brass with clear chromate treatment. Receptacle shells have floating bushings allowing a float of .020 in each direction.


24 CONTACTS
RACK AND PANEL TYPES


CABLE TO CHASSIS TYPE

Manufactured by agreement with Amphenol-Borg Electronics Corporation

CINCH AND JONES COMPONENTS

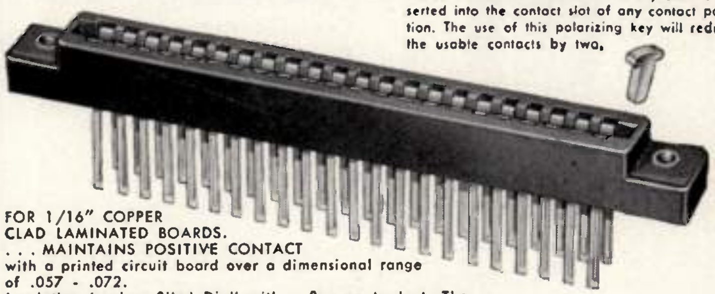
The list below comprises the products of both CINCH and JONES. It is indicative of their wide scope; and also indicates the myriad of variations and redesigning that is possible with this background of production experience.

ANTENNA JACKS
BARRIER TERMINAL STRIPS
FANNING STRIPS
BATTERY PLUGS & SOCKETS
DIODE SOCKET
CONNECTORS, MULTI CONTACT
FUSE STRIPS, BLOCKS & BOARDS
HERMETICALLY SEALED TUBE SOCKETS
METAL STAMPINGS
MICRO-CONNECTORS
MOUNTING DEVICES
PHONO TIP JACKS
PRINTED CIRCUIT CONNECTORS
SHIELDS, TUBE-MINIATURE & NOVAL & BASES
SOLDERING LUGS—200 VARIATIONS
STRAP NUTS
TRANSISTOR SOCKETS
TUBE HOLDERS—SPRING TYPE
PLUGS AND SOCKETS

Cinch Connectors, pages, Catalog 100.
Jones Plugs and Sockets, barrier strips, fanning strips, terminal panels, fuse mounts, Catalog 22.

WRAPOST TERMINATION PRINTED CIRCUIT CONNECTOR

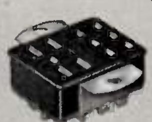
A No. 20H29401-4 plastic polarizing key is furnished with each connector. This key can be inserted into the contact slot of any contact position. The use of this polarizing key will reduce the usable contacts by two.



FOR 1/16" COPPER CLAD LAMINATED BOARDS.
. . . MAINTAINS POSITIVE CONTACT with a printed circuit board over a dimensional range of .057 - .072.
Insulation is glass filled Diall with a flame retardent. The 44 contacts are phosphor bronze with a silver plate of .0002 and .00003 min. gold plate finish. The inventory problem is simplified by providing a single connector that can be polarized in any position.

JONES PLUGS AND SOCKETS


P-312-CCT

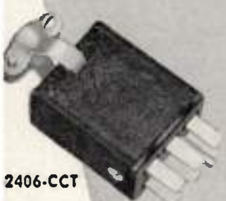

S-312-AB

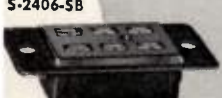
"300" SERIES Plugs and Sockets are designed for light duty service. Two to thirty-three contacts. Plugs and sockets polarized. Phosphor bronze "knife switch" socket contacts engage both sides of heavy brass plug contacts for positive connections. Molded bakelite insulation. Also can be supplied with contact tails that will take standard solderless terminals. UL approved.


506-CE PLUG WITH CAP


S-506-DB SOCKET WITH DEEP BRACKETS

500 SERIES for heavy duty work, severest electrical services. For 5,000 Volts 25 Amperes per Contact alterable by circuit characteristics. Socket contacts phosphor bronze knife-switch type, cadmium plated. Plug contacts hard brass cadmium plated 2, 4, 6, 8, 10, and 12 contacts. Plugs and sockets polarized. Long leakage path from terminal, and terminal to ground. Caps and brackets, steel parkerized (rust-proofed). Plug and socket blocks interchangeable in caps and brackets. Terminal connections most accessible. Cap insulated with canvase bakelite.


2406-CCT


S-2406-SB

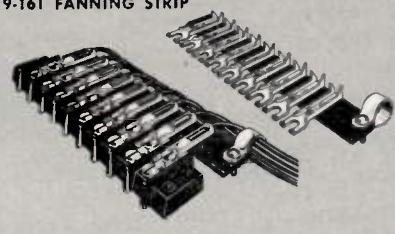
2400 SERIES plugs and sockets . . . improved socket contacts. For highest electrical and mechanical efficiency. 4 individual flexing surfaces. Positive contact over practically their entire length. Cadmium plated plug and socket. Contacts mounted in recessed pockets, greatly increasing leakage distance, increasing voltage rating.

JONES BARRIER TERMINAL STRIP

500 SERIES . . . wider and higher barriers for increased creepage distances. Closed bottoms for complete insulation. Material between barriers at the base adds to the strength and maintains same creepage distance between contact to contact and contact to ground. Can be imprinted here. No insulating or marker strip required.

JONES FANNING STRIP

9-161 FANNING STRIP



9-141 BARRIER STRIP

Big help in terminal wiring. Connections are made through Fanning Strip, on bench or anywhere apart from barrier strip, and quickly slipped into assembly. Simplifies and facilitates soldering. Insures positive, correct connections. Saves time. Ideal for harness or cable assembly. Strong construction; brass terminals, cadmium plated. Heavy Bakelite mounting.

HOWARD B. JONES DIVISION
CINCH MANUFACTURING COMPANY
1026 SO. HOMAN AVE., CHICAGO 24, ILL.

ELECTRONIC DOT ASSEMBLIES

Cinch®
CINCH MANUFACTURING COMPANY
1026 South Homan Ave., Chicago 24, Illinois
Division of United-Carr Fastener Corporation, Boston, Mass.

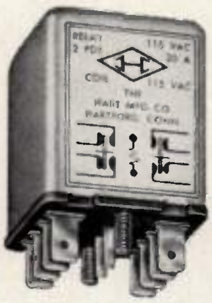
"Diamond H" Relays for applications demanding utmost reliability

SERIES R RELAYS

Miniature, hermetically sealed, 4PDT aircraft-missile relays. Completely reliable in ambient temperature ranges from —65° C to —200° C. Contacts from micro-amperes to 10 A; vibration resistances to over 2,000 cps at 20 "G"; operating shock resistance to 50 "G" and up. Weight: 4 ounces or less.

SERIES S RELAYS

Greatest dry circuit reliability assured by coil separately sealed within outer hermetically sealed case. Switch mechanism contains no organic matter to virtually eliminate contact contamination. Dry and "hot" circuits can be safely intermixed. Electrically and physically interchangeable with Series R Relays.



SERIES W RELAYS

DPDT double break, general purpose, AC/DC relays; measure only 1½" x 1½" x 1⅞" but rated to 25 A resistive at 115-230 VAC, 1 HP 115 VAC, 2 HP 230 VAC. With 12 possible contact arrangements, including sequencing, applications include automation equipment, appliance, heater circuits, motor starting and clock controlled systems.

SERIES P RELAYS

Sensitive, polarized, SPDT, with two independent coils; will handle over 1,000 pulses per second. Coil resistances from 10 to 4,000 ohms each coil. Contact ratings vary with switching speeds but range to 2 A with voltages up to 120 AC or DC, depending on amperages employed. Standard octal socket mount.

MOUNTING ARRANGEMENTS TO MEET ALL NEEDS

Ceramic Socket

MS-AN Type Connector

Series W Socket

Illustrated here are only three of the wide variety of standard mounting arrangements available for "Diamond H" relays. Special mounting arrangements can usually be devised to meet unique requirements.

Series R and Series S Relays are available in two-hole, loose bracket, fuse clip, two stud, three stud AN, subchassis, ceramic socket and MS-AN connector type mounting arrangements.

Basic Series W Relay mounting arrangements include side, panel and socket mounts. Spade terminals make for easy wiring.

"Diamond H" engineers are prepared to work with you to develop variations on these relays to meet your specific requirements. Tell us your needs . . . by phone or letter.

THE **HART** MANUFACTURING COMPANY

240 Bartholomew Ave., Hartford 1, Conn.

Phone JAckson 5-3491

NEW DORSETT "20" SERIES

MODULAR PACKAGING

provides maximum telemetry system flexibility!

- Requires Less Power
- Meets Most Rugged Environmental Conditions
- Die Cast Construction

SOLID STATE COMPONENTS AVAILABLE FOR "20" SERIES* PACKAGING

- TR-20 2-watt FM Transmitter, 225 - 260 mc.
- TR-21 2-watt FM Transmitter, 136 - 137 mc.
- 0-20 Subcarrier Oscillator
- MVO-20 Millivolt Subcarrier Oscillator
- ACA-20 Low Level AC Amplifier
- DCA-20 Low Level DC Amplifier
- PWM-20 Pulse Width Modulator
- PS-20 Regulated Power Supply

MODULAR PACKAGING DESIGN of the new "20" series line of telemetering components and systems lets you put more telemetering equipment in less space. Every system component has been packaged in compatible modules identical in height (2.25") and width (1.875"), with thicknesses of one, two, or four units (.875" per unit). These standard modules permit a wide range of system configurations, and make future modification of basic systems easy and economical.

EVERY "20" SERIES COMPONENT utilizes silicon semi-conductor circuitry—no tubes anywhere. The typical "20" series 12 channel system including transmitter, weighs less than 5 pounds, draws less than 20 watts from a 28 volt supply, and exceeds military specifications for reliability and performance throughout extreme missile environments.

FOR YOUR NEXT TELEMETERING REQUIREMENT let Dorsett take the problems out of system packaging with a "20" series telemetry system. Your inquiries or specifications will receive a prompt reply.

DORSETT ELECTRONICS, INC.

P. O. Box 862, Norman, Oklahoma, Ph: JEfferson 4-3750

♦ TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

RECORD IT RIGHT WITH SANBORN®

150 SERIES

PROVEN RELIABILITY OF TUBE-TYPE ELECTRONICS, CHOICE OF 11 PLUG-IN PREAMPLIFIERS FOR 1- TO 8-CHANNEL SYSTEMS

Widest choice in types of packaging and available preamplifiers of any Sanborn direct writing oscillographic recording system. Frequency response DC to 2 db down at 100 cps; basic sensitivity 10 uv/div to 0.1 volt/div, depending on preamp used; over-all linearity better than 1%, current-feedback amplifiers, horizontal plane recorder with 9 chart speeds, automatic stylus heat control. Preamplifiers include AC-DC, Carrier, Phase-Sensitive Demodulator, DC Coupling, Logarithmic, Low Level, Stabilized DC, AC Wattmeter, RMS Volt/Ammeter, 400 cycle Frequency Deviation and Frequency Meter types. Shown are vertical cabinet 2-, 4- and 6-channel "150's"; amplifier and recorder units can also be packaged in portable cases. Mobile 6- and 8-channel 46½" high console systems with dual-channel DC amplifiers also available for analog computer readout and similar applications.

a proven SANBORN system

RELATED INSTRUMENTS and ACCESSORIES

Shown here are a few of the many kinds of allied instruments made by Sanborn. Typical are a high speed, 100 cps optical X-Y Recorder . . . precision made variable speed Chart Viewer for convenient study and editing of records . . . 4- to 32-channel "on-off" Event Recorders . . . Monitor Meter for indicating stylus position, system adjustment, visual monitoring, etc. . . . Servo Monitor Phase Shifter for use with Sanborn Phase-Sensitive Demodulator Preamplifiers . . . numerous linear motion and pressure transducers.

For application engineering assistance or complete product information and specifications, call the Sanborn industrial Sales-Engineering representative in or near your city. Offices throughout the U. S., in Canada and foreign countries.

650 SERIES

DC TO 3 KC OVER FULL SCALE . . . DC TO 5 KC OVER 4" AMPLITUDES . . . UP TO 24 CHANNELS WITH DIRECT READOUT

This modern optical oscillograph combines high frequency capabilities with immediate availability of recordings, using a single set of galvanometers for the entire DC-5KC range. Charts are 8" wide, daylight loading and require no chemical development. Recorder has 9 speeds from ¼"/sec. to 100"/sec.; automatic trace identification and timing lines; amplitude lines 0.1" apart can be blanked from part or all of chart; galvanometer block for 8, 16 or 24 channels, equipped with optical inserts as required. Single-chassis, 7" high amplifier module has 8 separate channels, each complete from input to galvanometer output. Inputs are floating and guarded, 100,000 ohm impedance on all ranges. Performance specifications include 8" deflection for 20 mv input; common mode rejection 140 db min. at DC, tolerance to ±500 volts; linearity 1½% of full scale; gain stability better than 1% to 50°C. and for line voltage variation from 103 to 127 volts.

350 SERIES

MAXIMUM 6- AND 8-CHANNEL PERFORMANCE, RELIABILITY AND APPLICATION VERSATILITY . . . HIGHLY DEVELOPED, SPECIALIZED PLUG-IN PREAMPLIFIERS

Flush front, 17½" high "350" style recorder unit with transistorized power amplifiers and power supply — plus extremely versatile, modern plug-in preamplifiers mounted in 21" of panel space for eight channels, comprise the main "350" system units. System response is DC to 150 cps within 3 db at 10 div peak-to-peak; input single-ended, floating and guarded, or push-pull, depending on preamp used. Preamplifiers, which can also be used alone with individual power supplies in portable cases to drive scopes, meters, optical galvanometers, etc., include Carrier, DC Coupling, Phase-Sensitive Demodulator, Differential DC, Low Level, Logarithmic, Frequency Deviation and RMS Volt/Ammeter types. Recorder-Power Amplifier features, in addition to those previously mentioned, include electrical limiting ahead of Power Amplifiers to prevent saturation or cut-off so that damping is never lost; current feedback circuits to prevent thermal drift; numerous solid state and MIL-spec components in power supply; galvanometer damping by velocity feedback signal; rugged, improved stylus construction for longer life; 50-division, 4 cm or 5 cm wide recording channels in 6-channel system, 4 cm channels in 8-channel system. Recorder-Power Amplifier assembly may also be used alone as a 0.1 volt/div sensitivity system.

950 SERIES

RELIABLE, ECONOMICAL 6- AND 8-CHANNEL SYSTEMS FOR HIGH, MEDIUM OR LOW GAIN IDENTICAL CHANNEL DC APPLICATIONS

Specially designed for applications where many similar low level DC signals must be accurately recorded and separate interchangeable preamplifiers are not required. High and medium gain amplifiers have six or eight identical transistorized channels with floating and guarded inputs; low gain amplifier is a general purpose type with high resistance balanced to ground inputs. Each amplifier with its power supply is mounted on a single chassis, with each channel complete from signal input terminals to galvanometer output terminals. For maximum sensitivity (10 uv/div) amplification, frequency response is DC to 100 cps within 3 db; for medium gain (0.5 mv/div) and low gain (10 mv/div) systems, response is extended to 150 cps within 3 db, 10 div peak-to-peak. System has all "350" flush front recorder features, including 9 pushbutton chart speeds; inkless rectangular coordinate recordings; rugged, enclosed galvanometers with velocity feedback damping; provision for remote control of chart drive, chart speeds, timer and marker.

to match your specific application

850 SERIES

MINIMUM PANEL SPACE, MAXIMUM ECONOMY IN 6- AND 8- CHANNEL SYSTEMS WITH INTERCHANGEABLE PREAMPLIFIERS

This series has all the advantages of the 6- or 8-channel flush front recording assembly unit used in "350" systems, but uses miniaturized 2" x 7" plug-in preamplifiers of more economical design. Types include Carrier, Phase-Sensitive Demodulator, DC Coupling and Low Level preamplifiers; Master Oscillator Power Amplifier available for use with Carrier and Low Level preamps. System response to 150 cps within 3 db; input circuits single-ended, push-pull, or floating and guarded, depending on preamp used. System shown is 63⅝" tall, with 8-preamplifier module in 7" of panel space, recorder in 17½" of panel space.

PORTABLES

1 channel, Models 299 and 301

2 channels, Models 320, 321, 322

2 channels, Model 296

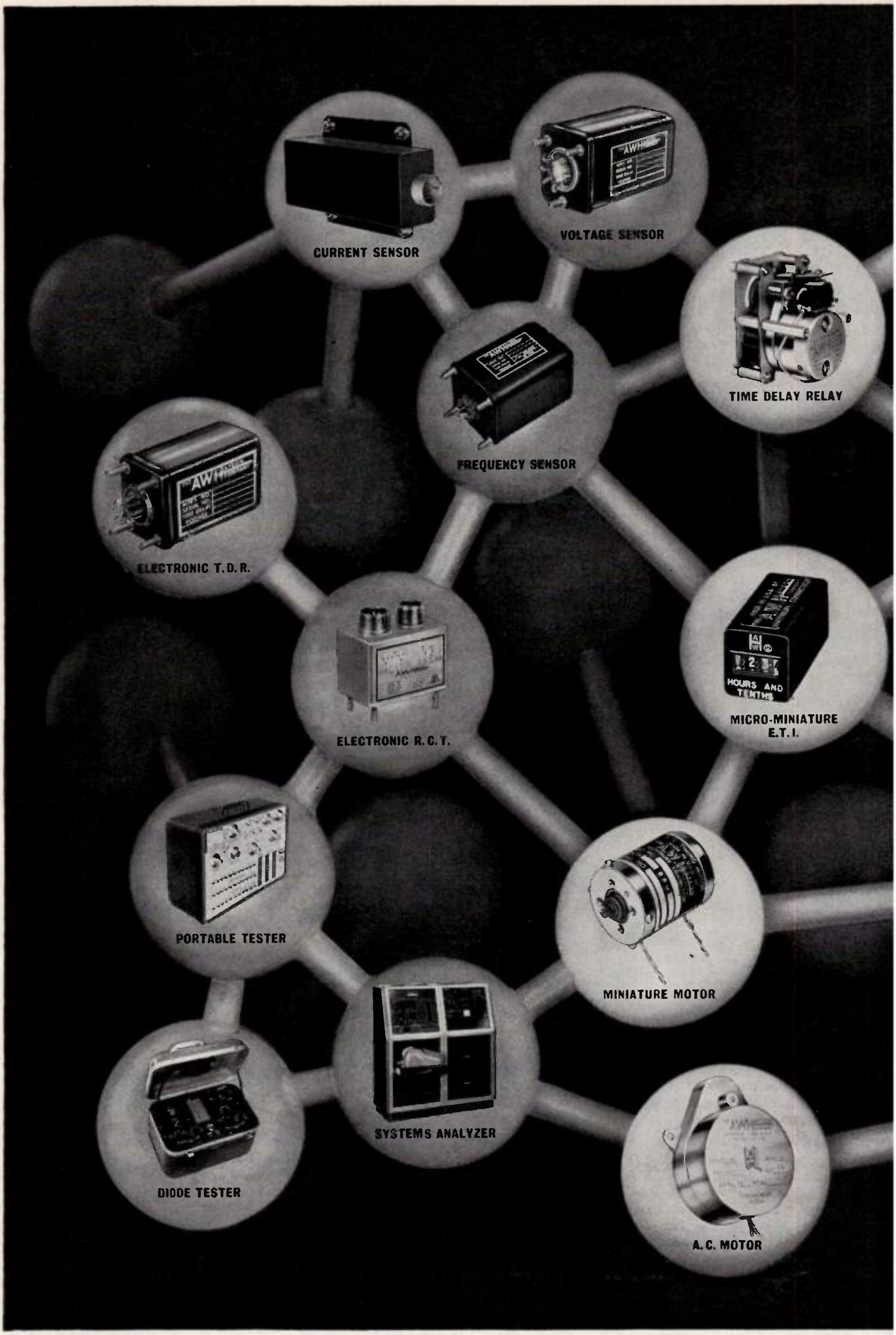
2 channels, Model 297

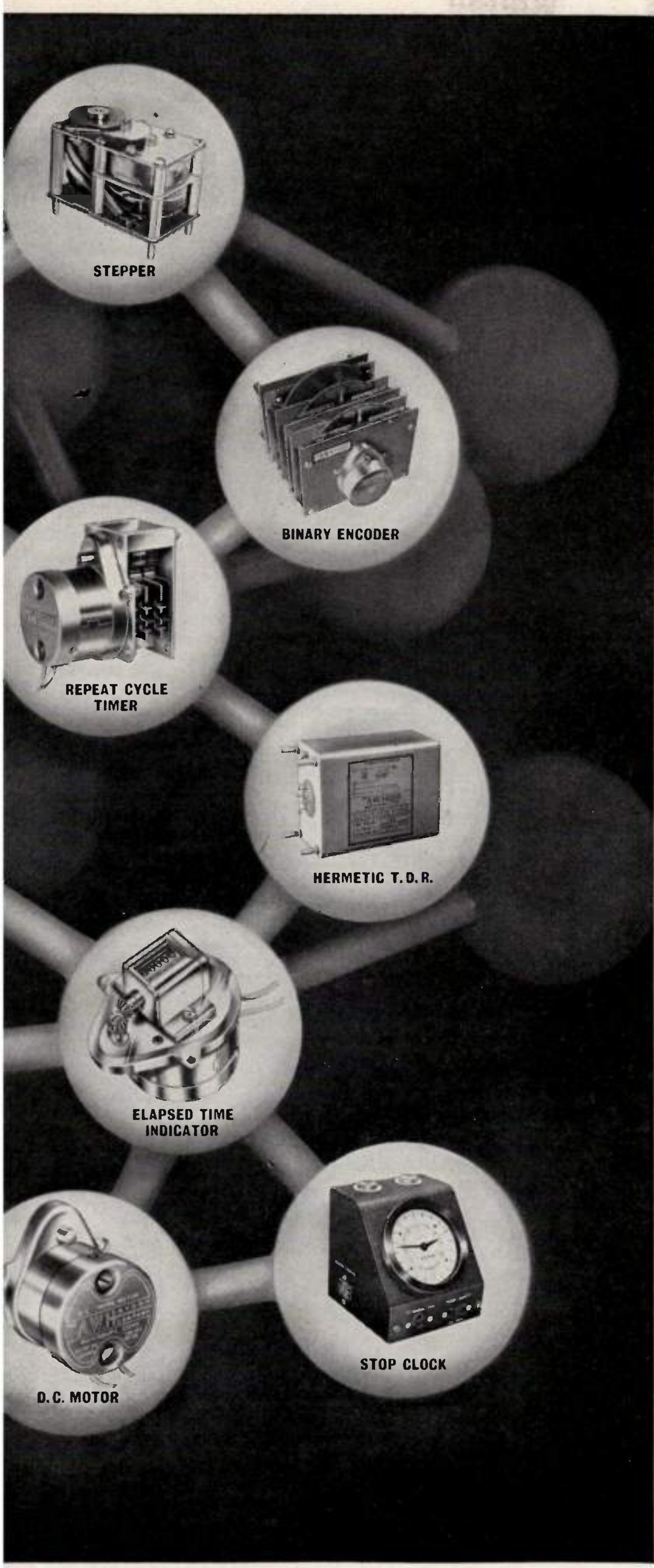
SINGLE- AND 2-CHANNEL PORTABLES WITH YOUR CHOICE OF AMPLIFIERS AND PACKAGING

For greatest portability in a single-channel system, briefcase size, 20 lb. Models 299 and 301 offer 2 chart speeds, response to 100 cps within 3 db, inkless rectangular coordinate recording. Model 299, for general purpose DC inputs, has 10 mv/div sensitivity, calibrated zero suppression; Model 301, for use with AC strain gages and inductive transducers, has 10 uv rms/div sensitivity. Portable 2-channel systems with built-in amplifiers include the Model 320 for general purpose DC recording with max. sensitivity of 0.5 mv/mm; Model 321 Carrier for AC transducer output recording at 10 uv rms/mm max. sensitivity; Model 322 DC Coupling with 10 sensitivities from 10 mv/div to 10 v/div. Two-channel systems with interchangeable preamplifiers include the Model 297 which accepts any two "850" preamps, and the Model 296 which uses the versatile "350" style preamps. Both the 296 and 297 may be packaged in either a mobile cart or portable case, or standard 19" rack mounted.

SANBORN COMPANY

INDUSTRIAL DIVISION 175 Wyman St., Waltham 54, Mass.


CURRENT SENSOR
VOLTAGE SENSOR
TIME DELAY RELAY
FREQUENCY SENSOR
ELECTRONIC T.D.R.
ELECTRONIC R.C.T.
HOURS AND TENTHS
MICRO-MINIATURE E.T.I.
PORTABLE TESTER
MINIATURE MOTOR
SYSTEMS ANALYZER
DIODE TESTER
A.C. MOTOR



IT RUNS IN THE FAMILY...

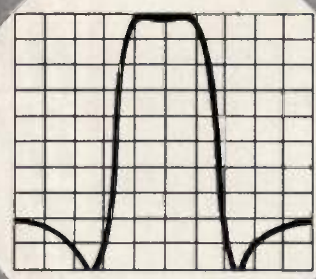
__Reliability. Precision. Compact Size.__ And our progeny is prodigious. There's a whole family of A. W. Haydon timing devices, controls and test equipment in every type and size... both electronic and electromechanical. It's a prolific tribe, too. New designs are a'borning all the time. If you have a specific timing problem, get in touch with The A. W. Haydon Company, the Patriarch of precision timing devices. Electromechanical requirements get solved at the family seat in Waterbury... for electronic designs and test equipment try our cousins in Culver City.

THE AW HAYDON COMPANY

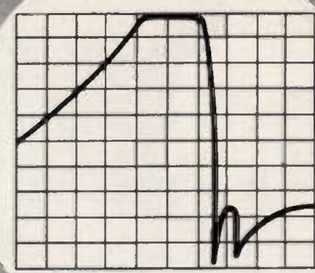
○ 238 NORTH ELM STREET, WATERBURY 20, CONNECTICUT
● 4038 INCE BOULEVARD, CULVER CITY, CALIFORNIA

♦ TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

FROM CRYSTALS TO "BLACK BOXES" HEEMCO OFFERS 3-SIGMA RELIABILITY



A. CRYSTAL BANDPASS FILTERS



B. SINGLE SIDE BAND CRYSTAL FILTERS

The 3-sigma reliability for which Heemco products have long been recognized is available not only in crystals, but in filters and frequency sources as well as all types of associated circuitry and "black boxes".

CRYSTALS

Heemco crystal units, both standard and high vibration types, are available from 400 cps up, to fill a wide variety of commercial and military requirements.

FREQUENCY SOURCES

From standard designs, Hill Electronics custom designs and manufactures frequency sources to your particular requirements. Frequencies range from less than 1 cps to above 100 mc. Sizes range from ¾"x¾"x1½".

Specifications for a typical standard unit are:

FREQUENCY: from 150 cps up
OPERATING TEMPERATURE: −65 to +125°C
FREQUENCY ACCURACY: ±.001%
VIBRATION: 5 to 2000 cps at 20g
SHOCK: 100g
SIZE: 2"x2"x4"

ONE OF HILL ELECTRONIC'S RECENT DEVELOPMENTS IS A 3-PHASE FREQUENCY SOURCE, SPECIFICATIONS FOR WHICH ARE AVAILABLE UPON REQUEST.

FILTERS

A. CRYSTAL BANDPASS FILTERS

Center frequency: 400 cps to 10 mc
Band Width: .01% to 13% of center frequency
Selectivity: Ratio of 60db to 6db band widths as steep as 1.4:1
Insertion loss: Usually less than 6db for wide band filters and less than 3db for narrow band filters
Wide Impedance Range
Attenuation: As much as 80db
Passband Variation: ±½db

B. SINGLE SIDE BAND CRYSTAL FILTERS

Center frequency: 400 cps to 10 mc
Band Width: .6% to 10% of center frequency
Steep Side Slope: As steep as 1.0026:1
Wide Impedance Range
Attenuation on steep side: As much as 60db
Passband Variation: ±1db

C. CRYSTAL NOTCH FILTERS

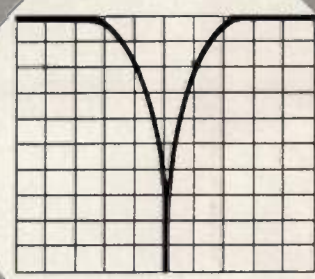
Center frequency: 400 cps to 10 mc
Band Width at 6db: .01% to .8% of center frequency
Insertion loss: Usually less than 3db
Attenuation in the notch: As high as 60db
Passband Variation: Less ±1db

D. CRYSTAL DISCRIMINATORS

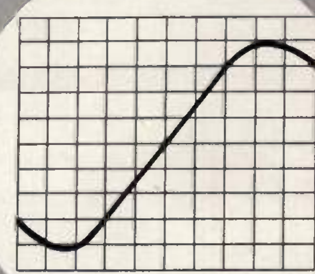
Center frequency: 400 cps to 10 mc
Band Width (peak to peak): .01% to .4% of center frequency
Wide Impedance Range
Output Voltage: Up to 20 volts peak to peak

E. "COMB" SETS

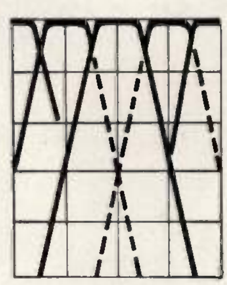
Because of rigid quality controls and long experience in the design and manufacture of our own crystals, we have been particularly successful in production of "comb" sets.



C. CRYSTAL NOTCH FILTERS



D. CRYSTAL DISCRIMINATORS



E. "COMB" SETS

Hill Electronics specializes in the design and manufacture of "black boxes" which utilize frequency sources and/or filters.

HILL ELECTRONICS, INC.

300 north chestnut street • mechanicsburg • pennsylvania

VARFLEX

. . . the flexible, insulating SLEEVING and TUBING used by leading American manufacturers

Varflex Corp. factory in Rome, N. Y.

Pick any combination of characteristics, and there is a Varflex sleeving or tubing to meet them. In the toughest applications of all—in jet plane components which *must* operate efficiently at temperatures ranging from —85° to 500°F.—Varflex has proved its reliability again and again.

Any or all of the following characteristics are available in the degree that fits your application: high dielectric retention . . . high thermal stability . . . high tensile, mechanical or impact strength . . . non-interference with magnetic field . . . excellent resistance to oil, grease, alkali, acid, heat, pressure, vibration.

CHECK YOUR NEEDS Against This Line

Varglas Silicone Rubber Tubing. Class H-A-1. The ultimate in flexibility, yet dielectric protection to 8000 volts. Class H-B-1 (4000 volts) available, also. Continuous exposure from minus 70°F. to 400°F. does not affect coating or braid.

Varglas Silicone Rubber Sleeving. Made in Class H-C-1 (2500 volts) and Class H-C-2 (1500 volts).

Varglas Silicone Resin Tubing. Class H-A-1 is recommended for applications requiring extremes of heat endurance and high dielectric strength (7000 volts). Class H-B-1 is identical except for dielectric guarantee (4000 volts). Good abrasion resistance.

Varglas Silicone Resin Sleeving. Made in Classes H-C-1 (2500 volts), H-C-2 (1500 volts) and H-C-3.

Silflex Sleeving. A light coating of Silicone resin on fiberglas braid. Extremely flexible within a temperature range from minus 85°F. to 500°F.

Varglas Silicon Lead Wire. Made from solid or stranded wire covered with one or more walls of Fiberglas braid and impregnated with Silicone resin.

Varglas Silicon Tying Cords. Continuous filament Fiberglas cords impregnated with Silicone resin. $\frac{1}{64}$" to $\frac{1}{8}$" diameter. Specify dry cure or tacky cure.

Varfil Tubing and Sleeving. Fiberglas braids impregnated with polyester resin. Four grades available in coils as well as 36" lengths in most sizes. In a class by itself because of its toughness, flexibility, high temperature resistance and ability to withstand bending and twisting without dielectric loss. Compatible with varnish.

Varflo Tubing and Sleeving. Class B insulation. For those who need flexibility, solvent, oil and moisture resistance, and yet do not require Class H insulation. Will pass the NEMA heat endurance test of 15 minutes at 425°F. Also posses 300 hours at 300°F. Varflo has good shelf life and will not lose dielectric strength when subjected to severe twisting.

Varglas Varnished Tubing. Flexible continuous coatings of flame resistant varnish built up over Fiberglas braid in eight or more carefully controlled operations.

Varglas Varnished Sleeving. NEMA Classes B-C-1, B-C-2, and B-C-3 are similar except for dielectric strength.

Varglas Non-Fray Sleeving—Type H. The normalizing treatment given the Fiberglas braid removes the organic impurities and tends to hold the individual filaments together. May be subjected to temperatures as high as 1200°F. Recommended for applications where dielectric requirements are not of prime importance. Resists fungus and is non-corrosive.

Varglas Non-Fray Sleeving—Type HO. Has a very light treatment of resin after the braid has been normalized—just enough to hold the sleeving round for accurate cutting. Will distend to cover soldered joints or terminals. Available in eight colors, sleeving unaffected up to 1200°F.

Varglas Litewall Sleeving. Wall thicknesses of .008" and .006" available untreated or treated.

Syntholvar Extruded Tubing. Several formulations of vinyl polymers. All have high dielectric and tensile strength. Will not support combustion nor absorb moisture. Smooth surface, thin wall and flexibility all make for ease in assembling operations. For installations where temperatures of 105°C. must be withstood. Also will function at temperatures down to —65°C. Specify fungus resistant tubing where needed.

Varflex Cotton Tubing. Furnished with lacquer or varnish as the impregnant. Braided from long staple cotton yarns. Four standard NEMA grades. Varflex Cotton Sleeving. Available in three NEMA grades, Classes A-C-1, A-C-2, and A-C-3.

FREE . . . Write for our free booklet containing test samples of our products.

VARFLEX CORPORATION

506 W. Court St., Rome, N. Y.

Varflex CORPORATION

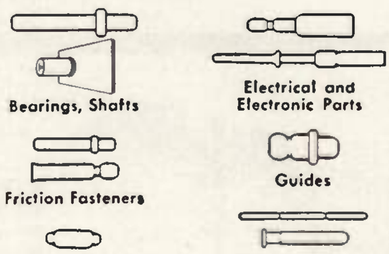
Makers of Electrical Insulating Tubing and Sleeving

Choose right and make Big Savings on SMALL METAL PARTS

COSTS HALVED! Instead of turning and drilling parts like these from solid rod, or stamping and forming them, the BEAD CHAIN MULTI-SWAGE Process automatically swages them from flat stock. By doubling the production rate and eliminating scrap, this advanced process can save you as much as fifty percent of the cost of other methods.

The BEAD CHAIN MULTI-SWAGE Process produces a wide variety of hollow or solid metal parts—beaded, grooved, shouldered—from flat stock, tubing, rod, or wire—of any metal. Sizes to $\frac{1}{4}$" dia. and $1\frac{1}{2}$" length.

GET COST COMPARISON ON YOUR PARTS —If you use small metal parts in quantities of about 100,000, don't overlook the almost certain savings of this high-speed, precision process. Send sketch, blueprint or sample part and our engineers will furnish facts about Multi-Swage economy. Or, write for Catalog. The Bead Chain Manufacturing Co., 88 Mountain Grove St., Bridgeport, Conn.

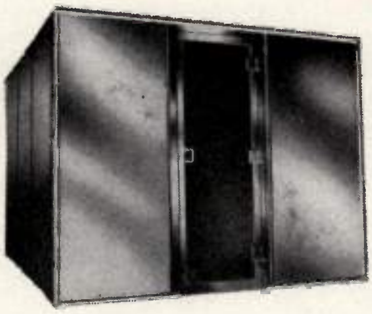


BEAD CHAIN MULTI-SWAGE PROCESS

TRADE MARK

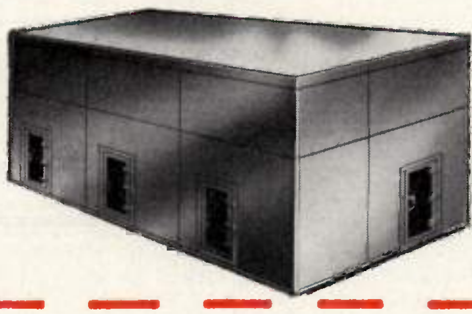
Shielding, Inc.

enclosure experts*

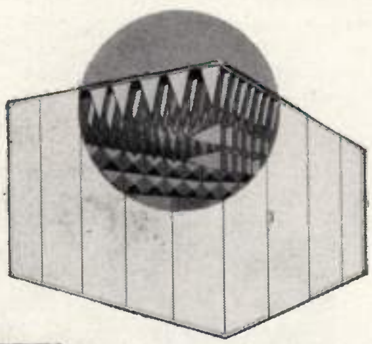


Ex'perts*(eks'purts), n. (F) Expert or experienced persons; hence, those who have special skill or knowledge in a subject; specialists.

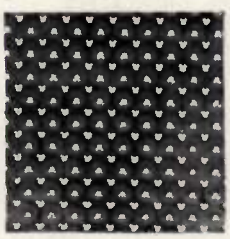
SHIELDING'S RF Enclosures are available in an unlimited variety of sizes, these enclosures are designed and engineered to provide maximum attenuation and durability. Incorporated into these enclosures are such special features as: complete erection from the inside, solid floor construction (tile finish), interchangeable panel construction, versatile door design with four way swinging action or our special flush threshold door design, waveguide-type ventilation, filter panel or solid construction, etc.



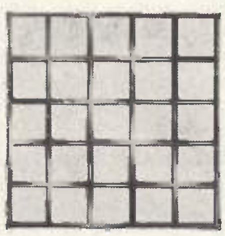
SHIELDING'S Dust-free Enclosures are designed to provide the highest degree of "freedom from contamination" (particles removed down to ½ a micron). Shielding's design and engineering know-how combine to produce a hermetically sealed enclosure which may be both temperature and humidity controlled. (RF Shielding Feature — optional).

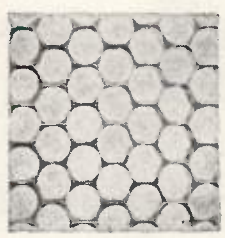


SHIELDING'S Anechoic Chambers are offered with 24 gauge zinc clad steel Electro-Armorply panels. Two types are available — shielded or partially shielded. Recognized and tested absorber materials can be supplied to meet mechanical and power dissipation requirements. Unique magnetic backing allows ease in installation and provides exceptional versatility of arrangement. Present applications are found in the simulation of free space conditions and for indoor radiation pattern measurements for frequency ranges of a few hundred megacycles and up.



AEEL Gasket material effectively suppresses seam leakage despite contact with anodized, oxidized or coated surfaces.





Square Venting Material (up to 2") and Honeycomb Venting Material is now available. With these new venting materials, many variations in waveguide air vent sizes are possible.

SHIELDING, INC.

RIVERTON, NEW JERSEY

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Solid State Counter-Timers

Eldorado's Model 1050 is the first direct digital counter in the 100 Mc/s range. Model 1060 Counter-Timer measures time intervals with 10 nanosecond resolution. By using a digital interpolator, Eldorado improves this resolution to .05 nanosecond—the equivalent of a 20,000 Mc/s direct counting time interval meter. Further, this instrument is also capable of all direct counting applications up to 100 Mc/s. Ask for Bulletin 1060.

IMPROVE RESOLUTION OF EXISTING COUNTERS

Model 1040 and 1045 two-digit prescalers improve existing 1 Mc/s or faster counters to 100 Mc/s; slower counters by a factor of 100. Eldorado also furnishes Model 1055 Pre-time Interval Meter for converting existing counters to time interval meters with 10 nanosecond resolution. Write for details.

Digital Delay Generator

Eldorado is first to offer—on special order—precision digital delay generators with presettable time intervals or pulse delays from 0 to 100 microseconds in 10 nanosecond or 1 nanosecond steps. The delay can be started by continuous or random pulses *without* the $\pm 1/2$ cycle ambiguity inherent in conventional gated oscillator type delay generators.

HIGH SPEED DIGITAL DATA PROCESSING SYSTEMS

Eldorado is capable of producing sophisticated data handling systems for a wide range of military and industrial applications. To this field Eldorado brings many years of experience. Eldorado engineers have refined the technique of the "building block" approach to systems engineering with the result that customers are provided with products which fit their requirements exactly with no compromises and no unused or extra features. Please send short description of your applications; we will send you estimate of time and expense involved.

PHOTOMETERS

Another Eldorado specialty. Model 201 Universal Photometer is a low cost general purpose instrument which can be used with virtually any commercial phototube or photomultiplier. Application include measurement of transmittance density, reflectance, opacity, luminescence, stellar photometry and spectrometry. Model 210 Differential Photometer is useful wherever the difference between two light values must be measured or recorded. It can also measure and record the intensities of two light sources independently. Please ask for data sheets.

Current Integrator

Model 110 provides continuous reading of input current and its time integral (total charge). Wide range, 10^{-9} —10^{-3} ampere, preset charge and remote control make this instrument well-suited for many laboratory and industry applications. Ask for Bulletin 110.

NUCLEAR INSTRUMENTS

Eldorado manufactures for nuclear laboratory use a line of solid state and vacuum tube scalers, pulse height analyzers, time analyzers, nanosecond time-to-pulse-height converters, and non-overloading linear amplifiers. Special nuclear systems are built to customer specifications. Let us know your requirements.

Eldorado Electronics

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Vitro 1961

MULTIPLE BANDWIDTH TELEMETRY RECEIVER

NEMS-CLARKE 1455

The 1455 approaches being the "universal" telemetry receiver—designed to provide a selectable bandwidth for PCM telemetry. IF/Demodulator Modules inserted through an opening in the front panel are available in bandwidths ranging from 100 mc. to 1.5 mc. With characteristics adjusted to the particular IF bandwidth, each module contains 3 independent demodulators: a Foster-Seeley Discriminator, a Phase-Lock Detector, and an AM envelope detector. Selection is provided by a front panel switch.

LIGHTWEIGHT TELEMETRY RECEIVER

NEMS-CLARKE 1907

Designed to tune over range of the receivers in two bands—30 to 60 mc., and 60 to 260 mc.—modern superheterodyne circuitry is utilized. A panel-mounted band selector controls a coaxial relay that automatically switches antenna output to selected band during single antenna operation, and each band has a separate RF unit, local oscillator, and mixer. Each antenna may be directly connected to its respective RF band in two antenna operation.

The mode selector switch on panel determines IF bandwidth and mode: 300 kc AM, 300 kc FM, 20 kc AM BFD.

Other features are an AM noise limiter and auxiliary equipment actuation facilities. Clipping action of the detector signal voltages is provided by the AM noise limiter. Limiting extent, depending on carrier level and modulation percent, is adjustable with a panel-mounted control.

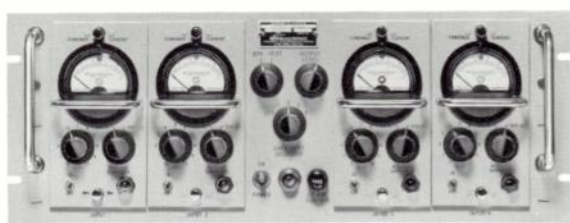
DUAL RANGE UHF RECEIVER

NEMS-CLARKE 2801

An extended coverage surveillance receiver, the 2801 tunes the spectrum between 250 and 1,000 mc., in two bands. Its AM, FM capability and bandwidth of 200 kc and 1 mc. permit its use for a wide variety of UHF data acquisition and monitoring applications. A carrier operated relay is provided to actuate auxiliary recording devices at pre-determined signal levels.

DIVERSITY COMBINER

NEMS-CLARKE DCA 1000A



This diversity combiner is for use in installations where up to four Nems-Clarke 1400 series receivers, with 500 kc and 100 kc bandwidths, receive the same RF transmission simultaneously from different antennas. Receiver outputs are connected to combiner inputs and the combiner mixes these signals into a single output — and signal-to-noise ratio is at least as good as the best s/n ratio.

When a combiner input has an s/n ratio much higher than others, output s/n ratio is equal to the high input. Also, when all input ratios are equal, output s/n is higher than any single input. Units will respond instantly to rapid changes in s/n ratios because combining is electronically achieved. While the DCA-1000A is designed to handle FM/FM and PDM/FM telemetry signals—they can be modified for non-standard signals.

Vitro 1961

PREAMPLIFIER
NEMS-CLARKE PR-203

For use with telemetering receivers, the PR-203 is weather-proofed and pressurized so that its location at the antenna won't encounter moisture problems. Line losses as high as 6 db will not decrease sensitivity of receiving system by more than a few tenths of a db. The pass band has a uniform response within 3 db over frequency range.

Assuming loss-less connecting cables are used, unit will improve noise figure of Nems-Clarke 1400 Series Receivers by approximately 3.5 db. This preamplifier has a self-contained power supply controlled from a 1¾ inch power control panel. Panel has a switch pilot light, current transformer, terminal block, and fuse.

VIDEO AND RF JACK PANELS
NEMS-CLARKE TYPES 948-B, 929

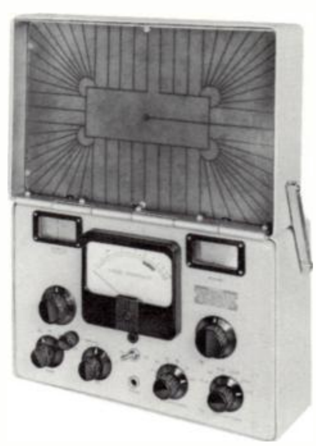
The 948-B panel has a 70 ohms nominal jack impedance, with 19x2⅛x2¾ inch dimensions. It has 48 jacks, is relay rack mounted, and has a 24-connector sub-chassis.

The 70 ohms Type 929 is 19x3½x2¾ inches in size, with 48 jacks. Relay rack mounted and finished in light umber gray, it has BNC connectors on back of panel.

SELF-NORMALLING JACK
NEMS-CLARKE TYPE 999*

This self-normalling jack is for use in applications where a "normal-through" condition is known to be of a semi-permanent nature. It accepts a Nems-Clarke 966A or 967 series patch cord plug for sampling or temporary re-routing. So used, the rear jack connection is automatically terminated to 70 or 50 ohm impedance. Removal of plug or patch cord automatically restores "normal-through" condition. VSWR of less than 1.25:1 at frequencies up to 260 mc. is guaranteed. Minimum interload capacitance is achieved by wide electrical separation of parallel conductors, bringing the figure well below 60 db down at 260 mc.

*Patent applied for.



FIELD INTENSITY METER
NEMS-CLARKE TYPE 125

This is a lightweight, portable instrument for measurement of a wide range of radio signal intensities in the 1.6 to 5 mc. range. Sensitivity range from 10 uv per meter to 10 v per meter makes it equally effective for interference studies at low signal strengths, and for close-in measurements on high-power directional arrays.

The 125 is particularly suited to consulting, and broadcast station engineers for use in transmitter proof-of-performance reports. This is described under Rule 3.47 (a) (5) on pages 2-290 to 2-300, Fifth Edition of the NAB Engineering Handbook.

Designed for field applications, the unit operates from internal batteries.

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Model	Scale Divisions	Totalizes	Accuracy
S-100	1/5 sec.	6000 sec.	±.1 sec.
S-60	1/5 sec.	60 min.	±.1 sec.
SM-60	1/100 min.	60 min.	±.002 min.
S-10	1/10 sec.	1000 sec.	±.02 sec.
S-6	1/1000 min.	10 min.	±.0002 min.
S-1	1/100 sec.	60 sec.	±.01 sec.
MST	1/1000 sec.	.360 sec.	±.001 sec.
MST-500	1/1000 sec.	30 sec.	±.002 sec.

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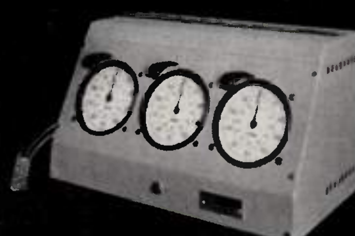
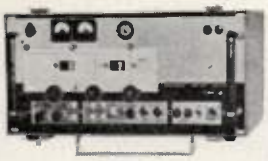
Used on Farrel-Birmingham Banbury® mixer.



Incorporated on Kodak IV-C and 5S Color Printers.

Lavoie INSTRUMENTS

for precision measurement and analysis



LA-70A
FREQUENCY METER

The LA-70A offers exceptional accuracy, fine tuning stability, and portability. It is uniquely suited to meet FCC requirements for .0005% tolerance of fixed station transmitters in the 50-1000 Mc range. The companion LA-71 Deviation Meter provides rapid and accurate measurement of peak frequency deviation over a center frequency range of 5 Mc to 1000 Mc.

Price LA-70A $1,595.
LA-71 $ 490.

LA-593
PULSE GENERATOR

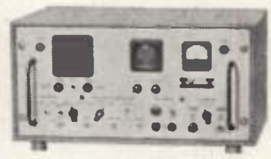
A versatile double-pulse generator with wide range control and excellent pulse shape. The amplitude of each pulse is separately adjustable. The LA-593 performs excellently in the testing of network transient response, checking delay lines, and in measuring AVC circuit recovery time.

Price .... $1,175.

LA-90
FREQUENCY STANDARD

A completely self-contained package, including power supply, this 5 Mc frequency standard provides exceptional stability of 1 part in 10^9 per day. A new approach to crystal oven regulation results in shifts of less than 0.01°C over several months of operation. Six standard output frequencies.

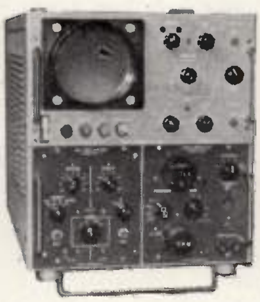
Price .... $1,950.



LA-800D
WWV FREQUENCY COMPARATOR

The LA-800D is the first to provide an accurate means for continuous monitoring of local frequency standards without frequency dividers or synchronous clock. Instantaneous accuracy is better than 1 part in 10^7. Receives either the 5.0 or 15.0 Mc WWV transmission.

Price .... $985.



LA-270
OSCILLOSCOPE

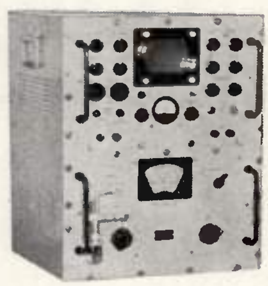
Incorporating new design concepts in sync systems and circuitry, the LA-270 features high sensitivity (.05 V/CM), DC to 70 Mc (down less than 3 db at 70 Mc), and full 6 CM vertical deflection. A rugged, militarized unit with all circuitry built into removable modular constructed assemblies.

Basic Unit $1,985.
S-70 high Gain Pre-Amplifier Plug-in $ 175.
D-70 Dual Trace Pre-Amplifier Plug-in $ 285.

LA-80
ELECTRONIC COUNTER

The only 10 megacycle counter with directly coupled in-line readout. Binary conversion is eliminated by a true decade system. Time base stability is ±one part in 10^8 per day. Ten cycles to ten megacycles frequency range, with extended ranges available. The LA-80 offers outstanding reliability with minimum maintenance.

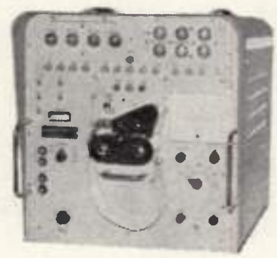
Price .... **$2,500.**



LA-18M
SPECTRUM ANALYZER

The bench-size LA-18M is one of a line of Lavoie spectrum analyzers featuring high stability and wide range in compact units. Unique detachable waveguide mixers provide versatility and adaptability at low cost. Range of the LA-18M is 10 Mc to 44,000 Mc.

Price .... **$4,950.**



LA-303
ROBOTESTER

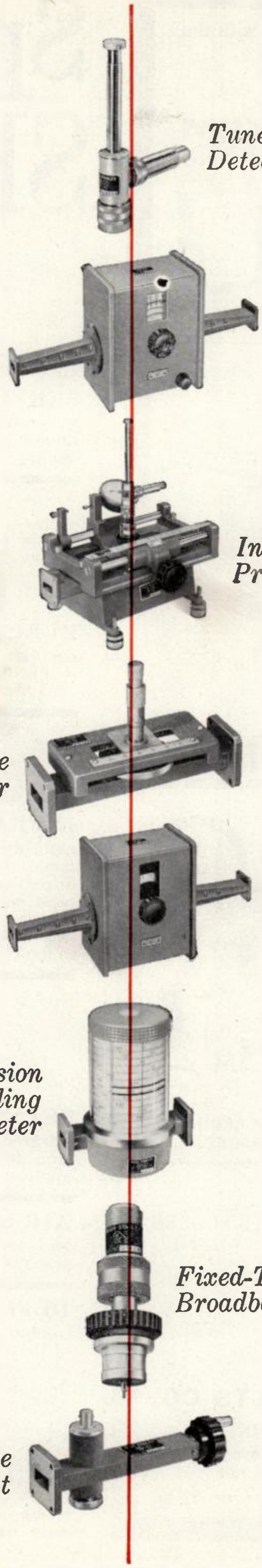
High speed sampling and comparison reduce production line checkout and operational test time 80%. Pre-programmed acceptance standards guarantee exact measurements of resistance, insulation resistance, voltages AC and DC, and impedance. Accessories permit handling of complex problems and provide complete test systems built on Robotester capabilities.

Price .... **$5,600.**

Write for complete technical information.

Lavoie Laboratories, Inc.

MORGANVILLE, NEW JERSEY



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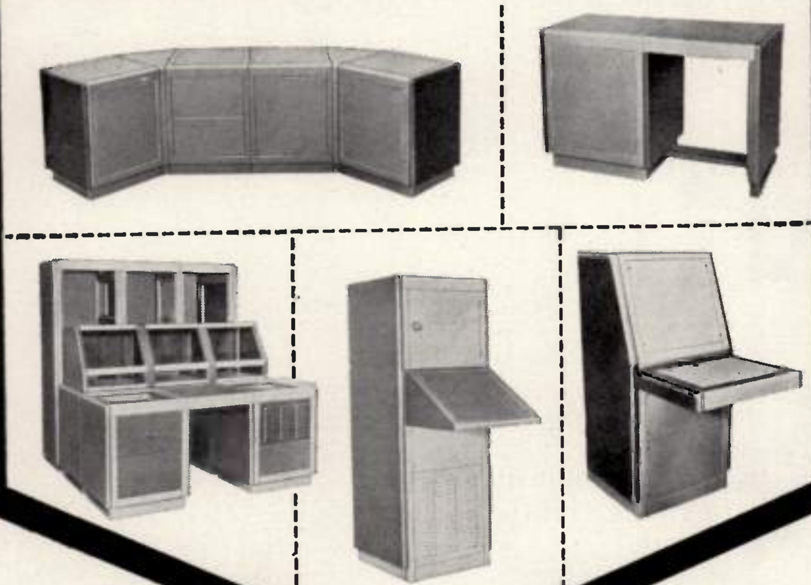
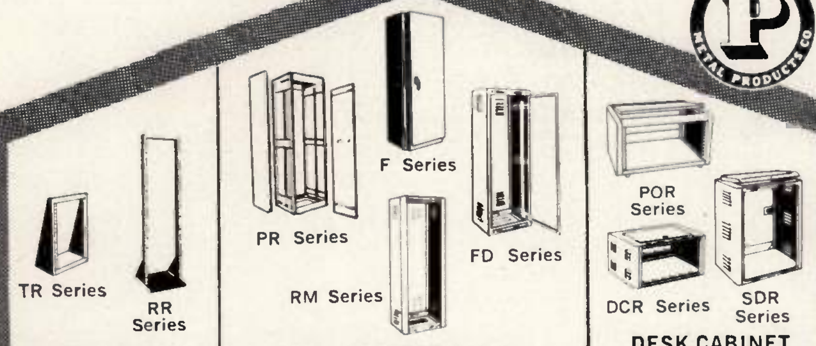


PACKAGE WITH PREMIER



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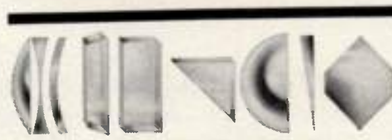

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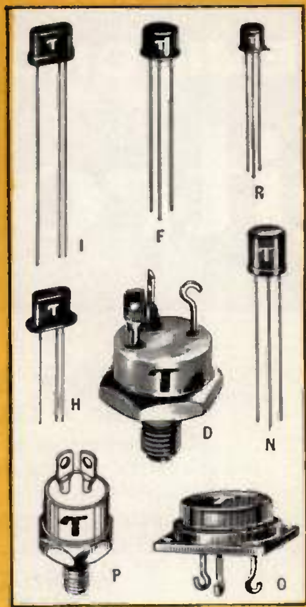


SMALL SIGNAL

For Complete Information write for Bulletin TE-1353

Type	Minimum Common Emitter Current Gain, β	Maximum Collector Voltage V_{ce} Peak (Volts)	Typical Cut-Off Frequency (MC)	Maximum Collector Cut-Off Current @ 25°C. at V_c max (μa)	Package
FAST SWITCHING					
2N728 (ST6008)	20	30	150	5	R
2N729 (ST6010)	20	15	150	5	R
2N754	20	60	30	1	R
2N755	20	80	30	1	R
LOW LEVEL INPUT					
2N1247 (ST1026)	15 @ 5 μa (D.C.)	6	5	.005 (@ 3V)	F
LOW NOISE					
2N1248 (ST1050)	15	6	5	.01 @ 3V	F
GENERAL PURPOSE					
2N336	78	45	13	50	F
ST904	18	30	9	10	I
ST905	36	30	10	10	I
MILITARY					
USN 2N332	9	45	7	50	F
USN 2N333	18	45	9	50	F
USN 2N335	37	45	10	50	F
USN 2N337	20	45	20	50	F
USN 2N338	45	45	30	50	F
USN 2N117	9	30	8	10	H
JAN 2N118	18	30	10	10	H
USN 2N119	36	30	11	10	H
HIGH RELIABILITY*					
2N543A	80	45	15	0.5	F
2N480A	40	45	11	0.5	F
2N475A	20	45	10	0.5	F

*NOTE — These transistors are 100% reliability assurance processed.

MEDIUM POWER

For Complete Information write for Bulletin TE-1355

Type	Maximum Power Dissipation at 100°C Case (Watts)	Maximum Collector Voltage V_c max (Volts)	Minimum D.C. Common Emitter Current Gain, β	Typical Collector Saturation Voltage (Volts)	Package
HIGH VOLTAGE					
2N547	5	60	20 @ 500ma	3V @ 500ma	F
2N549	5	60	20 @ 200ma	2.5V @ 200ma	F
2N551	5	60	20 @ 50ma	1V @ 50ma	F
2N498	2.5	100	12 @ 200ma	4V @ 200ma	F
2N657	2.5	100	30 @ 200ma	4V @ 200ma	F
2N1054	5	125	20 @ 200ma	2.5V @ 200ma	F
2N1055	5	125	20 @ 50ma	1V @ 50ma	F
FAST SWITCHING					
2N545	5	60	15 @ 500ma	3V @ 500ma	F
2N546	5	30	15 @ 500ma	2V @ 500ma	F
2N696	1	60	20 @ 150ma	1V @ 150ma	F
2N697	1	60	40 @ 150ma	1V @ 150ma	F
HIGH BETA					
2N1116	5	60	40 @ 500ma	3V @ 500ma	F
2N1117	5	60	40 @ 200ma	2.5V @ 200ma	F
1 WATT					
2N339A	1.2	60	20 @ 5ma**	1V @ 20ma	N
2N340A	1.2	85	20 @ 5ma**	1V @ 20ma	N
2N341A	1.2	125	20 @ 5ma**	1V @ 20ma	N
2N342	400mw*	60	9 @ 5ma**	2V @ 20ma	N
2N343	400mw*	60	28 @ 5ma**	2V @ 20ma	N

*Ambient temperature rating
**A.C. current gain

INTERMEDIATE POWER

For Complete Information write for Bulletin TE-1355

Type	Maximum Collector Voltage V_c (Volts)	Typical D.C. Common Emitter Current Gain β	Typical Collector Saturation Resistance (ohms)	Typical D.C. Input Voltage (Volts)	Package
2N1647	80	30 @ 500ma	1.5 @ 1 amp	2 @ 1A	T
2N1648	120	30 @ 500ma	1.7 @ 1 amp	2 @ 1A	T
2N1649	80	50 @ 500ma	1.5 @ 1 amp	2 @ 1A	T
2N1650	120	50 @ 500ma	1.7 @ 1 amp	2 @ 1A	T

HIGH POWER

For Complete Information write for Bulletin TE-1355

Stud Package (D)	Flange Packaged (O)	Maximum Collector Voltage V_c (Volts)	Minimum D.C. Common Emitter Current Gain, β	Typical Collector Saturation Resistance (ohms)	Typical D.C. Input Voltage
2N1616	2N1210	60	15 @ 2 amps	.8 @ 2 amps	1.2 @ 2A
2N1617	2N1211	80	15 @ 2 amps	.8 @ 2 amps	1.2 @ 2A
2N1618	2N1620	100	15 @ 2 amps	.8 @ 2 amps	1.2 @ 2A
2N1212	2N389	60	12 @ 1 amp	3 @ 1 amp	5 @ 1.5A
2N1208	2N1250	60	15 @ 2 amps	1.5 @ 2 amps	2.5 @ 2A
ST415	2N424	80	12 @ 1 amp	3.5 @ 1 amp	5 @ .75A
ST450	ST440	60	10 @ 1 amp	5 @ 1 amp	6 @ 1A

SILICON DIODES

FAST SWITCHING

For Complete Information write for Bulletin TE-1350

DIFFUSED					
Type	Maximum Inverse Operating Voltage (Volts)	Maximum Average Forward Current @ 25°C (ma)	Maximum Recovery Time (μsec)	Military Types	Package
1N643	180	40	0.3	USA	A-1
1N658	100	200	0.3	USA	A-1
1N659	50	100	0.3		A
1N660	100	100	0.3		A
1N661	200	100	0.3		A
1N662	90	40	0.5	USA	A-1
1N662A	90	200	0.5		A
1N663	90	60	0.5	USA	A-1
1N691	70	200	0.8*		A
1N693	180	200	0.8*		A
1N808	100	100	0.3		A
1N809	200	100	0.3		A
1N840	40	300	0.3		A
1N906	20	50	0.004‡		A
1N914	75	10	0.004‡		A
1N922	100	500	0.03		A
1N928	100	20	0.15		A
*Switching from 500ma to 40 volts ‡10ma to 6 volts					
BONDED					
1N251	30	30	0.15	JAN	A-1
1N252	20	40	0.15		A
1N993	8	20	0.004		A

FEATURES

- Operation to 200°C
- High forward conductance
- High voltage ratings
- Fast switching time
- Low shunt capacitance
- Subminiature size

HIGH CONDUCTANCE SILICON DIODES and SUBMINIATURE RECTIFIERS

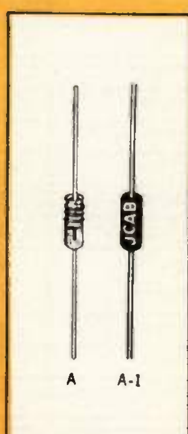
For Complete Information write for Bulletin TE-1350

HIGH CONDUCTANCE					
Type	Maximum Inverse Operating Voltage (Volts)	Maximum Average Forward Current at 150°C (ma)	Maximum Inverse Current at 150°C (μa @ V)	Military Types	Package
1N457	60	25	5 @ 60	JAN	A-1
1N458	125	25	5 @ 125	JAN	A-1
1N459	175	25	5 @ 175	JAN	A-1
SUBMINIATURE RECTIFIERS					
Type	Maximum Inverse Operating Voltage (Volts)	Maximum Average Forward Current at 150°C (ma)	Maximum Average Inverse Current at Rated Voltage (μa)	Military Types	Package
1N645	225	150	15 @ 100°C	USAF	A-1
1N646	300	150	15 @ 100°C	USAF	A-1
1N647	400	150	20 @ 100°C	USAF	A-1
1N648	500	150	20 @ 100°C	USAF	A-1
1N649	600	150	25 @ 100°C	USAF	A-1

GERMANIUM DIODES

FEATURES

- High forward conductance
- Fast switching time
- Low inverse currents
- Excellent stability
- Small size



Very fast switching types

	1N994	1N995	
Recovery time (10ma $I_{fwd.}$ 6V Inverse to 3ma Inverse with 120 ohms resistive load	.002	.006	μsec max.
Forward Voltage drop @ 10ma	1.0	.5	volts max.
Inverse current @ −6 volts	30.0	10.0	μa max.
Maximum inverse voltage rating	8.0	15.0	volts
Maximum temperature	75.0	75.0	°C
Components S570G and S555G refer to package A			

For Complete Information write for Bulletin TE-1319

Specifications and ratings at 25°C

Type	Minimum Forward Current at +1V (ma)	Maximum Inverse Current at Specified Voltage (μa @ V)	Maximum Operating Voltage (volts)	Description
1N270	200	100 @ −50	80	JAN TYPES (Package A-1)
1N277	100	250 @ −50 @ 75°C 75 @ −10 @ 75°C	100	
1N276	40	100 @ −50	50	
1N281	100	500 @ −50 30 @ −10	60	
1N283	200	20 @ −10	20	COMPUTER TYPES (Package A)
1N695 1N695A	100	2 @ −10 20 @ −10 @ 70°C 10 @ −20	20	
T16G	40	100 @ −50 20 @ −10	60	
1N278	20	125 @ −50 @ 75°C	50	HIGH TEMPERATURE TYPES (Package A)
T20G	20	500 @ −50 @ 75°C 30 @ −10 @ 75°C	50	
T22G	40	20 @ −10 @ 75°C	15	
T9G	100	20 @ −50 2 @ −10	60	HIGH RESISTANCE TYPES (Package A)
T13G	40	2 @ −10	20	

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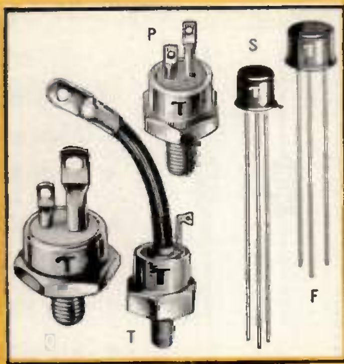
CONTROLLED RECTIFIERS & SWITCHES



SILICON CONTROLLED RECTIFIERS

For Complete Information write for Bulletin TE-1356

Type	Minimum Peak Reverse Voltage and Minimum Forward Breakover Voltage (volts)	Maximum Average Forward Current at 100° C case (amps)	Package Configuration	Package
TCR4050	400	50**	1 1/16" hex	T
to TCR550	50	50**	1 1/16" hex	T
TCR1020	100.	10.	1 1/16" hex	Q
to TCR4020	400.	10.	1 1/16" hex	Q
TCR1010	100.	5.0	1 1/16" hex	Q
to TCR4010	400.	5.0	1 1/16" hex	Q
TCR1005	100.	3.0	7/16" hex	P
to TCR4005	400.	3.0	7/16" hex	P
2N1600	50.	3.0*	7/16" hex	P
to 2N1604	400.	3.0*	7/16" hex	P
2N1595	50.	1.0*	TO-5	F
to 2N1599	400.	1.0*	TO-5	F
TCR1001	100.	1.0*	TO-5	F
to TCR4001	400.	1.0*	TO-5	F
TSW31S	30.	0.2†	TO-18	S
to TSW201S	200.	0.2†	TO-18	S

*At 80°C case **At 90°C †At 75°C ambient

TRANSWITCHES

For Complete Information write for Bulletin TE-1357

Type	Service	Minimum Breakover Voltage V_{BO} (Volts)	Maximum Forward Current I_F (ma)	Maximum Gate Current to Turn-On I_G On (ma)	Maximum Gate Current to Turn-Off I_G Off (ma)	Package
TSW-31	Military	30	50	1.0	10	
TSW-101A	Military	100	100	1.0	15	S
SW-30	Commercial	30	30	1.5	10	

CONTROLLED SWITCHES

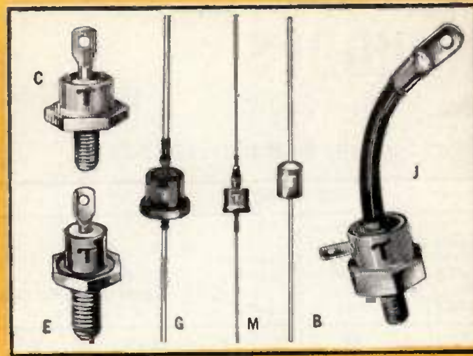
For Complete Information write for Bulletin TE-1356

Type	Minimum Breakover Voltage V_{BO} (Volts)	Maximum Current Range (ma)	Maximum Gate Current to Turn-On (ma)	Typical Output Capacitance (μμf)	Package
TSW-31S	30	1 to 200	.02	5	S
TSW-101S	100	1 to 200	.02	5	S

BINISTORS

For Complete Information write for Bulletin TE-1360

Type	Service	Maximum Collector Voltage (V_{CE})	Maximum Critical Injector Current (ma)	Maximum Collector Cutoff Current (μA) 25°C	Maximum Collector Cutoff Current (μA) 150°C	Maximum Temperature Range (°C)
3N56	Military	15	0.5	0.2	10	−65 to +150
3N57	Commercial	15	0.5	0.2	—	−55 to +100



SILICON RECTIFIERS

Ratings at 150°C

For Complete Information write for Bulletins TE-1351 and TE-1336

Type	Maximum Average Forward Current (Amps)	Peak Recurrent Inverse Voltage (Volts)	Maximum Inverse Current (ma)	Package
TK21	.5	200	.2	M
TK41	.5	400	.2	M
TK61	.5	600	.2	M
1N2506 (SL710)	.1	1000	.2	G
1N2507 (SL712)	.1	1200	.2	G
1N2508 (SL715)	.1	1500	.2	G
1N538 (JAN)	.25	200	.35	G
1N540 (JAN)	.25	400	.35	G
1N547 (JAN)	.25	600	.35	G
1N2069‡	.5	200	.2	B
1N2070‡	.5	400	.2	B
1N2071‡	.5	600	.2	B
1N253* (JAN)	1.0	95	.1	E
1N254* (JAN)	0.4	190	.1	E
1N255* (JAN)	0.4	380	.15	E
1N256* (JAN)	0.2	570	.25	E
TM67	3	600	.5	E
TM47	3	400	.5	E
TM124	1	1200	.5	E
TM104	1	1000	.5	E
TM155	0.4	1500	.5	E
1N249A	20	100	5	C
1N250A	20	200	5	C
TR402	20	400	5	C
1N411B	50	50	15	J
1N412B	50	100	15	J
1N413B	50	200	15	J
TH402B	50	400	15	J

*JAN TYPES Rated at 135°C Case Temperature ‡Ratings at 100°C

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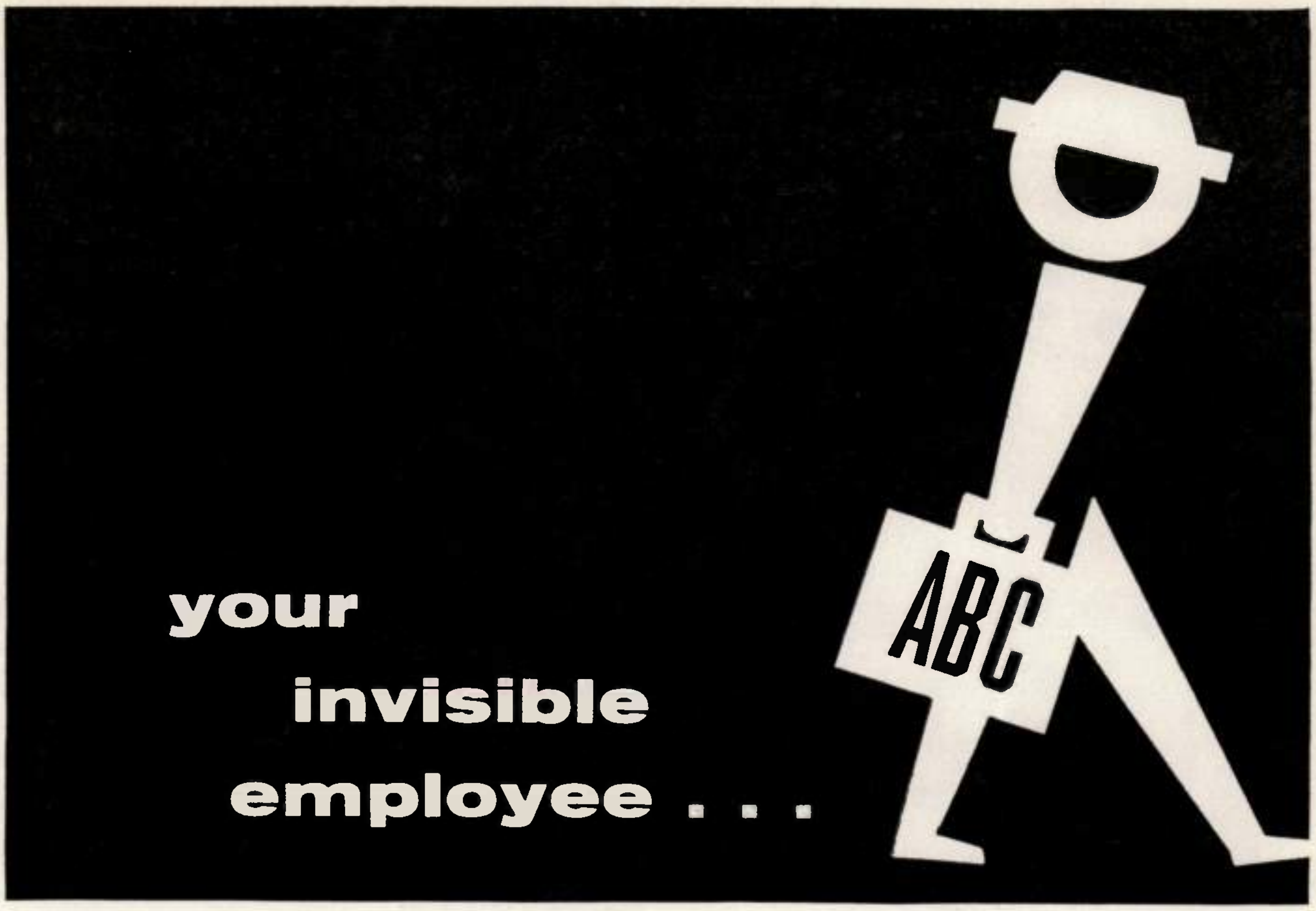

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One of the most popular power supplies on the market. Completely redesigned for greater ruggedness and convenience of operation. Widely used for powering electronic equipment and for routine breakdown and insulation testing. Output voltage is well filtered D.C. which is adjustable with convenient front panel control. Input is 115 Volt, 60 cycle A.C. Larger 6" precision 1% mirror scale movement available on order. Regulated models offer closely stabilized output voltage regardless of line or load changes.

Model	Max. Voltage	Regulated 100 Microamps	Unregulated 1 MA.	Unregulated 5 MA.
6000-1	1,000		$150.00	$200.00
6000	2,500	120.00	175.00	225.00
6005	5,000	135.00	200.00	250.00
6010	10,000	145.00	225.00	275.00
6015	15,000	155.00	250.00	300.00
6025	25,000	205.00	275.00	350.00

Note. Regulated power supplies are of the radio frequency type and adjust from approximately 20% to full rated voltage. The 1 and 5 milliampere types are transformer operated and have a range of zero to full voltage output. These are recommended for industrial service applications.

Mirror Scale Higher Accuracy Meter. Recommended for more exact calibration or test purposes. Add $50.00 to any meter equipped power supply.

For additional built-in current meter (both meters are 3 inch size), including automatic meter protector circuit, add $50.00 to any power

INDUSTRIAL POWER SUPPLIES

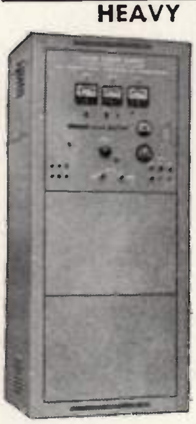
Regulated Types Available

Standard hum level 5% or less. .01% to 1% ripple available. All power supplies have automatic overload cutout control circuits. Regulated models available.

These industrial type power supplies are built for service and efficiency. All are of the transformer type and employ husky components that have been selected for their power handling capacity. Controls are arranged so that operation is greatly simplified and a number of safety features are built in for maximum protection of personnel and equipment. Output is continuously variable from zero to full rated value. Polarity reversing models (as illustrated) can be had at additional cost.

Model	Voltage	Current	Price
F-500V	0-500	3 Amp	$800.00
F-6001	0-1000	2 Amp	975.00
F-6002	0-2000	1 Amp	985.00
F-6003-A1	0-3000	100 MA	375.00
F-6003-AV	0-3000	500 MA	550.00
F-6003-AK	0-3000	1 Amp	1100.00
F-6005-A1-H	0-5000	100 MA	550.00
F-6005-AV	0-5000	500 MA	750.00
F-6005-A1K	0-5000	1 Amp	1200.00
F-6010-A1	0-10,000	100 MA	800.00
F-6020-A05	0-20,000	50 MA	975.00
F-6050-T	0-50,000	½ MA	600.00
F-6100-T	0-100,000	½ MA	1100.00

HEAVY DUTY POWER SUPPLIES

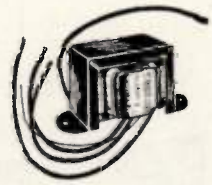


For use in applications where high voltages at extra high currents are required. Illustrated is our 100 KW Model, rated for 0 to 7,000 Volts at 14 Amperes DC. This unit is housed in a single convenient cabinet. Output voltage is regulated against line and load changes. Voltage is smoothly adjustable from zero to full output. Automatic circuits protect against overvoltage or over current conditions, turning off main power in a split second. Use of special transformer construction allows constant load drain at full rated output. All power supplies in this series are available with fixed or adjustable output and with or without regulation.

Model	Voltage	Current
A-10	0-1000	5 amperes
A-30	0-3000	5 amperes
A-31	0-3000	10 amperes
A-32	0-3000	20 amperes
A-50	0-5000	5 amperes
A-51	0-5000	10 amperes
A-72	0-7000	15 amperes
A-100	0-10,000	5 amperes
A-110	0-10,000	10 amperes
A-300	0-30,000	5 amperes

TRANSFORMERS, HIGH VOLTAGE

For experimental, industrial, or production use. These units are small and compact and rated for constant service. Primary designed for 115 Volts, 60 Cycle. Secondary is isolated. Only standard models are listed. We can wind specials for any frequency or voltage. Metering windings available.



Model	Voltage	Model	Voltage
1 KVT	1 KV	10 KVT	10 KV
2 KVT	2 KV	15 KVT	15 KV
3 KVT	3 KV	25 KVT	25 KV
5 KVT	5 KV	50 KVT	50 KV

PACKAGED POWER SUPPLIES

These conveniently packaged power units will be found ideal for applications requiring minimum size and weight. Features isolated high voltage terminals permitting either the positive or negative side to be grounded. Rectifier tubes are operated from separate filament transformers so that DC output voltage can be varied from zero to full rated value. Selenium rectifier types have extra cells to assure operation under high line voltage or light loading. All standard units have well filtered DC output. Power packs with AC output available on order.

Model	Output Voltage	Current	Model	Output Voltage	Current
05-KV-5MA	500 Volts DC	5 Ma.	20-KV-1MA	20 KV DC	1 Ma.
1-KV-5MA	1 KV DC	5 Ma.	20-KV-5MA	20 KV DC	5 Ma.
2-KV-5MA	2 KV DC	5 Ma.	30-KV-1MA	30 KV DC	1 Ma.
5-KV-1MA	5 KV DC	1 Ma.	30-KV-5MA	30 KV DC	5 Ma.
5-KV-5MA	5 KV DC	5 Ma.	50-KV-1MA	50 KV DC	1 Ma.
10-KV-1MA	10 KV DC	1 Ma.	50-KV-5MA	50 KV DC	5 Ma.
10-KV-5MA	10 KV DC	5 Ma.	75-KV-1MA	75 KV DC	1 Ma.
15-KV-1MA	15 KV DC	1 Ma.	100-KV-1MA	100 KV DC	1 Ma.
15-KV-5MA	15 KV DC	5 Ma.			

CONSTANT CURRENT POWER SUPPLIES

Designed for application where output current must remain constant regardless of loading resistance changes. Used for magnet fields, plating applications, gaseous lamps. Dependable magnetic current stabilizer has no moving parts, no tubes, no transistors to replace. Simply set current to desired level, no balancing or other adjustments needed. Ideal for lamp operation since operating state ionizing voltage in no way affects lamp current. Standard hum level 5%. Lower hum levels available on order.

Model	Maximum Voltage	Maximum Current
C-25-700	25 Volts	700 Amperes
C-70-70	70 Volts	70 Amperes
C-500-10	500 Volts	10 Amperes
C-Duel 500-10	500 or 1,000 Volts	10 or 20 Amperes
C-800-2	800 Volts	2 Amperes
C-1000-100	1000 Volts	100 Amperes

Duel 500 V - 500 V, 10 Ampere Power Supply. Isolated outputs may be seried or paralleled.

AC INSULATION AND BREAKDOWN TESTERS

Used in testing insulation where AC voltages are desired. Dual instruments are also available which provide choice of AC or DC output with simple toggle switch selection. Units include kilovolt-meter, current meter and automatic overload cutout circuits.

Model	Voltage	VA	Price AC	Price AC and DC
3000	0 to 3,000	75	$150.00	$250.00
3010	0 to 3,000	300	250.00	400.00
3050	0 to 3,000	1,500	500.00	650.00
3100	0 to 6,000	3,000	700.00	1,100.00
5000	0 to 5,000	75	175.00	300.00
1000	0 to 10,000	75	200.00	350.00
1500	0 to 15,000	75	250.00	AC only
2500-AC	0 to 25,000	75	400.00	AC only
2500-DC	0 to 25,000	75	DC only	400.00

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Alloy 815-R—A lower density, higher resistivity iron-chromium-aluminum resistor material that gives you 14% more ohms per pound. Noted for strength, ductility, resistance to wear and corrosion. Resistivity: 815 ohms/cmf at 20° C. Temp. Coeff.: 0 ± 10 ppm/° C. from — 65° to +150° C.

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Chromel-P/[illegible]—The world's standard base metal thermocouple combination for measuring operating temperatures in laboratory and heat treat furnaces—jet engines, nuclear reactors. Accuracy is guaranteed to close specified limits over the entire range from —300° to +2300° F.

Chromel-P/Copel-XM—A basic thermo-electric alloy combination used primarily as thermopiles to actuate and control operating temperatures of domestic furnaces, hot water heaters, stoves, ranges and other types of heating equipment. Noted for accuracy and reliability in service.

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Chromel-AA—A new modified 80-20 type nickel-chromium resistance alloy developed especially for use in controlled atmosphere furnaces. It is highly resistant to corrosion, carburization, oxidation and "green rot" over the entire range of operating temperatures up to 2150° F.

Chromel-C—A 60-16 nickel-chromium-iron alloy used primarily as heating elements in small domestic appliances and other devices that require high resistance in limited space for operating temperatures up to 1700° F. Also used as cold resistor alloy in current-temperature controls.

Chromel-D—A time proven low nickel heating element alloy developed for use in controlled atmosphere furnaces required to operate in the critical temperature range between 1500° and 1800° F. It is highly resistant to corrosion, possesses exceptional mechanical stability.

Alloys 815, 835 and 875—Three superior iron-chromium-aluminum resistance alloys for use at operating temperatures up to 2150°, 2250° and 2350° F. respectively. Suitable for certain types of appliances, industrial furnaces and kilns where proper supports can be provided.

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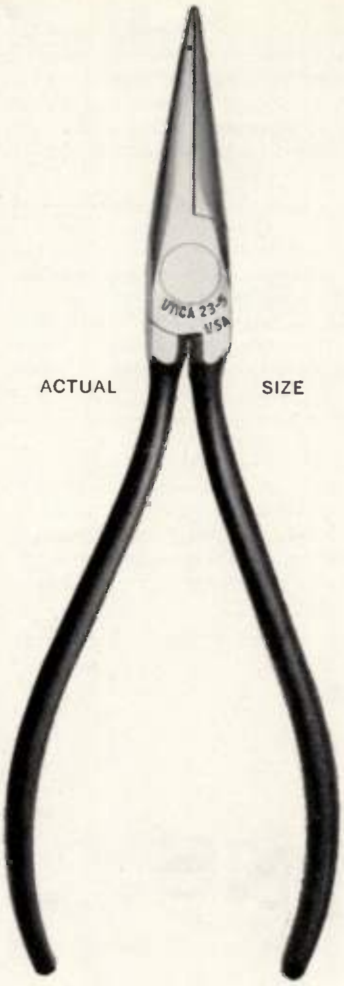

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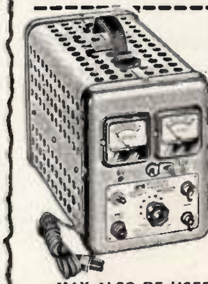
12T-RME (12 volts) 90 to 125 watts. Shipping weight 12 lbs. DEALER NET PRICE. $33.00
*Additional Models Available



ATR "A" Battery ELIMINATOR

For Demonstrating and Testing Auto Radios—TRANSISTOR or VIBRATOR OPERATED!

Designed for testing D.C. Electrical Apparatus on Regular A.C. Lines—Equipped with Full-Wave Dry Disc-Type Rectifier, assuring noiseless, interference-free operation and extreme long life and reliability.

MAY ALSO BE USED AS A BATTERY CHARGER
MODEL 610C-ELIF . . . 6 volts at 10 amps. or 12 volts at 6 amps. Shipping weight 22 lbs.
DEALER NET PRICE $49.95
MODEL 620C-ELIT . . . 6 volts at 20 amps. or 12 volts at 10 amps. Shipping weight 33 lbs.
DEALER NET PRICE $66.95

AUTO-RADIO VIBRATORS ATR

By every test ATR Auto-Radio Vibrators are best! . . . and feature Ceramic Stack Spacers, Instant Starting, Large Oversized Tungsten Contacts, Perforated Reed, plus Highest Precision Construction and Workmanship and Quiet Operation!
There is an ATR VIBRATOR for every make of car!
Ask your distributor for ATR's Low Priced type 1400, 6 volt 4-prong Vibrator; and 1843, 12 volt 3-prong; or 1840, 12 volt 4-prong Vibrator. **THE WORLD'S FINEST!**

There is a trim plate kit for YOUR CAR!

ATR CUSTOMIZED KARADIO

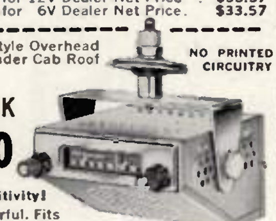
Vibrator-Operated with Tone Control

ATR KARADIO . . . is ideal for small import cars or compact American cars! Unit is completely self-contained—extremely compact! Powerful 8-tube performance provides remarkable freedom from engine, static, and road noises. The ATR Customized Karadio comes complete with speaker and ready to install. Can be mounted in-dash or under-dash—wherever space permits! No polarity problem. Neutral Gray-Tan, baked enamel finish. Overall size, 7″ deep, 4″ high, and 6½″ wide. Shipping weight, radio set, 7 lbs.
Model K-1279—12 for 12V Dealer Net Price . $33.57
Model K-1279— 6 for 6V Dealer Net Price . $33.57

Airplane Style Overhead Mounting under Cab Roof

NO PRINTED CIRCUITRY

ATR TRUCK KARADIO



Excellent Tone, Volume, and Sensitivity!

Compact, yet powerful. Fits all trucks, station wagons, most cars and boats. Just drill a ⅝ inch hole in roof and suspend the one-piece unit (aerial, chassis and speaker) in minutes. Watertight mounting assembly holds antenna upright. Yoke-type bracket lets you tilt radio to any angle.
Extra-sensitive radio has 6 tubes (2 double-purpose), over-size Alnico 5 PM speaker for full, rich tone. Big, easy-to-read illuminated dial. Fingertip tuning control. Volume and tone controls. 33-in. stainless steel antenna. Neutral gray-tan enameled metal cabinet, 7 x 6½ x 4 in. high over-all. Shipping weight 10½ lbs.
Model TR-1279—12A for 12V Dealer Net Price $41.96
Model TR-1279— 6A for 6V Dealer Net Price $41.96

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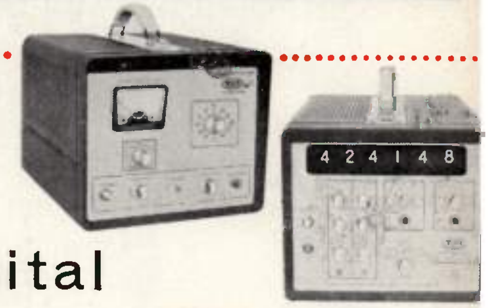

This is the industry's only **100% Solid-State** line of Digital Timer/Counter/Frequency Meters

- **Optimum Reliability** Solid-state design runs cool. Improved circuitry yields wider operating margins.
- **Ultra-Compact** Function for function, the smallest, lightest package available.
- **In-Line Nixie Readout** No reading ambiguity.
- **High Sensitivity** Unique TSI "level-sampling" amplifier. Highest gain-bandwidth product. Eliminates duty-cycle anomalies.
- **Exceptional Stability** Exclusive crystal-oven design and low-level, buffered oscillator circuitry.
- **Complete Flexibility** Standard two-channel models provide all needed functions, plus self-test Mode. (See chart)
- **Pre-Designed Options** Available on short delivery at modest add'l charge: Printer readout, programmable preset, programmable attenuation, BCD formats, etc.

MODEL	COUNTING RATE, PPS	NUMBER OF DIGITS	CRYSTAL CLOCK RATE	NUMBER OF CHANNELS	FUNCTIONS* C	F	FR	P	PD	FS	SIZE† STYLE°	SENSITIVITY MV RMS	ACC'Y STABILITY
361	$0\text{-}10^6$	6	1MC	2	√	√	√	√	√	√	A/C	10.	± 1 count ± 3 parts in 10[illegible] per week
361-R	$0\text{-}10^6$	6	1MC	2	√	√	√	√	√	√	3½"/R	10.	
363	$0\text{-}10^7$	7	1MC	2	√	√	√	√	√	√	A/C	25.	
363-R	$0\text{-}10^7$	7	1MC	2	√	√	√	√	√	√	3½"/R	25.	
365	$0\text{-}10^7$	7	10MC	2	√	√	√	√	√	√	A/C	25.	± 1 count ± 5 parts in 10[illegible] per week
365-R	$0\text{-}10^7$	7	10MC	2	√	√	√	√	√	√	5¼"/R	25.	
365-RC	$0\text{-}10^7$ plus extender to 220MC	7	10MC	2	√	√	√	√	√	√	5¼"/R	25.	
365-RP	$0\text{-}10^7$ (Programmable)	7	10MC	3	√	√	√	√	√	√	5¼"/R	25.	
371	$0\text{-}10^6$	6	1MC	1	√	√		√		√	A/C	10.	same as 361
371-R	$0\text{-}10^6$	6	1MC	1	√	√		√		√	3½"/R	10.	
373	$0\text{-}10^7$	7	1MC	1	√	√		√		√	A/C	25.	
373-R	$0\text{-}10^7$	7	1MC	1	√	√		√		√	3½"/R	25.	
375	$0\text{-}10^7$	7	10MC	1	√	√		√		√	A/C	25.	same as 365
375-R	$0\text{-}10^7$	7	10MC	1	√	√		√		√	5¼"/R	25.	
420	Freq. extender 10MC-220MC	—	—	1	—						A/CX	2.0	—
420-R	Freq. extender 10MC-220MC	—	—	1	—						3½"/RX	2.0	—
430	Period Multiplier X100	—	—	1	—						A/CX	—	—
430-R	Period Multiplier X100	—	—	1	—						3½"/RX	—	—

*C = Counts action per Time interval; F = Frequency; FR = Frequency ratio, A/B; P = Period; PD = Period A to B; FS = Frequency standard outputs brought out.

†A = 8¾" x 10¼" x 12½" cabinet, inch dimension is panel height on rack units.
°C = Bench cabinet, CX = occupies part of cabinet, R = st'd 19" rack, RX = st'd half-rack (9½" wide).

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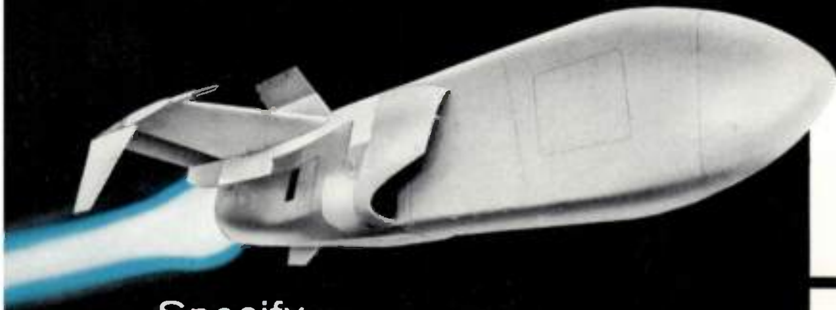
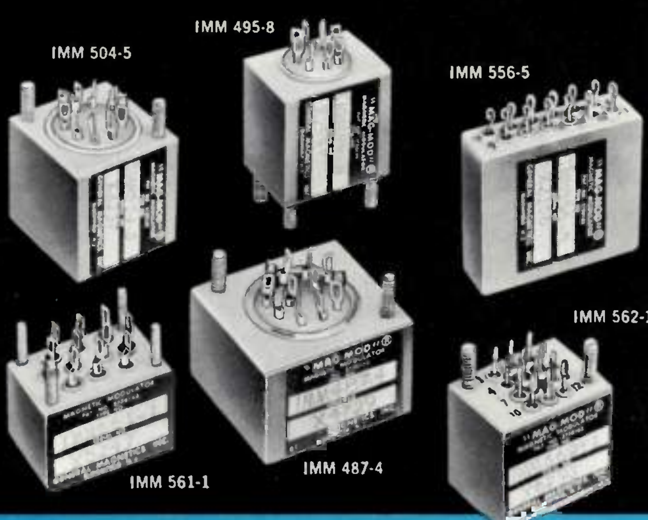
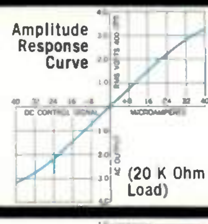


Specify —

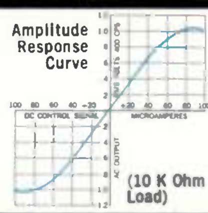
"MAG MOD"®
miniaturized
MAGNETIC MODULATORS





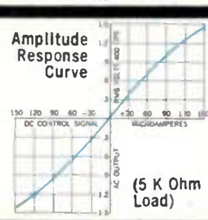
Input Magnetic Modulator
Type No. IMM 487-4

Subminiature "MAG MOD"® featuring high input signal sensitivity and high AC output impedance. Male or female mounting.



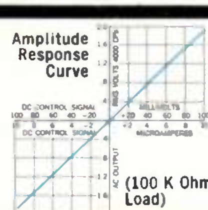
Input Magnetic Modulator
Type No. IMM 495-8

Subminiature "MAG MOD"® featuring wide band width, multiple signal input circuits, extreme zero stability from −65°C to +135°C, low null amplitude or noise level. Mounting available male or female.



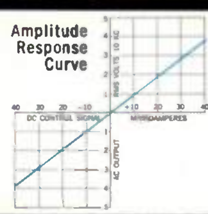
Input Magnetic Modulator
Type No. IMM 504-5

Subminiature "MAG MOD"® featuring low input and output impedance, resistance vs. temperature compensated input, extreme zero stability, repeatability and insignificant hysteresis. Supplied with male or female mounting.



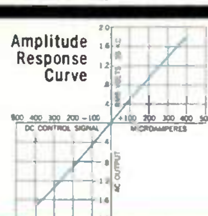
Input Magnetic Modulator
Type No. IMM 562-1

Subminiature "MAG MOD"® featuring 4 KC carrier operation, wide frequency band width, high output impedance and voltage range. Mounting male or female.



Input Magnetic Modulator
Type No. IMM 561-1

Subminiature "MAG MOD"® featuring low carrier energy level operation, very wide frequency band width, wide output operating range, minimum size and weight. Mounting male or female. May be mounted directly on printed circuit boards.



Input Magnetic Modulator
Type No. IMM 556-5

Subminiature "MAG MOD"® featuring high frequency carrier operation (35 KC), flat construction for printed circuit mounting, low output impedance and clean output fundamental frequency wave form. Mounting supplied male or female.

Designed for Subminiature Circuit Assemblies and Printed Circuit Card Configurations

New miniature designs of these reliable "MAG MODS"® make them ideal for incorporation into transistorized printed circuit assemblies. There is no sacrifice of dynamic response. They offer the engineer/designer the solution to problems involved in a wide range of data systems where analog circuit operations are encountered. To insure complete flexibility, the mechanical mounting on any "MAG MOD" may be modified to conform to your particular packaging requirements.

- **1% repeatability throughout entire service life**
- **Negligible hysteresis**
- **Faster response time**
- **Extreme stability over a wide temperature range**
- **Infinite service life**
- **Extremely lightweight — compact design**

GENERAL MAGNETICS • INC
135 BLOOMFIELD AVENUE, BLOOMFIELD, NEW JERSEY, U. S. A.

See reverse side for specifications

Specifications for General Magnetics' Sub-Ouncer Line of "MAG MOD" miniaturized MAGNETIC MODULATORS

TYPE NUMBER	IMM 487-4	IMM 495-8	IMM 504-5	IMM 562-1	IMM 561-1	IMM 556-5
Excitation Carrier Voltage and Frequency	115 V @ 400 cps	115 V @ 400 cps	115 V @ 400 cps	2.5 V RMS @ 4 KC	1.0 V RMS @ 10 KC	6 to 10 V RMS @ 35 KC
Control Signal Winding DC Resistance	Winding No. 1 6200 ohms Winding No. 2 7400 ohms	Signal Winding No. 1 550 ohms Signal Winding No. 2 600 ohms	1000 ohms	Signal Winding 1300 ohms Feedback Winding 160 ohms	200 ohms	5000 ohms
Input Control Signal Range	0 to ±40 μa Each Winding	0 to ±100 μa (Both Sig. Windings in Series)	0 to ±100 μa	0 to ± 100 μa 0 to ± 1 V Bipolar	0 to ±400 μa	0 to ±400 μa
Amplitude Modulated AC Output Range	3 V RMS @ 400 cps Phase Reversing	0 to 1 V RMS @ 400 cps Phase Reversing	0 to 1.5 V RMS @ 400 cups Phase Reversing	0 to 6 V RMS @ 4000 cps Phase Reversing	0 to 3 V RMS @ 4 KC Phase Reversing	0 to 1.8 V RMS @ 35 KC Phase Reversing
Differential Gain RMS mv AC Out/μa Signal In	100 mv/μa	15 mv/μa	10 mv/μa	200 mv/μa	10 mv/μa	4.2 mv/μa
Null Amplitude (Noise Level) mv RMS	25 mv RMS Maximum	5 mv RMS Maximum	10 mv RMS Maximum	30 mv RMS Maximum	10 mv RMS Maximum	20 mv RMS Maximum
Output Impedance	Approx. 30 K ohms	1600 ohms	1000 ohms	Approx. 70 K ohms	Approx. 40 K ohms	900 ohms Each Output Wind.
External Load (Suggested)	Approx. 20 K ohms	Approx. 10 K ohms	Approx. 5 K ohms	Approx. 100 K ohms	Approx. 100 K ohms	1000 ohms Each Output Wind.
Null Drift (In terms of Input Signal) −65°C to +135°C	Less than ±0.25 μa Over Temp. Range	Less than ±0.25 μa Over Temp. Range	±1 μa Maximum Over Temp. Range	±0.5 μa Maximum Over Temp. Range	±1 μa Over Temp. Range	±2 μa Over Temp. Range
Hysteresis (% of Input Control Signal)	0.5% Maximum	0.5% Maximum	0.5% Maximum	Approx. 0.5%	0.5% Maximum	0.5% Maximum
% Harmonic Distortion in Output AC Modulated Envelope	Approx. 40% (3rd Harmonic)	Approx. 25% (3rd Harmonic)	Approx. 30% (3rd Harmonic)	Approx. 15% (3rd Harmonic)	Less Than 10% (3rd Harmonic)	Approx. 5% (3rd Harmonic)
Overall Dimensions (In Inches)	1¼ x 1⅛ x ¾	¾ x 1 x 1	1 x 1 x 1	1 x 11/16 x ⅞	11/16 x 1 x ⅝	7/16 x 1⅜ x 1¼
Type of Mounting	4-40 Studs or Inserts	4-40 Studs or Inserts	4-40 Studs or Inserts	4-40 Studs or Inserts	2-56 Studs	4-40 Tapped Holes or Studs
Weight in Ounces	Approx. 1.25	Approx. 1	Approx. 1.1	0.75	0.6	1
Response Time (Band Width cps)	0.01 sec. for 15 K Sig. Source Imp. (12 cps Corner Frequency)	20 cps for 10 K Sig. Source Imp. 25 cps for 20 K Sig. Source Imp. (Both Sig. Windings in Series)	5 cps for 1 K Sig. Source Imp. 10 cps for 5 K Sig. Source Imp. 20 cps for 10 K Sig. Source Imp.	70 cps for 10 K Sig. Source Imp. (Time Constant Approx. 2 Milli-Seconds)	Corner Frequency 2 KC for Sig. Source Imp. of Approx. 6 K ohms	Corner Frequency 200 cps for 600 ohm Signal Source Imp. or 1000 cps for 5 K Source

Magnetic Multiplying Modulator Model MCM 515-1

The MAGNETIC MULTIPLIER is a miniaturized magnetic modulator specifically designed to deliver an analog output voltage which is the continuous product of two variable input voltages. One of these is an excitation voltage which varies over a pre-determined range; in this case, 0 to 1 VRMS 400 cycles per second. The other signal is a DC current which varies between 0 and ±400 μa. The output voltage is 400 cycles AC, and is always in phase or 180° out of phase with the variable excitation or fixed reference, i.e., in phase when the variable amplitude DC signal is positive, and 180° out of phase when the DC signal is negative. The general schematic is illustrated in Fig. 1. The relationship between variable alternating supply signal voltage E_S, variable direct current control signal E_C, and the alternating load voltage E_L having a sinusoidal wave shape is denoted by the equation—

$$E_L = \text{Constant} \times E_S \times E_C.$$

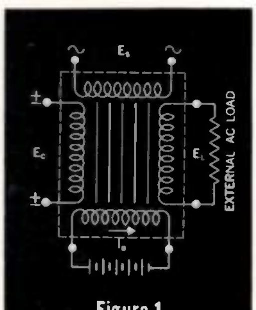


Figure 1

This expression, which defines the fundamental principle of the four quadrant MAGNETIC MULTIPLYING MODULATOR, can be clearly illustrated by linear transfer response curve families as shown at right, in Figure 2-A and Figure 2-B.

Illustrating:

(1) Load voltage E_L as a function of alternating supply signal voltage E_S with control DC signal voltage E_C as a parameter.

(2) Load voltage E_L as a function of control DC signal voltage E_C with alternating supply voltage, E_S as a parameter.

With linearity response curves held to within approximately 1 to 2% of theoretical straight lines, the product accuracy of the fundamental equation will be within 2 to 5% of the theoretical product.

SPECIFICATIONS MODEL MCM 515-1	
Variable Excitation Carrier Voltage and Frequency	Variable AC Signal 0 to 1 V RMS 400 cps
Control Signal Winding DC Resistance	DC Signal Winding Resistance 2650 ohms
Input Control Signal Range	Variable DC Signal 0 to ±400 μa
Amplitude Modulated AC Output Range	0 to 0.9 V RMS @ 400 cps Phase Reversing
Null Amplitude (Noise Level) mv RMS at Max. AC Excitation	5 mv RMS
Output Impedance	Approx. 3500 ohms
External Load (Suggested)	Approx. 25 K ohms
Null Drift (In terms of Input Signal) −65°C to +135°C	±2 μa over Temperature Range
Hysteresis (% of Input Control Signal)	0.5% Maximum
% Harmonic Distortion In Output AC Modulated Envelope	Less than 5%
Overall Dimensions (In Inches)	27/32 x 27/32 x 1 3/16
Type of Mounting	4-40 Insert or Stud
Weight	Approx. 1 Ounce

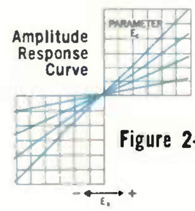


Figure 2-A

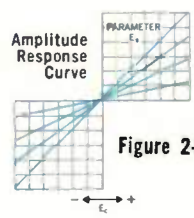


Figure 2-B

Typical "Mag Mod"® Applications—Circuit applications for MAGNETIC MODULATORS include algebraic addition, subtraction, multiplying, raising to a power, controlling amplifier gain, mechanical chopper replacement in DC to fundamental frequency conversion, filtering and low signal level amplification.

Consult General Magnetics—For magnetic amplifier components of proven reliability. These dependable instruments are widely employed in automatic flight systems, fire control, analog computers, guided missiles, nuclear equipment, antennas, gun turrets, commercial power amplifiers and complete control systems. Miniature, subminiature, standard and customized types available.

Call or write for new Brochure 102 on "MAG MOD" Miniaturized Magnetic Modulators and Magnetic Multiplying Modulators. Please address inquiries on company letterhead.

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CUBIC DIGITAL VOLTMETERS

V-45

A fully transistorized stepping switch digital voltmeter featuring accuracy, ruggedness, simple operation, and economy.

FEATURES

Logic Circuitry: Transistor controlled switch drive for minimum wear.
Amplifier: Transistorized, low noise, reliable.
Transistors: Only three types used.
Common Mode Rejection: Floating input, 80 db rejection at 60 cps. Input filter for 50 db rejection at 60 cps with 24 db/octave at higher frequencies.
Reference: Encapsulated, temperature compensated, rapid warm-up.
Mounting: Bench or rack, dust cover for acoustic/terminal isolation.

SPECIFICATIONS

Absolute Accuracy: 0.01% ±1 digit (rms sum of system tolerances).
Input: Floating (to 500v), front panel connections.
Input Impedance: 10 megohms at balance.
Ranges: Three manual, with 10% overrange ±0.000 to 10.99v d-c.
Sensitivity: 1 millivolt with control of 1 to 10 digits and standby.
Bridge Linearity: 0.003%.
Balance Time: Less than 2 sec. average.
GENERAL: Power, 105 to 125v a-c, 35 watts; operates to 55°C; weight, 26 lbs.; 19″ wide, 5¼″ high, 14″ deep.

$940

V-45P

Printer Drive version of V-45 with same features and specifications for use with ten-line parallel entry printer.

$1540

V-46

Auto-Ranging and Polarity version of V-45. Ranges ±0.000 to 999.9v d-c.

$1340

V-46P

Printer Drive configuration of V-46 with connections to accommodate polarity and range printing of ten-line decimal information.

$1940

ACCESSORY DIGITAL INSTRUMENTATION

These accessory modules widen the scope of each voltmeter and provide a complete high-accuracy laboratory or industrial system at a new low cost.

AC-45

A compact, high-accuracy converter featuring full floating input, stability, and simple operation.

SPECIFICATIONS

Accuracy: ±0.25% FS, calibrated rms of sine wave (full wave average response circuit).
Input: Grounded, or floating to 500v d-c, 10 megs/ 60 uuf upper ranges, 1 meg/90 uuf lower range. CMR 70 db at 60 cps between signal and chassis ground.
Sensitivity: 1 millivolt.
Range: 0.000 to 1099.9v a-c, manually selected; 60 cps to 5 kc.
GENERAL: Rack or bench mounting; 19″ wide, 3½″ high, 14″ deep; weight, 17 lbs.; power, 7 va at 115v a-c, 60 cps.

$590

AO-45

A transistorized preamplifier/ohmmeter combination of simple and reliable operation.

SPECIFICATIONS

Accuracy: Linearity and adjustable gain to ±0.01% of full scale.
Response: 0.01% in 2 seconds for full scale input step.
Input Impedance: 1000 megohms on x10, x100 ranges; straight through on x1.
Input Noise: Less than 10 uv, d-c to 10 cps, referred to input.
Output Range: ±10 volts into 10 megohm load.

OHMMETER (when used with V-45)

ACCURACY	CURRENT THRU UNKNOWN	OHMS/DIGIT	FULL SCALE
.01% & 1 digit	10 ma	.1	1099.9 ohms
.01% & 1 digit	1 ma	1.0	10.999 K ohms
.01% & 1 digit	.1 ma	10.0	109.99 K ohms
.02% & 2 digits	10 ua	100.0	1.0999 M ohms
.02% & 2 digits	1 ua	1000.0	10.999 M ohms

GENERAL: Full floating, guard shield on amplifier or ohmmeter functions.
3½ inch panel for rack mounting or bench use.
Power receptacle on back powers other equipment.

$980

A-45

Preamplifier extends 1 millivolt voltmeter to 10 microvolts sensitivity. Specifications same as amplifier section of AO-45 Ampli-Ohm.

$750

MS-2S

Scanner, like packages above, broadens the application of all voltmeters described on these pages.

SPECIFICATIONS

Input: 100 single-wire, 50 two-wire, or 20 four-wire. Gold contacts on all signal switching.
Controls: 2 digit, set and stop selector; Stop, Recycle, and External Mode selector. Set, Run, and Stop push-buttons.
Output: Isolated output contact closures, decimal code, for printout.
General: Self-contained power supply; weight, 22 lbs.; 19″ wide, 3½″ high, 14″ deep; rack or bench mounting.

$1000

CUBIC FAMILY
OF FINE DIGITAL INSTRUMENTS...

individually or as systems to serve industry

REED RELAY DIGITAL VOLTMETERS

V-70 A fully transistorized reed relay voltmeter offering speed, accuracy, simple operation, and low cost.

FEATURES

Logic Circuitry:	New design, with reed relays, reduces circuits to minimum.
Amplifier:	Transistorized for low-cost reliability.
Reference:	Encapsulated, temperature compensated, short warm-up.
Maintenance:	No scheduled adjustment or switch lubrication required.
Low Noise:	Long life reed relays practically silent.
Speed:	Fast balance with reliability.

SPECIFICATIONS

Absolute Accuracy:	0.01% ±1 digit (rms sum of system tolerances).
Input:	Floating (to 500v), front panel connections, with input filter IN-OUT switch.
Common Mode Rejection:	80 db at 60 cps.
Input Impedance:	10 megohms at balance.
Range:	Manual, ±0.000 to ±999.9v d-c with 1 millivolt sensitivity.
Balance Time:	500 ms average, 750 maximum.
Operating Range:	Up to 55°C.
Operating Modes:	Auto—Tracks variations in signal input. Single—Single reading on command.
GENERAL:	Operates 105-125v a-c, 60 cps, 30 watts; 19" wide, 5¼" high, 14" deep; bench or rack mounting, weight 28 lbs.

$1580

V-70P Printer Drive version of V-70 with same features and specifications, for use with ten-line parallel entry printer.

$2180

V-71 Auto-Ranging and Auto-Polarity version of V-70.

$2200

V-71P Reed Relay Digital Voltmeter with connections provided to drive ten-line decimal coded printer.

$2800

Any of the V-70 Series Reed Relay Digital Voltmeters will accept the AC-45 AC/DC Converter, AO-45 Ampli-Ohm, A-45 Preamplifier, or MS-2S 100-point Input Scanner.

PACKAGED DATA ACQUISITION WITH ECONOMY

S-46 A compact low-cost Digital Data System featuring 100 signal input scan points and giving 11-column printed data of signal polarity, range, and actual channel number being measured.

FEATURES

3 Basic Modules:	MS-2S Scanner, V-46P Voltmeter and 561B 11-column Printer; all mounted in attractive steel cabinet.
Expandable:	Blank panel covers 5½" of extra vertical space for AC-45 Converter, AO-45 Ampli-Ohm or A-45 Preamplifier.
Flexible Input:	Standard input connectors wired directly to scanner switch levels. 100 single-wire, 50 two-wire, or 20 four-wire input channels.
Accuracy:	0.01% ±1 digit, basic system. With AO-45 or A-45 resolution 100 uv or 10 uv per digit and x1 straight through. AC-45 tolerances additive.

$4290

S-70 A medium speed manual ranging Data System using Model V-70 Reed Relay Digital Voltmeter, with same specifications and accepting same accessories as the S-46 configuration.

$4650

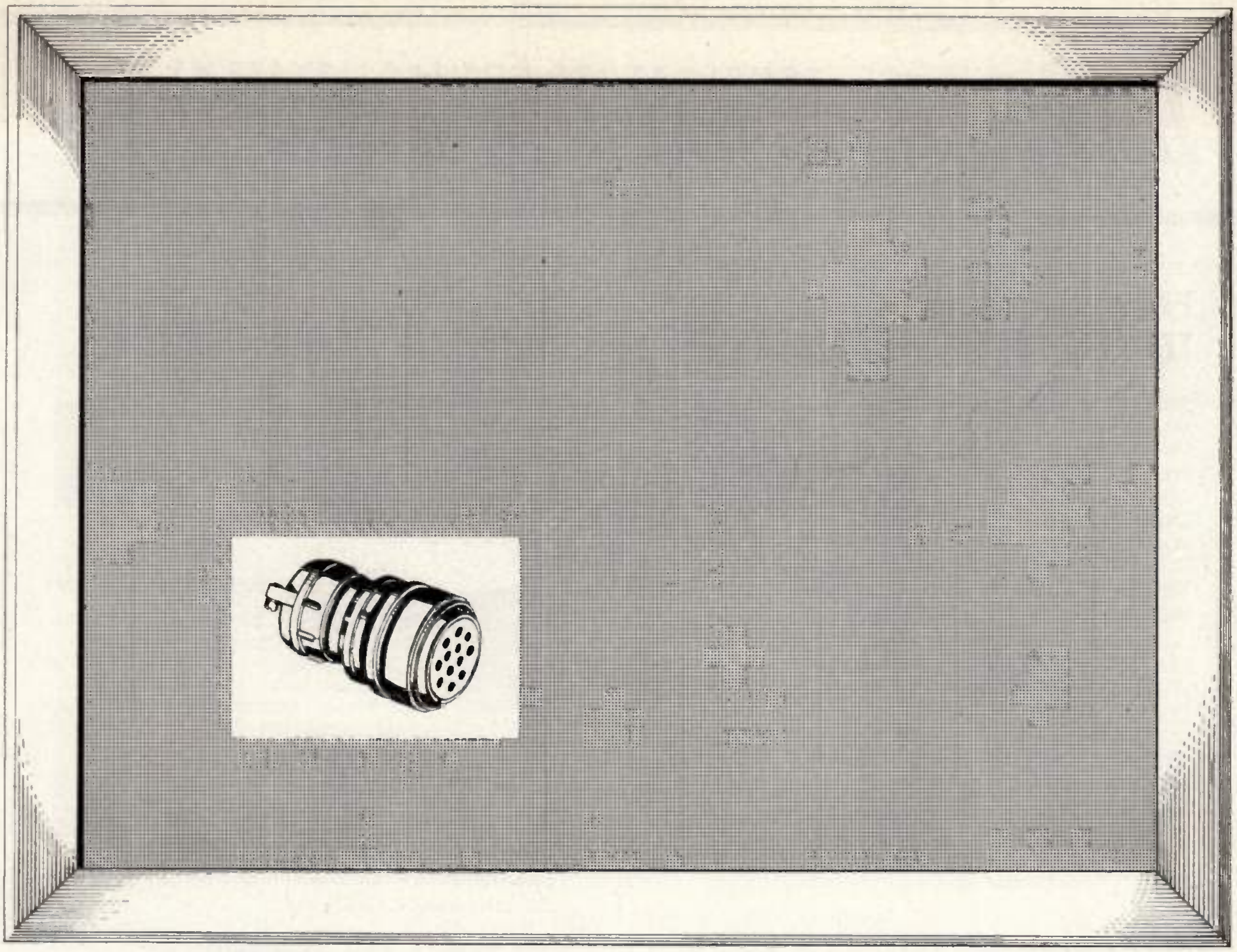
S-71 With identical accuracy specifications as the above two systems, the S-71 Digital Data System provides complete auto-ranging, auto-polarity indication and printing of signals measured.

$5270

Modifications to the above Digital Data Systems may be made to meet special technical requirements. Write or call Cubic Corporation for Specialized Digital Engineering Services.

cubic CORPORATION
INDUSTRIAL DIVISION
SAN DIEGO, U. S. A. ROME, ITALY
5575 KEARNY VILLA ROAD, SAN DIEGO 11, CALIFORNIA

Prices shown are subject to change without notice.
Export prices slightly higher.



The Avnet System

created a new Concept of Readiness--5 years ago!

The dots above represent Avnet's stock of different types in 1 particular line of components (in this case, connectors). There are over 70,000 dots. Avnet's assembly facilities enable them to supply over 70,000 different types of connectors in any quantities, to meet emergency and prototype requirements. This flexibility is what The Avnet System means by "Readiness" to fill an order. Any order.

Is this a *new* state of Readiness at Avnet? Did Avnet recently stock all their Centers? Did Avnet *rush* to set up Assembly Facilities for Bendix Connector Prototype Requirements?

No!

This state of Readiness at Avnet is 5 years old. 5 years ago Avnet foresaw today's electronic requirements and began stocking in *depth*. Then assembly facilities were set up to maintain a stock in *breadth*. Depth × Breadth × Flexibility × 8 Service-Stocking Centers × On-the-spot quality control × Thorough knowledge of assembly operations for prototype needs × 5 years experience actually doing it = Readiness. It's an old story at Avnet.

And each new day brings more and more companies who want to benefit by Avnet's unique, historic Readiness. Is *your* company among them?

AVNET

THE AVNET SYSTEM
Men / Methods / Materials / Management
AVNET ELECTRONICS CORP.

LOS ANGELES, CAL. • SUNNYVALE, CAL. • SEATTLE, WASH. • SALT LAKE CITY, UTAH • PHOENIX, ARIZ. • CHICAGO, ILL. • DAYTON, OHIO • WESTBURY, L. I. • BURLINGTON, MASS.

BENDIX SCINTILLA CONNECTORS	MECHANICAL PRODUCTS	SPERRY SEMICONDUCTORS	BABCOCK RELAYS	CONTROL SWITCH DIVISION	RHEEM SEMICONDUCTORS	CREMAR CONNECTORS
ROBERTSON SPLICE & CONNECTOR CASES	SPRAGUE CAPACITORS	KING SUBMIN. HI-TEMP CERAMIC CAPACITORS	TIC PRECISION TRIMMERS	U. S. SEMCOR SEMICONDUCTORS	SANGAMO CAPACITORS	MICRODOT CONNECTORS
CLARE RELAYS	AVNET AUTO. CONNECTOR AND CABLE TESTER	AVO MULTI-RANGE METERS	WIDNEY DORLEC CONSTRUCTIONAL SYSTEM	GENALEX TUBES	SULLIVAN PRECISION MEASURING APPARATUS	SERVO DESIGN AND TESTING EQUIPMENT

Mail me information on the components circled at left.

NAME:________________

TITLE:________________

(Clip this bottom section to your letterhead, mail to The Avnet System, Publications Section, 70 State Street, Westbury, Long Island, N. Y. Your request will be expedited within 90 minutes of receipt.)

TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

HARREL

TEMPERATURE CONTROL SYSTEMS
FILM TYPE HEATERS • GYRO ACCESSORIES
LOW LEVEL SIGNAL AMPLIFIERS

PROPORTIONAL TEMPERATURE CONTROLLERS

Reliable — Completely solid state. No vacuum tubes, moving parts or relays to wear out.
Precise — Control to a fraction of a degree.
Smooth Control—Furnish exact amount of steady power to hold temperature to desired value.
High Power — From a few watts to several kilowatts.
MIL Spec. — Meet all applicable MIL specs.
. . . for close temperature control of floated gyros, delay lines, or other electronic or industrial equipment. Models for 60 cps, 400 cps, or dc operation.

Pure DC Output Models

Same proportional control as standard, but output is pure dc for applications such as gyro test tables where noise output of relay or standard proportional controller is objectionable.

Oven Controls

Where really precise control of ovens is required. For crystal drawing, fractional distillation, etc. 500 watts to several kilowatts.

Relay Type Controllers

Where low initial cost is a prime requirement and close temperature control and extreme reliability of proportional control not needed.

Film Heaters

A new type of conductive plastic heater element. Flexible; only a few mils thick (including insulation); may be bonded to any surface. Uniform heat without "hot spots" of wire type heaters. Ideal for gyros, for block heaters, precision instruments or small chambers.

PLUS . . . Complete temperature control systems. Send us your requirements and let us quote on a complete temperature controlled enclosure for your equipment.

SINE WAVE GYRO SPIN MOTOR SUPPLIES

Wheel Transformers

Where 3-phase 400 cps line is available. Steps voltage down to level required by gyros. Good regulation; high efficiency; miniaturized. True 3-phase transformer to avoid harmonic interaction and line radiation.

Passive Element Phase Splitter

For driving gyros from a single-phase line. Converts single-phase to low voltage 2- or 3- phase required for gyro wheels. May be balanced to any specified load. Regulation adequate for most fire control or antenna stabilization gyros.

Amplifier Type Wheel Supply

For driving gyros from single-phase line. Low impedance amplifier output provides good regulation with changes in gyro load and environmental conditions.

Regulated Type

For driving inertial quality gyros from a dc source. Crystal countdown or tuning fork provides frequency regulation to any desired degree. High gain regulator slaved to internal voltage reference provides close control of voltage over wide range of load, input voltage, and environmental conditions. Less than 3% harmonic distortion.

Relay Amplifier

For control of power relay from low level circuits. Controls a 10-ampere relay from a 50-millimicrowatt signal.

Low Level DC Amplifiers

Amplifiers for ultra-low dc signals. Rugged and reliable. Operate from fractions of a microampere. Outputs to several kilowatts.

PLUS . . . Ultra-high gain servo amplifiers, torque drive amplifiers, modulator-demodulators, reference transformers, and complete sub-systems.

HARREL, *incorporated*

ALL UNITS COMPLETELY SOLID STATE
Hermetically sealed for maximum reliability.
Configurations to meet your needs. Outline your requirements.
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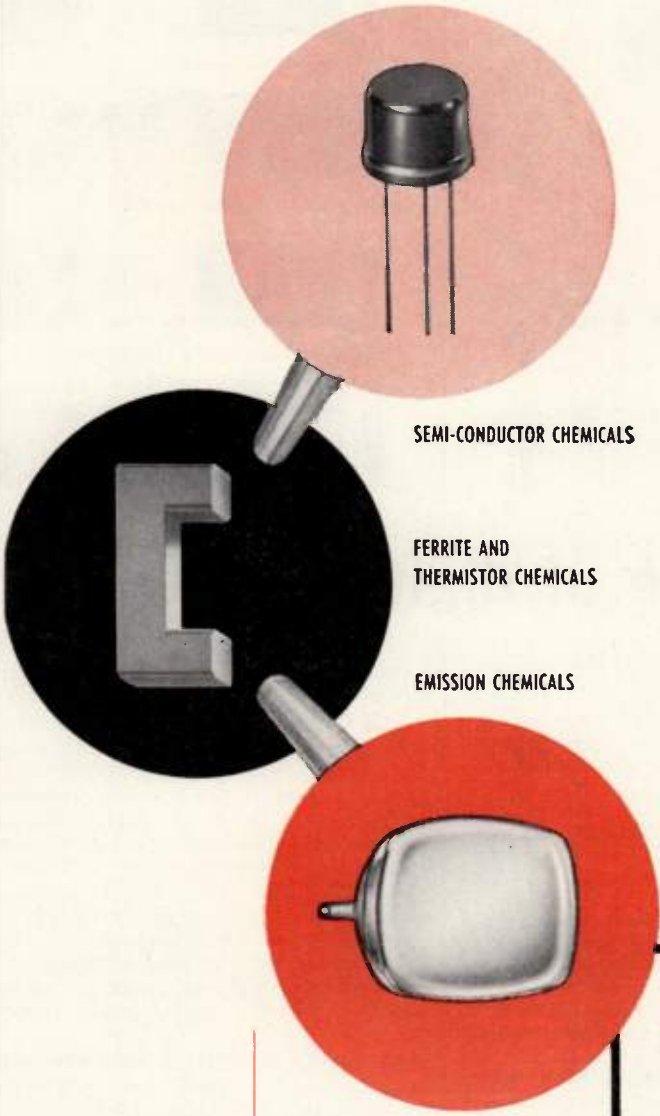
Highest purity precisely defined

to meet critical electronic manufacturing needs



J. T. Baker ELECTRONIC CHEMICALS

'Baker Analyzed' *Reagents*

THE J. T. BAKER ELECTRONIC CHEMICALS listed below offer you the highest standards of purity in the industry—*proved* by the most informative labeling in the industry. Every 'Baker Analyzed' label provides an Actual Lot Analysis that defines purity to the decimal; many also provide an Actual Lot Assay. Your variables are minimized... rejections are fewer... product performance is improved.

IMPORTANT. 'Baker Analyzed' Reagents have consistently met or exceeded the requirements of the electronics industry. Through a continuing program of establishing additional and more stringent specifications, *the 'Baker Analyzed' label consistently defines a degree of purity so high that special electronic labeling is unnecessary.* Prices are economical... deliveries are prompt and dependable in each marketing area.

J. T. BAKER ELECTRONIC CHEMICALS

Acetic Acid, Glacial	Cobalt Carbonate	Nickelous Nitrate
Acetone	Cobalt Oxide	Nickelous Sulfate
Aluminum Nitrate	Cobalt Nitrate	Nitric Acid
Aluminum Sulfate	Ether, Anhydrous	Petroleum Ether
Ammonium Carbonate	Hydrochloric Acid	Potassium Dichromate
Ammonium Chloride	Hydrofluoric Acid	Potassium Hydroxide
Ammonium Hydroxide	Hydrogen Peroxide,	iso-Propyl Alcohol
Ammonium Phosphate	30% and 3% Solution	Radio Mixture No. 3
Antimony Trioxide	Lithium Carbonate	Silicic Acid
Barium Acetate	Lithium Chloride	Sodium Carbonate
Barium Carbonate	Lithium Nitrate	Sodium Chloride
Barium Fluoride	Lithium Sulfate	Sodium Hydroxide
Barium Nitrate	Magnesium Carbonate	Sodium Phosphate Dibasic
Benzene	Magnesium Chloride	Strontium Carbonate
Boric Acid	Magnesium Oxide	Strontium Nitrate
Cadmium Chloride	Manganese Dioxide	Sulfuric Acid
Cadmium Nitrate	Manganese Nitrate	Toluene
Cadmium Sulfate	Manganese Sesquioxide	Trichloroethylene
Calcium Carbonate	Manganous Carbonate	Triple Carbonate
Calcium Chloride	Methanol	Xylene
Calcium Fluoride	Nickel Carbonate	Zinc Chloride
Calcium Nitrate	Nickel Oxide, Black	Zinc Nitrate
Calcium Phosphate	Nickel Oxide, Green	Zinc Oxide
Carbon Tetrachloride	Nickelous Chloride	

Yours for the asking—
Important guide to electronic chemicals.

Describes J. T. Baker chemicals of exceptional purity for semi-conductors, vacuum tubes, ferrites, thermistors, etc. Also includes specification sheets that define the high standards for 'Baker Analyzed' Reagents. Write for your complimentary copy *today!*

J.T.Baker

J. T. Baker Chemical Co.
Phillipsburg, New Jersey

TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.


V44 All-Electronic Voltmeter


M25 5-Digit Multi-Purpose Instrument


M24 Multi-Purpose Instrument


V24 Voltmeter-Ratiometer


R24 Ratiometer


V35A Voltmeter-Ratiometer


V34A Voltmeter-Ratiometer


481A Digital Voltmeter


484 Digital Voltmeter with Printout


784 Digital Ohmmeter with Printout


481 Digital Voltmeter

Most complete line of digital measuring

PREMIUM DIGITAL VOLTMETERS

V44 All-Electronic Voltmeter Purpose: measuring and data logging for high-speed applications requiring maximum reliability and dependable ±0.01% accuracy . . . 200 readings per sec. of DC voltages from ±0.001 to ±999.9 . . . output for data logging . . . 10 megs input impedance on all ranges without internal or external preamplifiers . . . no decade or amplifier potentiometers to trim; "NO POTS AT ALL" stability is designed in, not trimmed in. **Price: $6,150**

M25 5-Digit Multi-Purpose Instrument Purpose: applications requiring full 5-digit accuracy with relatively high speed, outstanding reliability, and versatility; missile systems checkout, inertial guidance research, unattended data logging, advanced R & D . . . fastest, most reliable, most versatile 5-digit DVM . . . in 1.1 sec. measures DC voltage from ±0.0001 to ±999.99, DC voltage ratio from ±.00001 to ±99.999, and resistance from 0.1 ohm to 1 megohm . . . accuracy ±0.01% of reading ±1 digit . . . 10 to 1000 megs input impedance . . . with accessories, measures AC voltage, AC voltage ratio or low-level DC . . . fully automatic . . . remotely programmable . . . output for data logging . . . transistorized circuitry, mercury-wetted contact relays. **Price: $6,150**

M24 Multi-Purpose Instrument Purpose: for 4-digit applications requiring M25 features . . . 1/3 sec. balancing time is three times faster than M25 . . . measures DC voltage from ±.0001 to ±999.9 and DC voltage ratio to ±.9999 with ±0.01% accuracy, resistance from 0.1 ohm to 1 megohm with ±0.05% accuracy . . . with accessories, measures AC voltage, AC voltage ratio, or low-level DC . . . transistorized circuitry, mercury-wetted contact relays. **Price: $5,650**

V24 Voltmeter-Ratiometer Purpose: uses requiring M24 features without the need to measure resistance. **Price: $4,950**

R24 Ratiometer Purpose: especially useful in analog computers and potentiometer pickoff data systems . . . measures only DC ratio with ranges of ±.9999/9.999 . . . same features as M24 and V24. **Price: $4,650 (not stocked)**

V35A Voltmeter-Ratiometer Purpose: uses requiring maximum accuracy and high reliability such as inertial guidance research, missile checkout, calibrating high accuracy measuring systems . . . this medium-priced transistorized DVM is the fastest 5-digit stepping switch type voltmeter . . . "Factual Fifth Figure", full 5-digit resolution of 0.001% . . . measures DC voltage from ±0.0001 to ±999.99, DC voltage ratio from ±00.001% to ±99.999% . . . with accessories, measures AC voltage, AC voltage ratio, low-level DC . . . features "No-Needless-Nines" logic and plug-in oil-bath stepping switches for exceptionally long life and maximum reliability . . . no manual lubrication needed . . . completely automatic . . . output and built-in control for data logging. **Price: $3,750**

V34A Voltmeter-Ratiometer Purpose: designed for 4-digit uses requiring V35A reliability, speed and versatility. **Price: $3,150**

LOW-COST

481A Digital Voltmeter Purpose: this 4-digit instrument is an outstanding value for applications requiring ±0.01% accuracy and completely automatic operation at low-cost . . . does not contain printout connections . . . features plug-in decade resistors and stepping switches for troubleshooting and switch lubrication and replacement in several minutes . . . measures DC from ±0.001 to ±999.9, AC and low-level DC with plug-in accessories . . . basic design proved by six years field use. **Price: $1,425**

484 Digital Voltmeter with Printout Purpose: low-cost measuring and data logging with ±0.01% accuracy . . . printer connection and automatic print control are built-in . . . features plug-in stepping switches . . . same basic features as 481A above. **Price: $1,650**

784 Digital Ohmmeter with Printout Purpose: precise measuring and logging of resistance at low cost . . . features plug-in stepping switches and built-in printer connection and automatic control . . . stepping switches and decade resistors mounted on plug-in boards . . . same basic features as 484 above. **Price: $1,750 (not stock)**

481 Digital Voltmeter Purpose: applications requiring ±0.01% accuracy without need for printout or plug-in stepping switches . . . same basic specifications as 481A. **Price: $1,275 (not stock)**

Model 125E

Model 125C

Model 125B

Model 50

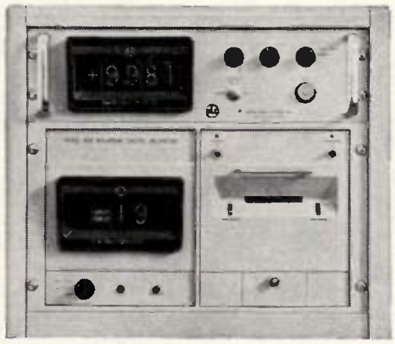
Model RR-1

Model 51

781 Digital Ohmmeter

V64A Digital Voltmeter

V60 Digital Millivoltmeter



RS2 Data Logger

DVM Accessories

instruments . . . by purpose . . . by price!

INDUSTRIAL SERIES DVMS

781 Digital Ohmmeter Purpose: fast easy resistance measurements not requiring printout, such as receiving inspection, production, quality control, laboratory testing . . . this 4-digit ohmmeter equals performance of units costing twice as much . . . measures 0.1 ohm to 10 megs . . . accuracy of ±0.05% ±1 digit (±0.1% of reading above 5 megs) . . . 20 times faster than using Wheatstone bridge . . . completely automatic . . . construction similar to 481. **Price: $1,425**

V64A Digital Voltmeter Purpose: full 4-digit resolution at lowest cost . . . similar to 481A but has manual range-polarity selection . . . accuracy is ±0.01% of full scale . . . measures DC voltage from ±0.001 to ±999.9, AC and low-level DC with accessories. **Price: $1,125**

V60 Digital Millivoltmeter Purpose: making highly-precise low-level measurements without a preamplifier for such applications as calibrating millivolt devices, strain gage and thermocouple measurements, process monitoring, semiconductor research and testing . . . features ±0.01% precision (ability to repeat readings within close limits), unattainable from pointer meters and strip chart recorders . . . accuracy is ±0.1% of reading or ±10 microvolts . . . range is ±00.01 to ±99.99 mv . . . extremely high AC and DC common mode rejection . . . scale factor control to permit display in units of pressure, weight, length, strain, etc. **Price: $1,625**

ASSOCIATED INSTRUMENTS AND ACCESSORIES

AC/DC Converters Purpose: provide advantages of digital measurements for AC voltage and AC voltage ratio . . . combine appropriate converter with any NLS DVM for precise, rapid AC measurements over a wide frequency range with high input impedance . . . accuracy: ±0.1% . . . ranges: 9.999/99.99/999.9 volts AC . . . speed: 3 sec. avg. . . . frequency range: 30 cps to 10 kc.

Model 125E ($1,500) automatic ranging for use with NLS premium DVM's . . . Model 125C ($1,200) same as 125E with manual ranging . . . Model 125B ($1,200) same as 125C for use with Industrial DVM's and RS2 . . . Model RR-1 ($1,200) AC voltage ratio measurements with 125C and M24 or V24 . . . Model RR-2 (not stock) AC voltage ratio with any DVM that measures DC ratio; 125B, C or E also required.

RS2 Data Logger Purpose: highly precise scanning, measuring and recording at low cost . . . scans up to 20 double-pole input channels, measures DC from ±0.001 to ±999.9 with ±0.01% accuracy, and records channel number and 4-digit reading with polarity and decimal point . . . delivered in cabinet ready for use. **Price: $3,600**

CS2 Calibration Console Purpose: highly accurate calibration of AC and DC digital voltmeters, ratiometers and ohmmeters . . . extremely fast, simple "push-button" operation. **Price: upon request (not stock)**

Voltage Comparators
Model 50 Voltage Comparator — a transistorized instrument with manual limit setting from ±0.001 to ±999.9 volts . . . signals tolerance by colored bulbs and contacts within 90 ms . . . ±0.02% accuracy . . . 10 megs input impedance. **Price $1,775**

Model 51 Voltage Comparison Amplifier — applications where limits are already in voltage form . . . wide range, high sensitivity, high input impedance, transistorized. **Price: $ 950**

Model 76 Digital Comparator — plugs into NLS DVMs with printer output connector for go/no-go indication of input limits . . . limits set by BCD voltages or contact closures or, optionally, by knobs on the 76 . . . signals "too high", "too low", or "OK" to recorders or control devices. **Price: upon request (not stock)**

DVM Accessories Purpose: to form any of hundreds of measuring and data logging systems by easy, plug-in combination with NLS DVM's . . . accessories include AC/DC converters, remote readouts, preamplifiers for low-level DC, transistorized input scanners, data printers, serial converters, Flexowriter systems, electric typewriter systems, tape punches, digital comparators.

Prices and specifications are subject to change without notice. Shipment is within 3 days after receipt of order at Del Mar — 30 days max. if stock becomes depleted. Non-stock models require 90 days max.

non-linear systems, inc.
DEL MAR, CALIFORNIA • Phone SKyline 5-1134 • TWX: Del Mar 6-345

FAIRCHILD DIFFUSED SILICON PLANAR TRANSISTORS

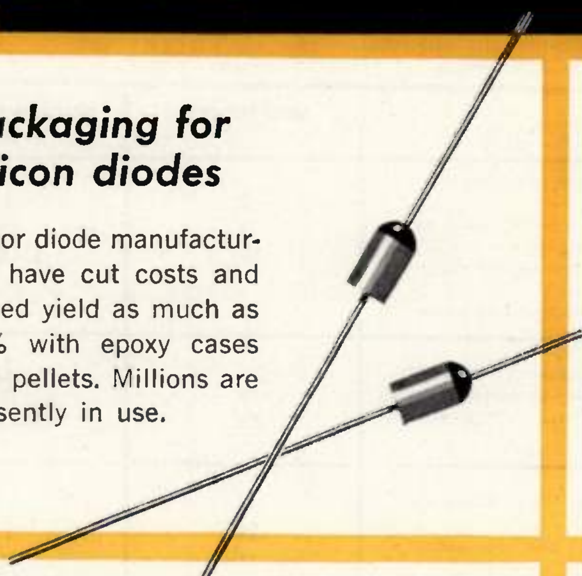
	Types	Description	JEDEC Outline	f_T Typical	P_C @ 25°C Case Temp.	P_C @ 25°C Free Air Ambient	h_{FE} Min.	h_{FE} Max.	Cond. I_C	Cond. V_{CE}	V_{CER}[3]	V_{CBO}	V_{EBO}	V_{BESAT} (Max.)	Cond. (I_C)	Cond. (I_B)	V_{CESAT} (Max.)	Cond. (I_C)	Cond. (I_B)	I_{CBO}[5] (Maximum) @25°C	I_{CBO}[5] (Maximum) @150°C
DIFFUSED SILICON PLANAR TRANSISTORS																					
UNIVERSAL AMPLIFIERS AND SWITCHES	2N696* & 2N697*	General purpose types for switching RF and DC applications over a wide current range	TO-5	80 mc 100 mc	2 watts	0.6 watt	20 40	60 120	150mA 150mA	10V 10V	40V	60V	5V	1.3V	150mA	15mA	1.5V	150mA	15mA	1μA	100μA
	2N717 & 2N718	General purpose types for switching, RF and DC applications over a wide current range. (Small package)	TO-18	80 mc 100 mc	1.5 watts	0.4 watt	20 40	.. 120	150mA 150mA	10V 10V	40V	60V	5V	1.3V	150mA	15mA	1.5V	150mA	15mA	1μA	100μA
	2N718A	General purpose transistor for amplifier and high speed switching	TO-18	100 mc	1.8 watts	0.5 watt	40 20 35 20[2] 20	120	150mA 500mA 10mA 10mA 0.1mA	10V 10V 10V 10V 10V	50V	75V	7V	1.3V	150mA	15mA	1.5V	150mA	15mA	10mμA[7]	10μA[7]
	2N909	Very high beta type similar to 2N1420	TO-18	140 mc	1.5 watts	0.4 watt	110	..	50mA	10V	30V	60V	5V	1.1V	50mA	5mA	2V	50mA	5mA	1μA[5]	100μA[5]
	2N1131 & 2N1132	PNP complements to the 2N696 and 2N697 suitable for identical uses in opposite polarity	TO-5	50 mc 60 mc	2 watts	0.6 watt	15 30	45 90	150mA 150mA	10V 10V	−30V	−40V	−5V	−1.5V	150mA	15mA	−1.5V	150mA	15mA	1μA	100μA
	2N1420	High gain general purpose type for switching RF and DC applications over a wide current range	TO-5	160 mc	2 watts	0.6 watt	100	300	150mA	10V	30V	60V	5V	1.3V	150mA	15mA	1.5V	150mA	15mA	1μA[5]	100μA[5]
	2N1613	Fast switching (logic and high current) amplifiers (low level, low noise, wideband, VHF power)	TO-5	100 mc	3 watts	0.8 watt	40 35 20 20 20[2]	120	150mA 10mA 0.1mA 500mA 10mA	10V 10V 10V 10V 10V	50V	75V	7V	1.3V	150mA	15mA	1.5V	150mA	15mA	10mμA[7]	10μA[7]
	2N1711	Very high beta universal type: Similar to 2N1613	TO-5	120 mc	3 watts	0.8 watt	100 75 35 40 20 35[2]	300	150mA 10mA 0.1mA 500mA .01mA 10mA	10V 10V 10V 10V 10V 10V	40V	60V	7V	1.3V	150mA	15mA	1.5V	150mA	15mA	10mμA[7]	10μA
	2N1972	Very high beta type similar to 2N1420	TO-5	140 mc	2 watts	0.6 watt	110	..	50mA	10V	30V	60V	5V	1.1V	50mA	5mA	2V	50mA	5mA	1μA[5]	100μA[5]
HIGH VOLTAGE UNIVERSAL AMPLIFIERS	2N698 & 2N699	High voltage types particularly suited to video amplifiers and RF oscillators	TO-5	90 mc 120 mc	2 watts	0.6 watt	20 40	.. 120	150mA 150mA	10V 10V	80V	120V	5V	1.3V	150mA	15mA	5V	150mA	15mA	2μA	200μA
	2N719 & 2N720	High voltage types particularly suited to video amplifiers and RF oscillators. (Small package)	TO-18	90 mc 120 mc	1.5 watts	0.4 watt	20 40	.. 120	150mA 150mA	10V 10V	80V	120V	5V	1.3V	150mA	15mA	5V	150mA	15mA	1μA	200μA
	2N719A	General purpose transistor for amplifier and high speed switching	TO-18	50 mc	1.8 watts	0.5 watt	20	60	150mA	10V	80V	120V	7V	0.9V	50mA	5mA	1.2V	50mA	5mA	10mμA[9]	15μA[9]
	2N720A	General purpose transistor for amplifier and high speed switching	TO-18	70 mc	1.8 watts	0.5 watt	40 35 20[2] 20	120	150mA 10mA 10mA 0.1mA	10V 10V 10V 10V	100V	120V	7V	0.9V	50mA	5mA	1.2V	50mA	5mA	10mμA[10]	15μA[10]
	2N870	General purpose type for high performance amplifier, oscillator and switching circuits	TO-18	70 mc	1.8 watts	0.5 watt	40 35 20[2] 20	120	150mA 10mA 10mA 0.1mA	10V 10V 10V 10V	80V	100V	7V	0.9V	50mA	5mA	1.2V	50mA	5mA	10mμA[9]	15μA[9]
	2N871	High gain type for high performance amplifier, oscillator and switching circuits	TO-18	90 mc	1.8 watts	0.5 watt	100	300	150mA	10V	80V	100V	7V	0.9V	50mA	5mA	1.2V	50mA	5mA	10mμA[9]	15μA[9]
	2N1889	General purpose type for high performance amplifier, oscillator and switching circuits	TO-5	70 mc	3 watts	0.8 watt	40 35 20[2] 20	120	150mA 10mA 10mA 0.1mA	10V 10V 10V 10V	80V	100V	7V	0.9V	50mA	5mA	1.2V	50mA	5mA	10mμA[9]	15μA[9]
	2N1890	High gain type for high performance amplifier, oscillator and switching circuits	TO-5	90 mc	3 watts	0.8 watt	100	300	150mA	10V	80V	100V	7V	0.9V	50mA	5mA	1.2V	50mA	5mA	10mμA[9]	15μA[9]
	2N1893	High voltage type for amplifier, oscillator, switching circuits, and gives PLANAR performance & reliability in 2N699 type applications	TO-5	70 mc	3 watts	0.8 watt	40 35 20[2] 20	120	150mA 10mA 10mA 0.1mA	10V 10V 10V 10V	100V	120V	7V	0.9V	50mA	5mA	1.2V	50mA	5mA	10mμA[10]	15μA[10]
SMALL SIGNAL TYPES	2N910 2N1973	NPN small signal amplifier	TO-18 TO-5	85 mc	1.8 watts 3 watts	0.5 watt 0.8 watt	75	..	10mA	10V	80V	100V	7V	0.8V	10mA	1mA	0.4V	10mA	1mA	25mμA[9]	25μA[9]
	2N911 2N1974	NPN small signal amplifier	TO-18 TO-5	70 mc	1.8 watts 3 watts	0.5 watt 0.8 watt	35	..	10mA	10V	80V	100V	7V	0.8V	10mA	1mA	0.4V	10mA	1mA	25mμA[9]	25μA[9]
	2N912 2N1975	NPN small signal amplifier	TO-18 TO-5	50 mc	1.8 watts 3 watts	0.5 watt 0.8 watt	15	..	10mA	10V	80V	100V	7V	0.8V	10mA	1mA	0.4V	10mA	1mA	25mμA[9]	25μA[9]
LOW-STORAGE HIGH CURRENT SWITCHES	2N1252 & 2N1253	Low storage types optimized for high current saturated switching circuitry	TO-5	80 mc 110 mc	2 watts	0.6 watt	15 30	45 90	150mA 150mA	10V 10V	20V	30V	5V	1.3V	150mA	15mA	1.5V	150mA	15mA	10μA	600μA
UHF AMPLIFIERS AND NON-SATURATING SWITCHES	2N869	Silicon PNP high speed switching transistor	TO-18	150 mc	1.8 watts	0.5 watt	20	..	10mA	5V	25V	25V	5V	1V	10mA	1mA	1V	10mA	1mA	10mμA[11]	25μA[11]
	2N915	High frequency NPN PLANAR amplifier, oscillator	TO-18	350 mc	1.2 watts	.36 watt	40	160	10mA	5V	50V[4]	70V	5V	0.9V	10mA	1mA	1V	10mA	1mA	10mμA[7]	30μA[7]
	2N916	High frequency NPN PLANAR amplifier, oscillator	TO-18	400 mc	1.2 watts	.36 watt	50	200	10mA	1V	25V[4]	45V	5V	0.9V	10mA	1mA	0.5V	10mA	1mA	10mμA[11]	10μA[11]
	2N917	1 kmc NPN PLANAR, very high speed switching and RF applications	Spec.	800 mc	0.3 watt	0.2 watt	20	..	3mA	1V	15V[4]	30V	3V	.87V	3mA	.15mA	0.5V	3mA	.15mA	1mμA[5]	100mμA[5]
LOW STORAGE SATURATING SWITCHES	2N706*	Logic transistor for very high speed switching in low current saturated circuits	TO-18	400 mc	1 watt	0.3 watt	20	..	10mA	1V	20V	25V	3V	0.9V	10mA	1mA	0.6V	10mA	1mA	0.5μA	30μA
	2N707	VHF oscillator type	TO-18	45% @ 100 mc[1]	1 watt	0.3 watt	9	..	10mA	1V	28V	56V	4V	0.9V	10mA	1mA	0.6V	10mA	1mA	5μA	..
	2N708	High speed saturated logic switch & high frequency amplifier	TO-18	450 mc	1.2 watts	.36 watt	30	120	10mA	1V	20V	40V	5V	.82V	10mA	1mA	0.4V	10mA	1mA	25mμA[5]	15μA[5]
	2N914	PLANAR Epitaxial similar to 2N708	TO-18	350 mc	1.2 watts	.36 watt	30	120	10mA	1V	20V	40V	5V	0.8V	10mA	1mA	.19V	10mA	1mA	25mμA[5]	15μA[5]
POWER AMPLIFIER	2N1978	VHF silicon NPN power transistor	Spec.	60 mc	30 watts	..	20	..	500mA	5V	40V	60V	5V	1.5V	1A	0.1A	1.5V	1A	0.1A	10μA[5]	200μA[5]
DIFFUSED SILICON INDUSTRIAL TRANSISTORS																					
INDUSTRIAL TYPES	2N1983 2N1984 2N1985	Industrial NPN silicon small signal transistors	TO-5	50 mc	2 watts	0.6 watt	70[13] 35[13] 15[13]	210[13] 100[13] 45[13]	1mA	5V	25V[4]	50V	5V	.85V[12]	1mA	5V	.25V	5mA	0.5mA	5μA[8]	200μA[6]
	2N1986 2N1987	Industrial NPN silicon switching transistors	TO-5	50 mc	2 watts	0.6 watt	60 20	240 80	150mA	10V	40V	50V	5V	0.9V	30mA	3mA	0.6V	30mA	3mA	5μA[8]	200μA[8]
	2N1988 2N1989	Industrial NPN silicon high voltage transistors	TO-5	50 mc	2 watts	0.6 watt	35 20	120 60	30mA	10V	60V	100V	5V	1V	30mA	3mA	2V	30mA	3mA	5μA[5]	400μA[5]
	2N1990	Industrial NPN neon tube and Nixie® driver transistor	TO-5	..	2 watts	0.6 watt	20	..	30mA	10V	..	100V	3V	1V	2mA	0.2mA	0.5V	2mA	0.2mA	..	..
	2N1991	Industrial PNP silicon transistor	TO-5	50 mc	2 watts	0.6 watt	15	60	150mA	−10V	−20V[4]	−30V	−5V	−1.5V	150mA	15mA	−1.5V	150mA	15mA	5μA[14]	200μA[14]

*MIL approved transistors
®Nixie registered Burroughs Corp.
[1]Oscillator Efficiency
[2]−55°C
[3]For all types R ≦ 10Ω
[4]V_{CEO}
[5]I_{CBO} measured at 50% of V_{CBO}
[6]I_{CBO} measured at 20V
[7]I_{CBO} measured at 60V
[8]I_{CBO} measured at 30V
[9]I_{CBO} measured at 75V
[10]I_{CBO} measured at 90V
[11]I_{CBO} measured at 15V
[12]Non saturated base voltage
[13]Small signal current gain (f = 1kc)
[14]I_{CBO} measured at −10V

FOR DIODE SPECIFICATIONS, WRITE FOR FAIRCHILD DIODE CATALOG

87 MAJOR ELECTRONICS COMPANIES INCREASE PROFITS & RELIABILITY WITH EPOXY PRODUCTS!

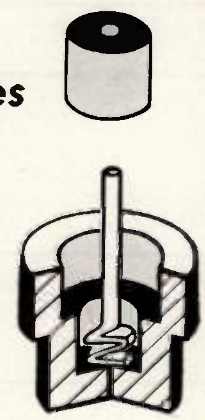
For Example:



Packaging for silicon diodes

Major diode manufacturers have cut costs and raised yield as much as 47% with epoxy cases and pellets. Millions are presently in use.

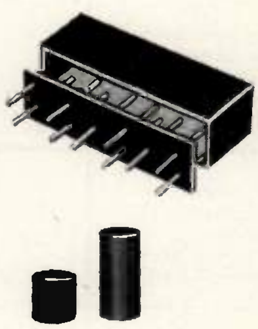
Pellets for automotive diodes



Epoxy pellet completely seals diode to withstand thermal shock from –70° to +150°C; meets auto industry specifications.

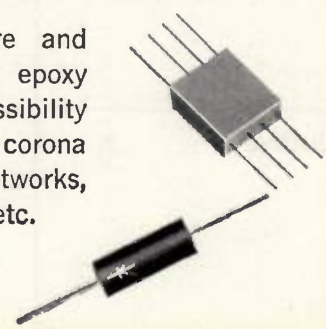
Cases for modular packaging

Standard and custom, cylindrical and rectangular shells, in 9 colors in epoxy or diallylphthalate molding compounds, for high temperature, moisture and shock resistance with high electrical characteristics.



Flame-resistant epoxy for semiconductor networks

High temperature and flame resistant epoxy shells reduce possibility of flashover or corona in rectifiers, networks, matched quads, etc.



WRITE FOR COMPLETE INFORMATION.

EPOXY PRODUCTS
A DIVISION OF JOSEPH WALDMAN & SONS
137 Coit Street, Irvington, New Jersey
ESsex 5-6000

VITROHM RESISTORS

STOCK RESISTORS

Ward Leonard offers the largest selection of stock resistor types and sizes. Seven distinct stock resistor types are available for immediate shipment from the plant or your local *A.I.D*istributor. Resistors ranging from 2 to 200 watts and with resistance values from 1 to 250,000 ohms are designed to meet a multitude of needs and applications. The secret of Ward Leonard Vitrohm Resistor dependability, accuracy and consistency lies in the balanced design of every component in each resistor.

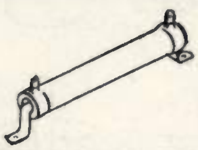
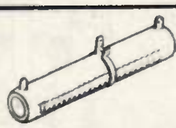
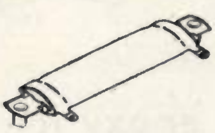
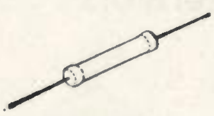
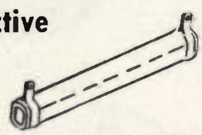
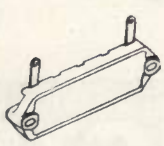
CATALOG 15

Hard covered 64 page "CATALOG No. 15" on our complete line of stock and made-to-order resistors and resistor parts available. Illustrated with complete information, it contains ratings, graphs, dimensional drawings and tables. Write for one today.

METOHM RESISTORS

Exceeding MIL-R-10509D

METOHM Resistors are Result-Engineered Molded metal film precision resistors and are now offered for a multitude of commercial, industrial, and military electronic requirements. METOHM Resistors feature high stability, reliability and accuracy in combination with low and controllable temperature coefficients. METOHM Resistors come in three standard sizes — ⅛, ¼, and ½ watts. For more information write for CATALOG 50.

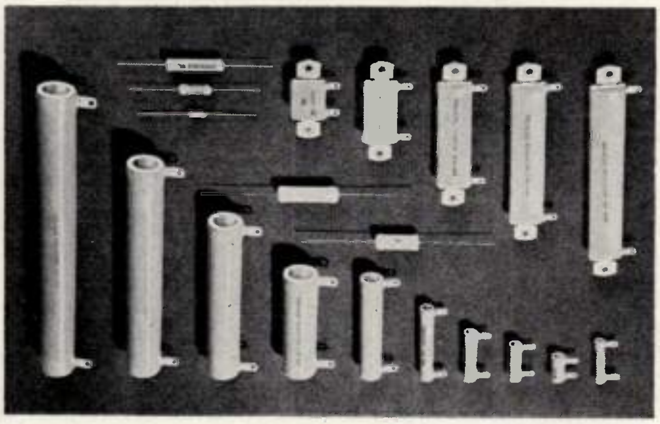
type	application	watt ratings	resistance values (in ohms)
fixed 	General usage for voltage dropping, current limiting, etc. Electronic and industrial apparatus such as communication, instrument, motor control, appliance, transportation and similar equipment. Available in tapped and multi-section forms.	5 to 200	1 to 250,000
adjustable 	Circuits requiring adjustability. Voltage dividing or regulating purposes in control equipment, rectifiers, voltage and speed regulators, etc.	10 to 200	1 to 150,000
stripohm 	Equipment where space saving is a limiting design factor. Aviation, communication and navigation equipment. Available in fixed, adjustable, tapped and multi-section forms.	20 to 75	1 to 65,000
axiohm 	Apparatus requiring quick, easy installation of resistors and where space is limited. Radio and electronic equipment, communication, instrument and similar apparatus requiring miniature power resistors.	2 to 12.5	1 to 75,000
non-inductive 	High frequency circuits where tubular resistors with low values of inductance and distributed capacitance are required. Radio and other electronic apparatus such as therapeutic, transmitter, telephone, etc.	35 to 160	1 to 1,000
plaqohm 	Where a compact power resistor having low values of inductance and distributed capacitance is required. High frequency electronic equipment including laboratory test, induction heating, transmitter, etc. Available in fixed and tapped forms.	25 to 150	1 to 10,000
discohm 	On equipments where a miniature power resistor with low values of inductance and distributed capacitance is needed. High frequency electronic circuits in diathermy, carrier telephone and similar equipment.	24	1 to 4,000

*Available from **S**tock — **S**ee your local **A**uthorized **I**ndustrial **D**istributor*

RIBFLEX

Ribflex resistors consist of a metal alloy resistance ribbon, reflexed, wound on edge on a ceramic core and held in place with vitreous enamel. Available in fixed, adjustable, tapped and multi-section forms. Used for intermittent and continuous-duty circuits where high wattage must be dissipated in a relatively small space such as in industrial motor controls, load banks, etc. CATALOG 15.

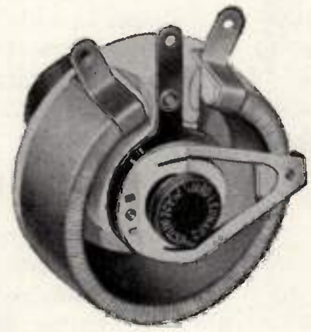
MIL RESISTORS



Ward Leonard manufactures a full line of Vitrohm resistors designed to meet the requirements of specifications MIL-R-26C and MIL-R-15109. The MIL-R-26C resistors, applied in electronic and electrically operated Military equipment, must successfully withstand a series of severe tests including thermal shock, humidity, electrolysis, momentary overload, etc. MIL-R-15109 resistors with suitable mountings are designed for HI-shock applications. BULLETIN 12.

RING RHEOSTATS

♦ 25 WATT



50 WATT ♦

♦ 300 WATT

watt rating	ring dia. (in inches)	resistance values (in ohms)	
		min.	max.
25	$1\frac{9}{16}$	1	5,000
50	$2\frac{5}{16}$	1	10,000
100	$3\frac{5}{32}$	1	10,000
150	4	1	10,000
300	6	1	2,500

OTHER PRODUCTS BY W/L

MAGNETIC RELAYS

A complete line of a.c. and d.c. magnetically operated relays. Six basic stock types plus countless special purpose varieties. Send for RELAY CATALOG.

MAGNETIC CONTRACTORS AC OR DC

A complete line of unit-insulated AC and DC solenoid contactors for main line switching, reversal or acceleration. All parts completely accessible. NEMA Sizes 00 to 5. A.C. BULLETIN 4450, D.C. BULLETIN 1950.

LOAD BANKS

For artificial loading applications to 70 KW Ward Leonard offers a full line of convection cooled load banks. Standardized frameworks accommodate Ribflex or Barohm resistors. Send for BULLETIN 39.

MAGNETIC STARTERS

Manual-magnetic-non-reversing for use with single phase motors and polyphase squirrel cage induction motors. BULLETIN 3151—Manual, NEMA Sizes 0 and 1, BULLETIN 4110—Magnetic, to NEMA Size 5.

PUSH BUTTON STATIONS

Wide selection of standard and heavy duty pushbutton stations for surface or flush mounting. Enclosures for watertight and dusttight pilot circuit applications. BULLETIN 2901.

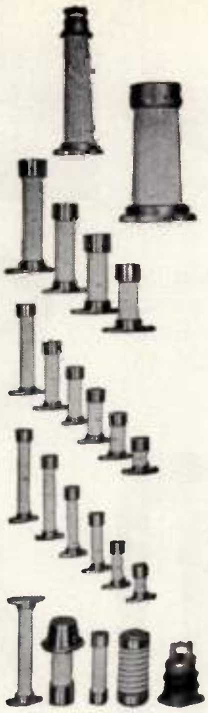
WARD LEONARD ELECTRIC CO.

23 SOUTH STREET • MOUNT VERNON • NEW YORK

Result—Engineered Controls Since 1892

ENTRANCE INSULATORS

To eliminate losses which occur in ordinary types of bushings at radio frequency, Lapp units use air as major insulation, porcelain path being lengthened by its "bowl" shape. In wide variety of types for most electrical and mechanical requirements.



STAND-OFF INSULATORS

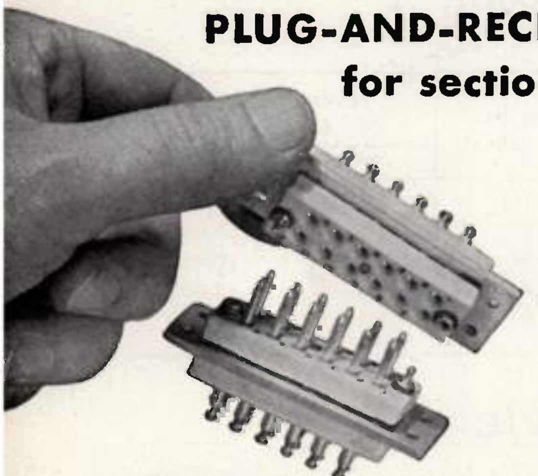
Dependable mechanical and electrical performance—and trim good looks. Hundreds of standard and special types available.

Write for Bulletin 301, listing entrance and stand-off insulators.

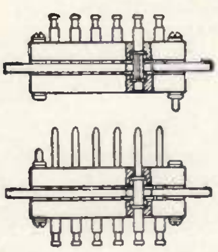
ANTENNA STRAIN INSULATORS

The largest of the porcelain rod insulators shown develops 12,000 lb. strength. Available, as specified, with rain shield and/or corona rings. Smaller units, in porcelain or steatite, for all strain or spreader use. Engineering and production facilities also available for special performance units See catalog 301.

PLUG-AND-RECEPTACLE UNITS for sectionalizing circuits



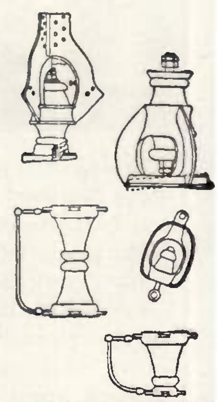
For panel-rack or other sectionalized circuits, Lapp offers a variety of plug-and-receptacle units. Any number of contacts can be provided (in multiples of twelve). Male and female contacts are full floating, for easy alignment and positive contact. Contacts silver plated, terminals tinned for soldering. Insulation is steatite, the low-loss ceramic . . . non-carbonizing even under leakage flashover resulting from contamination, moisture or humidity. Write for complete electrical and mechanical specifications and recommendations.



For details, circle #63 on Reader Service Card

ANTENNA TOWER INSULATORS

Most of the world's radio towers are supported by Lapp insulators, including the tallest guyed mast ever built. Through the Lapp "compression cone," immense loads can be carried by electrical porcelain. Write for data on Lapp footing insulators for self-supporting radiators, mast-base insulators, or guy insulators.



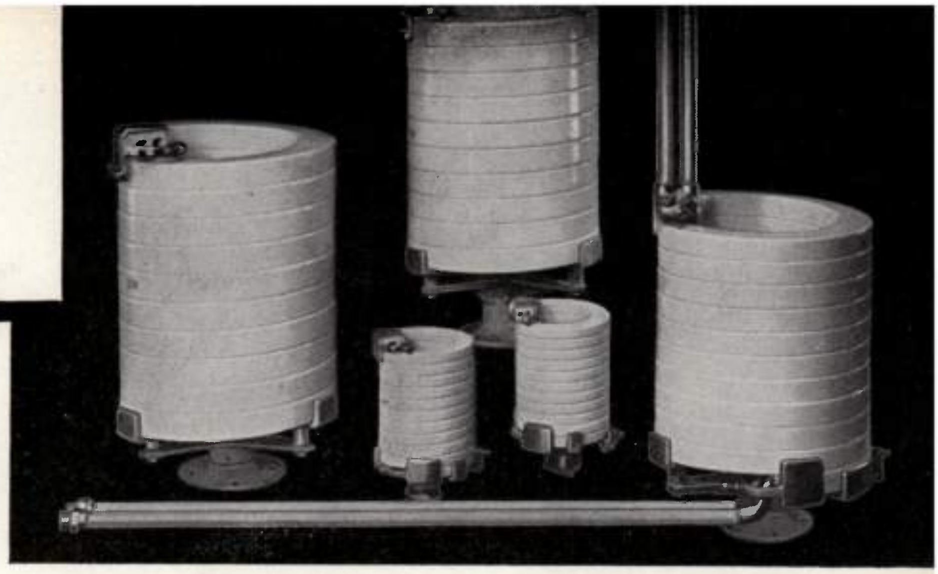
SPECIAL ASSEMBLIES

Lapp business is electrical porcelain, its application, design, manufacture, and assembly. Our skill is in our knowledge of the capabilities, and limitations, of ceramic insulation . . . in engineering ingenuity to meet specified requirements . . . and in efficient production. If you have need for insulating parts and associated sub-assemblies, we may be able to show you how they can be made most economically, to perform most efficiently.

Lapp

LAPP INSULATOR CO., INC.
RADIO SPECIALTIES DIVISION
150 SUMNER ST., LE ROY, N. Y.

Lapp



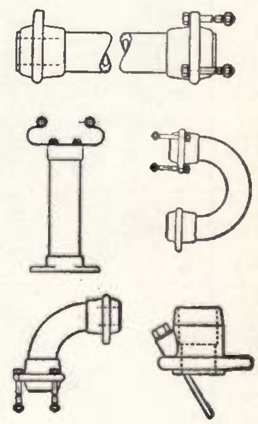
TUBE SUPPORTS
for air-cooled tubes

No longer is it necessary for equipment manufacturers to design supports for forced-air-cooled tubes. After producing many such special designs, Lapp has engineered and built a complete series of insulating supports for air-cooled tubes. Use of these supports facilitates design of transmitter and other high-power circuits. Simple, compact, efficient and attractive in appearance, in porcelain or steatite, they make for economical production, easy interchangeability, and availability of replacement units. Write for Bulletin 301, with complete description and specification data.

For details, circle #62 on Reader Service Card

INSULATION FOR WATER-COOLED SYSTEMS

For carrying cooling water which must undergo a change in potential, use of Lapp porcelain eliminates troubles arising from water contamination and conductivity, sludging and electrolytic attack of fittings. Permanent cleanness and high resistance of cooling water is assured—for positive cooling and long tube life.



LAPP PORCELAIN WATER COILS

Twin-hole and single-hole models in sizes to provide flow of cooling water from 2 to 90 gallons per minute. Cast aluminum mounting bases, lead pipe or flexible metal hose for attachment.

LAPP PORCELAIN PIPE

Inside diameters ¾″ to 3″, in straight, 90° and 180° elbows, fittings. Swivel-type connections. Standoff insulators attach directly to fitting bolts. *Write for Bulletin 301 with specifications for Lapp Porcelain Water Coils and Porcelain Pipe.*

LAPP GAS-FILLED CONDENSERS
Capacitance for high-voltage, high-current duty

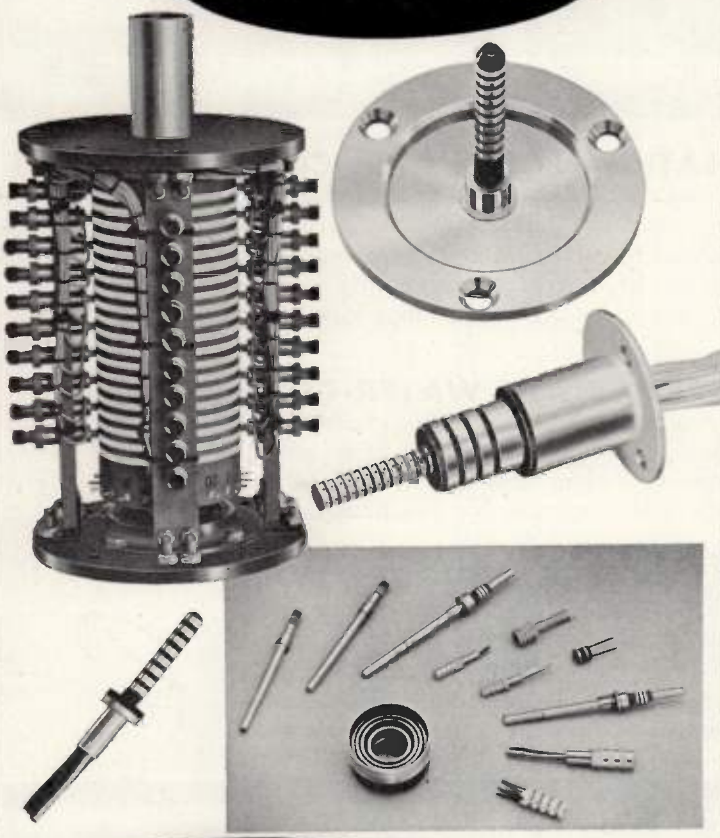
The record of more than 18 years' service, in thousands of installations, proves the reliability of the Lapp Gas-Filled Condenser. For duty at high voltages and high currents, this unit offers the advantages of extreme compactness . . . low loss . . . high safety factor . . . constant capacitance under temperature variation . . . grounded tuning shaft . . . and rugged sturdiness. Units available in four tank diameters, 7″ to 18″ . . . in fixed or variable capacitance . . . capacitances to 30,000 mmf; current ratings to 390 amps at 1 mc; voltages to 85 Kv peak. Write for Bulletin 302.

airflyte

ELECTRONICS CO.

Shown here are just a few examples of our products. We invite your inquiry on the development and production to your specifications. Avail yourself of our engineering facilities to carry-through from design . . . to prototype . . . to mass production. Hundreds of stock molds eliminate tooling in most cases.

SLIP RING ASSEMBLIES



BRUSH BLOCK ASSEMBLIES

COMMUTATING SWITCHES

HIGH SPEED ROTARY SWITCHES FOR TELEMETERING, SAMPLING, PROGRAMING AND ANALOG-DIGITAL CONVERSION.

Airflyte's production facilities are geared to produce standard and non-standard commutators at "off-the-shelf" prices. Featuring noise-free performance through the use of solid gold alloy commutating surfaces . . . and exclusive drum construction for maximum life, uniform wear and close angular tolerance. We will supply packaged units (as illustrated) or component commutators and/or brush blocks. Ail products designed to meet MIL-E 5272 and MIL-E 5400 and other special environmental specifications.

airflyte ELECTRONICS CO.

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BAYONNE
NEW JERSEY

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NORTH ATLANTIC industries, inc.

PHASE ANGLE & RATIO INSTRUMENTS

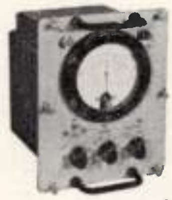
PHASE ANGLE VOLTMETERS

Provide direct reading of total, fundamental, in-phase and quadrature voltages; phase sensitive nulling of in-phase or quadrature components; direct reading of phase angle without ambiguity. Single-, three-frequency and broadband types, in bench, rack-mount and miniaturized models.

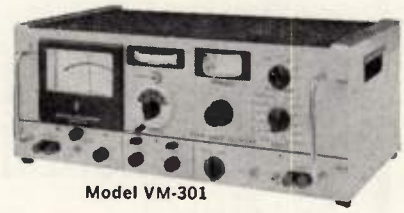
Model VM-202

Model VM-202 Single Frequency Voltmeter. 1 mv to 300 v in 12 ranges; accuracy ±2% of f.s. Phase accuracy: dial 1°, meter ±3% of f.s. degrees. Signal: 1 freq., 30 cps to 10 kc. Input impedance: 10 meg. Reference: 100k ohms, 0.25 v min. Nulling sensitivity: 2 uv, phase sensitive. Harmonic rejection (with filters): 55 db. Scale: 3-0-3, 10-0-10, linear. Phase dial: 4 scales, 90° (elec.) apart. Dimensions: 5¼" h. x 19" w. x 7⅛" d.

Model VM-204 Three Frequency Voltmeter. Similar to VM-202 but accommodates signals at any three specified frequencies. Choice of frequencies from 60 to 4500 cps in standard models, to 10 kc on special order. Dimensions as VM-202, but 2" deeper case.



Model VM-230

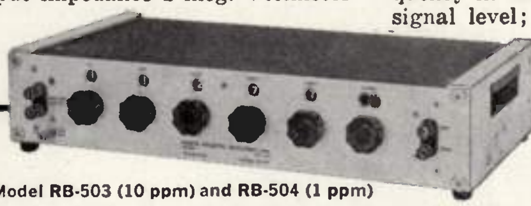


Model VM-301

Model VM-230 Transistorized Voltmeter. Miniaturized, ruggedized version of VM-202 for modular inclusion in ground support and other systems requiring small size, dependable performance in severe environments. Range down to 300 microvolts f.s. on order. Input impedance 1 meg. Voltmeter response 20 cps. to 20 kc.

Model VM-301 Broadband Voltmeter. For applications where signals from 10 cps to 100 kc must be instrumented with highest accuracy. Phase shift accuracy 0.2° absolute, uniform over full 360°. Phase shift can be read while sweeping frequency in half-decade steps. Nulls unaffected by changes in signal level; harmonic effects eliminated by plug-in filters.

Complete data on any of these models will be forwarded on request



Model RB-503 (10 ppm) and RB-504 (1 ppm)

RATIO BOXES

Precision inductive AC voltage dividers to meet all range, accuracy and cost requirements. Rack, panel and portable bench models, deviation, binary ratio standards and automatic stepping types. Maintain accuracy over specified frequency range; feature in-line readout, high input and low series impedance. Range of characteristics available in this series include:

Ratio Range	—.111110 to +1.111110
Frequency	30 cps to 10 kc
Accuracy	10 ppm to 1.0 ppm
Input Voltage	0.35f to 2.5f
Input Impedance	60 k to 1 megohm
Effective Series Impedance	7.5 ohms to 0.5 ohms

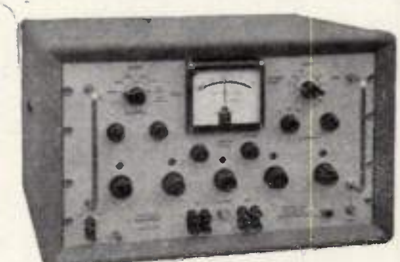
Model RB-520 and RB-521 (10 ppm)

PHASE SENSITIVE AC-to-DC CONVERTERS

Model PSC-410

Compact, modular units meet requirements of ground checkout, production and other test systems for phase sensitive conversion of AC signals to proportional DC voltages. High linearity, sensitivity and fast response. Manual selection or remote relay programming of total, fundamental, in-phase and quadrature voltage functions. Half-panel rack mount models also available.

	PSC-410	PSC-420
Signal	single freq.	multiple freq.
Range	10 mv to 300 v	10 mv to 300 v
Frequency: Total	60 cps to 5 kc	30 cps to 10 kc
Phase Sens	400 and 800 cps (60 cps to 2 kc special)	60 cps to 10 kc (3 per unit, max.)
Accuracy: Total	0.1% to 1/10 f.s.	0.1% to 1/10 f.s.
Phase Sens	0.1% f.s.	0.1% f.s. to 5 kc 0.25% f.s. to 10 kc
Response	0.1 sec at 400 cps	0.1 sec at 400 cps
Output (10 k load)	0-10 v dc	0-10 v dc
Programming	range, function	range, function, freq.



Model CVR-550

COMPLEX VOLTAGE RATIOMETER

Single unit, integrated system includes all instrumentation, circuitry and accessories for measurement of phase angle, transformation ratio and related quantities. Direct reading of phase angles up to 0.5 radians, and transformation ratios to 0.001% unaffected by quadrature. Standard model accommodates any three specified frequencies from 60 cps to 3 kc, and includes both signal and reference channel filters. Phase angle voltmeter may be used separately.

Ratio Range	±1.111110
Ratio Accuracy (max)	$\pm\left(0.001 + \frac{0.0001}{\text{ratio}}\right)\%$
Outputs	Ratio on six-digit ratio box. Angle in both degrees and milliradians

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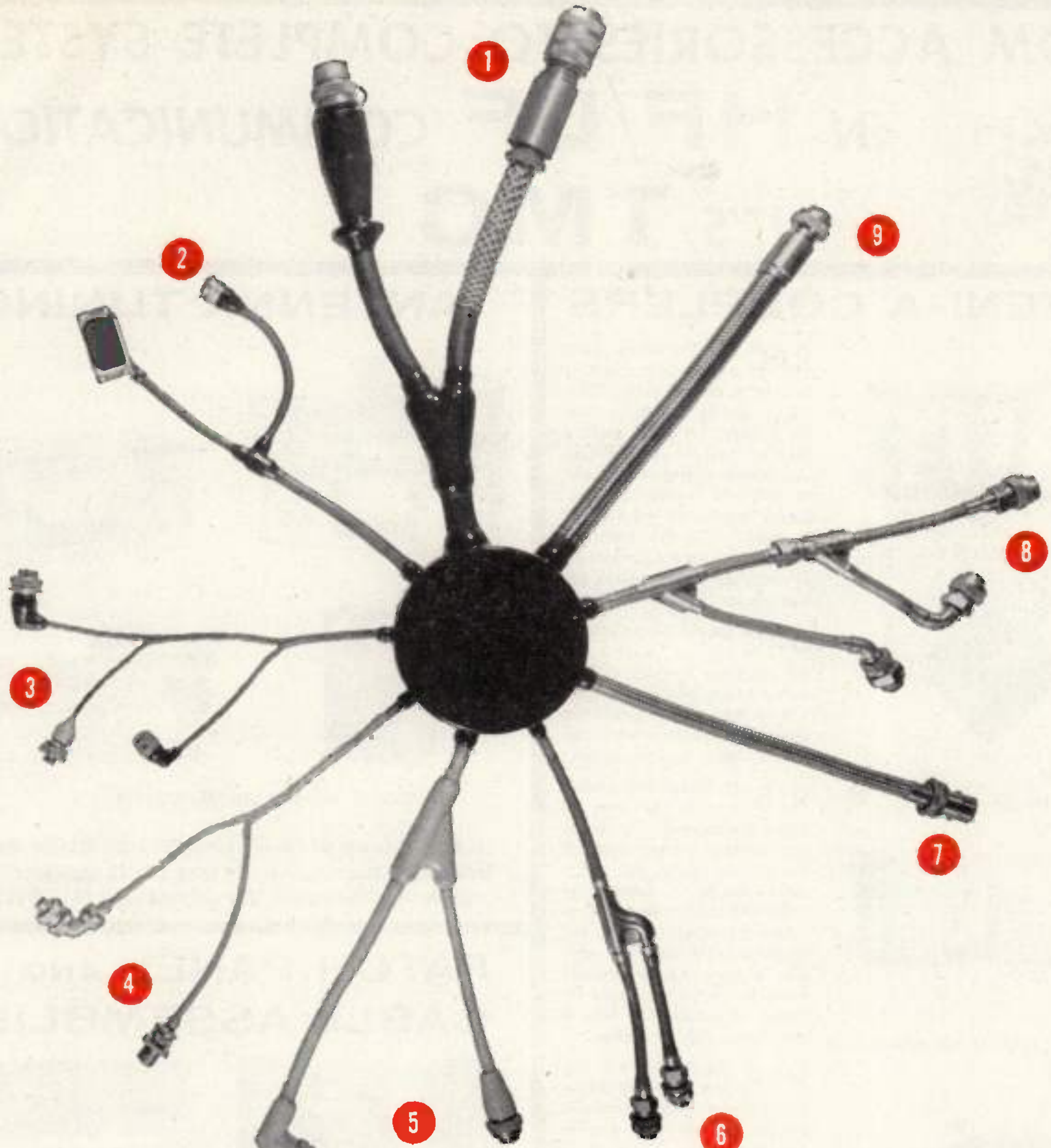

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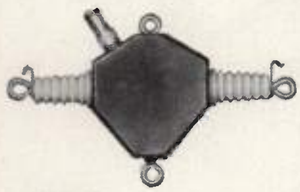
ANTENNA COUPLERS

REQUEST BULLETIN SSB-112

RAC The RAC Series covers broadband transformers designed to couple a coaxial transmission line to a receiving rhombic antenna. The units match a balanced input to an unbalanced line in many varying combinations to suit field requirements. Frequency response is flat within 3 db from 2 to 60 mcs. Protection for static changes and DC checking of continuity of the antenna and transmission line are provided.

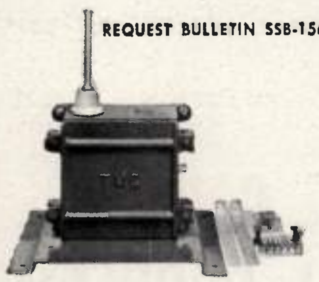


REQUEST BULLETIN SSB-158

DAC The TMC Dipole Antenna Couplers, Models DAC are impedance matching devices, each providing a balanced connection for the center of a receiving dipole to an unbalanced connection for the coaxial transmission line.

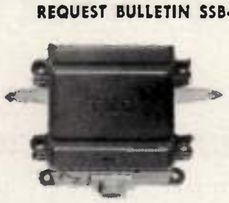
REQUEST BULLETIN SSB-156

RTB The Models RTB Rhombic Terminal Units were designed to complement the Models RAC Rhombic Antenna Couplers, and provide rugged and proper connections for the antenna. The Model RTB consists of 2 or 4 resistors as required, to provide terminations of 280, 600 or 700 ohms, plus a spare resistor mounted within the case. The resistors are plug-in, ferrule type for ease of maintenance and replacement.



REQUEST BULLETIN SSB-169

VRA The VRA Series of Vertical Receiving Antennas are convenient broadbanded devices used for local receiver monitoring purposes. Each unit is provided complete with an 18 foot vertical whip antenna, a cast aluminum weatherproof case containing a matching transformer, a universal mounting kit and hardware. FREQUENCY RANGE: VRA-1: 200 to 800 kcs. VRA-2: 2 to 30 mcs.



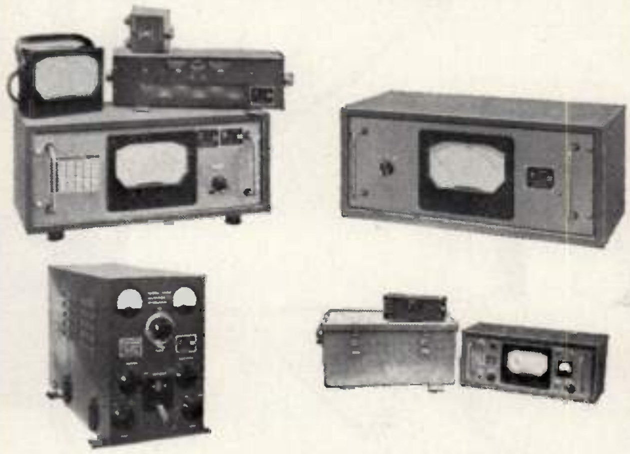
REQUEST BULLETIN SSB-218

TRC The TRC Series are transmitting type broadbanded antenna couplers for transferring RF Power from unbalanced inputs to balanced outputs over the frequency range 2 to 30 Mcs. These are passive transformer devices requiring no tubes, power supplies or tuning adjustments.
TRC 100—100 watts; TRC 500—500 watts; TRC 3500—3500 watts.

REQUEST BULLETIN SSB-142, 177

BAC-HLC The BAC Series of Beverage Wave Antenna Couplers properly terminate each end of a Beverage long wire antenna and make it possible to reverse the direction of the antenna at the receiving end.

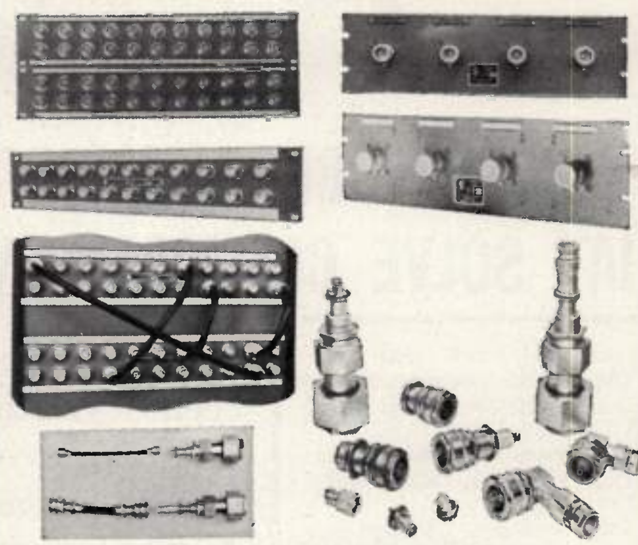
ANTENNA TUNING



REQUEST BULLETIN SSB-235, 234, 198, 163

A complete line of Antenna Tuning Units and Standing Wave Ratio Indicators to cover the frequency range 2 to 32 megacycles. They are available from 1000 watts to 3000 watts and either 50 or 70 ohms input.

PATCH PANEL AND CABLE ASSEMBLIES



REQUEST BULLETIN SSB-223, 197, 210, 191, 199

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The **Therma-Node** is a basic noise source which provides extremely high accuracy by utilizing a basic noise generation technique — thermal noise from a heated resistive element.

- **Noise figure to 10 db • Output impedance, 50 ohms unbalanced**
- **Accuracy ±0.1 db • Operates from line or 24 V dc . . .**

2 — 1000 mc, Price **$550.00**, f.o.b. factory. (**$605.00** F.A.S., N. Y.)
1 kc — 300 mc, add **$135.00** (**$149.00** F.A.S., N. Y.)

1 mc to 3000 mc . . . *Mega-Node* 3000

The **Mega-Node 3000** is a calibrated random noise source providing output over a wide frequency and power range. It employs a coaxial-type noise diode with a tungsten filament as a temperature-limited noise generator.

- **Noise figure, 0-20 db • Output impedance, 50 ohms unbalanced**
- **Accuracy ±.25 db below 250 mc, ±1.0 db below 2000 mc, ±1.5 db at 3000 mc**

Price **$790.00**, f.o.b. factory. (**$869.00** F.A.S., N. Y.)

3 mc to 500 mc . . . *Mega-Node* 403-A

The **Mega-Node 403-A** is a calibrated random noise source providing precise operation over a more limited frequency range at proportionately lower cost.

- **Noise figure, 0-19 db • Output impedance, 50 ohms unbalanced**
- **Accuracy ±0.5 db**

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Microwave Mega-Nodes

1120 mc to 26,500 mc . . . *Microwave Mega-Nodes*

The **Microwave Mega-Nodes** are precision machined and plated waveguide fixtures, utilizing argon, fluorescent, or neon gas discharge tubes. Single power supply operates all units. (Power Supply Price, $125.00.) ($138.00 F.A.S., N. Y.)

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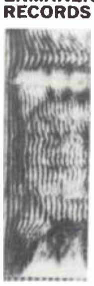

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- **Fixed 0 or 10* db insertion loss**

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1% Carbon Film Resistors
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SWR	1.2 : 1 MAX UP TO 250 MC 1.4 : 1 MAX 250 TO 500 MC		
MIN INSERTION*	0.1 db at 250 mc; 0.2 db at 500 mc		
ACCURACY	AT FULL ATTENUATION: 0.5 db at 250 mc, 1.2 db from 250 to 500 mc.		AT FULL ATTENUATION: 0.9 db at 250 mc, 2.0 db from 250 to 500 mc.
PRICE: f.o.b. factory	$75. ($79.*)	$110.	$250.
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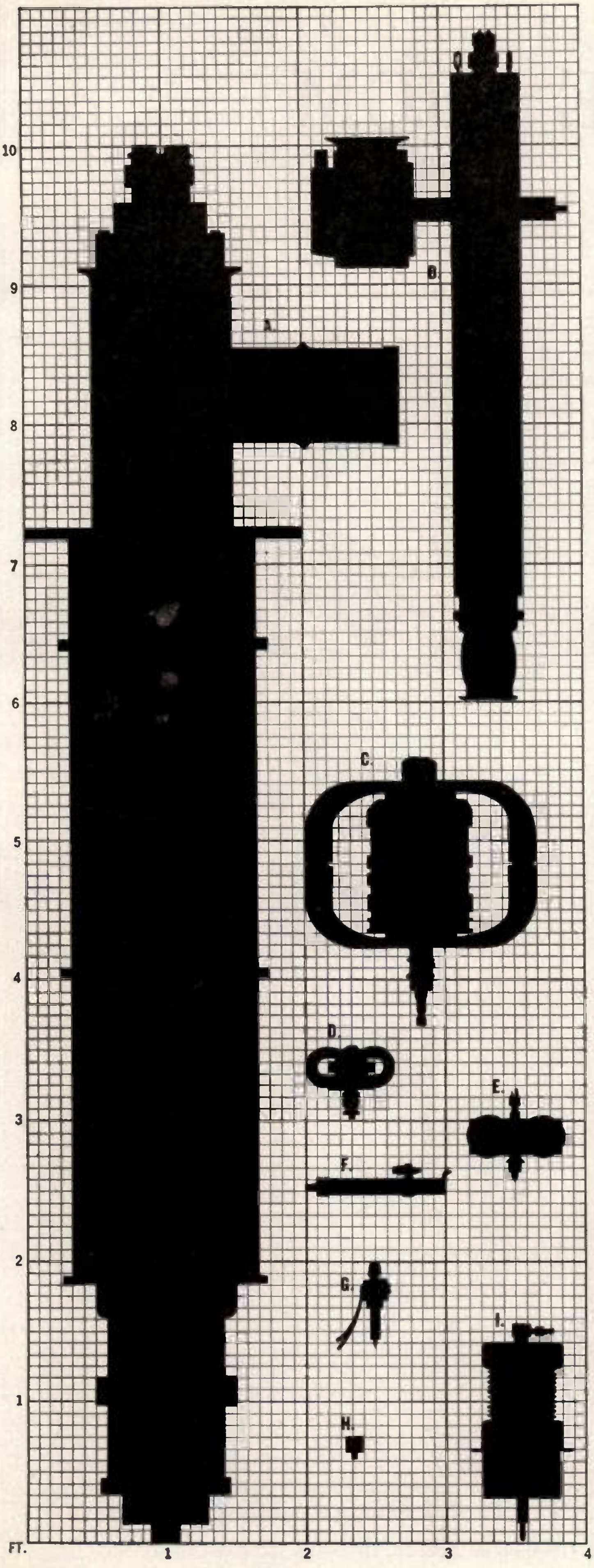

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H. L-3430 CUBE MINIATURE MAGNETRON: A one-kilowatt miniature magnetron, fixed tuned at 9300 ± 30 mc, weighing less than 9 ounces and no bigger than a normal X-band waveguide flange. Developments at other power levels and frequencies are planned.

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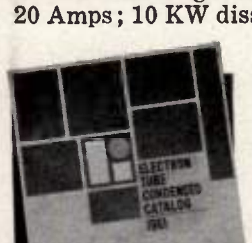

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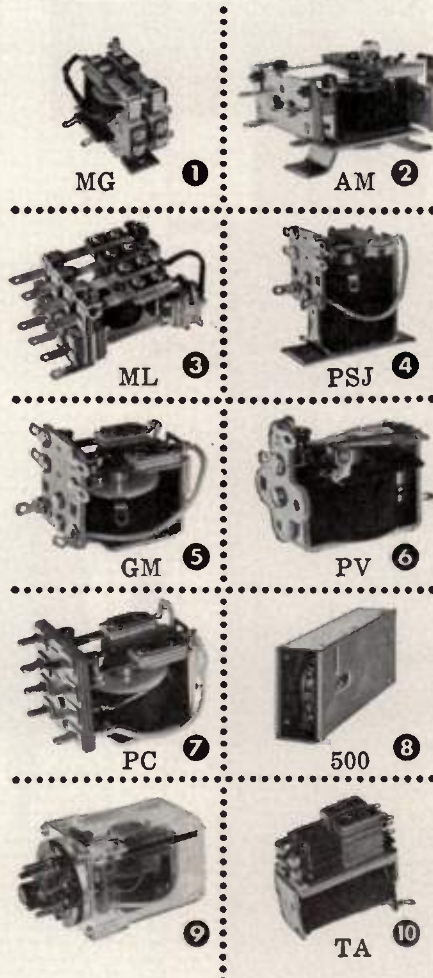

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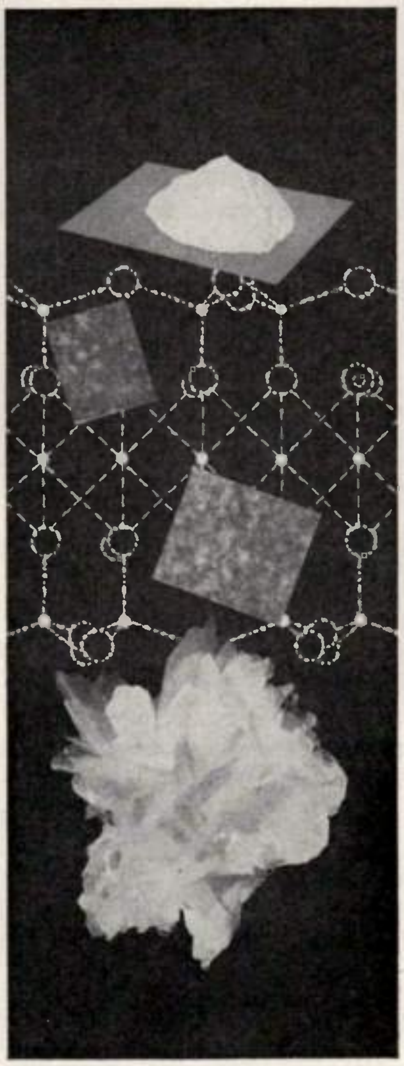

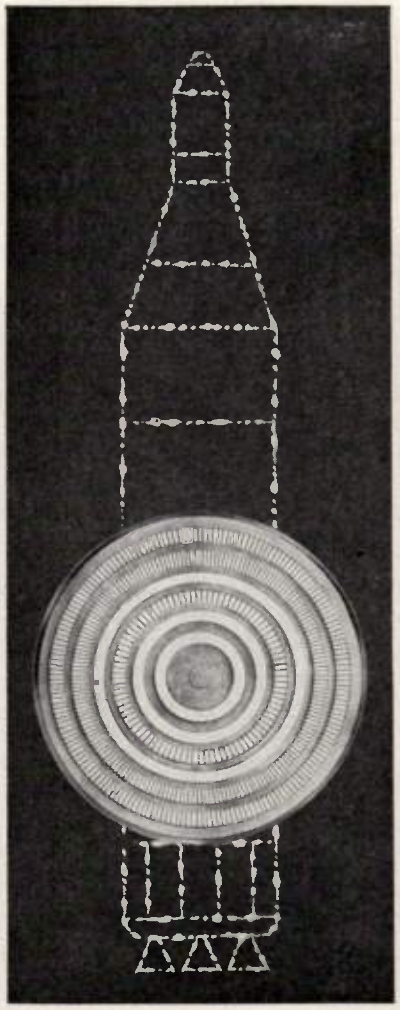

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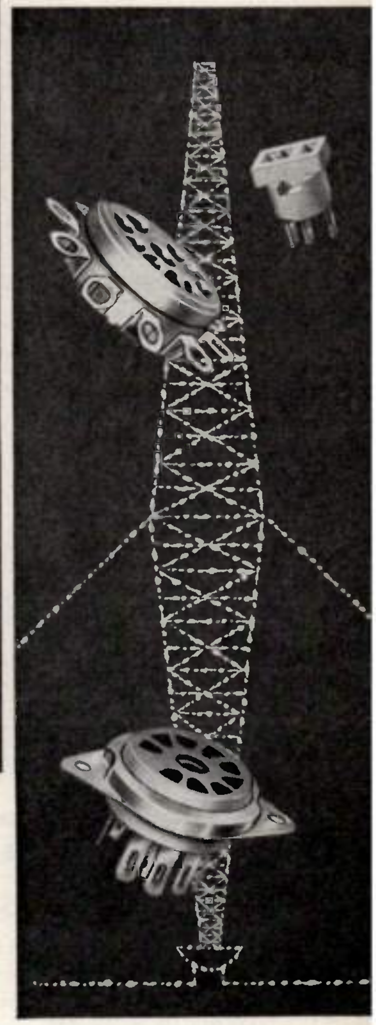

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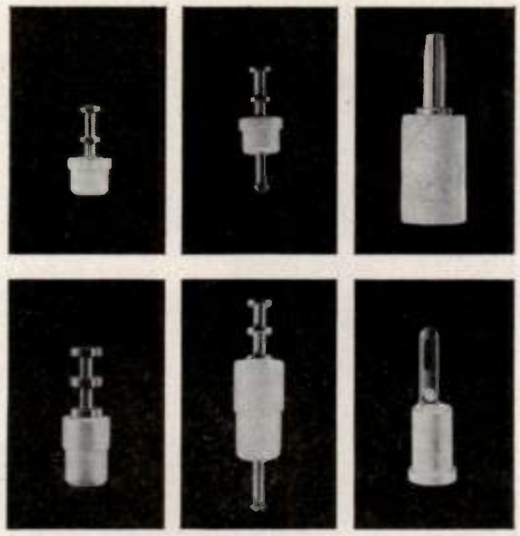
- ★ **SUBMINIATURE STAND-OFFS** — The ultimate in space-saving terminals for subminiaturization programs
- ★ **SUBMINIATURE FEED-THRUS** — For facilitating connections through chassis or casing in subminiature components and assemblies
- ★ **PROBES AND PLUGS** — Companion units for connectors and test jacks
- ★ **MINIATURE STAND-OFFS** — For components and assemblies stressing higher operating voltages rather than space-saving
- ★ **MINIATURE FEED-THRUS** — Wide selection of bushing diameters and lengths for making connections through chassis or casing
- ★ **CONNECTORS AND TEST JACKS** — Breakaway connectors (male and female) miniature test point jacks (female) accepting test probes.



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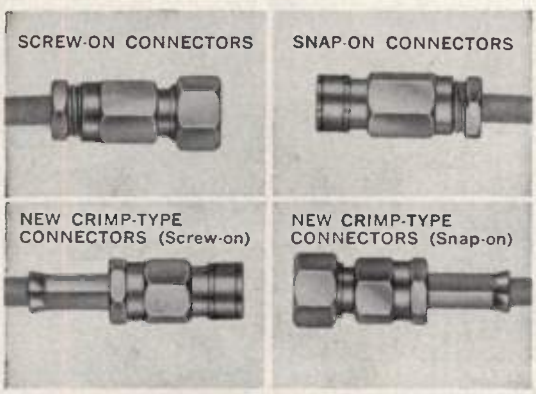
SUPERIOR CONHEX SUB-MINIATURE RF CONNECTORS



Superior electrical and mechanical characteristics. Available as either Clamp-On or Crimp-On types for Scew-On or Snap-On connections. Connector to cable connections in either type are stronger than the cable itself. Wide range of types in both 50-ohm and 75-ohm impedance. Captivated contacts insure proper engagement of mating parts. Design prevents distortion of cable, thus eliminating electrical characteristic changes.

- ★ **STRAIGHT CABLE PLUG AND JACKS**
- ★ **BULKHEAD RECEPTACLES**
- ★ **CABLE FEED-THRUS**
- ★ **RIGHT ANGLE PLUGS**
- ★ **CABLE TERMINATIONS**
- ★ **PRINTED WIRING RECEPTACLES**
- ★ **TEE ADAPTORS**
- ★ **BNC AND TNC CABLE PLUGS**
- ★ **ADAPTORS, BNC, TNC, N, TO CONHEX JACKS AND PLUGS.**

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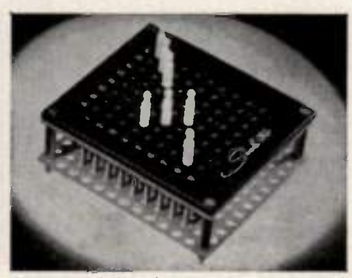
An exclusive Sealectro design permitting complete switching, programming and component interpositioning without patchcords in minimum space. Shorting pins, or component holders, are merely inserted at desired X- and Y-axis coordinate. Standard boards available. Custom designed and made boards to fit any X- and Y-axes requirements. Save money. Assure top dependability. Save space. Provide fast, simple operation. Incorporate the Sealectoboard in all equipment requiring multi-point switching, programming or component interposing.



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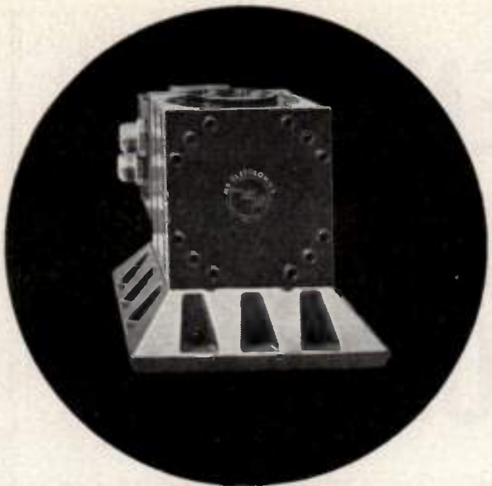
Sealectro CORPORATION
139 HOYT STREET, MAMARONECK, NEW YORK
PHONE: OWENS 8-5600 TWX: MAMARONECK NY 5120



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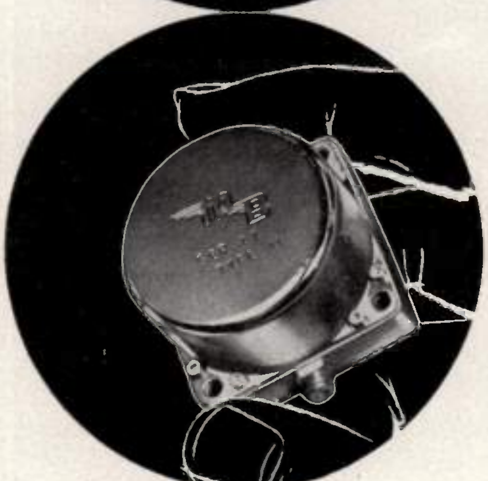
Soundly designed, skillfully produced and conservatively rated, these field-proven hydraulic shaker systems can shake loads of from 5 pounds to over 15 tons. They supply the brute force needed to fatigue-test heavy structures to destruction. Systems consist basically of one or more shaker heads, a primary hydraulic power supply, and an integrated, all-inclusive electronic console. Send for Bulletin and individual specification sheets.

COMPLETE VIBRATION TEST SYSTEMS

A broad range of amplifiers, vibration exciters, and specialized matched controls form integrated systems for simple sine wave through complex motion testing. Force lbs. vector to 25,000 . . . frequencies from 5 to 10,000 cycles. MB amplifiers feature automatic, push-button operation. Controls facilitate automatic cycling. In producing the widest scope of complete systems for vibration testing, MB has accumulated unmatched experience in the techniques of testing. It is applied with engineering imagination, administered through the largest field force of vibration specialists. It is ready to help you. Send for bulletins on vibration test system specifications.



VIBRATION MEASUREMENT INSTRUMENTS

Vibration pickups and meters for measurement and read-out complement MB test systems. Velocity-type pick-ups are available for low frequency, high frequency and shock testing, at temperatures ranging from $-50°$F to $+500°$F. They are calibrated to $\pm 1\%$ accuracy. New, miniaturized VIBRAMITE pickup weighs only 2.75 ounces. Eddy current damping provides flat response to 2,000 cps.

A three position switch on MB meters permits readings directly in "g" vector, velocity in inches per second vector, or displacement in inches total amplitude. Models available for battery or 110 volt, 60 cycle operation, with provision for input from two or four pickups. Send for bulletins.

VIBRATION ISOLATORS

Isomode® industrial and military vibration isolators featuring large deflection ratings . . . high load capacity . . . small size . . . exceptional stability . . . equal spring rate in all directions. Units for special applications developed to specifications. Send for data.

Pioneer and leader in the field of vibration

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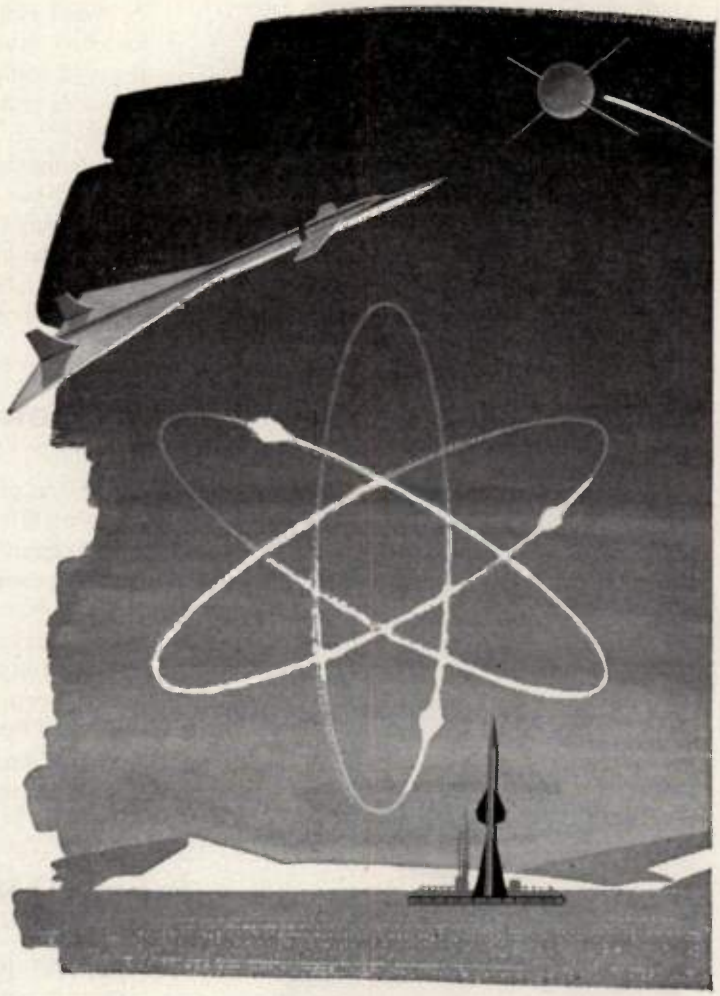
for commercial and military aircraft, missiles, and space vehicles



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any size panels

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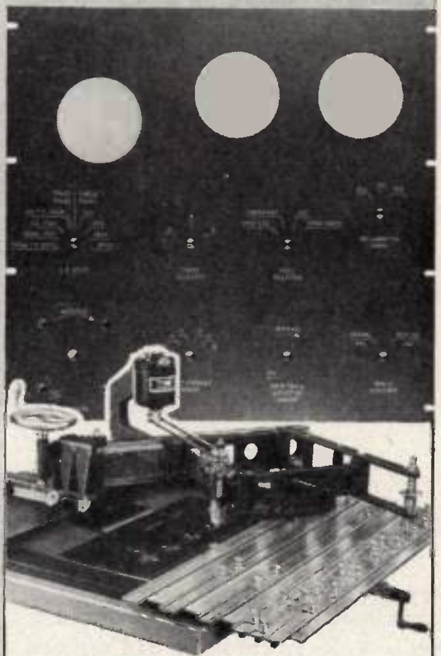

Engrave 1-inch nameplates or 6-foot panels by unskilled labor.

Spindle covers 18¼" x 6" in one set-up — more than any other machine of its kind.

Bench type model I-R—$685.

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Model V-10

A unique vibration test instrument representing the ultimate in engineering design and quality at a surprisingly low price. New, but not experimental; tested and proved in use.

- Frequency Range: 20 c/s to 27 kc/s at full thrust with useful power to 100 kc/s
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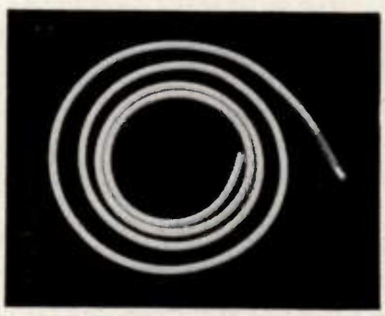
- Compressional Resonance: 17 kc/s. First Anti-resonance: 27 kc/s
- Frequency Response with a 2 oz. load is flat to within 10% from 50 c/s to 10 kc/s with no feedback
- Nominal Force Output: 20 lbs. Force Factor: 5 lbs./amp

Send for catalog #601

reliable, inexpensive ULTRASONIC PROBE



Model VP-10

This highly accurate probe obsoletes costly and, too often, inaccurate microphone equipment used for measuring ultrasonic levels.

Has a wide variety of applications in ultrasonic cleaning and processing: For displaying sound levels; For comparing sound levels at different times or in different tanks; For locating optimum position and power level; For setting similar sound levels with different amounts and liquids.

Will stand a static pressure of 100 lbs./sq. in. Unaffected by high temperatures; can be sterilized at up to 125° C.

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New Microwave Component Catalog Lists 7317 Stock Units

You'll want a copy of the new Microlab 72 page Microwave Component Catalog which includes newly designed **TERMINATIONS, FIXED** and **TURRET ATTENUATORS** (miniaturized, up to 12,000 mc; and high power, up to 15w; precision units with improved VSWR and attenuation values); **HIGH** and **LOW PASS FILTERS; COAXIAL TUNERS; RESISTIVE** and **REACTIVE POWER DIVIDERS; COAXIAL CONNECTORS; CRYSTAL MOUNTS; MONITOR TEES; DC BLOCKS; DC SHORTS; SIGNAL SAMPLERS.**

Catalog also includes **Design Section** for each product and a special article on the **Application of Matrix Algebra to the Design of Microwave Networks.**

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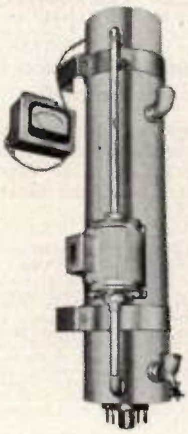
NEW! HI-POWER COAXIAL

CALORIMETRIC POWER METER

DIRECT READING 5 to 50 KW

DC 1000 MC • VSWR less than 1.3



These power meters are greatly simplified Colorimeters which use water to carry the heat away, for economy of space and cost.

The instrument is fully self-contained, portable, water cooled and requires only connection to the power line and water supply. It does not use any flow meters, thermometers or any other controls. There is only the "ON" and "OFF" switch for the operator to use on the front panel, when a measurement is to be made. A sensitive thermopile and microammeter measure the power dissipated in the R.F. load. The microammeter is calibrated in watts, is direct reading and can be remotely located.

The radio frequency load has a low VSWR betwen DC to 1000 MC. This feature makes it possible to calibrate this instrument at 60 cps against an accurate laboratory type wattmeter, and then use it at any frequency up to 1000 MC. Thus an accuracy at 2% can be easily accomplished. This recalibration is necessary only when measurements are made at extreme temperatures or when wear is suspected.

This calorimeter is particularly recommended for field service where a rugged and yet accurate Power Meter is required for use by unskilled personnel.

Model	Power Rating	Connector	Max. VSWR	Water Supply	Price
CX-5	5 KW	1-5/8"	1.3	1.5 G.P.M.	$1050.00
CX-10	10 KW	3-1/8"	1.3	3 G.P.M.	1250.00
CX-20	20 KW	3-1/8"	1.3	6 G.P.M.	2250.00
CX-50	50 KW	6-1/8"	1.3	15 G.P.M.	4500.00

Average Reading R. F. POWER METERS

2 700 MC

These broad band R.F. Power Meters are of the absorption type consisting of an oil filled, air cooled, coaxial load resistor and a voltmeter calibrated to read watts. The power meter is suitable for use as a field or laboratory test instrument, is completely shielded and non-radiating, permitting transmitter testing and adjustment without interference. The meter box is easily detached, permitting location of the load resistor at a remote point. In cases where power measurements are not required the load resistor may be used as a dummy load. No correction curve is necessary to cover the frequency range. The spurious response usually associated with directional couplers and capacitative voltage dividers is absent in this purely resistive voltage divider. Since this is a resistive voltage divider which has the same voltage division at DC, 60 cycle AC, and at high radio frequencies, this instrument can be calibrated and its calibration can be checked frequently on 60 cycle supply voltages.

Model	Power Ranges in Watts	Max. Power Dissipation	Price
PM-3	60, 150	150 watts	$220.00
PM-4	0.15, 0.6	1 watt	95.00
PM-5	0.6, 0.15	1½ watts	95.00
PM-6	1.5, 6	10 watts	95.00
PM-7	150, 600	600 watts	285.00
PM-8	1.5, 6, 15, 60	100 watts	225.00
PM-9	2.5, 10	10 watts	105.00
PM-10	15, 60	90 watts	145.00
PM-14	25, 100, 500	500 watts	325.00
PM-16	150, 600, 1500	1500 watts	375.00
PM-18	1.5, 6, 15, 60, 150, 600	600 watts	485.00
PM-19	1.5, 6, 60, 150	100 watts	275.00

PEAK READING

R. F. POWER METERS

The peak reading power meters listed are designed to accurately measure the peak power of pulsed R.F. signals in the range of .2 to 700 MC with PRF of 200 to 10,000 pps and pulse duration of .5 microseconds or more, and less than specified maximum average power dissipation.

Model	Peak Range	VSWR	Max. Average Power Dissipation	Connector	Impedance	Supply Voltage	Accuracy	Freq. Range	Price
PM-12	0-50kw	1.15	60 watts	Type HN	51.5	115V, 60-1600cps	±10%	.2-700Mc	$350.00
TS-305	0-50kw	1.15	50 watts	Type HN	51.5	115V, 60-1600cps	±10%	220-330Mc	$350.00
PM-13	0-100kw	1.15	100 watts	Type HN	51.5	115V, 60-1600cps	±10%	.2-700Mc	$425.00

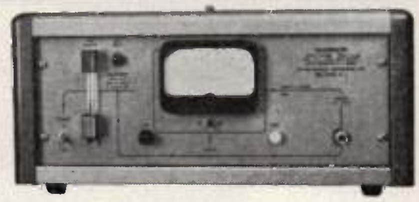
Electro IMPULSE LABORATORY INC.

208 RIVER STREET • RED BANK, NEW JERSEY

Phone: SHadyside 1-0404

DIRECT READING

Calorimetric Power Meter



ACCURACY: 3% (less load error)

These power meters are greatly simplified Calorimeters, which use an accurate metering pump of the gear type driven by an over-powered synchronous motor to keep the fluid flow constant. The instrument is fully self-contained, portable, self-cooled and requires only connection to the power line. It does not use any flow meters, thermometers or any other controls. There is only the "ON" & "OFF" switch for the operator to use on the front panel, when a measurement is to be made. A sensitive thermopile and microammeter measures the power dissipated in the R.F. load. The microammeter is calibrated in watts and is direct reading. These Calorimeters are available with either a coaxial or a waveguide load.

COAXIAL CALORIMETERS

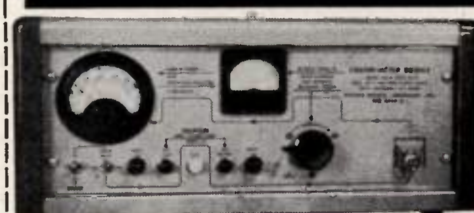
Type	Full Scale Power	Freq. Range KMC	Price
CPM-10	10	DC-10	$950.00
CPM-50	50	DC-10	950.00
CPM-100	100	DC-10	950.00
CPM-500	500	DC-10	950.00
CPM-5000	5000	DC-1	1400.00
CPM-10000	10000	DC-1	2000.00
CPM-20000	20000	DC-1	3250.00

WAVEGUIDE CALORIMETERS

Type	Full Scale Power	Price
CPW-10	10	$850.00
CPW-50	50	800.00
CPW-100	100	800.00
CPW-500	500	800.00
CPW-5000	5000	1200.00
CPW-10000	10000	1750.00
CPW-20000	20000	2950.00

DIRECT READING

Calorimeter Bridge



With Self-Contained Calorimeter Loads, Cooling System & Circulating System.

ACCURACY: 2% (less load error)

This Calorimeter is completely self-contained with its own circulating system, cooling system and the radio frequency dummy load and requires only connection to the regular power line. The R.F. power is read directly on a 4½" meter in watts. A single coaxial dummy load is available to cover the frequency range from DC to 10,000 Mc and for the power range from 1 to 1000 watts. The overall accuracy of this Calorimeter is 3%. However, this accuracy can be improved greatly by calibrating the Calorimeter by means of an external laboratory-type wattmeter.

Model	Range	Frequency	Price
CB-11	1 watt	DC-4 KMC	$900.00
CB-12	5 watts	"	900.00
CB-13	25 watts	"	1250.00
CB-14	150 watts	"	1250.00
CB-15	500 watts	"	1450.00
CB-16	1000 watts	"	1650.00
CBW-1	1 watt	7-12 KMC	1450.00
CBW-2	5 watts	"	1450.00
CBW-3	25 watts	"	1250.00
CBW-4	150 watts	2.4-12 KMC	1100.00
CBW-5	750 watts	1-12 KMC	1500.00
CBW-6	3000 watts	"	2400.00
CBW-7	6000 watts	"	3000.00

HOWELL INSTRUMENTS, INC.

ACCURACY
0.1%

INFINITE RESOLUTION

PORTABLE

PYROMETER POTENTIOMETER

The Instrument with the Tape-Slidewire

The HOWELL Pyrometer Potentiometer is a direct (digital) reading instrument designed to measure the e.m.f. output of any type of thermocouple or any circuit with low e.m.f. output. With automatic cold junction compensation the Potentiometer reads temperature with the scale calibrated directly in °C. or °F. ...in any ambient temperature from −65°F. to +160°F. Standard 144-inch tape is normally divided into any 1000 easy-to-read divisions. The highly sensitive galvanometer allows 1 mm. deflection per temperature scale division.

FEATURES:

1) Automatic cold junction compensation.
2) Direct reading in °C., °F., or in microvolts.
3) Direct digital reading.
4) Tape-Scale length: 12 feet.
5) Slide wire: 12 feet.
6) Light beam galvanometer.
7) 0.1% guaranteed accuracy.
8) Sensitivity: .00002 volts per scale division.
9) Calibrated to any curve or function.
10) Power: RM-4 Mercury Battery or Zener referenced power supply for 110 v., 60 or 400 c.
11) Readability: To 0.05% of range.
12) Light weight: 8 lbs.
13) Small size: 7" x 8" x 5".

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Record thirty channels of on-off data by merely supplying current to writing styli — no pens or inks — simple motion switches are easily installed to make or break writing current to Alfax Paper. Ideal for monitoring production operations and processes, this compact, rugged recorder is portable for lab, factory and field use. Also available in 2 channel Magazine Fact Finder.

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Get hi-resolution tone shade recordings on Alfax Paper of detecting instruments using scanning or sweep methods to collect data. Synchronize Alden "Flying Spot" with sweep or rep rate of your equipment—use direct signal outputs to mark Alfax with tone shades proportional to signal variations. Ideal for sonar, radar, facsimile, ultrasonic and magnetic flaw detection etc.

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An Alden "Flying Spot" helix Recorder, easy coupling drive motors and plug-in electronics suitable for a range of applications at speeds of 60 to 1800 sweeps/minute with 100 sweeps/in. definition are arranged as flexible building block components in this compact, mobile lab.

Precision Graphic Recorder
Instant, direct graphic recording of underwater energy propagations embracing full range of applications including seismic profiling, layer studies, echo sounding and ranging, bottom mapping, finding underweater objects, broad oceanographic studies.

• *Fastest, Most Accurate Means of Communication!*

New high and low speed Alden facsimile recording systems using Alfax Paper are the most accurate means of communication today — are simple to install and operate virtually unattended.

High Speed Selective Dispatch Facsimile System
Specially designed to permit selection of pertinent data from any copy — letters, dispatches, reports, etc. — for instant transmission to wherever needed — yet complete reproductions can also be sent. 72 square inches of copy, 1800 words of newspaper type, or 900 words of typewriter text can be transmitted and received per minute.

Continuous Reproduction Facsimile System
Extremely high quality reproduction of large copy; such as newspapers, weather maps, blueprints, finished advertising layout, drawings, photographs, etc., can be transmitted easily with this equipment. Copy is scanned flat and reproduction automatically on remote continuous recorder.

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Fastest, accurate means of disseminating information to large groups of people. Automatically provides changing "up to the minute" bulletins 4 feet wide and up to 10 feet high and as much as 12 square feet of copy per minute, enlarged 10 times from remote flat-copy scanner as sent either by wire or a microwave system.

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Alden Research Center, Westboro, Mass.

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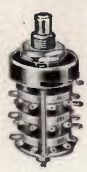
MINIATURE ROTARY TAP SWITCHES


SERIES 12 and 5000

Miniature Tap Switches

Serves wide range of applications from automotive, to missile and navigation equipment. Identical in rating, materials and accessories. Series 12 offers added feature of soldered terminal to contact rivet joints for low resistance under corrosive conditions. 36° indexing. 1 to 10 decks, 2 to 10 positions per deck. Conservatively rated to break 1 ampere, at 115 VAC, resistive, or carry 5 amperes. Life expectancy 100,000 operations.

SERIES 24

For Precision Requirements

Designed for high reliability military and commercial applications. Positive detent action. 36° indexing. One pole per deck with shorting or non-shorting contacts—1 to 10 decks, 2 to 9 positions with built-in stop, or 10 positions continuous rotation unless otherwise specified. Two poles per deck (non-shorting contacts only) also available, made to order via multiple deck construction. Rating: break 1 ampere, 115 VAC, resistive, or carry 5 amperes.

SERIES 45

Midget Tap Switch

For high reliability military and commercial applications demanding small size. Single deck, single pole only. 2 to 6 positions with stops standard on 2 to 5 positions. 6 positions continuous rotation unless otherwise specified. 60° indexing. Shorting and non-shorting base is molded melamine thermosetting plastic per MIL-M-14, Type CFG. Terminals are solder type brass, lead tin plate and fused. Conservatively rated to break 1 ampere at 115 VAC resistive circuit and to carry 5 amperes. Supplied with mounting nut.

SERIES 6 and 36

Miniature Concentric Shaft Switch

Fully enclosed tap switch permitting new flexibility, and allowing 2 switches to be mounted in space normally occupied by one. Each shaft controls from one to three decks, with two to ten shorting, or non-shorting, positions per deck. Can be furnished in over 6500 combinations of decks and positions. Only 1" in diameter including solder lugs. Series 36 incorporates precision detent action.

Rating: Break 1 ampere, 115 VAC resistive, carries 5 amperes. 3/8-32 threaded and keyed bushing, supplied with knobs and mounting nut.

Spring Return Rotary Switch

Same as Series #24 except momentary contact, spring return to either side of center position. Available 1 to 3 decks (incl.), one pole per deck, shorting or non-shorting contacts. Also available with up to 4 detent positions plus spring return position to either right or left of detent position.

PUSH BUTTON SWITCHES

LIGHTED PUSH BUTTON SWITCH

Equipped with a NE2 neon bulb, with light circuit independent of switch circuit. Switch rated at 1 amp. 115 VAC with approximate life of 500,000 operations. Normally open. Momentary contact. 3/8-32 threaded bushing, 7/16" max. dia., 1 1/4" behind panel length. Fine silver contacts. Solder type terminals.

No. 40-1—Normally Open

MINIATURE PUSH-PULL SWITCH

Push-on, pull-off action, SPST. Normally open. Rating: 1 ampere, 115 VAC resistive. Life expectancy 100,000 operations. threaded bushing, 1/2" O.D., 1 1/2" overall length including terminals.

No. 30-16

SNAP ACTION SWITCH

Snap action, momentary contact, SPST, push button switch. Normally Open or Normally Closed available. Rating: 10 amperes, 115 VAC, resistive. Life approximately 50,000 operations. 15/32-32 threaded bushing, 7/8" O.D., 1 59/64" overall length including solder type terminals.

No. 2201—Normally Open (Red Button)

No. 2202—Normally Closed (Black Button)

SILENT ACTION SWITCH

Silent action, momentary contact, SPST, push button switch. Normally Open or Normally Closed available. Rating: 1/2 ampere, 115 VAC, resistive, for approximately 800,000 operations, or 1 ampere for approximately 100,000 operations. 15/32-32 threaded bushing, 51/64" O.D., 1 17/32" overall length including solder type terminals.

No. 4001—Normally Open (Red Button)

No. 4002—Normally Closed (Black Button)

DOUBLE POLE SWITCH

Silent action, Normally Open, momentary contact, DPST, push button switch. Rating: 1/2 ampere, 115 VAC, resistive. Life over 100,000 operations. Button and housing molded phenolic. 51/64" O.D., 1 17/64" overall length including solder terminals.

No. 35-1 (Red Button)

MINIATURE PUSH BUTTON SWITCH

Silent action, momentary contact, Normally Open, SPST, switch rated at 1/4 ampere, 115 VAC, resistive. Life approximately 1/2 million operations. Button and housing molded phenolic. 5/16-32 threaded bushing, 1/2" O.D., 1 3/64" overall length including solder terminals.

No. 23-1 (Red Button)

SUB-MINIATURE SWITCH

Silent action, momentary contact, SPST, push button switch. Normally Open or Normally Closed available. Conservatively rated at 1/10 ampere, 115 VAC, resistive. Life approximately 1/2 million operations. Button and housing molded phenolic. 1/4-32 threaded bushing, 3/8" O.D., 63/64" overall length including solder terminals.

No. 30-1—Normally Open (Red Button)

No. 30-2—Normally Closed (Black Button)

ULTRA-MINIATURE SWITCH

Silent action, momentary contact, Normally Open, SPST, push button switch. Conservatively rated at 1/10 ampere, 115 VAC, resistive. Life over 1 million operations. Button and base molded phenolic. 1/4" O.D., 19/32" overall length including solder terminals.

No. 39-1 (Red Button)

SOLDERLESS WIRING SWITCH

Silent action, Normally Open, momentary contact, SPST, push button switch. Built-in receptacles for A-MP #53 taper pins plus "in-and-out" wiring provision on one side. Rating: 1/2 ampere, 115 VAC, resistive. Life over 100,000 operations. Button and housing molded phenolic. 3/8-32 threaded mounting bushing and knurled nut black anodized aluminum. Lockwasher provided. 1/2" O.D., 31/32" overall length.

No. 34-1 (Red Button)

Grayhill INC.

537 HILLGROVE AVENUE, LA GRANGE, ILLINOIS • TELEPHONE: FLEETWOOD 4-1040

GRAYHILL BINDING POSTS

All metal parts are nickel plated brass. Insulating washers are non-turn "D" style phenolic to MIL-M-14. Integral solder stud plus two hex nuts for solder lug connections. All posts may be used on panels up to 3/16" thick and are shipped completely assembled.

29-3 SCREW TYPE

For ½" dia. mounting hole. ⅝" dia. insulating washers for use in existing equipment or where wider spacing is desirable. Available in red, black, white, yellow, blue, gray, green and brown.

29-1 SCREW TYPE

For ⅜" dia. mounting hole. ½" dia. insulating washers. Allows closer spacing of posts. Available in red and black.

29-33 SPRING LOADED

For ½" mounting hole. ⅝" dia. insulating washers. Spring loaded head gives 24 oz. of contact force. Designed for rapid connections. Available in red, black.

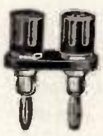
29B11 For use with 29-1 posts. Makes an assembled unit with two posts on ¾" centers. Molded phenolic to MIL-M-14. **29B11-1 (Black) 29B11-2 (Red)**

29-41

Binding Plug (screw type) conforms to same standard as the binding posts. Mounted on a standard banana plug. **29-41R (Red) 29-41B (Black)**

29-43

Binding Plug (spring loaded). Head gives 24 oz. contact force. Designed for rapid connections. **29-43R (Red) 29-43B (Black)**



29-42

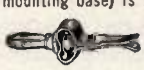
Twin Binding Plug. Two binding plugs mounted on a molded phenolic base. Banana plugs are on standard ¾" centers. Sold as a completely assembled unit with two screw type heads.

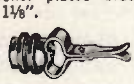
29-44 Same as 29-42 except with spring loaded heads.

TEST CLIPS

The basic clip is available in 4 types of mounting. Designed for panel mounting on test equipment to allow rapid connections without manual opening and closing of jaws. Hex nut allows for tension adjustment of each clip. Clips are nickel plated brass. Length of test clip (excluding mounting base) is 1⅛".


2-0 Threaded stud

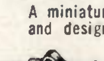

2-1 Banana plug.

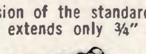

2-4 Threaded stud with insulating washers.

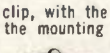

2-6 Pin plug.

MINIATURE TEST CLIPS

A miniature version of the standard test clip, with the same construction and design, but extends only ¾" above the mounting surface.


2-20 Threaded Stud


2-21 Banana Plug


2-24 Threaded Stud with Molded Phenolic Insulating Washers

TEST CLIP ADAPTERS

2-2 For testing resistors, capacitors and other pigtail type components. Banana plugs are on standard ¾" centers. All metal parts are nickel plated brass. Mounting board is molded phenolic to MIL-M-14. Hex nut under clip allows for tension adjustment of individual clips. Test clip extends 1⅛" above board.

2-7 Similar to the 2-2 except that banana plugs are adjustable from ¾" to 1¼" centers.

INSULATED TEST CLIPS

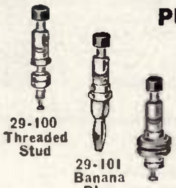
COMPLETELY INSULATED (including hinge pin) eliminating the danger of shorting. Molded parts are phenolic to MIL-M-14. .008" thick silver overlay at point of contact. Terminal is silver plated brass. Contact resistance .0015 ohms. All units tested at 500 volts to insure complete insulation.

16-B (Black) 16-R (Red)

TRANSISTOR SOCKET 22-11

Designed for JETEC 30 packaging. Leads fit on 100 MIL grid for printed circuit. Socket fits through ⅜" drilled or punched hole and may be fastened with rivets or #2 screws. Terminal numbers are molded into bottom of socket and top face has key rib for alignment with transistor tab. Contacts are wrap around type, silver plated beryllium copper with gold flash. Base is molded mica-filled phenolic per MIL-M-14, Type MFE.

PUSH POST


29-100 Threaded Stud
29-101 Banana Plug
29-104 Molded phenolic washers

Designed to provide fast positive connections, this post is operated by depressing the plunger, inserting lead, and releasing plunger. Spring pressure assures firm positive contact. Only ¾" overall height above mounting surface. Nickel plated brass parts. Red or black molded button cap.

29-100 (Red or Black)

29-101 (Red or Black)

29-104 (Red or Black)

SERIES 31 TEST JACKS

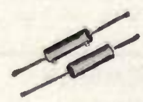
Designed for use on printed circuit boards as test points. Accommodates standard phone tip plugs from .081" to .0825" dia. Rivets to board like an eyelet. Rivet dia. is .114". Jack is silver plated brass with gold flash. Retaining ring is cadmium plated spring steel. Extends ¼" above circuit board.

31-1 (for 1/16" board)
31-2 (for 3/32" board)
31-3 (for ⅛" board)

PLASTIC SLEEVES FOR SERIES 31 TEST JACKS

Sleeves snap on and permanently lock in place over test jacks. Molded of thermo-setting plastic. Overall dimensions .24" dia. x .29" high. Available in black, red, green, gray, brown, blue, yellow and white. **31B—(Specify Color)**

COIL FORMS



(Pat. No. 2,653,992)

MOLDED OF MICA FILLED PHENOLIC per MIL-M-14, Type MFE with leads of tinned solid copper wire.

PART NO.		LENGTH	DIAMETER	LEAD WIRE DIA.
(28YY1003	−1	.500"	.125"	.025"
(With Posts)	−2	.625"	.187"	.032"
	−3	.750"	.187"	.032"
	−4	.500"	.250"	.040"
28YY1006	−5	.750"	.250"	.040"
(Without Posts)	−6	1.000"	.250"	.040"
	−7	.500"	.156"	.032"
	−10	.375"	.107"	.025"

STAND OFF INSULATORS

Body of insulator is molded of mica filled phenolic per MIL-M-14, Type MFE. Terminals are silver plated brass. Overall length excluding mounting stud is 15/16". Diameter is 5/16".

18-1 (Female)
18-2 (Male)

MATING INSULATING WASHERS

For jacks with a ⅜" dia. bushing. Washer for rear of panel has indexing hole that corresponds with the non-turn tab of the jack. Front washer fits under hex mounting nut. Sold in pairs.

21B78-1 (Mica-filled phenolic)
21B78-2 (Black elec. grade phenolic)

MOLDED INSULATING WASHERS

Molded from black electrical grade or mica filled phenolics. Available in eight different sizes for #4 to ⅜" screws. Overall diameters are ⅜", ½", or ⅝".

21B1001 through 21B1022

▶ TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

AEL

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CRYSTAL VIDEO DETECTOR MOUNTS

C-XN-XB,
X—Ku—K—Ka frequency bands 3.95L to 40 Kmc.
Min. Tangential sensitivity —50 dbm nominal in all bands with recommended crystals.

WAVEGUIDE

50 Mc to 12000 Mc
Broad Band - Octave Band - Narrow Band Tangential Sensitivity to —65 dbm depending on RF bandwidth measured at 2 Mc video bandwidth.

COAXIAL

HORN ANTENNAS

Circular Polarization
X-Ku-K-Ka frequency bands in stock—

Lower frequency horns made to order. Made of cast aluminum with plastic dirt cover over radiating end.

Linear Polarization
1 Kmc to 12 Kmc
Optimum design-Coaxial feed.

Equal E & H-plane beam widths Low VSWR over entire octave or greater bandwidth.

BROADBAND COAXIAL & WAVEGUIDE CRYSTAL SWITCHES

Switching speeds faster than 10 millimicroseconds
Frequencies 10 MC to higher than 18 KMC.
Extremely small switching power required as compared to conventional switching devices. (Higher freqs. under devel.)
Insertion losses are as low as tenths of a db with isolation 60 db or higher if required.
Low VSWR (When in closed position). Also available
VOLTAGE VARIABLE ATTENUATORS CRYSTAL POWER LIMITERS

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Waveguide band pass and high pass filters available from standard designs X, Ku, K and Ka bands—other waveguide and coaxial units available from existing or from special design.

BROAD BAND ANTENNAS

CONICAL HELIX • LOG PERIODIC

Frequency bands of 20:1 with one antenna.
Standard or custom band widths.
Circularly or linearly polarized.
Rigid or collapsible construction.

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Unique transistorized Video Amplifiers feature *low noise, high gain,* and wide dynamic range.
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Send us your requirements and we will adapt one of our many existing designs or engineer a new one tailor made for your system.
For laboratory applications inquire about models 120A and 173 video amplifiers.

All built to meet military environmental requirements.

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DIGITO-METERS

ROTARY SWITCHES

by ELECTRO-MEC

All our instruments offer you design flexibility and long life.

Step up reliability.

Step down size of your system.

POTENTIOMETERS: A complete line of superprecision linear and non-linear potentiometers. Certified calibration data, including recordings of output function are supplied with each instrument. All AIA sizes from RR-09 to RR-30.

DIGITOMETERS: Four sizes are available in this shaft angle digitalizer, 1.06" to 3.00" Dia. When you operate under severe ambient conditions, always specify Electro-Mec Digitometers. They are designed to withstand the rigors of MIL (E) 5272 environmental tests.

ROTARY SWITCHES: Our newest product with the same built-in reliability you have come to expect from Electro-Mec. .875" to 3.00" Dia., these Rotary Switches can be supplied singly or in combination with potentiometers. Current capacity up to 250 ma.

For further information or for data sheets, write or telephone our Engineering Department.

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ELECTRO-MEC DIVISION OF WALTHAM PRECISION INSTRUMENT COMPANY, INC.

47-51 33 Street — Long Island City 1, N.Y.

Demineralizing Equipment NEWS from Penfield

Fully "Packaged" System Supplies 125-150 GPH of 18 Megohm Water

Penfield's new S-150 Demineralizing System includes multiple influent filters to remove turbidity, master dual-column demineralizer, scavenging carbon filter, polishing mono-column demineralizer, sub-micron effluent filter — all completely "packaged" on a single skid, ready to deliver an effluent of 18 megohms and better upon simple connection to service lines. (Other fully "packaged" Penfield systems available with capacities from 60 to 10,000 GPH.)

Pressure-Type Demineralizer "Polishes" to Ultra-High Purity at Point-of-Use

The Penfield PM-8 Demineralizer supplies up to 50 GPH of 18-22 megohm water — is ideal for point-of-use "polishing." Permanent cartridge design prevents raw water by-pass experienced with "canned" resin units. Cartridge unscrews by hand to permit easy resin renewal from bulk supplies, enabling substantial savings in replacement resin costs. Unit also can be charged for use as a cation exchanger, anion exchanger, carbon filter, oxygen or organic remover, and is adaptable for scavenging oil from gases.

In-Plant Regeneration Unit Saves 90% of Costs of Demineralized Water

A Penfield Regeneration Unit makes the renewal of exhausted resins from Point-of-Use Demineralizers an easy in-plant function. Operator merely feeds resin into unit, then turns a single master switch to control resin separation, regeneration, rinsing and proper re-mixing. Average operating cost, including all labor and regenerants, is less than 30c per cartridge.

Fully Integrated Weir Washer "Polishes," Heats, Monitors, Cascading Water

Integral filters and pressure-type demineralizers enable circulation of 18-22 megohm water through multiple partitioned tank of a special weir design that precludes stagnation. Direct reading conductivity meter permits instant monitoring at any of three check points. Novel clip bar makes replacing heat elements simple. (Penfield also constructs weir washer tanks in standard sizes or to customer specifications, using a wide variety of materials such as block tin, cast acrylic plastic, etc.)

15 years of ion exchange pioneering means that Penfield has on file field-proved answers to most industrial water problems — usually can detail the system you need by phone, ship your completely "packaged" units in a matter of days. Try a phone call or letter and see for yourself.

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Telephone: BEverly 5-1694
19D High School Ave., Meriden, Conn.

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M-F TRANSISTORIZED ASSEMBLIES

AUDIO TONE OSCILLATORS

RC Sine Wave—Reliable and Hermetically Sealed

Series 101 through 110 are sine wave generators operating at any frequency from 400 cy. to 30 kc. Weight is approximately 35 grams; operating temperature, minus 25 to + 55°C. Dimensions 7/8" sq. x 1 3/16". Volume is 1½ cubic inches. Available for 12 or 28 volt operation.

All oscillators use three transistors and premium components. Each oscillator is individually tuned to the desired frequency and subjected to considerable aging and testing.

Uses Are: Small signal sources in fixed frequency telemetry; test sets; production audio testing; bridge circuits. For application in aircraft, space vehicle, portable equipment and wherever a reliable source of frequency is required.

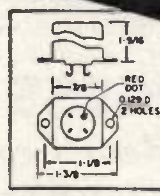


Fig. 1 Mechanical Dimensions

ELECTRICAL SPECIFICATIONS

Series 101 and 102 are fixed frequency and amplitude units to be used as a signal source into a light load. These should be used where no field adjustments are required. Series 101 and 102 usually supplied with 4 pin solder hook terminals. If desired, specify NOVAL plug.

	Series 101	Series 101A	Series 102	Series 102A
Input Volts, DC	10.5-13.5	24-32	10.5-13.5	24-32
Input Current, ma.	7	7	7	7
Output Frequency	Fixed. Any frequency from 400 cycles to 30 KC			
Initial Frequency Accuracy per cent	± 2½	± 2½	± ½	± ½
Frequency Drift, maximum, per cent	± 2½	± 2½	± 1½	± 1½
Maximum Load, kilohms	10	20	10	20
Output Voltage, VRMS, minimum	1	2	1	2
Change in Amplitude, maximum db.	± 1	± ½	± 1	± ½
Distortion, maximum, per cent	1	1	1	1

Series 103 thru 105 are similar to Series 102 except adjustment of amplitude and frequency may be made with an external variable resistor. They may be used as signal source into a light load where exact voltage or frequency is required.

Series 103 through 110 are used where variable frequency or amplitude is required. Loads are 600 or 220 ohms.

BINARY DIVIDERS, COUNTERS and MULTIVIBRATORS

Microminiature Units (1/5 of a cubic inch)

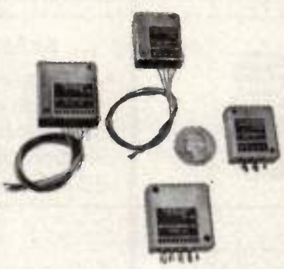
Type 11B—30 KC Binary Divider
Supply Voltage: − 4 to − 12 volts at 4 ma., maximum
Input Frequency, maximum: 30 KC positive pulse
Operating Temperature: − 25 to + 60°C

Type 11C—300 KC Binary Divider
Supply Voltage: − 4 to − 12 volts at 4 ma., max.
Input Frequency, maximum: 300 KC positive pulse
Operating Temperature: − 25 to + 60°C

Military Units (1 cubic inch)

Type 25—High Frequency Binary Divider—These units have been supplied under military contract. Government Source Inspection available.
Supply Voltage: 10 to 14 volts DC at 8 ma., nom.
Input Frequency, maximum: 1.2 MC
Output Voltage: 5 volts or greater
Temperature of Operation: − 10 to + 60°C

Type 26—Binary Divider—These units have been supplied under military contract. Government Source Inspection available. The Type 26 has various internal networks to facilitate logical arrangement.
Supply Voltage: − 12 volts of 6 ma., + 12 volts at 2 ma.



Other units are available
Such as Decade Dividers in Silicon and Germanium

M F Electronics Co.
118 East 25th Street
New York 10, N. Y.
ORegon 4-5360

Model 200 Shaker

VIBRATION TESTING EQUIPMENT

Complete systems from 175 to 5000 pounds, force, featuring economical expandability, automatic control, minimum distortion or lateral motion, low gauss level at table, environmental models and limited random testing with minimum accessories.

DIAL-A-GAIN INSTRUMENTS

1. Low noise cathode follower of unique design.
2. Up to 100 feet of shielded input signal cable.
3. Precision calibrated adjustment of gain.
4. Direct dialing of accelerometer sensitivity.
5. Standardized data through normalized output.
6. Usable with recording instruments.
7. Direct indicating meter models.
8. Simultaneous displacement, velocity and acceleration outputs.

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Complete Engineering and Production Service including:

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All Shapes and Sizes, Long or Short Production Runs
Light, Medium and Heavy Gauges to Close Tolerances
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- SILVER
- HAYNES STELLITE
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Ultra modern plants equipped with high efficiency metal forming machines, plus experienced metal-working engineers, assure metal components of the highest accuracy. KAUPP craftsmen can work to closest tolerances and are thoroughly familiar with the problems involved in fabricating today's modern metals for the most critical applications. Highest inspection standards insure rigid adherence to specifications on instrument cases, covers, weldments and sub-assemblies for commercial and military electronics.

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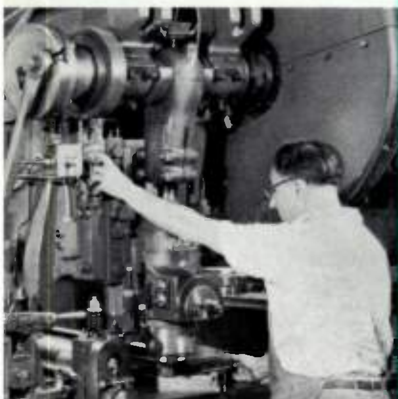

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Precision metal-working machines of all types assure high-accuracy metal forming to exact specification. All operations are performed by trained mechanics under the close supervision of experts.

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1 Monarch—16x54
1 Le Blond—17x54
1 South Bend—14x36
2 South Bend—10x36
2 South Bend—9x36
1 Cincinnati—26x60
1 Le Blond—22x48

MILLING MACHINES
1 Milwaukee Universal
1 Milwaukee Vertical
1 Hardinge
2 Bridgeport ½ HP
2 Cincinnati Tool-masters
1 Bridgeport 1 HP
1 Simmons Horizontal Production
1 14" Gould Eberhardt Universal

GRINDERS
1 Cincinnati Universal —10x36 Internal External Hydraulic
1 Browne & Sharpe—6x12x18 Surface
1 Neven Bench Grinder Complete with Diamond Wheel
1 Thompson—6x12x18 Surface Hydraulic
1 Reid—6x12x18 Surface
1 Arter Surface Grinder No. 18
1 Monoset Tool & Cutter Grinder

PRESSES
1 Bliss No. 4A Single Crank Double Action
1 Bliss No. S-100—100 Ton 10" Stroke Pneumatic Cushion 15 Ton
1 Bliss No. 305—90 Ton 10" Stroke Pneumatic Cushion 15 Ton
1 Niagara No. 3½A—54 Ton
2 Niagara No. H2½—25 Ton
1 Bliss No. 20B—32 Ton
2 Bliss No. 18 Horn
2 Bliss No. 18 Inclinable
3 Bliss No. 18C Inclinable
1 Consolidated No. 72 Pneumatic Cushion —5 Ton
1 Loshbough & Jordan No. 2 Special
1 Loshbough & Jordan No. 3 Special
1 Zeh & Hanneman No. 4
1 Zeh & Hanneman No. 2 Inclinable
1 8" Hydroform
1 12" Hydroform
1 19" Hydroform

METAL SPINNING LATHES
1 Grabo Gap Lathe 24" to 60"
1 Grabo 26"
3 Grabo 22" Motor Driven
1 Grabo 18"
1 Grabo 16"
1 Prybil 26"
1 Fruin 22"

SAWS
1 Grob Band Filing Fab No. 18
1 Grob Band Die Cutting
1 Marvel Power 6x8
1 Marvel Power 10"

SHEARS
1 Niagara Squaring Shear 6'
1 Niagara Squaring Shear 4'
1 Foot Shear 3'
1 Niagara Power Circular Shear & Flanger
1 Niagara Power Ring & Circular Shear
1 Hand Circular Shear

SPOT WELDERS
1 Peer 15KVA & Timer
1 Eisler 10KVA & Timer
1 Taylor Winfield 50KVA

JIG BORER
1 Pratt & Whitney 1½B

MISCELLANEOUS
1 Mulmat High Speed Sensitive Drill Press
1 Leland Gifford 26" Single Spindle Press
1 Buffalo 16" Drill Press
4 Walker Turner 14"
1 Compressor Westinghouse 5 HP
1 Compressor Ingersoll Rand 3 HP
1 Drop Hammer 200 lb.
2 Atlas Lathes Prod. Work Trim
3 Utility Bit Grinders
1 Walker Turner 10" Tilting Arbor Table Saw
1 Zip Lift No. A
1 30"x60" Surface Plate & Angle Computer
1 Moore 10" Dia. Rotary Table
1 Hand Brake 4 ft.

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Kaupp engineers have solved many unusual metal forming problems relating to both military and commercial type metal components. In many instances slight design changes, suggested by our engineers, have resulted in substantial savings in both time and money. Kaupp's wide experience ranges from parts for electrical appliances to guided missile components.

Consult Kaupp for Quotations on Your Requirements

Our engineers will recommend the best method of production for your specific components. Estimates on your metal parts will be supplied on receipt of your blueprints or specifications.

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VIBRATING CAPACITORS

A vibrating-reed type capacitance modulator used to measure currents as low as 10^{-16} amperes. Drift never exceeds ± 0.2 millivolts per day, noncumulative. Thus it is ideal where stable performance without recalibration is required for periods of a month or more.

Please write for Catalog 523.

STEVENS
INCORPORATED
ARNOLD

QUALITY SINCE 1943

7 ELKINS ST., SO. BOSTON 27, MASS.

DC-AC CHOPPERS
For 50/60/94/120 C.P.S.

These miniature Choppers are outstanding. Long life and flawless performance are assured by the exclusive Stevens-Arnold twin contact feature. Noise level is less than 1 microvolt into 100,000 ohms. There are twenty-two types, both single and double pole, all built to meet rigid commercial specifications.

Please write for Catalog 515.

DC DRIVEN CHOPPERS

For portable and transistorized instruments. A modification of our service proven AC driven type, these have a 94 cycle chopping rate to eliminate offsets in DC amplifiers and null-seeking equipment. Drive Unit operates from 12 volts DC.

Please write for Catalog 554.

MILLISEC RELAYS

Amazingly fast, from 200 microseconds to 1 millisecond. Available in both commercial and military models, single-pole and double-pole, with shielded or unshielded coils. They are factory sealed and may be mounted in any position.

Please write for Catalog 337

OSCILLATOR STABILIZERS

TUNING FORK Oscillator Stabilizers afford precise and economical frequency stabilization of vacuum tube or transistorized oscillators to provide accurate control tones for the operation of Resonant Relays. Available in the range of 50 to 1000 cps.

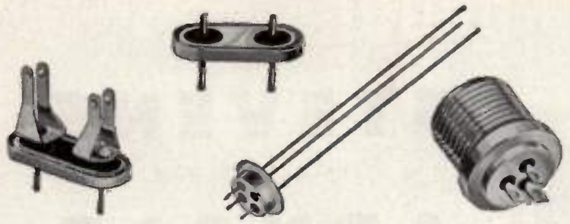
Please write for catalog 563.

RESONANT RELAYS

For low cost selective calling or remote control, use Stevens-Arnold TUNING FORK Resonant Relays. They operate only when energized at rated frequency and permit individual control of thousands of functions at the end of a cable pair or radio channel. Now miniaturized, they can be furnished in any frequency from 50 to 1000 cps.

Please write for catalog 563.

S/A-29-1



SEAL-A-METIC *originates the new "MOLECULOC" sealing technique*

As Part Of A Five-Point Program . . .
To Give You Faultless Glass-to-Metal Seals.

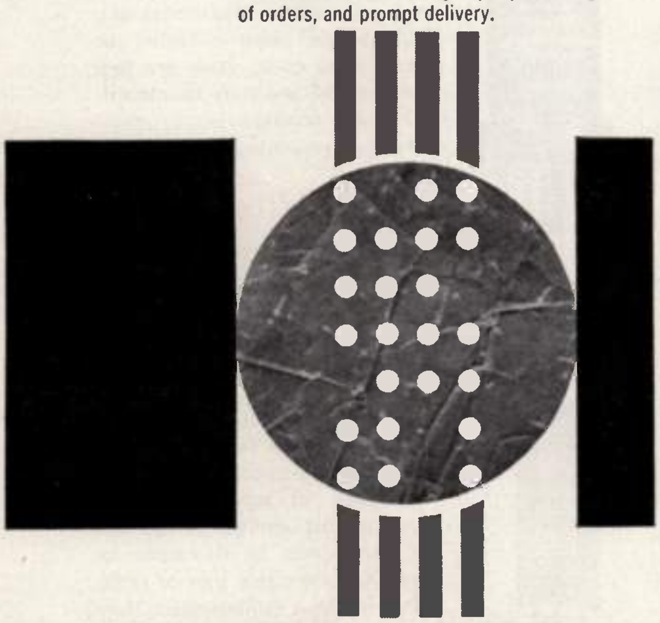
Point 1 The Moleculoc Sealing Technique
An exclusive process that assures a faultless seal despite repeated bends, twists, pulls and heat.

Point 2 Customer-Specified Design
You design the header you need—to the tolerances you require. Custom-specified design means the seal is made specifically for your application —the basic requirements for a perfect seal.

Point 3 Engineering Background
Seal-A-Metic has assembled an engineering staff that ranks second to none in the hermetic seal industry. The key personnel were pioneers in the development of glass-to-metal seal technology and are eminent in the field.

Point 4 New Quality Control Techniques
Seal-A-Metic employs several new and unique quality assurance tests that predict potential faults and cull all but the perfect seals.

Point 5 Service
Seal-A-Metic supports its 5-point program with courteous counseling, rapid processing of orders, and prompt delivery.



SEAL-A-METIC COMPANY
HALEDON, NEW JERSEY

AR 8-5400 area code no. 201
Division of Filtors, Inc. Write for free Glass-to-Metal Seal Design Guide

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design
production
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It's used more by all 4!

Because a BUYERS' GUIDE must contain *more* than product listings. The 26-man editorial staff of **electronics** has boiled down over-all marketing, materials, specifying, and design data pertinent to the entire industry into a valuable 64-page Reference Section available in no other electronic buying guide or directory. It gives a broad picture of who buys what, and where, in the electronics industry . . . an exclusive in electronic directories.

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PANEL METERS
TRANSDUCERS

DeJUR High Reliability Components

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½" Micro-Miniature

SERIES C-116 1¹⁄₁₆" Ganging

SERIES C-200 & BC-200
2" External Phasing

SERIES C-178, C-200, C-300
1⅞", 3", 2" Sine-Cosine

PANEL METERS

SERIES 25 & 35 2½" & 3½"
Commercial Models

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½" Micro-Miniature

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1" Sealed

RUGGEDIZED SERIES
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ELECTRONIC COMPONENTS

POWER DESIGNS

SEMICONDUCTORIZED

Power Designs' *Semiconductorized* Power Supplies utilize the unique properties of semiconductor devices to create new circuit concepts achieving performance, efficiency and reliability hitherto unattainable.

HEATRAN® is a transistorized circuit continuously monitoring dissipation in the series power transistors of the regulator system. Dissipation above a preset maximum value is automatically transferred into external vitreous enamel resistors extending from the rear of the equipment in a perforated metal cage. "HEATRAN" thus permits fewer transistors for a given power supply capacity, more compact equipment with increased reliability and practical convection cooling.

ROBOTEC® is an inherent electronic circuit producing simultaneous current and voltage cutoff upon external short circuit. The "ROBOTEC" circuit operates in 30 microseconds holding the power supply cut off until manually reset and reducing line input power to a negligible value. If an external short circuit exists the power supply cannot be turned on.

AMBITROL V-I

AMBITROL is a transistorized regulator circuit which will switch automatically to either voltage or current regulation at any predetermined voltage or current level. The circuit will also sense the maximum inherent voltage or current capacity of the supply, transferring automatically to that mode of operation in which the supply will continue to function as a regulator.

INTRODUCING

PRAXICON

$99.50

The PI-9000 Series Power Supplies of which Model PI 9028 is illustrated, utilizes an advanced technique for obtaining regulated DC Power at extremely high efficiency by means of switching circuitry which takes energy from the AC source in discrete pulses. These pulses are integrated by the regulator system to supply the load demand. Regulation is achieved by electronic control of pulse amplitude, pulse width, and pulse repetition rate.

PI-9028 1-28 VDC at 2 AMP.

WRITE FOR LITERATURE ON VARIOUS MODELS AVAILABLE

Prices subject to change without notice.

POWER DESIGNS INC. • 1700 SHAMES DRIVE

POWER SUPPLIES

MODEL	DC Voltage Range	DC Output Amperes	RIPPLE Millivolts RMS	SOURCE IMPEDANCE OHMS	REG-ULATION	TYPE	WGT.	PRICE**
1515	1-15	0-1.5	0.250	.01	.05% or 7.5 mv	A	14	$159.50
1515A	1-15	0-1.5	0.250	.01	.05% or 7.5 mv	A	14	174.50
3206	1-32	0-0.6	0.500	.01	.05% or 15 mv	A	14	174.50
5015	1-50	0-1.5	0.500	.01	.05% or 15 mv	B	17	229.50
105TA	1-100	0-0.5	0.500	.025	.05% or 15 mv	B	16	239.50
1210	1-12	0-10.0	1.000	.005	.1% or 10 mv	C	32	349.50
2050	1-20	0-5.0	0.500	.005	.05% or 10 mv	C	32	289.50
3240	1-32	0-4.0	1.000	.01	.05% or 15 mv	C	32	349.50
1010T	1-100	0-1.0	1.000	.015	.05% or 15 mv	C	32	339.50
4005	(See Full Page AMBITROL Ad With Specifications)					A	12	143.50
2020	(See Full Page AMBITROL Ad With Specifications)					A	15	199.50
*5015A	0-50	0-1.5	0.500	.01	.05% or 15 mv	B	17	234.50
1510TA	150V	0-1A	1.000	.01	.02%	†	32	375.00
5010P	1-50V	0-1A	1.000	.01	.05% or 10 mv	†	30	299.50

RACK PANEL ADAPTERS for Types A and B: Single Model RRA-15 $15.50. Dual Model RRB-15 $15.50.
RACK PANEL ADAPTERS for Type C: Single Model RRA-20 $17.50, Dual Model RRB-20 $17.50.
*Adjustable current limiting 0-1 .5 amperes. Available July 1.1961
**F.O.B. Westbury, N. Y. Terms, ½% 10, Net 30 days. Prices subject to change without notice.
†19" R Mtg. 5¼" Ht.

INPUT: 105-125 VOLTS
55-440 ~, 1φ

VACUUM TUBE POWER SUPPLIES

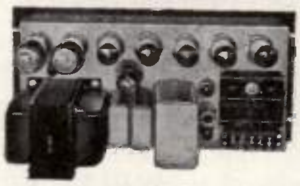
- .05% regulation for load or line variations
- 500 microvolts ripple
- 50 microseconds response time
- 10-turn voltage controls for minimum noise
- Karma (20 PPM) wire wound, low t.c. error sensing resistors.
- 50 hour pre-aging
- Meters included in feed back loop for low output impedance
- Separately fused line and load circuits
- Separate AC and DC switches
- JAN quality components

MODEL [5]	D-C VOLTAGE RANGE [7]	D-C OUTPUT MA	SOURCE Z OHMS	A-C OUTPUT #1 [2]	A-C OUTPUT #2 [2]	TYPE	WEIGHT LBS.	PRICE [5,6] NON-METERED	METERED
351	150-500	0-150 3	0.5	6.3V-6A	—	A	33	$153.50	$183.50
701	500-800	0-150	0.5	6.3V-6A	—	A	33	217.50	257.50
202A	100-200	0-200	0.25	6.3V-6A	—	A	35	164.50	194.50
322	200-325	0-200	0.5	6.3V-6A	—	A	33	164.50	194.50
502	300-500	0-200	0.5	6.3V-6A	—	A	35	186.50	216.50
203	100-200	0-300	0.2	6.3V-6A	—	A	33	196.50	226.50
323	200-325	0-300	0.35	6.3V-6A	—	A	35	186.50	216.50
353A	150-350 4	0-300	0.35	6.3V-5A	6.3V-5A	B	59	203.50	253.50
204	150-200	0-400	0.25	6.3V-5A	6.3V-5A	B	59	214.50	264.50
304	250-300	0-400	0.35	6.3V-5A	6.3V-5A	B	61	214.50	264.50
504	400-500	0-400	0.5	6.3V-5A	6.3V-5A	B	63	252.50	302.50
205A	100-200	0-500	0.1	6.3V-5A	6.3V-5A	B	63	280.50	330.50
305	250-350 4	0-500	0.25	6.3V-5A	6.3V-5A	B	63	280.50	330.50
306	280-320	0-600	0.25	6.3V-5A	6.3V-5A	B	63	310.50	360.50

NOTES:
1 All models except Models 205A, 305, 306 available for 400 ~ operation.
2 Dual A-C outputs may be operated in series for 12.6V or in parallel for 10.0 amp. output.
3 Derated to 100 ma from 350-425 volts and 50 ma from 425-500 volts output.
4 In two overlapping ranges.
5 Add suffix "M" to model number when ordering metered units, i.e., 351M.
6 F.O.B. Westbury, N. Y. Terms, ½% 10, net 30 days. Prices subject to change without notice.
7 Voltage range tolerance is at least 5 volts below min. and 5 volts above max. listed limits.

TYPE A ♦ PANEL VIEW
8¾" x 19" rack mounting with Weston 3½" meters black ripple enamel finish

TYPE A ♦ REAR VIEW
max. depth behind panel mounting surface: 9¼" cadmium/irridite chassis finish



TYPE B ♦ PANEL VIEW
12¼" x 19" rack mounting with Weston 4½" meters black ripple enamel finish

TYPE B ♦ REAR VIEW
max. depth behind panel mounting surface: 9¼" cadmium/irridite chassis finish

WESTBURY, L. I., N.Y. • EDGEWOOD 3-6200

♦ TO LOCATE NEAREST SALES OFFICES SEE GREEN SECTION

Bendix

MONTROSE DIVISION

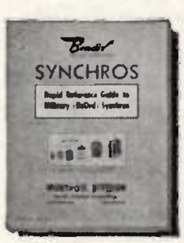
SYNCHROS

MIL-S-20708 | MIL-S-2335

Your complete source for all military type synchros with "off the shelf" delivery

SIZE 11	CT4c, 26V-CT4c, CX4c, 26V-CX4b, CDX4a, 26V-CDX4b, TR4b, 26V-TR4b, TX4b, 26V-TX4b
SIZE 15	CT4b, CX4b, CDX4b, TR4c, TX4b, TDX4b, CT6b, CX6b, CDX6b, TR6a
SIZE 18	CT4b, CX4b, CDX4b, TR4b, TDX4b, CT6b, CX6b, CDX6b, TX6a, TRX6a
SIZE 23	CT4, CT4a, CT4b, CX4, CX4a, CX4b, CDX4, CDX4a, CDX4b, TR4, TR4a, TR4b, TX4, TX4a, TX4b, TDX4, TDX4a, TDX4b, TDR4, TDR4a, TDR4b, CT6, CT6a, CT6c, CX6, CX6a, CX6c, CDX6, CDX6a, CDX6b, TR6, TR6a, TX6, TX6a, TX6b, TDX6, TDX6a, TDX6b, TDR6, TDR6a, TRX6a
SIZE 31	TR4d, TX4a, TX4d, TDX4b, TDR4b, TR6b, TX6b, TDX6b, TDR6b
SIZE 37	TR4a, TX4b, TDX4a, TDR4a, TR6b, TX6b, TDX6a, TDR6a
TYPE 1	1D, 1F, 1HCT, 1HDG, 1HG
TYPE 3	3D, 3F, 3HCT, 3HDG, 3HG
TYPE 5	5D, 5F, 5HCT, 5HDG, 5HG, 5N
TYPE 6	6HDG, 6HG

WRITE FOR FREE

Rapid Reference Guide to Military Synchros.→

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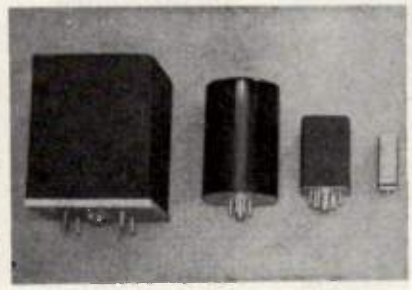
THE Bendix CORPORATION

CLARK CRYSTAL OSCILLATORS



CUSTOM MADE TRANSISTORIZED UNIT OSCILLATORS

- Frequency range 5 kc to 125 mc
- Stability 1 part in 10^8 to 1 part in 10^8
- Temperature range −55°C to +105°C
- Compact designs 1 cu. in. to 21 cu. in.
- Complete with temperature control

SPECIAL CRYSTALS

For delay line, filter, discriminator, optical, oscillator or ultrasonic applications.

- Frequency range 5 kc to 200 mc
- Stability .001% to .025%
- Temperature range −55°C to +105°C
- Wide variety of ruggedized holders

PREFERRED CRYSTAL UNITS

JAN Types CR-18A/U to CR-65A/U

- Frequency range 16 kc to 125 mc
- Stability .001% to .012%
- Temperature range −55°C to +105°C

CRYSTAL OVENS

For housing all types of crystals, small components and circuits.

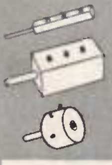
- Temperature range 40°C to 105°C
- Stability .01°C to 3°C
- Power range 6 watts to 40 watts
- Input 6 volts to 110 volts
- Dimensions 3 cu. in. to 96 cu. in.

CLARK CRYSTAL CO.

INCORPORATED

2 FARM RD., MARLBORO, MASS., U.S.A.
Phone HUntley 5-1411 • Cable—Crystal

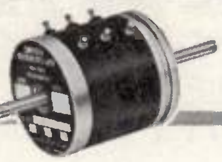
Precision Film Potentiometers

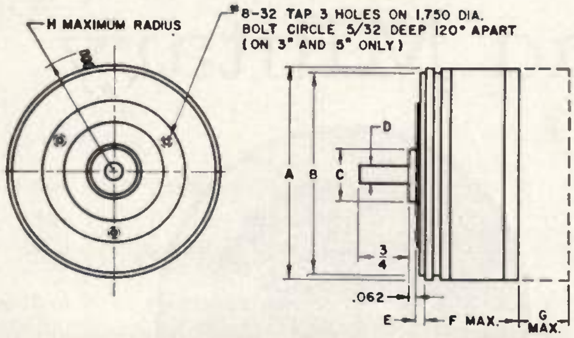


Available from Stock in all Sizes and Shapes

- INFINITE RESOLUTION
- INHERENT RELIABILITY
- PRECISION LINEARITY
- LOW OPERATIONAL NOISE
- MULTI-MILLION CYCLE LIFE

Rotary





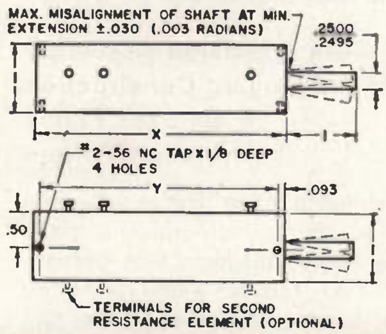
DIMENSIONS

MODEL	50	78	105 & 106	205 & 206	305 & 306	505 & 506
A	1/2	7/8	1 3/32	2	3	5
B	.4375	.7500	1.0300	1.8750	2.8750	4.8750
C	——	——	——	——	.7500	.7500
D	.1250	.1250	.1250	.2500	.2500	.2500
E	.060	.040	.040	.060	.060	.060
F	3/4	.635	.635	.985	1.350	1.870
G	——	.635	.635	.985	1.350	1.870
H	1/2	.570	.670	1.125	1.800	2.800

SPECIFICATIONS

MODEL	LINEAR	SINE-COSINE
Mechanical Rotation	360° Continuous	
Electrical Function Angle	350° Nominal	360°
Resistance Range	1K-250K	500Ω-50K Quad
Best Linearity or Conformity	.1% ÷ Inch of Dia.	.3% P-P ÷ Inch of Dia.
Virtual Resolution	1/75,000 ÷ Inch of Diameter	
Wattage	Diameter x 2	
Temperature Range	−55°C to 150°C	
Taps, Maximum No.	Diameter x 6	
Starting Torque (In.—Oz.)	Diameter x .15	Diameter x .2
Guaranteed Life (at 100 R.P.M.)	To 30 Million Cycles	

Linear

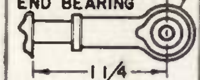


DIMENSIONS

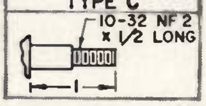
STROKE	X	Y
1/4" to 1"	2.125	1.937
1" to 2"	3.125	2.937
2" to 3"	4.125	3.937
3" to 4"	5.125	4.937
4" to 5"	6.125	5.937
Over 5"	1.125 + Stroke	.937 + Stroke

TYPE B

HEIM UNIBAL HF-3 SPHERICAL ROD END BEARING



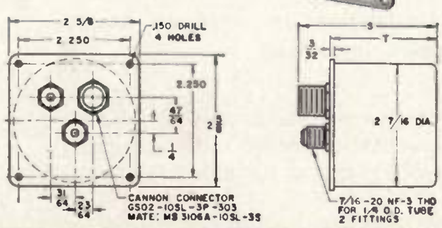
TYPE C



SPECIFICATIONS

Resistance Range	250 Min. to 125K Max. Per Inch of Stroke
Best Linearity	.05% ÷ Length of Stroke
Virtual Resolution	1/35,000 ÷ Inch of Stroke
Wattage	1 Watt Per Inch of Stroke
Temperature Range	−55°C to 150°C
Taps, Maximum No.	4 Per Inch of Stroke
Starting Force	.5 Lb. Max. at 25°C
Life	To 30 x 10^6 Strokes Depending on Circuitry

Pressure



SERIES 6000

1	Infinite Resolution Potentiometer Output
2	Pressure Range 0-5 to 0-4000 P.S.I. Gage, Differential, Absolute
3	Linearity ± 0.3% (0-100 P.S.I.) ± .5% (0-4000 P.S.I.)
4	Direct Coupled Pressure Capsule Eliminates Backlash, Friction and Repeatability Errors
5	Temperature Sensitivity Less Than .005% °C
6	High Output Voltage (50 Volts Max. AC or DC)
7	Ruggedized For Worst Environmental Conditions

DIMENSIONS	0-100 PSI	100-4000 PSI
S	3 3/8	2 3/8
T	2 19/32	1 19/32

WRITE FOR COMPLETE CATALOG

"first in film pots"

COMPUTER INSTRUMENTS CORPORATION

92 MADISON AVENUE • HEMPSTEAD, L. I., NEW YORK

CIC

General

Instruments built to all Commercial and Military Requirements

Only General builds meters with 4 star quality features

★ Precision Assembly
★ Rugged Isogard Construction
★ Unitized Frame
★ High Torque

In addition to "4 star" features, General Meters include: ⅛ inch antistatic glass windows, alnico 5 magnets, high strength coil bobbins, tubular aluminum alloy pointers, 3 point magnet supports, ¼% linearity, 1% accuracy if requested, 2% standard. General Meters produces custom meters to order as well as stock instruments to conform with the American Standards Association ASA C39.1-1955 for electrical indicating instruments and MIL specifications for unsealed, sealed, and sealed ruggedized.

We cordially invite you to visit our all new, environmental controlled meter assembly plant which is now in full production.

General METERS, INC.

Phone CH 3-0954, P.O. Box 1701, Grand Junction, Colorado, TWX-GJ 8125

General Meters instruments are sold worldwide through the following engineering representatives. See Green Section for address and telephone of the GM representative nearest you.

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California (Northern)
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California (Southern)
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New Jersey, Virginia (Northern)
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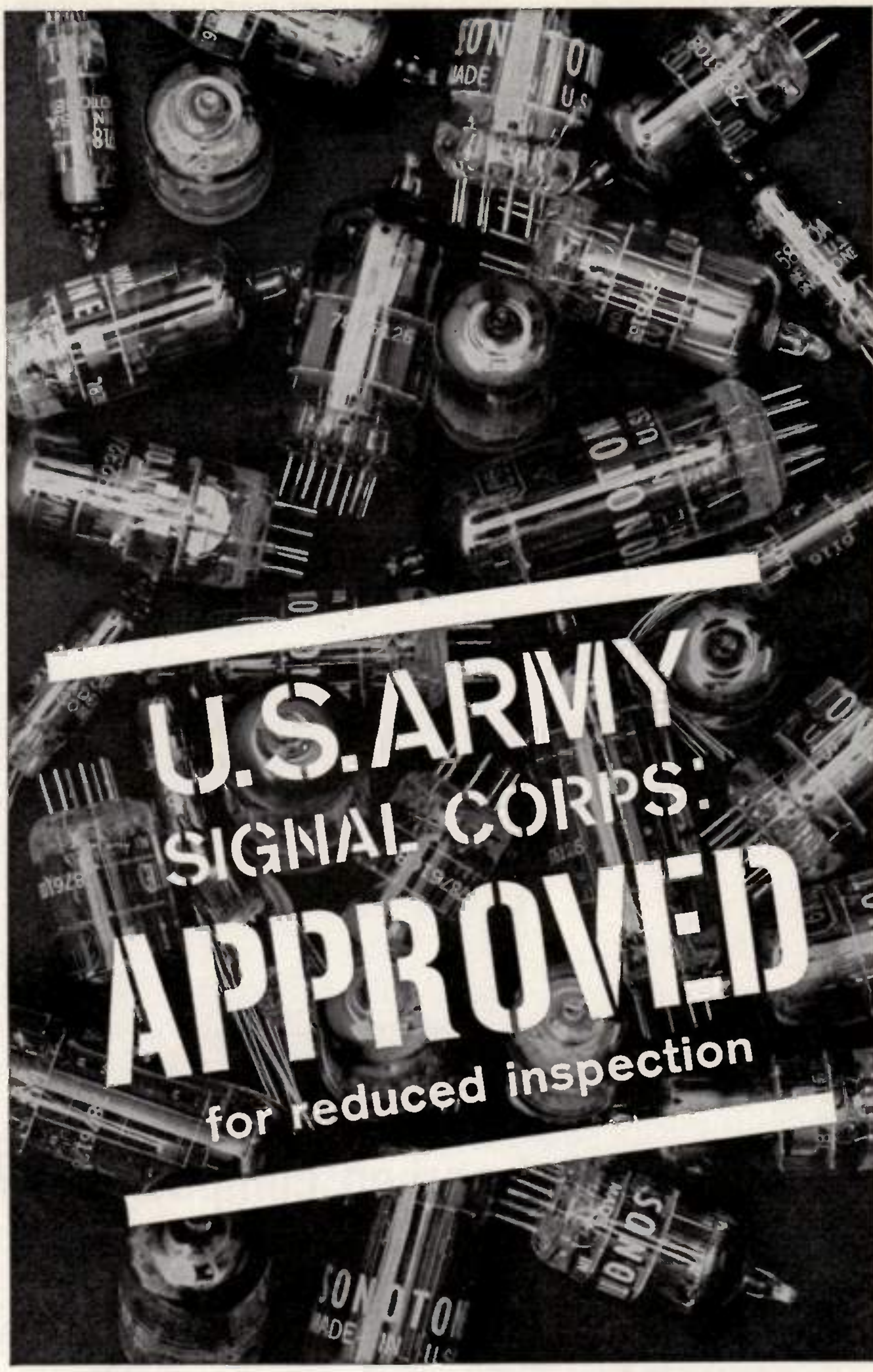
Grand Junction, Colorado



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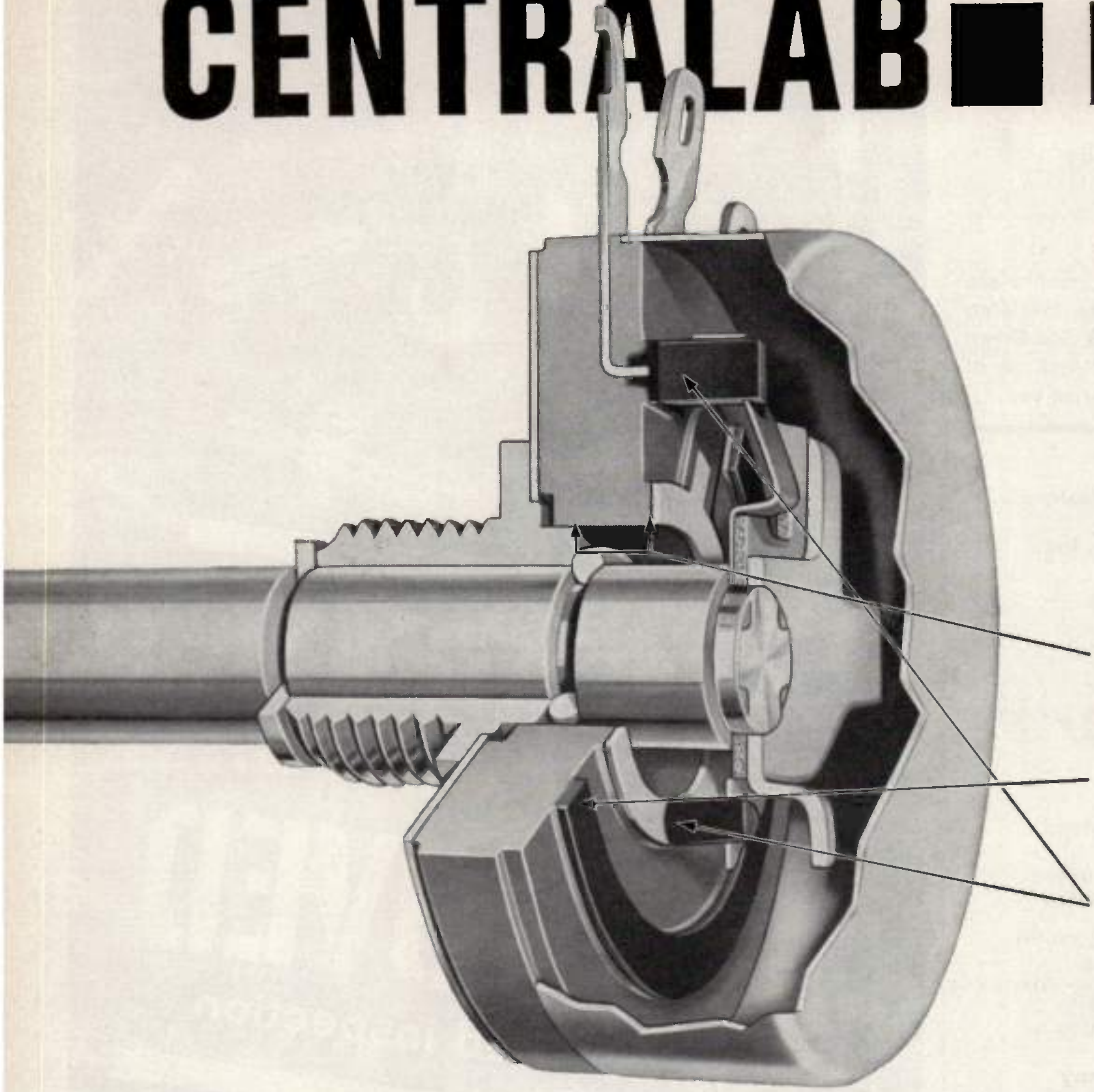
Sonotone's methods of production and quality control on electronic tubes are so rigid, the U.S. Army Signal Corps has officially reduced inspection of the company's full line of military tubes. This company is the first electronic tube manufacturer to qualify for complete R.I.Q.A.P. participation utilizing the concept of "paired attributes-verification" for acceptance by government inspection. All Sonotone tubes—military and industrial—conform to the same high standards. Over 200 to choose from—including many hard-to-get European types. Specify Sonotone when you want to be sure of quality.

Sonotone® CORP. ELECTRONIC APPLICATIONS DIVISION
ELMSFORD, N.Y. DEPT. T75-71

IN CANADA, CONTACT ATLAS RADIO CORP. LTD., TORONTO • LEADING MAKERS OF PHONO CARTRIDGES, SPEAKERS, MICROPHONES, TAPE HEADS, ELECTRONIC TUBES AND RECHARGEABLE BATTERIES

TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

CENTRALAB



These new CENTRALAB Poter
tiometers offer the smooth, nois
free operation and high stabilit
for which hot molded units ar
well known, plus many impo
tant advantages previousl
unavailable.

MODEL "A"

Rated at 2 watts, 500 volts, th
Model "A" series measure
1-3/32" in diameter and is 5/8
deep from the mounting surfac
Resistance ranges: 50 ohms—
meg, linear taper, 10K—2.5 me
log taper. These units provid

1. **Greatly increased high voltag stability, due to the wide clear ance between the bushing and th collector track.**

2. **Greater freedom from contam ination from dirt, carbon particle and sealing compounds, due t the elevated resistance track con struction.**

3. **Exceptionally long noise-fre operation that actually improve with use, provided by the carbo composition material of whic both the collector and pick-of brushes are constructed.**

Hot molded carbon composition Variable Resistors

that meet MIL-R-94 environmental and test requirements

MODEL "N"

These units, rated at 3/4 watt at 350 volts, are only 23/32" in diameter. They are 1/2" deep from the mounting surface—completely enclosed. Can be supplied with triple "O" ring shaft seal. Their small size and high rating permits their use instead of the Model "A" series in many applications. Available in same resistance ranges as Model "A".

MODEL "P"

Similar in construction to the Model "N" series, these controls measure only 1/2" in diameter, 15/32" deep from mounting surface and are rated at 1/2 watt at 350 volts. Completely enclosed with a sealed shaft and case, this series has an "O" ring shaft seal for extreme resistance to environmental conditions. 100 ohms—5 meg, linear taper.

MODEL "T"

This is a locking-type variable fixed resistor specially designed for trimmer application and printed circuit board use. It is extremely resistant to shock, vibration and acceleration and can be enclosed in a wide variety of encapsulants without damage. The Model "T" is 19/32" in diameter and 11/32" deep from mounting surface, 50 ohms—5 meg, linear taper.

Most CENTRALAB products are available for immediate delivery in industrial quantities, at factory prices from CENTRALAB industrial distributors.

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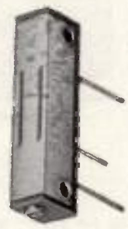


VARIABLE RESISTORS

1/4W. Linear Motion, wirewound 100 to 20K ohms and composition 10K to 2.5 meg. .250" x .325" x 1.250".

1/10W. Microminiature, 0.286" diam; Ultraminiature, 0.502" diam; Subminiature, 5/8" diam; 500 ohms to 10 megs. 1/4W. and 1/2W. Subminiature—For instruments and military. 43/64" diam. 500 ohms to 2.5 megs.

1/4W. Multiple Miniature—Up to 4 variable and 9 fixed resistors on a 3/4" x 2-1/4" steatite plate. 1000 ohms to 5 megs.

1/2W. Standard—For radio, TV. Single, Twin or dual-concentric. 15/16" diam. 250 ohms to 10 megs.

1-1/2W. Wirewound—for military and instruments. 11/16" diam., 5/16" deep. 4 ohms to 30K ohms.

2-5W. Wirewound—For instruments and TV. Single or dual-concentric. 1-5/32" diam. 1 ohm thru 100K ohms. Also available as 20 watt audio L and Bridged T Pad attenuators.

Write for Group B bulletins.

ELECTRONIC SWITCHES

Subminiature rotary—15/16" diam. for military and high reliability applications. Rating 0.5 amp. at 6VDC, 100 ma. at 110VAC. Laminated phenolic, steatite, single or multiple sections.

Miniature rotary—1-1/4" diam. for military and high reliability applications. Rated 2.0 amps. at 15VDC and 250 ma. at 110VAC. Available single or multiple ceramic, Mycalex and phenolic sections.

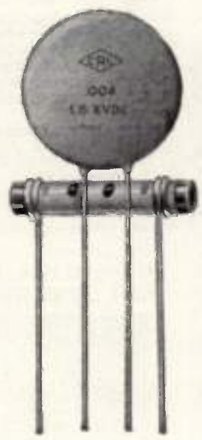
Standard rotary—1-5/16" diam. laminated phenolic or steatite insulation, single or multiple sections. Rating 2 amps. at 15-VDC. 150 ma. at 110VAC. (Resistive load.)

Heavy-duty power—For transmitter, industrial control, laboratory testing, military, commercial. 2-13/16" diam. 7-1/2 amp. rating at 110VAC. 25,000 cycles minimum.

Spring return—1-5/16" diam., coil or C-type springs, phenolic, steatite, single or multiple sections.

Specialized—Lever, slide, tone, tuner sections, others.

Write for Group P bulletins.



CERAMIC CAPACITORS

Ultraminiature—3 to 10VDC, 0.22—2.2 mfd.—for low power factor transistor applications.

Temperature compensating—Discs, tubulars, 150 v to 6,000 VDCW. 1 mmf.—0.1 mf. Capacitance +100 to −5250 ppm.

Bypass—Coupling—Discs, tubulars, 150 v to 6,000 VDCW, 1 mmf.—0.1 mf.

High Voltage—High Accuracy—High Voltage types, up to 30,000 VDCW, High Accuracy types, ± 1% tolerance, 500 VDCW, up to 2,500 mmf.

Trimmer—Tubular or flat. Meet MIL-C-81A specifications. 1 mmf. to 400 mmf. 500 VDCW.

Feed-thru—10—5000 mmf., 500—1,500 VDCW, bushing, shoulder, ring, eyelet, resistor-capacitor combinations.

Specialties—Stand-off, button-shape, potted, other capacitors.

Write for Group D bulletins.

PACKAGED CIRCUITS

Complete computer and Radio-TV circuits, amplifiers, oscillators, detector networks, resistor networks—including transistors, capacitors, resistors, wiring and inductance, manufactured to your specific performance limits.

PEC* circuits result in substantial savings in assembly costs. These high reliability packaged circuits can be supplied in a wide variety of terminals for printed circuit board applications.

1/2W. resistors meet applicable MIL-R-11 specifications, 50 ohms to 50 megs. Capacitors up to .01 mmf.

Write for Group Y bulletins.

*Trade Mark

ENGINEERED CERAMICS

High alumina—85%, 95%, 99%—for high frequency, high temperature applications close tolerance (±.00025") designs. L6A Jan-I-10 grade.

Grade Jan-I-10-L5A steatite, Grade L2A Corderite, and Grade L2A Electrical Porcelain. For applications where high dielectric and compressive strength, high dimensional stability, low loss and low power factor are required, there is a CENTRALAB ceramic material for the job.

CENTRALAB also specializes in metalizing of ceramics, for hermetic seals or mechanical attachment of other ceramic or metal parts.

Write for Group X bulletins.

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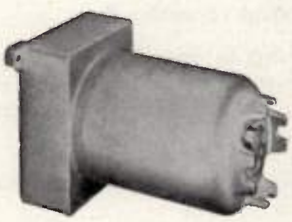
Recycling Cam Timers, 1 to 20 load switches, 2/3 sec. to 72 hours in 600 steps. Details in Bulletin #200, 201, 202, & 203.

Tandem Recycling Timer, interchangeable elements, time cycles from 1/60 sec. to 3 hours. Details in Bulletin #500.

Percentage Timer, dial adjustable for ON-OFF percentage of given time cycle. Details in Bulletin #500.



Explosion Proof Cam Timers, 1 to 20 load switches, 2/3 sec. to 72 hours. Details in Bulletin #800.

TIME DELAY

Series SF, 1/10 sec. to 5 minutes, Auto-Reset, 10 amp. contact rating, Back mounted. Details in Bulletin #300.

Series H, 1/10 sec. to 5 min., Auto-Reset, 10 amp. contact rating, flush mounted. Bulletin #300.

Series TD, 1/10 sec. to 5 min., Auto-Reset, 10 amp. contact rating, mounts through a hole. Bulletin #300.

Series TDAF, 1/60 sec. to 3 hours, instant reset, 10 amp. contact rating, flush mounting. Bulletin #300.

Series TDAB, 1/60 sec. to 3 hours, instant reset, 10 amp. contact rating, back mounted or available in case. Bulletin #300.

Series R, Hermetically Sealed, Ruggedized, time cycles from 1 sec. to 60 hours, 5 amp. contact rating. Details in Bulletin #600.

Series TH, Thermal Time Delay Switch, 10 amp. contact rating, time cycles from 15 sec. to 2 minutes, snap action switch. Details in Bulletin #301.

INTERVAL

Series PAB, 1/60 sec. to 3 hours, auto-reset, 15 amp. contact rating, available in housing, or back mount, extremely accurate. Bulletin #400.

Series P, 1/10 sec. to 5 min., self powered, auto-reset, 10 amp. contact rating. Bulletin #400.

Series M, 1 minute only, 10 amp. contact rating, auto-reset. Bulletin #400.

Series RS, 15 minutes to 60 hours, 20 amp. contact rating, manual set. Request Bulletin #400.

Series PAF, 1/60 sec. to 3 hours, instant reset, 15 amp. contact rating, panel mounting, extremely accurate. Bulletin #401.

Series SAR, Auto-reset Signalling Timer, time cycles from 15 min. to 3 hours. Bulletin #402.

RUNNING TIME METERS

Series C-2, 1/10 sec. count to 1 hour count. Bulletin #700.

Series C-5, Time totalizer, reset to zero type, counts available from 1 sec to 1 hour. Bulletin #700.

Series TTXP, Explosion Proof, external reset. Bulletin #800.

Series T3, Hermetically sealed and ruggedized, same counts as Series C-2. Complete details in Bulletin #600.

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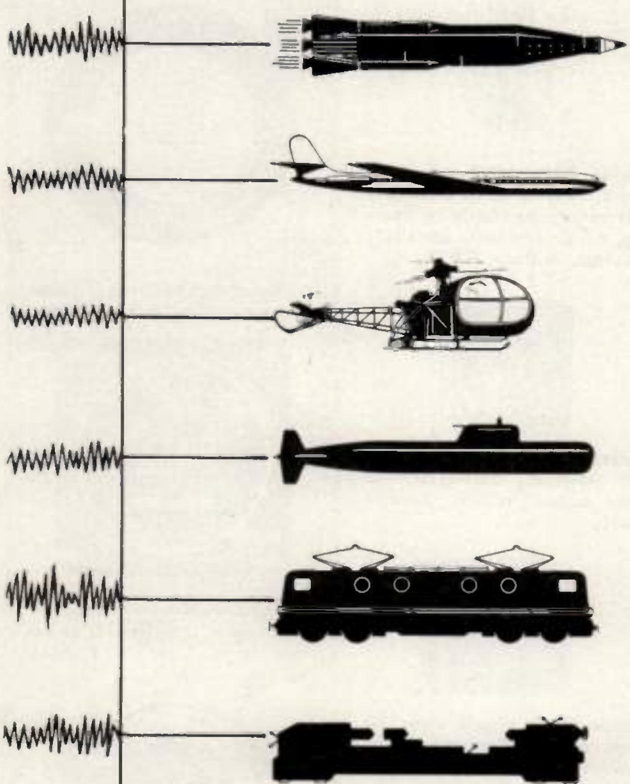

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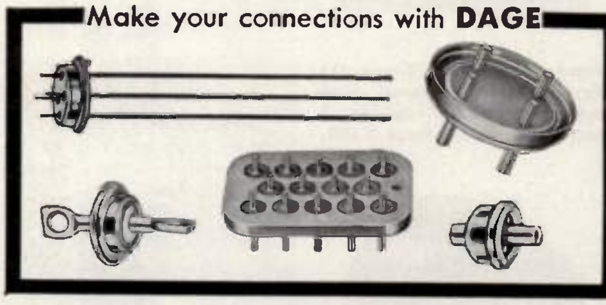

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CABLE CONNECTORS

BNC SERIES

CABLE PLUG

DAGE NO.	AN NO.	CABLE RG ( )/U
056-1	UG-88/U	55,58
073-1	UG-260/U	59,62,71
359-1	UG-88B/U	55,58
416-1	UG-260A/U	59,62,71
813-1	UG-88C/U	55,58
815-1	UG-260B/U	59,62,71
2030-1	UG-88A/U	55,58
3421-1	UG-260C/U	59,62,71

RIGHT ANGLE CABLE PLUG

DAGE NO.	AN NO.	CABLE RG ( )/U
2287-1	UG-913/U	55,58

SINGLE HOLE MOUNT JACK RECEPTACLE

DAGE NO.	AN NO.
081-1	UG-625/U
667-1	UG-625A/U
667-2	UG-1094/U
1-400-1	UG-911/U
1-408-1	UG-625B/U

FLANGE MOUNT JACK RECEPTACLE

DAGE NO.	AN NO.
055-1	UG-290/U
671-1	UG-290A/U

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CABLE JACK

DAGE NO.	AN NO.	CABLE RG ( )/U
124-1	UG-261/U	59,62,71
130-1	UG-89/U	55,58
415-1	UG-89B/U	55,58
417-1	UG-261A/U	59,62,71
814-1	UG-89A/U	55,58
816-1	UG-261B/U	59,62,71
3420-1	UG-89C/U	55,58
3422-1	UG-261C/U	59,62,71

SINGLE HOLE MOUNT CABLE JACK

DAGE NO.	AN NO.	CABLE RG ( )/U
2225-1	UG-910/U	59,62,71
2230-1	UG-909/U	55,58
2461-1	UG-624/U	59,62,71
3441-1	UG-909A/U	55,58
3442-1	UG-910A/U	59,62,71

FLANGE MOUNT CABLE JACK

DAGE NO.	AN NO.	CABLE RG ( )/U
121-1	UG-262/U	59,62,71
122-1	UG-291/U	55,58
371-1	UG-262A/U	59,62,71
413-1	UG-291A/U	55,58
817-1	UG-291B/U	55,58
1-110-1	UG-262B/C	59,62,71
3423-1	UG-262C/U	59,62,71
3425-1	UG-291C/U	55,58

ADAPTER STRAIGHT SINGLE HOLE BULKHEAD FEEDTHRU (JACK-JACK)

DAGE NO.	AN NO.
547-1	UG-492/U
1-190-1	UG-492A/U
2201-1	UG-492B/U

ADAPTER STRAIGHT FLANGE MOUNT BULKHEAD FEEDTHRU (JACK-JACK)

DAGE NO.	AN NO.
551-1	UG-414/U
1-475-1	UG-414A/U

ADAPTER RIGHT ANGLE (JACK-PLUG)

DAGE NO.	AN NO.
135-1	UG-306/U
2200-1	UG-306A/U

PLUG RECEPTACLE RIGHT ANGLE SINGLE HOLE MOUNT

DAGE NO.	AN NO.
818-1	UG-535A/U
818-2	UG-1098/U
2556-1	UG-1174/U

JACK RECEPTACLE RIGHT ANGLE FLANGE MOUNT

DAGE NO.	AN NO.
240-1	UG-535/U

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ADAPTER TEE (2 JACK, 1 PLUG ENDS)

DAGE NO.	AN NO.
134-1	UG-274/U
1-040-1	UG-274A/U
3424-1	UG-274B/U

BINDING POST

DAGE NO.	AN NO.
501-1	UG-924/U

CAP AND CHAIN

DAGE NO.	AN NO.
366-1	CW-123A/U
399-1	CW-155A/U

BNC HIGH VOLTAGE SERIES

FLANGE MOUNT CABLE JACK

DAGE NO.	AN NO.	CABLE
2076-2	UG-961/U	59
3050-1	UG-961A/U	59

CABLE JACK

DAGE NO.	AN NO.	CABLE
2104-2	UG-1016/U	59
3064-1	UG-1016A/U	59

PLUG

DAGE NO.	AN NO.	CABLE
486-1	UG-932/U	59,62,71

FLANGE MOUNT JACK RECEPTACLE

DAGE NO.	AN NO.
365-1	UG-931/U

C SERIES

CABLE PLUG

DAGE NO.	AN NO.	CABLE RG ( )/U
288-1	UG-573A/U	8,9
1-121-1	UG-709A/U	58
1-200-1	UG-943A/U	10,12
1-262-1	UG-626A/U	5,6
3433-1	UG-573B/U	8,9
3434-1	UG-626B/U	5,6

CABLE JACK

DAGE NO.	AN NO.	CABLE RG ( )/U
310-1	UG-572/U	8,9
1-604-1	UG-633/U	5,6
3432-1	UG-572A/U	8,9
3439-1	UG-633A/U	5,6

SINGLE HOLE MOUNT CABLE JACK

DAGE NO.	AN NO.	CABLE RG ( )/U
308-1	UG-570/U	8,9
585-1	UG-939/U	8,9
1-605-1	UG-704/U	55,58
3430-1	UG-570A/U	8,9

FLANGE MOUNT CABLE JACK

DAGE NO.	AN NO.	CABLE RG ( )/U
804-1	UG-629/U	5,6
3431-1	UG-571A/U	8,9

SINGLE HOLE MOUNT JACK RECEPTACLE

DAGE NO.	AN NO.
2377-1	UG-634/U
3429-1	UG-569A/U

SINGLE HOLE MOUNT JACK RECEPTACLE

DAGE NO.	AN NO.
2851-1	UG-706/U

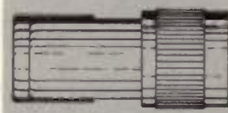
FLANGE MOUNT JACK RECEPTACLE

DAGE NO.	AN NO.
306-1	UG-568/U

ADAPTER TEE (2 JACK, 1 PLUG ENDS)

DAGE NO.	AN NO.
2420-1	UG-566A/U

N SERIES



PLUG

DAGE NO.	AN NO.	CABLE RG ( )/U
037-1	UG-21B/U	8,9
131-1	UG-18B/U	5,6,21
400-1	UG-21C/U	8,9
1-111-1	UG-21D/U	8,9
1-243-1	UG-18A/U	5,6,21
1-244-1	UG-21A/U	8,9
1-624-1	UG-18C/U	5,6,21
2799-1	UG-204C/U	14

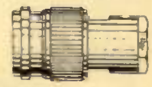
JACK

DAGE NO.	AN NO.	CABLE RG ( )/U
062-1	UG-23B/U	8,9
140-1	UG-20B/U	5,6,21
1-242-1	UG-20A/U	5,6,21
1-246-1	UG-23A/U	8,9
1-247-1	UG-23D/U	8,9
1-490-1	UG-23C/U	8,9
1-527-1	UG-20C/U	5,6,21

FLANGE MOUNT CABLE JACK

DAGE NO.	AN NO.	CABLE RG ( )/U
047-1	UG-22B/U	8,9
132-1	UG-19B/U	5,6,21
345-1	UG-1052/U	58
1-258-1	UG-22D/U	8,9
1-480-1	UG-22C/U	8,9
1-526-1	UG-19C/U	5,6,21
2328-1	UG-1187/U	8,9
3195-1	UG-1187A/U	8,9
3456-1	UG-1095A/U	55,58
3457-1	UG-1095B/U	55,58

TNC SERIES



CABLE PLUG

DAGE NO	CABLE RG ( )/U
8000-1	55,58
8004-1	59,62,71

CABLE JACK

DAGE NO	CABLE RG ( )/U
8005-1	55,58
8006-1	59,62,71

SINGLE HOLE MOUNT CABLE JACK

DAGE NO	CABLE RG ( )/U
8009-1	55,58
8010-1	59,62,71

FLANGE MOUNT CABLE JACK

DAGE NO	CABLE RG ( )/U
8007-1	55,58
8008-1	59,62,71

SINGLE HOLE MOUNT JACK RECEPTACLE

DAGE NO.	DATA
8001-1	
8012-1	Herm. Seal

FLANGE MOUNT JACK RECEPTACLE

DAGE NO.	DATA
8011-1	

RIGHT ANGLE SINGLE HOLE MOUNT JACK RECEPTACLE

DAGE NO.	DATA
8016-1	Solder pot

RIGHT ANGLE FLANGE MOUNT JACK RECEPTACLE

DAGE NO.	DATA
8015-1	Solder pot

Objective quality control, executed by an independent consulting firm, applies to all stages of production and insures unusually high product reliability.

SINGLE HOLE MOUNT CABLE JACK

DAGE NO.	AN NO.	CABLE RG ( )/U
2146-1	UG-160C/U	8,9
2413-1	UG-936A/U	10,12
3039-1	UG-160B/U	8,9

RIGHT ANGLE FLANGE MOUNT JACK RECEPTACLE

DAGE NO	AN NO.
2466-1	UG-997A/U

FLANGE MOUNT JACK RECEPTACLE

DAGE NO	AN NO.
019-1	UG-58A/U

ADAPTER, STRAIGHT (Single Hole Bulkhead Feedthru) JACK-JACK

DAGE NO	AN NO.
3032-1	UG-30D/U

ADAPTER, RIGHT ANGLE JACK TO PLUG

DAGE NO	AN NO.
133-1	UG-27B/U
1-034-1	UG-27C/U

ADAPTER TEE (2 JACK, 1 PLUG ENDS)

DAGE NO	AN NO.
674-1	UG-107B/U

RIGHT ANGLE CABLE PLUG

DAGE NO.	CABLE RG ( )/U
8018-1	59,62
8023-1	58

RIGHT ANGLE CABLE PLUG

DAGE NO.	CABLE RG ( )/U
8019-1	58
8020-1	59

RIGHT ANGLE CABLE JACK

DAGE NO.	CABLE RG ( )/U
8024-1	142

RIGHT ANGLE CABLE JACK

DAGE NO.	CABLE RG ( )/U
8025-1	55,58
8026-1	59,62,71

STRAIGHT ADAPTER (JACK TO JACK)

DAGE NO.	DATA
8013-1	Mates plug to plug

ADAPTER STRAIGHT (Single Hole Bulkhead Feedthru) JACK-JACK

DAGE NO.	DATA
8003-1	Herm. seal

DAGE ELECTRIC COMPANY • Beech Grove, Indiana

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CABLE CONNECTORS

TNC SERIES
(Continued)

ADAPTER RIGHT ANGLE (JACK TO PLUG)

DAGE NO.	DATA
8014-1	

ADAPTER TEE (2 JACKS, 1 PLUG ENDS)

DAGE NO.	DATA
8002-1	

ADAPTERS BETWEEN SERIES

DAGE NO.	AN NO.	MATES
1-108-1	UG-335/U	BNC Jack to N Plug
1-210-1	UG-394A/U	BNC Jack to N Plug
899-1	UG-201A/U	BNC Plug to N Jack
470-1	UG-273/U	BNC Plug to UHF Jack
502-1	UG-255/U	BNC Jack to UHF Plug
2060-1	UG-636A/U	BNC Plug to C Jack
700-1	UG-690/U	BNC Plug to SM Jack
707-1	UG-691/U	BNC Plug to SM Plug
872-1	UG-309/U	BNC Plug to HN Jack
838-1		BNC Jack to HN Plug
2480-1	UG-703A/U	C Jack to HN Plug
3033-1	UG-564/U	C Plug to N Jack
2866-1	UG-83B/U	N Plug to UHF Jack
1-217-1	UG-318/U	N Jack to UHF Jack
1-422-1	UG-146/U	N Jack to UHF Plug
839-1		N Plug to HN Plug
3269-1		N Plug to TNC Plug
8027-1		N Jack to TNC Plug
8028		N Jack to TNC Jack

TRIAXIAL SERIES
GROUP A

CABLE PLUG

DAGE NO.	TRIAXIAL CABLE
3875-1	RG-8/U
3880-1	RG-59/U
3881-1	RG-11/U
3943-1	RG-12A/U
3981-1	RG-10A/U

CABLE JACK

DAGE NO.	TRIAXIAL CABLE
3874-1	RG-8/U
3902-1	RG-59/U
3906-1	RG-11/U

SINGLE HOLE MOUNT JACK RECEPTACLE

DAGE NO.	ENGR. DATA
3882-1	Herm. Seal
3946-1	Not Pressurized

FLANGE MOUNT JACK RECEPTACLE

DAGE NO.	ENGR. DATA
3907-1	Not Pressurized

ADAPTER, STRAIGHT SINGLE HOLE MOUNT BULKHEAD FEED THRU

DAGE NO.	ENGR. DATA
3908-1	Not Pressurized

SINGLE HOLE MOUNT CABLE JACK

DAGE NO.	TRIAXIAL CABLE
3945-1	RG-8/U

ADAPTER, STRAIGHT JACK TO JACK

DAGE NO.	ENGR. DATA
3947-1	Not Pressurized

TRIAXIAL SERIES
GROUP B and C

CABLE PLUG

DAGE NO.	TRIAXIAL CABLE	ENGR. DATA
2675-1	.205 inch	Polarized
2743-1	.205 inch	Standard
3763-1	RG-58A/U	Polarized

CABLE JACK

DAGE NO.	TRIAXIAL CABLE	ENGR. DATA
2741-1	.205 inch	Standard
2742-1	.205 inch	Polarized
3911-1	RG-58A/U	Polarized

SINGLE HOLE MOUNT CABLE JACK

DAGE NO.	TRIAXIAL CABLE	ENGR. DATA
3107-1	.205 inch	Standard
3197-1	.205 inch	Polarized

FLANGE MOUNT JACK RECEPTACLE

DAGE NO.	ENGR. DATA
2676-1	Standard
3909-1	Polarized

CABLE JACK

DAGE NO.	TRIAXIAL CABLE OUTER JACKET	TRIAXIAL CABLE INNER JACKET
3695-1	.205	.150
3697-1	.109	.069
3913-1	.104	.070
3915-1	.114	.079
3917-1	.170	.133
3919-1	.166	.125

SINGLE HOLE MOUNT JACK RECEPTACLE

DAGE NO.	ENGR. DATA
5923-1	Herm. Seal

ADAPTER, STRAIGHT, SINGLE HOLE MOUNT BULKHEAD FEED THRU

DAGE NO.	ENGR. DATA
5924-1	Herm. Seal

CUB SERIES

CABLE PLUG

DAGE NO.	IMPEDANCE	CABLE RG ( )/U
10013-1	50	188
10013-2	50	196

DM SERIES

CABLE PLUG

DAGE NO.	POLARITY	DAGE JACKET DIA. MAX.	MIN.
1-300-1	A	.135	.115
1-317-1	B	.135	.115
1-818-1	E	.135	.115
1-940-1	J	.135	.115
1-941-1	L	.135	.115
5149-1	F	.135	.115
5152-1	M	.135	.115
5312-1	K	.135	.115

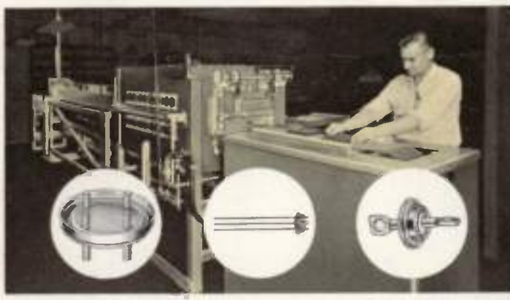
SOLDER MOUNTED JACK RECEPTACLE

DAGE NO.	POLARITY	HERM SEAL
1-771-1	B	Yes
1-772-1	F	Yes
1-774-1	A	Yes
1-778-1	E	Yes
1-954-1	J	Yes
1-955-1	L	Yes
5061-1	K	Yes
5062-1	M	Yes

JACK BULK HEAD FEED THRU'S

DAGE NO.	POLARITY	HERM SEAL
1-699-1	E	Yes
1-957-1	K	Yes
5059-1	L	Yes
5060-1	M	Yes
5208-1	F	Yes
5209-1	J	Yes
5210-1	A	Yes
5211-1	B	Yes

Dage catalogs are considered industry standards for clarity and organization. They include nomenclature, specifications, assembly instructions, and Mil-numbers where applicable.



Dage also manufactures a complete line of precision hermetic seals, including compression and kovar single pin seals and multi-pin headers. Note the belt-fed, controlled atmosphere furnace for volume production.

SINGLE HOLE MOUNT JACK RECEPTACLE

DAGE NO.	ENGR. DATA
2677-1	Polarized

ADAPTER, STRAIGHT SINGLE HOLE MOUNT BULKHEAD FEED THRU

DAGE NO.	ENGR. DATA
3092-1	Standard
3910-1	Polarized

TRIAXIAL SERIES
GROUP D

CABLE PLUG

DAGE NO.	TRIAXIAL CABLE OUTER JACKET	TRIAXIAL CABLE INNER JACKET
3694-1	.205	.150
3696-1	.109	.069
3912-1	.104	.070
3914-1	.114	.079
3916-1	.170	.133
3918-1	.166	.125

CABLE JACK

DAGE NO.	IMPEDANCE	CABLE RG ( )/U
10012-1	50	188
10012-2	50	196

SINGLE HOLE MOUNT CABLE JACK

DAGE NO.	IMPEDANCE	CABLE RG ( )/U
10015-1	50	188
10015-3	50	196

SINGLE HOLE MOUNT JACK RECEPTACLE

DAGE NO.	IMPEDANCE
10017-1	50

ADAPTER STRAIGHT (Single Hole Bulkhead Feedthru) JACK-JACK

DAGE NO.	IMPEDANCE
10014-1	50

ADAPTER RIGHT ANGLE (JACK TO PLUG)

DAGE NO.	IMPEDANCE
10016-1	50

ADAPTER TEE (2 JACK, 1 PLUG ENDS)

DAGE NO.	IMPEDANCE
10035-1	50

CABLE JACK

DAGE NO.	POLARITY	OUTER JACKET DIA. MAX.	MIN.
1-350-1	A	.135	.115
1-352-1	B	.135	.115
5165-1	E	.135	.115
5166-1	F	.135	.115
5167-1	J	.135	.115
5168-1	K	.135	.115
5169-1	L	.135	.115
5170-1	M	.135	.115

SPAR FITTING CABLE JACK HERM. SEAL

DAGE NO.	POLARITY	MAX.	MIN.
1-823-1	A	.135	.115
1-824-1	B	.135	.115

RIGHT ANGLE CABLE PLUG

DAGE NO.	POLARITY	MAX.	MIN.
1-908-1	B	.135	.115
5386-1	F	.135	.115
5387-1	K	.135	.115
5447-1	A	.135	.115

SINGLE HOLE MOUNT JACK RECEPTACLE

DAGE NO.	POLARITY	MT. DIM. Hole DIM.	Panel TH'K.
1-310-1	B	1	½
1-311-1	A	1	½
1-707-1	E	2	½
1-875-1	F	1	½
1-945-1	J	1	½
1-946-1	K	1	½
5231-1	L	1	½
5232-1	M	1	½

RIGHT ANGLE ADAPTER

DAGE NO.	POLARITY
1-351-1	B
1-354-1	A
1-872-1	E
1-873-1	F
1-963-1	J
1-964-1	K
5233-1	L
5234-1	M

*Other Cable Fittings Available.

Be sure to inquire about the new Isolated Ground, Crimp-on and Miniature UG Series now in production at Dage.

Contact your nearest Dage representative or . . .
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DAGE ELECTRIC CO., INC.
67 North Second Street
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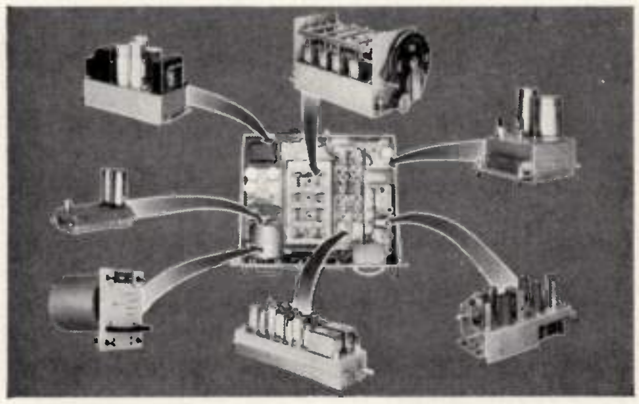
For more than a quarter century, Hallicrafters has worked in close partnership with our armed forces on fast solutions to critical military electronics problems. Out of this priceless experience are emerging startling new ideas and hard-hitting, fast-moving techniques to keep our country one jump ahead in electronic warfare . . .

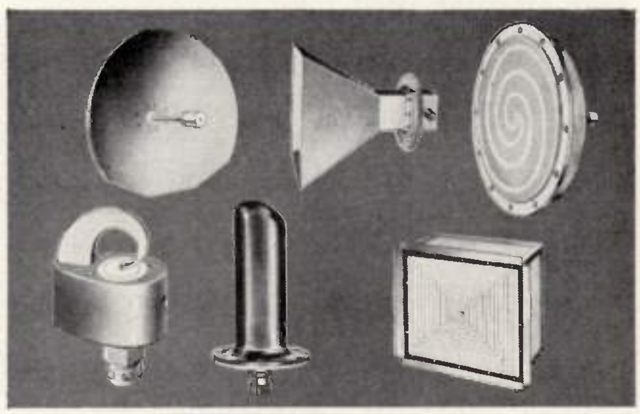
B-52 and other military aircraft will be protected by the most potent Electronic Countermeasures equipments yet devised. These equipments were developed in close teamwork with the Air Force under Hallicrafters' QRC (Quick Reaction Capability) program. Now qualified to meet full environmental specifications, they are in quantity production.

New levels of speed and efficiency are being reached in equipment modernization, retrofit and technical support programs with Hallicrafters' radical new "Blue Streak" project. Specially-trained Maintenance and Technical Support Teams, close-knit and flexible, can be tactically deployed to accomplish maintenance, installation and testing of electronics weapons systems anywhere in the world.



Hallicrafters communications leadership is exemplified by new high frequency Single Sideband receiver, (model no. SX-116). 100% modular design permits simple modification for compatability with existing and future communications systems. Stability, with proper available plug-ins, is better than one part in 10,000,000 per month. Hallicrafters also offers an existing capability in receiving and transmitting techniques up to frequencies of 50,000 megacycles.

Hallicrafters participation in the Atlas missile project helped to develop capability for many areas of the complex missile field, including code translator data systems; ground support equipment; ECM testing and antenna systems. Current explorations involve latest Infra Red techniques.



Airborne antennas and micro-wave components with power capability in excess of 1,000 watts, can be made available to solve tomorrow's very high power handling requirements. Testing of microwave components is possible with special high power generators, designed and built by Hallicrafters.

Looking for a challenging new opportunity? We are interested in qualified engineers at all levels. For full details in confidence, contact William F. Frankart, Director of Engineering.

For further information on Hallicrafters facilities and experience in military electronics research, development and production, please write to:

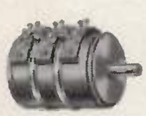
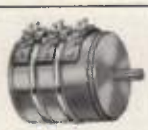
hallicrafters company

Military Electronics Division,
Chicago 24, Illinois

Whatever your specifications in single-turn, linear and non-linear units, the name Raytron guarantees high-precision, exact performance and environmental compliance... at minimum cost. Write for complete Raytron Catalog.

The specifications below are standard. Many deviations are available, and our engineering staff will evaluate and quote to your specifications.

RAYTRON PRECISION POTENTIOMETERS

	Raytron Model No.	Case Diameter (inches)	Case Length	Add Per Cup	Mechanical Rotation*	Electrical Rotation	Running Torque (oz. in.)	Maximum Resistance*	Power Rating at 40°C	Linearity (Standard)*
	Model 087	.875	.689	.480	360°	340°	0.2	20K	1	±0.5 %
	Model 106	1.060	.625	.562	360°	340°	0.3	50K	1.5	±0.5 %
	Model 143	1.438	.969	.610	360°	350°	0.4	110K	2.0	±0.35%
	Model 162	1.620	.932	.607	360°	350°	0.5	140K	2.5	±0.25%
	Model 175	1.750	.932	.610	360°	350°	0.5	153K	3.0	±0.20%
	Model 200	1.985	.932	.607	360°	350°	0.5	178K	4.0	±0.15%
	Model 300	2.985	.940	.607	360°	350°	0.5	285K	6.0	±0.10%

*Limit stops, higher resistance values, and tighter linearity tolerances available.

GENERAL SPECIFICATIONS

ELECTRICAL

Resistance tolerance: ±5%
Tap Location: ±1°
Noise: 100 ohms max @ 4 RPM per NAS 710 or MIL-R-12934B
Hi-Pot: Models 087 and 106 .... 750 volts
Models 143 and larger .... 1000 volts
Temperature Range: −65°C to +110°C

MECHANICAL

Lateral runout:	.001" per inch of radius
Pilot runout:	.001"
Shaft: End Play	.005"
Radial Play	.001"
Runout	.001"

ENVIRONMENTAL

Fully comply with applicable paragraphs of NAS 710, MIL-R-12934B, and MIL-E-5272A

RAYTRON

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101 NEW SOUTH ROAD • HICKSVILLE, L. I., NEW YORK

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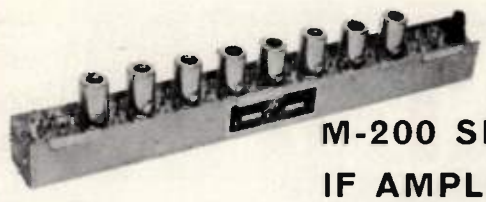
M-500 SERIES WIDEBAND AMPLIFIERS

Models 500, 500A, and 510 distributed amplifiers were developed to provide amplification over a very wide band with the capability of relatively high power outputs. These series use 6AN5's. The 500 and 500A employ one stage of 10 6AN5's, and the 510 two stages of 5 6AN5's.

The Model 530 has been designed to fill a need for a wideband amplifier for amplification of CW or pulsed signals.

	Model 510	Model 500A, 500	Model 530
Bandpass	200 kc to 220 mc	200 kc to 220 mc	10 kc to 300 mc
Power Gain	16 db (when loaded with 90 ohms)	12 db (when loaded with 90 ohms)	18 db (matched input and output)

Model 510	$325 ea.
Model 500A	$390 ea.
Model 500	$330 ea.
Model 530	$330 ea.



M-200 SERIES IF AMPLIFIERS

M-230, M-230A, and M-230LN. The input to each of these amplifiers is a bandpass triple-tuned transformer which feeds the grid of a cascode input. The cascode provides the specified low-noise figure. In the 230LN, the grid resistor is removed to improve the noise figure to 1.5 db at the cost of an unmatched VSWR. Subsequent stages are synchronously tuned. The 230A features a detector which can have its polarity reversed and also a cathode follower output. Both the 230 and the 230LN have an output impedance of 50 ohms, which is provided by a triple-tuned bandpass transformer.

M-235, M-235A. The video or rf output is similar to that of the M-230A except that the video bandwidth is 5 megacycles for the M-235A.

M-260. The input stage is a grounded-grid 6AU6, with a double-tuned input transformer to provide an excellent VSWR. The following stages are single-tuned, arranged in a stagger. The output stage is a 6AN5 operating into a triple-tuned transformer to the 50 ohm output. This provides over one watt of available output power.

	M-230*	M-230A	M-235	M-235A	M-260
Bandwidth	2 mc	2 mc	10 mc	10 mc	10 mc
Gain ≧	110 db	110 db	90 db	90 db	90 db
Noise Figure	6-7 db	6-7 db	9.5 db	9.5 db	10 db

*M-230LN Noise Figure 1.5 db

Price $180 ea.

P-205 SERIES PRE-AMPLIFIERS

The IFI P-205 Series Pre-Amplifier is designed to be fed from a crystal mixer with a 200 to 300 ohm balanced output. The P-205A is designed to be used with 200 ohm unbalanced mixers. Either the P-205 or the P-205A will provide a gain of 20 db in a bandwidth of 10 mcs. Both these units are designed to operate with either the Model 235 (10 mcs IF strip), or the Model 230 (2 mcs IF strip). It is also possible to use these units with other standard 50 ohm input IF amplifiers.

Band Width	10 mcs (1 db point)
Gain	20 db minimum
Noise Figure	2 db

Prices:

205A	$150
205	$150

300 SERIES AMPLIFIER

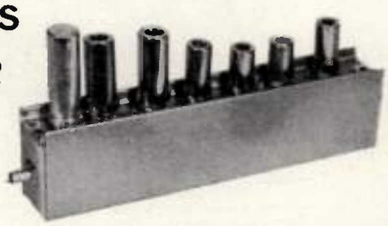
The 300 series includes models 393, 395A, and 398. Each of these combines two amplifiers of the 600 series and a power supply in either a portable case or a standard rack panel. These combinations are as follows:

Two 600's with power supply and cabinet or rack panel = Model 395A

Two 630's with power supply and cabinet or rack panel = Model 393

Two 680's with power supply and cabinet or rack panel = Model 398

600 SERIES AMPLIFIER

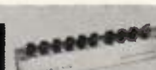


	M-600	M-630	M-680
Bandpass	200 ~ 50 mc	300 ~ 30 mc	300 ~ 80 mc
Risetime	10 millimicro-seconds	20 millimicro-seconds	6 millimicro-seconds
Gain	40 db	60 db	20 db

Models 600, 630, 680	$225 ea.
Models 393, 395A, 398	$595 ea.

T-330
Standardized, high-quality, transistorized IF Amplifier

SERIES M-400
Model 400A illustrated is a high power, broadband amplifier with a CW capability of 100 watts from 200 kc to 275 mc for Class A operation



LOG-LIN AMPLIFIER
With response time essentially zero, provides a linear output change with a logarithmic input change, adapting wide dynamic ranges of signals to practical levels for display and readout.

All IFI units incorporate many recent advances in circuit design. They meet stringent specifications at lower cost than you'll find elsewhere, and are available for immediate, off-the-shelf delivery. Write or call for detailed information.

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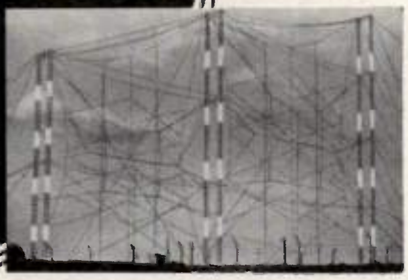
TOWERS and ANTENNA SYSTEMS



Each of these huge Broadband Curtain Antennas covers a bandwidth of ± 15% of center frequency with a VSWR of less than 1.5.

ANTENNA SYSTEMS

Transmitting and receiving antennas for VLF, LF, MF, HF, VHF and UHF services.

VLF and LF: FLAT-TOP, BEVERAGE, LONG WIRE, CONVENTIONAL VERTICAL RADIATOR, BROADBAND VERTICAL RADIATOR, T-ANTENNAS, L- ANTENNAS.

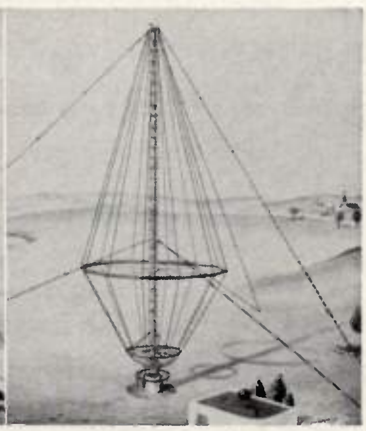
MF: VERTICAL RADIATORS.

HF: DIPOLE, FOLDED DIPOLE, DOUBLETS, DOUBLE DOUBLETS, RHOMBIC, TRYLON-LAPORT RHOMBIC, CORNER REFLECTOR, SLEEVE, LOG PERIODIC, BROADSIDE, VEE, SLOPING VEE, VERTICAL RADIATORS.

VHF: DIPOLE, DIPOLE ARRAYS, BROADSIDE, CORNER REFLECTOR, BEDSPRING, LOG PERIODIC, CIRCULARLY POLARIZED, RHOMBIC, TRYLON-LAPORT RHOMBIC.

UHF: CIRCULARLY POLARIZED, DIPOLE, LOG PERIODIC.

One of 43 relay stations in a 1100 mile microwave link. The 100 ft. Trylon 2400 H Tower supports two reflectors. Parabolic antennas are on the equipment building.



Trylon Broadband Vertical Radiators offer extremely constant input impedance without requiring matching equipment, have power handling capacity to 150 Kw or more and excellent radiation performance. For 2-6 mc., 4.5—13.5 or similar ranges.

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Structural and tubular steel, stainless steel, and aluminum, guy and self-supporting towers.

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Model antenna investigations, high voltage insulator tests and associated tower tests • ANTENNA AND TOWER RESEARCH AND DEVELOPMENT.

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- FINEST MATERIALS, WINDING SERVICES, ADVANCED TOOLING
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Also Round, Square, Rectangular tubing

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FILTORS, INC./RELAYS

SUBMINIATURE AND MICROMINIATURE HERMETICALLY SEALED RELAYS

SUBMINIATURE RELAY LINE

"H" SERIES: STANDARD 1-INCH

Filtor's standard subminiature relay. The unique, patented H-Series relay motor design established Filtors as the leader in the industry. This general purpose relay is available in 2, 4, and 6-pole, double-throw configurations, measures about an inch in diameter and 1¼ inches high. It conforms to military specifications.

"LL" SERIES: LATCHING RELAYS

The LL Series is Filtor's exclusive latching relay. A 10-millisecond pulse at nominal coil voltage sets the contacts in the normally open position until a reset signal is applied. Either coil or both coils may be energized continuously without damage. The relay is about an inch in diameter and 1⅜ inches high and is the lightest relay of its type obtainable.

"V" SERIES: THE VANGUARD

This is Filtor's rugged new subminiature relay that meets all the requirements of relay specification MIL-R-25018. The V-Series relay design in based on the principles proved by the popular H-Series relay and on results of an extensive study program. Contacts for low-power or 5-ampere switching are available.

MICROMINIATURE RELAY LINE

"A" SERIES: THE PILLBOX

The novel header arrangement of the Pillbox relay was designed so that the mounted relay would present a low, flat silhouette. This low profile makes the Pillbox especially applicable for use on printed circuits. The "Sensi-Tork" relay motor used in this relay is the rotary type —proved best for severe environments. The Pillbox relay is crystal-case size.

"J" SERIES

The "J" Series crystal-case relay has 0.2-inch terminal spacing and incorporates Filtor's famous "Sensi-Tork" rotary relay motor—the most efficient relay motor in the industry. Increased motor efficiency means greater contact pressure for a given power input; greater contact pressure means higher reliability—especially under severe environmental conditions. Dimensions: 0.8 by 0.4 by 0.875 inch high

"JV" SERIES OF SENSITIVE RELAYS

The "JV" Series relays require a mere 40 milliwatts to energize (the single-pole version requires only 25 milliwatts) making it particularly useful in transistor circuits. The sensitivity of this new relay was achieved by increasing motor efficiency and motor coil size and not by reducing contact pressure or contact spacing which would have adversly affected relay performance under shock and vibration. The relay housing is 0.405 inch higher than the "J"-Series housing.

"P" SERIES

This is Filtor's standard crystal-case relay. It meets the requirements of MIL-R-25018 in all respects. The P-Series relay is available in the single or double-pole, double-throw configurations; header terminals are in the "S" configuration. The powerful rotary relay motor and balanced armature assure reliable operation. Dimensions: 0.8 by 0.4 by 0.9 inch high.

"G" SERIES: THE GOLDEN G

This is Filtors' fabulous Golden G microminiature relay—truly a premium quality relay. The Golden G meets specifications far exceeding any in current use by any government agency. Each relay is tested at Filtors' Reliability Test Center to the severest and most exacting environmental criteria in the industry. An individual test history is supplied to document all test claims. The Golden G is the finest relay that it is possible to make today.

NEW DEVELOPEMENTS—

THE MICROLATCH RELAY SERIES

The Microlatch Relays are a series of microminiature latching relays—a pulse at nominal coil voltage will switch contacts; permanent magnets hold the relay armature in either switch position with a force capable of withstanding all MIL-spec environments. The type "PL" Microlatch Relay, now available, has the same housings as "P" Series Relays; type "JL," is in the style of "J" Series Relays.

THE "AV" RELAY SERIES

The "AV" Relay Series uses the 40-milliwatt Sensi-Tork Motor used in the "JV" Series Relay and the Pillbox Relay mounting style. It is a sensitive relay made for use under severe operating conditions. It measures 1.415 by 0.840 inches and is 0.500 inch high.

THE BETAMITE RELAY SERIES

The Betamite Relay Series combines the best of relay technology and solid-state art to produce a new series of electronic circuit modules. The possible combinations and applications of these modules are infinite; for example: The Nanowatter, a relay that can be made as sensitive as desired (500 nanowatts is typical). The Voltswitch, a relay that operates in a voltage differential as low as 0.1 volt; and the Microwatter, a "J" Series Relay with an integral transistor preamplifier. (It is energized by a 100-microwatt siginal.)

ADDITIONAL FEATURES
All Filtors' relays can be supplied with a-c relay motors and integral arc-inhibiting circuits.

For additional information contact your local Filtors' sales representative or write:

FILTORS, INC./RELAYS

Specialists in the design and manufacture of subminiature and microminiature relays.
30 SAGAMORE HILL DRIVE/PORT WASHINGTON/NEW YORK/PORT WASH 7-8220

TRANSISTORIZED TUNING FORK

FREQUENCY STANDARDS

HIGH PRECISION FREQUENCY STANDARDS

TYPE MAFC
Frequency Standard
Size: $1\frac{5}{8}$" x $1\frac{5}{8}$" x $2\frac{1}{4}$"

Frequency Range Available: 360 cps to 4 kc
Tolerances %±: 0.2, 0.05, 0.02, 0.01, 0.005, 0.001
Temperature Ranges: +15 to +35°C
−20 to +71°C
−55 to +100°C
−55 to +125°C
Power Supply Voltage: 12 or 28 vdc ±15%
Weight: 8 oz.

MINIATURE AIRBORNE FREQUENCY STANDARDS

Frequency Range Available: 360 cps to 4 kc
Tolerances %±: 0.2, 0.05, 0.02, 0.01, 0.005, 0.001
Temperature Ranges: +15 to +35°C
−20 to +71°C
−55 to +100°C
Power Supply Voltage: 12 or 28 vdc ±15%
Weight: 2 oz.

TYPE SM
Frequency Standard
Size 1" x 1" x $1\frac{1}{2}$"

FREQUENCY STANDARD-DIVIDER COMBINATIONS

TYPE MAFCD
Frequency Standard
Size: $4\frac{1}{16}$" x $4\frac{1}{16}$" x $4\frac{1}{16}$"

Frequency: 60 cps
Tolerances %±: 0.2, 0.05, 0.02, 0.01, 0.005
Temperature Range: −55 to +71°C
Wave Shape: Sine w/less than 1% harmonic distortion
Power Supply Voltage: 1 to 14 vdc
Weight: 4 lbs.

FREQUENCY DIVIDERS

Division Ratios Available: 2:1, 3:1, 4:1, 5:1, 6:1, 8:1, 9:1, 10:1, 12:1, 16:1
Temperature Ranges: −20 to +71°C
−55 to +100°C
Power Supply Voltage: 12 or 28 vdc ±15%
Weight: 6 oz.
(Designed to operate directly from Type MAFC or Type SM Frequency Standards)

TYPE MFB
Frequency Divider
Size: $1\frac{5}{8}$" x $1\frac{5}{8}$" x $2\frac{1}{4}$"

FREQUENCY CHANGERS

TYPE FRS
AC Power Supplies
(Frequency Changers)

Frequencies from 50 cps to 2000 cps
Power Levels from 30 va to 1000 va
Frequency Tolerances up to 5 parts in 10^7/ month
AC and DC input models available
Supplied with single or 3-phase outputs
Many special features to choose from.

AIRBORNE INVERTERS

Output Power 30 va
Output Frequency 400 cps
Frequency Tolerances up to 0.005% *
Output Voltage 115 volts
Input Voltage 12 vdc or 24 vdc
Temperature Range −55°C to +71°C
Efficiency 85%
Other models available with power Levels up to 2 kva

TYPE APS-12
Inverter
Size: $3\frac{3}{4}$" x $3\frac{1}{16}$" x $3\frac{5}{8}$"

HIGH POWER INVERTERS

TYPE APS-9
Inverter
Size: $5\frac{1}{2}$" x $6\frac{1}{2}$" x $15\frac{1}{2}$"

Output Power 200 va
Output Frequency 60 cps
Frequency Tolerances up to 5 parts in 10^7/ month
Output Voltage 115 volts
Input Voltage 12 vdc or 24 vdc
Temperature Range −55°C to +55°C
Efficiency 85%
Other models available with power levels up to 2 kva

A wide variety of units are designed to comply with the most severe military specifications

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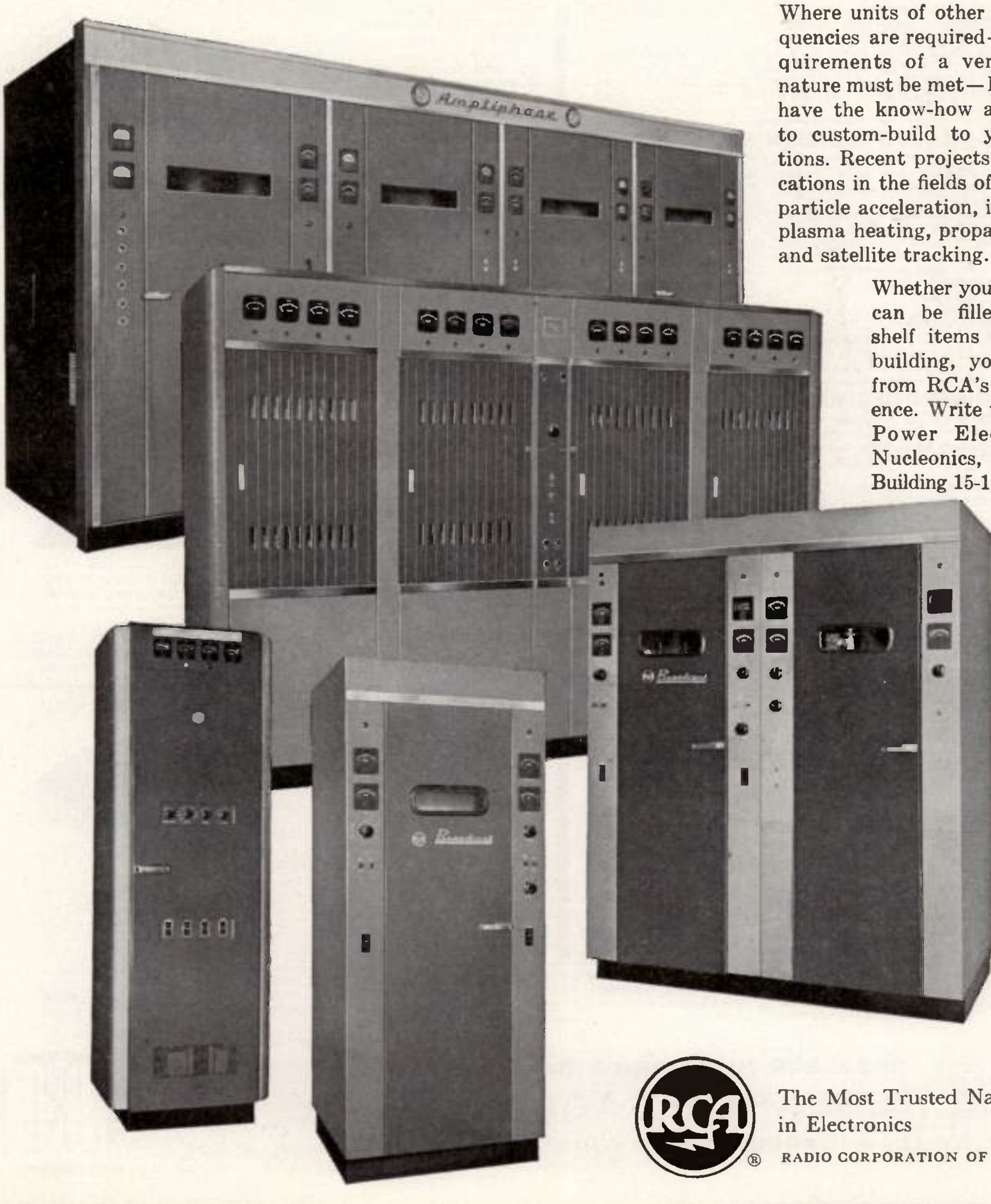
Fabricators-Distributors of Phelps Dodge Coaxial Cable.

See Page 165

Need High Power RF Units in a Hurry?

Perhaps RCA can supply your needs from stock items available for immediate delivery



RCA carries in stock many different types of radio transmitters. Although designed primarily for broadcasting, television and communications use, these equipments can be easily adapted for any purpose requiring radio-frequency power. Manufactured in quantity they are reasonable in price. Shipment is immediate!

Units in stock cover the frequency range from 500 kilocycles to 1000 megacycles—provide power outputs from one watt to 50,000 watts. Larger powers (up to 500,000 watts) can be obtained by paralleling units. Pulsing or modulation can be provided as needed.

Where units of other powers or frequencies are required—or where requirements of a very specialized nature must be met—RCA engineers have the know-how and experience to custom-build to your specifications. Recent projects include applications in the fields of fusion power, particle acceleration, ion propulsion, plasma heating, propagation studies and satellite tracking.

Whether your requirements can be filled by off-the-shelf items or by custom building, you can benefit from RCA's broad experience. Write to RCA, High Power Electronics and Nucleonics, Dept. XY-46, Building 15-1, Camden, N.J.

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RADIO CORPORATION OF AMERICA

PRECISION/STABLE RESISTORS & NETWORKS *in Production Quantities*

Primary and Secondary Standard Resistors and Ratios Ultra-Stable Precision Networks and Resistance Sets for Computers • Data Processors • Automation

PRIMARY STANDARD RESISTORS AND RATIOS*

STYLE NB-1. Individual resistors and ratio sets, immersed in oil in a hermetically-sealed case, offering absolute accuracy and stability never before attained in commercial production.

APPLICATIONS: Laboratory resistance or ratio standard, computer reference dividers or summing networks, bridge and transducer calibration, current metering, bridge ratio arm.

0.0015% ABSOLUTE
0.0005% RATIO

SPECIFICATIONS: Absolute accuracy and stability per year: resistors, 0.0015%; ratios, 0.0005%. Range: resistors from 0.1 ohm to 10 megohms; ratios up to 10^6 to 1 (up to 3 resistors in single case). Standard temperature coefficient: 5 ppm/°C. on resistance, 2.5ppm/°C on ratios; available as low as 2.5 and 0.7 ppm/°C, respectively. Self-heating: 10 ppm/watt; total thermal transient effect, less than 0.0005%.

COMPACT OIL-FILLED PRECISION RESISTORS*

STYLE CH-1. Oil-filled resistors have laboratory standard accuracy, stability and wide range; are small, inexpensive, rugged enough for extensive use.

APPLICATIONS: As components and networks for commercial or military computer use; elements for AC and DC precision bridges, operational-amplifier summing and analog computer parameters; gyro torque-current metering; laboratory secondary standards of resistance and AC or DC ratio.

0.0025% ABSOLUTE
0.0025% STABILITY/YR

SPECIFICATIONS: Standard accuracy of resistors: 0.005% and of ratios: 0.0025%; accuracies from 0.0025% to 0.1% available on special order. Range: 0.1 ohm to 2 megohms; ratios to 10^6 to 1. Temperature coefficient as low as 2.5 ppm/°C. absolute, ratios 0.7 ppm/°C.

BINARY AND BINARY DECIMAL RESISTANCE SETS

Ultra-accuracy and stability provide either 17-bit binary five-significant-figure decimal or 14-bit binary accuracy by simple switching of independent, oil-immersed, ultra-precision resistors.

APPLICATIONS: Laboratory resistance standard; missile checkout systems; digital-analog conversion; ratio synthesis; bridge and divider calibration.

0.0015%

SPECIFICATIONS: Binary (BMR-105): synthesizes any value from 0 to 131,071 ohms in one-ohm steps, max. error ranging from 0 to 1.7 ohms; accuracy 0.0015%, stability 0.0015%, temperature coefficient 5 ppm/°C, self-heating coefficient 0.0003%/watt, thermal transient effects 0.0005%, rated 2 ma. Binary-Decimal (BDR-105): same, except 0 to 100,000 ohms (21 resistors coded 1, 2, 2, 4). Twin-Binary (BMR-104S): twin dividers closely matched, 14-bit accuracy. Other codes and ranges available.

PRIMARY STANDARD DECADE RESISTANCE SETS

Twelve Primary-Standard style NB-1 resistors, oil-immersed in hermetically-sealed metal housing for maximum shielding and minimum thermal effects. Eleventh and twelfth resistors permit using sets as decades in Kelvin-Varley circuits and enable self-checking by Wenner method. Absolute values are the same as for individual NB-1 series.

APPLICATIONS: Resistance standard over 144 to 1 range (12 in shunt to 12 in series) to 0.0015% accuracy; ratio standard over 36 to 1 range; Wheatstone Bridge decades; Kelvin-Varley stages; bridge and divider calibration; digital-analog conversion; divider or summing network for computer use.

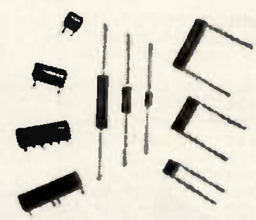
0.0015%

SPECIFICATIONS: Available with 1 K (DMR-104), 10 K (DMR-105) or 100 K (DMR-106) steps. Stability 0.0005%. Temperature coefficient 5 ppm/°C, drift 0.003%/watt; total thermal transient effect 0.0005%.

ENCAPSULATED PRECISION RESISTORS*

STYLES L, R, H. Using NB-1 resistor manufacturing techniques, retain unusual accuracy and stability in small encapsulated units at low cost. Single or group encapsulated, offer high precision, unusual reliability, freedom from shock, vibration and environmental effects. Suitable for critical military equipment.

APPLICATIONS: Analog summing; scaling; digital-analog conversion; reference or ratio standards; calibration.



TO 0.005% ABSOLUTE
0.002% RELATIVE

SPECIFICATIONS: Available from 0.005% to 0.05% absolute, 0.002% relative accuracy and stability. Range: from fractions to megohms, standard and special. TC as low as 2.5 ppm/°C. absolute, or matched to arbitrary value. Radial lug terminals, radial or axial wire leads. Special low-reactance units available for extended frequency applications.

MILITARY-ENVIRONMENT RESISTOR NETWORKS

TYPE MTR. High-precision resistance networks for dc, carrier-frequency, and pulse operation over military temperature ranges.

APPLICATIONS: Missile guidance and control systems, critical airborne circuitry, reference and calibration sources, telemetry, field unit standardization and regulation, monitoring of inaccessible or unattended operations.

TO 0.005% —55° TO 85°C.

SPECIFICATIONS: To 0.0015% over limited temperature range. Tracking to 0.005% from —55°C to 85°C. Temperature coefficient to 3 ppm/°C absolute, 2.5 ppm/°C relative; matched coefficients, special trimming to non-standard ambient temperatures and power levels available. Low and/or matched phase shift: matching to 1/20 milliradian at 1 megohm impedance levels at 400 CPS. Very low reactance. Resistance range: from fractional values up to 10 megohms.

OPERATIONAL-AMPLIFIER SUMMING NETWORKS

Precise, high-stability input and/or feedback networks, utilizing the same accurate resistance elements described above, packaged for use with ultra-stable operational amplifiers.

APPLICATIONS: Analog summing networks; bridge ratio arms; fixed resistance standards; ac or dc ratio; H. F. standards; calibration standards.

TO 0.001% TOTAL SUMMING ERROR

SPECIFICATIONS: Accuracy to 0.0015% over limited temperature range. Tracking to 0.005% from —55°C to 85°C. Low and/or matched phase shift; matching to 1/20 milliradian at 1 megohm impedance levels at 400 CPS. Very low reactance.

DIGITAL-ANALOG CONVERTER NETWORKS

TYPE DAC. Ultra-stable, precision units, utilizing the same accurate resistance elements as the Military Environment and Operational Amplifier networks above, coded and packaged for computer use.

APPLICATIONS: Digital-analog, analog-digital conversion; binary and binary-coded-decimal matrices; high-speed, ladder-type and relay-switched converters.

SPECIFICATIONS: Accuracy to 0.0015% at constant temperature or 0.005% from —55°C to 85°C. Range: 0 to 10 megohms. TC as low as 2.5 ppm/°C relative. Drift to 10 ppm/watt. 2 to 36 resistors per can. Any desired code or combination can be furnished, within specified limits.

TO 0.0015%
—55 to 85°C.

EXCLUSIVE RESISTOR DESIGN: JRL precision resistors, resistance sets and special networks owe their unusual performance to exclusive manufacturing techniques used for style NB-1 resistors. Results show: higher-than-standard accuracies, greater stability, lower temperature effects and low reactance at remarkably economical production levels. For many computers, JRL high performance networks permit significant economy in, and simplification of, entire circuits.

*Pat. applied for

RESISTOR NETWORKS, INC., an affiliate of

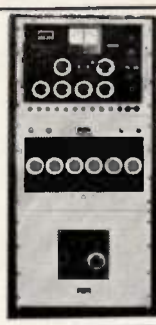
JULIE RESEARCH LABORATORIES, INC.

603 WEST 130th STREET, NEW YORK 27, N. Y., AUdubon 6-9200

JRL **PRECISION / STABLE INSTRUMENTS** *from stock*

Primary and Secondary Standard Instrumentation of Resistance, Ratio, Voltage and Current for Measurement • Reference • Calibration • Conversion

PRIMARY DC LABORATORY FACILITY



MODEL PVC-504. A unique system which measures or supplies absolute voltage or current at an order of magnitude better than conventional equipment.

Includes a Voltage Reference (SCO-106) and Voltage Divider (VDR-106) also usable separately—see below—making entire system highly flexible.

APPLICATIONS: Primary voltage and current measurement; primary voltage and current standard; calibration of computers, precision instruments, power supplies, gyros, transducers, accelerometers.

SPECIFICATIONS: Accuracy: 0.0015% for voltage, 0.003% for current. Ranges: 1 and 4 volts (extendable to 1,000 volts by external ratio box); 1, 4, 10 and 40 milliamperes.

PRIMARY STANDARD VOLTAGE DIVIDERS

DC and AC voltage dividers of uncommon accuracy and resolution are completely shielded, six decade Kelvin-Varley circuits fully-switched (no potentiometer interpolation) to eliminate wear on accuracy-determining components. Adjustment of output voltage permitted to any fraction of input voltage from 0.000000 to 1.000000. Five decade, inexpensive, secondary-standard model also available.

APPLICATIONS: Primary measurement of voltage, resistance, current; measurement of absolute values in conjunction with voltage and/or resistance standard; calibration of laboratory instruments, networks, components.

VDR—106 0.0001%

SPECIFICATIONS: Accuracy: VDR-106, 0.0001% of full scale; VDR-106A, 0.0002% of full scale (0-30 KC). Resolution: 0.0001% of full scale. Overall resistance: VDR-106, 100K ±0.01%; VDR-106A, 10K ±0.01%. VDR-105: accuracy, resolution and long-term stability rated at 0.001% over ambient temperature range.

VDR—106A 0.0002% 0-4 KC 0.0005% 4-10KC

VDR—105 0.001%

PRIMARY STD. ABSOLUTE VOLTAGE REFERENCE

MODEL SCO-106. A portable, primary voltage standard consisting of three saturated standard cells in a temperature-stabilized housing with a thermal resistance bridge for measurement of enclosure temperature to 0.005%. Cell voltages measured to 0.1 ppm are certified to 1.0 ppm by Bureau of Standards. These cells are two orders of magnitude more accurate than the unsaturated cells usually used for laboratory standards.

APPLICATIONS: Calibration of instruments and equipment in laboratory and field.

SPECIFICATIONS: Accuracy: 0.0002% long-term. Stability: 0.0001% to 8 hours, 0.0005% long-term. Temp. regulation: 0.01% to 8 hours, 0.05% long-term. Heater uses 24-28 VDC (8 watts), permitting operation of oven during transportation, eliminates weeks of delay waiting for restabilization.

0.0002%

PRIMARY STANDARD RESISTANCE OVEN

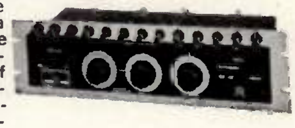
MODEL PRO-106. Six individual decade resistance standards enclosed and housed in case similar to SCO-106 above.

APPLICATIONS: Central facility for calibration of all secondary standards and non-temperature-regulated primary standards.

0.0008%

SPECIFICATIONS: Accuracy and stability: 0.0008% long-term. TC: 0.05 ppm/°C over ambient temperature range. Range: 100 ohms to 10 megohms.

VOLTAGE/RATIO/RESISTANCE REFERENCE SET



MODEL VRS-105/6. A reference source of unusual versatility consisting of a ratio and resistance set and a voltage reference set is usable alone or in combination to provide a broad range of test facilities at very high level of precision. Provides 17 standard ratios between 0.000000 and 0.999999 with accuracy to one part per million. Calibrates voltages of 5, 10, 50, 100, 500 volts to 0.001% accuracy.

RATIO: 0.0001%
RESISTANCE: 0.0015%
VOLTAGE: 0.001%

APPLICATIONS: Calibration and standardization of analog computers, resistance-ratios, transducers, bridge elements, dividers, precision potentiometers, digital meters, power supplies, laboratory instruments; measurement of voltage, resistance, current.

SPECIFICATIONS: Accuracy: Ratio, 0.001% of full scale resistance; Voltage, 0.001% absolute, 0.0005% relative. Stability: 0.0001% relative, 0.0005% absolute (per year).

PRECISION REGULATED VOLTAGE SUPPLY

MODEL PVS-105. A highly stable reference voltage source offers the stability and accuracy of a laboratory-type standard cell, but is capable of furnishing up to 100 ma, at voltage levels 50-100 times higher than that of a standard cell.

APPLICATIONS: Calibration of instruments, power supplies, transducers, accelerometers, gyros; precision power supply for design use; computer testing; secondary standard voltage reference.

0.005%

SPECIFICATIONS: Output model A, +50/0/—50V (or 100 V), fixed Model B, +36/0/—36V (or 72V), fixed, 0-100 ma. Accuracy: 0.005% absolute, 0.002% eight hours. Settable to within 0.002% against std. cell. Input: 115 V, 60 cps. Int. imp. less than 0.02 ohms. Ripple less than 1 mv. Thermal drift less than ±1 ppm/°C.

RELAY-OPERATED VOLTAGE DIVIDERS

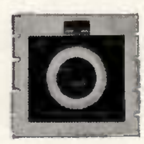
MODELS RVD-105 and RVDM-305. Standard unit (RVD-105) is most accurate form of high-speed digital-analog converter. Consists of a group of resistors whose values represent a particular coding (i.e. binary-decimal) and a control relay for each resistor. Relays may be programmed manually or automatically. Total divider is 100 K ohms with any code available on order. RVDM-305 is a smaller ruggedized version, suitable for use in military temperature range (—55 to 85°C.).

0.001%

APPLICATIONS: Analog-digital, digital-analog conversion; missile checkout systems; digital ratiometer or bridge; digital meter calibration; automatic high-speed testing of synchros, gyros, instruments and components; resistance or ratio standard.

SPECIFICATIONS: RVD-105: Accuracy and resolution: 0.001%. Total resistance: 100 K ±0.01%. Current rating: 2 ma. Divider response time: 10 milliseconds. Drift less than 0.0003%/watt. Total thermal transient effect: 0.0005%. RVDM-305 same, except accuracy and resolution 0.003%, divider response time less than 15 milliseconds.

SYNCHRO OR RESOLVER BRIDGES



MODELS PSB-5, -10, PRB-5, -10, MSB-5, -10, MRB-5, 10. Permit checking synchro-transmitters, differential transformers (PSB models), or four-wire induction resolvers (PRB models) for electrical error every 5 (or 10) degrees of angular rotation with high degree of accuracy. Fully switched (no potentiometers) with direct-reading dial. Used with uncalibrated null detector or a calibrated phase-sensitive detector.

APPLICATIONS: Testing of synchro elements; standardizing synchro production test equipment; precision AC (0-4KC) voltage divider.

0.002%

SPECIFICATIONS: Accuracy: 0.002% (4 seconds of arc) calibrated every 5°, or 10°, from 0° to 360°. Frequency range: 0-800 cycles (to 4 KC with reduced accuracy). Harmonic distortion: zero. Input voltage: 115 RMS max. Resistance of each arm: 10,000 ohms ±0.01%. Miniaturized models (MSB, MRB) have horizontal face dials, retain accuracy.

PRIMARY-STANDARD INSTRUMENTATION: Pioneered by JRL are the first practical production of a complete DC standards laboratory, affording measurement and generation of voltage, resistance and current between 0.0015% and 0.003% absolute accuracy, 0.0001% AC-DC voltage dividers, 0.0001% absolute voltage references, 0.0008% resistance ovens. To meet your special requirements, please contact JRL for quotations, giving specifications and describing intended applications.

JRL

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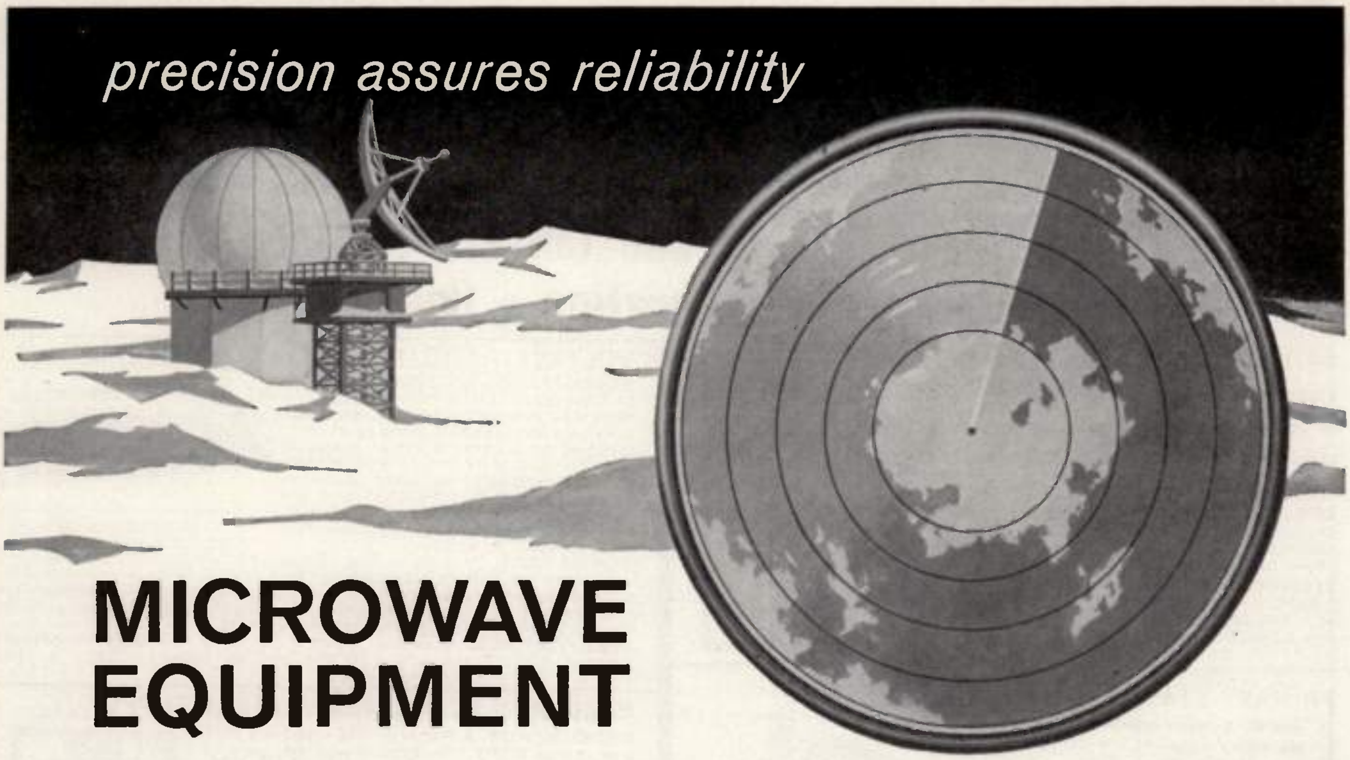
precision assures reliability



MICROWAVE EQUIPMENT

Reliable performance in all environments is assured with Kearfott precision microwave equipment and components. Available from the experienced Kearfott organization are: Complete systems design and development, engineering, high production capacity utilizing the newest in equipment and dip-brazing techniques, modern check-out and test facilities. A Kearfott Engineer can help you with the most exacting microwave design needs.

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VARIABLE PRECISION ATTENUATORS

MICROWAVE SUBSYSTEMS

VARIABLE DIRECTIONAL COUPLER

FERRITE ISOLATORS

FERRITE DUPLEXERS

RADAR SIMULATORS AND TEST EQUIPMENT

KEARFOTT DIVISION
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Little Falls, New Jersey

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SWITCH TO TECH LABS for Precision Electrical Resistance Instruments

TAP SWITCHES

TYPE 2A & 2M

Standard control switch with phenolic or Melamine insulation, 3-5 amp. rating.

TYPE 3A MINIATURE TAP SWITCH

Specifications

- Size: 1" diameter. 1¼" with terminals. 1 deck, 1 1/16" long, ½" for each additional deck.
- Weight: 1 deck, 30 grams. 10 grams for each additional deck.
- Rating: 1200 volts rms, 2000 VDC, 5 amps. (carrying) 115V.
- Insulating resistance: 100 megohms minimum at 500 volts DC.
- Life: 1.5–2 million revolutions.
- Contact resistance (standard): 6–10 milliohms. (silver): 3.5 milliohms.
- Temperature range: —65°C to 100°C.
- Mounting: single hole.

Meets MIL S-3786 and applicable paragraphs of MIL-E-5272C.

The following standard switches are representative of those produced by Tech Laboratories, all of which meet government specifications. Write or teletype for further information.

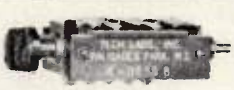
The Type 2A is the standard control switch for electronic instruments and high quality equipment. It is made in a number of combinations with as many as four poles per deck and 24 positions. Insulation is phenolic. The Type 2M is identical except for Melamine insulation. In the table, Code No. "S" stands for "shorting" and "N" for "non-shorting".

TYPE	CODE	DIA.	RATING	NO. POS.	NO. DECKS	POLD.	PRICE
2A	A1S24	1¾"	3A	24	1	1	$4.50
2A	A4S5	1¾"	3A	4	1	4	$6.00
2A	A1N10-2	1¾"	3A	10	2	1	$7.00
2M	M1S24	1¾"	3A	24	1	4	$5.50
2M	M4N3	1¾"	3A	3	1	4	$7.00

The new Type 3A molded miniature switch for use in all military and commercial applications in which a superior instrument switch is required, can be furnished with as many as eight decks and up to twelve positions per deck, single pole, or six positions double pole. It has adjustable stops for any lower number of steps.

The switch, 1¼" in diameter, carries 5 amp and is furnished "Shorting", with "non-shorting" types available on request. It can be supplied solenoid-operated and hermetically sealed. Write for details and prices.

CAM SWITCHES



TYPE 8A CAM SWITCH

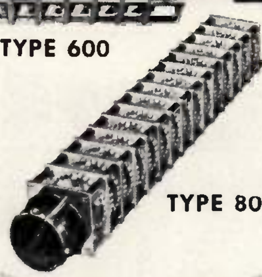
A new development of great interest. Small size, long life and great flexibility. Have been made with from one to 30 contact springs. Will carry 3 amp. Standard unit has four contact springs and 10 positions, price $12.50.

TYPE 10A TAP SWITCH

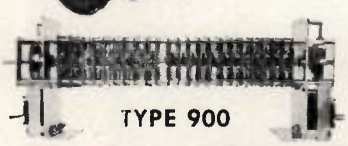
A multi-deck switch of small dimensions, 1⅜" sq. This is a precision switch designed to meet high requirements in smallest possible space. Up to 24 positions, shorting. Price approx. $10 per deck, plus frame $5.

SQUARE SWITCHES

TYPE 600



TYPE 800



TYPE 900

These standard rugged control switches are the standby for equipment calling for dependable switches in a hurry. Will meet all standard government specs. All parts carried in stock. An infinite number of combinations possible. Teletype your specs.

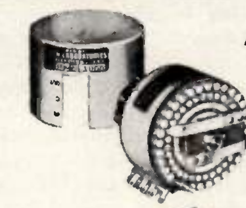
The price of the basic frame is the same for all, viz. $4.00 each. The type 600 and 800 are priced at $8.00 per deck plus frame price, and the type 900 switches are $9.50 per deck plus frame $4.00.

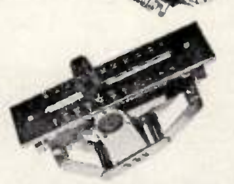
Type	Size	Rating	Max. Pos. Short	Max. Pos. Non-Short.
600	1¾" sq.	5A.	24	12
800	2¼" sq.	5A.	32	16
900	2¾" sq	10A.	48	24

OTHER TECH LAB SWITCHES

STEPPING SWITCHES

TECH LAB switches are now standard equipment in most missiles as well as in ground controls. Furnished sealed to meet all specs. Write for details. Prices on request.





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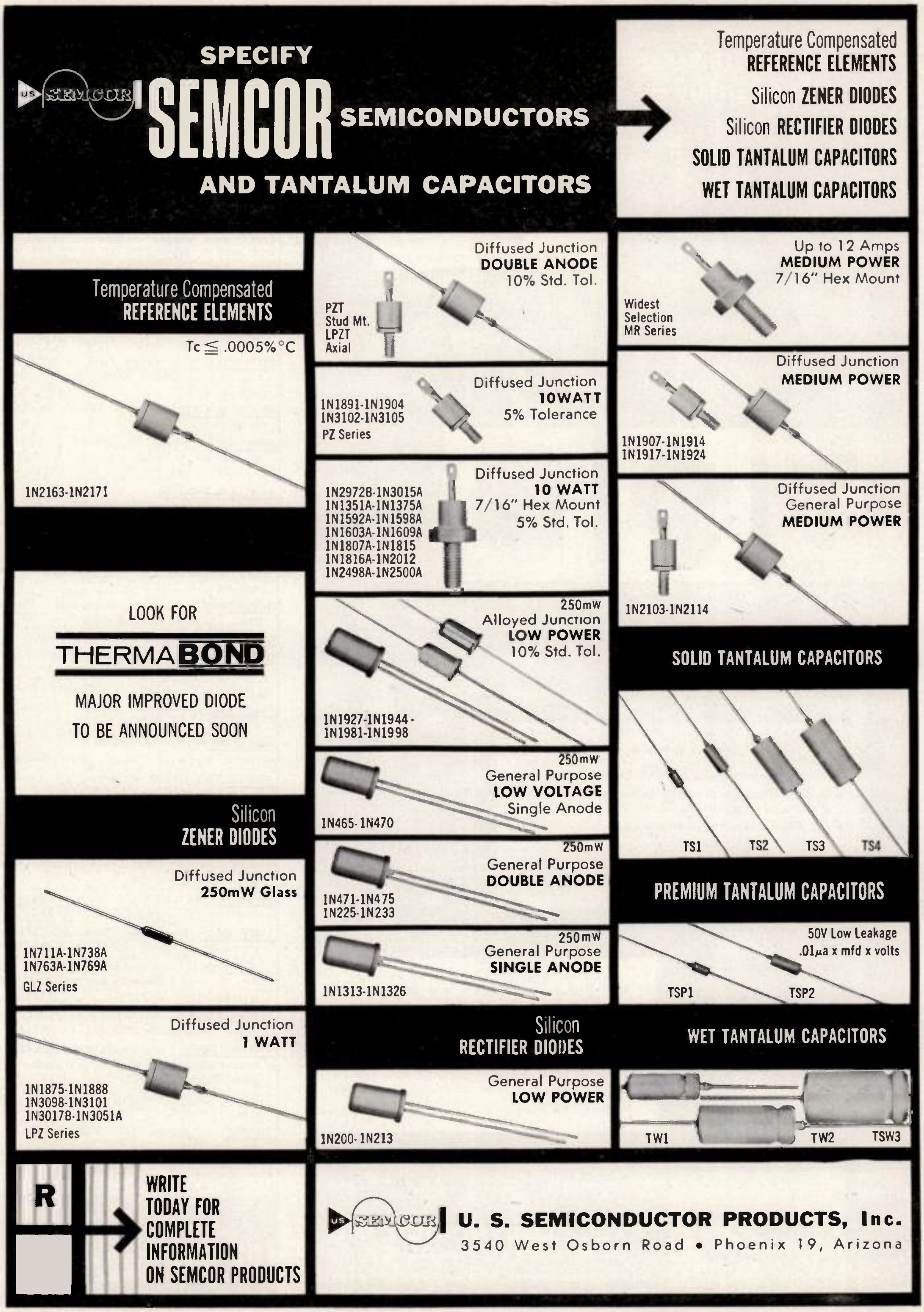
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ATTENUATORS: Variable, Flap, Precision, Fixed.

ADAPTERS: Waveguide Flange to Flange, Waveguide to Coax, Waveguide tapered, Rigid Coax to Coax.

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BOLOMETERS: Waveguide: Bolometer (millimeter).

COUPLERS: Directional Antenna: 7/8" Coax line. Crossguide, Multi-hole, Branch Guide Rotary.

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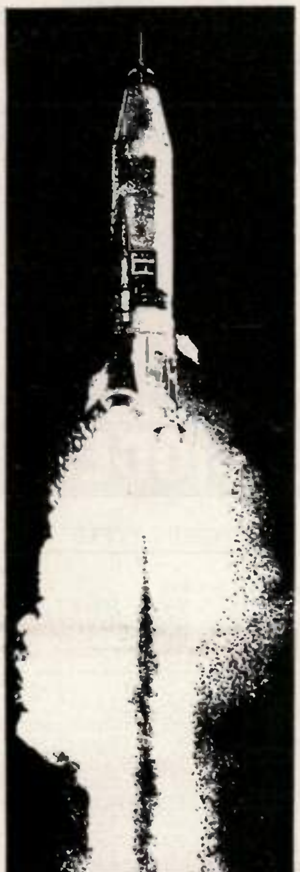

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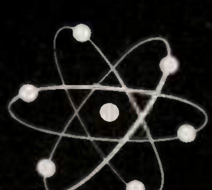

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1245 Q METER

Q Meter 1245 has the widest frequency range ever, 1kc to 300Mc, and can replace 2 older instruments. New design of injection impedances gives increased accuracy and reduces need for corrections. A demonstration convinces most engineers that this is the finest Q Meter yet available.

770U EDDYSTONE RECEIVER

Four Eddystone receivers cover the range 500kc to 1000Mc; they are used throughout the U.S. for telemetry and mobile radio monitoring, for experimental communications studies and general laboratory measurements. They are ruggedly built and ultra-reliable.

3352 CINTEL DOUBLE PULSE GENERATOR

3352 is becoming increasingly popular because of its reliability, full calibration, short rise-time and double pulse facility. It is supplied with rugged force-ventilated cabinet but can also be rack-mounted.

BRIDGES, L C & R

MODEL	FREQUENCY	FEATURES
868B UNIVERSAL	1kc, 10kc	1$\mu\mu$F to 100μF, 1μH to 100H, 0.1Ω to 100MΩ. Accuracy 1%. Has built-in oscillator and tuned detector with AGC. DIRECT READING; simplest possible operation.
1313 UNIVERSAL	1kc, 10kc	0.1$\mu\mu$F to 110μF, 0.1μH to 110H, 0.01Ω to 110MΩ. Accuracy ¼%. Features as 868B plus greater range and accuracy. Adapter TM6113 for biasing inductors to 200mA.
1342 LOW CAPACITY	1kc	0.002 to 1,111$\mu\mu$F. Accuracy 0.2%. Shunt R: 1 to 1,000MΩ. Uses 3 terminal transformer bridge circuit, eliminating stray capacity effects.
CINTEL 1854 MUTUAL & SELF L	1592cps (10,000 r/sec)	0.001μH to 30mH, 0.01 to 3,000Ω in 12 ranges. Accuracy 1%. The only bridge which reads Mutual and Self Inductance directly. Transistorized.
CINTEL 1864 C & R	1592cps (10,000 r/sec)	0.002$\mu\mu$F to 100μF, 1Ω to 10,000MΩ in 18 ranges. Accuracy 1%. Uses 3 terminal transformer bridge for "in circuit" measurements. Transistorized.
CINTEL INCREMENTAL L & ELECTROLYTIC C	50cps-15kc	Due mid-1961, this transistorized bridge has variable frequency, wide range; polarizes and measures L and C.

SYSTEMS TEST GEAR, MULTI-CHANNEL, SSB.

MODEL	FREQUENCY	FEATURES
1249A NOISE LOADING TEST SET	12-4028kc i.e. up to 960 channels	Precisely measures intermodulation and noise on multi-channel telephony systems to —70db. Includes noise generator, filters and receiver. Meets CCIR recommendations.
1259 DERIVATIVE TEST SET	65-75Mc swept ±20Mc (or to order)	For checking FM modulator/demodulator linearity. Displays 1st derivative (slope) of volts / △ F curve. CRT display. Discrimination 0.1db.
1094 SSB SPECTRUM ANALYZER	100cps-30Mc	60db dynamic range. Accuracy 2db. 3db selectivity at 6, 30 or 150cps. Spectrum width variable 100-30,000cps. If supplied without LF Adapter TM5606, range is 3-30Mc.

Q METER AND ACCESSORIES

MODEL	FREQUENCY	FEATURES
1245 Q METER	1kc-300Mc	Q Ranges 5-1000, △ Q 25-0-25. Accuracy 5% to 100Mc, 20% to 300Mc. Calibrated capacitor range 7.5 to 500$\mu\mu$F. △ C ranges ±1 and ±5$\mu\mu$F. Extremely stable and easy to operate. Uses separate oscillators—see below.
1246 OSCILLATOR	40kc-50Mc	4V output, 50Ω. For driving Model 1245 Q Meter and general lab use.
1247 OSCILLATOR	20-300Mc	4V output, 50Ω. For driving Model 1245 Q Meter and general lab use.
TM4520, TM4947 INDUCTORS	50kc-230Mc	Set of 18 and set of 3 Inductors, 0.05μH to 25mH, for Q Meter tests.
TJ155B/1; TJ230 LOSS TEST JIGS	1kc-50Mc	Attachments to Q Meter for determining dielectric constant and loss factor; also very low impedances.

RECEIVERS FM/AM

MODEL	FREQUENCY	FEATURES
EDDYSTONE 880	500kc-30.5Mc	An ultra-stable double conversion superheterodyne for AM, CW and SSB reception. Long term drift is less than 50cps; re-setting accuracy within 1kc; noise factor 5db; image rejection greater than —70db.
EDDYSTONE 770R	19-165Mc FM/AM/CW	Continuous coverage in 6 bands. Conservative design for long, stable life. Ideal for monitoring communications and for laboratory measurements.
EDDYSTONE 770U	150-500Mc FM/AM	Double conversion superheterodyne with excellent image rejection and high stability. Features include "S" Meter, IF gain control and squelch.
EDDYSTONE 770S	500-1000Mc	Continuous coverage in one band. Has AF, IF and VF outputs. Available mid-1961.

DOUBLE PULSE GENERATOR

MODEL	FREQUENCY	FEATURES
CINTEL 3352	1cps-1.1Mc 2Mc ext. triggered	10mμsec rise time. 50V max. Calibrated variable width, delay, amplitude and polarity. No overshoot or tilt. Other outputs include a pre-pulse, sawtooth and cable-formed pulse.

111 Cedar Lane, Englewood, N. J. LOwell 7-0607

Main Plant: St. Albans, Herts England

MARCONI INSTRUMENTS

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995A/5 FM SIGNAL GENERATOR

The latest in our 995 series, this generator has calibrated △ frequency controls and extra-high stability for precision measurements on narrow-band receivers. Model 995A/2M is for wider-band broadcast equipment.

1066A FM SIGNAL GENERATOR

Premium grade FM generator with coverage 10-470Mc. Used in Mobile Radio, Telemetering, Navigational Systems, FM Radio, Television and as a general laboratory tool. Has electronic, calibrated △ F control permitting measured carrier shifts of as little as 1kc at 470Mc. Over 600 Model 1066 are now in use throughout the U.S.A.

1064/2 FM SIGNAL GENERATOR

For use in design, production and maintenance of FM mobile radio—this new portable FM generator has a separate oscillator for each band thus eliminating instability due to band switching. This and other special design features give it frequency stability even higher than Model 1066A. Includes IF crystal oscillator for any 5 spots between 290kc and 16Mc. (crystals not supplied). 1000 c.p.s. mod. oscillator can be used as audio test tone.

791D FM DEVIATION METER

Like all Marconi Deviation Meters, 791D has a counter-type discriminator which has less than 0.2% distortion and is inherently more stable than tuned discriminators. This, and built-in Xtal standardization, provide 3% measurement accuracy. These meters make excellent transmitter monitors as the demodulated output can be analyzed for distortion, hum, noise and other spurious signals.

SIGNAL GENERATORS, FM, AM, SWEEP

MODEL	FREQUENCY	FEATURES
144H AM SIG. GEN.	10kc-72Mc	$0.2\mu V$ to 2V ±0.5db, 50Ω. Xtal check, 400kc & 2Mc. Stability 0.002%/10 min. Internal AM to 80%, at 400cps and 1kc. Also external AM.
867 AM SIG. GEN.	15kc-30Mc	$0.4\mu V$ to 4V, with ALC. 1Mc Xtal check. Scale length 15 ft. Internal AM to 100% with low distortion. FM on AM less than 200cps at 30% mod.
867/2 AM SIG. GEN.	15kc-37Mc	As Model 867; carrier can be Xtal locked at 1Mc. points.
888/3 Portable SIG. GEN.	70kc-70Mc	$0.1\mu V$ to 0.5V, 52Ω. AC or battery operated, includes audio power meter and 1kc tone source. Crystal standardized. Provides completely hum-free CW.
1099 VIDEO SWEEP GEN.	100kc-20Mc	3V max, level stabilized, 75Ω. Measurement accuracy 0.01db. Includes 1Mc & 5Mc crystal markers and input and output probes. Accessory: 100db step attenuator Model 1073.
1064/2 MOBILE RADIO FM SIG. GEN.	290kc-16Mc 30-50Mc 118-185Mc 450-470Mc	.025 to $10{,}000\mu V$ ($100{,}000\mu V$ uncalibrated). Extremely stable; quick warm up. Direct reading FM to 15kc deviation and Incremental Carrier Shifts to ±25kc on all bands. Portable.
995A/2M FM/AM SIG. GEN.	1.5-220Mc	$0.1\mu V$ to 100mV. Calibrated △ F. Step attenuator. Crystal standardized; extremely stable. Deviation 0-600kc on top bands. Has simultaneous FM and AM.
995A/5 FM/AM SIG. GEN.	1.5-220Mc	As 995A/2M with narrow deviation 0-5 & 0-15kc; stability .002%/10 min; Calibrated △ F. Spurious FM is less than 25cps. Special model for Mobile Radio.
1066A FM SIG. GEN. 1066A/1 rack mounted	10-470Mc	0.1 to $100{,}000\mu V$, 52Ω. FM at 1kc and 5kc internal, deviation to ±100kc, △ F to ±100kc, both meter monitored. (Deviation ±300kc, to order). Stability .0025%/10 min. Use Model 1102 Amplitude Modulator for FM-free AM.
801D/1 AM SIG. GEN.	10-470Mc	$0.1\mu V$ to 1V, 50Ω. VSWR less than 1.2 Frequency cal. 0.2%; Xtal check. AM 0-90%, external pulse mod. 50cps-50kc. Contactless range turrets and ALC.
913/3 FM/AM SIG. GEN.	22-176Mc	$0.1\mu V$ to 100mV, 52 & 75Ω. Deviation 0-100kc. AM 30%. Has Xtal check. CW carrier can be Xtal locked. Portable, inexpensive.
1066B/2 FM SIG. GEN.	400-550Mc	$0.1\mu V$ to 100mV, 50Ω. VSWR less than 1.2 Calibration accuracy 0.01% at 1Mc and 10Mc Xtal points. Internal FM at 1 and 10kc. External FM 100cps-100kc. Deviation to 300kc. Residual FM less than 100cps. Will test Range Command Receivers.
1060 SIG. GEN.	450-1250Mc	$0.15\mu V$ to 450mV, 52Ω (—130 to 0dbm) but max. output nearly 3V above 1000Mc. Calibrated △ freq. control.
1058 SIG. GEN.	1700-4000Mc	$0.1\mu V$ to 450mV, 52Ω (—135 to 0dbm). Modulation: 1kc square wave, pulse or FM 50cps to 20kc.

FM DEVIATION METERS

MODEL	FREQUENCY	FEATURES
934/3 FM DEV. METER	2.5-500Mc	Deviation ranges 5, 25, 75, 125kc. Accuracy 3%. Xtal standardized. Mod. frequencies 50cps to 35kc. Rack mounting, ruggedized.
791D FM DEV. METER	4-1024Mc	Deviation ranges 5, 25, 75 and 125kc full scale. Accuracy 3%. Crystal standardized. LO can be Xtal controlled for measuring deviations down to 10cps.
928 FM DEV. METER	20-500Mc	Wide range; mod. freq. up to 120kc. Dev. ranges 0-100, 0-200, 0-400kc. Accuracy 3%. Ruggedized. Crystal standardized.
928/2 TELEMETERING DEV. METER	215-265Mc	Telemetering version of 928. Dev. ranges 15, 50, 150kc or to order. Crystal standardized.

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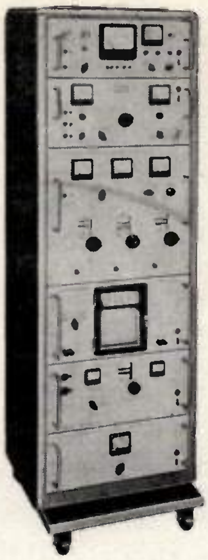
An Audio-Frequency Spectrograph



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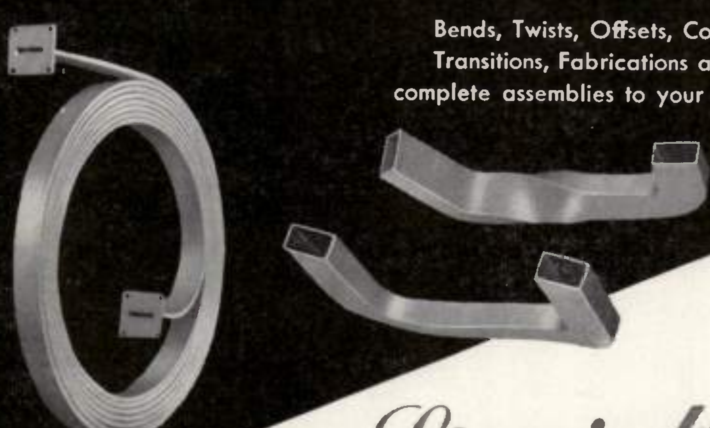

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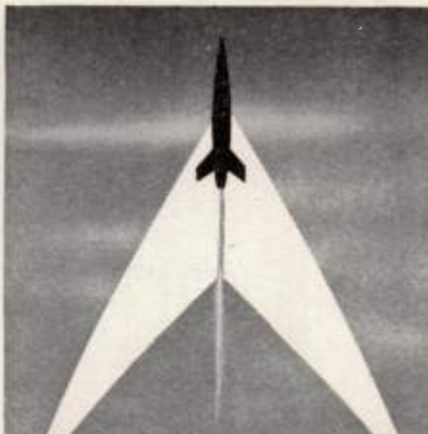

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Denver 9, Colorado
Phone: Race 2-4641

Ronald G. Bowen Co., Inc.
P. O. Box #3177, Station D
2228A San Mateo Blvd., N. E.
Albuquerque, New Mexico
Phone: Am 5-1579

Burcaw-Cowan & Company
22128 Grand River Avenue
Detroit 19, Michigan
Phone: Kenwood 3-7700

Waxman Currant Sales, Inc.
1366 Kenmore Avenue
Buffalo 23, New York
Phone: TR 3-0442

Mr. G. R. Freifeld
6161 64th Avenue
East Riverdale, Maryland
Phone: Appleton 7-0818

♦ TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

JFD IT PAYS TO SPECIFY VARIABLE TRIMMER PISTON CAPACITORS, LC TUNERS AND METALIZED INDUCTORS

model	type mount	capacitance range mmf measured per JFD #5177 min.	max.	D.C. working volts	dielectric strength measured at max. rated cap.	Insulation resistance 500 V D C.	Q factor measured per JFD #5178	temp. coeff. of capacitance P.P.M./°C 25° to 125°C	material (dielectric-piston)	length (front of panel)
STANDARD PANEL MOUNT, GLASS AND QUARTZ										
VC1G	Panel	0.7	9.0	1500	2500 VDC	10^6 Meg. Min.	500	—60 to +10	Glass - Invar	21/32
VC4G	Panel	0.8	18.0	1000	1500 VDC	10^6 Meg. Min.	500	+350 to +450	Glass - Brass	1
VC5G	Panel	0.8	18.0	1000	1500 VDC	10^6 Meg. Min.	500	—20 to +40	Glass - Invar	1
VC11G	Panel	0.6	14.0	1000	1500 VDC	10^6 Meg. Min.	500	—30 to +40	Glass - Invar	1
VC11GRA	Panel	0.6	14.0	1000	1500 VDC	10^6 Meg. Min.	500	—40 to +50	Glass - Invar	1
VC11GRB	Panel	0.6	14.0	1000	1500 VDC	10^6 Meg. Min.	500	+450 to +600	Glass - Brass	1
VC11GRC	Panel	0.8	18.0	1000	1500 VDC	10^5 Meg. Min.	500	+20 to +100	Glass - Invar	1
VC30G	Panel	0.8	30.0	1000	1500 VDC	10^6 Meg. Min.	500	—10 to +50	Glass - Invar	1 19/32
VC2	Panel	0.7	4.5	1000	1500 VDC	10^6 Meg. Min.	2000	Approx. Zero	Quartz - Invar	7/16
VC5	Panel	0.6	6.0	1000	1500 VDC	10^6 Meg. Min.	2000	Approx. Zero	Quartz - Invar	5/8
VC11	Panel	0.8	10.0	1000	1500 VDC	10^6 Meg. Min.	2000	Approx. Zero	Quartz - Invar	1
VC11A	Panel	1.0	10.0	1000	2000 VDC	10^6 Meg. Min.	2000	Approx. Zero	Quartz - Invar	1 1/32
VC12	Panel	9.0	21.0	1000	1500 VDC	10^6 Meg. Min.	2000	Approx. Zero	Quartz - Invar	1 19/32
VC99	Panel	0.8	10.0	3000	5000 VDC	10^6 Meg. Min.	2000	Approx. Zero	Quartz - Invar	1 7/32
SPLIT BUSHING SERIES — PANEL MOUNT, PRINTED CIRCUIT, GLASS AND QUARTZ										
VC3G	Panel	0.7	9.0	1500	2500 VDC	10^6 Meg. Min.	650	+350 to +500	Glass - Brass	21/32
VC3GI	Panel	0.7	9.0	1500	2500 VDC	10^6 Meg. Min.	650	+0 to —150	Glass - Invar	21/32
VC6GA	Panel	0.7	17.0	1000	1500 VDC	10^6 Meg. Min.	750	+400 to +600	Glass - Brass	1 1/32
VC6GC	Panel	0.8	17.0	1000	1500 VDC	10^6 Meg. Min.	650	—100 to +100	Glass - Invar	1 1/32
VC6GI	Panel	0.8	17.0	1000	1500 VDC	10^6 Meg. Min.	600	—100 to +100	Glass - Invar	1 1/32
VC7G	Panel	2.0	30.0	1000	1500 VDC	10^6 Meg. Min.	600	—100 to +100	Glass - Invar	1 5/8
VC13GA	Panel	0.8	13.0	3000	5000 VDC	10^6 Meg. Min.	500	+225 to +375	Glass - Ph. Bronze	1 1/4
VC50C	Panel	5.0	50.0	1250	2500 VDC	10^5 Meg. Min.	450	+250 to +450	Ceram Ph Bronze	1
VC801GW	Prt. Ct.	0.8	4.5	1000	1500 VDC	10^6 Meg.	500	—55 to +125	Glass - Invar	33/64
VC803GW	Prt. Ct.	0.8	8.5	1000	1500 VDC	10^6 Meg.	500	—55 to +125	Glass - Invar	25/32
VC804GW	Prt. Ct.	0.8	12.0	1000	1500 VDC	10^6 Meg.	500	—55 to +125	Glass - Invar	31/32
VC806GW	Prt. Ct.	0.8	18.0	1000	1500 VDC	10^6 Meg.	500	—55 to +125	Glass - Invar	1 7/32
VC809GW	Prt. Ct.	0.8	30.0	1000	1500 VDC	10^6 Meg.	500	—55 to +125	Glass - Invar	1 13/16
VC811QW	Prt. Ct.	0.6	1.8	1000	1500 VDC	10^6 Meg.	2000	—55 to +150	Quartz - Invar	33/64
VC813QW	Prt. Ct.	0.6	5.0	1000	1500 VDC	10^6 Meg.	2000	—55 to +150	Quartz - Invar	3/4
VC816QW	Prt. Ct.	0.6	9.5	1000	1500 VDC	10^6 Meg.	2000	—55 to +150	Quartz - Invar	1 7/32
VC819QW	Prt. Ct.	0.6	16.0	1000	1500 VDC	10^6 Meg.	2000	—55 to +150	Quartz - Invar	1 13/16
MINIATURE PANEL MOUNT, PRINTED CIRCUIT, GLASS AND QUARTZ										
VC20G* VC9G, VC9GW	Prt. Ct.	0.8	8.5	1000	1500 VDC	10^6 Meg. Min.	500	±50	Glass - Invar	9/16
VC21G* VC10G, VC10GW	Prt. Ct.	0.8	4.5	1000	1500 VDC	10^6 Meg. Min.	500	±50	Glass - Invar	5/16
VC22G*	Panel	0.7	12.0	1000	1500 VDC	10^6 Meg. Min.	500	±75	Glass - Invar	49/64
VC23G* VC32G, VC32GW	Prt. Ct.	0.8	18.0	1000	1500 VDC	10^6 Meg. Min.	500	±100	Glass - Invar	1
VC24G*	Panel	1.0	30.0	1000	1500 VDC	10^6 Meg. Min.	500	±100	Glass - Invar	1 5/8
VC31G, VC31GW	Prt. Ct.	0.8	12.0	1000	1500 VDC	10^6 Meg. Min.	500	±75	Glass - Invar	1 1/32
VC42G & VC42GW	Prt. Ct.	1.0	21.0	1000	1500 VDC	10^6 Meg. Min.	500	±100	Glass - Invar	1 1/8
VC43G, VC43GW	Prt. Ct.	0.8	30.0	1000	1500 VDC	10^6 Meg. Min.	500	±100	Glass - Invar	1 5/8
MQ101*, 111 & 121	Prt. Ct.	0.6	1.8	1000	1500 VDC	10^6 Meg. Min.	1500	Approx. Zero	Quartz - Invar	5/16
MQ103*, 113 & 123	Prt. Ct.	0.6	5.5	1000	1500 VDC	10^6 Meg. Min.	1500	Approx. Zero	Quartz - Invar	9/16
MQ106*, 116 & 126	Prt. Ct.	0.6	9.5	1000	1500 VDC	10^6 Meg. Min.	1500	Approx. Zero	Quartz - Invar	1
MQ109*, 119 & 129	Prt. Ct.	0.8	16.0	1000	1500 VDC	10^6 Meg. Min.	1500	Approx. Zero	Quartz - Invar	1 5/8

* Panel Mount

Why do engineers specify JFD trimmer capacitors and tuners?

Ultra linear tuning, high stability, extreme compactness and invulnerability to shock and vibration are some of the characteristics on which they know they can rely.

Precision machined bushings and full threaded anti-backlash adjust mechanism insure perfect coaxial alignment of piston with cylinder. The JFD patented trouble-free design *eliminates* complex direct traverse mechanisms with their additional encumbering parts, greater weight and increased physical size. Result: *no* tuning reversals, absolute *repeatability*, complete *reliability*, lighter weight with JFD trimmers.

Write today for the JFD 1961 component catalog — the most comprehensive ever published, or see your nearest JFD industrial distributor.

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JFD

model	type mount	capacitance range mmf measured per JFD =5177 min.	max.	D.C. working volts	dielectric strength measured at max. rated cap.	Insulation resistance 500 VDC	Q factor measured per JFD =5178	temp. coeff. of capacitance P.P.M./°C 25° to 125°C	material (dielectric-piston)	length (front of panel)
SEALCAP MINIATURE PANEL MOUNT, PRINTED CIRCUIT, GLASS AND QUARTZ										
SC131*, 141 & 151	Prt. Ct.	0.8	4.5	750	1500 VDC	2x10⁶ Meg.	500	±50	Glass - Invar	13/32†
SC133*, 143 & 153	Prt. Ct.	0.8	8.5	1250	2500 VDC	10x10⁶ Meg.	500	±50	Glass - Invar	21/32†
SC134*	Prt. Ct.	0.7	12.0	1250	2500 VDC	10x10⁶ Meg.	500	±75	Glass - Invar	7/8
SC144 & 154	Prt. Ct.	0.8	12.0	1250	2500 VDC	10x10⁶ Meg.	500	±75	Glass - Invar	1.053
SC136*, 146 & 156	Prt. Ct.	0.8	18.0	1250	2500 VDC	10x10⁶ Meg.	500	±100	Glass - Invar	1 3/32†
SC139*	Prt. Ct.	1.0	30.0	1250	2500 VDC	10x10⁶ Meg.	500	±100	Glass - Invar	1 3/4
SC149 & 159	Prt. Ct.	0.8	30.0	1250	2500 VDC	10x10⁶ Meg.	500	±100	Glass - Invar	1.928
QS171*, 181 & 191	Prt. Ct.	0.6	1.8	1000	1500 VDC	2x10⁶ Meg.	1500	Approx. Zero	Quartz - Invar	13/32†
QS173*, 183 & 193	Prt. Ct.	0.6	5.5	1250	2500 VDC	10x10⁶ Meg.	1500	Approx. Zero	Quartz - Invar	21/32†
QS176*, 186 & 196	Prt. Ct.	0.6	9.5	1250	2500 VDC	10x10⁶ Meg.	1500	Approx. Zero	Quartz - Invar	1 3/32†
QS179*, 189 & 199	Prt. Ct.	0.8	16.0	1250	2500 VDC	10x10⁶ Meg.	1500	Approx. Zero	Quartz - Invar	1 3/4†
STANDARD SPLIT-STATOR PANEL MOUNT, GLASS AND QUARTZ										
VC16G	Panel	(A) 0.5 (B) 0.8	5.0 2.5	500	1000 VDC	10⁴ Meg.	700	±50	Glass - Invar	11/16
VC17G	Panel	(A) 0.6 (B) 1.1	8.5 4.5	500	1000 VDC	10⁴ Meg.	700	±50	Glass - Invar	1 1/32
VC18G	Panel	(A) 0.7 (B) 1.8	14.0 7.5	500	1000 VDC	10⁴ Meg.	700	±50	Glass - Invar	1 11/32
VC80	Panel	(A) 0.3 (B) 0.4	2.0 1.0	1000	1500 VDC	10⁴ Meg.	1000	Approx. Zero	Quartz - Invar	17/32
VC81	Panel	(A) 0.4 (B) 0.6	3.2 1.6	1000	1500 VDC	10⁴ Meg.	1000	Approx. Zero	Quartz - Invar	5/8
VC82	Panel	(A) 0.5 (B) 0.85	5.5 2.8	1000	1500 VDC	10⁴ Meg.	1000	Approx. Zero	Quartz - Invar	1 1/32
VC83	Panel	(A) 4.8 (B) 3.0	11.0 6.0	1000	1500 VDC	10⁴ Meg.	1000	Approx. Zero	Quartz - Invar	1 1/16
MINIATURE SPLIT-STATOR SERIES										
SP86G*, 206G & 216G	Prt. Ct.	(A) 0.8 (B) 0.8	4.2 2.0	750	1500 VDC	10⁵ Meg.	500	±50	Glass - Invar	17/32†
SP87G*, 207G & 217G	Prt. Ct.	(A) 0.8 (B) 1.5	9.0 4.5	750	1500 VDC	10⁵ Meg.	500	±100	Glass - Invar	1†
SP88G*, 208G & 218G	Prt. Ct.	(A) 1.0 (B) 2.0	14.0 7.0	750	1500 VDC	10⁵ Meg.	500	±100	Glass - Invar	1 11/32†
MINIATURE SPLIT-STATOR SEALCAP SERIES										
SPS226G*, 236G & 246G	Prt. Ct.	(A) 0.8 (B) 0.8	4.2 2.0	750	1500 VDC	10⁵ Meg.	500	±50	Glass - Invar	11/16†
SPS227G*, 237G & 247G	Prt. Ct.	(A) 0.8 (B) 1.5	9.0 4.5	750	1500 VDC	10⁵ Meg.	500	±100	Glass - Invar	1 1/8†
SPS228G*, 238G & 248G	Prt. Ct.	(A) 1.0 (B) 2.0	14.0 7.0	750	1500 VDC	10⁵ Meg.	500	±100	Glass - Invar	1 25/32†
DIFFERENTIAL SERIES, STANDARD PANEL MOUNT, MINIATURE TYPES FOR PANEL MOUNT*, AND PRINTED CIRCUIT TYPES**										
DC401, 411* , 421 & 431**	Prt. Ct.	(1) 0.7 (2) 2.0	3.0 3.0	500	1000 VDC	10⁴ Meg.	500	±100	Glass - Invar	5/16†
DC403, 413* , 423 & 433**	Prt. Ct.	(1) 0.8 (2) 2.5	8.0 8.5	500	1000 VDC	10⁴ Meg.	500	±100	Glass - Invar	35/64†
DC404, 414* , 424 & 434**	Prt. Ct.	(1) 0.8 (2) 3.0	12.0 12.0	500	1000 VDC	10⁴ Meg.	500	±100	Glass - Invar	3/4†
DC406, 416* , 426 & 436**	Prt. Ct.	(1) 0.9 (2) 3.0	16.0 16.0	500	1000 VDC	10⁴ Meg.	500	±100	Glass - Invar	15/16†
DC409, 419* , 429 & 439**	Prt. Ct.	(1) 1.0 (2) 4.0	28.0 28.0	500	1000 VDC	10⁴ Meg.	500	±100	Glass - Invar	1 7/16†
MINIATURE DIFERENTIAL SEALCAP SERIES										
DS441*, 451 & 461	Prt. Ct.	(1) 0.7 (2) 2.0	3.0 3.0	500	1000 VDC	10⁴ Meg.	500	±100	Glass - Invar	7/16†
DS443*, 453 & 463	Prt. Ct.	(1) 0.8 (2) 2.5	8.0 8.5	500	1000 VDC	10⁴ Meg.	500	±100	Glass - Invar	43/64†
DS444*, 454 & 464	Prt. Ct.	(1) 0.8 (2) 3.0	12.0 12.0	500	1000 VDC	10⁴ Meg.	500	±100	Glass - Invar	7/8†
DS446*, 456 & 466	Prt. Ct.	(1) 0.9 (2) 3.0	16.0 16.0	500	1000 VDC	10⁴ Meg.	500	±100	Glass - Invar	1 1/16†
DS449*, 459 & 469	Prt. Ct.	(1) 1.0 (2) 4.0	28.0 28.0	500	1000 VDC	10⁴ Meg.	500	±100	Glass - Invar	1 5/16†
MAX-C SEALCAP SERIES										
MC601*, 611 & 621	Prt. Ct.	1.0	14.0	1000	2000 VDC	10⁶ Meg.	500	±50	Glass - Invar	29/64†
MC603*, 613 & 623	Prt. Ct.	1.0	28.0	1000	2000 VDC	10⁶ Meg.	500	±50	Glass - Invar	11/16†
MC604*, 614 & 624	Prt. Ct.	1.0	42.0	1000	2000 VDC	10⁶ Meg.	500	±50	Glass - Invar	29/32†
MC606*, 616 & 626	Prt. Ct.	1.0	60.0	1000	2000 VDC	10⁶ Meg.	500	±50	Glass - Invar	1 5/32†
MC609*, 619 & 629	Prt. Ct.	1.0	90.0	1000	2000 VDC	10⁶ Meg.	500	±50	Glass - Invar	1 3/4†

LC TUNERS*	self-resonating frequency (MC)		nominal induct (microhenries)		nominal capacitance (MME)		Q factor	operating temperature °C	material	length (front of panel)
LC303* , 313 , 323 & 333**	400 MIN	725 MAX	.0248 MIN	.0277 MAX	.54 MIN	6.56 MAX	170-200	—55 to +125	Glass - Invar	43/64
LC304* , 314 , 324 & 334**	275 MIN	550 MAX	.0367 MIN	.0396 MAX	.85 MIN	11.66 MAX	150-175	—55 to +125	Glass - Invar	57/64
LC306* , 316 , 326 & 336**	200 MIN	500 MAX	.0507 MIN	.0544 MAX	.86 MIN	20.19 MAX	135-170	—55 to +125	Glass - Invar	1 9/64
LC309* , 319 , 329 & 339**	125 MIN	375 MAX	.048 MIN	.0798 MAX	.88 MIN	24.49 MAX	145-155	—55 to +125	Glass - Invar	1 47/64

FIXED METALIZED INDUCTORS FOR PANEL MOUNT OR PRINTED CIRCUIT MOUNT

23 values available off the shelf from 0.05μh to 2.0μh—Q factor up to 180. High stability over wide operating temperature. Write for our catalog.

**Standard panel mount   * miniature panel mount   †Length Applicable for Panel Mount Types Only.

➧ TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

POWER SUPPLIES

Opad

IMMEDIATE DELIVERY

0-32 V.D.C. 100 M.V. Ripple

Input: 115 V.A.C. 60 Cycles, Single Phase

Amps.	Model	Style	H	W	D	Fig.
5	KM75	Rack	8¾"	19"	9½"	F
	KM75B	Bench	9"	17"	9"	G
10	KM81	Rack	8¾"	19"	9½"	F
	KM81B	Bench	9"	17"	9"	G
20	KM87	Rack	8¾"	19"	9½"	F
	KM87B	Bench	10½"	22"	12"	H
40	KM93	Rack	12¼"	19"	13"	E
	KM93B	Bench	14"	22"	15"	A

FEATURES

- Vacuum Varnish Impregnated Magnetic Components.
- 4½" Rectangular 2% Accuracy, D.C. Panel Meters (3½" on small units).
- Controls include power switch, line and load uses, pilot light, voltage control knob, output binding posts.
- Load Regulation: 1/10 Load 35 Volts
  Full Load 32 Volts
- Panel Type Carrying Handles.
- Convection Cooled Continuous Duty Ratings.

Bulletin No. 102A

4-32 V.D.C. 5 M.V. Ripple

Input: 105-125 V.A.C. 60 Cycles, Single Phase

Amps.	Model	H	W	D	Fig.
1.5	TR10	3½"	19"	9½"	B
4	TR20	3½"	19"	9½"	B
10	TR30	8¾"	19"	14"	C
15	TR40	8¾"	19"	14"	C

FEATURES

- Transistorized.
- Regulation±½% line and load.
- Remote Sensing.
- Zener Diode Reference.
- Short Circuit Protection.
- Controls include power switch, fuses, pilot light, main voltage control and vernier, and output binding posts.
- 2% Accuracy Panel Meters.
- Vacuum Varnish Impregnated Magnetic Components.

Bulletin No. 105

0-125 V.D.C. 1% Ripple

Input: 117 V.A.C. 60 Cycles, Single Phase

Amps.	Model	Style	H	W	D	Fig.
2.5	RS10	Rack	8¾"	19"	9½"	F
	RS10B	Bench	10½"	22"	12"	H
5	RS20	Rack	10½"	19"	13"	F
	RS20B	Bench	12¼"	22"	15"	H
10	RS30	Rack	12¼"	19"	13"	E
	RS30B	Bench	14"	22"	15"	A
20	RS40	Rack	17½"	19"	13"	—
	RS40B	Bench	19¼"	19"	15"	D

FEATURES

- Vacuum Varnish Impregnated Magnetic Components.
- Non-Aging Silicon Rectifiers.
- 4½" Rectangular 2% Accuracy D.C. Panel Meters (3½" on small units).
- Controls include Power Switch, Line and Load Fuses, Pilot Light, Voltage Control Knob and Output Binding Posts.
- Load Regulation: 1/10 Load 130 Volts.
  Full Load 125 Volts.
- Both D.C. Terminals above ground and isolated from A.C. Line.
- Panel Type Carrying Handles.
- Convection Cooled Continuous Duty Ratings.

Bulletin No. 204A

NEW! 0-32 V.D.C. 100 Amps.

1% Ripple

Input: 208 V.A.C., 60 Cycles, 3 Phase

Model KM100

FEATURES

- Only 12¼" H x 19" W x 17½" D.
- Fully self-protecting circuit.
- Magnetic contactor starting.
- Adjustable D.C. overcurrent control.
- Overload indicator and reset button.
- 4½" Rect., 2% Acc. Meters.
- Silicon Type Rectifiers.
- Regulation: 1/10 Load 35 Volts.
  Full Load 32 Volts.

Bulletin No. 104

AIRCRAFT BATTERY SUBSTITUTE

Specifically designed to operate rotating equipment

OUTPUT: 0-30 V.D.C., 20 Amperes.

RIPPLE: Less than ½%.

INPUT: 115 V.A.C.., 60 C.P.S. 1 ϕ.

REGULATION: 1/10 Load 35 Volts
Full Load 30 Volts

FEATURES: Ammeter overcurrent protection circuit prevents needle 'slam' when starting inverters & motors.

MODEL KM88.....Rack Mount

MODEL KM88D....Rack Mount with Dust Cover

MODEL KM88B....Bench Cabinet

Bulletin No. 100B

NON-DESTRUCTIVE INSULATION TESTER

Voltage Range:
0-5 KVAC RMOS Continuously Ajustable

Controls:
Power Switch, Test Voltage Adjust., H.V. Circuit Breaker Trip Adj. Calibrated 10ua to 3000ua, Guard Circuit "ON-OFF", Leakage Indicator Lamp, Leakage Reset and Pilot Lamp. (Internal Audible Alarm)

Input:
115 VAC 60 cycles, single phase

Size/Wt:
7½" W x 3⅓" D x 8½" H — 8½ lbs.

MODEL HV 53

Bulletin 1400

DUAL RANGE POWER SUPPLY

OUTPUT: 0-32/64 V.D.C., 40/20 Amps.

RIPPLE: 0.3% R.M.S.

INPUT: 115 V.A.C., 60 C.P.S. 1ϕ.

FEATURES: Thermal overload protection, indicating line and load fuses, overload warning light, dual range voltmeter.

MODEL KM95....Rack Mount

MODEL KM95D..Rack Mount with Dust Cover

MODEL KM95B..Bench Cabinet

Bulletin No. 103

OPAD ELECTRIC COMPANY

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ANTENNAS

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Pedestal Model 1010 shown

NOW — available from Ainslie Corporation, a new remote control positioning pedestal capable of handling our antennas up to 18 feet in diameter in frequencies from 100 to 10,000 mc. Modifications available for a variety of tracking applications. Whatever your antenna or reflector requirements may be, contact us at our new facilities.

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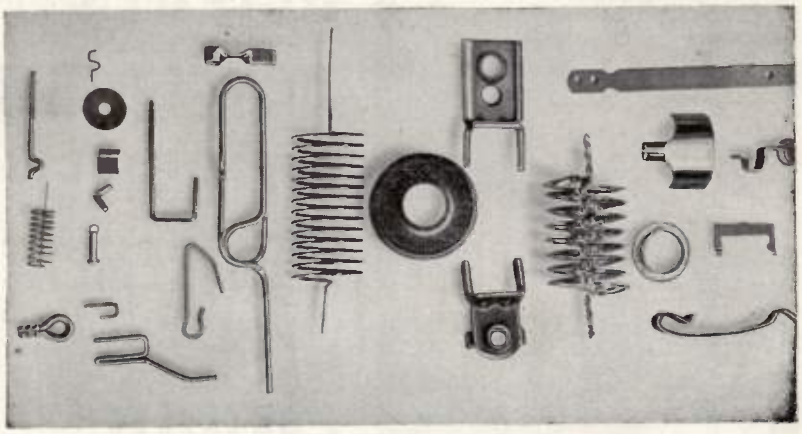


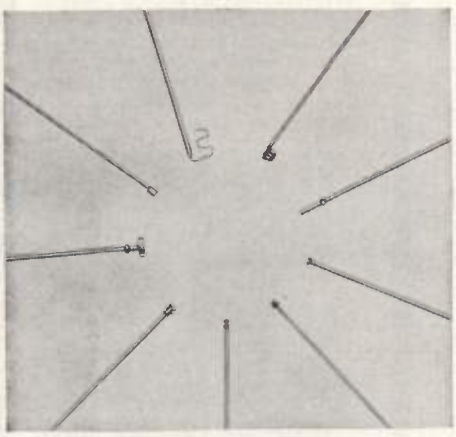
WIRE FORMS AND METAL STAMPINGS

Straightening and Cutting: Perfect straight lengths to 12 ft. Diameters: .0015 to .125.

Wire Forms: .0015 to .125 diameter.

Small Metal Stampings: .0025 to .035 thickness, .062 to 3 inches wide.

We specialize in production of parts for electronic, cathode ray tubes and transistors.



TERMINAL LEADS FOR RESISTORS, TRANSISTORS, CAPACITORS, ETC.
These components can be supplied with coiled heads, flatted heads, wound heads, heads upset and flanged—with wide possibilities for variation in size and length.

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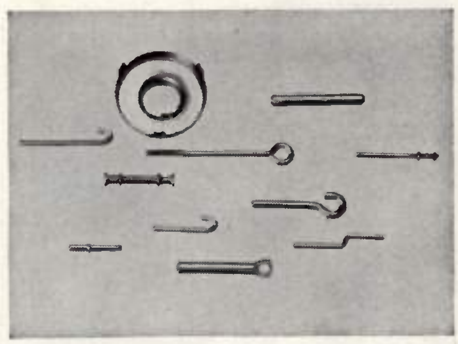
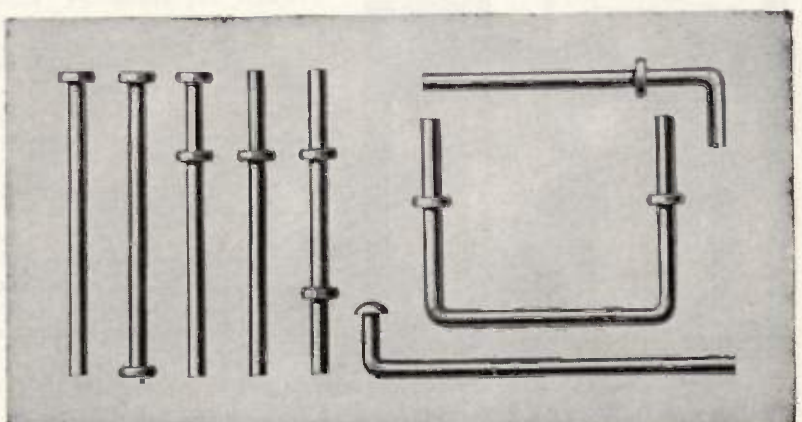
Headed pins, flanged pins, base pins. Straight wires with rounded ends. Parts made of Kovar, Rodar, Therlo and other glass seal alloys.



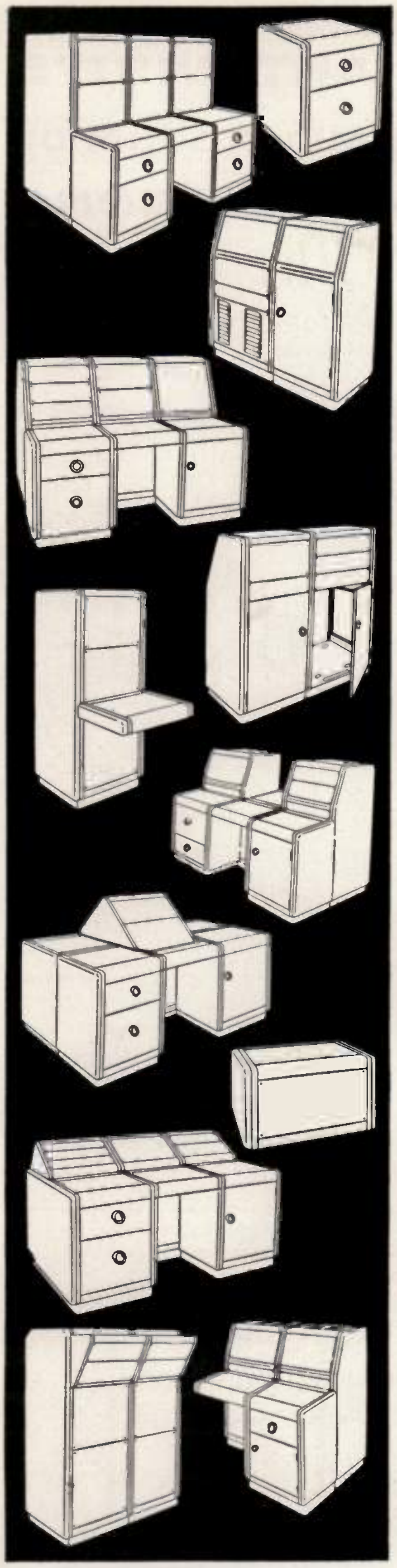
UPSET PINS

Continuous uniformity from the first to the millionth unit. In a wide variety of metals and alloys, diameters from .010 to .090. Thickness of upset flange on head can vary from .010 inch on fine wire to .062 inch on heaviest wire. Flanges precision-positioned to your specifications. Flanges and heads with rounded edges.



Send for literature with complete information.

art wire and stamping co.
18A Boyden Place, Newark, New Jersey



HUNDREDS OF Widths, Depths & Heights TO MEET YOUR ENCLOSURE REQUIREMENTS WITH EMCOR STANDARD CABINETS

- Cut costly enclosure design time. Select your packaging needs from a complete line of standard and heavy duty EMCOR Cabinets.
- EMCOR MODULAR ENCLOSURE SYSTEM Cabinetry provides for thousands of control center combinations.
- Engineered simplicity of basic frames and components affords quickest and easiest erection of control center assembly.
- EMCOR Cabinetry Engineers backed by the research and development "know-how" of the Roy C. Ingersoll Research Center set the pace for the packaging needs of electronics, instrumentation and electro-mechanical engineers from coast to coast.
- Rugged frame construction surpasses all standard requirements for increased load carrying capacities.
- Compatible cabinet design assures simplified and economical expansion at any time.
- EMCOR Cabinet manufacturing meets rigid quality-controlled craftsmanship standards.
- Nationwide organization of EMCOR Sales-Engineering Representatives assist in planning stages and assure customer satisfaction beyond the sale.

Condensed Version of Catalog 106 Available Upon Request.

Originators of the Modular Enclosure System

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HIGH FREQUENCY *Induction* HEATING UNITS

Lepel induction heating equipment is the most practical and efficient source of heat developed for numerous industrial applications

DUAL PURPOSE FLOATING ZONE AND CRYSTAL PULLING FIXTURE

A new fixture with separate attachments for crystal pulling and floating zone applications for use with a high frequency induction heating generator.

THE FLOATING ZONE METHOD is used extensively for zone refining and for growing crystals of high purity silicon for semiconductor devices by traversing a narrow molten zone along the length of the process bar in a controlled atmosphere.

THE CRYSTAL PULLING METHOD is used for growing single crystals of various materials, especially germanium, by bringing a seed of known crystal orientation into contact with the surface of the molten metal and slowly withdrawing the seed, producing progressive crystallization.

The Lepel Model HCP-D consists of the basic unit with the traverse mechanism and all the controls including the controls for the operation of the generator, and the floating zone and crystal pulling attachments. The same basic support, programming and control unit is used in either adaptation. The major variations are in the attachments and the induction coils. The change from one application to the other can be accomplished in a very short time.

Our engineers will process your work samples and return the completed job with full data and recommendations without cost or obligation.

WRITE FOR NEW LEPEL CATALOG

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- KEEP YOUR OPERATING COSTS WHERE THEY SHOULD BE!

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You Make Your Own Engraved Nameplates!

Here is a speedy, economical 2 or 3-dimensional engraver used by thousands of dollar-conscious companies. It features 5 positive, accurate pantographic ratios; ball bearing spindle with 3 speeds up to 14,000 rpm. Is supplied with one copy carrier that accepts all standard master type sizes. Will actually work up to 10" by any width. Height of pantograph and position of cutter are continuously adjustable.

MODEL D-2 HEAVY-DUTY 2-DIMENSIONAL

Pantograph for milling, drilling and engraving.

Vertical adjustment of copy table automatic with Pantograph. Features: unobstructed on 3 sides to take large work; micrometer adjustment for depth of cut; ball bearing construction throughout; spindle speeds up to 26,000 rpm for engraving or machining, vertical range over 10", ratios 2 to 1 to infinity — master copy area 26" x 10"

NEW

MODEL D2-201 PNEUMATIC ATTACHMENT

for use with Model D2 Pantograph Engraver to rapidly drill holes in printed circuits by tracing templates. Drills as many as 100 holes per minute. Equipped with foot switch, spindle air cylinder; regulating valve and pressure gauge; filter and oiler. It's ready to use as soon as it's attached to an air compressor.

Write or call for full details and prices.

GREEN INSTRUMENT COMPANY, INC.

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DRAWING BOARD NEWS......... No. 3

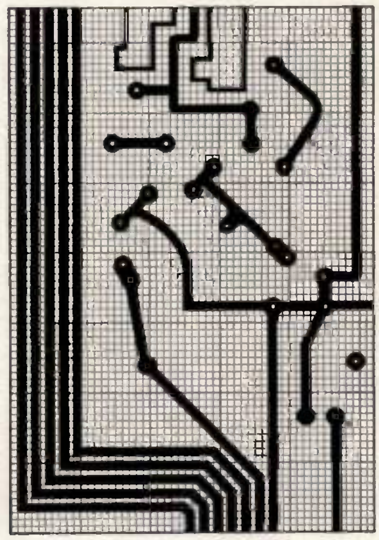
Published by Chart-Pak, Inc., originator of the tape method of drafting

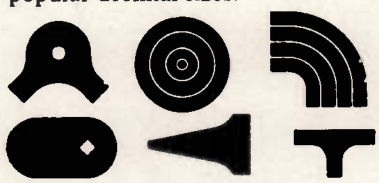
PRINTED-CIRCUIT DRAFTSMEN GET "INSTANT" SYMBOLS WITH CHART-PAK

It's a lot less work to make fast, accurate master drawings with Chart-Pak printed circuit symbols and tapes.

Chart-Pak offers circles, ovals, fillets and a variety of common shapes die-cut out of pressure-sensitive black crepe paper — available on handy backing rolls. You just press them down!

Chart-Pak circuit symbols are low in cost; accurate; reproducible; easily "correctable". Available in popular decimal sizes.





Conductor Paths "Tape" On — A Yard at a Time!

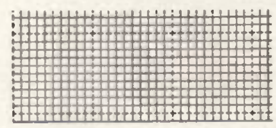
Draftsmen put down conductor paths in seconds, with Chart-Pak circuit tapes . . . Lines have unusual uniformity (width held within .002".) Chart-Pak's precision-slit tapes come in sizes down to 1/64" . . . in all-black or white-backed type (handy for registering circuits back-to-back.)

WRITE FOR NEW CHART-PAK CATALOG. It helps you take the drudgery out of drafting!

Chart-Pak Grids Pin-Point Location within .002"

Precise printed-circuit drawings are a foregone conclusion when they're "taped-up" with Chart-Pak, on a Chart-Pak Precision Grid. The distance between any two lines is guaranteed accurate within .005".

The sheet, tough, stable DuPont "Mylar"®, is a pleasure to work on — can be used over and over again.



New! "Tape-Saver" Package

CHART-PAK, INC.

ORIGINATOR OF THE TAPE METHOD OF DRAFTING

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Dealers in principal cities in U. S. and Canada

TAP-A-LINE THE HANDIEST THING SINCE ELECTRICITY

FROM 6 INCHES TO 10 FEET LONG

Tap-A-Line — mounted on or behind work benches, in the lab, on test tables, in lamp or appliance stores — provides multiple taps from a single power source. Safe — concealed conductors — tight positive contacts — easy to install in any position. Sold by Electrical, Electronic and Hardware Jobbers and Dealers

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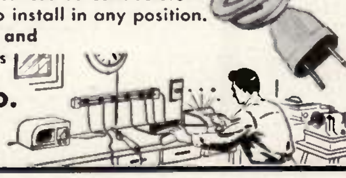

Tap-A-Line Mfg. Co.

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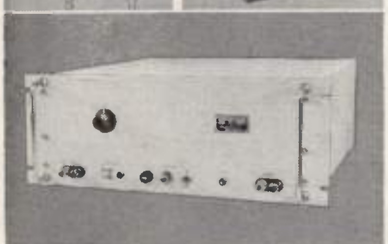
IS FAST MAKING RIXON
A LEADER IN ELECTRONIC DATA
COMMUNICATIONS EQUIPMENT

PROVEN PERFORMANCE

SEBIT 24 TRANSMITTER-RECEIVER. For rapid binary information over commercial telephone circuits, fully transistorized: low error rate: high reliability. Data is processed at 600/1200/2400 bits/sec in a nominal 3-kc voice band such as a long distance toll circuit.
Data passage; 3000 w/m teleprinters; machines and computers; slow scan TV; facsimile; time division multiplexers; and sequential telemetering equipment. Standard rack mounting.

DELAY EQUALIZERS . . . SERIES EN 766. Continuously variable. Compensates for delay distortion on wireline and other narrow-band media by passing phase distored signals through all-pass networks having delay versus frequency characteristics complimentary to the communications path. Insures rapid delay compensation by simple adjustment . Many models in single or double units available.



SEMI-CONDUCTOR RELAYS operate up to 2500 bits/sec. Form A or C Contacts with open ckt. Voltages up to 300 V. Input/Output isolation provides a variety of connections for neutral or polar operation. Low radiation models available for critical application.

SEMI-CONDUCTOR POWER SUPPLIES. Packaged to your specifications. Extremely high reliability. Reasonable pricing—rapid delivery—based on semi-standard modular packages. Production geared for over 1500 models employing proven design concepts and circuits.

SPECTRUM TRANSLATOR. Accommodates the translation of an input audio frequency baseband of zero to 60-kc through an output spectrum window from 600 cps to 10-kc with variable frequency positioning and selective channel inversion of the input signal. Provides spectrum processing for real time spectrum analysis equipment or other applications. Desired accurate frequency translation measurements may be made by use of auxiliary frequency counter. Standard rack mounting.

BAND SHIFT MODULATOR. For frequency spectrum analysis. Combines active filtering and frequency translation to extract spectrum segments and down-translate for further processing by secondary analyzer equipment. Rejects undesired frequencies. 35 to 150 cps wide segments can be examined simultaneously over 5-kc band using this 35 channel system. A single channel of this unit extracts and down-translates any segment of the spectrum.

DEVELOPMENT ENGINEERING. A wide variety of transistor and other circuit design applications for data processing equipment, instrumentation, high speed switching, signaling relays, and power supplies.

SUBCONTRACT PRODUCTION. Electronic assemblies ranging from miniature modules to high power transmitters. Complete model shop, assembly, potting and core winding facilities avaliable. High quality control standards.

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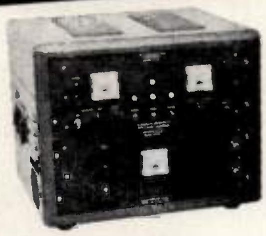
microwave instrumentation



Low noise TWT Amplifiers

- *Noise figures as low as 4.5 DB*
- *Frequency coverage 0.5 to 18.0 KMC*
- *Remote operation*

Ideal as antenna and low noise receiver pre-amplifiers. MPE Low Noise Amplifiers are designed for ease in system integration. TWT, solenoid and solenoid supply can be located up to 100 feet from the electrode supply. Remote control permits complete operation from electrode supply. High regulation, low ripple achieves maximum capabilities of low noise traveling wave tubes. Write for complete specifications.

Power Leveling Systems

- *Constant output power*
- *Sweep frequencies of 0.01 to 100 CPS*
- *Six models cover 0.5 to 18.0 KMC*

The Microwave Power Leveling Systems find wide applications in the testing and development of microwave components and systems where a constant power, sweeping signal source is required. The system may also be used as a CW signal source. Provisions for amplitude, pulse and frequency modulation are included. Sweep speeds permit display on oscilloscope or recorder. Write for further details.

Special applications for TWT's

Although MPE offers the most complete line of TWT Amplifiers available, we have delivered many TWT Amplifiers and Electronically Swept Oscillators for special applications. Quotations for specific requirements will be prepared by our technical staff. MPE also supplies solenoids for all TWT's and BWO's. Write for complete catalog or send us your requirements.

Electronically Swept Oscillators

0.5 to 18.0 KMC

- *Speed frequency response measurements on wideband microwave systems*
- *Reflectometer measurements*
- *Broadband antenna development*
- *ECM equipment design*
- *Modulated or CW signal source*

Direct reading of frequency and sweep width provide simplicity of operation in these wideband swept oscillators. Each model is a complete, self-contained unit capable of amplitude, pulse and frequency modulation. Six models provide complete coverage, 0.5 to 18.0 kmc. Sweep speeds continuously adjustable from 0.01 to 100 cps for display on oscilloscope or recorder. Single frequency (CW) operation also provided. Request Data Sheet for more details.

TWT Amplifiers

- *Broadband* (approximately octave bandwidths)
- *Full coverage* 0.25 to 18.0 kmc
- *Standard amplifiers provide up to 10 watts output*

MPE Broadband TWT Amplifiers provide wide bandwidth, high gain amplifier for laboratory use or system applications. Output power levels of 10mw, 1 watt and 10 watts are standard over most of the 0.25 to 18.0 kmc frequency range. Intermediate or higher powers are available in many frequency ranges. PM focused amplifiers are available where size, weight and power consumption are critical. Standard line includes amplifiers especially designed for pulse operation. Most amplifiers provide for grid modulation. 10 mw amplifiers provide for helix serrodyne modulation. Write for details.

M P E

Engineering representatives in principal cities.

See listings in directory section.

MENLO PARK ENGINEERING

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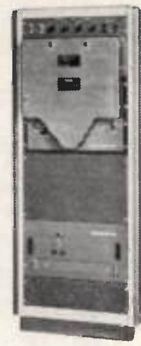
BARNES

TEST INSTRUMENTS for COMPONENTS

AUTOMATIC CAPACITOR TEST SETS



These instruments, with fully automatic null balancing and range switching, offer a speed advantage of 4 to 1 over manual balancing. Even non-technical help can make quick, accurate measurements. Visual, digital readout eliminates balancing and readout of vernier dials by operator and insures correct reading. Standard lab type capacitance bridges are used and the accuracy of the automatic set is the same as the basic bridge. Units are available for use with digital readout systems and adjustable tolerance limits can be provided for classification of components.

TYPE 15. BASIC BRIDGE: General Radio Type 716C. CAPACITANCE RANGE: 100 $\mu\mu f$ to 1.1 μf. DISSIPATION FACTOR RANGE: 0 to 21%. TEST FREQUENCY: 1000 cps. DIRECT OR SUBSTITUTION MEASUREMENT.

TYPE 61. BASIC BRIDGE: General Radio Type 1611B. CAPACITANCE RANGE: 0.1 μf to 11,000 μf. DISSIPATION FACTOR RANGE: 0 to 60%. TEST FREQUENCY: 120 cps.

TYPE 63. BASIC BRIDGE: Boonton Electronics 75A. TEST FREQUENCY: 1 megacycle. CAPACITANCE RANGE: .01 $\mu\mu f$ to 1000 $\mu\mu f$. CONDUCTANCE RANGE: .1 to 1000 μmhos.

DIGITAL DEVIATION BRIDGE

A servo driven "Null Balance" Bridge for comparing resistance of a sample resistor to a standard resistor of the same nominal value. Indicates deviation of sample from standard in percent of nominal value and is used for sorting, inspection, and matching of resistors, potentiometer linearity checking and resistor adjusting. Deviation indication is given by pointer on front of instrument and by an analog digital commutator for printout, recording or digital comparison. Can be used with a relay output system for automatic sorting and binning and will achieve production rates of 3000 pieces per hour or more.

SPECIFICATIONS. RANGE: Standard ± 2% and ± 20%. MEASUREMENT RANGE: 10 ohms to 30 megohms. ACCURACY: ± 0.5% of scale. POWER SUPPLY: Self-contained for D.C. bridge voltage 1—100 V. D.C.

SORTING MECHANISMS

BARNES Sorting and Test Systems are designed to handle, test and sort all types of electronic components, including axial lead, radial lead and disc types. Equipment is available for Resistors, Capacitors and Diodes. Sorting into 2 to 8 categories can be provided. Units can be furnished for semi-automatic and fully automatic operation and also for testing taped components. Speeds to 5000 pieces per hour are achieved depending on the handling method and number of categories. We can supply fully automatic models for sorting resistor blanks into 10 equiproportional categories at rates to 4000 pieces per hour.

TEST SOCKETS

Available in over 200 standard types and configurations for plug-in testing of solder-terminal components and hermetic seal headers. They are made for a wide variety of relays, switches, transformers, circuit modules, crystal-can components, etc. Sockets are available for all types of solder-terminals including solder hook, flattened and pierced, straight pins, turrets, etc.

SPECIAL FEATURES. 1. Long life—200,000 or more insertions. 2. Socket bodies in flexible materials for bench testing, high temperature materials or Teflon FEP for environmental tests. 3. Reliable, low-resistance connections—beryllium copper contacts, nickel and hard gold plated for long wear. Contact resistance less than .005 ohms per contact. 4. Will not damage components—floating contacts allow for minor irregularities, headers cannot be inserted improperly. 5. Dual, mutually insulated contacts give separate voltage and current terminals for contact resistance measurements and dry circuit testing. 6. Single contact sockets available for economy. 7. All sockets are easily repairable.

Write, wire or phone for further information, prices and delivery.

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BARNES DEVELOPMENT COMPANY

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METERS

You can SEE and READ by Hoyt

New Series 1025-1026 Interchangeable with Round Bakelite Case Type

Brilliantly new in their high visibility polystyrene cases are these modern type Meters by HOYT which give a true reading at a glance! Here longer scale length and the elimination of shadows plus clean design add up to a top-notch combination to incorporate in any panel.

The Famous HOYT high torque movement with precise and rugged craftsmanship gives you what you've been looking for in Meters. These models are directly interchangeable with all round Bakelite meters, and are available in all AC and DC ranges as Ammeters, Milliammeters, Microammeters, Voltmeters and Millivoltmeters. Similar styles #1037 3½" and #1060 6" meters are also available for any modern panel meter application.

The HOYT square plastic case series (#649 and #653 shown) is available in 2½", 3½" and 4½" types. Just right for use where equipment needs to be revised to meet modern design requirements. These instruments are interchangeable with square Bakelite meters and can be supplied with a frosted or colored band on the case front in any AC and DC range. Extra long scales in shadow free cases give you the most value and quality for your money.

Write us for the NEW HOYT PANEL METER Brochure showing a complete line of plastic and Bakelite models.

Hoyt SINCE 1904 ELECTRICAL INSTRUMENTS

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Sales Division, Dept. E-7

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TOP HAT

1N440 THRU 1N444A	1N547 1N560 1N561 1N599 THRU 1N614A	1N1169 1N1169A 1N1217 THRU 1N1226	1N1644 THRU 1N1653
1N530 THRU 1N535	1N1095	1N1486 THRU 1N1492	1N1692 THRU 1N1695
1N536	1N1096	1N1556 THRU 1N1560	1N1763
1N537	1N1100 THRU 1N1105		1N1764
1N538			1N2080 THRU 1N2086
1N539			
1N540			

STUD

1N253 THRU 1N256	1N550 THRU 1N555	1N1115 THRU 1N1128	1N1227 THRU 1N1236
1N332 THRU 1N349	1N608 THRU 1N614A	1N1537 THRU 1N1544	1N2512 THRU 1N2517

INSULATED STUD

1N2217 THRU 1N2293A　　1N2518 THRU 1N2556

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Solid State Electronics for **TELECOMMUNICATIONS**

New TRANSISTORIZED TELEPRINTER REPEATERS

DIAMOND-TREPAC

For High Speed Data & Teletype Transmission

Incorporating Solid State Relay 530C, these new repeaters offer greatly simplified, maintenance-free, operation over lines with heavy AC interference, high leakage and large amounts of characteristic distortion. Units are non-critical as to location in telegraph loop. Repeated signal is clear and consistent. Five complete units mount in standard 19" relay rack.

OPERATES ON SELF POWER DURING POWER FAILURES

MODEL 530-C

TELEPRINTER RELAY

Featuring built-in reliability and ruggedness, these units have long maintenance-free life. Proved by over three years use in field by major communications companies. Will operate both old and new type teletypewriters and eliminates line relays, spark suppressors and rectifiers. Easily mounts within teleprinter housing.

AUTOMATIC TELEPRINTER MOTOR CONTROL

Provides automatic control, of the sending and receiving teleprinter drive motors. Reduces wear and maintenance on motor and clutch mechanical assemblies—generates no heat - 90% saving in size and weight. Easily mounts in teleprinter without modification. No special starting or stopping signals required. Operates from 20 to 60 mil neutral or polar signal.

MODEL 550

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ABRAMS!
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DO YOU HAVE A COOLING PROBLEM

Look into Ripley's complete line of Motor-Blower Assemblies . . . stocked from 4 to 150 CFM

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CUT WINDING COSTS
automatically

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WITH THE MOST COMPLETE LINE OF AUTOMATIC COIL WINDING EQUIPMENT EVER OFFERED TO THE ELECTRICAL/ELECTRONICS INDUSTRIES

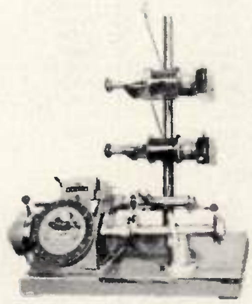
TWO EXAMPLES FROM THE **MICAFIL** LINE

Type OFA series of coil winders

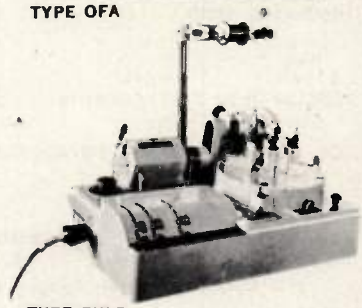
- Stepless adjustable traverse feed — no cams — no change gears — just DIAL your wire size even while machine is running.
- Wire feed ranges in 5 groups from #56 up to #9 AWG
- Winding speeds up to 18,000 rpm
- Accurate micrometer adjustment of layer width — no cams.
- Constant-distance wire guide, adjusts automatically to increasing coil diameter.
- The MICAFIL Building Block System—buy what you need—nothing more—add other functional attachments later on.
- Single and multiple winding.
- Automatic paper interleaving attachments.
- World-renowned Swiss workmanship.
- Installed and serviced by factory-trained engineers.

Type RW-P Toroidal Winding Machine for automatic winding of precision potentiometers.

- Smallest wire size to be wound —.0004 inches.
- Automatic winding for sectors up to 300° or 360° continuous.
- Core feed is adjustable from .00004 inches to .024 inches per turn.
- Adjustable wire tension.
- World-renowned Swiss workmanship.
- Installed & serviced by factory-trained engineers.



TYPE OFA



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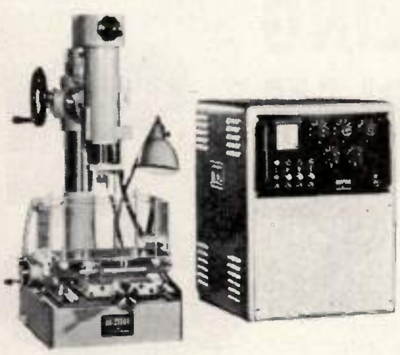
ACCURATE SPARK EROSION
to incredibly FINE SPECIFICATIONS

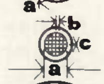
REPRODUCTION ACCURACY .0001"



Does machining Molybdenum, Beryllium, Tungsten Carbide create a problem for you? Spark erosion, the new machining principle of untold versatility, is the solution. AGIETRON, a pioneer and leader in modern spark erosion, has the machine for it. Dies, fine and complicated tube grids, delicate tools, or similar parts, which heretofore could barely be machined, can now successfully be done on the AGIETRON with highest accuracy.

AGIETRON is available in various sizes from .5 KW to 12 KW — built upon the "Building Block" principle.

EXTRUSION DIE
Material: Stainless steel .040" thick
Slot: a—.002"; b—.120"



ELECTRONIC TUBE GRID
Material: Copper .012" thick
Grid: a—.250"; b—.008"; c—.001"

COMPOUND MICA DIE
Material: Tungsten Carbide 1" O.D. .120" thick
Accuracy for shape & position ±.0001"

1014

Dependability at amazingly low cost—Now you can afford the world's most popular ultrasonic cleaner

DISONTEGRATOR® ULTRASONIC CLEANER

The fastest, highest quality method of soil disintegration

IMPROVES PRODUCT RELIABILITY AND APPEARANCE
SAVES TIME, LABOR, CHEMICALS • OPERATES UNATTENDED

THOUSANDS IN USE — Electronics, Precision instrument, Military agencies, Aircraft, Missile, Automotive Communications, Business Machines and Industrial Maintenance and Manufacturing; Scientific and Industrial Laboratories; Optical Industry; Horological Manufacturing and Repair Service.

DISONTEGRATOR® THE LOWEST PRICED ULTRASONIC CLEANER SOLD ANYWHERE

Only Ultrasonic Industries offers all these features:

- Free 5 day trial. Refund (less shipping) if not satisfied
- Choice of 7 beautiful colors: Ivory, Wheat Yellow, Turquoise, Desert Sand, Pale Green, Soft Grey and Coral Pink
- Free 5 year service contract
- Free 32 page illustrated User's Reference Guide
- Immediate delivery from stock

Compare these low prices with competitive models.

System 40

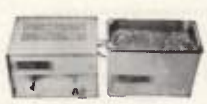
$99.95
TYPICAL COMPETITIVE PRICE RANGE $187.50-350

Generator: Model G-40C1H 80 watt average, 320 watt peak power output, 110V-60c input.
Tanks: Model T-40C1 full 1/2 gal. stainless steel tank, 5¾"L x 5¼"W x 4"D.
Extra Tanks: Model T-40C1: $49.95 ea. Model T-40C2 (5/8 gal.) 5¾" L x 5¼" W x 6" D.: $59.95 ea.
Junction Box: Model TSJB-3 (for alternate operation of 2 or 3 T-40C1 or T-40C2 tanks): $15.95.

System 80

$219.95
TYPICAL COMPETITIVE PRICE RANGE $340-597

Generator: Model G-80C1 120 watt average, 480 watt peak power output 110V-50/60c input.
Tank: Model T-80C1 full 1½ gal. stainless steel tank 12" L x 6" W x 6" D.
Extra Tanks: Model T-80C1: $89.95 ea. Model T-80C2 (2 gal.) 12" L x 6" W x 9" D.: $179.95 ea.
Junction Box: Model TSJB-3, (for alternate operation of 2 or 3 T-80C1 or T-80C2 tanks): $15.95. Model JB-3 (for simultaneous operation of 2 or 3 T-40C1 or T40C2 tanks): $12.95.



System 320

$499.95
TYPICAL COMPETITIVE PRICE RANGE $675-1040

Generator: Model G-320C1 320 watt average, 1280 watt peak power output, 110V-50/60c input.
Tank: Model T-320C1 full 5 gal. stainless steel tank, 14" L x 10" W x 9" D.
Extra Tanks: Model T-320C1: $199.95 ea. Model T-320C2 (7 gal.) 14" L x 10" W x 12" D.: $299.95 ea.
Junction Box: Model TSJB-3 (for alternate operation of 2 or 3 T-320C1 or T-320C2 tanks); $15.95.

System 520

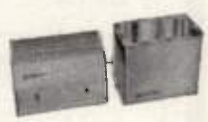
$999.95
TYPICAL COMPETITIVE PRICE RANGE $1325-1750

Generator: Model G-520C1 520 watt average, 2080 watt peak power output, 110V-50/60c input.
Tank: Model T-520C1 full 13 gal. stainless steel tank 20" L x 16" W x 10" D.
Extra Tanks: Model T-520C1: $399.95 ea. Model T-520C2 (12 gal.) 40" L x 5" W x 10" D.: $599.95 ea.
Junction Box: Model TSJB-3 (for alternate operation of 2 or 3 T-520C1 or T-520C2 tanks): $15.95.

System 1040

$1999.95
TYPICAL COMPETITIVE PRICE RANGE $2275-2500

Generator: Model G-1040C2 1040 watt average, 4160 watt peak power output, 220V-50/60c, 1ϕ input.
Tank: Model T-1040C1 full 30 gal. stainless steel tank 24" L x 18" W x 16" D.
Extra Tanks: Model T-1040C1: $799.95 ea. Model T-1040C2 (33 gal.) 48" L x 10" W x 16" D.: $999.95 ea.
Junction Box: Model TSJB-3 (for alternate operation of 2 or 3 T-1040C1 or T-1040C2 tanks): $15.95.



System 2080

$3999.95
TYPICAL COMPETITIVE PRICE RANGE $4450-4900

Generator: Model G-2080C2 2080 watt average, 8320 watt peak power output, 220V-50/60c. 1ϕ input.
Tank: Model T-2080C1 full 80 gal. stainless steel tank 52" L x 20" W x 18" D.
Extra Tanks: Model T-2080C1: $1750 ea.
Junction Box: Model TSJB-3 (for alternate operation of 2 or 3 T-2080C1 tanks): $15.95.

Prices quoted are F.O.B. Plainview, L.I., N.Y.

Larger models, accessories, custom design and engineering services, rentals, available on request.

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or order direct from factory, Dept. EBG-61
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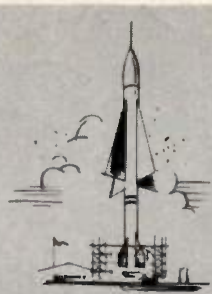
TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

SAGE POWER RESISTORS

offer this unequaled combination of **PLUS** *features:*

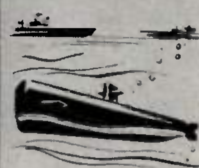


precision to ±.05%
range .05 Ω to ¼ Meg. Ω
miniature size

STABILITY

- cycling and temperature exposure −55°C to +350°C
- moisture and temperature cycling; typical change .1% or less
- overload, 5 to 10 times wattage depending on style
- vibration to 2000 cps plus 50G shock with normal lead mounting
- 1000 hour load life; change .5% or less (still lower with appropriate derating)

T.C. zero ±20 ppm/°C
Insulation 1000 volt rms
non-inductive windings available



these PLUS values mean trouble-free performance and long life reliability in your equipment.

Sage Electronics alone enjoys a position of product leadership in this field based on:

- 12 years specialized experience in miniature power resistors.
- exclusive use of high stability precision wire.
- introduction of newly developed Impervohm® coating, which offers superior protection in all combinations of moisture, temperature and voltage. Impervohm® also is highly resistant to ultrasonic solvent wash.

SPECIFY THESE SAGE SILICOHM® RESISTORS

TYPE "CS" CLIPPER METAL SHEATHED RESISTORS

Similar in all respects to Type "S", fully insulated plus addition of metal sleeve for heat sink mounting in spring clip holders.

Style	Rating Watts
	full heat sink rating
CS3W	6
CSR5W	10
CSS7W	14
CSR7W	16
CS10W	20

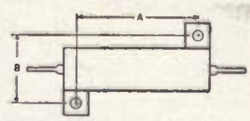
TYPE "S" IMPERVOHM® COATED POWER RESISTORS

Meet or exceed MIL-R-26C requirements.

Style	Rating Watts	Body Length	Body Diameter	Resistance Range, Ohms*
S1W	1	.406	.094	.5 — 10,000 (1800)
SA1W	1	.500	.125	.5 — 15,000 (3300)
SB1W	1	.687	.125	.5 — 24,000 (5300)
SA2W	2	.500	.187	.5 — 18,000 (3900)
SB2W	2	.812	.187	.5 — 33,000 (7500)
S2W	3	.625	.250	.5 — 25,000 (5500)
S3W	3	.750	.250	.5 — 35,000 (8000)
SS5W	5	.875	.312	.1 — 60,000 (13,500)
SR5W	5	1.000	.312	.1 — 75,000 (17,000)
SS7W	7	1.250	.312	.1 — 100,000 (22,000)
SR7W	8	1.375	.375	.05 — 140,000 (32,000)
SS10W	10	1.812	.375	.05 — 200,000 (43,000)
S10W	10	1.937	.375	.05 — 250,000 (49,000)

TYPE "M" METAL CLAD CHASSIS MOUNT RESISTORS

Aluminum housed resistors for heat sink mounting. SAGE Type "M" units feature less temperature rise than other similar resistors. Lower hot spot means longer service life and exceptional stability.



Meet or exceed requirements of MIL-R-18546 and MIL-R-8781 (USAF). Dielectric strength to 2500 volts rms.

Style	Rating Watts	Resistance Range, Ohms*	A	B
M10W	14	.5 — 35,000 (5500)	.562	.625
M25W	25	.1 — 60,000 (13,500)	.719	.781
M50W	50	.05 — 200,000 (43,000)	1.562	.844

NOTE: All dimensions are inches nominal.

*Parenthetical figures show maximum values for .001 diameter wire.

Complete specifications available on request.

SAGE

SAGE ELECTRONICS CORPORATION
COUNTRY CLUB ROAD • EAST ROCHESTER, N. Y.

® USG UNITED STATES GAUGE

SYNCHRO INDICATORS & PRESSURE TRANSMITTERS

Synchro instruments for aircraft and ground support applications to meet your specific needs are available from U. S. Gauge. The following tables comprise a partial list of standard production items. If your current requirement is not listed, consult us about it. We can probably meet your exact specifications with only minor modifications of a standard production item.

SYNCHRO INDICATORS

U. S. Gauge synchro indicators are available in a wide variety of sizes and dial configurations, with O-ring or hermetic sealing, single or dual pointer presentation, and in either a simple repeater or servo design. Integral lighting to military specifications can be provided on all types. In addition, U. S. Gauge manufactures a wide range of synchro test equipment with either digital or pointer presentation. Complete information on U. S. Gauge synchro test equipment is available on request.

SYNCHRO INDICATOR 2" DIAL O-RING SEAL

Part No.	Range	Scale Arc	Electrical Zero	Dial Legend	Finish MW=Matte White RM=Range Marks	Electrical Connector
SR-03R	−5 to 50 psi	320°	22.5	FUEL PRESS	MW	MS-33678-14S-5P
SR-03S	0—100 psi	320°	50	FUEL PRESS	MW	MS-33678-14S-5P
SR-04B	0—200 psi	320°	100	ENG OIL PRESS	MW/RM	MS-33678-14S-5P
SR-04C	0—100 psi	320°	50	OIL PRESS	MW/RM	MS-33678-14S-5P
SR-04E	0—100 psi	320°	50	OIL PRESS	MW	MS-33678-14S-5P
SR-04F	0—200 psi	320°	100	ENG. OIL PRESS	MW/RM	MS-33678-14S-5P
SR-04G	0—100 psi	320°	50	OIL PRESS	MW/RM	MS-33678-14S-5P
SR-05A	0—200 psi	320°	100	BLEED AIR PRESS	MW	MS-33678-14S-5P
SR-07A	0—4000 psi	320°	2000	HYD PRESS	MW	MS-33678-14S-5P
SR-07B	0—4000 psi	320°	2000	HYD PRESS	MW/RM	MS-33678-14S-5P
SR-07D	0—4000 psi	320°	2000	BRAKE HYD PRESS	MW/RM	MS-33678-14S-5P
SR-07E	0—4000 psi	320°	2000	BRAKE HYD PRESS	MW/RM	MS-33678-14S-5P
SR-07F	0—4000 psi	320°	2000	HYD PRESS	MW/RM	MS-33678-14S-5P
SR-07G	0—4000 psi	320°	2000	HYD PRESS	MW/RM	MS-33678-14S-5P
SR-07J	0—4000 psi	320°	2000	RUD HYD PRESS	MW/RM	MS-33678-14S-5P
SR-09C	0—4000 psi	320°	2000	ENG START AIR PRESS	MW	MS-33678-14S-5P
SR-09D	0—100 psi	320°	50	AIR SUPPLY DUCT PRESS	MW	MS-33678-14S-5P
SR-012B	−3° to 15°	185.1°	6	LONG. TRIM	MW	MS-33678-14S-5P
SR-012C	−2° to 14°	180°	6	LONG. TRIM	MW/RM	MS-33678-14S-5P
SR-015A	1.0—1.5 PR	325°	1.2	PRESSURE RATIO	MW	MS-33678-16S-8P
SR-015D	1.0—2.2 PR	330°	1.78	PRESSURE RATIO	MW	MS-33678-16S-8P
SR-015F	1.0—2.5 PR	330°	1.75	PRESSURE RATIO	MW	MS-33678-16S-8P
SR-015G	1.2—2.0 PR	320°	1.6	PRESSURE RATIO	MW	MS-33678-14S-5P
SR-027A	0—2500 psi	320°	1250	OXY PRESS	MW	MS-33678-14S-5P

SYNCHRO INDICATOR 2" DIAL HERMETICALLY SEALED

Part No.	Range	Scale Arc	Electrical Zero	Dial Legend	Finish MW=Matte White RM=Range Marks	Electrical Connector
SR-2A	0—350 psi	320°	175	TORQUE PRESS [Type A-10]	MIL-L-25142	MS-33678-14S-2P
SR-3A	0—1000 psi	320°	500	FUEL PRESS [MS-28010-4]	MIL-L-25142	MS-33678-14S-2P
SR-3C	0—600 psi	320°	200	FUEL PRESS [MS-28010-7]	MIL-L-25142	MS-33678-14S-2P
SR-3J	0—50 psi	320°	25	FUEL CROSS FEED	MW	MS-33678-14S-2P
SR-4A	0—100 psi	320°	50	OIL PRESS. [MS-28010-2]	MIL-L-25142	MS-33678-14S-2P
SR-4B	0—200 psi	320°	100	OIL PRESS. [MS-28010-3]	MIL-L-25142	MS-33678-14S-2P
SR-4J	0—100%	180°	25	OIL COOLER FLAP POS	MW	MS-33678-14S-2P
SR-4K	0—100 psi	320°	50	ENGINE OIL	MW/RM	MS-33678-14S-2P
SR-4M	0—300 psi	320°	150	RED. GEAR OIL	MW/RM	MS-33678-14S-2P
SR-4U	0—100%	270°	0	WING FLAPS % DOWN	MW	MS-33678-14S-2P
SR-4W	0—100%	270°	0	WING FLAPS % DOWN	MW	MS-33678-14S-2P
SR-4AC	0—100 psi	320°	50	OIL PRESS.	MIL-L-25142	MS-33678-14S-2P
SR-5A	10—75" Hg	345°	42.5	MAN [MS-28010-6]	MIL-L-25142	MS-33678-14S-2P
SR-5E	0—200 psi	320°	78	BLEED MANIFOLD PRESS	MW	DM-5600-7P
SR-5F	15—120 psia	320°	67.5	FREON CONDENSER PRESS	MW/RM	DM-5600-7P
SR-5G	0—30 psia	320°	15	FREON PRESS	MW	DM-5600-7P
SR-6A	0—50 psi	320°	25	FUEL, WATER, OIL OR TORQUE PRESS [MS-28010-1]	MIL-L-25142	MS-33678-14S-2P
SR-6M	0—100 psi	320°	50	PRESS	MIL-L-25142	MS-33678-14S-2P
SR-7A	0—4000 psi	320°	2000	HYD. PRESS. [MS-28010-5]	MIL-L-25142	MS-33678-14S-2P
SR-7Y	0—4000 psi	320°	2000	HYD. PRESS.	MIL-L-25142	MS-33678-14S-2P
SR-15D	1.2—3.4 PR	319°	2.3	P. R.	MW	MS-33678-14S-2P
SR-18B	Open-Closed	70°	Closed	FREON CONDENSER INLET DOOR	MW	DM-5600-7P
SR-18C	Closed-Open	64°	Closed	FREON CONDENSER EXIT DOOR	MW	DM-5600-7P

SYNCHRO INDICATOR INTEGRALLY LIGHTED 2" DIAL O-RING SEAL

Part No.	Range	Scale Arc	Electrical Zero	Dial Legend	Finish MW=Matte White RM=Range Marks	Electrical Connector
SRL-03A	−5 to 50 psi	320°	22.5	FUEL PRESS (Red Light)	MW	DM-9606-7P
SRL-03C	−5 to 50 psi	320°	22.5	FUEL PRESS (White Light)	MW	DM-9606-7P
SRL-04C	0—100 psi	320°	50	OIL PRESS (Red)	MW	MS-33678-16S-1P
SRL-04D	0—100 psi	320°	50	OIL PRESS (White)	MW	DM-9606-7PB
SRL-07A	0—4000 psi	320°	2000	HYD SYS PRESS (Red)	MW	DM-9606-7PC
SRL-07B	0—4000 psi	320°	2000	AIR BRAKE PRESS (Red)	MW	DM-9606-7P
SRL-07E	0—4000 psi	320°	2000	HYD BRAKE PRESS (Red)	MW/RM	MS-33678-16S-1P
SRL-07F	0—4000 psi	320°	2000	HYD SYS PRESS (Red)	MW/RM	MS-33678-16S-1P
SRL-07K	0—4000 psi	320°	2000	HYD SYS PRESS (Red)	MW/RM	DM-9606-7P
SRL-07S	0—4000 psi	320°	2000	SPOILER HYD PRESS (Red)	MW	DM-9606-7PY
SRL-07T	0—4000 psi	320°	2000	RUD HYD PRESS (Red)	MW/RM	MS-33678-16S-1P
SRL-07U	0—2500 psi	320°	1250	HYD BRAKE PRESS (Red)	MW	DM-9606-7PB
SRL-07Y	0—500 K	300°	377	KNOTS (Red)	MW	DM-9606-7PB
SRL-07Z	0—4000 psi	320°	2000	HYD SYS PRESS (White)	MW/RM	MS-33678-16S-1P
SRL-07AB	0—4000 psi	320°	2000	HYD BRAKE PRESS (White)	MW/RM	MS-33678-16S-1P
SRL-07AC	0—4000 psi	320°	2000	HYD BRAKE PRESS (White)	MW/RM	MS-33678-16S-1P
SRL-012B	−3° to +15°	185.1°	6°	LONG. TRIM (Red)	MW	DM-9606-7P
SRL-012C	−2° to +14°	180°	6°	LONG. TRIM (Red)	MW/RM	DM-9606-7P
SRL-015G	1.2 to 2.2 PR	330°	1.7	PRESSURE RATIO (Red)	MW	DM-9606-7P

See other side for more synchro indicators plus complete list of pressure transmitters.

SYNCHRO INDICATOR
DUAL POINTER
2″ DIAL
HERMETICALLY SEALED

Part No.	Range	Scale Arc	Electrical Zero	Dial Legend	Finish MW=Matte White RM=Range Marks	Electrical Connector
SRD-2A	0—500 psi	320°	250	TORQUE PRESS	MW	MS-33678-16S-1P
SRD-3F	0—1000 psi	320°	500	FUEL PRESS	MIL-L-25142	MS-33678-16S-1P
SRD-4B	0—500 psi	320°	250	OIL PRESS/ENGINE-GEAR	MIL-L-25142	MS-33678-16S-1P
SRD-4H	0—100 psi	320°	50	ENG OIL PRESS	MIL-L-25142	MS-33678-16S-1P
SRD-6E	0—360°	360°	0	(No legend)	MW	MS-33678-16S-1P
SRD-7E	0—4000 psi	320°	2000	STARTER AIR	MW	DM-5600-7P
SRD-7J	0—4000 psi	320°	2000	BRAKE PRESSURE	MW	MS-33678-16S-1P
SRD-7K	0—4000 psi	320°	2000	HYDRAULIC PRESSURE	MW	MS-33678-16S-1P
SRD-7R	0—4000 psi	320°	2000	HYD PRESS	MW	MS-33678-16S-1P
SRD-9B	0—85″ Hg Abs.	320°	42.5	COMPRESSOR/INLET-DISCHG	MW	DM-5600-7P
SRD-9C	0—4000 psi	320°	2000	ENG START AIR PRESS	MW	MS-33678-16S-1P
SRD-12D	0—50°	179.4°	0	FLAPS DEGREES	MW	MS-33678-16S-1P
SRDS-15A	1.2—3.4 PR	270°	2.25	P. R. [Type MB-2]	MIL-L-25142	MS-33678-20S-7P
SRDS-15C	1.2—3.4 PR	282.3°	2.25	PRESSURE RATIO	MIL-L-25142	MS-33678-20S-7P

PRESSURE TRANSMITTERS

U. S. Gauge manufactures a complete line of pressure transmitters with 26-volt, 400-cps output. Available in a wide variety of ranges, all units are hermetically sealed, and are designed for accurate measurement under extreme environmental conditions. In addition U. S. Gauge offers a complete line of pressure transducers with potentiometer output.

	Part No.	Range	Scale Arc	Electrical Zero	Application and Military Type	Electrical Connector
ABSOLUTE PRESSURE TRANSMITTER Balanced Diaphragm Construction Pressure Port: AND 10050-4	ST-5A	10—75″ Hg	345°	42.5	Manifold Pressure (Type L-1)	MS-33678-14S-2P
	ST-5B	10—85″ Hg	270°	47.5	Manifold Pressure (Type L-3)	MS-33678-14S-2P
	ST-5G1	15—120 psi	320°	67.5	Freon Condenser	MS-33678-14S-2P
	ST-5H1	0—30 psi	320°	15	Freon Condenser	MS-33678-14S-2P
	ST-109C	0—85″ Hg	320°	42.5	Cabin Air Compressor	MS-33678-14S-2P
LOW PRESSURE TRANSMITTER Balanced Diaphragm Construction Pressure Port: AND 10050-4 Vent Port: AND 10050-4	ST-3G	0—50 psi	320°	25	Fuel Crossfeed Manifold	MS-33678-14S-2P
	ST-3H	—5 to 50 psi	320°	22.5	Fuel Pressure	MS-33678-14S-2P
	ST-6C	0—50 psi	320°	25	Multi-Purpose (MS-28005-1)	MS-33678-14S-2P
	ST-6E	0—50 psi	320°	25	Hydraulic Pressure	MS-33678-14S-2P
	ST-9F	0—100 psi	320°	50	Air Pressure	MS-33678-14S-5P
	ST-55A	0—50 psi	165°	52.3	Multi-Purpose (MIL-T-5483)	MS-33678-14S-2P
	ST-103B	—5 to 50 psi	320°	42.5	Fuel Pressure	DM-5600-7P
	ST-104D	0—100 psi	320°	50	Engine Oil Pressure	MS-33678-14S-2P
	ST-104F	0—100 psi	320°	50	Oil Pressure	DM-5600-7P
	ST-104P	0—70 psi	350°	35	Oil Pressure	UDS-6-50N-302
INTERMEDIATE PRESSURE TRANSMITTER Balanced Bourdon Tube Construction Pressure Port: AND 10050-4 Vent Port: AND 10050-4	ST-2J	60—325 BMEP	320°	192.5	Engine Torque (BMEP = P x 1.662)	MS-33678-14S-2P
	ST-2L	60—325 BMEP	320°	192.5	Engine Torque (BMEP = P x 1.174)	MS-33678-14S-2P
	ST-3J	0—100 psi	320°	50	Oil Pressure	MS-33678-14S-5P
	ST-4H	0—200 psi	320°	100	Oil Pressure (MS-28005-3)	MS-33678-14S-2P
	ST-4J	0—100 psi	320°	50	Oil Pressure (MS-28005-2)	MS-33678-14S-2P
	ST-4N	0—100 psi	320°	50	Oil Pressure	MS-33678-14S-5P
	ST-4T	0—300 psi	320°	150	Oil Pressure (Type MH-1)	MS-33678-14S-2P
	ST-57A	0—200 psi	165°	209.1	Multi-Purpose (MIL-T-5483)	MS-33678-14S-2P
	ST-62A	0—250 psi	320°	125	Multi-Purpose (MIL-T-7748)	MS-33678-14S-2P
	ST-63A	0—500 psi	320°	250	Multi-Purpose (MIL-T-7748)	MS-33678-14S-2P
	ST-64A	0—100 psi	165°	104.5	Multi-Purpose (MIL-T-5483)	MS-33678-14S-2P
	ST-103F	0—200 psi	320°	100	Fuel Pressure	MS-33678-14S-2P
	ST-104A	0—500 psi	320°	250	Oil Pressure	MS-33678-14S-2P
	ST-104A1	0—250 psi	320°	50	Oil Pressure	MS-33678-14S-2P
	ST-104E	0—300 psi	320°	150	Oil Pressure	MS-33678-14S-2P
	ST-104M	0—200 psi	320°	100	Oil Pressure	MS-33678-14S-2P
	ST-105F	0—200 psi	320°	78	Bleed Air Manifold	MS-33678-14S-2P
	ST-106R	0—250 psi	320°	125	Multi-Purpose (MIL-T-7748A)	MS-33678-14S-2P
HIGH PRESSURE TRANSMITTER Balanced Bourdon Tube Construction Pressure Port: AND 10050-4 Vent Port: AND 10050-4 Case Press Relief: MS 33656-2	ST-3A	0—1000 psi	320°	500	Fuel Pressure (MS-28005-4)	MS-33678-14S-2P
	ST-3B	0—600 psi	320°	200	Fuel Pressure (MS-28005-7)	MS-33678-14S-2P
	ST-58A	0—500 psi	165°	522.7	Multi-Purpose (MIL-T-5483)	MS-33678-14S-2P
	ST-103E	0—1000 psi	320°	500	Fuel Pressure	MS-33678-14S-2P
HIGH PRESSURE TRANSMITTER Single Bourdon Tube Construction Pressure Port: AND 10050-4 Case Press Relief: MS 33656-2	ST-7D	0—4000 psi	320°	2000	Hydraulic Pressure (MS-28005-5)	MS-33678-14S-2P
	ST-7N	0—4000 psi	320°	2000	Hydraulic Pressure	MS-33678-14S-2P
	ST-7R	0—4000 psi	320°	2000	Hydraulic Pressure	MS-33678-14S-5P
	ST-7T	0—4000 psi	320°	2000	Hydraulic and Air Pressure	DM-5600-7P
	ST-7Y	0—2500 psi	320°	1250	Hydraulic (Clamp Mounted)	DM-5600-7P
	ST-27A	0—2500 psi	320°	1250	Oxygen Pressure	MS-33678-14S-5P
	ST-53A	0—2500 psi	320°	1250	Multi-Purpose (MIL-T-7748)	MS-33678-14S-2P
	ST-54A	0—5000 psi	320°	2500	Multi-Purpose (MIL-T-7748)	MS-33678-14S-2P
	ST-59A	0—1000 psi	165°	1046	Multi-Purpose (MIL-T-5483)	MS-33678-14S-2P
	ST-60A	0—2000 psi	165°	2091	Multi-Purpose (MIL-T-5483)	MS-33678-14S-2P
	ST-61A	0—5000 psi	165°	5227	Multi-Purpose (MIL-T-5483)	MS-33678-14S-2P
	ST-106U	0—5000 psi	320°	2500	Multi-Purpose (MIL-T-7748-A)	MS-33678-14S-2P
	ST-107J	0—4000 psi	320°	2000	Hydraulic Pressure	PTIH-8-4P
	ST-107N	0—4000 psi	320°	2000	Hydraulic Pressure	MS-33678-14S-2P
	ST-109D	0—4000 psi	320°	2000	Air Pressure	PTIH-8-4P
	ST-207A	0—4000 psi	320°	2000	Hydraulic Pressure (Type MJ-1)	MS-33678-14S-2P

The engineering staff at U. S. Gauge is available to assist you in fulfilling your particular instrument requirements. For more information about the products listed here, or about other items in the complete U. S. Gauge product line, write to Dept. EBG-61.

HIGH VOLTAGE EQUIPMENT by

All Del products represent the ultimate in quality. Their design and manufacture incorporate only the finest materials and workmanship to assure thoroughly dependable operation in industrial and research applications.

Standard Power Supplies and Transformers are available from stock. Others can be built to your specific requirements with output up to 250 KV and 50 KW.

POWER SUPPLIES

COMPACT HIGH VOLTAGE POWER SERIES

Model No.	Output Voltage	Rated Current	Dimensions	Wt.
2.5-2-1	0-2.5KV	2MA	3" x 2½" x 4½"	3⅜
5-2-1	0-5KV	2MA	3" x 3½" x 4½"	4¼
10-1-1	0-10KV	1.25MA	3" x 3½" x 4⅞"	5½
15-1-1	0-15KV	1.25MA	4¼" x 5⅛" x 5¾"	11¾
20-1-1	0-20KV	1.25MA	4¼" x 5⅛" x 6¾"	14¾
25-1-2	0-25KV	1.25MA	4¾" x 6" x 7¼"	20
30-1-2	0-30KV	1.25MA	5" x 6½" x 7¾"	24¼
40-2-1	0-40KV	2MA	8¼" x 6¼" x 7"	32

These supplies feature reversible polarity, low ripple, shielded polyethylene output cables, selenium rectifiers in an epoxy filled hermetically sealed can. Extremely compact design for mounting on chassis. Input: 115 V—60-400 cycles. High current units also available.

METER MULTIPLIERS

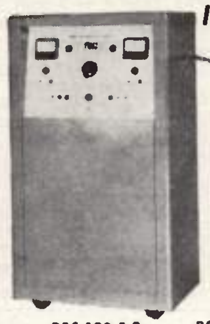
Del Electronic's line of multipliers are designed and built to provide high voltage DC measurements with safety and minimum corona at reasonable cost. Each unit consists of resistors immersed in high grade insulating oil and hermetically sealed grounded case. A neon lamp is permanently connected across the meter terminals for safety. All units are designed for use with 100 ua full scale meter. Can be furnished with panel type 4½" rectangular 100 ua meter (2% accuracy), with KV scale to match.

Type	Maximum Voltage in Kilovolts	Case Dimensions (Max.) W	D	H	Insulator Height
M-5	5	2-5/16"	2-1/16"	2-1/2"	1"
M-10	10	2-5/16"	2-1/16"	2-1/2"	1-3/4"
M-15	15	2-5/16"	2-1/16"	3-1/8"	1-3/4"
M-20	20	2-3/4"	2-1/2"	4"	2-1/2"
M-30	30	4-1/4"	3-1/4"	5-1/2"	3"
M-50	50	4-3/4"	4"	8"	7"
M-100	100	9-1/2"	9-1/2"	9-1/2"	12"
M-150	150	11"	11"	12"	20"
M-250	250	16-1/2"	16-1/2"	22"	28-3/4"

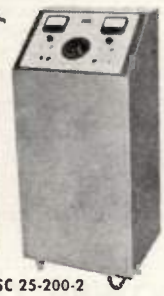
SERIES "O" OIL INSULATED TANK UNITS

These supplies feature reversible polarity, shielded polyethylene output cables, low corona, sealed oil tight, dust free tank, quiet long life operation. Various controls are available. Write for complete details.

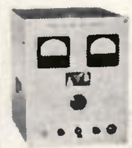
INSTRUMENTED POWER SUPPLIES



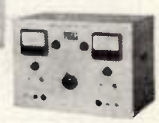
PSC 120-5-2



PSC 25-200-2



PSC 30-3-4



PSC 30-5-1

Model No.	Output	RMS Ripple	Dimensions
PSC 20-5-2	20KV- 5MA	0.5%/MA	9½x11x12"
PSC 20-5-3	20KV- 5MA	0.5%/MA	20x14x12"
PSC 25-200-2	25KV-200MA	4% RMS	24x20½x54"
PSC 30-3-4	30KV- 3MA	0.5%/MA	9½x11x12"
PSC 30-5-1	30KV- 5MA	0.5%/MA	20x14x12"
PSC 30-200-1	30KV-200MA	4% RMS	24x20½x54"
PSC 50-30-1	50KV- 30MA	0.16%/MA	24x20½x54"
PSC 80-10-1	80KV- 10MA	0.2%/MA	33x22x59"
PSC 100-5-1	100KV- 5MA	0.4%/MA	33x22x59"
PSC 100-200-1	100KV-200MA	0.1%	tank 44½x29x51" cabinet 27x27x70"
PSC 120-5-1	120KV- 5MA	0.4%/MA	33x22x59"
PSC 120-10-1	120KV- 10MA	0.4%/MA	33x22x59"
PSC 150-5-1	150KV- 5MA	0.45%/MA	33x22x59"
PSC 150-10-1	150KV- 10MA	0.45%/MA	33x22x59"
PSC 250-1-1	250KV- 1MA	0.6%/MA	tank 40x55x71" cabinet 20x14x12"
PSC 250-3-1	250KV- 3MA	0.6%/MA	tank 40x55x71" cabinet 20x14x12"

These fully instrumented D.C. Power supplies feature unexposed high voltage components. H.V. components immersed in tank filled with high grade insulating oil and large, easy-to-read KV and MA meters mounted on front panel, and many other control features.

REGULATED POWER SUPPLIES

HIGH VOLTAGE

TRANSISTORIZED SERIES TRHV

INPUT: 115 V 60 CYCLES

The TRHV line is the result of a new approach to an old problem. These power supplies are all solid state. Reference and regulating circuitry is accomplished at low voltage. Units are completely self-contained and require only 115V A.C. excitation to be operative. Series TRHV are rugged and feature good line, load and thermal stability. Operating temperature range is —20°C to +55°C. Also available for 400 cps operation.

Model #TRHV	Output Voltage	Max. Current	Size
1R5-1	1 KV	5 MA	4¼ x 3¾ x 5½"
2.5R4-1	2.5 KV	4 MA	4¼ x 3¾ x 5½"
5R2-1	5 KV	2 MA	4¼ x 3¾ x 5½"
7.5R1.5-1	7.5 KV	1.5 MA	4¾ x 4 x 6"
10R1-1	10 KV	1 MA	4¾ x 4 x 6"
10R2-1	10 KV	2 MA	6¾ x 4¼ x 7½"
15R1.5-1	15 KV	1.5 MA	6¾ x 4¼ x 7½"
20R1-1	20 KV	1 MA	7¼ x 4 5/16 x 7½"

LOW VOLTAGE

MODEL SCRT 32V-15A-1A

WIDE RANGE VARIABLE —RV-500 SERIES

INPUT: 105 TO 125 V, 57-63 CPS, 1φ

SCRT TYPE—Silicon Controlled Rectifier and Transistor Regulators

Designed to supply well regulated DC at high current. In wide usage where ripple and fast transient are required. Advantages include firing angle control for minimum dissipation.

MODEL SCRT	OUTPUT VOLTS	AMPS	STATIC REGULATION 105V-125V Line	N.L. to F.L.	RIPPLE
32V-15A-1A	0-32	0-15	1% or 30MV	1% or 30MV	2MV RMS
60V-7.5A-1	0-60	0-7.5	1% or 60MV	1% or 60MV	3MV RMS

SCR TYPE—Silicon Controlled Rectifier Regulator

Designed to supply well regulated DC at high current. In wide usage where ripple and response time characteristics are not too critical. Intended to replace the older, more cumbersome magnetic amplifier types.

MODEL SCR	OUTPUT VOLTS	AMPS.	STATIC REGULATION 105V-125V Line	N.L. to F.L.	RIPPLE
32V-15A-1 0/16	16/32	0-15	5% or 150MV	.5% or 150MV	200MV RMS
60V-7.5A-1 0/30	30/60	0-7.5	5% or 300MV	.5% or 300MV	400MV RMS

DEL ELECTRONICS CORPORATION

521 HOMESTEAD AVE. • MOUNT VERNON, N.Y. • OWENS 9-2000

TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

PRECISION ELECTRONIC EQUIPMENT

PHAZOR

PHASE METER

A PRECISION PHASE MEASURING INSTRUMENT

MODEL 200A

$399.00

NULL METER

A PHASE SENSITIVE NULL DETECTOR

MODEL 100A

$299.00

The operation of these instruments is based upon a newly developed multiplying device. When S and R represent the input and reference signals the meter deflection is equal to

$$\frac{1}{T}\int_0^T S\cdot R\ dt$$

APPLICATIONS: Measures phase shift in transformers, amplifiers, etc. • Readings not affected by noise and harmonics • Measures in-phase or quadrature voltage components • .01 degree can be measured employing special techniques.

SPECIFICATIONS

ACCURACY	±2 degrees
FREQUENCY	20 CPS to 20 KC

APPLICATIONS: A sensitive null meter for use in conjunction with bridge circuits • Simplified and precise zeroing of synchro devices • Nulling wherever null voltages may be complicated by noise and harmonics.

SPECIFICATIONS

SENSITIVITY	6 millivolts off-scale defl.
FREQUENCY	30 CPS—10 KC
SELECTIVITY	40 DB down on all noise and harmonics

OTHER MODELS AVAILABLE

IMPEDANCE COMPARATORS

PRECISE, RELIABLE AND RAPID COMPARISON OF COMPONENTS

MODEL 60

$199.00

MODEL 1010

$329.00

The circuit consists of a bridge, two arms of which are precision resistors matched to .01%. The two remaining arms are the standard and the component under test. Any voltage resulting from bridge unbalance is amplified and fed to a phase discriminator. The percentage deviation is read directly in both sign and magnitude on a meter.

FEATURES: High Accuracy • Overall Voltage Regulation • High Stability • Rapid Response

SPECIFICATIONS (Model 60)

FREQUENCY	60 CPS
FULL SCALE RANGES	±1%, 5%, 10%, 20%
IMPEDANCE LIMITS:	
Resistance	5 ohms to 5 megohms
Capacitance	500 mmfd. to 500 mfd.
Inductance	15 milihy to 10,000 hy

SPECIFICATIONS (Model 1010)

FREQUENCY	Either 1 KC or 10 KC
FULL SCALE RANGES	±5%, 10%, 20%
IMPEDANCE LIMITS:	
Resistance	5 ohms to 5 megohms
Capacitance	50 mmfd. to 10 mfd.
Inductance	100 microhy to 100 hy

OTHER MODELS AVAILABLE

MODEL 1000 — 1000 CPS — ±1%, 5%, 10% — $365.00

PRECISION POWER OSCILLATORS

MODEL 1040

DESCRIPTION: These oscillators employ precision wire wound resistors and mica condensers in the frequency determining networks. The use of liberal inverse feedback plus low temperature coefficient elements have produced a highly stable oscillator. Three impedance taps are provided on the output transformer with the highest tap point capable of delivering 120 volts.

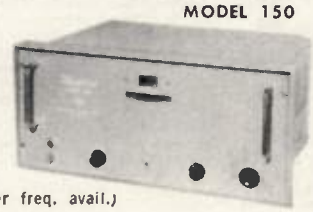
SPECIFICATIONS

FREQUENCY	400 or 1000 CPS (Other Freq. Avail.)
DISTORTION	Less Than 1%
OUTPUT POWER	Three watts

$129.00

Powertron ELECTRONIC GENERATORS

MODEL 150



DESCRIPTION: Model 150 contains an R.C. oscillator stage capable of operation at a fixed or variable frequency. The output power amplifier may be driven either from the internal oscillator or an external source. Inverse feedback provides low distortion and affords excellent regulation for resistive or reactive loads.

SPECIFICATIONS

POWER OUTPUT	160 VA.
FIXED FREQUENCY	400 C.P.S. (other freq. avail.)
VARIABLE FREQUENCY	350-450 C.P.S.
EXTERNAL FREQUENCY	50-4000 C.P.S.

$525.00

OTHER MODELS AVAILABLE

MODEL 1040A — 8 WATTS — $199.00
MODEL 1500 — 15 WATTS — $299.00

MODEL 250—250 VA—$750.00
MODEL 750—750 VA—$1600.00

2Ø AND 3Ø UNITS AVAILABLE

AUTOMATIC HI-POT TESTER

MODEL A

FAST, ACCURATE, DIELECTRIC TESTING FOR MULTI-CONDUCTOR DEVICES

DESCRIPTION: The function of this instrument is to apply a known voltage between the various conductors under test for a specific period of time and to indicate breakdowns when and where they occur. High sensitivity to breakdown is provided by a specially designed relay in series with the high voltage.

SPECIFICATIONS

TEST VOLTAGE	0-2000 Volts RMS
TEST TIME	2-120 seconds
NUMBER OF TEST TERMINALS	11

$2400.00

FREQUENCY STANDARD

A SELF-CONTAINED FORK STABILIZED FREQUENCY SOURCE

MODEL 1400

• Accurate • Stable • Low Distortion • Variable output voltage • Compact

SPECIFICATIONS

ACCURACY	Available to .005%
DISTORTION	Less Than 1%
FREQUENCY	400 CPS or 1000 CPS (Other Freq. Avail.)
Dimension	6x9x6 inches
Power Supply	115 volts, 60 CPS

$275.00

OTHER MODELS AVAILABLE

MODEL 600 LOW FREQUENCY STANDARD — **DESCRIPTION:** Utilizes scaling circuits to provide tuning fork accuracies at frequencies below the range of precision tuning forks.

MULTIPLIER

MODEL 4R2

A TRUE FOUR QUADRANT MULTIPLIER HAVING A WIDE FREQUENCY RESPONSE

The Multiplier is furnished in a container approximately 1⅜"x1⅜"x4" with a standard octal plug.

SPECIFICATIONS

FREQUENCY RANGE	D.C. to 500 KC
WEIGHT	Approximately 5 oz.

$99.50

PHASE SHIFTER

MODELS PS 60 and PS 400

For measurement and comparison of phase angles or as a secondary phase standard.

$350.00

RANGE	0-360° (continuously variable)
ACCURACY	± 1 degree (Higher accuracies available)
FREQUENCY	60 CPS for PS 60 400 CPS for PS 400 (other frequencies available)

NULL DETECTOR

MODEL 60B $495.00

A sensitive battery operated null detector ideal for shering bridges or other applications where complete isolation from power lines is desirable.

• Long Battery Life • High Harmonic Rejection • Shielded against external fields

SENSITIVITY: 1 microvolt for 1% deflection

ITECO

INDUSTRIAL TEST EQUIPMENT CO. • 55 EAST 11th ST., NEW YORK 3, N. Y.

ITT ELECTRON TUBE PRODUCTS

partial listing

C W POWER TRIODES

Type	Cooling[1]	Plate Dissipation[2] (KW)	Mu	Plate Input[2] (KW)	DC Plate Voltage[2] (KV)	Freq.[2] (Max. Ratings) (mc)
F-7C25	A	2.5	25	7	5.5	30
F-8C25	A	12	6	30	8	
F-129B	W	7.5	26	18	12	30
F-134A	W	150	21	450	20	22
F-862A	W	100	45	200	20	1.6
F-891	W	6	9	20	15	1.6
F-891R	A	4	9	15	10	1.6
F-892R	A	4	50	18	12.5	1.6
F-898A	W	100	50	200	20	1.6
F-5604	A	10	19.5	32.5	12.5	22.5
F-5606A	W	10	36	30	15	1.6
F-5619	W	20	19.5	32.5	12.5	22.5
F-5666	W	12.5	21	20	10	22.5
F-5667	A	7.5	21	20	10	22.5
F-5668	W	20	50	28	14	5
F-5669	A	10	50	28	14	5
F-5771/356	W	22.5	20	60	12.5	25
F-5874	W	15	6	30	8	
F-5918A	W	70	41	175	19	22
F-5919	A	35	41	125	17.5	22
F-6009	W	6	25	12	6	30
F-6366	A	3	25	7	5.5	30
F-6367	A	3	25	12	6.2	30
F-6379	W	70	5	150	17.5	
F-6398	W	225	21	400	20	22
F-6399	W	6	25	9	6.2	30
F-6400	W	6	25	12	6.2	30
F-6691	A	17	21	60	15	30
F-6692	W	30	21	90	15	30
F-6800	W	20	19.5	45	15	22.5
F-6801	A	10	19.5	40	15	22.5
F-6803	W	70	41	175	19	22
F-6804	A	35	41	150	19	22
F-6921	W	30	4.25	60	15	30
F-6925	A	3	17	12	6.5	30
F-6926	W	6	17	12	6.5	30
F-7206	W	20	18	55	12.5	30
F-7207	A	17	6	30	10	
F-7328	A	20	6	50	10	
F-7532	V	10	5.5	18	6	
*F-7831	W	20	18	60	10	50
D-1010	W	40	15	125	15	
D-1015	A	5	5	18	6	30
F-7820	A	4.3	6	30	8	
F-7837	W	90	41	200	17.5	22
F-7838	A	25	41	150	17.5	22
*D-1030A	W	40	17	80	12	50
D-1011	V	30	18	60	12.5	15
*F-7832	V	30	18	60	10	50

(1) A = Forced air cooled; W = Water cooled; V = Vapor cooled.
(2) Independent maximum ratings.
*Ceramic construction.

PULSE POWER TRIODES

Type	Epx	Pulse Current Rated Fil. Ipk	Pulse Current Elevated Fil. Ipk	Pd	Cooling
F-8033	65	650	1000	225	W
F-6398	65	400	550	225	W
F-7837	65	160	230	90	W
F-7838	65	160	230	25	A
F-7839	65	160	230	10	A
F-5918	35	140	200	80	W
F-6920	35	140	200	10	A
F-7328	20	100	160	20	A
F-7206	18	220	350	20	W
F-7206R	18	220	350	13	A
F-7012	17.5	40	65	2.5	A
F-5680	17.5	35	55	2.5	A
F-7C23	17.5	25	40	2.5	A

Epx = Maximum Peak Inverse Voltage—Kilovolts
Ipk = Peak Cathode Current—Amperes
Idc = Plate Current—Amperes
Pd = Plate Dissipation—Kilowatts
W = Water Cooled
A = Forced Air Cooled

HYDROGEN DIODES

Type	Clipper Diode Ratings Epx Ku	Clipper Diode Ratings ib a	Clipper Diode Ratings Ib Adc	Rectifier Ratings Epx Ku	Rectifier Ratings ib a	Rectifier Ratings Ib Adc
KU-51	16	85	0.1	10	0.8	0.2
KU-52	25	325	0.2	15	2.0	0.5
*KU-92	25	300	0.2	15	2.0	0.5
KU-53	33	500	0.5	15	4.0	1.0
*KU-93	33	500	0.5	20	8.0	2.0
*KU-94	33	2000	2.0	20	16.0	4.0

Epx = Peak inverse voltage—kilovolts
ib = Peak forward current—amperes
Ib = Max. Average current—amperes
*Ceramic Construction

HYDROGEN THYRATRONS

Type	Pb X10	epy kv	Po Mw	ib a	Ib Adc
3C45	0.3	3.0	.052	35.0	.045
6777	0.75	8.0	.12	35.0	.045
KU-70	1.0	6.0	.3	90.	.10
4C35A	2.0	8.0	.35	90.0	.100
5957/E37B	2.5	8.0	.33	83.0	.100
KU-71	4.0	10.0	1.0	200.	.20
5C22/HT415	3.2	16.0	2.0	325.	.200
6587	3.9	16.0	2.0	325.	.225
*7665/KU-72	7.0	20.0	3.5	350.	.300
5949A/1907A	6.25	25.0	6.0	500.	.500
5948A/1754A	9.0	25.0	12.0	1000.	1.0
*7666/KU-73	20.0	25.0	12.5	1000.	1.5
1257	20.0	33.0	33	2000.	2.6
*7667/KU-74	40.0	33.0	33	2000.	4.0
*7866/KU-274	45	50	50	2000.	4.0

*Ceramic Construction

TRAVELING WAVE TUBES

Type	Frequency KMC	Power Output (Watts)	Duty	Style
F-6658	1.7 - 4.0	2	CW	L
F-6868	1.7 - 4.0	10	CW	L
F-6825	2.0 - 4.0	1000	P	L
F-6826	2.0 - 4.0	1000	P	L
F-7338	2.0 - 4.0	1000	P	L
F-7347	2.0 - 4.0	1000	P	S
D-2023	4.0 - 8.0	1000	P	S
X-370	4.0 - 8.0	10	CW	P
X-282	4.0 - 8.0	10	CW	S
D-2009	4.0 - 8.0	2	P	Pk
X-382	4.0 - 8.0	.05	CW	P
X-383	4.0 - 8.0	2	CW	P
X-403	4.0 - 8.0	2	P	P
X-371	4.0 - 8.0	1000	P	P
X-387	5.4 - 5.9	2000	P	P
F-7848	5.0 - 6.0	2000	P	S
F-7847	5.0 - 6.0	10	CW	S
X-354	8.0 - 12.0	5	CW	P
F-7524	8.0 - 12.0	5	CW	S
F-7525	8.0 - 12.0	5	CW	Pk
X-368	8.0 - 12.0	.05	CW	P
F-7066	8.0 - 12.0	.05	CW	S
F-7526	8.0 - 12.0	.05	CW	Pk
F-7340	8.0 - 9.6	1000	P	L
D-95A	8.0 - 9.6	1000	P	L
D-95B	8.0 - 9.6	1000	P	L
F-6996	8.0 - 9.6	10	CW	L
D-2020	8.0 - 9.6	10	CW	L
D-2024	8.0 - 9.6	10	CW	L
F-7341	8.0 - 9.6	5	P	L
F-6867	8.0 - 9.6	0.1	CW	L
F-7339	8.5 - 9.6	1000	P	L

L = Large Diameter (both R-F leads at same end)
S = Small Diameter (both R-F leads at opposite ends)
Pk = Packaged with solenoid as integral part
P = PPM focused

IATRON STORAGE TUBES

Type	Diameter (In.)	Special Features	Focus	Deflection
7172	2½	Coaxial Gun	ES	ES
FW-211	2½	Coaxial Gun	ES	ES
7173	4	—	EM	EM
7174	4	—	EM	EM
FW-227	4	2 Writing Gun	ES	ES
7423	5	—	ES	ES
FW-204	5	Coaxial Gun	EM	EM
D-3001	5	—	ES	ES
FW-212	5	Coaxial Gun	ES	ES
FW-223	5	Coaxial Gun	ES	EM
FW-208	7	—	EM	EM

EM = Electromagnet ES = Electrostatic

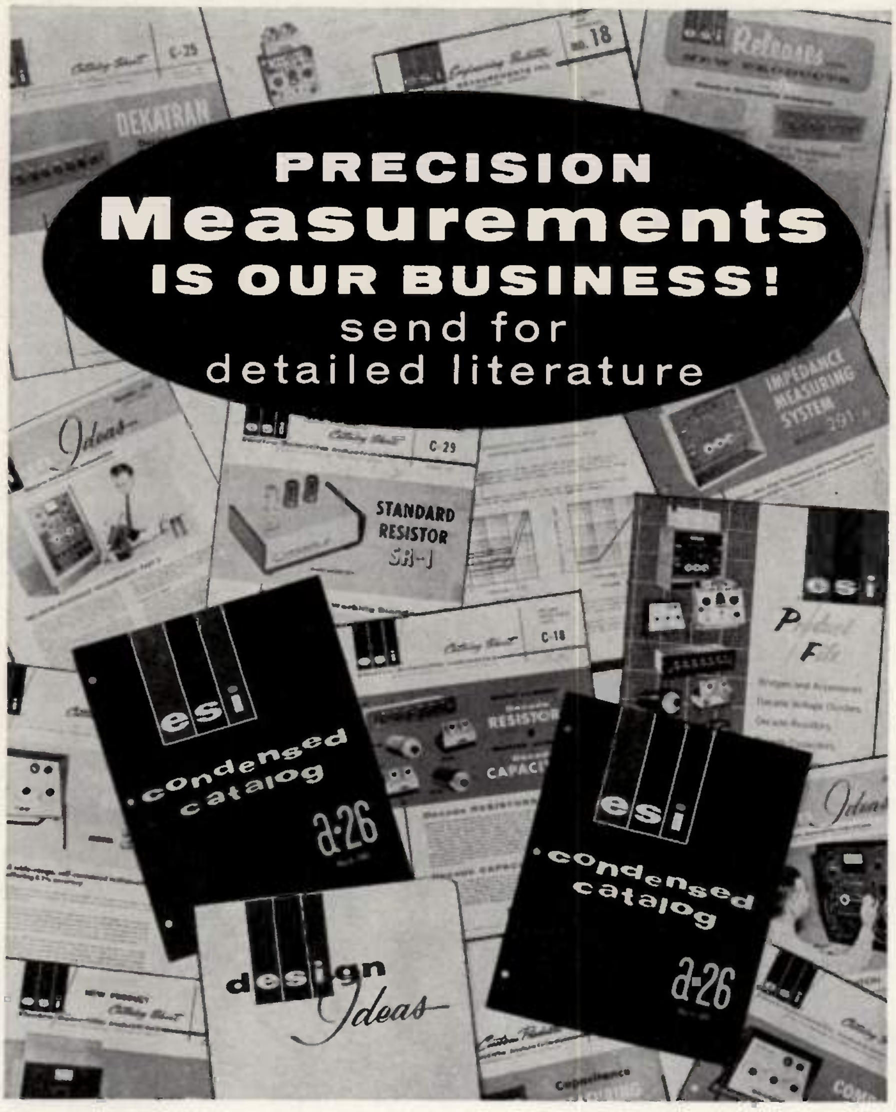
POWER DIODES

Type	Epx	Rectifier Operation Ipk	Rectifier Operation Idc	Clipper Operation Ipk	Pd	Cooling
D-1018	100	120	40	400	225	W
D-1022A	80	60	20	200	70	W
F-7869	65	21	5	100	3.5	A
D-1033A	60	36	12	150	20	W
D-1033B	60	36	12	150	13	A
F-7906	50	45	15	200	50	W
F-7907	50	45	15	200	20	A
D-1038	40	20	6	150*	5	A
F-7131	40	10	3	150*	3	A
F-7030	30	20	6	75*	2.5	A
F-7779	25	30	6	75*	3	A
F-7656	25	30	4	50*	2.5	A

Epx = Maximum Peak Inverse Voltage—Kilovolts
Ipk = Peak Plate Current—Amperes
Idc = Plate Current—Amperes
Pd = Plate Dissipation—Kilowatts
W = Water Cooled
A = Forced Air Cooled
* = Elevated Filament Voltage

Write for complete technical data on ITT Electron Tube Products

ITT ELECTRON TUBE DEPARTMENT ■ COMPONENTS DIVISION
INTERNATIONAL TELEPHONE AND TELEGRAPH CORPORATION, CLIFTON, NEW JERSEY



Systems, instruments, accessories, components and custom products designed to meet the measurement pinch. Send for detailed catalog sheets, engineering and technical bulletins. Complete information in the following categories available by return mail. Ask for:

BG-1 — Precision Impedance Measuring Systems for Establishing Traceability to NBS. Model 242 Kelvin Resistance Measuring System, Model 291-A Impedance Measuring System, Model 700 Capacitance Measuring System, Model 231 Guarded Wheatstone Resistance Measuring System.

BG-2 — General Purpose Impedance Bridges and Accessories

BG-3 — Resistive and Transformer Type Voltage Dividers

BG-4 — Precision Decade and Fixed Resistors and Capacitors

BG-5 — Precision Components and Resistance Networks

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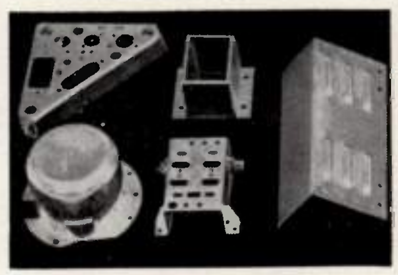

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Silicon

RECTIFIERS
CONTROLLED RECTIFIERS
VOLTAGE REGULATORS

nae

MILITARY TYPES

RECTIFIERS

1N1199	MIL-E-1/1108 (USAF)	1N253	MIL-E-1/1024A (JAN)
1N1200	MIL-E-1/1108 (USAF)	1N254	MIL-E-1/989B (JAN)
1N1201	MIL-E-1/1108 (USAF)	1N255	MIL-E-1/990B (JAN)
1N1202	MIL-E-1/1108 (USAF)	1N256	MIL-E-1/991B (JAN)
1N1203	MIL-E-1/1108 (USAF)	1N538	MIL-E-1/1084A (JAN)
1N1204	MIL-E-1/1108 (USAF)	1N540	MIL-E-1/1085A (JAN)
1N1205	MIL-E-1/1108 (USAF)	1N547	MIL-E-1/1083A (JAN)
1N1206	MIL-E-1/1108 (USAF)		

REFERENCE

1N429..........MIL-E-1/1134A (USAF)

CONTROLLED RECTIFIERS

10 Amps		16 Amps			
NCR025D	NCR200D	2N681	(NCR025E)	2N685	(NCR200E)
NCR050D	NCR250D	2N682	(NCR050E,	2N686	(NCR250E)
NCR100D	NCR300D	2N683	(NCR100E)	2N687	(NCR300E)
NCR150D	NCR400D	2N684	(NCR150E)	2N688	(NCR400E)

DIODES

1N137A	1N203	1N208	1N213	1N218	1N350	1N225	1N230
1N138A	1N204	1N209	1N214	1N219	1N351	1N226	1N231
1N200	1N205	1N210	1N215	1N220	1N352	1N227	1N232
1N201	1N206	1N211	1N216	1N221	1N353	1N228	1N233
1N202	1N207	1N212	1N217	1N222	1N354	1N229	

VOLTAGE REGULATORS

(Zener Diodes)

1N465	1N1354	1N1515	1N1598	1N1769	1N1816	1N2043	PR436
1N466	1N1355	1N1516	1N1599	1N1770	1N1817	1N2044	PR439
1N467	1N1356	1N1517	1N1600	1N1771	1N1818	1N2045	PR704
1N468	1N1357	1N1518	1N1601	1N1772	1N1819	1N2046	PR705
1N469	1N1358	1N1519	1N1602	1N1773	1N1820	1N2047	PR706
1N470	1N1359	1N1520	1N1603	1N1774	1N1821	1N2048	PR708
1N471	1N1360	1N1521	1N1604	1N1775	1N1822	1N2049	PR710
1N472	1N1361	1N1522	1N1605	1N1776	1N1823	PR410	PR712
1N473	1N1362	1N1523	1N1606	1N1777	1N1824	PR411	PR715
1N474	1N1363	1N1524	1N1607	1N1778	1N1825	PR412	PR718
1N475	1N1364	1N1525	1N1608	1N1779	1N1826	PR413	PR724
1N1313	1N1365	1N1526	1N1609	1N1780	1N1827	PR414	PR804
1N1314	1N1366	1N1527	1N1735	1N1781	1N1828	PR415	PR805
1N1315	1N1367	1N1528	1N1736	1N1782	1N2032	PR416	PR806
1N1316	1N1368	1N1588	1N1737	1N1783	1N2033	PR417	PR808
1N1317	1N1369	1N1589	1N1738	1N1784	1N2034	PR418	PR810
1N1318	1N1507	1N1590	1N1739	1N1785	1N2035	PR419	PR812
1N1319	1N1508	1N1591	1N1740	1N1786	1N2036	PR420	PR815
1N1320	1N1509	1N1592	1N1741	1N1803	1N2037	PR422	PR818
1N1321	1N1510	1N1593	1N1742	1N1804	1N2038	PR424	PR824
1N1322	1N1511	1N1594	1N1765	1N1805	1N2039	PR425	
1N1351	1N1512	1N1595	1N1766	1N1806	1N2040	PR427	
1N1352	1N1513	1N1596	1N1767	1N1807	1N2041	PR430	
1N1353	1N1514	1N1597	1N1768	1N1808	1N2042	PR433	

*The above listed types are also available in 5% voltage tolerances.

HIGH VOLTAGE CARTRIDGE TYPE RECTIFIERS

The NAE cartridge type rectifiers are designed for applications requiring up to 26,000 volts and for currents up to 250 milliamperes. They are fabricated from series connected high PIV junctions and hermetically sealed in ceramic tubes for easy fuse clip mounting

POWER RECTIFIERS

LOW (to 3 Amps)

1N253	1N442B	1N604A	1N1133	1N1230	1N1584	1N2017	NA42
1N254	1N443	1N605	1N1134	1N1230A	1N1585	1N2018	NA43
1N255	1N443B	1N605A	1N1135	1N1231	1N1586	1N2019	NA44
1N256	1N444	1N606	1N1136	1N1231A	1N1587	1N2020	NA45
1N316	1N444B	1N606A	1N1137	1N1232	1N1692	1N2026	NA46
1N317	1N445	1N607	1N1138	1N1232A	1N1693	1N2027	NA47
1N318	1N445B	1N607A	1N1139	1N1233	1N1694	1N2028	NA51
1N319	1N530	1N608	1N1140	1N1233A	1N1695	1N2029	NA52
1N320	1N531	1N608A	1N1141	1N1234	1N1701	1N2030	NA53
1N323	1N532	1N609	1N1142	1N1234A	1N1702	1N2031	NA54
1N324	1N533	1N609A	1N1143	1N1235	1N1703	1N2501	NA55
1N325	1N534	1N610	1N1143A	1N1236	1N1704	1N2502	NA56
1N326	1N535	1N610A	1N1144	1N1251	1N1705	1N2503	NA57
1N327	1N536	1N611	1N1145	1N1252	1N1706	1N2504	NA61
1N332	1N537	1N611A	1N1146	1N1253	1N1707	1N2505	NA62
1N333	1N538	1N612	1N1147	1N1254	1N1708	1N2506	NA63
1N334	1N539	1N612A	1N1148	1N1255	1N1709	1N2507	NA64
1N335	1N540	1N613	1N1149	1N1256	1N1710	1N2508	NA65
1N336	1N547	1N613A	1N1217	1N1257	1N1711	NA1	NA66
1N337	1N550	1N614	1N1217A	1N1258	1N1712	NA2	NA67
1N338	1N551	1N614A	1N1218	1N1259	1N1745	NA3	NA74
1N339	1N552	1N1095	1N1218A	1N1260	1N1746	NA4	NA75
1N340	1N553	1N1096	1N1219	1N1261	1N1747	NA5	NA76
1N341	1N554	1N1100	1N1219A	1N1443	1N1748	NA7	NA84
1N342	1N555	1N1101	1N1220	1N1444	1N1749	NA11	NA85
1N343	1N560	1N1102	1N1220A	1N1487	1N1750	NA12	NA86
1N344	1N561	1N1103	1N1221	1N1488	1N1751	NA13	NA104
1N345	1N562	1N1104	1N1221A	1N1489	1N1752	NA17	NA105
1N346	1N563	1N1105	1N1222	1N1490	1N1753	NA21	NA106
1N347	1N588	1N1115	1N1222A	1N1491	1N1754	NA22	NA124
1N348	1N589	1N1116	1N1223	1N1492	1N1755	NA23	NA125
1N349	1N599	1N1117	1N1223A	1N1537	1N1756	NA24	NA126
1N359	1N599A	1N1118	1N1224	1N1538	1N1757	NA25	NA150
1N360	1N600	1N1119	1N1224A	1N1539	1N1758	NA27	NA150R
1N361	1N600A	1N1120	1N1225	1N1540	1N1759	NA31	NA151
1N362	1N601	1N1124	1N1226	1N1541	1N1760	NA32	NA152
1N363	1N601A	1N1125	1N1227	1N1542	1N1761	NA33	
1N440	1N602	1N1126	1N1227A	1N1543	1N1762	NA34	
1N400B	1N602A	1N1127	1N1228	1N1544	1N2013	NA35	
1N441	1N603	1N1128	1N1228A	1N1581	1N2014	NA36	
1N441B	1N603A	1N1130	1N1229	1N1582	1N2015	NA37	
1N442	1N604	1N1131	1N1229A	1N1583	1N2016	NA41	

MEDIUM (5 Amps to 12 Amps)

1N248	1N1206	1N2021	1N2495	NA0305	NA2010	NA1203	NA603
1N249	1N1341	1N2022	1N2496	NA0310	NA2505	NA1205	NA605
1N250	1N1342	1N2023	1N2497	NA0505	NA2510	NA1210	NA610
1N1199	1N1343	1N2024	1N2512	NA0510	NA3005	NA1215	NA615
1N1200	1N1344	1N2025	1N2513	NA1005	NA3010	NA1220	NA620
1N1201	1N1345	1N2491	1N2514	NA1010	NA3505	NA1230	NA630
1N1202	1N1346	1N2492	1N2515	NA1505	NA3510	NA1240	NA640
1N1203	1N1347	1N2493	1N2516	NA1510	NA4005	NA1250	NA650
1N1204	1N1348	1N2494	1N2517	NA2005	NA4010	NA1260	NA660
1N1205							

HIGH (18 Amps to 35 Amps)

1N248A	1N1187	1N1194	1N1435	1N2156	NA0520	NA3520	NA3035
1N249A	1N1188	1N1195	1N1436	1N2157	NA1020	NA4020	NA2535
1N250A	1N1189	1N1196	1N1437	1N2158	NA1520	NA6035	NA2035
1N1183	1N1190	1N1197	1N1438	1N2159	NA2020	NA5035	NA1535
1N1184	1N1191	1N1198	1N2154	1N2160	NA2520	NA4035	NA1035
1N1185	1N1192	1N1434	1N2155	NA0230	NA3020	NA3535	NA0535
1N1186	1N1193						

GENERAL PURPOSE TYPES

NL5 NL10 NL15 NL20 NL25 NL30 NL40 NL50 NL60

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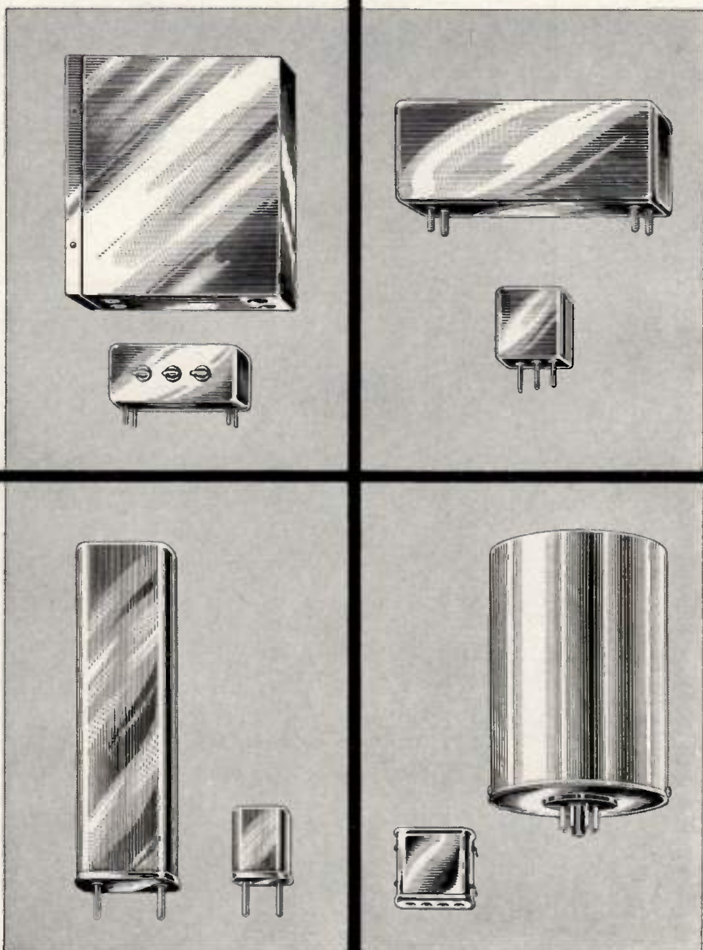

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Complete information on all Bulova components and systems is available from your nearest Sales Representative, or by writing — *Department A-1376, Electronics Division, Bulova, 61-10 Woodside Ave., Woodside 77, New York.*

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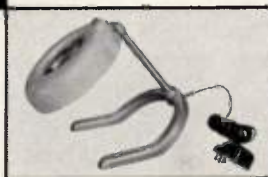

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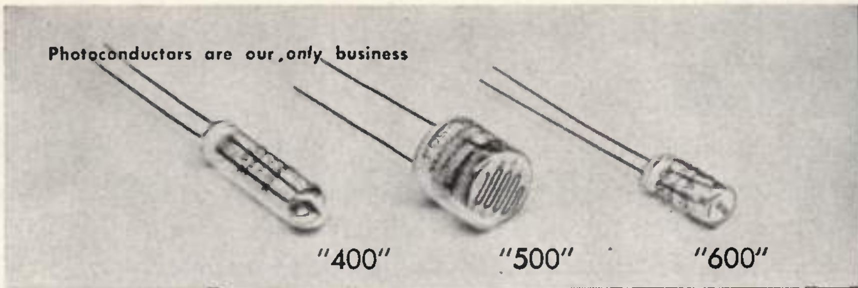

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CL403	CdSe	.265x1	7350	133K	300	75
CL403S[5]	CdSe	.265x1	7350	133K	300	75
CL403A	CdSe	.265x1	7350	75K	300	75
CL403AS[5]	CdSe	.265x1	7350	75K	300	75
CL403ASL[5]	CdSe	.265x1	7350	3.5K	60	75
CL404	CdSe	.265x1	6900	30K	300	75
CL404S[5]	CdSe	.265x1	6900	30K	300	75
CL404SL[5]	CdSe	.265x1	6900	1.5K	60	75
CL407	CdS	.265x1	6150	133K	300	75
CL407S[5]	CdS	.265x1	6150	133K	300	75
CL504	CdSe	.5x.5	6900	1.5K	250	500-250[2]
CL504L	CdSe	.5x.5	6900	0.25K	60	500-250[2]
CL505	CdS	.5x.5	5500	9K	250	500-250[2]
CL505L	CdS	.5x.5	5500	1.5K	60	500-250[2]
CL602[3]	CdS	.25x.5	5150	1M	300	75
CL603[3]	CdSe	.25x.5	7350	133K	300	75
CL603A[3]	CdSe	.25x.5	7350	75K	300	75
CL603AL	CdSe	.25x.5	7350	3.5K	60	75
CL604[3]	CdSe	.25x.5	6900	30K	300	75
CL604L	CdSe	.25x.5	6900	1.5K	60	75
CL605	CdS	.25x.5	5500	166K	300	75
CL605L	CdS	.25x.5	5500	7.5K	60	75
CL607[3]	CdS	.25x.5	6150	133K	300	75

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[1]Average DC resistance measured at 2 foot-candles, 2870° K. and 25° C ambient.
[2]With and without heat sink.
[3]Designed to replace previous plastic types. [4]At 25° C ambient. [5]S denotes side view cell.

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- automobiles

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You should get to know IDL

We are designers and manufacturers of precision electro-mechanical components, optical instrument systems, and computing devices to airborne military standards and the highest industrial standards. Our facilities are cleared for classified defense projects and include approved military quality control stations. Some of our products are shown below. *Technical information is available on each of these products, upon request.*

COLORIMETRY

IDL is a leading manufacturer of precise and accurate color and color difference measuring instruments. COLOR-EYE® is a combination tristimulus colorimeter and abridged spectrophotometer and is widely used in laboratory, production, and quality control applications throughout the process industries.

OPTICAL PYROMETRY

IDL has developed two instruments for continuous and automatic remote measurement of high temperatures in the range of 750° to 3500° C. One of these instruments PYRO-EYE* employs the two-color ratio principle; the other PYRO-650* is an automatic brightness or optical pyrometer.

HIGH SPEED ROTARY SWITCHES

IDL produces a broad line of motor driven multi-pole, multi-contact sealed switches with life capabilities exceeding one hundred million contact closures in missile environments. These have found application in telemetering, radar, sampling, and computer programming.

ANALOG TO DIGITAL CONVERTERS

IDL produces a "Family" of shaft angle encoders (A/D converters) for continuous bi-directional readout in a Gray BCD format in circuits requiring 20 ma at 40 VDC signal levels. These encoders are used in Servo feedback systems in airborne applications under MIL-E-5272 environmental conditions.

The electro-mechanical, optical, electronic and engineering skills and the manufacturing facilities required to design and produce these highly technical products may fit a project requirement you are currently trying to solve. You are invited to visit our plant and talk with our personnel about your problems. Our sales engineers are trained to assist you at your convenience. Write or telephone.

IDL®

INSTRUMENT DEVELOPMENT LABORATORIES, INC.

Subsidiary of Royal McBee Corporation

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.1%-1% VOLTAGE REGULATION IN POWER CONVERSION DEVICES BY HYDRO-AIRE

These are but three of an ever-growing family of power conversion devices developed, engineered, and produced by Hydro-Aire—a member of the Crane Co. Systems & Controls Group and a name well known for quality, reliability, and on-time delivery. A wide variety of others are also available, and development of new products to your specific requirement is a Hydro-Aire specialty. Your specifications and/or inquiry are invited.

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FULLY-TRANSISTORIZED AC/DC POWER SUPPLY

Compact, 26-oz. design • 1%-3% Voltage regulation

Model 50-183. Utilizes highly-reliable silicon transistors and printed circuitry to deliver exceptionally accurate DC and AC output voltage regulation, while meeting minimum size and weight limitations. Maintains regulation tolerances over temperature range of −40°C to +71°C. Design and fabrication standards meet MIL-E-8189 (ASG) and MIL-E-4970. Readily modified for special purposes.

DATA SUMMARY:
Input Voltage: 28VDC ±10%
Output One: 150 VDC ±1% from 25 to 35 ma
Output Two: 6.3 VAC ±3% at .8 amperes
Weight: 26 ounces
Life: 1000 hours
Ripple: Less than 15 mv peak-to-peak

3 PHASE 400 CPS LINE VOLTAGE REGULATOR

Compact, 11-lb. design • 1% Voltage regulation

Model 50-233. This new-type line voltage regulator utilizes first quality solid state and magnetic components to tightly control harmonic distortion and provide 3 independently regulated output phases suitable for precision circuit requirements. Readily modified for special purposes..

DATA SUMMARY:
Input: 102 to 124 VAC—3-phase, 4 wire
Frequency: 400 cps ±5%
Output: 115 VAC line to neutral
Regulation: ±1% load and line—independent regulation on each phase
Power Output: 0-120VA per phase; 0-360VA total
Phase Shift: 10 degrees max.
Harmonic Distortion: 3% max.
Load Power Factor: 0.7 leading to 1.0
Response Time: 100 milliseconds max.
Temperature: +50° to +100°F operating; −65°F to +161°F non-operating
Efficiency: 50% min.
Cooling: Forced air (fan provided)
Weight: 11 lbs. max.
Altitude: 10,000 ft. max.
Applicable Spec.: MIL-D-5028 B, MIL-E-16400 B, MIL-E-5272 A, MIL-I-6181 B, MIL-W-16878 B, and MIL-E-7894 A

FULLY-TRANSISTORIZED AC/DC POWER SUPPLY

Three power supplies in one • .1% Voltage regulation

Model 50-121. Combines three power supplies in a single, compact package—utilizing same basic circuit for a wide range of regulated outputs, with range determined by selection of transistorized plug-in printed circuit modules. Readily modified for special purposes.

DATA SUMMARY:
Input: 120 ±5% VAC, 60 ±3 CPS, Single Phase
Outputs: 28 VDC @ 2.5 amp; 120 VDC @ 250 ma; 250 VDC @ 500 ma
Regulation: ±0.1% for combined temperature, line and load variations
Temperature: −10°F to +125°F operating; −54°F to +165°F non-operating
Ripple: 5 millivolts RMS (maximum)
Size: 8¾" x 17" x 20" (for 19" rack mounting)
Weight: approximately 70 lbs.

HYDRO-AIRE

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Solid-state devices include time delay devices, voltage regulators, power supplies, inverters

When the equipment you manufacture requires miniaturized film capacitors with highest reliability and extended life, specify Pyrmy-Film capacitors with fortified film dielectrics. Made to meet the most critical standards, these capacitors will match the strictest demands of your quality control.

Pyramid Pyrmy-Film capacitors maintain high insulation resistance and extreme moisture resistance when operating at wide temperature ranges. Because these capacitors fit into the smallest spaces, design engineers can successfully incorporate them into tiny circuit models. Order Pyramid Pyrmy-Film capacitors and confirm these advantages.

For full details call or write for Engineering Bulletin MY-3C

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Frequency indicators and frequency deviation indicators

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Precision frequency-to-dc converters for telemetry and other aircraft and missile uses.

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Precision plug-in module frequency-to-dc converter and indicator. Six may be mounted in 19" rack.

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Here is a complete, all new line of versatile, reliable Pulse Rate Integrators especially designed for accurately converting a frequency or pulse rate to an analog output of dc voltage or current, or to a visual meter indication. Featuring many different models for the widest range of applications, these Anadex instruments represent the ultimate in dependability and operating performance.

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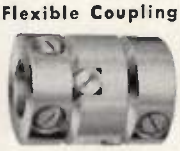
You save space and weight with Renbrandt Miniature Flexible Couplings. They have torsional rigidity, angular and linear flexibility, low inertia . . . and yet are *ENTIRELY FREE OF BACKLASH.* The unique disc-type design assures long life at a moderate price. A complete line is available for 1/16" through 1/2" shafts in all combinations. Many hub styles, including clamp and set screw.

For exacting requirements specify Renbrandt Couplings. Prompt delivery on prototype or production orders. Send for catalog or send your requirements for quotes.

This is a TINYMITE Flexible Coupling



Low cost. No backlash. Nylon insulating center piece. For manual controls, tuners, plug-in units, sub-miniaturization, etc. 1/2" dia. by 17/32" long. Std. sizes for 1/8, 3/16, 1/4" shafts. Special sizes available

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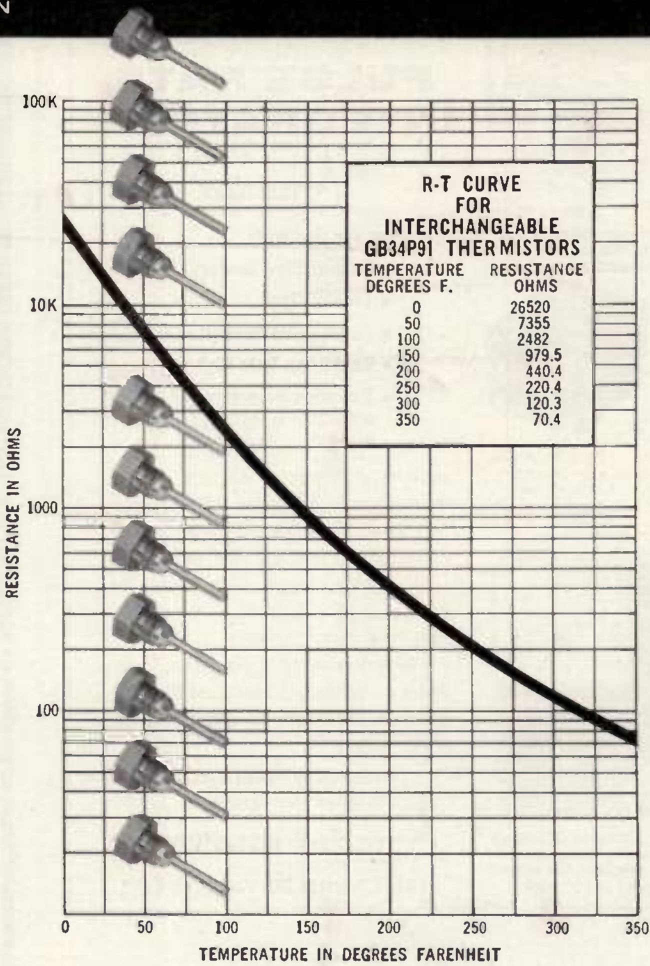
Fenwal Electronics' new "identical" thermistors permit complete interchangeability! What do you need from a thermistor in the way of performance? Reliability? Extreme stability? High shock resistance? Long life? Fenwal Electronics can supply it. But Fenwal Electronics' thermistors provide an additional important characteristic all their own: **they can be supplied with identical resistance temperature curves.**

That means that now, for the first time, you can have complete interchangeability. It means you can rely absolutely on consistently accurate resistance changes versus temperature of Fenwal Electronics' thermistors. It means also you can now achieve accurate, multi-point temperature indication or control through a single system without having to calibrate out each individual sensor.



TEMPERATURE DEGREES F.	RESISTANCE OHMS
0	26520
50	7355
100	2482
150	979.5
200	440.4
250	220.4
300	120.3
350	70.4

FROM FENWAL ELECTRONICS . . . THE MOST COMPLETE LINE OF PRECISION THERMISTORS

GLASS PROBES & BEADS

— 0.006" to 0.100" diameter. Resistance values: 500 ohms to 100 megohms

DISCS . . .

— 0.1" to 1" diameter. Resistance values: 5 ohms to 1,000 ohms

WASHERS . . .

— .75" diameter. Resistance values: 5 ohms to 3000 ohms

RODS . . .

— 0.053" to 0.173" diameter varying lengths. Resistance values: 500 ohms to 500,000 ohms

PROBE Assemblies . . .

— Built to your specific requirements,* enclosed and mounted in individual housings or "packages" and ready to instal

E-I Matched pairs

— Thermistor beads matched to voltage current characteristics and mounted on special hermetically sealed stems, designed for use in thermal conductivity gas analysis instruments.

FROM FENWAL ELECTRONICS . MORE HELP ON THERMISTOR PROBLEMS

• Complete thermistor engineering service backed by 20 years field experience

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• New Thermistor Catalog EMC-3

• New Probe and Housing Brochure — Gives selection of probe designs

For complete information, or the name of the Fenwal Representative in your area, write:

Fenwal Electronics

33A MELLEN STREET, FRAMINGHAM, MASSACHUSETTS

*Probes can be supplied individually calibrated at all desired temperatures. When interchangeability is required, they can be supplied with identical resistance-temperature characteristics.

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Components ● Packaging to Meet Your Needs

Due to the increased customer demand, Sherold Crystals, Inc., is now departmentalized to offer special handling in the manufacture of custom ovens.

For components requiring stability over a wide ambient temperature range, and packaged to meet specialized requirements, it will pay you to contact Sherold Crystal Company.

Custom units such as are shown here can be adapted for subminiature circuits, lattice filter networks, temperature stable oscillators, synthesizers, etc. Heater voltage and temperature stability are by customer's specification or recommendation. Stability of ± 2°C. is normal production tolerance. Tighter tolerances must be specified.

Your inquiry concerning custom designs will be given prompt attention.

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Kansas City, Missouri

Advanced Designed Crystals for Military and Commercial Users

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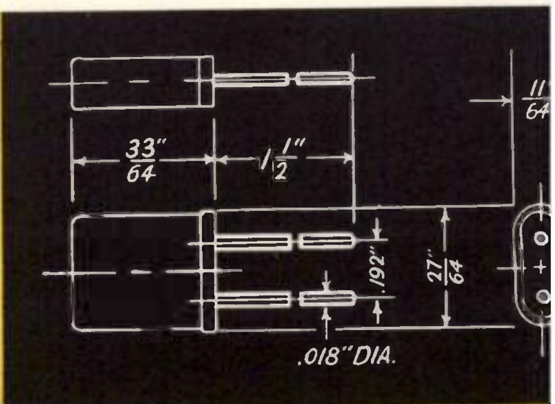
FREQ. RANGE: 300-1000 KC
7- 125 MC

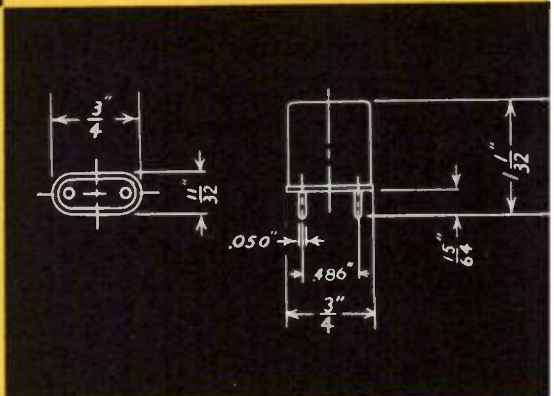
Sub-Miniature Hermetically Sealed, Plated Unit. Sherold Crystal Company's answer to the industry's demand for a sub-miniature crystal unit that will meet military specifications. Smallest space requirements of any hermetic crystal available today. Weight approx. 1/25 ounce.



SC-6

FREQ. RANGE: 180 KC-125 MC
CAATC CERTIFICATE #1438

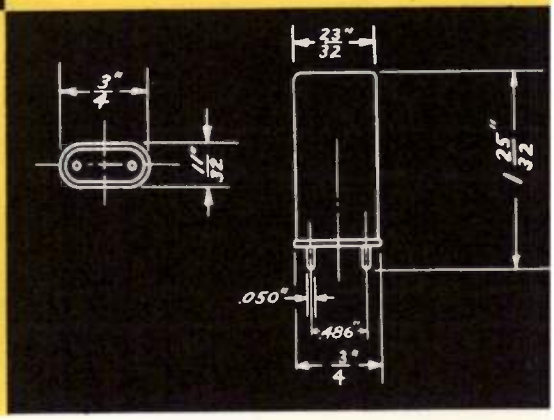
Metal Plated and Hermetically Sealed in Military Type HC-6/U Holder. Features very high activity, low drift, rugged construction. Available in 22 military types (see military chart). For temperature control use with Sherold Crystal's TC-68 or TC-268 oven.



SC-9

FREQ. RANGE: 15 KC-300 KC

Low Frequency, Plated Crystal Hermetically Sealed in Military Type HC-13/U Holder. Features rugged construction, very high activity. Designed to meet military specifications (see military chart). For temperature control use with Sherold Crystal's TC-98 or TC-298 oven.



Sherold manufactures crys tals for ALL frequencies . . meeting and exceeding MI specifications . . .

The most advanced manufacturing techniqu enable Sherold Crystals, Inc., to produce exacting specifications and requirements . . . small quantities or high volume.

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HITEMP

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Specialists in High Temperature Mil-Spec Wires and Cables

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"HITEMP FX" MAGNET WIRE A cross linked polymer with excellent mechanical properties for 260°C and plus continuous operation.

CERAMIC FILM INSULATED MAGNET WIRE—"CERAMATEMP" A flexible magnet wire for operation at 1000oF. Available in sizes 20 to 36 AWG in single and heavy thicknesses.

TEFLON MAGNET WIRE—"TEMPRITE" Sizes 14 to 50 AWG, single, heavy, triple or quadruple thicknesses, conforming to MIL-W-19583 (NAVY). Heavy triple and quadruple coatings. Available in 8 solid colors to conform with MIL Std. 104.

SPECIAL TEFLON MAGNET WIRE—"TEMPRITE X" Same characteristics and sizes as regular Temprite, but specially processed for severe abrasion applications.

MODIFIED RESIN ENAMEL MAGNET WIRE—"THERMISTER-L" Sizes 14 to 42 AWG inclusive. Used for temperatures from —54°C to +155°C. Available in single or heavy thicknesses. Conforms to MIL-W-19583 (NAVY) except for temperature rating.

CABLES Complete cable assemblies and fabrication.

MINIATURE EXTRUDED TEFLON HOOK-UP WIRE—"MX AND MXR" Available in sizes 22 to 32 AWG with standard or reinforced conductor. This special 300 volt thin wall insulated wire is a boon to miniaturization.

TEFLON HOOK-UP WIRE—"TEMPRENE" Fused Teflon tape insulation on wire sizes 8 to 32 AWG. Two or three color striped combinations, plus 10 solid colors. Conforms to MIL-W-16878C (E and EE).

TEFLON EXTRUDED HOOK-UP WIRE—"TEMPREX" Sizes 10 to 32 AWG, in both striped and solid colors. Conforms to MIL-W-16878C (E and EE).

SUB-MINIATURE TEFLON LEAD WIRE—"DQT" Solid copper conductors with Teflon film insulation rated at 300 volts. Available in sizes 20 to 32 AWG, and in 8 solid colors.

TEFLON INSULATED LEAD WIRE—"TEMPCLAD" Teflon insulated lead wire with an outer covering of Teflon impregnated glass fiber braid. Sizes 10 to 28 AWG in 8 solid colors.

100X EXTRUDED HOOK-UP WIRES AND JACKETED CABLES To all applicable military specifications. Sizes 4 to 32 AWG.

FLEXIBLE TEFLON TUBING—"TEMPRENE NON-RIGID" Sizes 10 to 26, solid colors and special striped combinations. Also large diameters ⅛" to 1" in 12" lengths.

"HIWRAP" Unfused, fused and bondable Teflon tape.

TEFLON EXTRUDED TUBING—"TEMPREX TUBING" Sizes 2 to 30 AWG. Fourteen solid colors.

100% SHIELDED WIRES Seamless tube of solid metal (copper, nickel, stainless steel) formed over single or multiple insulated wires to afford 100% shielding for RF or radiation applications

SHIELDED AND JACKETED MINIATURE CABLES Consist of Temprene or Temprex Conductors, shielded and jacketed for high temperature operation. Jackets available in fiberglass braids, teflon or silicone saturated, fused teflon tape, or vinyl insulation.

RIBBON CABLE ASSEMBLIES—"TEMPBRAID" 100% Teflon, flexible, flat ribbon multi-conductor cables. Available in from 2 to 30 conductors in sizes 12 to 32 AWG.

MINIATURE LOW NOISE COAXIAL CABLES Available in 50, 75 and 95 ohm impedances and attenuations of 28, 20 and 15 db/100 ft. at 400 mc., respectively.

MINIATURE LOW CAPACITANCE COAXIAL CABLES Available in 8.5 or 10.5 mmfd./ft. capacitance ratings.

MINIATURE COAXIAL CABLES Consist of 50, 75 and 95 ohm cables, shielded and jacketed for applications up to +250°C. QPL approved for conformance to MIL-C-17B.

HEATER CABLES Teflon insulated for 600 volt operation. Size 12 to 26 AWG.

HIGH TEMPERATURE AIRCRAFT WIRE For 600 volt service at 400°F. Conforms to MIL-W-7139A (AER). Available in sizes 6 to 22 AWG, in 6 solid colors.

TEFLON MARKING FLUID Teflon printing ink available in black. Can be used for printing codes, etc., on Teflon.

SURFACE TREATED TEFLON WIRES Adherence of varnishes and compounds on Teflon hook-up and magnet wires now practical. Available in 10 solid colors. Conforms with MIL Std. 104.

REINFORCED STANDARD CONDUCTORS—"HIGH STRENGTH" Mechanically improved conductors Teflon insulated to meet all reuirements of MIL-W-16878C. Available in sizes 24 to 32 AWG.

"WRAP-IT" 100% Teflon pipe thread sealer.

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COLUMBIA TECHNICAL has pioneered many basic developments in the delay line field . . . Magnetic-Core Delay Cable, MiniLines, Delay-Line Flats. New products which reflect true creative engineering: . . . VariLine®, a miniaturized continuously variable delay line, with excellent temperature stability, designed for computer applications. . . . and Miniature Q-Lines®, high density, lumped-constant delay lines with high delay-to-rise time ratio ("Q" factor) using sub-miniature toroidal inductors.

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COLUMBIA TECHNICAL offers high-quality electronic components and service. And we mean SERVICE . . . assistance in determining your exact requirements, engineering advice on the delay line, filter, transformer or coating best suited to meet your needs most economically; manufacture of prototypes — usually in a few days — and, finally, reliable and fast delivery in production runs.

DISTRIBUTED CONSTANT DELAY LINES

MINILINES®
— the smallest delay lines on the market! Delays from nano-seconds to about 2 usec. Impedances from 560 to 2000Ω. Completely resin encapsulated, designed for operation from —55° to +125°C with excellent electrical stability (200 ppm/°C). Type A = 0.25" O.D.; Type B = 0.30" O.D., lengths from 13/16" to 5½", depending on delay. Write for Bulletin #78.

DELAY-LINE FLATS®
— special elliptical core configuration allows wide range of delay and impedance combinations in minimum volume. Delays up to 1 usec/in. with ¼" x 11/16" cross-section. Impedances from 100 to 10,000 ohms. Standard unit is 5" long. Made in commercial and military versions. Hundreds of tested designs are available. Write for Bulletin #29.

LUMPED CONSTANT DELAY LINES

Q-LINES®
— lumped-constant delay lines with delay-to-rise time ratio ("Q" factor) of 100:1 are in regular production! ALL COLUMBIA Q-Lines are custom engineered to meet specific requirements for maximum Q, lowest attenuation or smallest volume. Q is synonymous with quality! Write for Bulletin D103.

AUDIO DELAY LINES
— custom designed for audio frequency applications with delays up to 10,000 usec, housed in standard EIA rack-type cabinets. Low attenuation (e.g. 3 db at mid-frequency point) and phase linearity as close as ±0.2% over entire useful frequency range are typical performance data. Write for Data Sheet D100.

MAGNETIC-CORE DELAY CABLE

. . . here is economical delay by-the-foot! Delay-to-rise time ratios up to 100:1 can be achieved with HH-1500A and HH-2000. Delay cable can be furnished from stock — ideal for prototype work. Also available in ready-to-mount calibrated sections with molded endcaps or housed in sealed metal cans. Write for Bulletin #17.

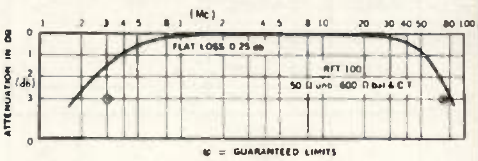
Type	Imped. ohms	Delay usec/ft.	B-width Mc*	Insert. loss db/usec	O.D. inch
HH-1500A RG-266/U	1500	0.08	15	0.2	0.40
HH-1600	1700	1.0	6	0.4	0.28
HH-2000 RG-176/U	2200	0.11	15	0.25	0.40
HH-2500	3000	0.6	8	0.3	0.28
HH-4000	3900	1.0	6	0.2	0.32

Notes: Temp. range of all types —40 to +85 C. *Bandwidth (3 db down) based on 1 usec delay

Black Art FILTERS

Black Art truly describes our Electric Wave Filters. Inside the proverbial "black box" is superior engineering enhanced by a touch of true artistry. We specialize in the manufacture of custom-designed, sophisticated filters from DC to 10 Mc, including telemetering, ultra-selective and ultra-flat, low-pass and high-pass as well as many other types. Don't overlook the fact that the magic touch can often be used to improve the price as well as the specifications! (One of our trade secrets is hard to steal: use of modern network synthesis with a digital computer.) Write for Bulletin F70.

WIDE-BAND RF TRANSFORMERS



COLUMBIA'S new Wide-Band Transformers have drastically enlarged pass bands combined with great flexibility in the choice of transformation ratios and impedance levels. The graph shows the frequency response for type RFT-100 and 50 Ω unbal/600 Ω bal impedance ratio and 0.25 db flat loss. Another popular model is type RFT-130 with a 1-30 passband and 50 Ω unbal/1200 Ω bal ratio and 1 db flat loss. Other features: low VSWR, compact design (1-7/16" cube), military or commercial packaging. Write for Data Sheet T400.

HumiSeal® PROTECTIVE COATINGS

HumiSeal coatings protect electronic components and assemblies from temperature extremes, humidity, fungus attack, dust, saline atmosphere and other environmental stresses. The table below lists our standard types. Several solderable one-component systems with unlimited pot life and room temperature cure are available. Our Engineers will assist you in selecting the best coating for your specific application. Write for Bulletins #C99 and #79.

TEMP. CLASS.	TYPE	SYSTEM DESCRIPTION
Class O 95°C	1A14	Single comp., air drying, solderable acrylic base.
	1A11	Single comp. fast air drying, flux type, solderable.
Class A 105°C	2A51	Solvent-free, two-comp., modified epoxy base.
	1A27	Single comp., fast air drying, solderable, polyurethane base.
Class B 130°C	1B12	Single comp., fast air drying, solderable, all-purpose.
	2B13	Two-comp. coating of superior mech., chem. and elect. properties.
	2B52	Solvent-free, two-comp., modified epoxy base.
Class F 155°F	1F18	Single comp., fast air drying, all-purpose acrylic base.
Class H 180°C	2H55	Solvent-free, two-comp., high temp. resistant.
	1H34	Single comp., fast air drying, high temp. resistant.

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WOODSIDE 77, N. Y. Telephone: YEllowstone 2-0800

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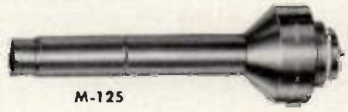
INSTRUMENTS FOR MEASUREMENT OF

VIBRATION AND SOUND PRESSURE

ACCELEROMETERS FOR VIBRATIONS

M-142C M-191A M-198A

MICROPHONES FOR SOUND PRESSURES



M-125

M-213 M-214 M-215

These rugged measurement standards incorporating ADP Crystals as the piezo-electric elements, have inherent long time stability and offer accurate reproducible characteristics over extremely wide frequency and dynamic ranges.

ACCELEROMETERS

MODEL NO.	FREQUENCY RANGE CPS	SENSITIVITY mV/g	WT. OZ.
M-142C	10-90,000	10	1/6
M-191A	10-34,000	40	1
M-198A	10-18,000	125	4

MICROPHONES

MODEL NO.	FREQUENCY RANGE CPS	SENSITIVITY μV/μbar	DIA. IN.
M-213	20-90,000	8.0	15/64
M-214 M-215	20-80,000	12.5	11/32
M-125	20-30,000	23.6	5/8

For additional data, send for bulletin:
VM-4B-Accelerometers SPM-4-Microphones

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HIGH SPEED

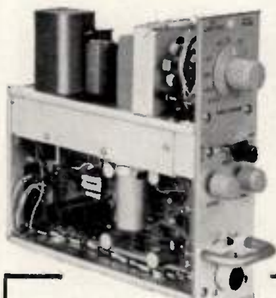
MORE DATA PER DOLLAR

MASSA RECORDING SYSTEMS

THE ONLY SOURCE FOR RECTILINEAR HIGH SPEED INK OR ELECTRIC WRITING

MODEL BSA-450

MODEL BSA-250



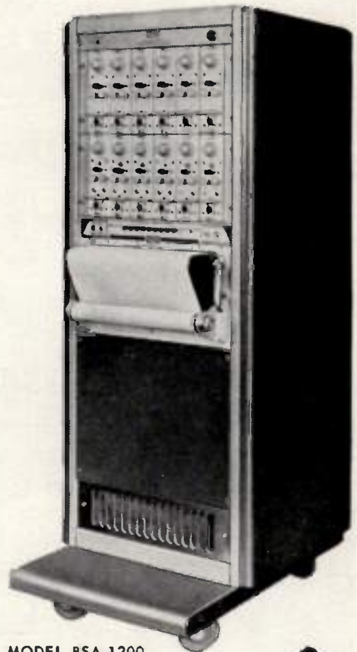
MULTICHANNEL RECORDING SYSTEMS—All 4, 6, 8, and 12 channel Basic System Assemblies (BSA) employ the exclusive patented Massa rectilinear writing oscillograph units for reliability, accuracy, and economy. Recorder Models can be supplied in a vertical rack cabinet or separately for mounting in a standard 19" RETMA rack. 4 and 6 channel recorders are available as portable units. Features Include:

- Rectilinear Motion — Ink or Electric Writing
- Available in 20 mm or 40 mm Amplitudes
- Individual Transistorized Driver Amplifiers and Power Supplies Provided for Each Channel
- Push Button Selection of 18 Chart Speeds Ranging from ½ cm/hr to 200 mm/sec
- Event Marker—Manual Event Marker and Automatic One Second Timer
- Remote Control Operation Availability
- Wide Choice of Plug-In Preamplifiers
- Reproducible Ink Traces on Inexpensive Chart Paper

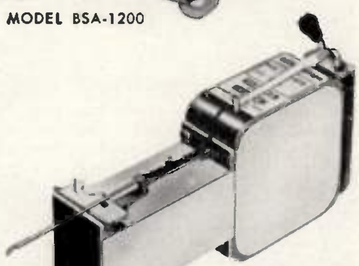
2 CHANNEL PORTABLE—These recorders, known as the Massa Meterites, are also available in 20 mm (Model BSA-200) and 40 mm (Model BSA-250) include most of the features listed for the multichannel systems. Standard Meterite chart speeds range from ½ mm/sec to 200 mm/sec.

DRIVER AMPLIFIERS—Driver amplifiers are an integral part of all Massa BSA recording systems. Transistorized driver amplifiers may be used differentially or single ended.

PREAMPLIFIERS — A wide choice of interchangeable plug-in preamplifiers are available to satisfy every recording requirement. See Models listed below.



MODEL BSA-1200



MODEL OS-600

OSCILLOGRAPH UNITS—The compact, patented Massa Oscillographs employ an acoustically damped electrodynamic system coupled to a linkage arrangement which produces true rectilinear displacement of the writing pen. Oscillographs are available in 2 models, OS-500 (20 mm full scale) covering a frequency range from DC to 200 cps, and OS-600 (40 mm full scale) covering a frequency range from DC to 120 cps. Each oscillograph has individual factory adjusted controls for accurately setting full scale linearity to less than 1%.

All oscillographs are designed for interchangeable electric stylus permitting electric writing if desired.

PREAMPLIFIERS* (When used in a Massa Recording System)

MODEL	PR-100 (Low gain DC)	PR-200 (Med. gain DC)	PR-300 (High gain DC)	PR-400 (Carrier)
SENSITIVITY	100 millivolts/mm to 200 v/cm.	5 mv/mm to 20 v/cm.	100 microvolts/mm to 2 volts/cm.	10 microvolts/mm (one active arm) Gauge Factor = 2.
RANGE SETTINGS	.1 to 20 volts/mm. in 8 steps	.05 to 20 v/mm or v/cm. in 9 steps	.1 to 200 millivolts/mm. in 11 steps	1, 2, 5, 10, 20, 50, 100, 200. in 8 steps
DRIFT	Less than 1/10 mm/hr.	Less than 2 mv equivalent input/hr at Max. Gain.	± 5 microvolts equivalent input/hr.	1/20 mm/hr.
INPUT IMPEDANCE	10,000 ohms/volt.	5 megs single ended, 10 megs differential.	500,000 ohms, min.	2,500 ohms.
CALIBRATION (internal)	1 volt.	½ volt.	1 millivolt.	100 microvolts equivalent input or 1% of full load transducer rating.
CARRIER FREQUENCY				Choice: Standard: 2,500 cps Optional: 500, 1,000 cps.

*Zero Suppression may be supplied on all preamplifiers with the exception of the PR-100.

MASSA
A DIVISION OF
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ELECTRONICS, INC.
275B LINCOLN STREET
HINGHAM, MASSACHUSETTS

CONTROL ELECTRONICS' BUYERS' GUIDE

C.E.C. has for years been engaged in the design and production of quality components and systems for both military and industry. A member of our engineering group will be happy to meet with you on any problems you now face.

FILTERS & TOROIDS

BF-139

45 mc band pass filter—3 db bandwidth ≅ 2.5% center freq—40 db rejection at $2F_0$ and $0.5F_0$—input and output impedance 1500Ω—Hermetically sealed in accordance with applicable MIL specifications—Dimensions: 4½" x 2" x 2½"

LF-197

3000 cps low pass filter—3 db @ 3000 cps—40 db @ 4000 cps—Attenuation at other frequencies specified—Input and output impedance 10,000Ω—Dimensions: 1⅝" x 1⅝" x 2⅜"

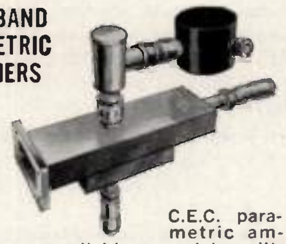
BF-128

45 kc resonant circuit—Max 3 db bandwidth: 4500 cps—Entire package requires only 0.4 cubic inches—Units available from 20 kc to 100 kc—Source impedance 3000Ω—Dimensions: ⅜" x 1⅛" x 1"

Hundreds of versions of the units shown as well as many other types of filters are offered by C.E.C. Our engineering group will be happy to meet with you and discuss your particular needs.

MICROWAVE COMPONENTS AND INSTRUMENTS

BROADBAND PARAMETRIC AMPLIFIERS



C.E.C. parametric amplifiers are available complete with pump A.F.C. and A.L.C. for application to your system at frequencies from U.H.F to K_u Band.

Your particular requirements can be satisfied merely by minor modifications of our existing designs.

WAVEGUIDE AND COAXIAL LINE BANDPASS FILTERS

C.E.C. offers a large selection of standard waveguide and coaxial bandpass, low pass, and high pass filters. Frequencies range from 100 mc to 60,000 mc. Higher frequencies on special order. Custom designs can be made to your specifications.

DUMMY LOADS

Light weight, high-power waveguide and coaxial dummy loads. Complete line available covering all waveguide and coaxial line sizes.

C.E.C. also has available—

Rotary Vane Fixed Attenuators, Tunnel Diode Amplifiers, Mixers, Thermistor Mounts, Power Meters and Microwave Duplexers and Multiplexers.

A representative of our Microwave Division will be glad to discuss your specific requirements.

DELAY LINES

ILLUSTRATED: CODING TYPE 20.3μsec

LUMPED CONSTANT
FIXED & VARIABLE

5 millimicro sec to .1 secs
Impedance to 20,000 Ω
Bandwidth to 250 mc

DISTRIBUTED CONSTANT
FIXED & VARIABLE

Delays to 30 μ sec
Impedance to 10,000 Ω
Bandwidth to 20 mc

MAGNETOSTRICTIVE
FIXED & VARIABLE

2-10,000μsec
Also available are driver & output circuits for the reshaping of pulses.

Numerous versions of the above models as well as a capability to meet all specifications enables C.E.C. to consistently supply the needs of industry. Our engineering staff is always at your service. Write today for complete literature on our product line.

CONTROL *Electronics* CO., INC.
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DATA RECORDERS EXPENSIVE ?

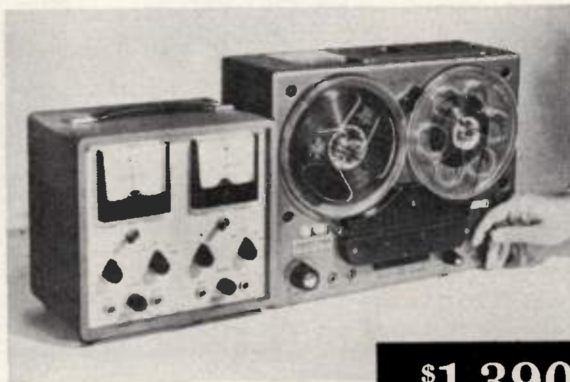
not any more

now . . . 0.2% precision in complete, easy-to-use, portable ANALOG TAPE RECORD/REPRODUCE SYSTEMS *at prices you can afford*

$2,950

MNEMOTRON model 204*
4-CHANNEL SYSTEM complete with tape transport

Any 2 of these speeds: 1⅞, 3¾, 7½, 15 ips
Frequency Response: • 0-800 cps @ 15 ips • 0-200 cps @ 3¾ ips • 0-400 cps @ 7½ ips • 0-100 cps @ 1⅞ ips
Extended frequency response available on request



$1,390

MNEMOTRON model 102A*
2-CHANNEL SYSTEM complete with tape transport

3 Standard speeds: 1⅞, 3¾, 7½ ips
Frequency Response: • 0-400 cps @ 7½ ips • 0-100 cps @ 1⅞ ips • 0-200 cps @ 3¾ ips
Extended frequency response available on request

COMMON SPECIFICATIONS FOR MNEMOTRON SYSTEMS

Input Sensitivity: full scale ±3 volts or ±10 volts
Input Impedance: 100 K Ω, high sensitivity, 330 K Ω, low sensitivity.
Speeds: 15, 7½, 3¾, and 1⅞ ips. For 2-channel systems, 15 ips and 15/16 ips available on request. 30, 15/16 and 15/32 ips available for 4 through 7 channel systems on request
Noise: Less than 50 db below full scale
Linearity: 0.2% of full scale
Temperature Stability: 0.1% per degree centigrade
Crosstalk between data channels: below 70 db
Output Impedance: 120 K ohms. 1 K ohms (for direct driving of low frequency paper recorders). Specify.
Output Level: full scale 1 volt
Output Unbalance: —1 volt for 0-volt in; may be readily balanced out on available pen recorders; balancing network available on request
Converter Power Consumption: 2-channel systems: 10 ma. at 6.7 volts per channel. 4 thru 7 channel systems: 14 ma. at 6.7 volts per channel. Choice of (a) Mallory Mercury battery with a lifetime of approx. 3 years in average usage, or (b) 0.05% regulated power supply, for 4 thru 14 channel systems
Weight of Converter: 6 lbs. per channel
Weight of Tape Transport: All systems through 7 channels—25 lbs.

SYSTEMS AVAILABLE WITH THE FOLLOWING FEATURES • ULTRA-HIGH PRECISION WITH OVERALL NOISE LESS THAN 60 DB BELOW FULL SCALE, WITH UNIQUE ELECTRONIC NOISE COMPENSATOR • 0.1% LINEARITY AVAILABLE WITH ULTRA-LOW NOISE SYSTEMS • TRANSPORTATION DELAY, CONTINUOUSLY ADJUSTABLE FOR ANALOG COMPUTERS • AVERAGE RESPONSE ON LINE COMPUTER CAT MARK II.

a price-plus-precision breakthrough,

pioneered by Mnemotron's unique pulsed FM principle and fully transistorized, self-contained, interchangeable modules.

- **RECORDS ALL ANALOG DATA DOWN TO—AND INCLUDING—DC IN ALL THESE INDUSTRIAL AND RESEARCH APPLICATIONS:**
  • Data acquisition, storage, analysis & reduction • Time scale contraction and expansion • Dynamic Simulation • Programming • Computer Read In and Read Out
- **EXPANDS USEFULNESS OF PAPER RECORDERS**
  • Extends frequency response and channel capacity • Saves you from being "snowed" with data • Lets you look at same data at different time scales • A permanent record even if paper is damaged

Write for complete application, price and delivery information on Mnemotron Analog Data Tape Systems and Computers for your specific needs.

*Also available: 6-channel system—$3,980 . . . and 7-channel systems (using ¼" tape); Up to 14 channels (using ½" tape)

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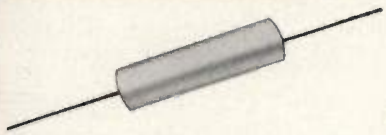
Precision Analog Data Tape Recorders and Biological Computers

TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.



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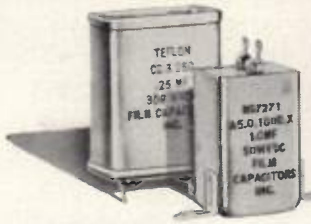
- Type MMS — H.S. Metal Shell
- Type MMB — H.S. Bathtub Case
- Type MMA — H.S. CP70 Case
- Type MMST — H.S. CP11 Case
- Type MMMR — Mylar® Wrapped, Round
- Type MMMF — Mylar® Wrapped, Flat
- Type MME — Ceramic Shell, Epoxy Fill

Same styles available in metallized paper; substitute "P" and for "M" in second letter of above types.

®DuPont Trademark



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- Highest Insulation Resistance
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- Lowest Power Factor
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- Low Temperature Coefficient
- Stable Operation Up to 85°C. (Polystyrene) and 200°C. (Teflon)

ADJUSTABLE CAPACITORS

- Large Capacitances at Close Tolerance
- Instantaneous Capacitance Changes without Drift Range
- Adjustment Range ±1% of Nominal Value
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- Same Electrical Characteristics as Above

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Low Current DC Applications
from 2 to 30 KV

ELECTRICAL CHARACTERISTICS

PART NO.	OUTPUT VOLTAGE	% RIPPLE AT RATED CURRENT	RATED CURRENT OUTPUT	MAX. CURRENT OUTPUT
PS – 2 S	2 KVDC	1%	5 MA	7.5 MA
PS – 5 S	5 KVDC	1%	5 MA	7.5 MA
PS – 12 T	12 KVDC	1.5%	1 MA	1.75 MA
PS – 15 T	15 KVDC	1.5%	1 MA	1.75 MA
PS – 30 T	30 KVDC	1.5%	1 MA	1.75 MA

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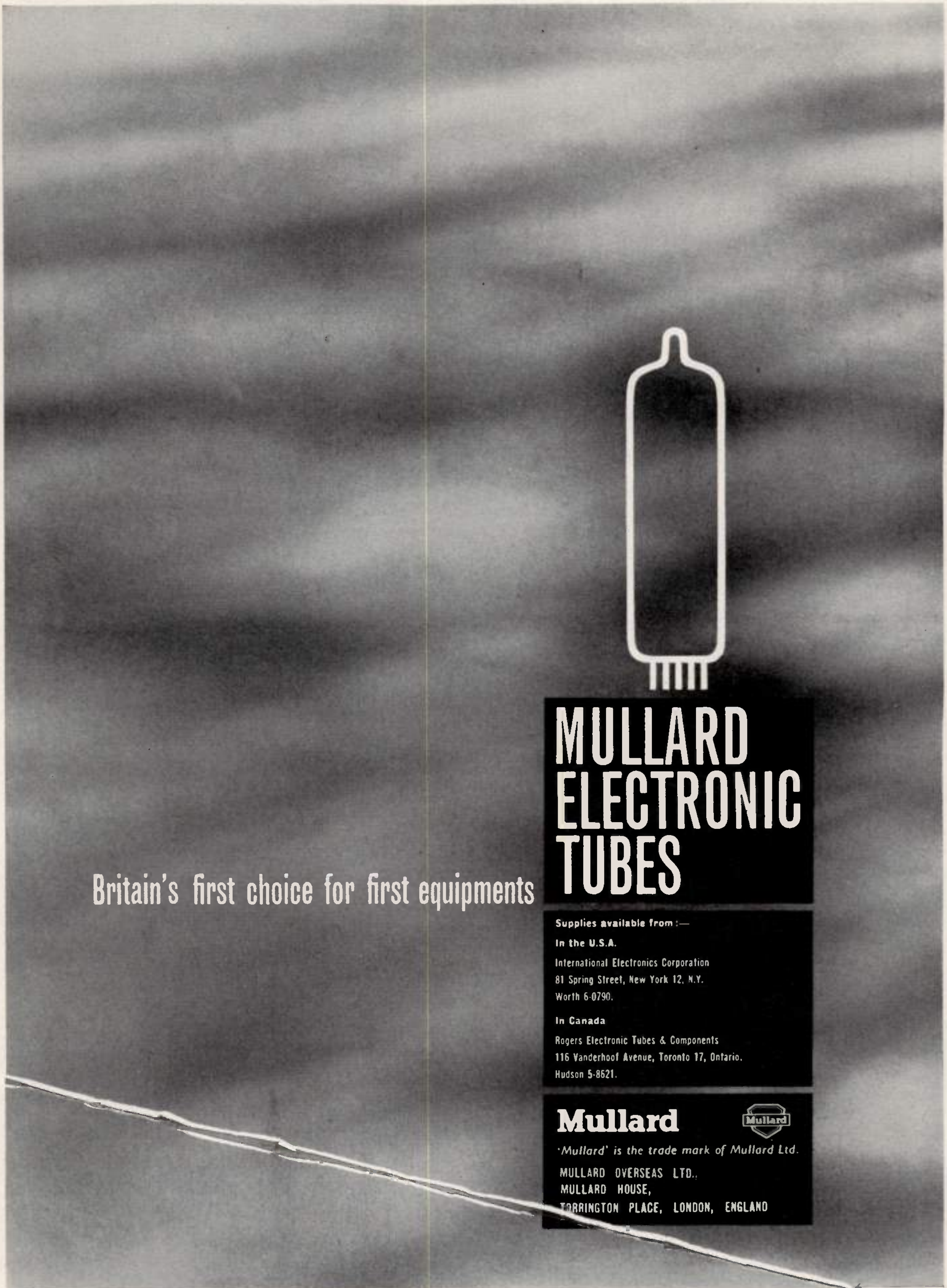
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- A.C. and D.C. Voltest Units
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Also Power Company Testing Equipment for quick, safe cable testing and fault locating.

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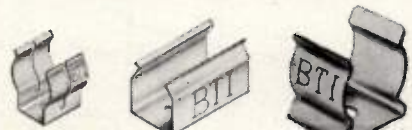

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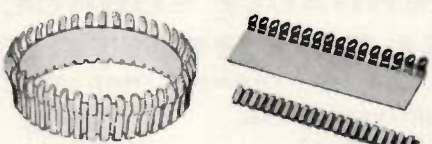

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reliable thru-hole construction

PC's famous plated-thru holes are substantially more reliable than eyelets under experimental cycling. Will pass MIL-E-5272A without a failure. Plating is dense, ductile and fine grained. Tuf-Plate holes assure reliable dip soldering as a homogenous portion of your circuitry.

PRINTED DC SERVO MOTORS
provide direct drive

PMI permanent magnet dc motors feature a disc-type armature with no rotating iron. They are ideal for instrument applications requiring unusually low inertia, smooth torque, high pulse torque capability, and minimum inductance. Applications include positioning servos, tape reel drives, numerical positioning devices, and intermittent motion systems.

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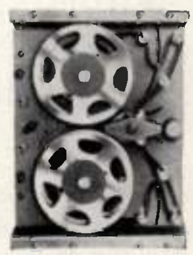
Landless, plated thru-hole construction saves up to 80% of board space. Components are the size limiting factors, not the circuitry. Each board has the same Tuf-Plate reliability—production proven in thousands of military uses.

PHOTOELECTRIC TAPE READERS
whisper-quiet operation

Direct tape drive from the printed motor makes Photocircuits tape readers unusually quiet, reliable and maintenance-free. The absence of brakes, clutches and pinch rollers eliminates the usual difficulties encountered with conventional tape transports. Line-by-line reading at speeds up to 300 characters per second. All models completely transistorized.



Timely tech bulletins written for engineers and designers who wish to keep pace with the newest developments in printed circuitry. Bulletins give specifics on materials, layout, design, assembly, etc. To receive them contact your nearest PC field office.

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Streamlined prototype system puts finished boards in your hands quickly. From quote to shipment, your requirements are handled rapidly . . . in a matter of hours. Complete and separate from general production, the Proto-Circuits Division is staffed by experts to help you with money-saving pre-production boards.

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fast service on prototypes

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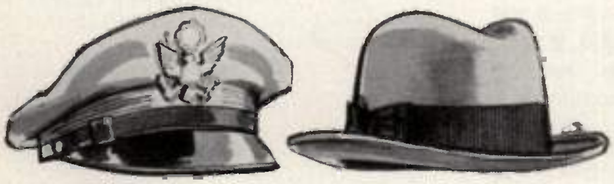

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Send us your specifications. Let us submit our proposal without obligation...Our service is as reliable as our products!

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Fractional, sub-fractional. Induction and hysteresis types with associated gear reductions. Available in 50, 60, 400 cycles, single, dual and variable frequency, dual voltage. Single-, two-, three-phase operation. Horsepower from 1/3500 to ½. Dia. from 1" to 6⅝".

ALTERNATORS

From 1" to 6⅝" diameters. Power to 1000 VA. Wide frequency range. Low harmonic content. Sine waves with maximum 2% total distortion. Single-, dual- (sine-cosine), three-phase. Dual frequency units, for special applications, produce a combination of frequencies.

SERVO MOTOR GENERATORS

Avail. in Sizes 8, 10, 11, 15 & 18. Damping servo motor generators (tachometers) and temperature compensated, integrating tachometers — supplied as tachometers only or with integral servo drive motor. Special voltages, scale factors and different compensation characteristics can be provided.

SERVO MOTORS & INERTIALLY DAMPED SERVO MOTORS

The basic actuating devices in AC automatic control systems. Provide dynamic response, reliability in extreme environments and high efficiency. Supplied with leads or terminals, with special voltage and power ratings and with precision gear heads for any reduction ratio. Sizes 8, 10, 11, 15 & 18.

BLOWERS & FANS

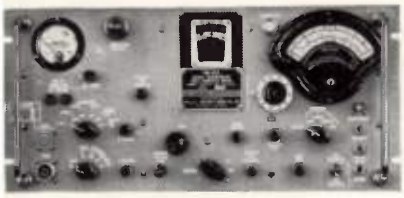
Light weight centrifugal blowers, ring mounted fans and vane axial fans. Capac. to 1000 cfm. Special designs available for high static pressures. Single, double ended, 50, 60, 400 cycles, special frequencies and variable frequency (50-450 cycles, 360-1600 cycles, etc.).

STODDART RFI MEASURING SYSTEMS 30 cps to 10 kmc

Stoddart RFI instrumentation is an approved standard of the services. It is designed to comply with the DOD's RFI Compatibility Program and Spectrum Signature Plan MIL-STD-449. This equipment is approved for interference measurements required by the following Military Specification series:

MIL-I-6181	MIL-I-16910 (Ships)
MIL-I-11748 (Sig. C)	MIL-I-26600 (U.S.A.F.)

Stoddart instrumentation is also approved for measurements in accordance with other Military Specifications, S.A.E. and F.C.C. requirements and can be supplied with C.I.S.P.R. recommended time constants.



NM-40A (AN/URM-41)
30 cps to 15 kc

NM-10A (AN/URM-6B)
14 kc to 250 kc

NM-30A (AN-URM-47)
20 mc to 400 mc

NM-52A (AN/URM-17)
375 mc to 1000 mc

NM-20B (AN/PRM-1A)
150 kc to 25 mc

NM-62A (AN/URM-138)
1000 mc to 10 kmc

Equipments are portable, dripproof, dustproof and ruggedized for all-weather field use . . . precise and dependable for sensitive-selective laboratory measurments.

Precision measurements are assured by calibration methods using equipment with accuracies traceable to the National Bureau of Standards.

Instrumentation covering the range 30 cps to 1,000 mc available for immediate delivery from stock.

DISCONE ANTENNA

The 91280-1 Discone Antenna is patterned after a Signal Corps design. It is a broadband antenna used for performing interference measurements within the frequency range of 20 mc to 1000 mc. The discone can be used with the Stoddart NM-30A, NM-50A and NM-52A instruments for measurements in accordance with military specifications requiring this antenna.

UHF BROADBAND ANTENNA

The Broadband Bowtie Antenna, Model 91597-2, requires no tuning adjustment and allows rapid frequency scanning over the range 375 to 1000 mc. It can be used to advantage with any receiver or calibrated voltmeter, such as the Stoddart NM-52A, when a minimum time loss in the adjustment of the antenna is important.

STODDART
AIRCRAFT RADIO CO., INC.

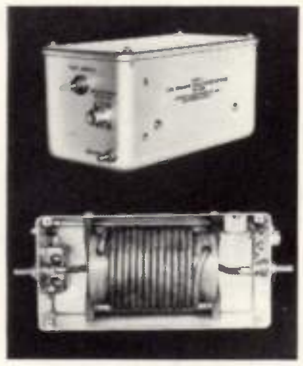
ADDITIONAL OPERATING ACCESSORIES

R-F CURRENT PROBE

Used as an accessory device with calibrated radio interference measuring equipment, the Stoddart Model 91550-1 R-F Current Probe is a "clamp-on" type R-F current transformer. The current probe is approved and used to measure conducted radio interference currents in accordance with Military Specifications MIL-I-26600 (U.S.A.F.) and MIL-I-6181D.

IMPULSE GENERATOR

The 91263-1 Impulse Generator is used to check RFI meter calibration, for substitution-type RFI measurements of impulse interference signals, impulse bandwidth determination of receiving equipment, etc. This impulse generator provides a maximum output of 101 db above one microvolt-per-megacycle, adjustable in one-quarter db steps from 10 db to the maximum output. It is approved by MIL-I-6181D, MIL-I-26600 (U.S.A.F.) and MIL-I-11748B (Sig. C.).



LINE IMPEDANCE STABILIZATION NETWORKS

Specifically designed for U.S. Navy and U.S. Air Force interference testing, the Stoddart Line Impedance Stabilization Networks are available in 50 and 100 Amp. models. Conducted interference acceptance tests may be performed upon equipment using the Line Impedance Stabilization Network in conjunction with Radio Interference-Field Intensity meters.

STODDART COAXIAL ATTENUATORS 50 & 70-OHM TERMINATIONS

Made with exclusive Stoddart film resistors for highly accurate and stable operation from dc thru 3000 mc. 50-ohm terminations are also available for operation from dc thru 7000 mc. Attenuators are available in any value from 0 thru 60 db.

2, 6 and 10 position turret attentuators offer quick removal, replacement or rearrangement of pads.

Common db values are available for immediate delivery.

VLF TRANSISTORIZED RECEIVER

This VLF Transistorized Receiver, Model 289-1, is truly pocket-size, measuring 1"x 3¼"x 4" and weighing only 10 ounces. As many as 5 crystal-controlled frequencies, between the range of 14 kc and 22.3 kc are available. The receiver operates continuously for 100 hours with its internal battery.

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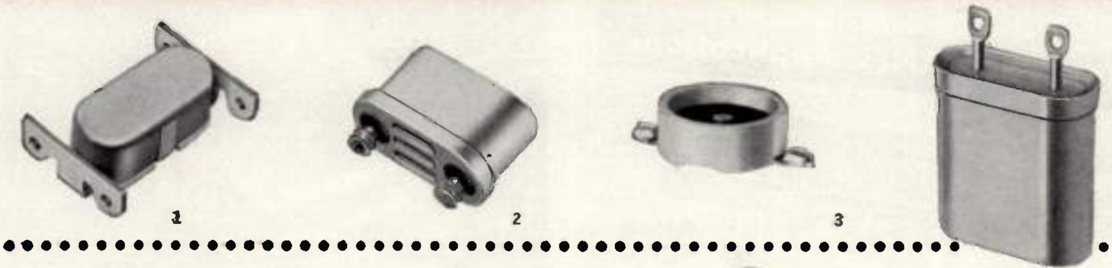

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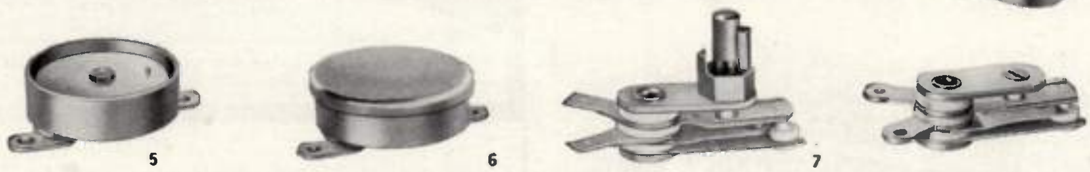

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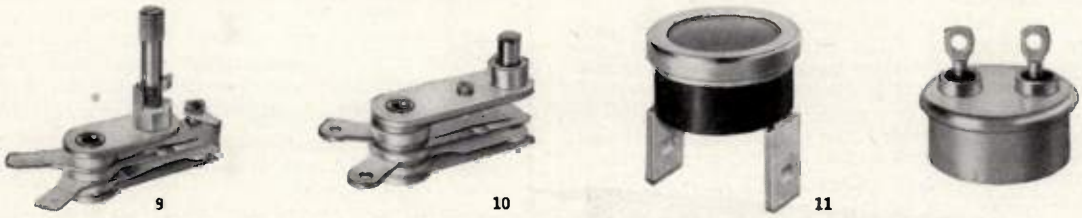

9 10 11 12

13 14 15 16

1, 2, TYPE C† semi-enclosed (1), hermetically sealed (2). Small, positive acting with electrically independent bimetal strip for operation from -10° to 300°F. Rated at approximately 3 amps, depending on application. Hermetically sealed type can be furnished as double thermostat "alarm" type. Various terminals and mountings. Bulletin 5000.

3, 4, TYPE M*† semi-enclosed (3), hermetically sealed (4). Snap acting bimetal disc types for electronic applications from —50° to 300°F. Rating: 3 to 10 amps at 115 VAC and 28 VAC/DC. Semi-enclosed with virtually any type terminal; hermetically sealed with pin or solder terminals, wire leads, various mounting brackets. Bulletin 6000.

5, 6, TYPE MX† semi-enclosed (5), hermetically sealed (6). Snap acting miniature units to open on temperature rise for missile, avionic, electronic and similar uses. 2° to 6°F differentials available. Rated at 3 amps to 1 amp, depending on duty cycle, at 115 VAC and 28 VAC/DC. Semi-enclosed types with metal or ceramic bases; hermetically sealed in circular or CR7 cans. Various terminals, mountings, brackets, etc. Bulletin 6100.

7, 8, TYPE S*† adjustable (7), non-adjustable (8). Positive acting with single stud or nozzle mounting. Operation to 600°F. Rated at 15 amps at 115 VAC, 7 amps at 230 VAC. Spade, screw or formed terminals, various adjusting stems, etc. Bulletin 1000.

9, TYPE SA*† adjustable, or non-adjustable. Snap acting with electrically independent bimetal. Also single-pole, double-throw. Single stud or nozzle mounting. Rated at 1650 watts at 115-230 VAC only. Spade or screw terminals. Bulletin 2000.

10, TYPE SM*† manual reset. Electrically same as Type SA except for manual reset feature. Bulletin 2000.

11, 12, TYPE A*† semi-enclosed (11), hermetically sealed (12). Insulated, electrically independent bimetal disc gives fast response and quick, snap action control for electronic and apparatus applications from -50° to 300°F. Lower or higher on special order. Rating: 4 to 15 amps, depending on duty cycle, at 115 VAC and 28 VAC/DC. Various enclosures and mountings, including brackets. Bulletin 3000.

13, POTTED TYPES A* & G*. For refrigeration, air conditioning, or applications requiring a sealed thermostat, the Types A and G are available with lead wires and epoxy sealed. Type G is shown. Various mounting brackets. Bulletin 3000 for Type A, Bulletin 3500 for Type G.

14, TYPE R*† sealed adjustable, sealed non-adjustable. Positive acting for operation to 600°F. Rated at 15 amps at 115 VAC, 4 amps at 230 VAC. Screw terminals. Bulletin 7000.

15, TYPE W*† adjustable, or non-adjustable. Snap action bimetal strip type for operation to 300°F. Depending on duty, rated: 5 to 10 amps, 115 or 230 VAC. Screw or nozzle mountings; spade or screw terminals. Bulletin 4000.

16, TYPE G* exposed, or enclosed bimetal disc types, or epoxy sealed for moisture and dust resistance. Snap action for positive and instantaneous opening or closing of electronic and avionic circuits to 300°F. Various mountings and terminals. Bulletin 3500.

Illustrations, for general information only, do not necessarily show size comparisons. Fully dimensioned and certified prints on request. Manufacturer reserves right to alter specifications without notice.

***Refer to Guide 400 EO for UL or CSA approved ratings.**

†These thermostats covered by patents issued or applied for. A-3579A

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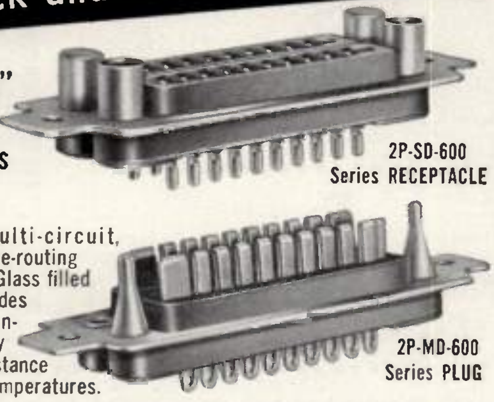
For RACK and PANEL Applications



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2P-SD-600 Series RECEPTACLE

2P-MD-600 Series PLUG

Ideal for multi-circuit, switching or re-routing applications. Glass filled "DIALL" provides excellent dimensional stability and high resistance at elevated temperatures.

Female contacts designed to provide low millivolt drop after repeated insertions and assure positive contact under extreme vibration. Contacts are of spring tempered phosphor bronze, gold-plated which will not tarnish or corrode and provide good solderability for an indefinite period.

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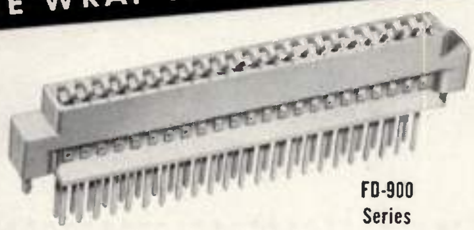

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These printed circuit card receptacles meet most rigid requirements of military applications. Can be used with single or double-sided printed circuit boards. Contact terminals of the preferred wire wrap type spaced on .200 grid centers provide rapid, dependable mechanical connections through use of individual wrapping gun or programmed automatic wiring.

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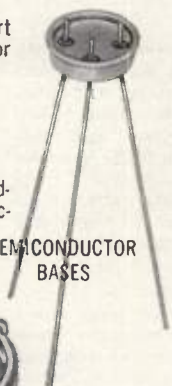

SEMICONDUCTOR BASES

RELAY HEADERS

Illustrated literature and technical data are available upon request. We invite your inquiry.

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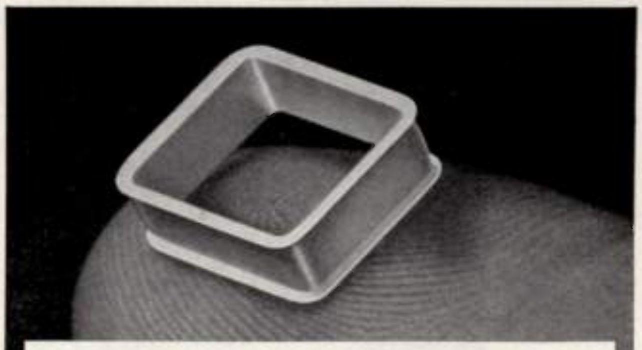

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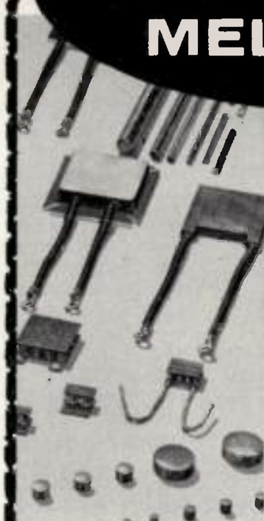

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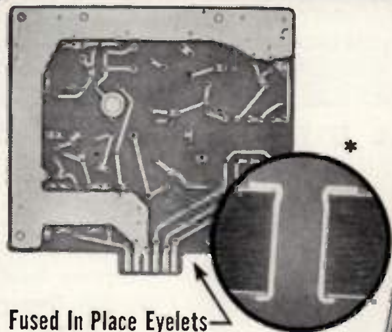

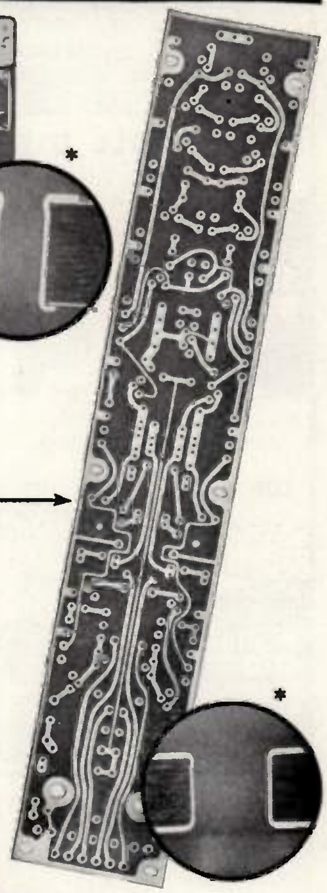

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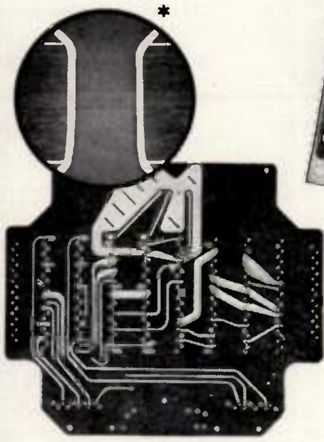

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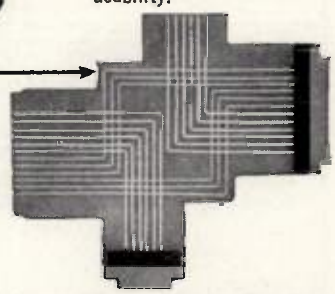

*37 to one micro photographic cross-section view

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DOUBLE DIFFUSED SILICON RECTIFIERS
all hermetically sealed

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P.I.V.	50 to 2,000 Volts
Current	.5 to 50 amps
Forward Drop	.8 to 1.1 Volt
Operating Temperature Range	–65° to 150° C

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No insulating hardware needed

P.I.V.	50 to 2,000 Volts
Current	.5 to 6 amps
Forward Drop	.8 to 1.1 Volt
Operating Temperature Range	–65° C to 150° C

LEAKAGE IN MICROAMP RANGE

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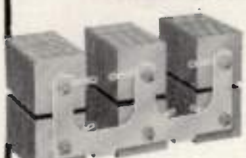

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High reliability is obtained through the new technology of the planar structure combined with the passivated surface.

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Capacitance less than 2 UMF at 0 volt bias
Over 10 MA forward conductance at 1.0 volts
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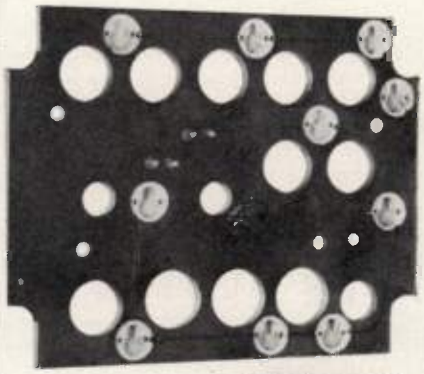

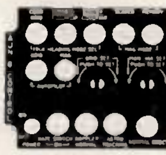

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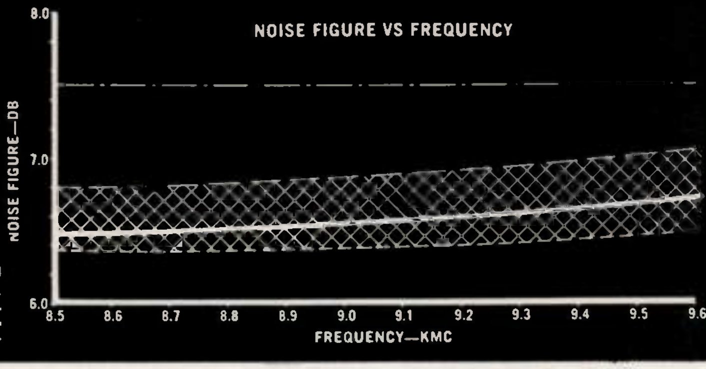

IF AMPLIFIERS and PREAMPLIFIERS

LEL Series No.	Center Frequency	Bandwidth	Gain	Noise Figure	Notes
20	24mc, 30mc, 43.5mc, 60mc	10mc (1db)	60db	—	Wideband for lab receivers and noise figure test sets
21	30mc	2mc (3db)	120db	1.5db	Radar and Missile
30	30mc, 60mc	2mc	110db	1-1.5db, 2-2.5db	Miniature — 6 models each CF to match various sources.
31	30mc, 60mc	8mc	30db	1-1.5db, 2-2.5db	Same as Series 30
60	30mc, 60mc	8mc	90db	—	Miniature—6 stages IF amplification
65	60mc	11mc (1db)	24db	3.5db	Subminiature preamplifier
66	60mc	11mc (2db)	70db (IF) 40db (Video)	—	Subminiature main amplifier
67	60mc	10mc	—	—	AFC unit—used with IF65, 66 in broadband, high resolution radar
80	30mc, 60mc	3mc (nom.)	100db+	9db	Prototype system work — or convert radar, missile circuitry to transistor form
81	30mc, 60mc	3mc	100db	2.5db, 3.5db	Transistorized hybrid — low power drain, ruggedness, low noise
82	60mc	10mc	75db	—	Missile amplifier — Shock: 30G Acceleration: 80G, Vibration: 2-2000c @20G
83	60mc ±1mc	8mc ±1mc	100db ±6db	20db (nom.)	Transistorized hybrid
86	60mc	20mc	26db	4.25db	Transistorized preamplifier
301	30mc, 60mc	10mc	90db	1-1.5db, 2-2.5db	Wideband IF Amplifier

Series 20 Wideband IF Amplifier

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Telemetry Preamplifier

The first of a series of stable reactance amplifiers designed to achieve the latest state-of-the-art improvement in antenna preamplifiers.

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Passband 225-260mc
Gain 25db
Noise Figure .... 1-2db (depending on varactor)

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Solid-State Microwave Receiver
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LR-1410
Precision Laboratory Receiver
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AMPLIFIERS

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TWT-10CM
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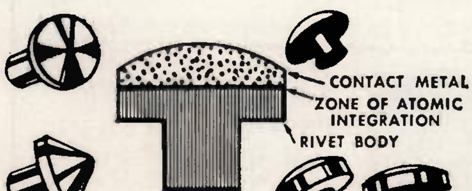

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Made in flat, radius, full crown or conical face of either precious or semi-precious metals. Shanks may be solid, indented or tubular; of copper, steel or other base metals.

PLUS VALUES

- Contact facing is bonded directly and is integral with the rivet body without any contaminating layer of brazing material or flux.
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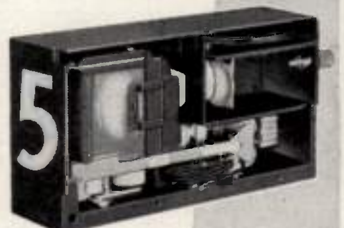

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Self-Decoding Alpha-Numeric Readout

Applications: Connected directly into computers, teletype, etc.
Features: Electro-magnetic operation, low power (10 milliwatts), accepts BCD code to 6 bits, does own translating.
Specifications: 1⅜″ high character, module size 1¾″ x 3¼″ x 6¾″

Price Complete from $50.00

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ENDEVCO TRANSDUCERS, AMPLIFIERS AND CATHODE FOLLOWERS

SHOCK ACCELEROMETER

MODEL 2225 ACCELEROMETER accurately measures shock and impact transients because of high resonance frequency of 80 Kc (Nominal). Dynamic range of this new transducer is a maximum sinusoidal 10,000 g and a maximum shock of 20,000 g with a 75 μsec half sine pulse. This high g range together with the low sensitivity make it ideal for high level shock testing. Nominal sensitivity is 0.6 pk-mv/pk-g with 300 pf external capacity. This new Endevco product weighs only 0.46 oz. (13 grams) and is 0.52" high with a 9/16" hex base.

RING SHAPE ACCELEROMETER

MODEL 2221C ACCELEROMETER is a small, light-weight unit (11 grams, including mounting screw) which may be installed close to bulkheads, in corners and in locations inaccessible for transducers of conventional design. Full 360° of connector orientation is possible. It is electrically isolated from the structure whether the 6-32 insulated mounting screw is used or whether it is cemented. Model 2221C features a new PIEZITE® Element Type VI which provides 13 pk-mv/pk-g sensitivity with 950 pf capacity and a nominal resonance frequency of 30 Kc.

TELEMETRY SIGNAL CONDITIONERS

MODEL 2630 SERIES are all transistorized, one-package systems with variable features to meet the varied requirements of telemetry systems. **Filtering, biasing, limiting,** extra power regulation, extra amplification, and calibration insertion are all available. A unique feature is that the filter can be in front of the amplifier. This is possible because of the charge amplifier which is used (see Model 2620 Amplifier). For optimum accuracy and reliability consider a 2630 Series unit with a Model 2242M5 Accelerometer and a Model 2980B Insulated Stud.

REQUIRES NO ELECTRONICS

MODEL 2215 ACCELEROMETER measures vibration from below 10 cps to above 5 Kc without any auxiliary equipment except a standard vacuum tube voltmeter or oscilloscope. Extremely high internal capacity of 9500 pf means that cables of 100 feet and over have minimum effect on sensitivities. This accelerometer's high capacity virtually eliminates any cable noise problem so that very low g levels can be accurately resolved. Sensitivity is 8 pk-mv/pk-g.

LABORATORY A.C. INPUT AMPLIFIER

MODEL 2614B. AMPLIFIER has the greatest versatility of all Endevco amplifiers in shock and vibration work. It provides a very high input resistance of 1,000 megohms and gains of 1, 3 or 10 into an output load of 2500 ohms or more. The high input resistance of 1,000 megohms (with or without DC isolation) is ideal for extending the low frequency response of Endevco piezoelectric gages. A three decade switch is provided on the input to allow transducer standardization by shunt capacity across the input. These same features are available in a 3-channel rack mounted version—the Model 2616B.

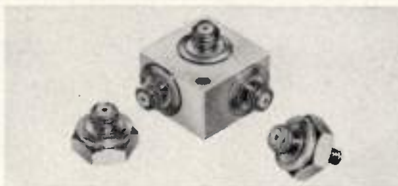
HERMETIC SEAL ACCELEROMETERS

MODEL 2213M5 ACCELEROMETER meets MIL-E-5272C. Basic design is the widely used Model 2213. Sensitivity 43 pk-mv/pk-g. Rated to +230°F. Endevco designs meet Grade A hermetic seal defined in MIL-S-8484 (USAF). Resonance frequency 30 Kc.

MODEL 2235 ACCELEROMETER uses PIEZITE® Element Type VII rated to +350°F. Sensitivity 25 pk-mv/pk-g. Frequency response ±5% to 8 Kc.

DYNAMIC PRESSURE PICKUP

MODEL 2500 SERIES PRESSURE PICKUPS are piezoelectric self-generating transducers which feature large outputs up to 80 pk-mv/pk-psi, very fast rise time of approx. 5 microseconds (0 to 90%) and flat frequency response of 2 to 10,000 cps (±5%) with 1000 megohm load. Static pressure components do not produce any voltage output. Variations in liquid or gas pressure produce voltage outputs in direct relation to the input variations. All Pressure Pickups now feature the new Endevco PIEZITE® Element Type VI. Model 2501 series for general applications—Model 2502 series for high temperature work—Model 2503 for turbulence measurements and very small size. These features make them suited for acoustic and blast measurement.



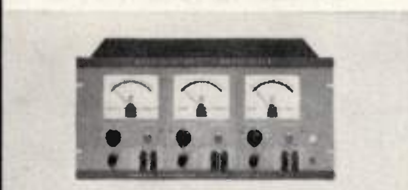
MICROMINIATURE ACCELEROMETERS

MODELS 2226, 2227, and 2228 Accelerometers provide a new dimension in microminiature accelerometers without sacrificing the essential accuracy, sensitivity, and ruggedness which are necessary to obtain good data. They have an output of approximately 5.0 pk-mv/pk-g with six-foot cables. The Model 2226 is designed for cement mounting with weight of only 2.75 grams. Size 3/8" hex x 3/16" high. The Model 2227 has 6-32 integral stud. Weight 3.1 grams. Size same as 2226 plus 3/16" stud. The Model 2228 is triaxial with electrical isolation. Weight is 16.5 grams. Size 0.6" x 0.6" x 0.42". All above dimensions exclude connectors.

HIGH TEMPERATURE ACCELEROMETER

MODEL 2242 ACCELEROMETER measures vibration and shock at +500°F (and even higher for brief exposures) without cooling or correction. It is very stable and has no sensitivity change (hysteresis) after successive heat runs. Sensitivity changes ±5% or less from —320°F to +500°F. These unique characteristics are made possible by Endevco's PIEZITE® Element Type II. Sensitivity is 10 pk-mv/pk-g and resonance frequency is 40 Kc.

MODEL 2242-M5 ACCELEROMETER incorporates provision for inserting a calibration current through a precision resistor built into the base of the accelerometer. The case is hermetically sealed by resistance welding. Thermal radiation shielding is provided by a double-walled case.



COMPLETE LABORATORY SYSTEM

MODEL 2702B. DYNA-MONITOR is an integrated system which saves time and trouble in laboratory work. **Driven Shield** cable allows the 2702B to be remotely located from a shaker without capacitive signal attenuation. **Power Amplifier** will drive any high frequency galvanometer directly. **Precision VTVM** readout can also be calibrated in g's by simple procedure. Large meter for each of three channels is easy to read and a relay for "shut down" is optional. **Integrated Power Supply** simplifies lash up and saves space. Provision is made at front for convenient **oscilloscope output** and filter insertion. **High gain** is available with 10 mv input giving full scale reading and 6.0 volts rms output & 85 Ma peak.

Complete calibration services are available from Endevco for shock calibration, vibration calibration to 10 Kc, sensitivity variation with temperature, cross-axis response, and high level (100 g's) vibration. Write for Calibration Services Data Sheet.

For additional technical information contact these Endevco Field Engineer Offices or write direct.

Endevco Corporation
Mills Building
Gates Mills, Ohio
Telephone: Cleveland
HAmilton 3-4780

Endevco Corporation
195 Nassau Street
Princeton, New Jersey
Telephone: WAlnut 4-3297

Endevco Corporation
440 Lexington Street
Auburndale 66, Massachusetts
Telephone: WOodward 9-8063

Endevco Corporation
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Telephone: TAlcutt 5-4600

Endevco Corporation
P.O. Box 7505
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Telephone: VAlley 5-1335

Endevco Corporation
201 Town & Country Village
Palo Alto, California
Telephone: DAvenport 6-3192

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ENDEVCO CORPORATION

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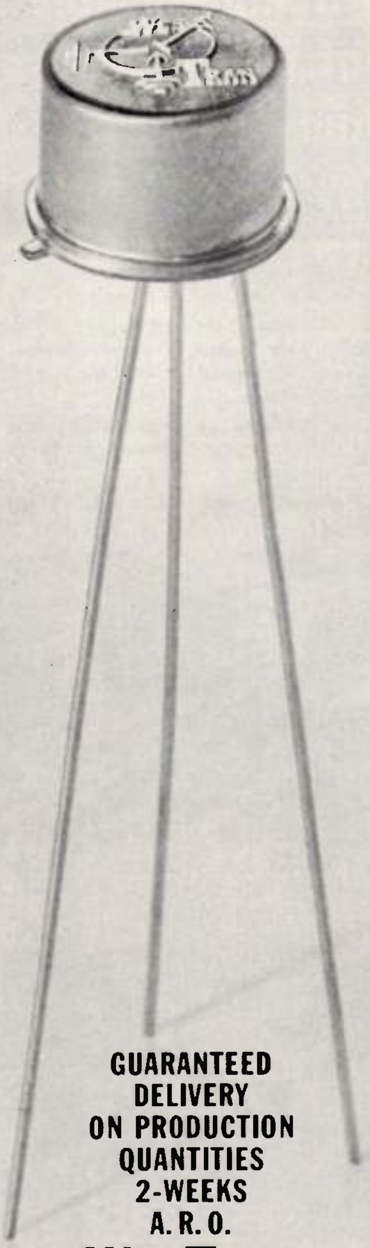

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ALLOY JUNCTION

TRANSISTORS

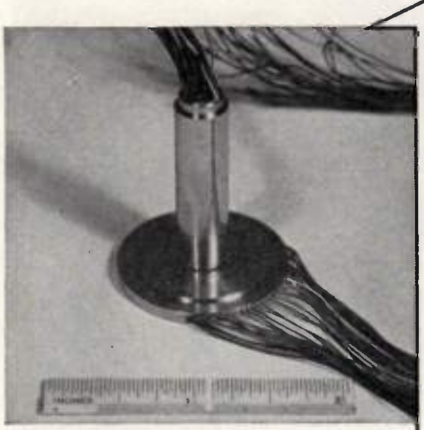
TYPES
2N327A-28A-29A
2N1228-29-30-31-32-33-34

SMALLER QUANTITIES—for engineering samples or prototypes are available from stock for immediate delivery.

ENGINEERING SERVICES for custom design applications also available.

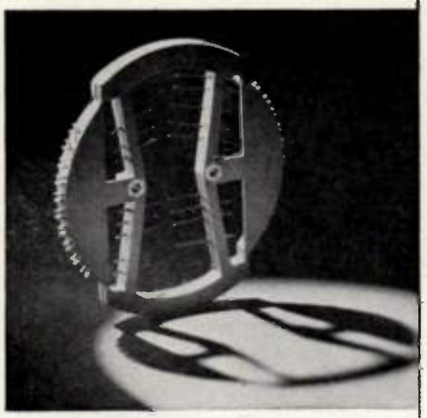
WesTran
WESTERN TRANSISTOR CORP.
13021 South Budlong Avenue
Gardena, California
FAculty 1-5741

NEY OFFERS



COMPLETE ASSEMBLIES

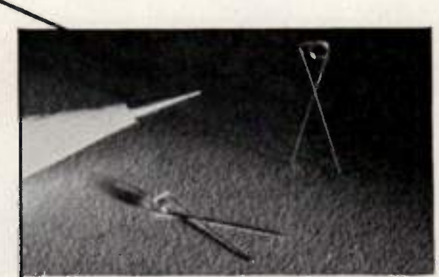
This 32-ring slip ring assembly was developed for the Instrumentation Laboratory, M.I.T., for use in the Navy's Polaris Missile Development Program. On such projects, Ney can work to customers' specifications or will go further and undertake the complete design and manufacturing functions.



MOLDED ASSEMBLIES

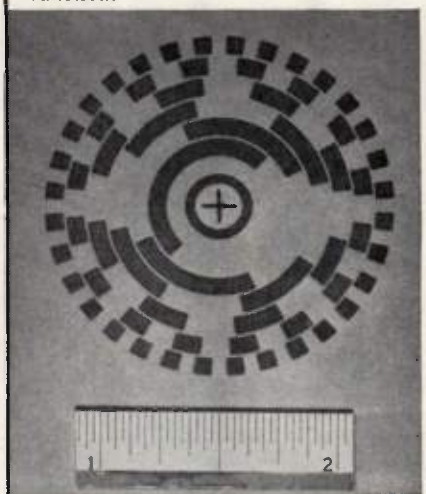
Ney molded assemblies save tremendously in handling time and expense of assembly operations. A series of brushes molded into a single assembly at the desired angle minimize the cost of lining up, and the desired gram pressure can be assured by deflection of straight wires. Three types of molding are used, injection, transfer and casting.

Write Dept. D for detailed information, or call our Engineering Department (Hartford, CHapel 2-2281).



PRECIOUS METALS AND PARTS

Ney manufactures its own precious metal alloys which are available as strips, wire or fine wire. Ney also manufactures precious metal parts, stamped, machined, formed or welded. Here again, Ney will work to customers' specifications or supply the design engineering function.



NEYBOND AND NEYETCH

NEYBOND is a new development in which thin sheets or stamped patterns of precious metal alloys are bonded to a rigid insulator. NEYBOND gives the advantages of solid, homogeneous, proven precious metal alloys, exceptional peel strength, absence of porosity and base metal migration and surface contamination, and elimination of rejects due to pits, inclusions and flaky plating. It is also now possible to fabricate flat Neyoro G NEYBOND patterns by an etching process called NEYETCH, thus eliminating expensive machining or stamping operations, and allowing manufacture of complex configurations for commutators almost unlimited in shape.

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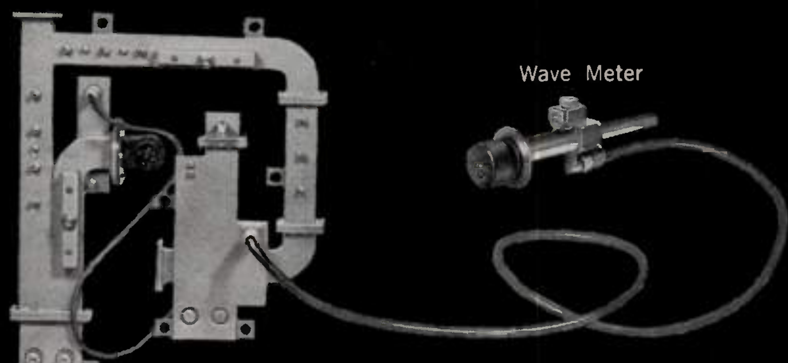
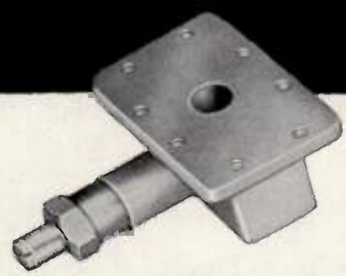
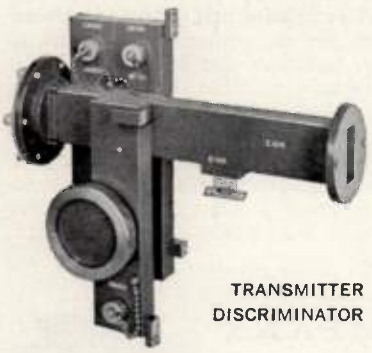


Filter mixer plus Pound discriminator
plus reference cavity



REFERENCE CAVITY

MIXER



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DISCRIMINATOR

Portchester is a company devoted exclusively to the design and manufacture of waveguide link components. Through specialization, Portchester has developed advanced engineering abilities and economical, streamlined production facilities capable of producing complete assemblies under our own rigid testing and quality control

In addition to accurately and faithfully producing to your specifications, Portchester can often effect production economies and increase operating efficiency through design improvements. Our specialized engineering experience is at your disposal when you contact us for:

- *Tees*
- *Loads*
- *Converters*
- *Hybrids*
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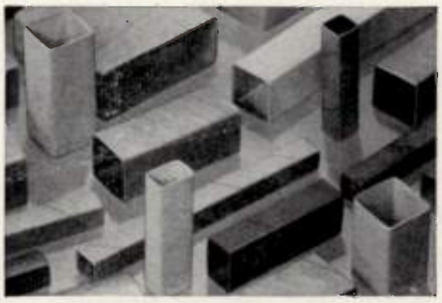
PLUS expert mandrel and fabricating service.

Round Tubes: widest variety available . . . any decimal size to 8" I.D. . . . specials of all types.



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Bobbins: fabricated or molded . . . any shape or size spool or flange . . . specials of all types.

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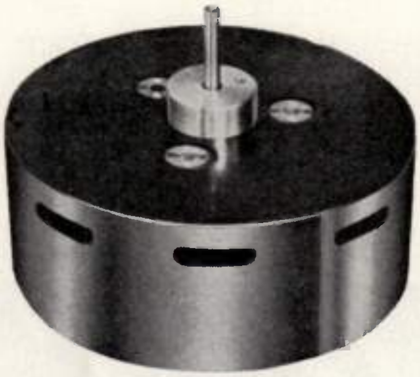
PRECISION

Single & Multi-Speed Hysteresis Synchronous MOTORS



Available from Stock

Unique Axial Air Gap Design (Pat. Pend.) Provides vane-cooled hysteresis synchronous motors in smallest sizes obtainable for 360 through 3600 rpm. Compact Design. Pancake-type 2" vertical by 4" or 5" diameter depending on speed combination.

7 Standard or Multi-speed models

Designed to provide constant speed with low induced flutter for capstans, memory drums, pulse generators, etc.

Rotax Shielding retains stray flux.

Design simplicity for quality assurance. Rotax hystersesis synchronous motors have only 5 major precision parts.

Precision thick-wall sintered oilite or ball bearings used as required by torque factor to provide long service life. Ambient range —32 to 135°C.

Shaft runout for tape drives can be furnished with integrally ground capstans held within .0001" T.I.R. and with less than 50 micro-inch finish.

Special Designs. Rotax engineering department will adapt the unique advantages of this design to meet special motor requirements. Submit operating specifications.

Typical Applications. Tape Transports — Turntable Drives — Missile and Aircraft Instrumentation — Viscometers — Flow Meters — Dynamometers.

Write for Bulletin R-61.
Factory representatives desired in key areas.

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Specialists in the design and manufacture of microwave components in the missile and guidance fields, Premier offers unsurpassed engineering knowledge and experience plus modern manufacturing facilities and the most advanced and accurate testing equipment to keep your job on target.

ENGINEERS can depend upon Premier to meet the most exacting specifications and, through precise quality control, deliver complete uniformity and operating performance.

BUYERS concerned with both initial and long range costs find at Premier facilities geared to produce competitively as well as design engineering which can often effect further economies through more accurate interpretation of performance requirements and improved working efficiency.

Premier's Engineering Division is qualified to tackle any problem, whether it involves a standard waveguide unit or an intricate new design. Our complete model shop is also available to aid in your developmental work. Bring your problem to Premier . . . Premier will bring the answer to you.

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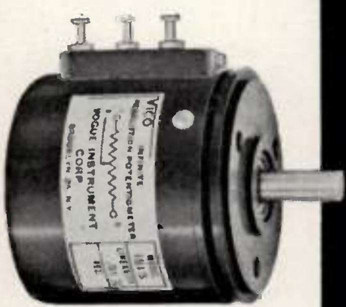
Bulletin No. 1503

Model 100A

Model 106S



Model 181S

Infinite Resolution with *Stability*

Outstanding Features

- Infinite Resolution
- .01% Linearity
- Low Noise
- Long Life
- Low Torque
- Low Inductance and capacitance

	Model 100A & 106S	Model 181S
Maximum Resistance	6,000 Ω	30,000 Ω
Resolution	Infinite	Infinite
Linearity (independent)	.01%	.01%
Number of Turns	1 to 20	1 to 40
Power rating maximum	1.5 watts	8 watts

DESCRIPTION

The Vico infinite resolution wirewound potentiometers utilize a unique design in which a precious metal brush of extremely light contact pressure, slides across a single helically wound length of resistance wire. The precious metal brush follows the exact helical path of the resistance wire, thus no sliding or helical error occurs between the contact and wire, insuring extremely long wire life, a true stepless output, high accuracy, and low electrical noise.

The use of a non-metallic wire form of exceptional dimensional stability and low thermal coefficient of linear expansion, results in extremly high insulation resistance and low inductance and capacitance for use in A.C. circuitry.

APPLICATIONS

The Vico potentiometer's stepless output is ideally suited for use in high resolution servo systems and indicating systems where standard wirewound potentiometers cannot eliminate the "Hunting Problems" common to these systems.

CUSTOM MODIFICATIONS

Vico Potentiometers can be modified to specific customer requirements. Some of the available modifications include various shaft lengths, or shafts supplied with hobbed pinion ends, or pinned gears of aluminum, bronze or stainless steel to Agma Precision class 1, 2 or 3.

Shaft Rotations can be supplied in other than 360° increments.

ORDERING INFORMATION

Specifications listed are subject to change. When ordering, please refer to this data sheet number and specify model number, total resistance, and number of turns. **Delivery — from stock to 2 weeks.**

Write for full descriptive literature

WIRE WOUND INFINITE RESOLUTION

POTENTIOMETERS

VOGUE INSTRUMENT CORPORATION

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FROM 3/32 TO 5/8

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FROM .031 I.D. x .003
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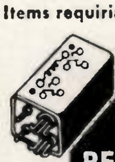

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The **NON-EXISTENT component

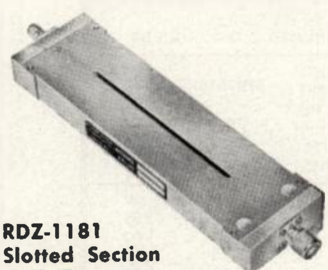
EXAMPLES *

Absorbers

Wavemeters

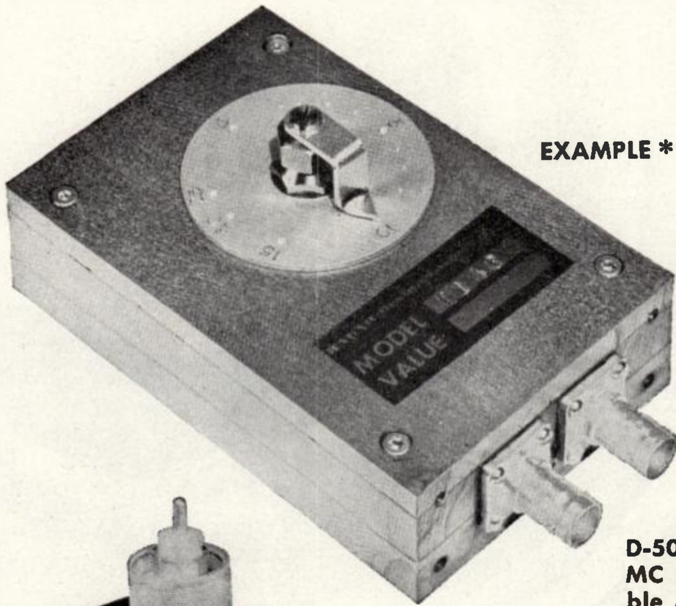
Couplers

Terminations



RDZ-1181
Slotted Section
TNC Connectors

EXAMPLE * *



D-500 500 & 500-1000 MC Continuously Variable Attenuators

EXAMPLE * *

High-Power, Low VSWR "Straight Line" waveguide to Coaxial Adapters.

EXAMPLE * *

Sliding Calibrating Load for 1⅝" Coaxial Line

Perpetual, in-the-house Development Programs make R-D-C the Microwave Industry's *most versatile* supplier of SPECIAL and STANDARD Coaxial Components:

Absorbers	Detectors	Terminations, Fixed
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INLAND D-C Torque Motors

Inland provides a complete line of compact d-c torque motors for direct drive servo positioning. High-torque output, low-power input and high angular resolution are offered in distinctive, space-saving pancake shape.

Exclusive commutator and brush rigging design
Complete range from 0.1 to 3,000 pound-feet
No gear backlash or other gear train problems.

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Model 579.35
100-watt d-c amplifier

For complete data write Inland, Dept. 11-7

REPRESENTATIVE RANGE OF INLAND D-C TORQUERS

TYPE	PEAK TORQUE AT STALL	POWER INPUT FOR PEAK TORQUE WATTS @ 25°C	DIMENSIONS, INCHES O.D.	DIMENSIONS, INCHES THICKNESS
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T-2136	35 oz.-in.	42	2.81	.63
T-2108	60 oz.-in.	32	2.81	1.00
T-2907	.85 lb.-ft.	79	3.73	1.09
T-4006	1.8 lb.-ft.	100	5.13	1.25
T-5106	2.7 lb.-ft.	86	6.25	1.31
T-5703	7.0 lb.-ft.	246	7.20	1.63
T-720	11.0 lb.-ft.	327	9.00	1.63
T-8001	25 lb.-ft.	925	10.50	2.63
T-10001	35 lb.-ft.	620	13.69	4.30
T-10004	100 lb.-ft.	1020	12.75	5.75
T-18002	300 lb.-ft.	1300	26.63	5.82
T-18004	900 lb.-ft.	4330	26.50	10.56
T-36001	3000 lb.-ft.	7400	45.0	10.25

INLANDMOTOR CORPORATION OF VIRGINIA
A SUBSIDIARY OF
KOLLMORGEN CORP.
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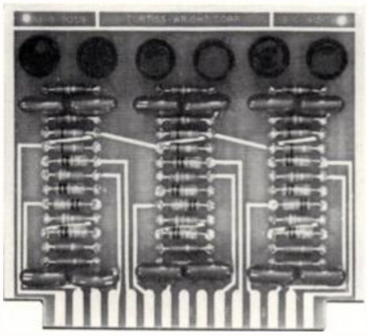
Curtiss-Wright Intermountain Branch

SOLID STATE CIRCUITRY, INSTRUMENTS AND SYSTEMS

Circuit Design Capability



The Intermountain Branch has developed solid state design techniques that provide efficient, high performance instruments and systems. These techniques can be utilized in your applications to meet specific needs.

Intermountain will design and process Standard or High Density Miniaturized Solid State Printed Circuit Cards to your specifications. Numerous standard circuit cards, developed by our engineers, are available. Typical designs include: NOR logic circuits; flip flops; Full Adder; an 8-bit line switch; one shot mutivibrator; digital comparator; voltage comparator with 1 mv resolution; ladder adder; 1 ms pickup relays and relay drivers; read and write amplifiers; track selection circuitry for magnetic drums; clock oscillators; inhibit gates; decade counters; AND circuits; and OR circuits.

Circuitry . . .

Curtiss-Wright Solid State Relays are designed to switch 6, 12, or 28 VDC sources to loads at high speeds under adverse environmental conditions. Eliminate radio interference and false triggering problems. Meet many specific uses for switching.

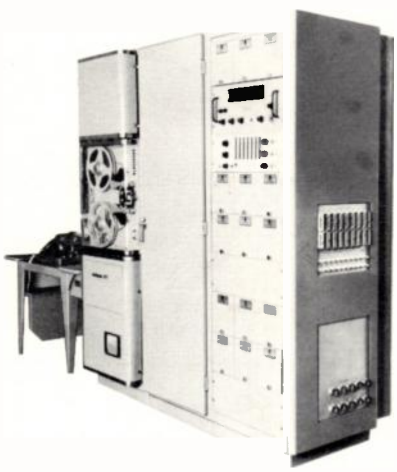
APPLICATIONS:

- Missile and Aircraft Controls and Instrumentation
- Industrial Controls and Instrumentation
- Pulse Circuits
- Computer Core Switching
- Squib Firing
- High Current, Short Pulse Uses

FEATURES:

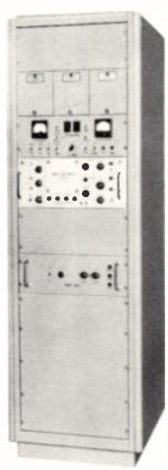
- No moving parts
- Fast switching
- Temperature: —65° F. to +250° F.
- No contact bounce or arcing
- Positive, reliable operation in severe environments
- Designed for high shock and vibration

Instruments and Systems . . .



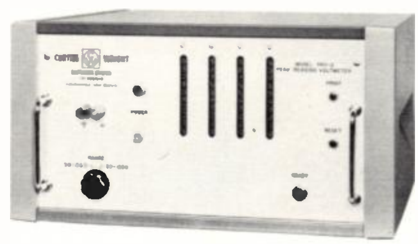
Programmed Digital Automatic Checkout Systems

Completely programmable checkout system for quantitative, qualitative and GO/NO-GO testing of equipment and systems. Directs input-output switching, selects measurements scales and compares responses to pre-defined limits. With magnetic or punched tape as program medium, instructions may be changed without physical modification of the system. Includes self-checking programs, option of automatic or semi-automatic operation and printout or display capability.



Waveform Analyzers

For use in analysis of arbitrarily shaped voltage waveforms within specified limits. Designed to record and store a single transient voltage waveform for later analysis. Using a barrier grid storage tube as the storage element, a recorded waveform may be analyzed with respect to amplitude (Y-axis value) at up to 100 selected points along the time axis (X-axis). Easy to operate—similar to regular Oscilloscope. Printout or display of analysis through use of any alpha-numerical printer or visual display unit.



Single Transient Peak Reading Voltmeters Model PRV-2

Low cost unit designed to measure first peak value of arbitrary shaped, positive transient voltage pulse. Direct reading in 4-digit form, with 1% accuracy. A variety of ranges, accuracies and speeds available.

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CORPORATION
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Telephone: 345-1661

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CURTISS WRIGHT

TIME DELAY RELAYS

SNAP-ACTION • INSTANT RESET • TRANSISTORIZED • VOLTAGE AND TEMPERATURE COMPENSATED

Precision built to meet a wide variety of military and industrial requirements. Adjustable or factory preset for delays from 0.1 to 300 seconds. Features are small size, extreme accuracy, hermetically sealed with instantaneous resetting contacts. All are metal cased except glass enclosed "G" and "K" Series.

TRANSISTORIZED CIRCUITRY

Designed for rugged space age applications, the "T" series time delay relays are preset or adjustable for delays ranging from 0.1 to 300 seconds, with fast recovery following deenergization at any time. Accuracy better than ±3% on standard models. Reliable at temperature range of −55°C to +55°C, under 2,000 cps 20g vibration, 50g shock and 50g acceleration. Reverse polarity and transient protected. "Wearever" control circuit — no moving parts.

STR Series

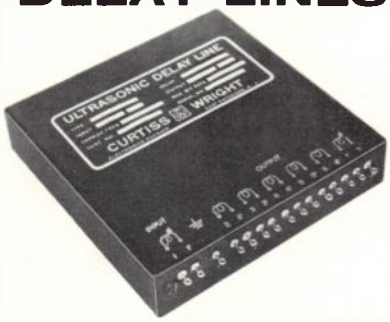
G & K Series hermetically sealed in glass

TIME DELAY SELECTION CHART

RELAY SERIES	"H"	"S"	"G & K"	"IR"	"MR"	"CR"	"STR"	"T"
DELAY RANGE (SECS.)	3-180	3-60	3-60	20-180	3-60	3-180	10-180	0.1-300
CONTACT ARRANGEMENT	SPNO or SPNC	SPDT	SPDT SPST	SPNO	SPDT	DPDT	SPDT	SPDT
CONTACT RATING (RESISTIVE LOAD)	3A-120VAC 1A-28VDC	3A-120VAC 3A-28VDC	2A-120VAC 2A-28VDC	2A-28VDC	2A-28VDC	5A-120VAC 5A-28VDC	2A-28VDC	2A-28VDC 2A-115VAC
INPUT VOLTAGE	6.3,26.5 117	6.3,26.5 117	6.3,26.5 117	22-32	28	28,117	22-32	22-32
INPUT FREQUENCY	AC or DC	AC or DC	AC or DC	DC	DC	AC or DC	DC	DC
VIBRATION CPS	5-55 5-500	5-55	——	5-500	5-500	5-55	5-500	5-2000
AMBIENT TEMP. °C.	−65+125	−55+100	−55+85	−65+125	−65+125	−55+85	−65+125	−55+125

H and S Series for military applications

DELAY LINES



Small, lightweight, hermetically sealed magnetostrictive delay lines for missile, aircraft, marine and ground based equipment. Delays from 5 to 10,000 microseconds—with stability over an ambient temperature range of −55°C to +100°C. Ratio of delay to pulse rise time up to 800:1 with storage capacity up to 6,000 bits. Input and output impedances from 50 to 2,000 ohms with carrier or pulse repetition rate to one megacycle. An adjustment of ±3 microseconds is supplied on standard units. Taps are available with or without the adjustment feature. Withstands vibration to 500 cps at 15g and shock to 50g. Custom built models also available.

STEPPING MOTORS

DM SERIES

Bi-Directional
Temperature —65°F. to +165°F.
Vibration — 20 g to 500 cps
Shock — 30 g for 11 millisecond all axis
Voltage — 28 VDC, other voltages available
Life — over 5 million operations, each direction, full load
Reliability — Does not fail to convert a single pulse in 1 million operations in equivalent angular rotation.

For missile, aircraft, computer, navigational devices and flight controls; automated feeds for machine tools; positioning and synchronization of aerial actuators for automatic pilots; and controls for food processing machinery. Positive indexing and locking, low power requirement.

	ANGULAR ROTATION	PULSING RATE	WEIGHT	TORQUE
MODEL DMA	36° Bi-directional per pulse	To 25 pulses per second	8.5 oz.	8 in oz.
MODEL DMB	30° Bi-directional per pulse	To 10 pulses per second	28 oz.	24 in oz.

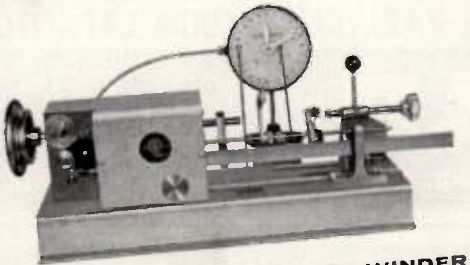
Submit requests for recommendations on your application requirements. Write or phone for free catalog #261E

CURTISS WRIGHT
CORPORATION • ELECTRONICS DIVISION
COMPONENTS DEPT. • SWARTHMORE 1-0100
35 MARKET STREET • EAST PATERSON, N. J.

The most advanced coil winding equipment in the world today!

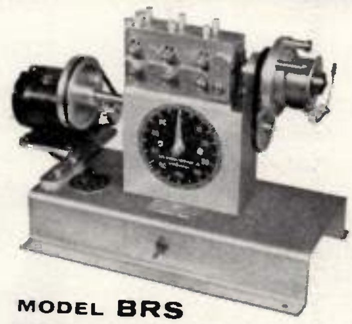
MODEL CS BOBBIN WINDER

Pictured is the current version of our most popular bobbin winder having increased capacities. A complete line of single and multiple units is available.



MODEL WX LABORATORY WINDER

The world's most versatile winding machine for all types of radio frequency coils as well as bobbins, transformers, resistors, etc. Features continuous gain or feed adjustment and our exclusive adjustable cam.

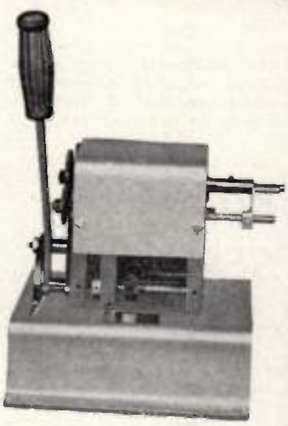


MODEL BRS PRECISION STRIP WINDER

This is one of a group of single-layer machines to wind on continuous or precut strips or mandrels of various shapes.

MODEL CK-SL AUTOMATIC WINDER

The machine illustrated produces more than 20 completed coils a minute without operator attention. This is one of a large family of completely automatic or semi-automatic machines.



MODEL MP HAND WINDER

Coils with up to 60 turns produced in a single stroke of the lever.

Write today for complete literature

Representatives in all major electronic market areas throughout the country

COIL WINDING EQUIPMENT CO.

OYSTER BAY, NEW YORK – WAlnut 2-5660

COWECO

TO LOCATE NEAREST SALES OFFICES, SEE GREEN SECTION.

ALLOY 63

Surco

- INSULATED WIRE
- CABLES
- TUBING

ALL SIZES FROM 0000 THROUGH 32 AWG
EXTREME RANGE OF OPERATING TEMPERATURES
• TO MILITARY SPECIFICATIONS • TO YOUR SPECIFICATIONS

▲ ADVANCED CONDUCTOR MATERIAL

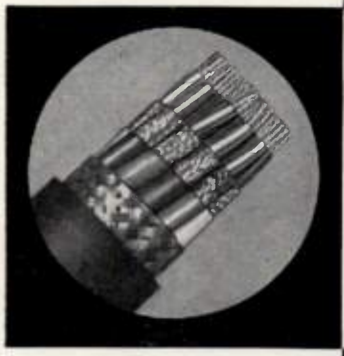
Minimum Values: Conductivity, 80%; Tensile Strength, 55,000; Elongation, 6%; Yield Strength, 50,000; Exceptional Flex Life. AWG 16 thru 38, stranded or solid, bare wire, tin-plated, silver-plated, nickel-plated, silver-nickel plated.

◀ TEFLON* HOOK-UP WIRE

For Continuous Operation from −90°C to +260°C
NEW MIL-W-27300A (USAF)
Types E&EE, ET, K, KK, KT
MIL-W-16878-D
NAS 703
MIL-W-22759
UL APPROVED

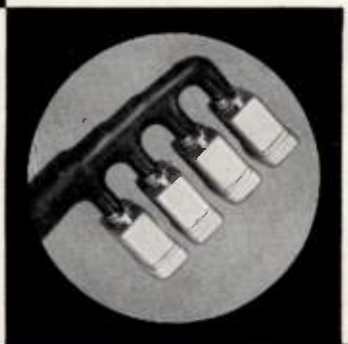
◀ HOOK-UP WIRE

Kel-F** to MIL-W-12349
• Silicone • Vinyl
• Polyethylene
• Irradiated Polyethylene
NAS-702
MIL-W-16878-D
MIL-W-76B



◀ MULTI-CONDUCTOR CABLES

Teflon*, Kel-F**, Vinyl, Nylon, Polyethylene, Silicone Rubber, Neoprene, Irradiated Polyethylene. Made to your requirements as to size, type and number of conductors, insulation, shielding, braiding, jacketing.
Also to MIL-W-13777C



◀ MOLDED CABLE ASSEMBLIES

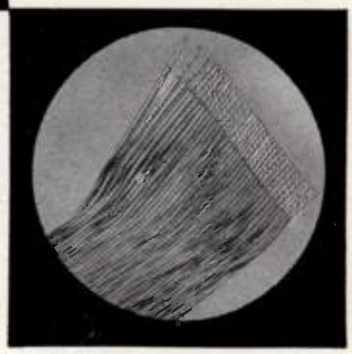
• Vinyl • Neoprene
• Polyurethane

Single or multi-circuit, optional molded jacket supports and built-in strain relief members. To applicable Mil Specs or your own requirements.
• Cable Assemblies

COAXIAL CABLES ▶

RG/Series to MIL-C-17C
Special Designs for Specific Applications
MINIATURE COAXIAL CABLES to MIL-C-8721 and MIL-C-17C

- AIRCRAFT WIRE to MIL-W-5086A, MIL-C-7078A, MIL-W-7072A, MIL-W-5274A
- HIGH TEMPERATURE AIRCRAFT WIRE to MIL-W-8777, MIL-W-7139A
- MINIATURE WIRE AND CABLE
- UL and CSA APPLIANCE WIRE
- MEDICAL TUBING
- BONDABLE TEFLON*
- TEFLON* TAPE
- "SPIRALON" COLOR CODING



Multi-Conductor
▲ FUSED RIBBON CABLE

• Teflon* • Vinyl
• Polyethylene
• Irradiated Polyethylene

Bulk cable or precision cut and stripped. Break-outs and terminations as required. Single or multi-deck lengths in a wide range of sizes. Color coding available.

◀ TUBING

Teflon*, Vinyl, Polyethylene, Nylon, Irradiated Polyethylene
Clear or solid colors. In-stock service on standard compounds in regular sizes, .0159" to 2" I.D. Special formulations per your specifications.
• HEAT SHRINKABLE INSULATING TUBING

*Reg. Du Pont Trademark
**Reg. 3M Trademark

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MFG. CO.

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TRI-POINT PLASTICS, INC.

TEFLON® | ELECTRONIC COMPONENTS | BASIC SHAPES

INSULATING WASHERS

High-dielectric plastic washers of all shapes and sizes . . . to your exacting specifications. Tri-Point's special stamping equipment assures consistently high accuracy.

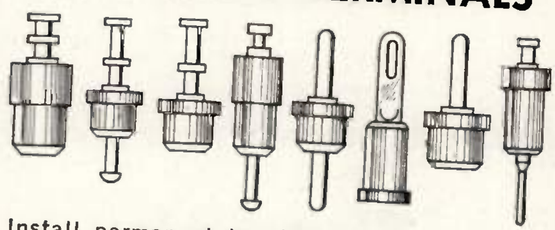
"O" RINGS AND SEALS

Precision "O" rings, seals and back-up rings of Teflon for exacting requirements in hydraulic, pneumatic, and mechanical equipment. For dynamic sealing and static gasketing, they are available in wide range of sizes and types.

END CAPS

A variety of end caps for use in capacitors and other components are available from Tri-Point's specialized machine shops. Wide range of sizes, shapes . . . to your exact requirements.

INSULATING TERMINALS



Install permanent terminals in four seconds. TRINSEEL* subminiature TEFLON® terminals save space, weight, time. For UHF, microwave, radar, T.V. Instant "Anchor and Seal" withstands shock and pull. No hardware or special tools.

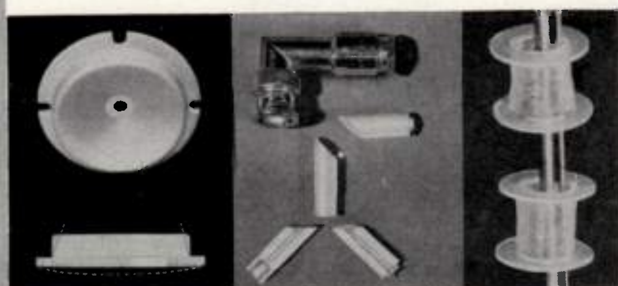
SPECIFICATIONS	
Types	Sub-miniature feed-thrus, stand-offs
Insulation	"TSI" TEFLON, machined
Sizes	.148"-.218" diam.
Pins	.040" diam., solder-finish brass Varying lengths, finishes, forms
Capacitance	0.40-2.00 mmf, installed
Rating	750-5500 v RMS, 60 cps
Flash-over	4500-13,000 v RMS, 60 cps (Sea Level)

ROD AND SHEET

Tri-Point extrudes basic shapes such as rod and sheet from virgin 100% TEFLON powder using special equipment of its own design. Rod and sheet have uniformly high density and low void content. Over 80 diameters of rod; wide range of sheet thicknesses. Rod is centerless-ground to within .001" tolerance.

MOLDED AND MACHINED PARTS

In custom molding and machining of precision TEFLON parts Tri-Point is a leader and pioneer. Machining tolerances within .001" for production runs; less on experimental. Our engineers and modern facilities are ready for your special problem.



Tri-point PLASTICS, INC. 175-177 I.U. Willets Road / Albertson, L. I., New York

*TM Tri-Point ®TM DuPont

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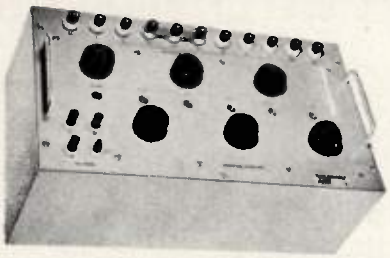
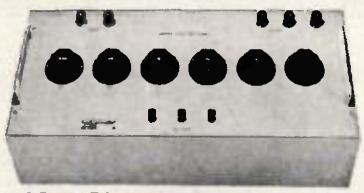
PRECISION INSTRUMENTS FOR MEASUREMENT & CALIBRATION

FOR HIGHEST ACCURACY IN RESISTANCE COMPARISON & MEASUREMENT



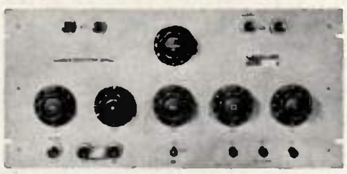
MODEL E-3002 UNIVERSAL RATIO SET
LINEARITY ± 1 PART PER MILLION
LIMIT OF ERROR ± .001% OR .002 OHM
WHICHEVER IS GREATER

MODEL E2540, VOLTAGE DIVIDER



FOR ACCURATE MEASUREMENT OF VOLTAGE OR IMPEDANCE RATIOS
LINEARITY ± .001%

MODEL E1105 GUARDED



WHEATSTONE BRIDGE
FOR ACCURATE RESISTANCE MEASUREMENTS
ACCURACY ± 0.025%

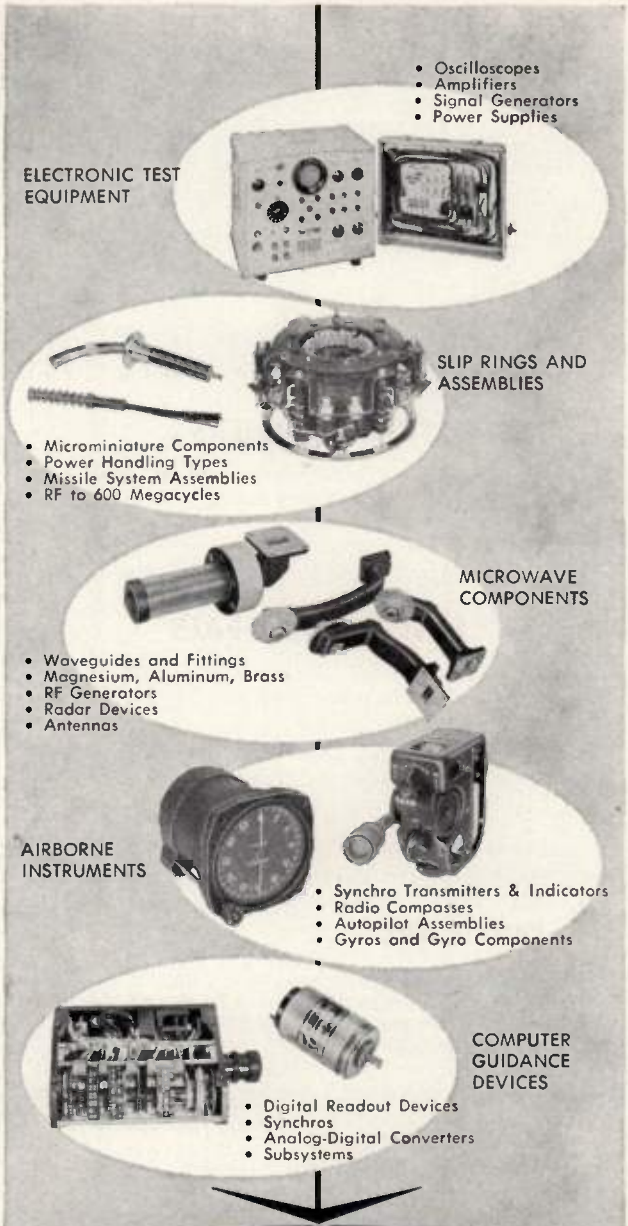
SYNCHRO AND RESOLVER BRIDGES

FOR ACCURATELY CHECKING POSITIONING OF SYNCHROS & RESOLVERS
ACCURACY = 6 SEC. OF ARC

RESISTANCE STANDARDS & DECADE BOXES. LABORATORY & PORTABLE WHEATSTONE, AND KELVIN BRIDGES. SHUNT & VOLT BOXES

WRITE FOR OUR CATALOG

GRAY INSTRUMENT COMPANY 448 MILL ROAD ANDALUSIA PA.



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Model Engineering offers "package responsibility" in all phases of electronic, microwave, control, indicating and computing instrumentation. Facilities are available at all levels of customer requirements — from research and development through production of the simplest or most complex components, assemblies and subsystems.

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DESCRIPTIVE BROCHURE ON REQUEST

AUTOTRONICS INC.
Florissant, Mo.

GROWING LINE OF **QUALITY** ELECTRO-MECHANICAL DEVICES AND RELATED EQUIPMENT

CLUTCH and BRAKE COMBINATIONS

TYPE: Electro-Magnetic
STANDARD LINE: 5 sizes in 12 models
TORQUE RANGE: 1 to 100 oz. in.

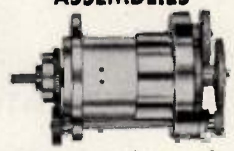
SLIP CLUTCHES

STANDARD LINE: 5 sizes
SIZE RANGE: .375 to 1.125 in. dia.
TORQUE VALUES: To specifications

PANCAKE CLUTCH/BRAKE COMBINATIONS

TYPE: Electro-Magnetic
STANDARD LINE: 5 sizes 12 models
SIZE RANGE: .750 to 1.500 in. dia.
TORQUE RANGE: 2 to 100 oz. in.

PRECISION SPEED CHANGERS GEAR ASSEMBLIES



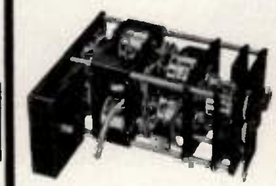
Designed and manufactured to your specifications
GEARS: To class 3 precision

ENGINEERING ASSISTANCE AVAILABLE

A.I.M. CLUTCH/BRAKE COMBINATIONS

TYPE: Electro-Magnetic
STANDARD LINE: 4 models
SIZE RANGE: 1.125 in. dia.
TORQUE RANGE: 40 to 160 oz. in.

MULTI-SPEED DEVICES



Designed and manufactured to your specifications

25 speed transmission illustrated

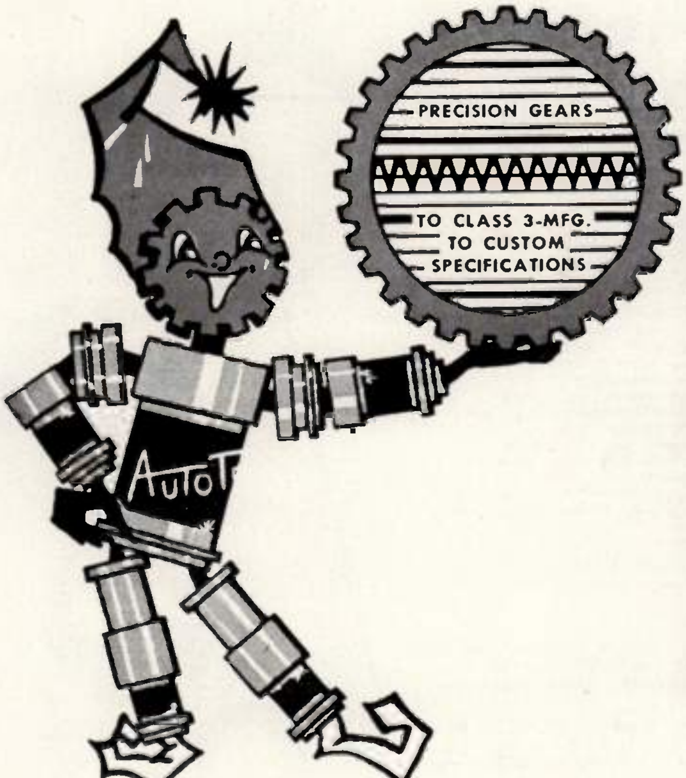
TORQUE INDICATOR

STANDARD LINE: 6 models
TORQUE RANGE: 1.5 to 200 oz. in.
TOLERANCE: Total from mean 2% or 5%
SIZE: 1.87 in dia. by 2.75 in. long

CLUTCH - POTS

TYPE: Electro-Magnetic Clutch and/or Brake, single or multi-turn pots to spec.
SIZE RANGE: .500 to 2.0 in. dia.
FEATURES:
Spring return (optional)
Integral assembly
Min. weight & length

AUTOTRONICS can furnish integrated assemblies of clutches and integral gears. Sub-systems incorporating servos, synchros, potentiometers, shaft assemblies and clutches are engineered to your requirements.



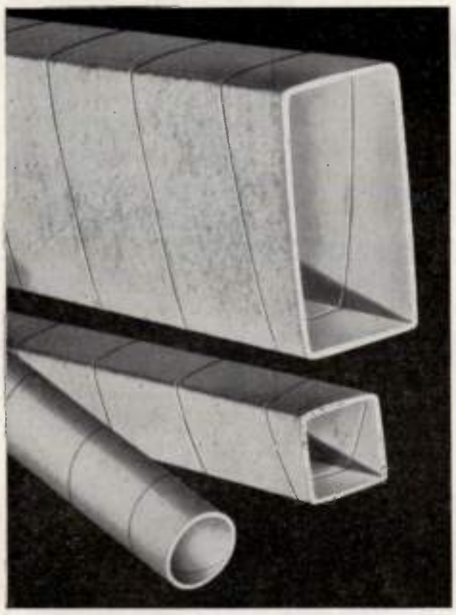
AUTOTRONICS INC. Florissant, Mo. TEmple 7-3565

CLASS B-F-A *IMPREGNATED* WINDING TUBES

- HIGH TEMPERATURE
- HIGH STRENGTH

but for the first time

LOW COST



AVAILABLE IN SIZES UP TO 96" PERIMETERS

Accurate

PAPER TUBE COMPANY

903 West Cullerton, Chicago 8, Illinois

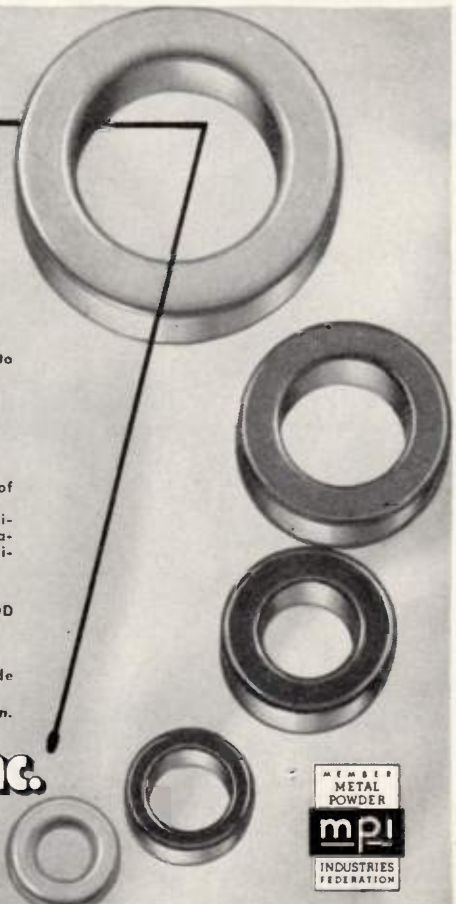
DESIGNERS and ENGINEERS:

write for this brand new data on flexible high temperature resistant wire and cable for hypersonic vehicles.

Here's the latest on the HOTELEC WIRE PROGRAM for continuous operation at 650°F, 850°F and 1,000°F! Write to:

THE LEWIS ENGINEERING COMPANY
NAUGATUCK, CONNECTICUT

Powdered Iron — Toroids



APPLICATIONS

High Q circuits for
- a Transformers — I.F., etc.
- b Precision filters
- c Delay lines
- d Linear Networks

TOROIDAL FEATURES

1. Reduces stray fields and proximity effects to obtain better stability.
2. Permits small coil construction
3. Higher effective permeability
4. Coupling not affected by tuning circuit
5. High stability with temperature and time
6. Low harmonic distortion
7. Improved insulation results in high Q
8. Manufacturing methods permit close control of permeability and Q
9. Finishes of tough thermosetting resins minimizes moisture absorption and provides insulation suitable for winding enameled wire directly on the core.

CORE SIZES

Cores are available in diameters from 9/32 OD to 2" OD
Permeability: From 8 to 45
Recommended frequencies:
Materials are available which will provide good Q from 0.1 to 25 MC

Write for samples and further information.

Radio Cores, Inc.
9540 South Tulley Avenue
Oak Lawn, Illinois
Phone:
GArden 2-3353

MEMBER METAL POWDER mpi INDUSTRIES FEDERATION

Sync/Scan solid-state motor speed control holds switching speed constant to 0.5%

MOTOR SPECIFICATIONS

Code S/S. Sync/Scan. DC drive operating at 25-31 V with solid-state closed loop servo control to correct sampling rate. Speed setting tolerance ± 1%. Variation with voltage range of 25-31 V less than 0.5%. Power consumption 100-200 ma, dependent on speed and number of poles. Can be slaved to run in exact synchronism with external clock rate and frame pulse.

Code U. 28 V ungoverned, DC motor. Speed tolerance ±3% at 28 V. Speed variation from 26-30 V ± 10%. Speed variation under environmental extremes + 5% to — 15%. Power consumption 40-110 ma, dependent on speed and number of poles.

Code R. 28 V ungoverned, DC motor with voltage regulator. Speed setting tolerance ± 3%. Speed variation from 25-31 V ± 1%. Speed variation under voltage variation and environmental extremes + 5% to — 15%. Power consumption 100-200 ma, dependent on speed and number of poles.

PRECISION

HIGH SPEED SAMPLING SWITCH

In stock building blocks assembled to your exact specification

Our versatile sampling switch is fully adjustable — interchangeable modular components allow simple factory conversion to meet new requirements.

Code S. 400 CPS synchronous drive. Speed synchronous with line frequency 380-420 CPS from 105 to 125 V. Power input 7-10 watts, dependent on speed and number of poles. Mechanically governed motors upon request.

GENERAL SPECIFICATIONS

Contact Resistance—Less than one ohm.
Noise—Less than 50 microvolts measured differentially from a source impedance of 1 K into a load impedance of 10 K with a signal input of 0-15 MV over a bandwith of 0-10 KC.
Leakage Resistance—100 megohms minimum at 100 V DC.
Life—1000 hours min.

ENVIRONMENTAL CHARACTERISTICS

Vibration	15G from 5-2000 CPS 30G from 5-3000 CPS with Sync/Scan
Acceleration	100G
Shock	100G for 6.5 ms
Temperature and altitude	per MIL-E-5272C Proc. 1
High temperature	125°C

DESIGN SPECIFICATION CHARACTERISTICS

Phasing—from 0-95% ± 5%
Duty Cycle—from 55-95% ± 5%
Any or all segments may be wired. A wiring sketch should be included when specifying.

ROTOR SPEEDS

Code	RPS
05S	0.5
1S	1.0
2S	2.5
3S	5.0
4S	10.0
5S	20.0
6S	30.0

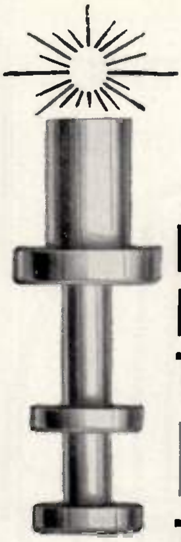
COMMUTATOR RING SPECIFICATIONS

Code	Description
A	One pole, 60 segments each pole
B	Two pole, 60 segments each pole
C	Three pole, 60 segments each pole
G	One pole, 90 segments each pole
H	Two pole, 90 segments each pole
I	Three pole, 90 segments each pole
M	One pole, 180 segments each pole
N	Two pole, 180 segments each pole
O	Three pole, 180 segments each pole

Four, five or six pole configurations on request.

Proven in: Polaris • Samos • Midas • Discoverer
Atlas • Centaur • Minuteman • Bullpup

5-D **FIFTH DIMENSION INC.**
P. O. BOX 483 • PRINCETON, NEW JERSEY • WALNUT 4-5990



LOOKING FOR THE IDEAL TERMINAL SETTER?

STOP. *You've found it. A Black & Webster Electropunch or full automatic Electroset can solve your terminal setting problems —for as little as* **$135.00**

SHORT RUNS: Electropunch — *sets hand fed terminals twice as fast as conventional methods. All electric. Foot switch operated.*

LONG RUNS: Electroset — *automatically feeds and sets terminals up to 3600 per hour. All electric. Customized to your needs.*

WHAT'S YOUR PROBLEM?
Black & Webster can help. Send sample terminal and requirements.

Write today for free 12-page catalog describing our complete line of production tools.

BLACK & WEBSTER, INC.
Dept. E, 570 Pleasant St.
Watertown 72, Mass.

RESOLVER NEWS!

VERNITRON .05% ACCURACY PRECISION RESOLVERS DELIVERED ON REGULAR PRODUCTION BASIS

60 THROUGH 10,000 CYCLE

ALL SIZES—8 through 23
ALL STANDARD TYPES—Computing, Data Transmission, Phase Shifters and Sweep
ALL ENGINEERED & MANUFACTURED TO: MIL-R-14346
ALL AVAILABLE WITH
- Thru-Bore Design
- High Reliability *Exclusive* Brush Block
- Stainless Steel housings, shaft, bearings
- High voltage capabilities between stator and compensator windings (on feedback units)

A major break-through, made possible by VERNITRON specialization in precision syncro and resolver design and manufacture.

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WITH THESE TWO METERS

LAMPKIN 105-B MICROMETER FREQUENCY METER

- Heterodyne type, A.C. operated.
- Measures nearby transmitters, 100 KC to 175 MC (to 3000 MC by measuring multiplier stages of crystal-controlled transmitters).
- Accuracy better than 0.0025%. Resettability 0.0005%.
- Automatic correction for temperature of crystal calibrator.
- Pinpoint CW signal generator 20 MC to 200 MC.
- Size only 13"x8½"x5". Weight 9½ lbs.
- Price $260.00 net.

LAMPKIN 205-A FM MODULATION METER

- Indicates instantaneous modulation deviation on 0-12.5 or 0-25.0 peak KC scales.
- Accuracy 10% of full scale.
- Tunable 25 to 500 MC in one band, with fast and slow controls.
- Sensitivity 20 millivolts or better throughout range.
- Speaker for aural monitoring, oscilloscope output for visual monitoring.
- Meets FCC specs for mobile-radio maintenance.
- Size only 7" x 12" x 7¼" Weight 14 lbs.
- Price $270.00 net.

To learn how other radio engineers are earning high incomes in mobile-radio maintenance, send for your free copy of "HOW TO MAKE MONEY IN MOBILE-RADIO MAINTENANCE"

LAMPKIN LABORATORIES, INC.
Dept. 140, Bradenton, Fla.

MAIL COUPON TODAY!

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LAMPKIN LABORATORIES, INC.
Bradenton, Florida
At no obligation to me please send "HOW TO MAKE MONEY IN MOBILE-RADIO MAINTENANCE"—and technical data on Lampkin Meters.

Name________
Address________
City________ State________

electro devices
FASTER AND IMPROVED MEANS OF WINDING TOROIDAL CORES

Due to the unique method of winding from the bottom or the top of the patented shuttle, the only changes required are adjustment for core size and selection of a shuttle. (There are no heads to buy or change over.) All setups are accomplished by the operator. The Model D-6 will load and wind simultaneously from the wire spool, through the shuttle, to the toroid, a decided time saver.

SPECIFICATIONS FOR MODEL D-6

Finished Core Size: O.D. 2"; I.D. .055"; Height 2 inches. **Wire Sizes:** #22 A.W.G. to #50 A.W.G. (any type insulation or combinations such as Litz, Trifilar, Teflon, Niobian). **Shuttles:** Cross Section .055" — .093" — .125" — .186" — .250". All 6" dia. **Sliders:** New patented slider, factory adjusted for tension remains in shuttle, both loading and winding. Finished toroid removed and new toroid installed without removing shuttle or slider. **Core Rotation:** Automatic 360 degree or any segment thereof. Forward and Reverse Precise winding control. Automatic progressive bank winding feature (available as an optional accessory). **Counting:** Positive transistorized electronic counter. True turn count. Also used as wire footage counter. Predetermined electronic counters available (as an optional accessory). **Shuttle Speed:** Adjustable 0-1000 R.P.M. **Core Speed:** Core speed synchronized with shuttle speed for precision layer winding. **Dimensions:** 17"l., 14" w., 15½" h.

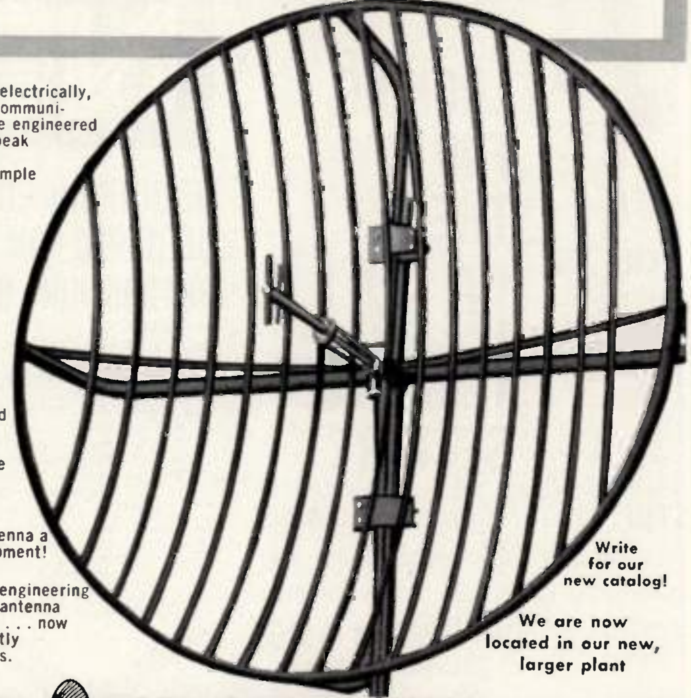
For Mag. Amp. work large diam. shuttles allow as much as 2" wound height with a .055" diam. I.D. Shuttle is driven and controlled by outside rollers that permit winding from bottom of shuttle. The Model D-6 winds Niobian wire successfully.

It is not necessary to remove the shuttle or slider for loading, winding, removing or installing the core. .055" shuttle winds wire as large as A.W.G. #30 on a very small size core.

An accessory available: **INDUCTANCE COMPARATOR**. An oscilloscope indicator type comparator for winding to inductance directly on the machine to eliminate second step checking of cores.

ELECTRO DEVICES INC.
580 MAIN STREET
WILMINGTON, MASSACHUSETTS

Outstanding Design in UHF, VHF, 2-Way and Microwave Antennas



Both mechanically and electrically, Mark Antennas for all communications applications are engineered and manufactured for peak efficiency, maximum mechanical stability, simple installation and long trouble-free life.

PARABOLAS and Point to Point
For 450, 900, 2000 and 6000 MC. Up to 15' diameter. Rugged HELLIARC welded aluminum construction permits lighter, lower cost towers.

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Mark High Gain patented Fiberglas Construction omnidirectional base station antennas provide gains up to 10 db.

RAILWAY and VEHICULAR
New low profile R R antenna a brand new Mark development!

SPECIAL DESIGN
Mark offers a complete engineering and research service in antenna design and manufacture . . . now supplemented with greatly increased plant facilities.

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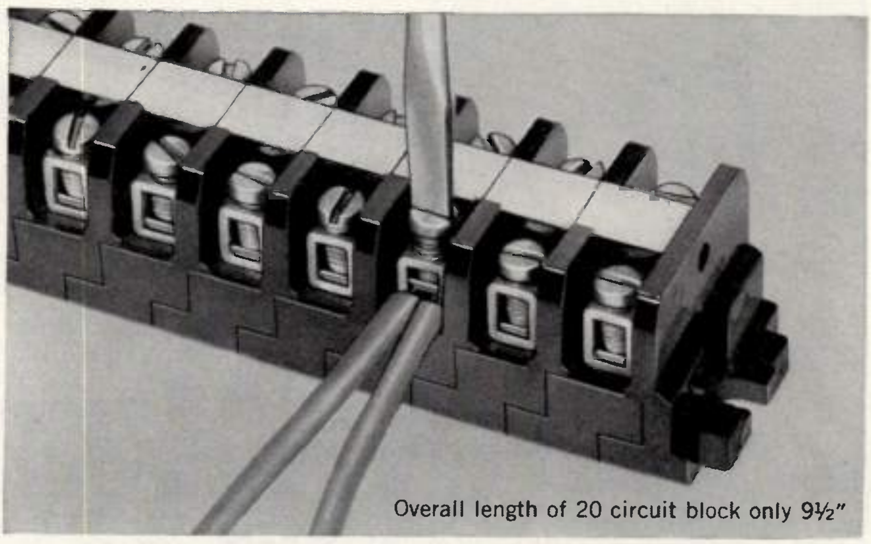

Overall length of 20 circuit block only 9½"

40 Amp. Capacity in 7/16" C. C. Space Same As Most 15 Amp. Barrier Strips

Buchanan has this . . . and more. No terminals, no lugs, fewer wiring problems when you use Buchanan sectional MD pres-SURE-blocks with tubular contacts. And, you can group more common wires—equal to 1 #22 thru 1 #8—under a single contact. Just 2 different snap-fit parts build any length Buchanan MD block . . . with more "wanted" features than conventional blocks. Strap screw contacts also available. Write now for Bulletin EB.

Tubular contacts listed by UL. Blocks listed for 600 volts by CSA.
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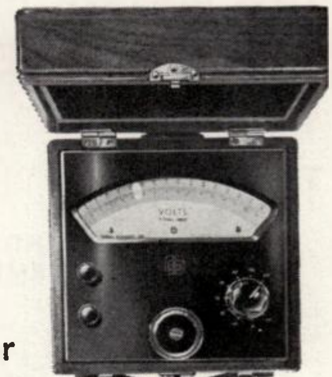
BUCHANAN ELECTRICAL PRODUCTS CORPORATION HILLSIDE, NEW JERSEY
In Canada: ESNA CANADA LIMITED, Toronto 16

PANEL MODEL

PANEL MODEL



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GREIBACH PRECISION METERS

nearest to the theoretical ideal of the perfect electrical meter —for direct measuring with the highest accuracy and negligible loss

for TRANSISTORS, DIODES, TUBES, AMPLIFIERS, IONIZATION, HYPERCRITICAL MEASURING, CONTROL BY LIGHT BEAM & PHOTOCELL

D.C. ULTRA SENSITIVE METER TO .0002 MA
6.3 inch scale—Microamps to Amps with high overload capacity. Precise, stable, rugged, up to 23 ranges in a single meter.

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.025% accuracy on effective 1,000 division 5 ft. scale, electrically folded into 10 sections. No hunting for readings.

NEW AC/DC NON-THERMAL TRUE RMS MICROAMMETER
Now voltmeters and ammeters with lowest energy consumption of any non-amplifier type. Low millivolt drop, 20-30MV, high overload capacity. Response—DC to megacycles.

BIFILAR SUSPENSION IN ALL METERS
Frictionless, pivotless. No jewel bearings. Unique bifilar suspension—this basic element in all Greibach meters—assures permanent calibration.

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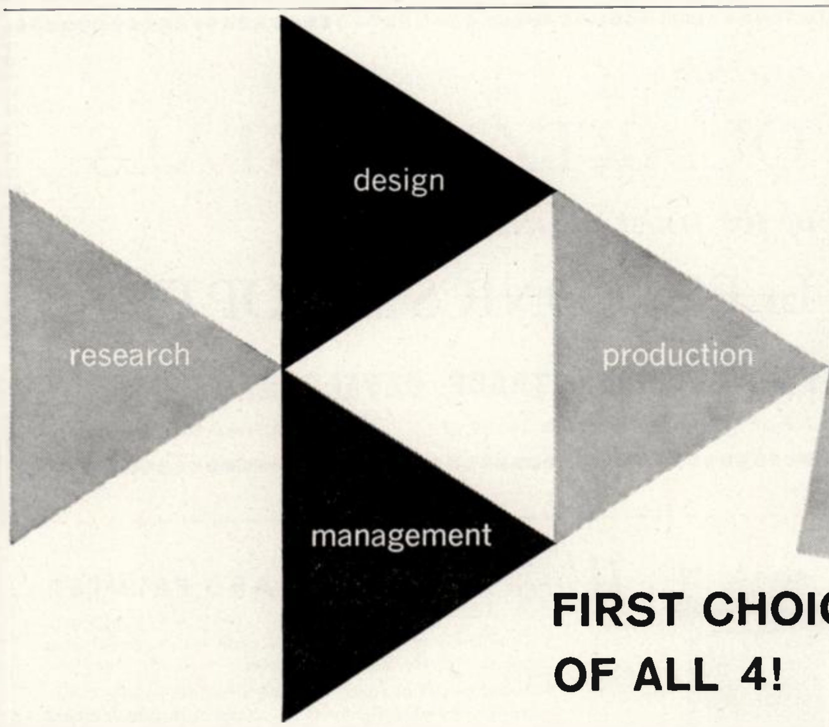

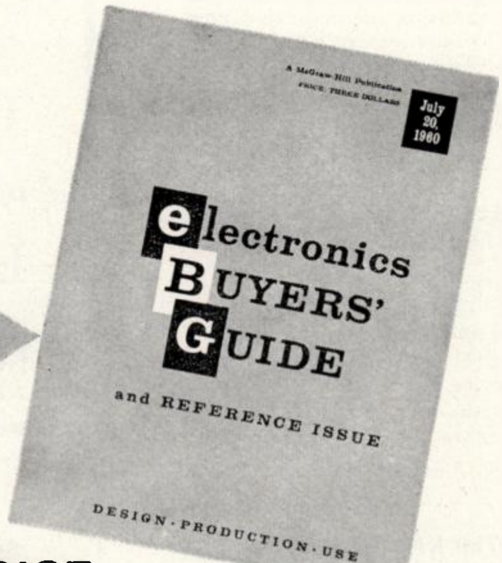

FIRST CHOICE OF ALL 4!

Because to use the BUYERS' GUIDE an engineer need only (1) look up the product he wants to buy in the Product Listings, where all known manufacturers of the product are alphabetically included (manufacturers who are advertisers are listed in bold-face type with page numbers of their advertisements) (2) turn to the advertising pages of manufacturers of the product for specifications (advertisers list all their product lines and product specifications in one place) (3) turn to the Manufacturers' Index and find the local sales office (local sales offices are listed alphabetically by States with addresses and phone numbers).

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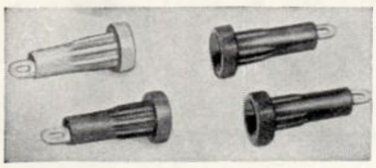
STANDOFF AND FEED THROUGH TERMINALS

Low cost and high electrical specs. have made these the most popular in the industry. Choice of over 100 varieties—fork, single and double turret, post . . . standard, miniature, sub-miniature . . . molded or metal base . . . wide variety of body materials and plating combinations.

Request Catalog SFT-1

PUSHLOCK NYLON TIP JACKS



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Very economical, yet designed electrically and mechanically for long, reliable service. Supplied in a wide range of code colors.

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A military and industrial favorite by reason of price and practicability. Supplied in attractive black, satin-finished phenolic.

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GUDELACE®...

the lacing tape with a NON-SKID tread

You can't see it, but it's there! Gudelace is built to grip—Gudebrod fills flat braided nylon with just the right amount of wax to produce a non-skid surface. Gudelace construction means no slips—so no tight pulls to cause strangulation and cold flow.

But Gudelace is soft and flat—stress is distributed evenly over the full width of the tape. No worry about cut thru or harshness to injure insulation . . . or fingers.

Specify Gudelace for *real* economy—faster lacing with fewer rejects.

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of the finest quality for

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Wyrco Automatic

MANUAL MODELS ALSO AVAILABLE

Wyrco CIRCUIT BOARD PRINTER

- Completely automatic machine cycle with optional manual control for setup procedures
- Precision design and rigid construction assure consistently accurate alignment of screen with circuit board
- Fully adjustable to accommodate wide size ranges of screen frames and circuit patterns
- Controlled wiper travel, wiper speed, and wiper pressure result in a uniform deposition of resist coating
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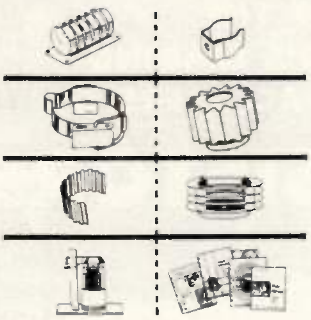

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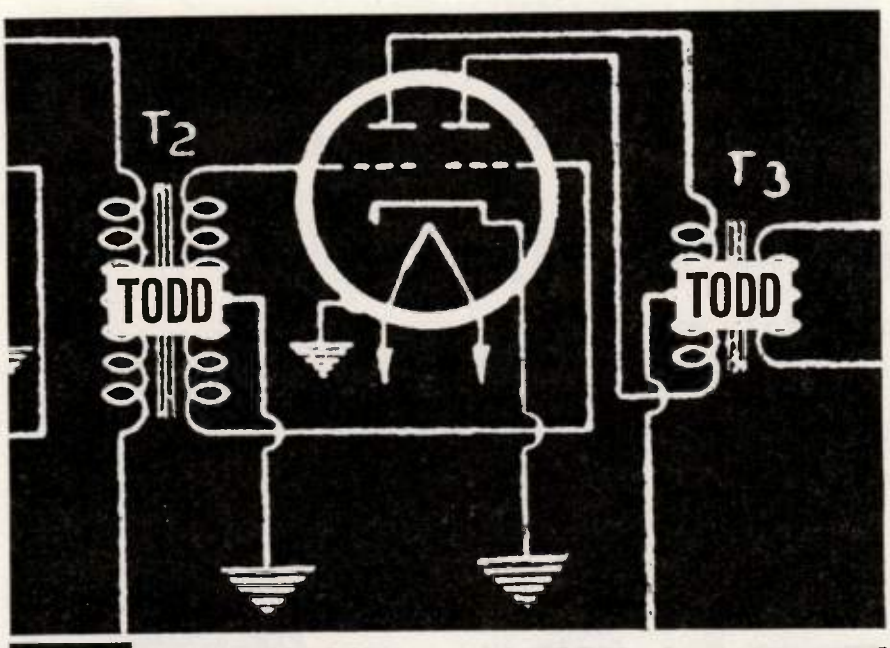

TODD TRANSFORMERS COMPLETE THE CIRCUIT

CUSTOM DESIGNED TO YOUR SPECIFICATIONS. PRECISION BUILT. PROMPT, DEPENDABLE SERVICE

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Input•Choke•Filament
Pulse•Mil-T-27A
Industrial•Commercial
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TODD ELECTRIC Co., Inc.
6-10 Brook St., Yonkers, N.Y.

300% FASTER ULTRASONIC CLEANING*

with SELF-TUNING

Self-tuning Autosonic cleaners by Powertron clean faster, better and cheaper because they: Eliminate operator training and monitoring; Release labor for other work; Reduce rejects; Save on solvents.

HERE'S HOW IT'S DONE

The Autosonic is electronically self-tuned by its exclusive feedback transducer and requires no tuning knobs or meters. A simple switch is the only control.

Only Autosonic cleaners give you consistent peak performance cleaning regardless of load, solution level or temperature, contamination or operator inattention.

Powertron's complete line of Autosonic generators, tanks, cabinet models, degreasers and immersible transducers is immediately available from stock. Ask for free demonstration by Sales Engineer.

*Case Histories on File.

WRITE FOR FREE BULLETIN 60-1 "HOW TO CLEAN ULTRASONICALLY WITH SELF TUNING"

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ONE OF THE WORLD'S LEADING MANUFACTURERS OF
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400 CYCLE TINYMAX TRANSFORMERS

for greater space and weight savings

TORWICO'S UNIQUE DESIGN TECHNIQUE TAKES FULL ADVANTAGE OF CORE PERFORMANCE AND PACKAGING EFFICIENCY.

V. A.	O D ±1/32	Height ±1/32	Case Style	Nominal Weight	% Regulation
1.5	1	15/32	D & E	¾ oz.	20
3.0	1	19/32	D & E	1 oz.	15
6.0	1	13/16	D & E	1½ oz.	10
9.0	1	1-1/16	D & E	2 oz.	8
16.0	1-3/8	1-1/8	F	4 oz.	7
25.0	1-3/8	1-3/8	F	5 oz.	6

STANDARD CATALOG NUMBERS

Standard Voltage Ratings PRI/SEC	Available From Stock		
	1.5-9.0 V.A. Size Terminal End Mounting Secondary Centertapped	16 and 25 V.A. Size Terminal End Mounting Secondary Centertapped	1.5-9.0 V.A. Size Reverse Mounting Secondary Centertapped
115/6.0	TW (VA) D6.0T	TW (VA) F6.0T	TW (VA) E6.0T
115/6.3	TW (VA) D6.3T	TW (VA) F6.3T	TW (VA) E6.3T
115/10	TW (VA) D10T	TW (VA) F10T	TW (VA) E10T
115/26	TW (VA) D26T	TW (VA) F26T	TW (VA) E26T
115/115	TW (VA) D115T	TW (VA) F115T	TW (VA) E115T
115/200	TW (VA) D200T	TW (VA) F200T	TW (VA) E200T
115/250	TW (VA) D250T	TW (VA) F250T	TW (VA) E250T
115/300	TW (VA) D300T	TW (VA) F300T	TW (VA) E300T

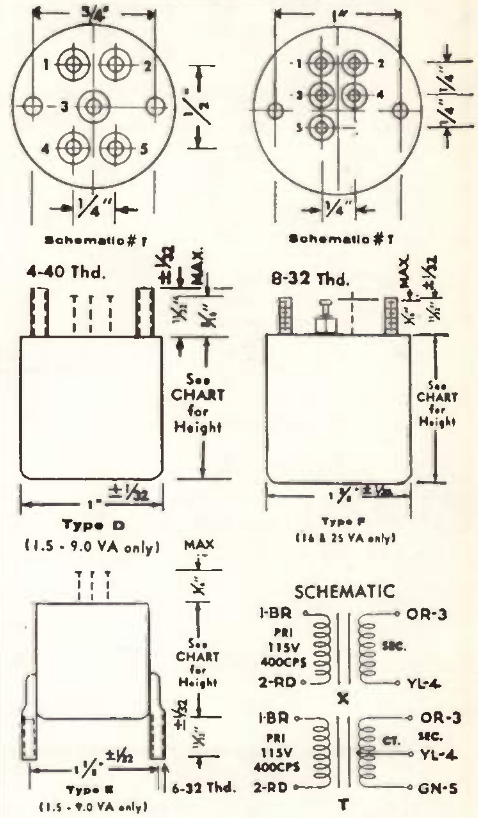
★ Electrostatic shields can be provided between pri and sec. Use next larger case height for a given rating. Simply add "S" to the end of the code number as shown in the example.

Other V.A. ratings, secondary voltages and constructions engineered to your specifications.

HOW TO ORDER:

Non standard ratings may be ordered by code number per the following example:

TW	25	F	6.3	T	S
TINYMAX INDENT.	V.A. Rating	Case Style	Sec. Voltage	Schematic	Electrostatic Shield



tol. ±1/64 unless otherwise specified

All Terminals Color Coded For Permanent Identification
1—Brown 2—Red 3—Orange 4—Yellow 5—Green
In Addition To Terminal Marking As Shown

SPECIFICATIONS:

Conform with MIL-T-27A. Grade 4, Class S.
Ambient Temperature —55 to +85°C.
Maximum Total Operating 130°C.
Life Expectancy 10,000 Hours Minimum.
Hermetically Sealed.
Maximum Altitude 70,000 ft.
Pri Voltage 115V ±10%.
Pri. Frequency 400 cps ±5%.
Sec. Voltage Tolerance ±3% (at 115V. in & Rated Load).

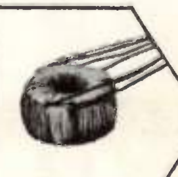
Torwico Electronics reserves the right to make changes at any time to improve design.

TORWICO ELECTRONICS, INC.
LAKEWOOD, NEW JERSEY

SENSITIVE RELAYS

MAGNETIC AMPLIFIER

FILTERS

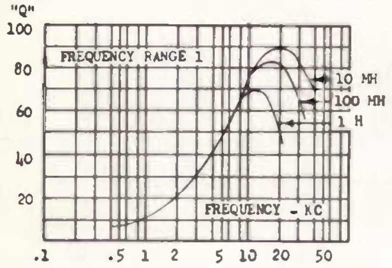


TOROIDS

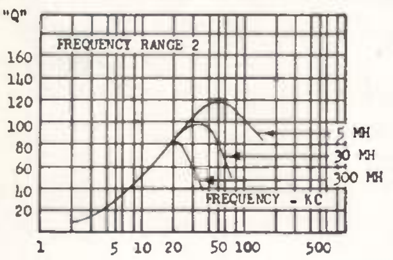
TORWICO TOROIDAL INDUCTORS

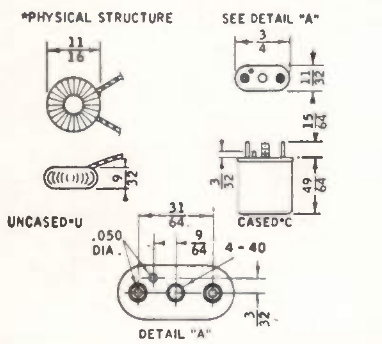
T W C SERIES

Standard Inductance values from 1.0 MH to 4.0 H



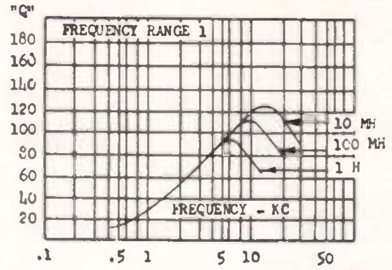
Standard Inductance values from 1.0 MH to 500 MH



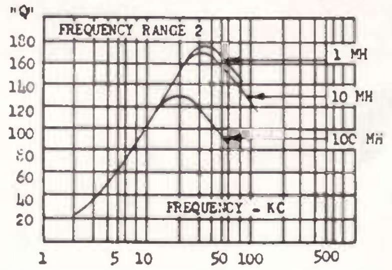


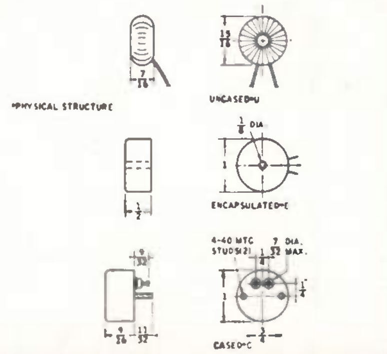
T W S SERIES

Standard Inductance values from 5 MH to 20.0 H



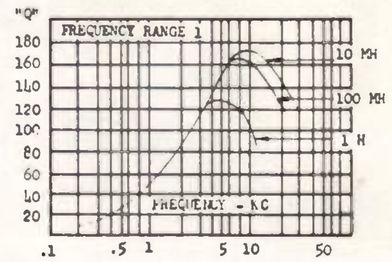
Standard Inductance values from 1 MH to 500 MH



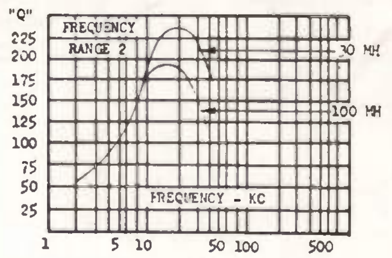


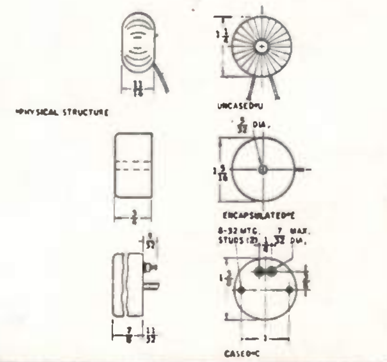
T W M SERIES

Standard Inductance values from 10 MH to 20.0 H



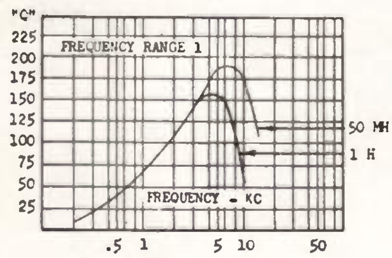
Standard Inductance values from 5 MH to 500 MH

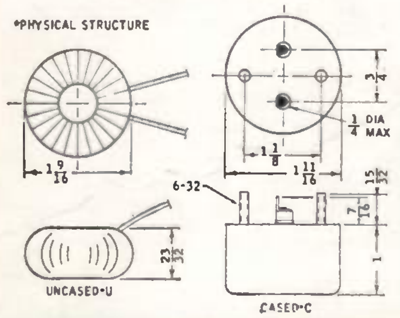




T W I SERIES

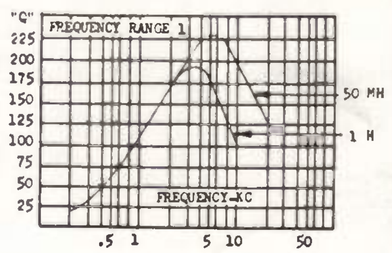
Standard Inductance values from 10 MH to 20.0 H

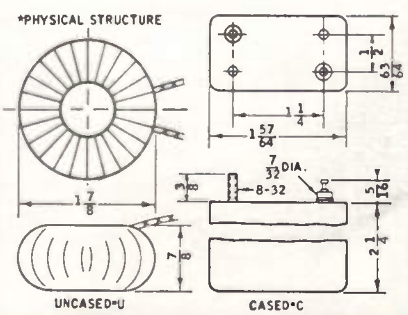




T W D SERIES

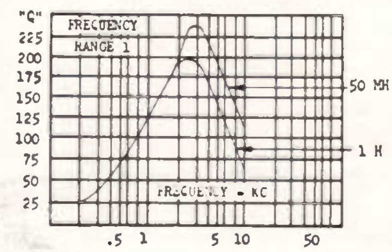
Standard Inductance values from 10 MH to 35.0 H

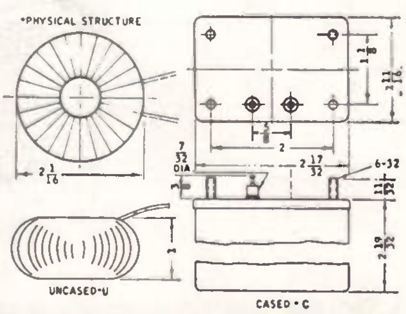




T W L SERIES

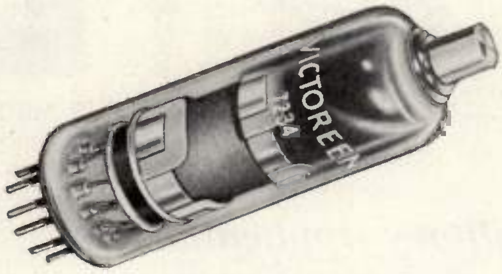
Standard Inductance values from 20 MH to 50.0 H





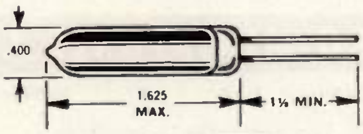
On ordering:
Please designate coil size, inductance value, frequency range and physical structure.
Example: TWS 75 MH 1 c

HIGH VOLTAGE PENTODES



CHARACTERISTICS	7234 PENTODE	6842 PENTODE	7683 PENTODE
E_f	6.3 V	6.3 V	6.3 V
I_f	150 ma	150 ma	150 ma
E_b MAX	10,000 V	4,000 V	1,000 V
I_p MAX	5 ma	10 ma	20 ma
G_m	3800	2500	5000
R_p	1 Megohm	930 Kohm	30 Kohm
SIZE	T-6½	T-5½	T-6½

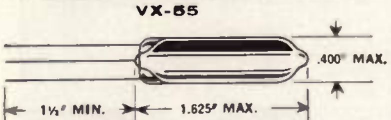
GLOW TYPE VOLTAGE REGULATORS



	VR-57	VXR-130
DC Starting V	75 V	180
DC Operating V	57 V	130
Max Regulator I	800 μa	2.5 ma
Min Regulator I	200 μa	1 ma
Regulation	3%	1.5%

ELECTROMETER TRIODE

VX-55



TYPICAL OPERATION AND TEST CONDITIONS

E_f	1.25	Volts	I_p	95	μa
I_f	10.0	ma	G_m	110	μmho
E_p	7.5	Volts	I_g	5×10^{-14}	amp
E_g	−2.2	Volts	M_u	2.1	

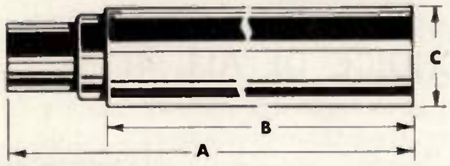
ELECTROMETER TETRODE

5800/VX-41A

AS A TETRODE ELECTROMETER

Plate Voltage	+4.5	Volts	Transconductance	15	μmhos
Accelerator Grid Voltage (g_1)	+3.4	Volts	Plate Current	12	μa
Control Grid Voltage (g_2)	−3	Volts	Accelerator Grid Current	300	μa
Amplification Factor	1		Control Grid Current	10^{-15}	Amp

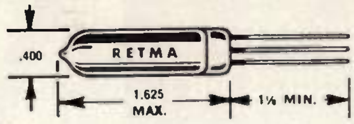
CORONA TYPE VOLTAGE REGULATORS



Commonly Used Metal Regulators*

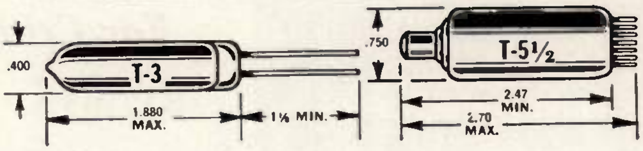
TYPE	VOLTAGE RANGE	TOLERANCE	NOM. TEST POINT	CURRENT MAX.	CURRENT MIN.	REGULATION 100-1000μa	DIMENSIONS A	DIMENSIONS B	DIMENSIONS C
M105B	6 KV-10 KV	±500V	500μa	1000μa	50μa	7½%	6 9/32	5	1¼
M105	10 KV-20 KV	±500V	500μa	1000μa	100μa	10%	6 9/32	5	1¼
M108	10 KV-20 KV	±500V	500μa	1000μa	100μa	7%	9 9/32	8	1¼
M126	20 KV-25 KV	±500V	500μa	1000μa	100μa	10%	7 9/32	6	1½
M128	20 KV-27 KV	±500V	500μa	1000μa	100μa	7%	9 9/32	8	1½

CORONA TYPE VOLTAGE REGULATORS



R.E.T.M.A. Types

TYPE	NOM.	TOLERANCE	NOM. TEST PT.	CURRENT IN μa MIN.	MAX.	PEAK	REGULATION VOLTS	CURRENT RANGE
5950	700V	± 15V	25μa	5	100	150	14V	5-100μa
5841	900V	± 18V	25μa	5	100	150	18V	5-100μa
6143	1200V	± 24V	25μa	10	100	150	24V	5-100μa
6119	2000V	±100V	25μa	15	100	150	40V	5-100μa

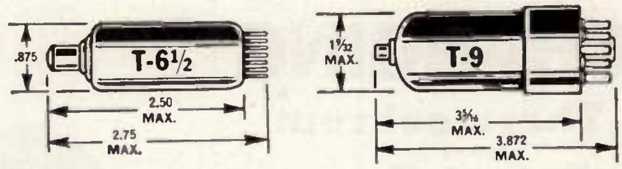


Commonly Used Models in T-3 Size*

TYPE	NOM. TEST PT.	TOLERANCE	NOM.	CURRENT IN μa MIN.	MAX.	PEAK	REGULATION VOLTS	CURRENT RANGE
GV3B-400	50μa	±10V	400V	5	150	300	15V	5-150μa
GV3B-600	50μa	±10V	600V	5	150	300	20V	5-150μa
GV3A-900	50μa	±15V	900V	10	250	350	25V	10-250μa
GV3A-1200	50μa	±30V	1200V	10	250	400	40V	10-250μa
GV3A-1500	50μa	±30V	1500V	15	300	500	50V	15-300μa
GV3A-2000	50μa	±50V	2000V	15	300	500	75V	15-300μa

Commonly Used Models in T-5½ Size*

TYPE	NOM.	TOLERANCE	NOM. TEST PT.	CURRENT IN μa MIN.	MAX.	PEAK	REGULATION VOLTS	CURRENT RANGE
GV5B-700	700V	±20V	100μa	10	250	350	25V	10-250μa
GV5B-900	900V	±25V	100μa	10	300	500	30V	10-300μa
GV5B-1000	1000V	±30V	100μa	10	300	500	35V	10-300μa
GV5A-1200	1200V	±36V	100μa	10	400	600	40V	10-400μa
GV5A-2200	2200V	±65V	100μa	20	800	1000	50V	20-800μa
GV5A-3000	3000V	±90V	100μa	30	1000	1200	75V	30-1000μa



Commonly Used Models in T-6½ Size

TYPE	NOM. VOLTAGE	TOLERANCE	NOM. TEST PT.	CURRENT IN μa MIN.	MAX.	PEAK	REGULATION**
GV6A-450	450	±11V	500μa	20	1000	1300	30V
GV6A-1000	1000	±25V	500μa	30	1000	1500	42V
GV6A-2500	2500	±65V	500μa	50	1500	3500	100V
GV6A-3000	3000	±75V	500μa	50	1000	3500	70V

**This regulation is the change in voltage over the useful range of current from MIN. to MAX.

Commonly Used Models in T-9 Size

TYPE	NOM. VOLTAGE	TOLERANCE	NOM. TEST PT.	CURRENT IN μa MIN.	MAX.	PEAK	REGULATION**
GV9A-600	600	±15V	1000μa	50	1500	2000	25V
GV9A-1000	1000	±25V	1000μa	50	1750	2200	45V
GV9A-2000	2000	±50V	1000μa	50	3500	4200	80V
GV9A-3000	3000	±75V	1000μa	50	2700	7000	110V

**This regulation is the change in voltage over the useful range of current from MIN. to MAX.

*T-3 size voltage regulators are available in any desired nominal voltage ±2% from 400 volts to 2000 volts at the customary test point of 50 ua. T-5½ size voltage regulators are available in any desired nominal voltage ±3% from 400 volts to 6000 volts at the nominal test point at 100 ua. Metal regulators are available in any desired voltage ±500 volts from 7½ KV. to 27½ KV. at the customary test point of 500 ua. All other characteristics such as maximum and minimum currents, regulation, etc., may be interpolated from the table.

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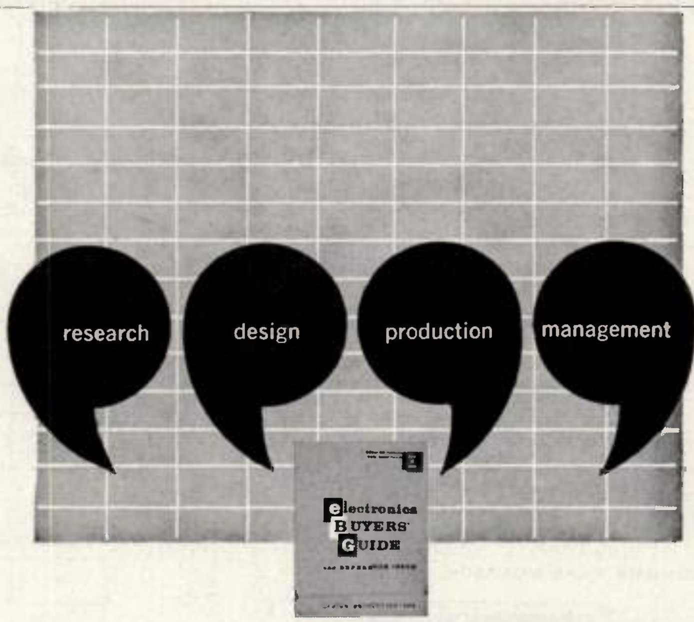

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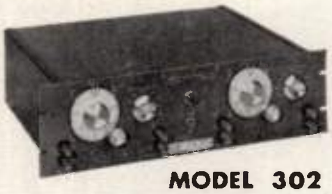
MODEL 302


MODEL 300


MODEL 308

FUNCTION		High or Low Pass Band Pass or Reject	High or Low Pass	High or Low Pass Band Pass or Reject
Cut-off Freq. Range		20 cps to 200 kc	20 cps to 200 kc	0.2 cps to 20 kc
Attenuation Rate	Per Section	18 db/octave	18 db/octave	24 db/octave
	Max.	36 db/octave	18 db/octave	48 db/octave
PASS BAND		2 cps to 4 mc	2 cps to 4 mc	DC to 1 mc
DIAL ACCURACY		± 3% to 20 kc ± 5% above 20 kc	± 3% to 20 kc ± 5% above 20 kc	± 5%
INSERTION LOSS		0 ± 1 db	0 ± 1 db	4.5 db ± 1 db
NOISE LEVEL		60 microvolts	60 microvolts	60 microvolts

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for every application

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The 9 in 1 amplifier providing any combination of:

Gaussian, flat or sloping response curve

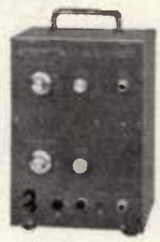
Linear, pulse or high level pulse output mode

MODEL	BANDWIDTH	GAIN	OUTPUT	IMPEDANCE	
				INPUT	OUTPUT
222	40 mc—216 mc	28 db	2 v, peak	75	75
211C	15 mc—110 mc	33 db	4 v, rms	50 or 75	50 or 75
202D	1 kc—210 mc	20 db	4 v, rms	200	200
212C	54 mc—216 mc	20 db	3 v, peak	50 or 75	50 or 75
206	600 cps to 320 mc	18 db to 24 db	(1) 6 v, rms (2) 60 v, pulse (3) 125 v, pulse	180	200

FAST-RISE PULSE GENERATOR

THE Standard for Millimicrosecond Pulses

Model 503 is ideal for testing the transient response of wide band amplifiers and semiconductors. Higher voltage pulses are available through use of an external power supply.



Rise time:	Less than 1 millimicrosecond
Amplitude:	0 to 150 volts
Repetition Rate:	50 to 120 cps
Pulse Width:	.06 x 10^{-10} Sec., Minimum Determined by Length of Width Cable. Max. Width not Restricted. .05 x 10^{-9} Sec., Factory Supplied
Polarity:	Either Positive or Negative
Load Impedance:	50 ohms

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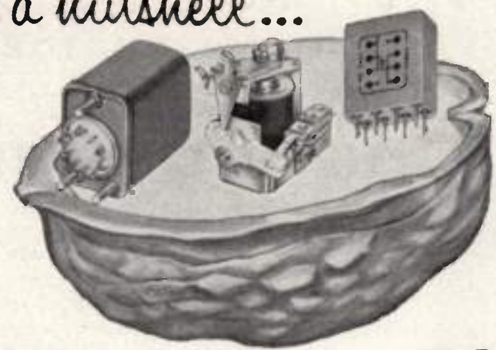

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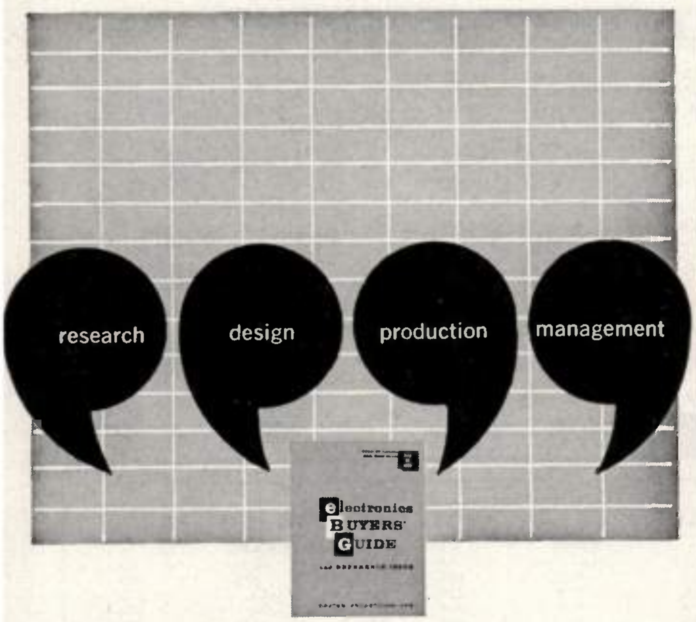

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	F1	F3	F4	F8	F32
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Heat pumping Capacity (watts)	1	3	4	8	32

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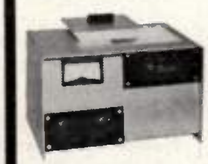
Cool diodes, power transistors, memory cores and other heat-sensitive components. GTC component coolers add reliability and performance capability by extending temperature ranges by a wide margin.



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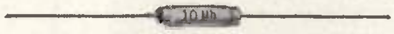
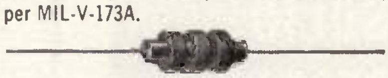


R-25 series MIL-inductance chokes for high frequency circuits, as filament chokes and peaking coils, inductance per MIL-C15305A, coil forms per MIL-P-14, and impregnation per MIL-V-173A.



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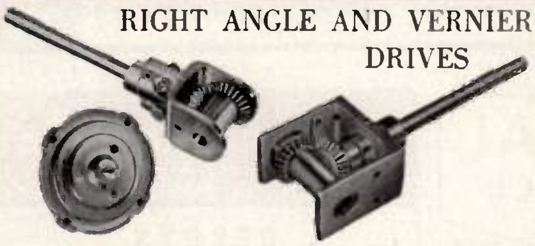

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Type AN: Vernier mechanism designed for use with any 3/16" National knobs or others. Fully insulated output shaft coupling; output hub fits ¼" shaft; adaptable to many types of drives.

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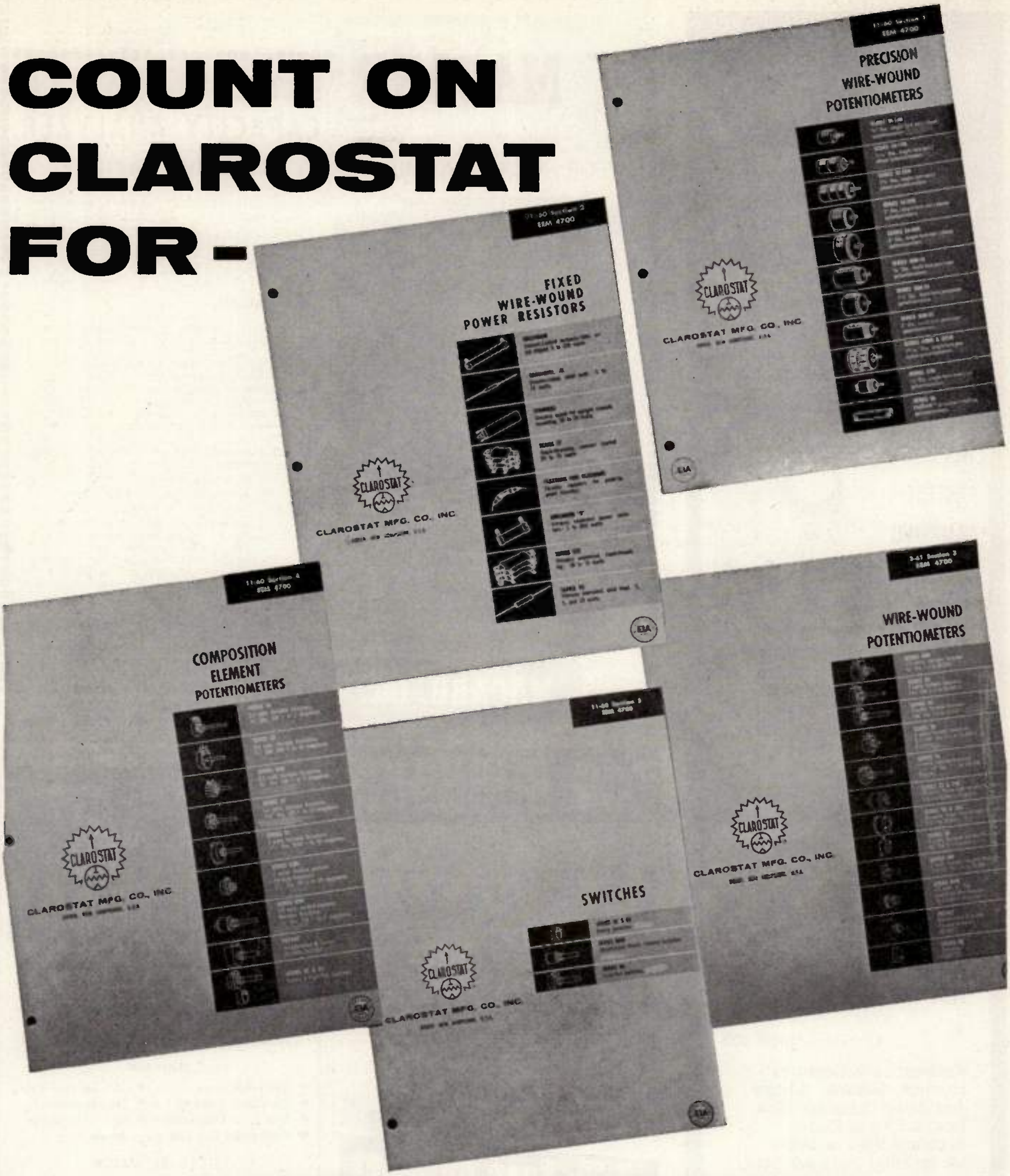

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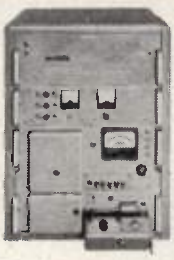

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MODEL 505-50

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OUTPUT: Nominal 6-12-24 (28) volts constant potential. 50 Amperes DC.

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Fit curved surfaces
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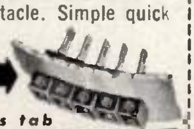

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T2BS	.125	3/16	1-7/16	16
T4BS	.1875	9/32	2	64
T6BS	.250	3/8	2-1/2	256

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Internal delay ranges from calibrated Helipot: 120, 1100, 11000 μsec.
Gate Output available for intensifying and blanking purposes.
External modulation of r.f. oscillator using varying pulse length and p.r.f.'s for Carr-Purcell method.
Double Pulse output
Fine controls on P.R.F. pulse length and Delay Time.
Special coils will extend coverage rom 0.5 to 150 MC.

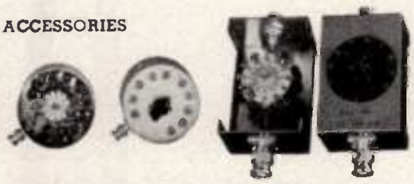
PREAMPLIFIER, PA-620

This Preamplifier is a general purpose device for matching ultrasonic transducers with capacities as high as 100 pfd between 5 and 65 MC, and to provide a limited amount of gain with a good signal to noise ratio. Two of the three stages have variable bandwidth as well as center frequencies. An additional feature is a comparer stage with separate gain control low impedance input for attenuation measurements.

SPECIFICATIONS

Input impedances .... 93 to 3200 ohms
Bandwidths .... 0.5—17 MC
Low noise cascade input with 6922 tube
Three other tubes—6AK5
Gain .... 35—50 db

ACCESSORIES



A wide variety of accessories built for convenience and accuracy are available—resistors, capacitors and resistances.
Single units or decade boxes are conveniently designed in series and parallel combinations.

For details and price list write to:

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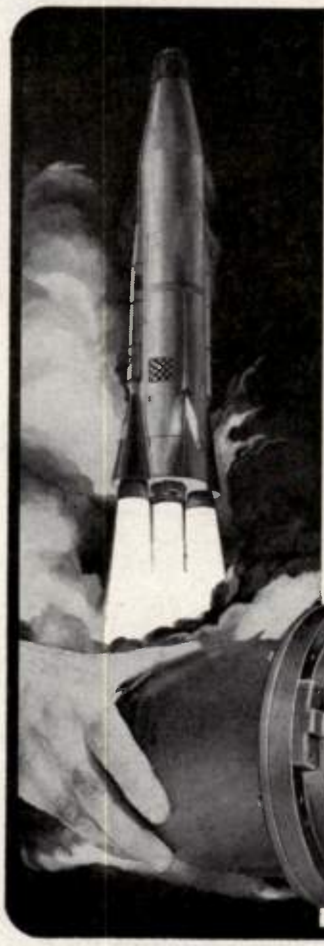
94 Green St., Jamaica Plain 30, Mass.
TEL. JAmaica 2-8640



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BANDWIDTH— *Typical ranges*
100 kc—70 mc
3 mc—100 mc

IMPEDANCE—*Typical ranges*
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Wide variety of standard units available covering various impedances and bandwidths

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LANGUAGE LABORATORY HEADSETS AND MICROPHONES

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P.M & E.'s headsets and microphones are designed specifically for language laboratory training. A combination of extended response, comfort and student-proof construction allows these headsets and microphones to be used at any level in language laboratory training.* Two models available, write for complete details.

**Also suitable for Aircraft use, Dental Analgesia and General Communication.*

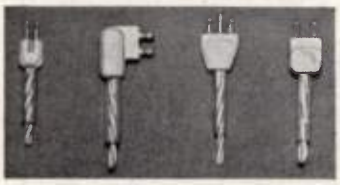
MICROPHONE SPECIFICATIONS			
Type	Impedance	Output	Frequency Response
Controlled Magnetic	200 Ohms	—50 db*	100—10,000
Controlled Magnetic	16,000 Ohms	—50 db*	100—10,000
Ceramic	High	—55 db*	40— 8,000

*Reference Level: db below 1 v/microbar

EARPHONE SPECIFICATIONS			
Type	Impedance	Output	Frequency Response
Dynamic	10 and 300 Ohms	105 db*	30—15,000

*Reference Level: odb= .000204 dynes/sq. cm. at 1000 C.P.S. for 1 mw signal input.

MINIATURE CORD SETS



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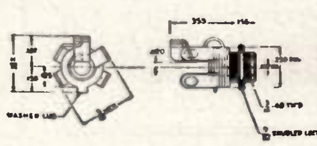

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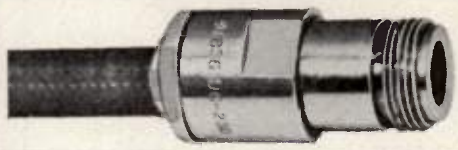

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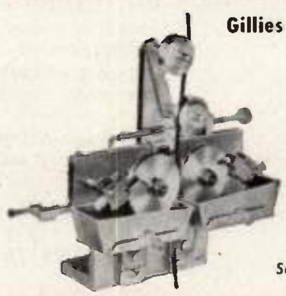

Gillies Engraved Concave or Flat Wheels are widely used for printing on rubber or plastic coated wire, for code or manufacturer identification. Machines print on ONE or BOTH SIDES in large legible letters. Wheels adaptable to any machine or we will supply machines. Wheels, shafts, ink pans and all accessories readily removable for quick and easy cleaning. Wheels of TOOL STEEL, HARDENED to Rockwell test 61-64 and HARD CHROME PLATED.

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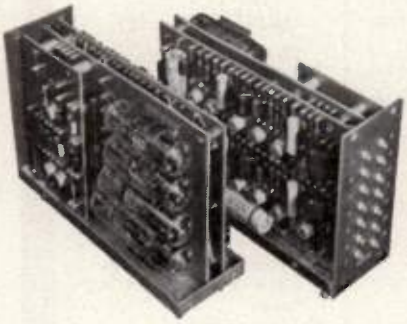
FREQUENCY SOURCES, CRYSTALS, OVENS, FILTERS



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TRANSISTORIZED AND HARD TUBE TYPES of Reeves-Hoffman packaged oscillators are available in a frequency range from 100 cps to 100 mc. Stability is up to 1 part in 10^9. Packaged to your specifications.

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STANDARD TYPES of Reeves-Hoffman crystals, for all commercial and military applications, are available in a frequency range from 1 kc to 100 mc. Hermetically sealed in metal holders.

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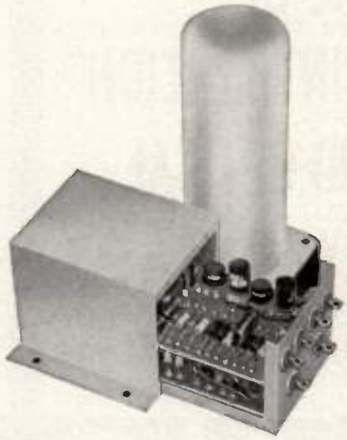

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OVENS for precise temperature control are available in three types:

PROPORTIONAL CONTROLLED, for precise frequency standards, hold within 1/100th of 1° C at any fixed ambient.

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FILTERS CRYSTAL FILTERS are available in a frequency range from audio to 30 mc.

Compact, rugged and highly reliable Reeves-Hoffman components are available in standard types or will be designed and manufactured to your specifications.

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Crystal detectors designed for the most sophisticated counting problems. Our physics and engineering group are available to assist you in your special detector problems.

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STANDARD LINE

(Hermetically Sealed Crystal Assemblies)

- The accepted standard of the industry
- Proven through years of service in research, medical and industrial applications
- unparalleledperformance
- dependability
- consistent good quality

INTEGRAL LINE

(Crystal photo multiplier tube combination assembly)

- Improved resolution
- Ready to use plug-in unit
- Permanently light sealed
- Capsule design facilitates decontamination
- Close dimensional tolerances
- Harshaw guaranteed

Large Crystal MATCHED WINDOW LINE

(Designed primarily for crystals 4" dia. and larger)

- "Small crystal" performance achieved through improved optical design
- Low mass containers
- Available in standard aluminum or complete low background assemblies
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- Ready to use



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For Infrared and Ultra Violet Transmitting Optics

"HARSHAW QUALITY" INHERENT IN EACH HARSHAW-GROWN CRYSTAL GUARANTEES THE MOST EFFICIENT OPTICAL TRANSMISSION POSSIBLE THROUGH:

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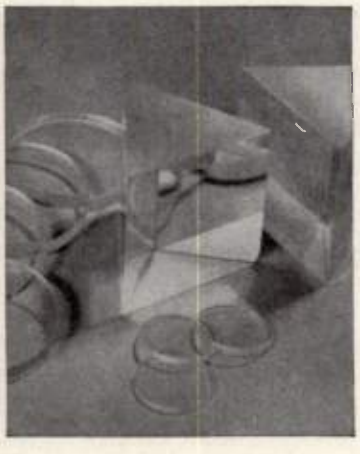
2) Freedom from absorptions caused by trace impurities in crystal optics
3) Minimum strain

"HARSHAW QUALITY" meets the demand for uniformity of optical properties such as dispersion and refractive index. Prices, specifications, or other information will be sent in answer to your inquiry.

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NATIONAL SEMICONDUCTOR CORP.—SILICON TRANSISTORS

NPN EPITAXIAL TRANSISTORS

TYPE	mW FREE AIR DISSIPATION	°C MAX. OP. TEMP.	VOLT BV_{CBO}**	VOLT BV_{CEO}**	VOLT BV_{EBO}**	CURRENT GAIN-AC	CURRENT GAIN-DC	mA COLLECTOR CURRENT	mc f_{ab}**	mc f_T**	VOLT V_{CE}††	µA I_{CBO}††	µµf C_{ob}††	PHYS. PACKAGE
NS381	300	175		20	5		20-60				.25	0.1	5	TO-18
NS382	300	175		20	5		40-120				.25	0.1	5	TO-18
NS383	300	175		12	5		20-60				.15	0.1	5	TO-18
NS384	300	175		12	5		40-120				.15	0.1	5	TO-18
2N743	300	175		12			20-60				.35		5	TO-18
2N744	300	175		12			40-120				.35		5	TO-18
2N1248*	30	150	6	6	1		15		50			0.1	10	TO-5

NPN MESA TRANSISTORS

TYPE	mW FREE AIR DISSIPATION	°C MAX. OP. TEMP.	VOLT BV_{CBO}**	VOLT BV_{CEO}**	VOLT BV_{EBO}**	CURRENT GAIN-AC	CURRENT GAIN-DC	mA COLLECTOR CURRENT	mc f_{ab}**	mc f_T**	VOLT V_{CE}††	µA I_{CBO}††	µµf C_{ob}††	PHYS. PACKAGE
2N332	150	175	45		1	9-22		25	1		1	2	30	TO-5
2N332A	500	175	45	45	4	9-22		25	2.5		1	0.5	15	TO-5
2N333	150	175	45		1	18-40		25	1		1	2	30	TO-5
2N333A	500	175	45	45	4	18-40		25	2.5		1	0.5	15	TO-5
2N334	150	175	45		1	18-90		25	8		1	2	30	TO-5
2N334A	500	175	45	45	4	18-90		25	8		1	0.5	15	TO-5
2N335	150	175	45		1	36-90		25	1		1	2	30	TO-5
2N335A	500	175	45	45	4	36-90		25	2.5		1	0.5	15	TO-5
2N336	150	175	45		1	76-333		25	1		1	2	30	TO-5
2N336A	500	175	45	45	4	76-333		25	2.5		1	0.5	15	TO-5
2N337	125	150	45	30	1	19 min.	20-55	20	10		1.5	1	3	TO-5
2N338	125	150	45	30	1	39 min.	45-150	20	20		1.5	1	3	TO-5
2N756	500	200	45	45	6			100	50		1	0.2	8	TO-18
2N756A	500	200	60	60	6	12-22		100	50		1	0.1	8	TO-18
2N757	500	200	45	45	6			100	50		1	0.2	8	TO-18
2N757A	500	200	60	60	6	18-40		100	50		1	0.1	8	TO-18
2N758	500	200	45	45	8			100	50		1	0.2	8	TO-18
2N758A	500	200	60	60	8	18-90		100	50		1	0.1	8	TO-18
2N759	500	200	45	45	8			100	50		1	0.2	8	TO-18
2N759A	500	200	60	60	8			100	50		1	0.1	8	TO-18
2N760	500	200	45	45	8			100	50		1	0.2	8	TO-18
2N760A	500	200	60	60	8	76-333		100	50		1	0.1	8	TO-18
2N761	500	200	50	30	6	19 min.	20-55	100	50		1	0.2	8	TO-18
2N762	500	200	50	30	6	39 min.	45-150	100	50		1	0.2	8	TO-18
2N752	500	200	85	45	8			100		200	1	0.1	5	TO-18
2N1564	600	175	80	60	5	20-50				30	1	1	10	TO-5
2N1565	600	175	80	60	5	40-100				60	1	1	10	TO-5
2N1566	600	175	80	60	5	80-200				60	1	1	10	TO-5
2N734	500	175	80	60	5	20-50				30	1	1	10	TO-18
2N735	500	175	80	60	5	40-100				60	1	1	10	TO-18
2N736	500	175	80	60	5	80-200				60	1	1	10	TO-18
2N541	200	200	15	15	2	80-200					1.5	0.5	20	TO-5
2N542	200	200	30	30	2	80-200					1.5	0.5	20	TO-5
2N543	200	200	45	45	2	80-200					1.5	0.5	20	TO-5
2N1247	30	150	6	6	2		15	5					12	TO-5
2N560	500	200	60	60	8		20 min.	100		60	0.5	0.1	8	TO-5
2N742	500	200	60	60	8		20 min.	100		60	0.5	0.1	8	TO-18
2N702	300	175	25	25	5		20-60	100		70	0.5	0.5	6	TO-18
2N703	300	175	25	25	5		40-100	100		70	0.5	0.5	6	TO-18
2N706	300	175	25	20	5		15 min.			200	0.6	0.5	6	TO-18
2N706A	300	175	25	20	5		20-60			200	0.6	0.5	5	TO-18
2N706B	300	175	25	15	5		20-60	50		200	0.4	0.5	5	TO-18
2N753	300	175	25	20	5		40-120			200	0.6	0.5	5	TO-18
2N696	600	175	60	40	5		20-60			40	1.5	1	35	TO-5
2N697	600	175	60	40	5		40-120			50	1.5	1	35	TO-5
2N698	600	175	120	80	5		20 min.			40	5	2	20	TO-5
2N699	600	175	120	80	5		40-120			50	5	2	20	TO-5
2N1420	600	175	60	40	5		100-300			50	1.5	1	35	TO-5
2N717	400	175	60	40	5		20-60			40	1.5	1	35	TO-18
2N718	400	175	60	40	5		40-120			50	1.5	1	35	TO-18
2N720	400	175	120	80	5		40-120			50	5	2	20	TO-18
2N497	800	175	60	60	8		12-36				5	10		TO-5
2N498	800	175	100	100	8		12-36				5	10		TO-5
2N656	800	175	60	60	8		30-90				5	10		TO-5
2N657	800	175	100	100	8		30-90				5	10		TO-5
2N1149	150	175	45		1	9-20		25	1		1	2	7	TO-22
2N1150	150	175	45		1	18-40		25	1		1	2	7	TO-22
2N1151	150	175	45		1	18-90		25	8		1	2	7	TO-22
2N1152	150	175	45		1	36-90		25	1		1	2	7	TO-22
2N1153	150	175	45		1	76-333		25	1		1	2	7	TO-22
2N1154	750	150	50		1	9 min.		60	1		6	5		TO-22
2N1155	750	150	80		1	9 min.		50	1		5.25	6		TO-22
2N1156	750	150	120		1	9 min.		40	1		4	8		TO-22
2N243	750	150	60		1	9-30		60	1		7	1		TO-22
2N244	750	150	60		1	25-90		60	1		7	1		TO-22

** Minimum †† Maximum * Low Noise

61-6

NATIONAL SEMICONDUCTOR CORP.—SILICON TRANSISTORS

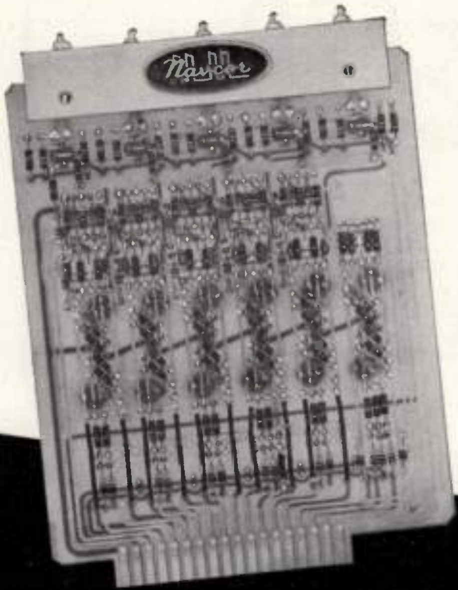
PNP ALLOY TRANSISTORS

	mW	°C	mA	VOLT	VOLT	VOLT			mc	μA	OHM	μμf	
	FREE AIR DISSIPATION	MAX. OP. TEMP.	COLLECTOR CURRENT	BV_{CBO}**	BV_{CEO}**	BV_{EBO}**	CURRENT GAIN-AC	CURRENT GAIN-DC	FREQ. CUTOFF**	I_{CBO}††	r_{CS}††	C_{ob}††	PHYS. PACKAGE
2N923	150	200	100	40	25	40	12-30		.8	.025	100	25	TO-18
2N924	150	200	100	40	25	40	24-60		.8	.025	100	25	TO-18
2N925	150	200	100	50	40	50	10-24		.8	.025	100	25	TO-18
2N926	150	200	100	50	40	50	20-55		.8	.025	100	25	TO-18
2N927	150	200	100	70	60	70	8-22		.8	.025	100	25	TO-18
2N928	150	200	100	70	60	70	18-55		.8	.025	100	25	TO-18
2N327A	385	160	50	50	40	20		9-22	.7 typ	0.1	60	15*	TO-5
2N328A	385	160	50	50	35	20		18-44	.7 typ	0.1	50	15*	TO-5
2N329A	385	160	50	50	30	20		36-88	.7 typ	0.1	40	15*	TO-5
2N1024	150	150	100		15	15	9-		1	.025	100	7*	TO-5
2N1025	150	150	100		35	35	9-18		1	.025	100	7*	TO-5
2N1034	250	160	50	50	40	20	9-22		.2 typ	1.0	62	15*	TO-5
2N1035	250	160	50	50	35	20	18-40		.3 typ	1.0	62	15*	TO-5
2N1036	250	160	50	50	30	20	36-88		.5 typ	1.0	62	15*	TO-5
2N1037	250	160	50	50	35	20	25*		.3 typ	1.0	62	15*	TO-5
2N1220	150	150	100	30	25	20		9-	2	0.1	30	18	TO-5
2N1221	150	150	100	30	25	10	18-		5	0.1	30	15	TO-5
2N1222	150	150	100	30	25	10	9-		2	0.1	30	18	TO-5
2N1223	150	150	100	40	40	10	6-		2 typ	0.1	30	15*	TO-5
2N1228	400	160		15	15	15	14-32		1.2 typ	0.1	20	10*	TO-5
2N1229	400	160		15	15	15	28-65		1.2 typ	0.1	20	10*	TO-5
2N1230	400	160		35	35	35	14-32		1.2 typ	0.1	20	10*	TO-5
2N1231	400	160		35	35	35	28-65		1.2 typ	0.1	20	10*	TO-5
2N1232	400	160		60	60	60	14-32		1 typ	0.1	20	10*	TO-5
2N1233	400	160		60	60	60	28-65		1 typ	0.1	20	10*	TO-5
2N1234	400	160		110	110	110	14-32		.9 typ	0.1	20	10*	TO-5
2N1275	250	160	50	100	80	60		9-25	7 typ	1.0	60	110	TO-5
2N1439	400	200	100	50	50	50	5-12		.5	.025	100	25	TO-5
2N1440	400	200	100	60	50	60	9-22		1	.025	100	25	TO-5
2N1441	400	200	100	50	35	50	18-36		1	.025	100	25	TO-5
2N1442	400	200	100	50	30	50	30-65		1	.025	100	25	TO-5
2N1443†	400	200	100	50	15	50	50-		1	.025	100	25	TO-5

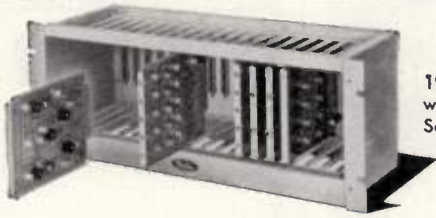
	mW	°C	mV	VOLT	VOLT	VOLT	nA	nA	nA	nA	OHM	pf	
	FREE AIR DISSIPATION	MAX. OP. TEMP.	ΔV_0††	BV_{CBO}**	BV_{CEO}**	BV_{EBO}**	I_{CBO}††	I_{ECO}††	I_{EBO}††	I_{EBO}†† I_{CBO}†† 65°C	Rd††	C_{ecb}††	PHYS. PACKAGE
2N2002×	250	175	1.0	30	5	30	1.0	1.0	1.0	30	30	20	TO-5
2N2003×	250	175	2.5	30	5	30	3.0	3.0	3.0	50	30	20	TO-5
2N2004×	250	175	1.0	50	15	50	1.5	1.5	1.5	30	30	20	TO-5
2N2005×	250	175	3.5	50	15	50	5.0	5.0	5.0	50	30	20	TO-5
2N2006×	250	175	1.5	60	35	60	2.0	2.0	2.0	100	40	20	TO-5
2N2007×	250	175	3.5	60	35	60	5.0	5.0	5.0	100	50	20	TO-5

61-6

* Typical   † Low Noise   ** Minimum   †† Maximum   △ Offset voltage specified at two other base currents.   × The 2N2002 series is specified for use in the inverted configuration.



5 Stage
Reversible
Binary Counter
SERIES 300



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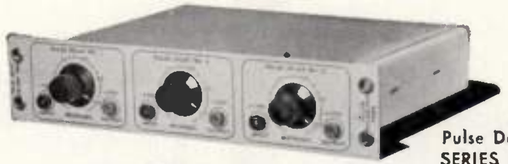
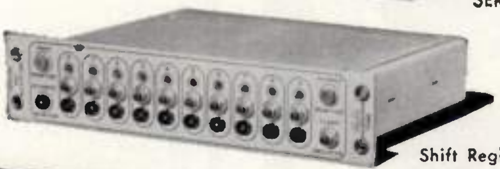
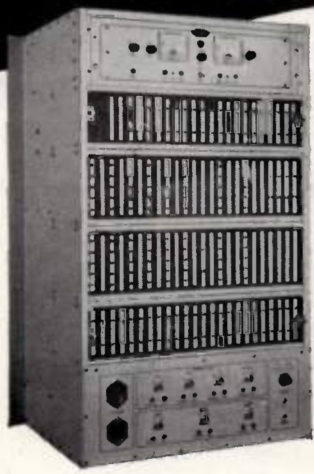


Pulse Delay Tri-Unit
SERIES 100



Shift Register Decade Unit
SERIES 100

TRANSISTORIZED DIGITAL SYSTEMS BLOCKS



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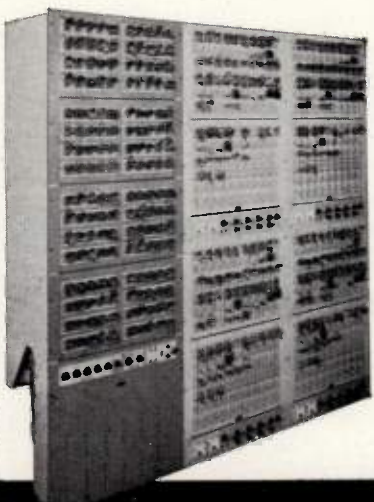

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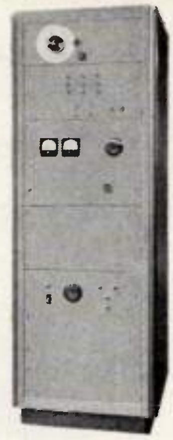

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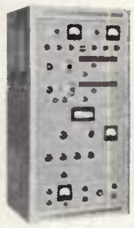

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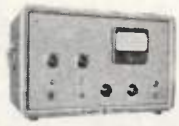

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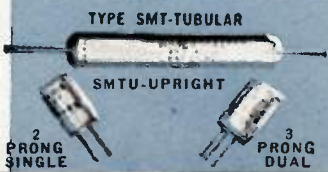

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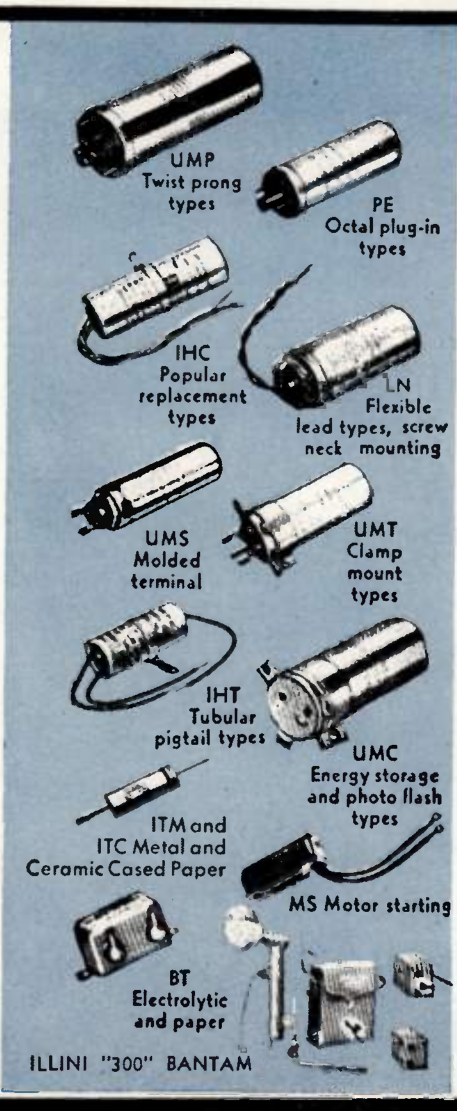

TYPE UMP Standardized twist-prong type. Patented molded terminal construction for efficient, stable operation under extreme temperature ranges. Capacity ranges from 10 to 3,000 MFD and from 6 to 525 WVDC.

TYPE PE Hermetically sealed plug-in octal base type. Especially useful in fixed or mobile communications equipment. Operating temperature range −40°C to +85°C. Available in wide ranges of capacities and voltages.

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TYPE LN Extruded aluminum can type with screw neck mounting and flexible leads. Capacity ranges from 8 to 80 MFD and from 450 to 600 WVDC.

TYPE UMS Hermetically sealed inverted can type with screw neck mounting and molded-in terminals. Wide ranges of capacities and voltage ratings. Meets all government specs.

TYPE UMT Inverted can type with clamp mounting. Hermetically sealed, shock resistant with new molded terminal construction. Ideal for use in highest quality equipment. Meets all government specs. Wide capacity and voltage ranges.

TYPE IHT Popular tubular aluminum can, pigtail type electrolytic. Internal riveted construction. In capacity ranges of 1 to 2000 MFD and from 6 to 600 WVDC. Also available with solder lug terminals. Supplied with insulating sleeves.

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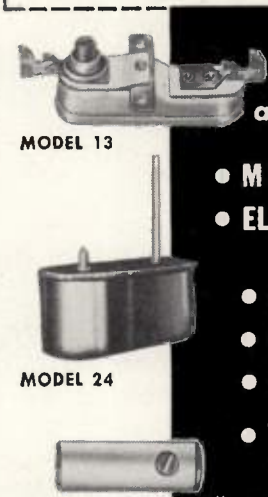

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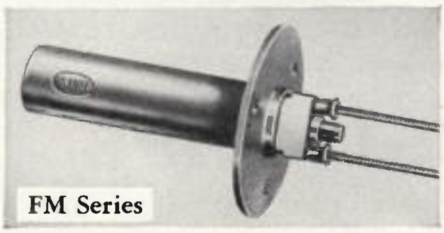

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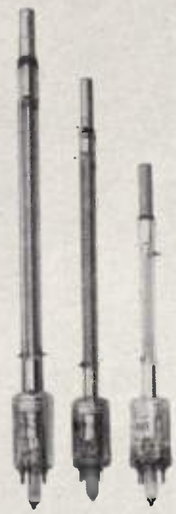

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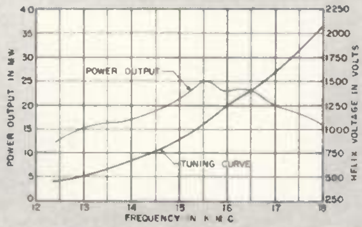

TYPE #	Freq. range, kmc	Min. Power, mw
OD 1-2	1-2	50
OD 2-4	2-4	30
OD 3.7-5.9	3.7-5.9	30
OD 4-8	4-8	10
OD 5.2-8.3	5.2-8.3	10
OD 6-11	7-11	10
OD 6-12	6-12	10
OD 7-13	8.2-12.4	10
OD 10-15	10-15.5	10
OD 12-18	12.4-18	10
OD 15-22	15-22	10

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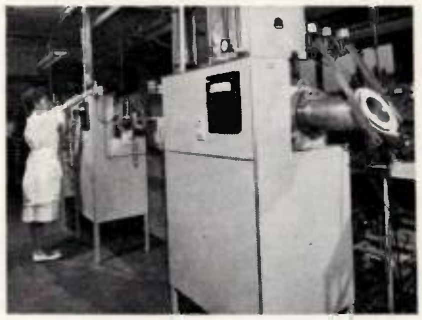

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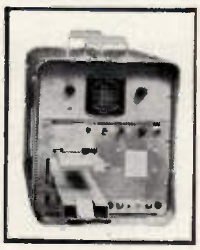

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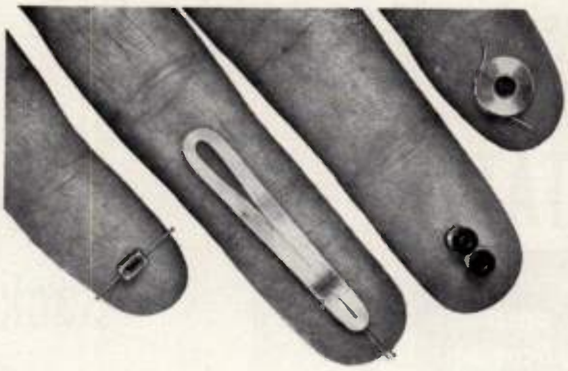

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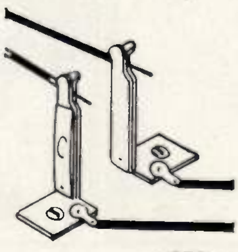

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President, The National Safety Council

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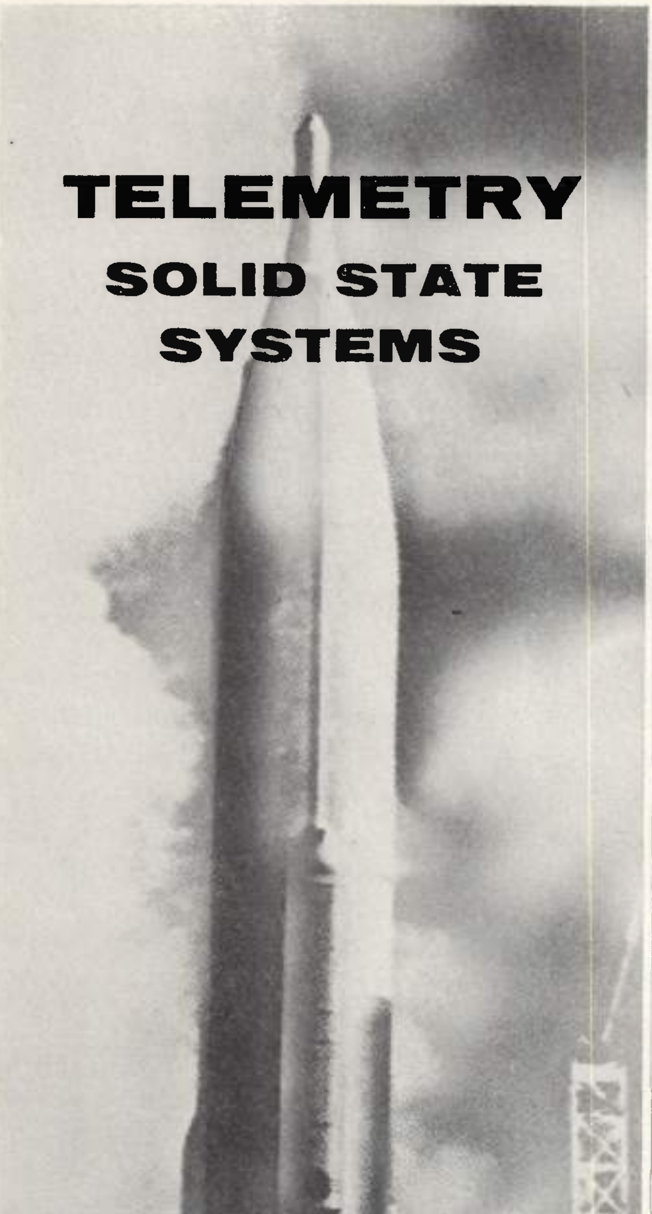

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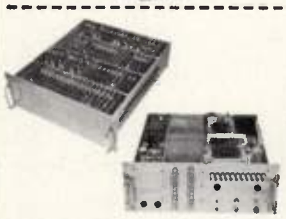

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NC-15	15	±15%	50
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NC-33	33	±15%	50
NC-47	47	±15%	50
NC-68	68	±15%	50
NC-82	82	±15%	50
NC-100	100	±20%	50
NC-250	250	±20%	50
NC-500	500	±20%	50
NC-750	750	±20%	50
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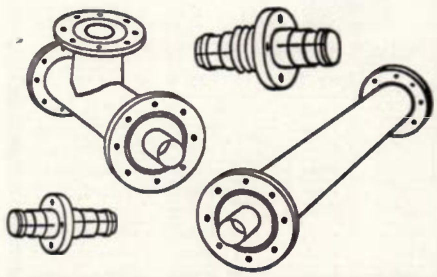

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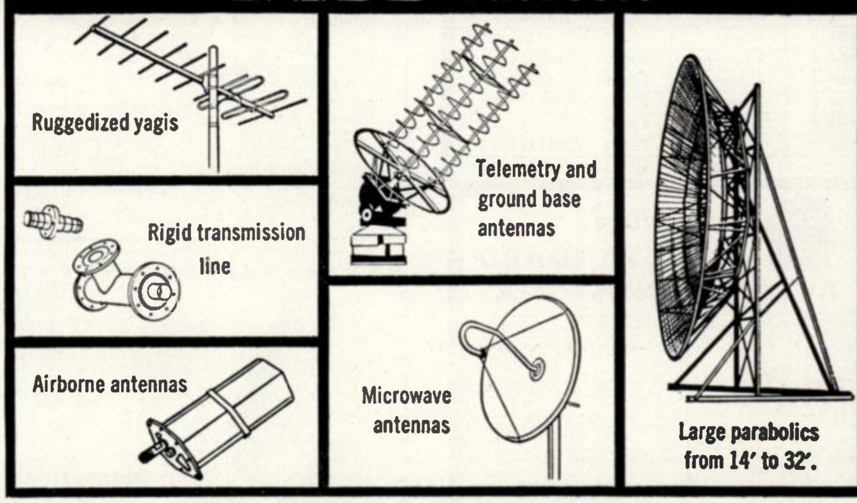

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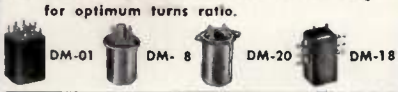

Cat. No.	MIL Type	Pulse Voltage Kilovolts	Char. Imp. Ohms
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MPT- 2	TF4RX35YY	0.25/0.25	250
MPT- 3	TF4RX35YY	0.5/0.5/0.5	250
MPT- 4	TF4RX35YY	0.5/0.5	250
MPT- 5	TF4RX35YY	0.5/0.5/0.5	500
MPT- 6	TF4RX35YY	0.5/0.5	500
MPT- 7	TF4RX35YY	0.7/0.7/0.7	200
MPT- 8	TF4RX35YY	0.7/0.7	200
MPT- 9	TF4RX35YY	1.0/1.0/1.0	200
MPT-10	TF4RX35YY	1.0/1.0	200
MPT-11	TF4RX35YY	1.0/1.0/1.0	500
MPT-12	TF4RX35YY	0.15/0.15/0.3/0.3	700

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MGP 3	Plate & Fil.	90028	TF4RX03KB006
MGP 4	Plate & Fil.	90029	TF4RX03LB003
MGP 5	Plate & Fil.	90030	TF4RX03MB004
MGP 6	Plate	90031	TF4RX02KB001
MGP 7	Plate	90032	TF4RX02LB002
MGP 8	Plate	90036	TF4RX02NB003
MGF 1	Filament	90016	TF4RX01EB002
MGF 2	Filament	90017	TF4RX01GB003
MGF 3	Filament	90018	TF4RX01FB004
MGF 4	Filament	90019	TF4RX01HB005
MGF 5	Filament	90020	TF4RX01FB006
MGF 6	Filament	90021	TF4RX01GB007
MGF 7	Filament	90022	TF4RX01JB008
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MGF 9	Filament	90024	TF4RX01JB012
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MGA 3	Pri. 600 Split Sec. 135,000 C.T.	Input	90002	TF4RX10AJ001
MGA 4	Pri. 600 Split Sec. 600 Split	Matching	90003	TF4RX16AJ001
MGA 5	Pri. 7,600 Tap @ 4,800 Sec. 600 Split	Output	90004	TF4RX13AJ001
MGA 6	Pri. 7,600 Tap @ 4,800 Sec. 4, 8, 16	Output	90005	TF4RX13AJ002
MGA 7	Pri. 15,000 C.T. Sec. 600 Split	Output	90006	TF4RX13AJ003
MGA 8	Pri. 24,000 C.T. Sec. 600 Split	Output	90007	TF4RX13AJ004
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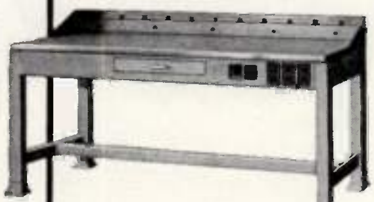

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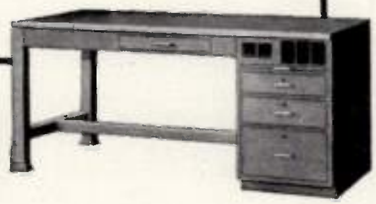

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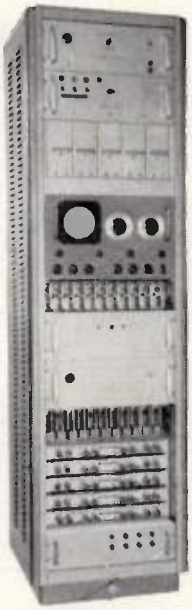

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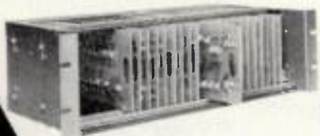

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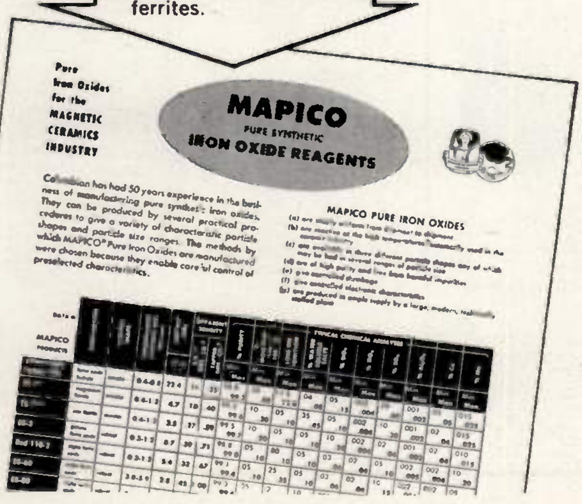

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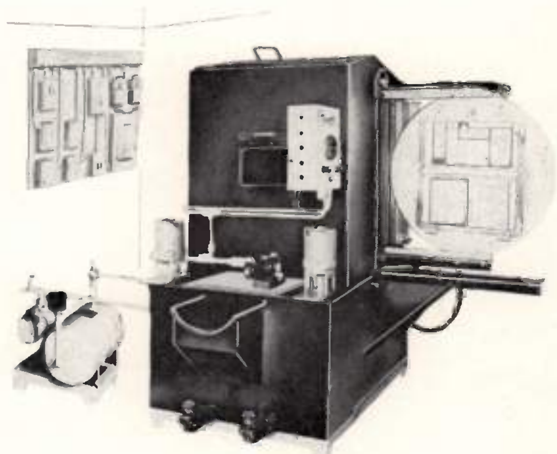

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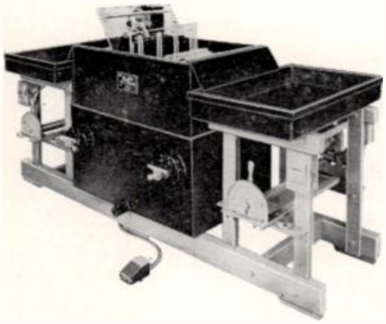

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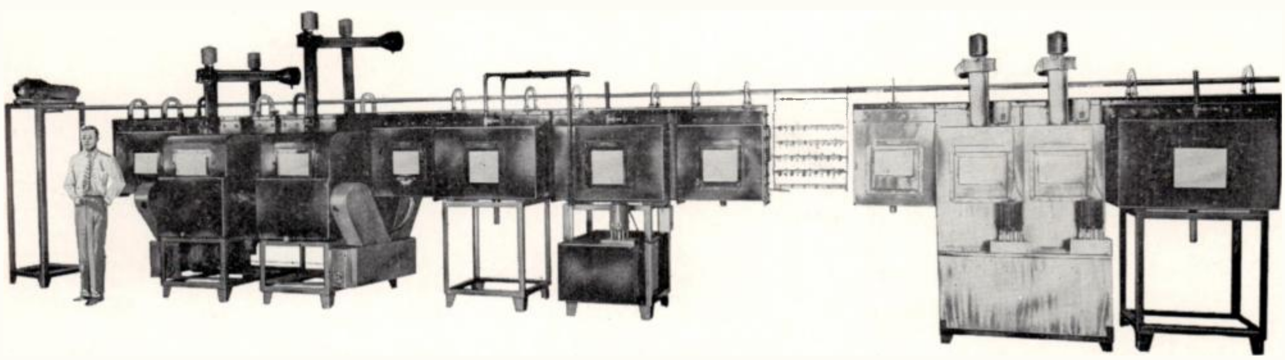

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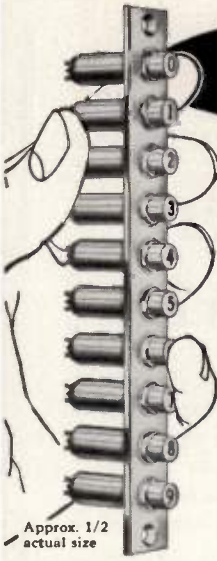

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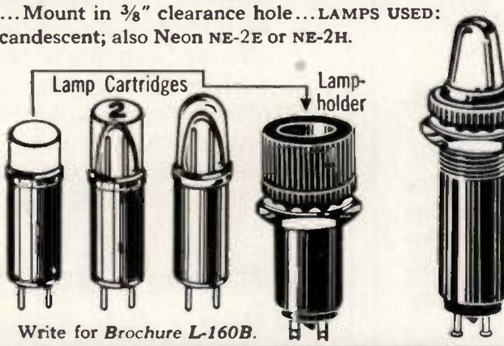

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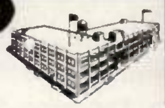

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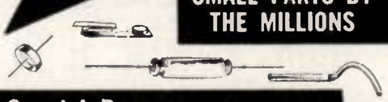

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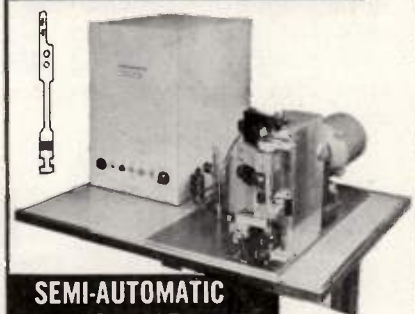

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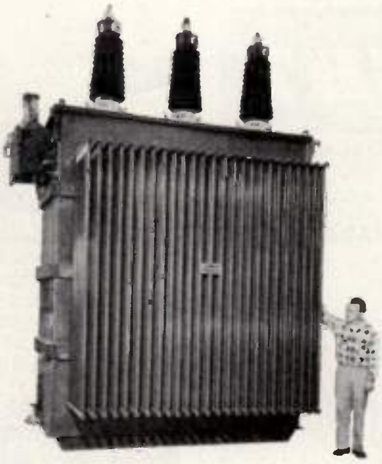

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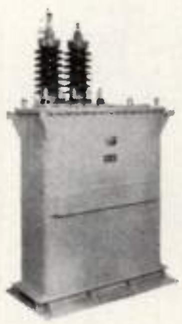

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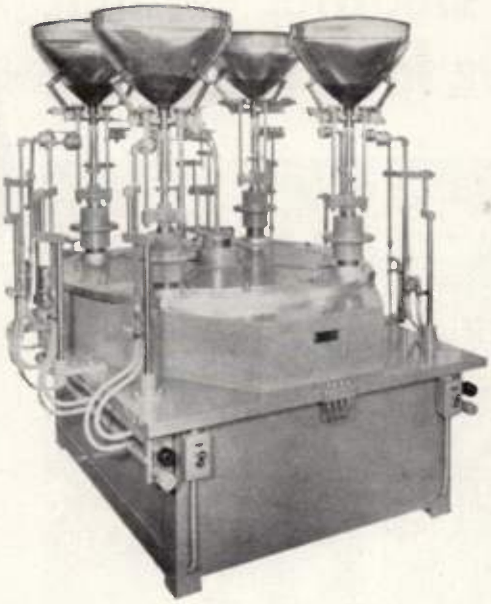

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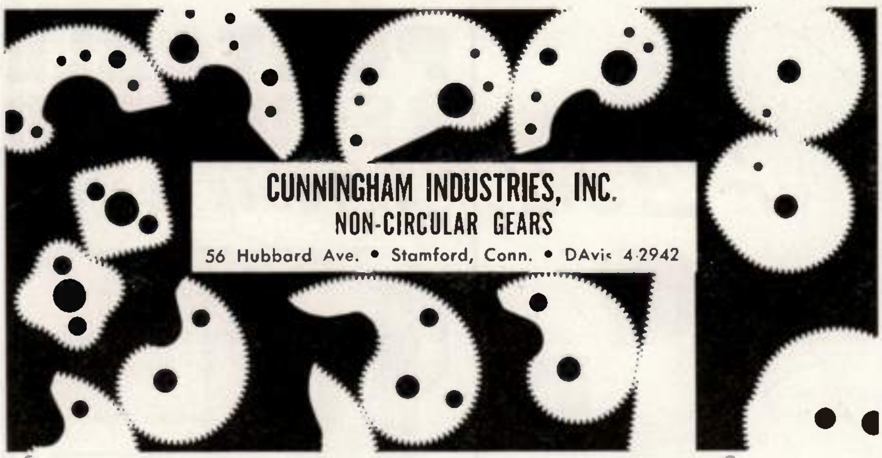

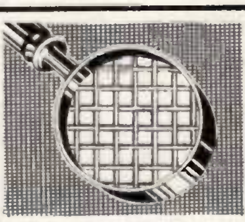

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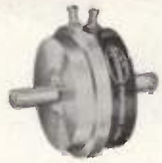

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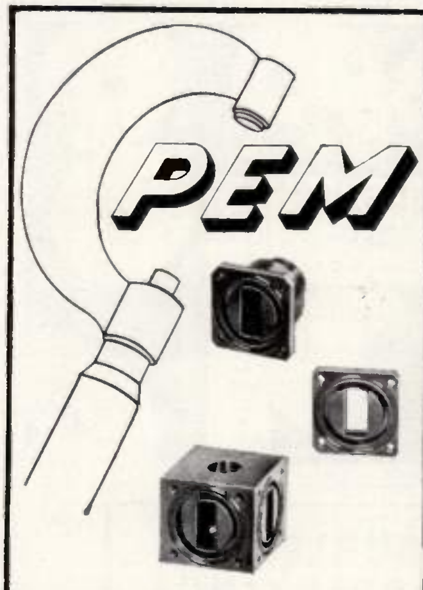

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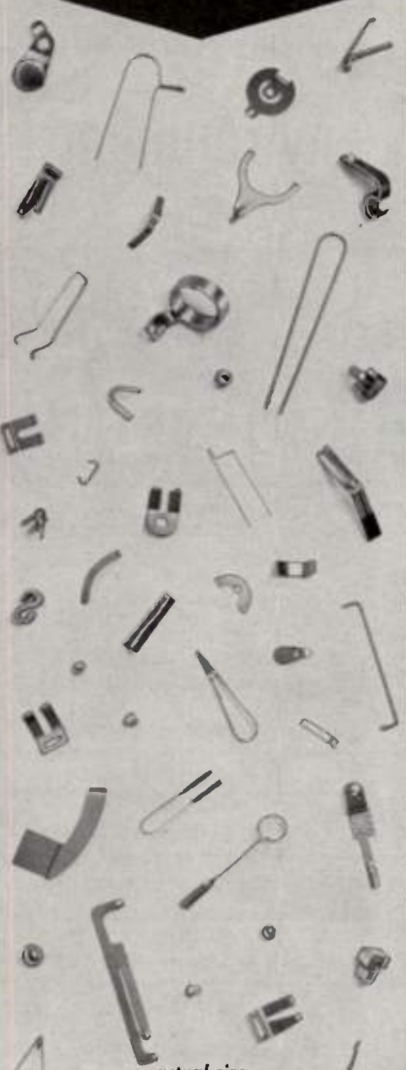

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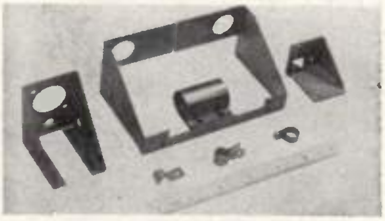

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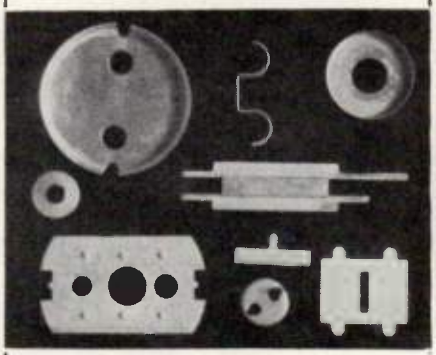

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VC25-20	25	20	30	4 1/2	2 5/8	13/16
VC50-20	50	20	45	4 1/2	2 5/8	13/16
VC75-20	75	20	45	4 1/2	2 5/8	13/16
VC100-20	100	20	45	4 1/2	2 5/8	13/16
VC250-20	250	20	65	6 1/2	2 7/8	13/16
VC500-20	500	20	120	7 1/2	3 5/16	2
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VC6-16	6	16	25	4 5/8	1 15/16	9/16
VC12-16	12	16	25	4 5/8	1 15/16	9/16
VC25-16	25	16	25	4 5/8	1 15/16	9/16
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VC100-16	100	16	45	4 5/8	2 1/4	9/16
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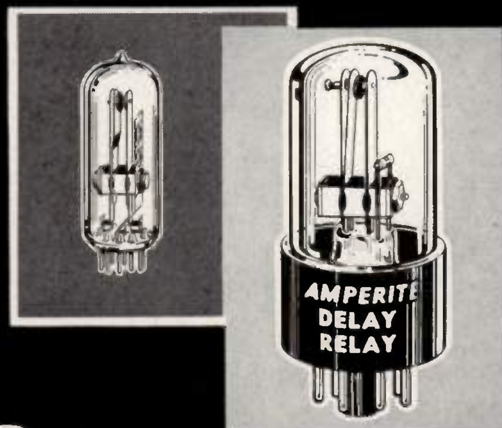

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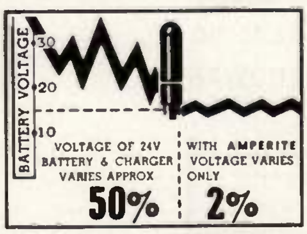

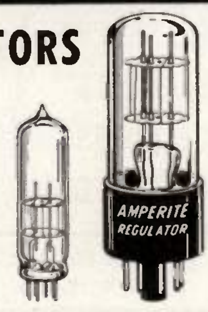

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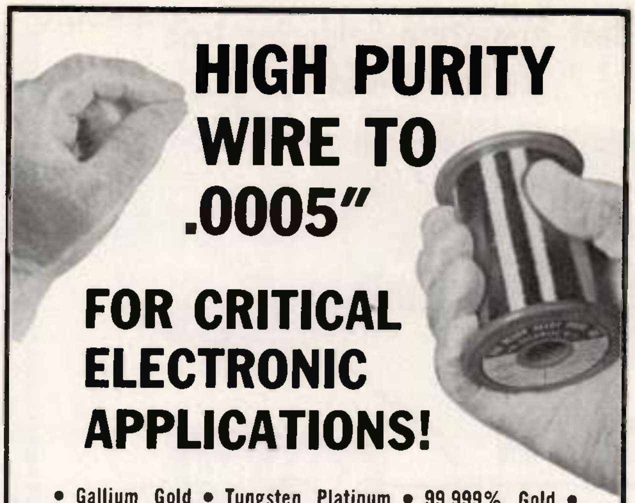

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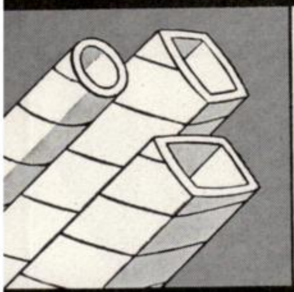

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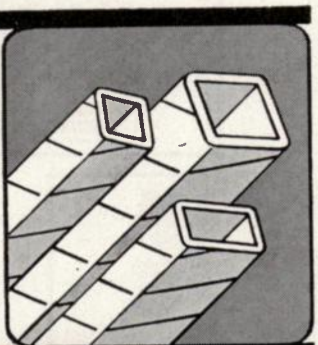

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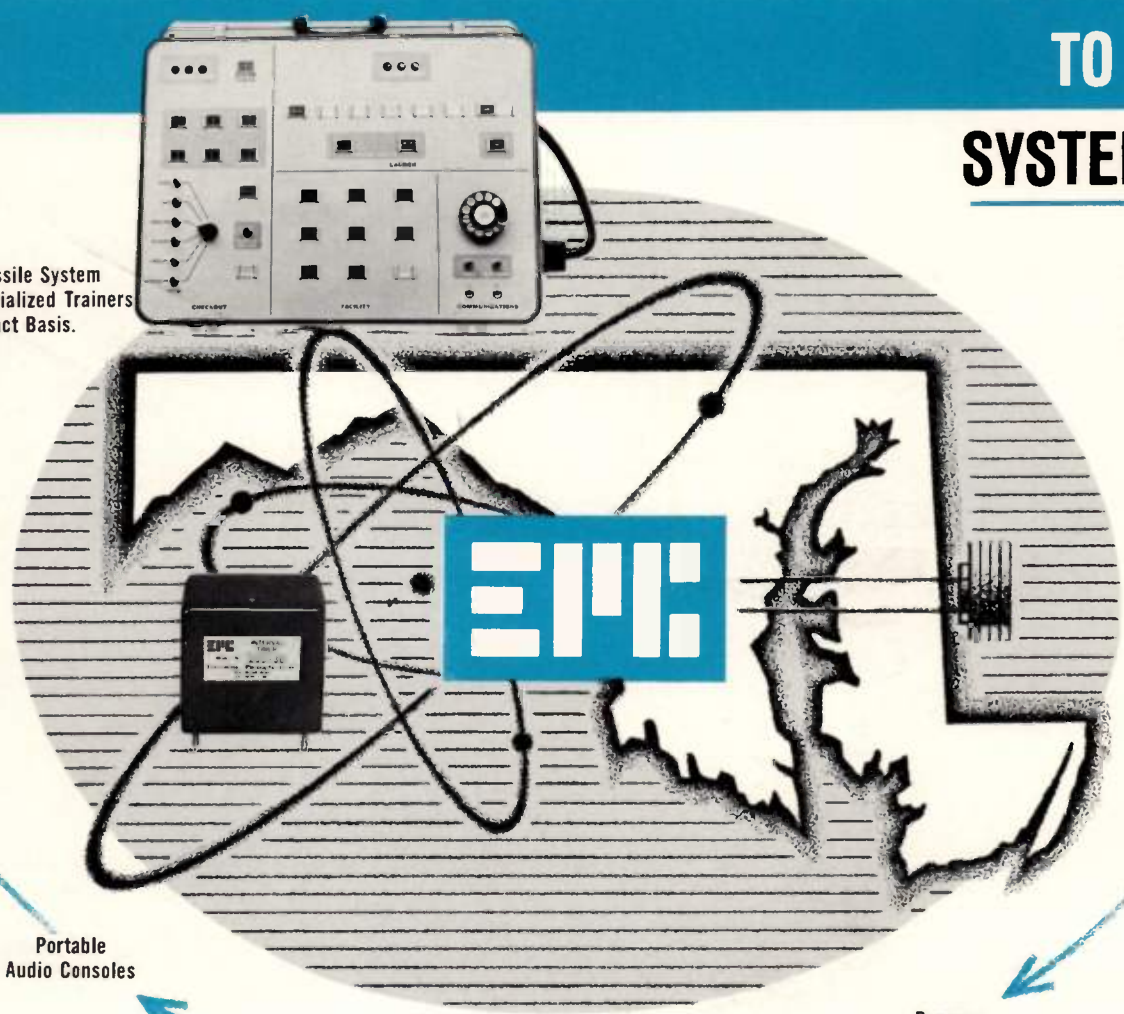

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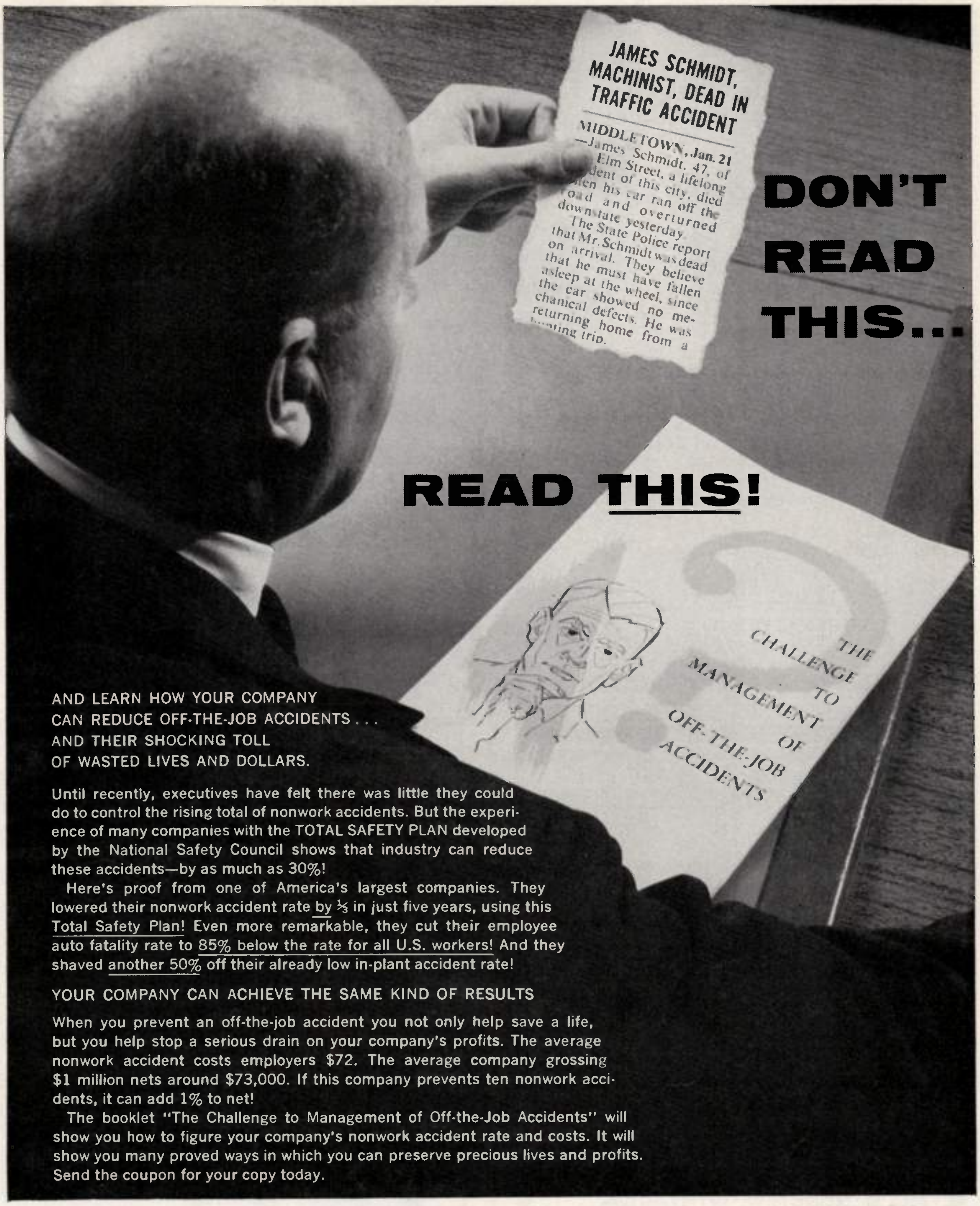

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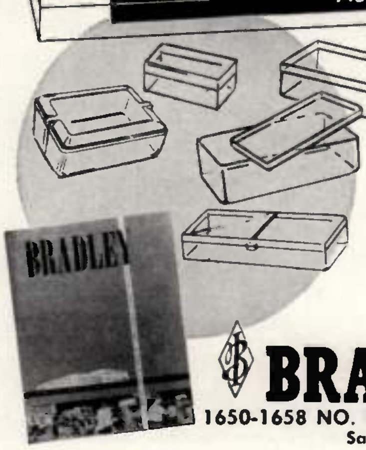

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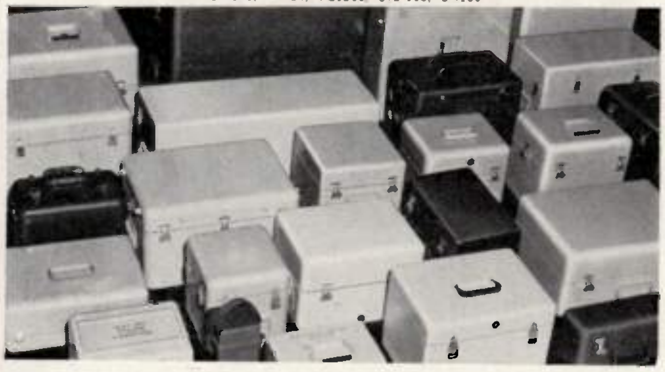

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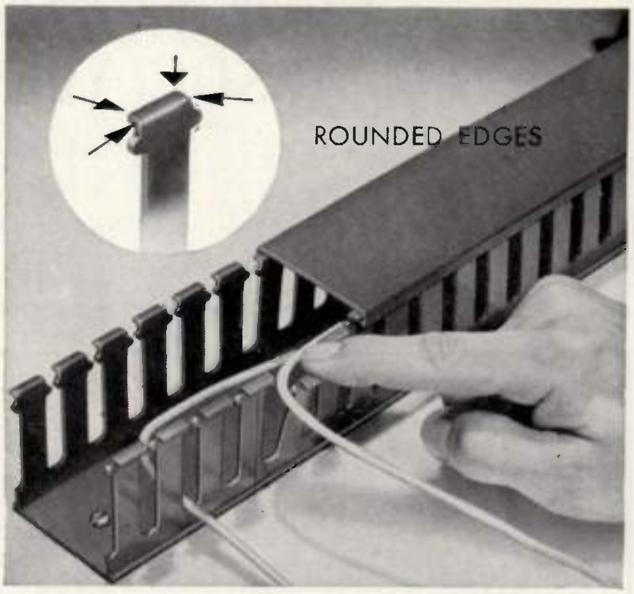

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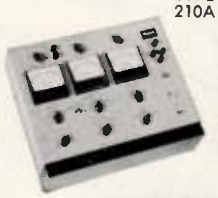

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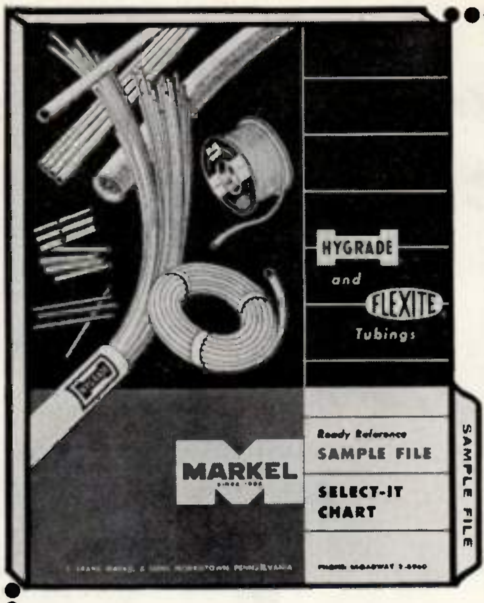

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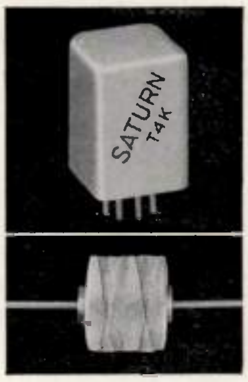

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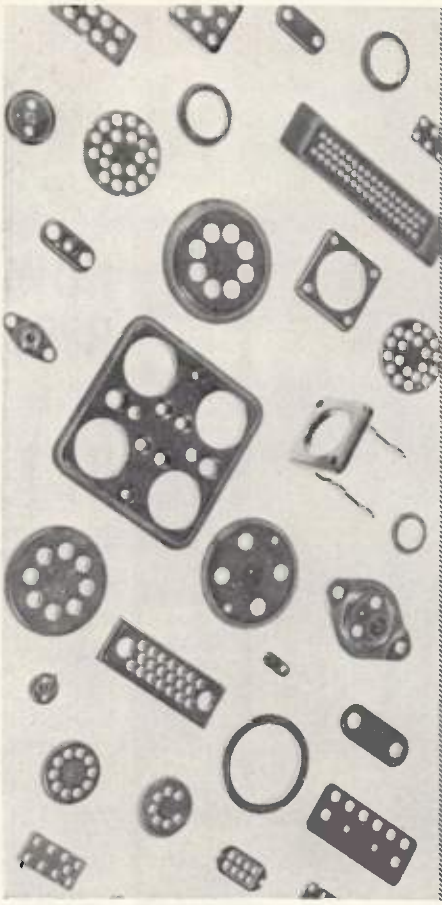

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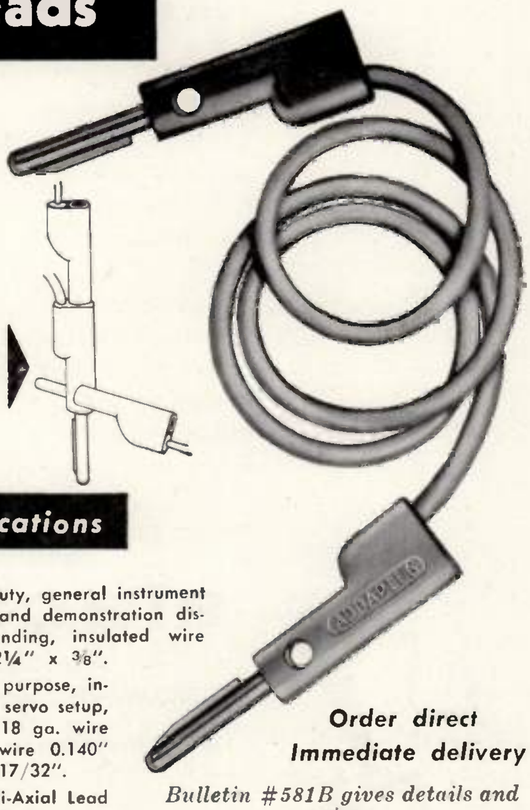

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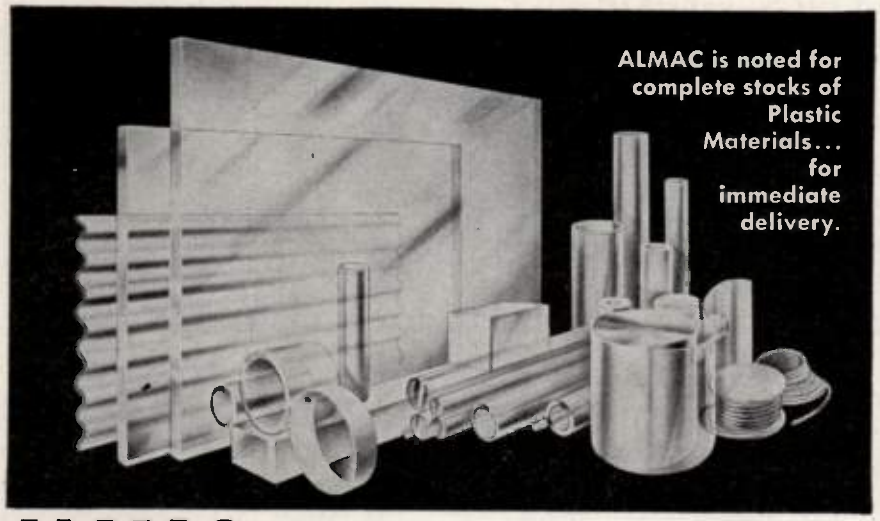

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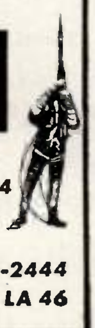

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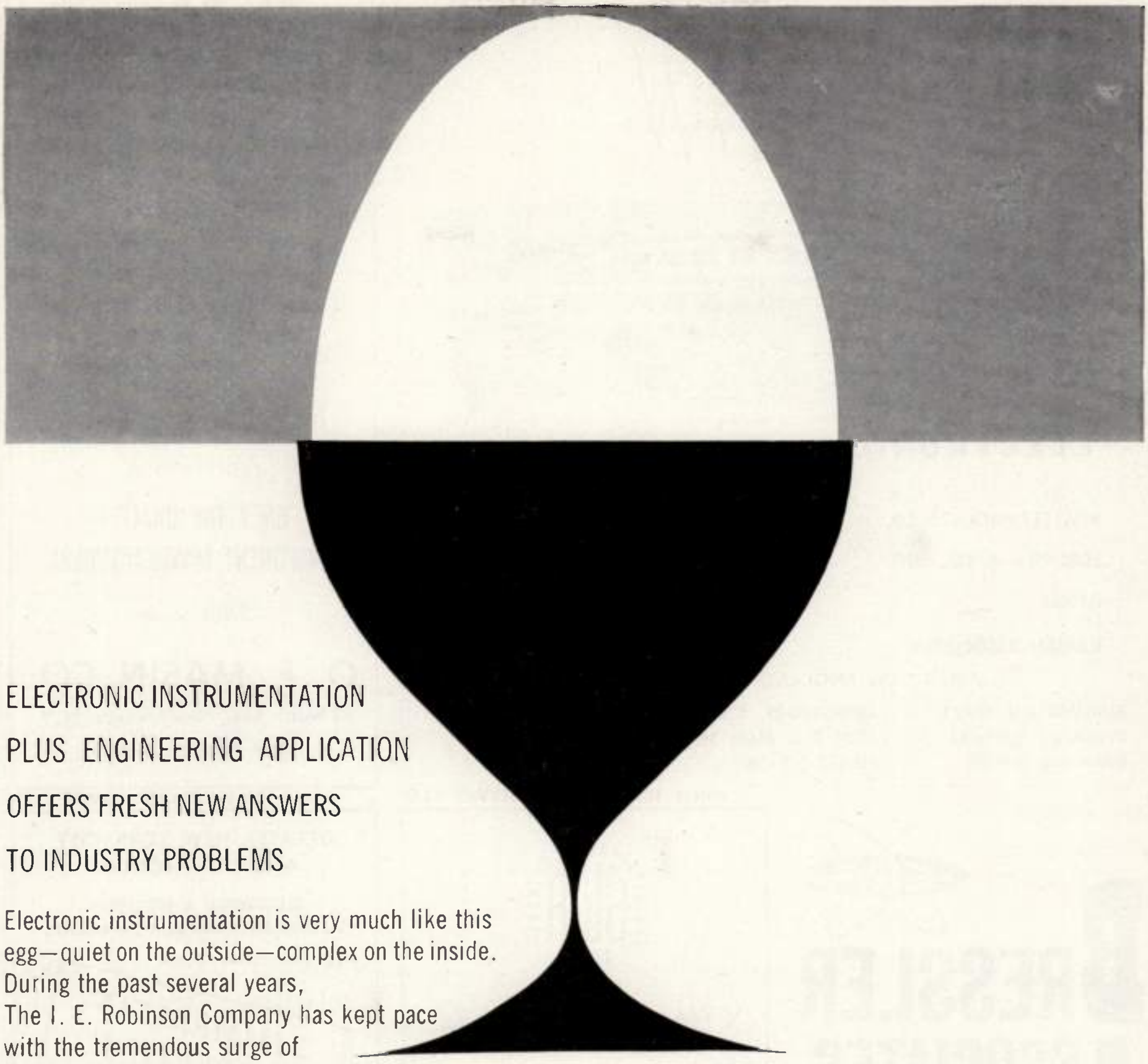

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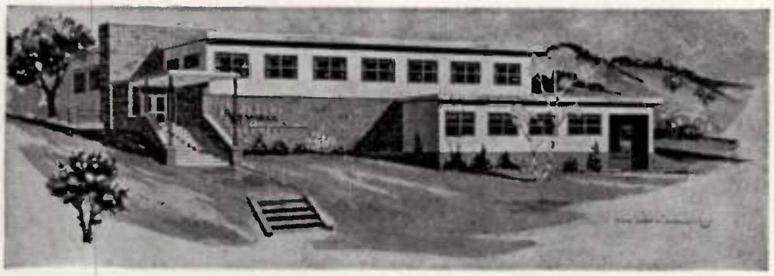

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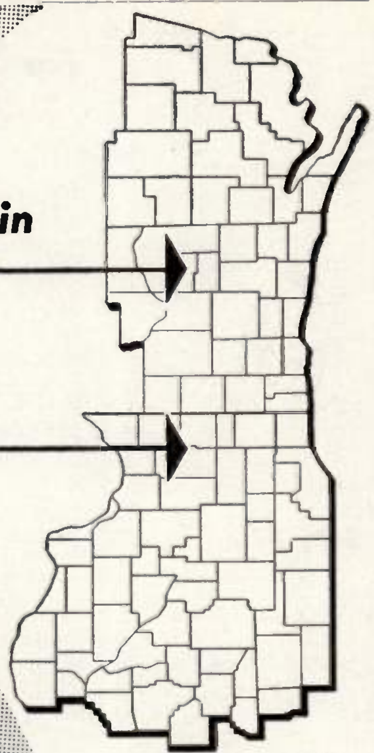

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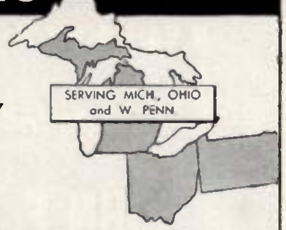

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208	233	258	283
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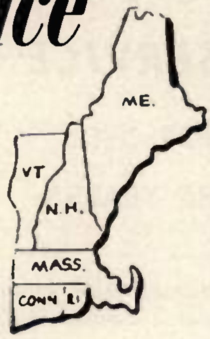

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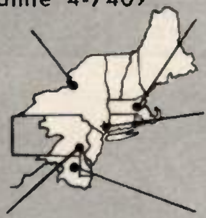

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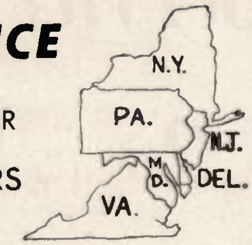

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Selling in the electronics field is highly specialized business. In most cases an engineer or a technically trained salesman, capable of discussing in detail the specifications of components and materials, or demonstrating test equipment or other finished products is behind the sale.

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Here is a list of the basic types of Manufacturers' representatives . . . . . . who serve the electronics industry:

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2. Component representatives to the original equipment market
3. Materials and manufacturers' service representatives to the original equipment market
4. Instrument representatives to the jobber market
5. Component representatives to the jobber market

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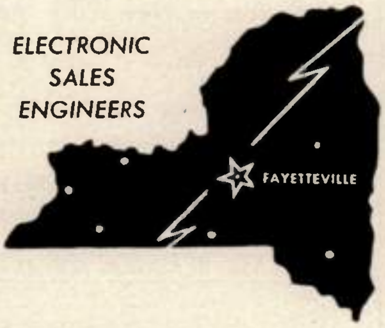

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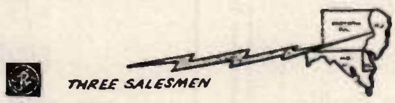

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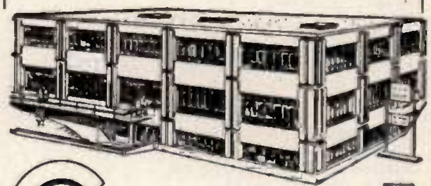

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SEARCHLIGHT ADVERTISERS INDEX

1961 electronics BUYERS' GUIDE

Classification of products normally stocked by SEARCHLIGHT advertisers in this issue.

1. Amplifiers
2. Antennas & Radiating Equipment
3. Blowers and Fans
4. Broadcast Equipment
5. Cabinets, Enclosures and Panels
6. Cable, Cords, Wire, Plugs & Jacks, Sockets
7. Capacitors
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10. Connectors
11. Control Equipment
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18. Microwave Transmission Lines & Accessories
19. Potentiometers
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32. Transistors
33. Transmitters
34. Tubes, Receiving
35. Tubes, Transmitting and Special Purpose
36. Telephones

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GROBAN SUPPLY COMPANY	600	3, 9, 13, 16, 21, 28
J S H ELECTRONICS CO.	597	32, 34, 35
JAC-LAR PRODUCTS CO., INC.	603	1, 2, 5, 6, 7, 8, 10, 11, 13, 14, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 28, 29, 30, 31, 33, 34, 35
KLEIN, LEO A.	598	6, 7, 8, 10, 11, 16, 17, 19, 24, 25, 26, 28, 29, 30, 31, 35
LECTRONIC RESEARCH LABORATORIES, INC.	602	1, 2, 6, 7, 8, 10, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 28, 29, 30, 31, 33, 34, 35
LIBERTY ELECTRONICS, INC.	591	1, 2, 5, 6, 7, 8, 10, 13, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 28, 29, 30, 31, 33, 34, 35
MARITIME INTERNATIONAL CO.	600	2, 6, 7, 16, 17, 18, 19, 20, 22, 24, 26, 28, 30, 33, 34, 35
MATERIELS & CONSTRUCTIONS, S. A.	603	8
METRO ELECTRONIC FINDERS	601	1, 2, 3, 6, 7, 11, 13, 14, 16, 17, 19, 20, 22, 24, 25, 26, 28, 29, 30, 31, 32, 34, 35
METROPOLITAN SUPPLY CO.	599	34, 35
MID-AMERICA COMPANY, INC.	598	1, 6, 7, 10, 11, 13, 16, 17, 19, 20, 24, 25, 26, 28, 29, 30, 31, 33, 34, 35
MOGULL CO., A.	590	6, 7, 10, 19, 26, 28, 29
MONMOUTH RADIO LABS.	594	7
NORMAN ELECTRONICS SALES	600	2, 8, 10, 13, 14, 16, 17, 20, 22, 30, 33
PAGE ELECTRONICS	604	34, 35
PEAK ELECTRONICS	603	7, 10, 16, 19, 24, 25, 26, 28, 35
R W ELECTRONICS	598	6, 10, 13, 14, 16, 17, 18, 22, 30, 31, 33, 34, 35
RADALAB INC.	600	1, 2, 4, 8, 11, 14, 15, 16, 17, 18, 22, 23, 24, 30, 33, 34, 35
RADIONIC PRODUCTS CO.	601	1, 2, 6, 7, 8, 10, 11, 13, 14, 15, 16, 17, 19, 20, 22, 24, 25, 26, 28, 30, 31, 33, 34, 35
RADIO RESEARCH INSTRUMENT CO.	592	1, 5, 8, 13, 16, 20, 31, 35
RAWAY BEARING CO., INC.	604	29
RED ARROW ELECTRONIC SALES CO.	596	1, 2, 5, 6, 7, 8, 10, 11, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 28, 29, 30, 31, 33, 34, 35
RUTHERFORD ELECTRONIC DIST. CO.	601	1, 6, 7, 8, 10, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 28, 29, 30, 31, 32, 33, 34, 35
SOUNDTRONICS LABS.	596	1, 11, 13, 14, 16, 19, 20, 23, 24, 25, 26, 28, 30, 31, 34
STANDARD ELECTRONICS INC.	592	2, 8, 17, 18, 23, 30, 34, 35
STARR SURPLUS SALES	604	1, 2, 6, 7, 8, 10, 11, 13, 14, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 28, 29, 30, 31, 33, 34, 35
STERN CO., H. D.	599	1, 4, 6, 7, 8, 14, 16, 17, 19, 20, 22, 23, 25, 26, 28, 30, 31, 33
SURPLUS SAVING CENTER	601	36
SYMPHONY ELECTRONICS	600	6, 7, 19, 26, 28, 29, 31
TAB	602	1, 2, 5, 6, 7, 8, 9, 11, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 28, 29, 30, 31, 33, 34, 35
TALLEN CO., INC.	594	6, 10, 15, 17, 22, 30, 33, 34, 35
TECHNICAL SYSTEMS CORP.	598	2, 8, 16, 20, 22, 29, 30, 33
TECHNIONICS, INC.	602	7, 13, 14, 16, 18, 19, 20, 22, 23, 24, 26, 28, 29, 30, 31, 32
TELECTRAD	602	1, 2, 5, 6, 7, 8, 10, 11, 12, 13, 14, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 28, 29, 30, 31, 33, 34, 35
TELEMARINE COMMUNICATIONS CO., INC.	596	1, 8, 13, 23, 31, 34
UNIVERSAL RELAY CORP.	593	24, 25
WESTERN ENGINEERS	590	34, 35
WILGREEN INDUSTRIES	595	6 10, 25, 28, 29

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OA2	.70
OA2WA	1.50
OA3	.80
OB2	.45
OB2WA	1.50
OB3	.65
OC3	.40
OD3	.25
C1A	6.00
1AD4	1.35
C1B	1.50
1B24A	8.50
1B35	1.85
1B35A	2.85
1B58	20.00
1B59/R1130B	7.50
1B63A	10.00
1C/3B22	3.00
C1K	5.00
1P21	25.00
1P22	5.00
1P25	7.00
1P29	2.00
2-01C	10.00
2AP1A	5.00
2BP1	7.50
2C36	22.50
2C39	3.00
2C39A	8.50
2C39B	18.75
2C40	6.75
2C42	3.00
2C43	7.00
2C50	3.75
2C51	1.50
2C52	1.50
2D21	.50
2D21W	.90
2E22	2.35
2E24	2.35
2E26	2.35
2E30	2.50
2J21-50	PUR
2J42	40.00
2J51	40.00
2K22	18.75
2K25	7.50
2K26	28.50
2K28	22.50
2K29	20.00
2K30	45.00
2K34	70.00
2K35	250.00
2K41	12.50
2K42	100.00
2K43	100.00
2K44	100.00
2K45	18.75
2K47	100.00
2K48	40.00
2K50	60.00
2K54	8.00
2K55	12.50
2P21	40.00
2X2A	.75
3AP1	1.50
3B23/RK-22	2.00
3B24	.35
3B24W	2.50
3B24WA	4.00
3B25	2.35
3B26	2.25
3B28	2.85
3B29	4.75
3BP1	2.00
3C/4B24	3.50
3C22	12.50
3C23	5.00
3C24/24G	3.00
3C45	3.00
3D21A	2.50
3D22	8.00
3E22	2.75
3E29	5.00
3GP1	1.50
C3J	8.00
C3J/A	9.50
3J21	30.00
3J31	40.00
3K21	100.00
3K22	100.00
3K23	250.00
3K27	125.00
3K30	45.00
3KP1	7.00
3X3000A1	148.00
4-65A	9.00
4-125A	18.85
4-250A	26.00
4-400A	28.85
4-1000A	85.00
4AP10	10.00
4B31	10.00
4B32	7.50
4C35	12.50
4D32	15.00
4E27	6.00
4J30-61	PUR
4J52	25.00
4PR60A	60.00
4X150A	13.50
4X150D	15.00
4X250B	20.00
5BP1A	9.00
5C22	10.00
5CP1A	9.00
5CP7A	9.00
5CP11A	9.00
5J26	25.00
5LP1	7.00
5R4GY	1.00
5R4WGB	5.00
5R4WGY	2.75
5RP1A	7.50
5RP11A	25.00
5SP1	25.00
5SP7	25.00
6AC7W	.30
6AG7Y	.70
6AK5W	.90
6AN5	1.75
6AR6	.70
6AS6	.80
6AS7G	2.50
6B4G	2.50
6BL6	28.85
6BM6	28.85
6BM6A	28.85
6C4W	2.00
6C21	10.00
C6J	10.00
C6J/A	15.00
6J4WA	.90
6J6W	.70
C6L	2.00
6L6GAY	.70
6L6WGA	2.00
6L6WGB	2.00
6Q5G	2.25
6SC7GTY	.90
6SJ7WGT	1.00
6SL7WGT	.70
6SN7W	.35
6SN7WGT	.70
6SN7WGTA	2.25
6V6GTY	.70
6X4W	.70
6X5WGT	.85
7AK7	1.50
7BP7A	5.00
7MP7	15.00
10KP7	12.50
12AT7WA	1.20
12AY7	1.00
12DP7	7.50
12GP7	12.50
16F	10.00
C16J	20.00
FG-17	4.50
HK-24	2.00
25T	7.50
25Z6WGT	1.25
26Z5W	1.45
FG-27A	20.00
FG-32	6.00
FG-33	15.00
35T	5.00
35TG	1.25
FG-41	50.00
FP-54	100.00
FG-57	5.00
RK-60/1641	.85
RK-61	2.25
FG-67	3.50
HY-69	2.00
RK-73	.25
BL-75	3.00
RK-75/307A	.25
FG-81A	4.00
FG-95	17.50
FG-104	25.00
FG-105	8.50
F-123A	4.00
F-128A	25.00
HF-200	10.00
203A	2.50
211	1.00
212E	25.00
231D	.90
FG-235	40.00
242C	10.00
244A	1.25
245A	2.50
249B	10.00
249C	5.00
250R	7.50
251A	40.00
252A	4.75
254A	2.00
257A	2.50
FG-258A	75.00
259A	2.50
262B	2.50
FP-265	5.00
267B	5.00
271A	9.00
272A	2.75
274A	2.00
275A	3.00
276A	4.00
283A	2.50
287A	1.85
293A	2.50
HF-300	25.00
300B	5.00
304TH	30.00
304TL	35.00
310A	2.50
311A	2.25
313C	1.00
323A	5.00
328A	2.25
336A	2.00
337A	2.25
347A	1.00
348A	2.00
349A	1.50
350A	2.50
350B	1.00
352A	6.00
354A	7.50
355A	7.50
393A	5.00
394A	2.50
395A	2.00
396A/2C51	1.50
398A/5603	3.00
401A/5590	1.00
403A/6AK5	.65
403B/5591	2.50
404A/5847	7.50
407A	2.75
408A/6028	2.75
409A/6AS6	.75
416B/6280	20.00
417A/5842	7.50
418A	7.50
420A/5755	3.75
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GL-434A	5.00
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450TL	40.00
CK-503AX	.75
CK-510AX	1.00
575A	15.00
576	12.50
577	12.50
578	5.00
KU-610	3.50
NL-623	8.50
KU-627	3.50
631-P1	4.00
673	12.50
676	25.00
677	27.50
701A	3.00
707B	.75
NL-710	10.00
714AY	10.00
715B	2.25
715C	12.00
719A	7.00
720AY-EY	15.00
721A	.25
721B	3.50
723A/B	2.50
725A	5.00
726A	2.00
726B	2.85
726C	7.50
750TL	85.00
NL-760	20.00
BL-800A	35.00
802	4.00
803	2.00
804	12.50
805	3.25
807	1.15
807W	1.25
807WA	5.00
808	.75
809	4.00
810	12.50
811	2.50
811A	3.50
813	10.00
814	2.25
815	1.00
816	1.75
828	8.50
829B	9.00
832	2.00
832A	6.50
833A	35.00
836	1.00
837	.80
838	1.00
842	5.00
845	7.00
850	12.50
866A	1.75
869B	50.00
872A	3.50
884	1.10
885	.65
913	7.50
918	.65
920	2.00
927	1.00
931A	2.75
959	.50
1000T	80.00
CK-1006	2.00
1237	2.00
1500T	125.00
1614	2.75
1616	.50
1619	.20
1620	3.35
1624	.75
1625	.35
1846	50.00
2050	1.25
2050W	1.50
5545	10.00
5550	30.00
5586	100.00
5641	1.50
5642	1.75
5643	2.75
5644	2.00
5647	3.00
5651	.70
5654/6AK5W	1.00
5654/6AK5W/6096	1.25
5656	2.35
5663	.75
5670	.95
5675	8.50
5678	1.15
5686	1.75
5687	1.40
5691	4.50
5692	2.00
5693	3.25
5696	.75
5702	1.40
5703	.85
5718	.55
5719	.55
5721	125.00
5725/6AS6W	.90
5726/6AL5W	.50
5727/2D21W	.90
5749/6BA6W	.70
5750/6BE6W	1.35
5751/12AX7W	1.35
5751WA	1.50
5763	1.50
5768	35.00
5777	125.00
5778	100.00
5783	1.75
5787	1.75
5796	10.00
5799/VX-21	2.50
5800/VX-41	5.00
5801/VX-33A	2.00
5802/VX-32B	2.25
5803/VX-55	2.00
5814A	1.25
5822A	50.00
5828	2.50
5829	.70
5836	60.00
5837	60.00
5839	2.50
5840	1.35
5841	3.25
5842/417A	7.50
5844	.55
5845	4.00
5852	2.00
5854	.75
5879	1.00
5881/6L6WGB	2.00
5886	2.50
5896	.75
5902	2.25
5915	.75
5930/2A3W	2.00
5932/6L6WGA	2.00
5933/807W	1.25
5933WA	5.00
5948/1754	75.00
5949/1907	50.00
5956/E36A	9.00
5962/BS101	2.50
5963	1.00
5964	.70
5965	.85
5977/6K4A	1.00
5979/BS1	3.50
5980/BS2	5.00
5987	7.50
5992	1.75
5993	3.75
6005/6AQ5W	.90
6012	3.50
6021A	1.75
6032	8.50
6037/QK-243	15.00
6044	3.00
6045	1.00
6050	.90
6072	1.25
6073	.75
6074	1.50
6080	2.50
6080WA	4.00
6080WB	10.00
6082	2.50
6087/5Y3WGTB	2.85
6098	1.50
6099	.70
6100/6C4WA	1.00
6101/6J6WA	.85
6108/BS213	2.25
6109/BS404	1.00
6111A	1.75
6112	1.50
6115/QK-351	35.00
6130/3C45	4.00
6136/6AU6WA	1.10
6137/6SK7WA	1.25
6146	3.00
6147	2.25
6161	50.00
6186/6AG5WA	1.35
6189/12AU7WA	1.35
6197	1.50
6198	85.00
6201/12AT7WA	1.50
6202/6X4WA	1.50
6211	.65
6216	2.35
6236	150.00
6252	15.00
6263	8.50
6264	7.50
6265/6BH6W	2.75
6282/BL-11	65.00
6293	4.50
6299	35.00
6322/BL-25	10.00
6336	9.00
6345	3.25
6350	1.50
6352	8.50
6364	150.00
6390	150.00
6438	4.00
6463	.90
6485	1.95
6517/QK358	200.00
6533	5.00
6550	3.50
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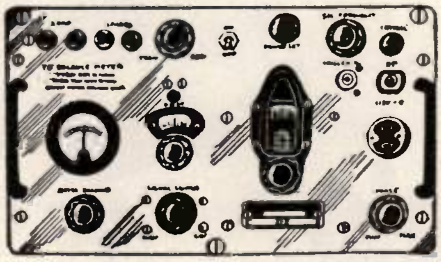
2J32-34	17.50	3J21	50.00
2J36	17.50	3J31	60.00
2J37/39	22.50	4J31/39	135.00
2J42	90.00	4J52	45.00
2J48/50	25.00	4J57-9	135.00
2J51	99.00	4J60-62	135.00
2J51A	150.00	QK59-62	27.50
2J55	145.00	and others	

STANDARD LABORATORY RECEIVERS

APR4	$195.00	APT5	$180.00
APR4 (w/5 tuning units)	895.00	APS4	228.00
APR5	180.00	APS10	695.00
APR5A	180.00	APS23 (trans)	195.00
APR10	180.00	APS32 K band radar	875.00
APT2	75.00	APS31 PARTS	

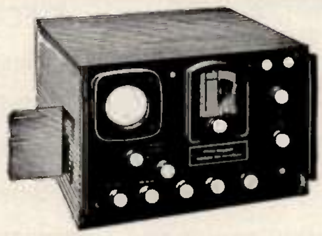


New . $1,295
Used . 795

NEW TS-147 X TEST SET Hard-to-get X-band SIGNAL GENERATOR Now Available

Test Set TS 147 UP is a portable Microwave Signal generator designed for testing and adjusting beacon equipment and radar systems which operate within the frequency range of 8500 MC to 9600 MC.

AN/URM-64 SIGNAL GENERATOR
Portable, self-contained, directly calibrated generator of continuous wave or pulse modulated RF signal. Range 900-2100 mc. $895

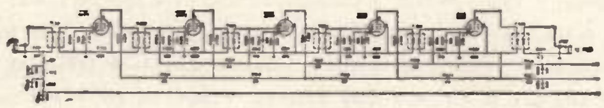


New . $1,295
Used . . . 895
• BOTH COMPLETE •

NEW MICROWAVE TEST EQUIPMENT TS148/UP SPECTRUM ANALYZER

Field type X Band Spectrum Analyzer, Band 8430-9580 Megacycles.

Will Check Frequency and Operation of various X Band equipment such as Radar Magnetrons, Klystrons, TR Boxes. It will also measure pulse width, c-w spectrum width and Q or resonant cavities. Will also check frequency of signal generators in the X band. Can also be used as frequency modulated Signal Generator etc. Available new complete with all accessories, in carrying case.



SPECIAL

60 mc I.F. Strip 10 mc wide complete with 5 tubes $24.00

Minimum Order, $25.00

Phone: WAlker 5-6000

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582 BROADWAY
NEW YORK 12, N. Y.
Cables: TELSERSUP

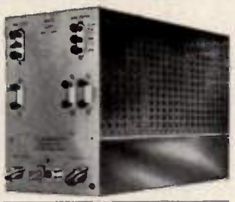
CIRCLE 206 ON READER SERVICE CARD

BUDGET-STRETCHERS FOR LAB & SHOP . . . NEW OR GUARANTEED OK

MEASUREMENTS CORP. Pulse Generator

MEAS. CORP. MOD. 79-B Pulse Generator. 60-100,-000 cy + pulses ½-40 usecs wd, and + sync pulses delayed ½ period. Can pulse modulate an external RF source and can be synched by an external sine source. This is the model preceding the current catalog model which sells for $495.00. Brand new in original packing, with instruction book, 40 lbs fob Harrisburg, Pa. **$97.50**

TUNING-FORK LOW-FREQUENCY STANDARDS



400-A: 400 cy ±.001% Am. Time Prod. fork module supplied by regulated pwr sply and amplified by 6V6. Output at various imped.'s thru amplitude control. Unit also provides filtered DC and heater AC handy for powering other equipment. All controls & outputs on front panel. 6"x9"x14" dp. New, w/schematic. 24 lbs fob Los Ang. **$79.50**

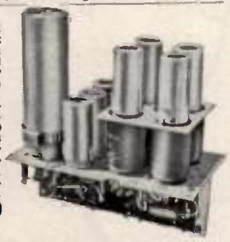
400 cy osc. module from above, includes the $125.00 fork! Need 150 vdc & 6.3 vac Unused, guaranteed, w/schem. 2 lbs fob Los Angeles **$37.50**

Same but module partly cannibalized. Fork, guartd; 2 lbs fob Los Angeles........ **$9.95**

Varo 622B, 400 cy ±0.1%. Complete osc. in H.S. case; needs 28 vdc, 1.2A. New, with schem., guartd; 2 lbs fob Los Angeles..... **$27.50**

Philamon Labs 400 cy osc. complete, ±.05%. Needs 28 vdc, 180 ma. New, guaranteed, with schematic. 2 lbs fob Los Angeles........ **$29.50**

Same as above except 500 cy ±.05%. New, guartd; w/schem. 2 lbs fob Los Ang...... **$29.50**



1000, 500, 250, 125, & 62½ cy ± .02% 7" x 4", 1 kc plug-in fork #2003, 7 12AT7's, and 4 Walkirt plug-in binary flip-flop count-downs, each usable from 25 kc to 0. NEW. Tested and guaranteed, ready to use. Requires external 250-230 v.d.c., 35 ma., & 6.3 v.a.c., 2.1 a, both handy at front panel of the #400-A described above. With schematic and circuit information. Shpg. wt 4 lbs FOB Los Angeles **$79.50**

1, 2, & 6-PEN RECORDING OSCILLOGRAPHS

G.E. 1-pen, ink, 0-500 microamp dc. $250.00
G.E. 1-pen, ink, 0-150/300 v ac or same, dc. .$ 99.50
G.E. 1-pen, ink, 0-5 amps ac..............$ 99.50
G.E. 1-pen, ink, 115 v, 60 cy freq. record....$ 99.50
West. 1-pen, ink, 0-2½ amps ac.............$ 99.50
West. 1-pen, ink, 0-10 amps ac.............$ 99.50
Est.-Angus 1-pen, ink, 0-1 ma dc..........$250.00
Est.-Angus 1-pen, ink, 0-5 ma dc...........$175.00
Est.-Angus 1-pen, ink. 0-150 v ac.........$125.00
Est.-Angus 1-pen, ink, polyphase watts.....$250.00
Brush 2-pen, ink, magnetic penmotors.......$295.00
Brush ditto ink or electric w/pwr supply......$325.00
Brush 2-pen, ink, piezo-electric penmotors, with 2 matching amplifiers, set..........$275.00
Brush 6-pen, magnetic penmotors...........$750.00
DC Amplifiers: Brush BL-932 or G-R #715AM.$ 97.50
Brush BL-905, ½-100 cy..................$ 79.50
Brown 1-pen, ink, 5-0-5 mv, circular, 20 sec fs.$199.50

MISCELLANEOUS BUDGET STRETCHERS

Autom. tube charact. plotter puts all parameters of rcvg tubes on test scope. 2-wing console made by NOL for $85,000. At Silver Spring, Md......$995.00
AN/FRT-1 new, export boxed is 4 xmtrs, dual mod., & pwr sply 220 V 1 ph 50/60 cy. Xmt any 1 or 2 xmtrs simultaneously, each 2-18 mc MO or xtl, A1, 2, 3, 9, each emits 400 W RF......................$1995.00
TDZ xmtr, 225-400 mc, new..................$395.00
AN/APR-4 rcvr less tuning units..............$69.50
TN-16, 17, 18/APR-4, 38-1000 mc, set of 3...$85.00
TN-19/APR-4, 1000-2200 mc..................$59.50
TS/47APR test oscillator 40-500 mc, harmonics to 3000 mc, CW, AM or pulsed. 0-387,000 uV...$79.50
SCR-522-A rcvr, xmtr, rack & case. 100-156 mc AM. Clean, wall tubes including 2-832A's, as removed from aircraft, uncertified, as—is but only......$16.95
Same except C model, electronic squelch......$19.95
Set of technical sheets for either above........$3.00
Rcvr R-45/ARR-7 & 120/230 V, 50/60 cy pwr sply, 0.55-43 mc A1, 2, 3. New, fob San Antonio..$179.50
Rcvr QX-535, 190-550 kc A1, 2, 3, has built-in spkr, AC pwr sply; use also as double converter for above or any other rcvr with 455-465 kc I.F........$37.50
Navy RBS rcvr 2-20 mc A1, 2, 3 w/pwr sply...$97.50
LP uVolter sig. gen. .095-50 mc...............$179.50
G.R./Fed. #804 or Navy LX uVolter 7½-330 mc.$179.50
Meas. Corp. Mod. 80 uVolter 2-400 mc......$349.50
Meas. Corp. Mod 84 uVolter 300-1000 mc....$249.50
#60007 C/R Leakage/Ins. Resist. Turns Ratio analyzer, AC Bridge, made by Clough-Brengle..........$37.50
DC Wheatstone res. bridge±0.1% w/galvanom.$109.00
TS-34/AP Test scope, w/cords & case.........$49.50
OS-4B/USM-25 S-A-R test scope.............$199.50
DuMont #256B S-A-R test scope.............$199.50
DuMont #294-A very-wide-band test scope.....$199.50
Lavoie #239-A very-wide-band test scope.....$199.50
Meas. Cor. Mod. 31 intermod. analyzer........$99.50
John Fluke V-A-W meter, AC, less shunts....$129.50
G-R #620-A het. freq. meter 0.3-300 mc......$99.50

These listings are not our complete stock. Also, we are always buying desirable material. So please do NOT circle Reader Service Card. Instead, if you need more information, ask us about specific items of interest, and about items you need which are not shown here. Thanks.

0.1% SORENSEN Line Voltage Regulator

#5000S, Brand new at low surplus price! Input 95-130 V. 1 ph., with taps for 50 or 60 cy. Use for any power up to 5000 watts. Output adjustable 110-120 V and holds to ±0.1% at line frequency, or to ±0.25% if line frequency drifts 5%. Regulates against line changes of 95-130V and against load changes from 0 to 5 KVA, Maximum harmonics less than 3%! Recovery time 0.15 seconds. Input to the control section can be moved to the point where you will use the power, thus compensating for line drop. In rack cabinet 28" h, 22" wd, 15" dp. Net wt 190 lbs. Shpg wt 285 lbs FOB Utica, NY. In original factory pack suitable for export, including SPARE PARTS group. Sorensen catalog net price is $695.00 less spares. Our price, WITH SPARES.... **$349.50**

Sorensen #10,000S. Same as above except 0-10 kva. Used, overhauled by Sorensen to factory specs, fob Norwalk, Conn......... **$595.00**

Sorensen #3000S, same except 0-3 kva, used, overhauled by Sorensen, fob Los Angeles.. **$249.50**

Sorensen #1000-25. Same except 190-260 V, 1 ph, 50/60 cy to 230 V ±0.1%, 0-1 kva. Barely used; grtd 100%. FOB Los Ang... **$179.50**

Gen. Radio #1570-AL, 1 ph, 60 cy. Output adjustable 103-126 V, holds to ¼% for inputs 103-126 V or to ½% for inputs 92-138 V, at any load up to 50 amps. Like new, 100% grtd, fob Los Angeles............ **$265.00**

Superior 5620 Powerstat in W.E. rack drawer maintains 117 V ±1% at loads 0-2½ kva for inputs 105-125 V, 50/60 cy 1 ph. Metered FOB Los Angeles, used, overhauled........ **$97.50**

Superior Stabiline SVR4101H, 0-1.2 kva, 120 V, ±1% 1 ph, 50/60 cy for inputs 95-130 V. Metered. FOB Los Angeles.................. **$97.50**

Superior Stabiline S-416, 0-9 kva, 3 ph, 50/60 cy. 175-225 V to 208 V ±1%. Cabinet model. New, fob N.Y. City **$395.00**

Superior Stabiline EMT6210Y, same as above except 10 kva and 195-255 V in to 230 V out. New fob N.Y. City.................. **$495.00**

Sola 500 va: 95-125 v, 60 cy, 1 ph to 115 v, ±1%, exe. used grtd 100% OK, fob Los Angeles.................. **$49.50**

Sola 1 kva, specs and condition same as above, fob Wash. DC.................. **$69.50**

Sola 1 kva as above but new, fob Pensacola, Fla.................. **$79.50**

Sola 2 kva, specs & used cond same as above, fob Wash. DC or Sunol, Calif....... **$89.50**

Sola 2 kva, 95-125 or 190-250 v, 1 ph, 50 or 60 cy, to 115 V ±1%, new, fob Harrisburg, Pa.................. **$99.50**

130 DC AMPS at LESS THAN $1.00/AMP

G.E. DC pwr sply in cabinet, metered, w/coarse & fine vernier tap-sw. controls. In: 230 V 35 A 3 ph 60 cy. Out: Cont. 15/30 V, 130/65 A. OK for 10 interm./hr, 120 sec each, of 600/300 A. New, 550 lbs fob Topeka..... **$129.50**

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*1.25	27.5KV	24.50	3	20KV	125.00
.25	32.5KV	44.50	4	10KV	67.50
.25	50KV	69.50	5	10KV	69.50
.25	80KV	119.50	9	10KV	115.00
1	10KV	22.50	10	5000V	35.00
1	25KV	59.00	15	5000V	42.50
			† 100	4000V	49.50
			120	5000V	49.50

* Case Common.
† Photo Flash.

Write for complete listing of capacitors of all types, plus other electronic components.

MONMOUTH RADIO LABS.

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If it's a CONNECTOR . . .
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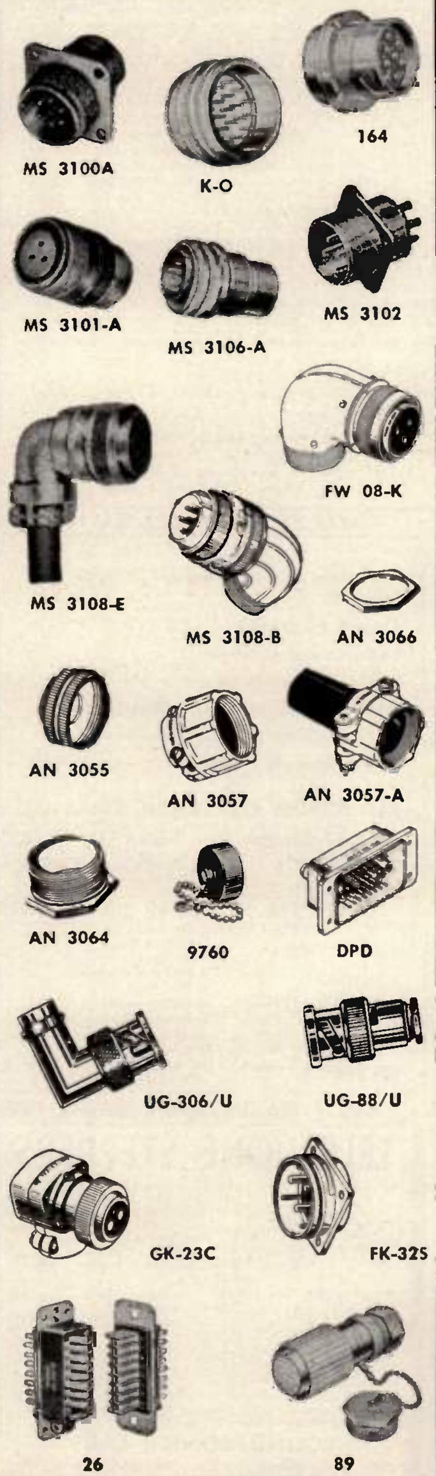

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We stock more than 5,000,000 MS/AN CONNECTORS . . . of 50,000 variations!

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BIGGEST & BEST in Surplus Communications Eqpt.!

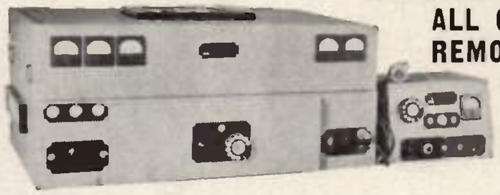
MILITARY WALKY-TALKIES AM & FM TYPES

Above Illustrated Walkie-Talkies are just a few of the many types we have in stock, in large quantities. Unit shown on left is the NAVY Model MAB, 1-Channel crystal controlled Transmitter & (Superhet) Receiver, AM, Freq. Range 2.3MC to 4.5 MC, operating from dry battery Pack or Miniature Storage Battery and Vibrator Pack. Center illustration shows the Navy Model DAV-2, which is similar to the MAB but includes a Loop for Homing or Direction Finding, and the housing is a watertight plywood case instead of plastic. Right end illustration is the AN/PRC-6 FM Walky-Talky, single-channel preset to any one frequency in the range of 47 to 55.4 MC. Write for more complete technical data and prices. Also in stock, SCR-536 (BC-611), SCR-300, PRC-8, 9 and 10.

PRESS WIRELESS 40 KW RADIO TRANSMITTER STATION!

New, Unused, High Power complete Transmitter Station for long range, point-to-point, CW and Radioteletype. Also, Power Amplifier Section can be used as 15 KW (output) Linear Amplifier to increase power of Single Side-Band Transmitters of 2 to 2½ KW output with similar frequency range. The PW-40B covers 5.3 to 21.0 MC, is preset for one frequency in this range (MO or crystal-controlled), but crystal oscillator oven will hold up to 6 different crystals. This station consists of: RF Exciter, RF Power Amplifier, High-Voltage Rectifier (240V, 3 phase AC), and Water Cooling Unit. Complete station when set up measures approximately 18 ft. long x 7 ft. high x 5 ft. deep. Available complete with spare parts. **WRITE FOR LITERATURE AND PRICES.**

RC-263 TRANSMITTING EQPT. 50/75 W. OUTPUT, 1.5-10.0 MC, 4-CHANNELS CRYSTAL OR VFO CONTROL, AUTOMATIC DIAL CONTROLS ALL OPERATIONS, FULL REMOTE CONTROL, 100-260 V., 25 to 60 C. AC OPERATION, ETC.



Radio Transmitting Equipment RC-263 consists of Radio Transmitter BC-1100-A, Remote Control Unit RM-40-A, and Microphone T-27-Q. Radio Transmitter BC1100-A is a four-channel crystal—or master-oscillator controlled, 75-watt radio telegraph or 50-watt radio telephone transmitter (conservative ratings). It operates in the frequency range from 1,500 kc to 10,000 kc and is suitable for remote control over two pairs of telephone lines. The radiated radio telephone signals are amplitude modulated. Remote Control Unit RM-40-A consists of a microphone amplifier, line level indicating meter, microphone supply rectifier and switching circuits, and pulse dial to control relays in Radio Transmitter BC-1100-A and performs all necessary functions, such as channel selection. Power-on or off, cw or phone, etc.

The frequency range covered by each of the four individual channels is from 1,500 to 10,000 kc. Any one of the four channels can be tuned to any frequency within these limits.

Radio Transmitting Equipment RC-263 is designed to operate on 100 to 260 volts alternating current, 25 to 60 cycles, single phase. Transmitter dimensions are: 18" H. x 40½" W. x 30¼" D. The Remote Control Unit measures: 10" H. x 14" W. x 13½" D. ALL EQPT. IS NEW-UNUSED and in original export packing. Available Complete with tubes, microphone, Instruction Book, and case of full spares which includes meters, relays, tubes, resistors, capacitors, additional microphone, etc. **WRITE FOR PRICE & DESCRIPTIVE LITERATURE.**

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SCR-300 (BC-1000) Walkie-Talkies; SCR-536 (BC-611) Handy-Talkies. SPARE PARTS for both eqpts.

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Large quantity new-unused BC 611D chassis, less tubes, crystals, or plug-in coils, but with telescopic antenna.

Large inventory of 508 & 608 eqpt's., BC-797, SCR-511, BC-447, BC-221 Frequency Meters, TS-173 Freq. Meter, TS-175 Freq. Meter, Ship and Fixed Installation Transmitters, TWT-PB-50A Portable 50 W. Broadcast Stations, etc.

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1/1000 HP to 20 HP all Cycles & Voltages —1 RPM to 10,000 RPM

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As Shown **$3.95**

With Arbor, ¼" Chuck, Base & Foot Rheostat......... **$8.95**

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1/15th Hp Russel Motor with ½" Shaft—110 V AC..... **$9.50**
60 cycle—1750 RPM capacitor ....
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12V DC Motor
1/12th Hp—6800 RPM........ **$4.95**

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All Types & Sizes

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ALL TYPES & SIZES
From 5 to 15,000 lbs and From 1½ to 12 inch Diameter

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ALL TYPES & SIZES

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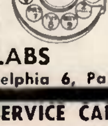
STANDARD 10 HOLE Telephone Dial. Has extra make and break contacts $1.98 ea.
Add 25¢ for ea. item for postage anywhere in U.S.A.



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FREE Giant Catalog listing 1000 more electronic items and gadgets.

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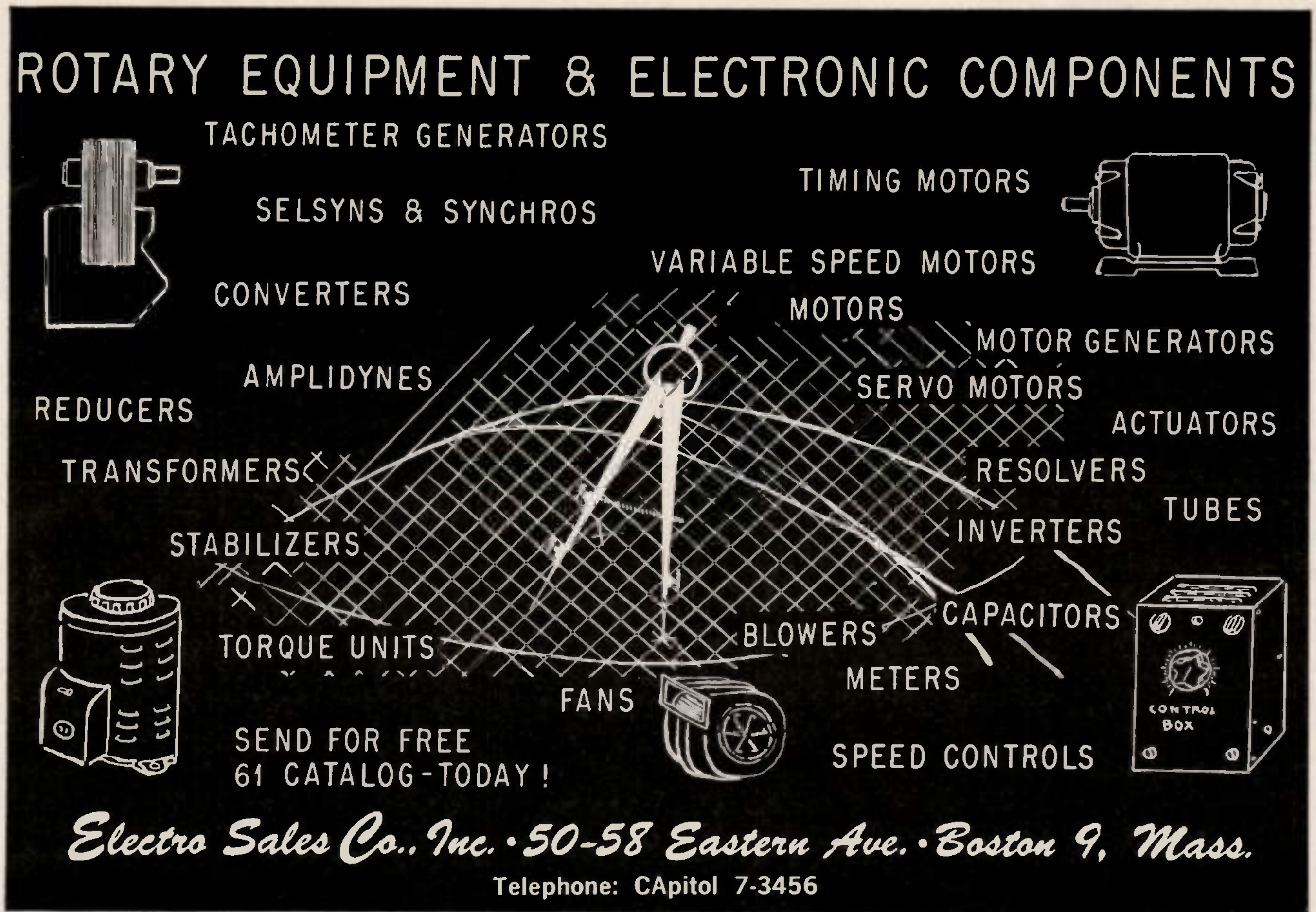

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BT-4 Half track record 8.00
BT-6 Half track playback 6.00
BB-3 Stereo record (stacked) 12.00
BB-5 Stereo playback (stacked) 10.00
Cinemascope 35MM playback 30.00
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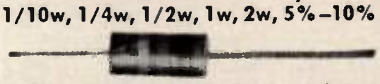

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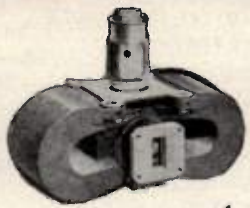

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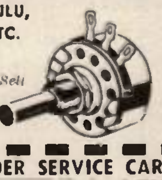

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BUYERS' GUIDE 1961-62

Reference Section

EDITORIAL INDEX AND ABSTRACTS

For the first time, articles published in weekly issues of **electronics** are indexed and abstracted in the BUYERS' GUIDE . . . for handy, year-long reference. The cumulative index includes articles published from July, 1960, to June, 1961. Entries marked by an asterisk indicate feature articles published this year which are abstracted

MARKET DATA

Charts, tables and maps tell at a glance where the customers are and how sales are faring in military, industrial, components, consumer and foreign markets

PROCUREMENT GUIDE

All the military and government agencies that buy electronic equipment and services, with phone numbers, addresses, procurement officers and selling aides, and *what they buy*

SPECIFICATIONS AND SERVICES

Cross-indices of preferred tubes and transistors; expanded dictionary of electronic symbols; calibrations, standard frequency broadcasts and other services of the National Bureau of Standards; materials information centers; organizations and societies that issue standards or otherwise serve the electronics industry and allied industrial and scientific fields

GEOMETRIC CIRCUIT ANALYSIS

An original article explaining in detail how complex circuits can be rapidly analyzed or synthesized by simple geometry

PUSH OUT AND FOLD

DETAILED INDEX

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electronics Editorial Index and Abstracts R65

Distribution of Electronics Industry by Number of Establishments

This map shows the relative number of establishments producing electronic components and equipment in each state and region. It is based on the recently issued Census of Manufactures (Bureau of the Census) statistics for 1958, in the following Standard Industrial Classifications: 3651, 3661, 3662, 3671, 3672, 3673, 3679, 3611, 3622 and 3629. These classifications have a total of some 3,500 establishments. Data for 3571 (Computing and Related Machines) are not included because a high proportion of products in this class are not electronic. SIC definitions are given in tables on the following pages which report other Census of Manufactures statistics.

The Electronics Market

Summary of Market Forecasts

Market	1960	1961	1965	1970
		Billions of Dollars		
Military & Space	$5.2	$5.9	$7.8	$10.0
Industrial	1.8	2.2	3.3	4.75
Consumer	2.2	2.2	2.5	4.55
Replacement Comp.	1.0	1.1	1.4	1.7
Total Industry[a]	$10.2	$11.4	$15.0	$21.0

Annual Percentage Sales Increases

	1960/1959	1961/1960	1965/1960	1970/1960
Military Electronics	6%	13%	50%	92%
Industrial Electronics	13%	22%	83%	177%
Consumer Electronics	3%	No change	14%	82%
Replacement Parts	10%	10%	40%	60%

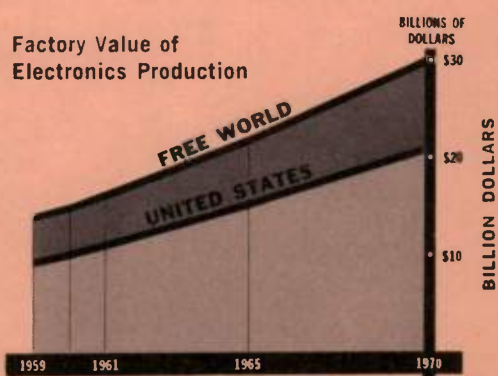
(a) Total industry definition is same as that used by Electronic Industries Association; EIA definition excludes electronics expenditures for Operation and Maintenance — currently worth $900 million to $1 billion annually; and included in last year's market estimates by ELECTRONICS

Except where another source is quoted, the 1960, 1961 and long-range market estimates appearing in this section were compiled by Edward DeJongh, market research, ELECTRONICS. While the organization and interpretation is similar to that reported in the special market survey published in the January 6, 1961, issue, some of the statistics have been revised in accordance with later information from industry and government sources.

Summary

Components
Consumer
Industrial
Military and Government
Distribution and Exports

Factory Value of Electronics Production



Major Business Indicators: Annual Summary, 1955-1960[a]

Item	1955	1956	1957	1958	1959	1960[b]
	Billions of Dollars, Except as Noted					
National Income	330.2	350.8	366.9	367.7	399.6	na
Gross National Product	397.5	419.2	442.8	444.2	482.1	503.2
GNP (1954 dollars)	392.7	400.9	408.6	401.0	428.0	439.2
New Plant and Equipment	28.7	35.1	37.0	30.5	32.5	35.7
Durable Goods Industries	5.4	7.6	8.0	5.5	5.8	7.2
Total Sales	627.3	657.6	675.8	648.3	719.7	732.6
Manufacturing Sales	316.1	332.5	340.6	314.8	356.8	365.1
Durable Goods	156.9	165.7	169.9	148.6	174.1	176.3
Inventories (year end book value, unadjusted)	80.3	87.8	89.6	84.3	88.8	91.6
Manufacturing	46.6	52.5	53.7	49.5	52.9	54.1
Durable Goods	26.6	30.6	31.1	27.9	30.3	31.0
Manufacturers New Orders	326.0	339.9	327.1	310.8	361.5	359.3
Durable Goods	166.2	173.3	157.0	144.5	178.2	171.3
Durable Goods Orders Unfilled Year End	53.4	61.0	48.1	44.0	48.1	43.1
Consumer Prices (1947-49 = 100)	114.5	116.2	120.2	123.5	124.6	126.5
Wholesale Prices (1947-49 = 100)	110.7	114.3	117.6	119.2	119.5	119.6
Industrial Prod. (1957 = 100)	96	99	100	93	105	108
Durable Manufactures	98	100	100	87	102	104
Total Labor Force (millions)	65.8	67.5	67.9	68.6	69.4	70.6
Unemployed (percent)	4.4	4.2	4.3	6.8	5.5	5.6
Federal Expenditures	66.1	67.2	71.7	75.8	79.8	77.6
Major National Security	40.9	41.2	44.4	45.7	46.3	41.5

(a) Selected from a more detailed list issued by the U.S. Department of Commerce, Office of Business Economics. Detailed business statistics are published monthly in **Survey of Current Business**, available from the Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C., or Department of Commerce Field Offices in the principal cities. Single issues are 30¢; a year's subscription, including weekly statistical supplements, is $4 (b) Preliminary (c) Total for 11 months

Capital Spending in American Industry

INDUSTRY	1959 Actual[a]	1960 Est.[a]	1961 Planned	1960-61 % Change	1962 Planned
	Billions of Dollars				
Iron & Steel	$1.04	$1.52	$1.37	—10%	$1.18
Nonferrous Metals	.31	.34	.34	0	.32
Machinery	.91	1.15	1.11	— 3	1.11
Electrical Machinery	.52	.62	.68	+10	.63
Autos, Trucks & Parts	.64	.89	.95	+ 7	1.02
Transportation Equipt. (Aircraft, Ships, R.R.)	.39	.41	.37	—10	.35
Other Metalworking	.88	.97	.85	—12	.87
Chemicals	1.24	1.61	1.64	+ 2	1.59
Paper & Pulp	.63	.75	.69	— 8	.53
Rubber	.19	.24	.23	— 4	.20
Stone, Clay & Glass	.53	.63	.56	—11	.55
Petroleum & Coal	2.49	2.45	2.52	+ 3	2.50
Food & Beverages	.82	.94	.99	+ 5	.97
Textiles	.41	.53	.42	—21	.40
Misc. Manufacturing	1.07	1.28	1.21	— 5	1.13
All Manufacturing	**12.07**	**14.33**	**13.93**	**— 3**	**13.35**
Mining	.99	.99	.90	— 9	.89
Railroads	.92	1.04	.79	—24	.83
Other Transportation & Communications	4.69	5.20	4.61	—11	4.18
Electric & Gas Utilities	5.67	5.89	6.14	+ 4	6.01
Commercial[b]	8.21	8.61	8.70	+ 1	8.54
All Business	**32.55**	**36.06**	**35.07**	**— 3**	**33.80**

(a) U.S. Department of Commerce, Securities and Exchange Commission, McGraw-Hill Department of Economics (b) Figure based on large chain, mail order and department stores, insurance companies, banks and other commercial businesses

Source: McGraw-Hill Fall Survey of Business Investment Plans for 1961 and 1962

Shipments of Electronic

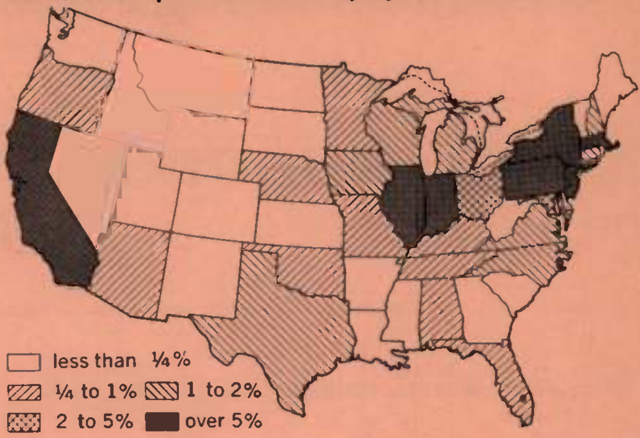
SIC Code	$1,000
SIC 3571: Computing and Related Machines[b]	1,104,194
New England	30,180
Mid Atlantic	514,237
North Central	422,190
South	20,319
West	117,268
N.Y.	444,292
Calif.	113,875
SIC 3611: Electric Measuring Instruments	673,522
Northeast	266,551
E.N. Central	142,397
W.N. Central	8,743
South	32,974
West	222,857
Mass.	77,257
N.Y.	55,753
Ohio	29,299
Ill.	60,885
Calif.	174,879
SIC 36111: Integrating Instruments, Electrical	88,809
Northeast	34,148
North Central	33,692
South & West	20,969
SIC 36112: Equipt. for Testing Electrical, Radio and Communication Circuits and Motors	341,883
New England	21,067
Mid. Atlantic	114,236
North Central	71,516
South & Mountain	14,596
Pacific	120,468
N.Y.	45,930
N.J.	54,520
Ill.	21,724
SIC 36113: Other Electrical Measuring Instruments	140,053
New England	33,035
Mid. Atlantic	35,445
E. N. Central	23,544
W. N. Central	1,182
South & West	46,847
N.J.	23,305
Calif.	39,024
SIC 36220: Industrial Controls	447,297
New England	28,789
Mid. Atlantic	78,892
E.N. Central	237,362
W.N. Central	9,554
South	66,412
Mountain	1,116
Pacific	25,172
N.Y.	42,857
Pa.	28,972
Ohio	46,039
Ill.	55,807
Wis.	119,188
Calif.	21,691
SIC 3629: Electric Industrial Goods, nec.	228,929
New England	15,605
Mid. Atlantic	68,445
W.N. Central	6,890
Other Divisions	137,989
N.Y.	34,990
Ohio	31,348
SIC 36291: Capacitors for Industrial Use	57,122
Northeast	34,893
E.N. Central	18,324
Other Divisions	3,905
SIC 36292: Rectifying Apparatus	73,072
Northeast	27,104
E.N. Central	27,262
W.N. Central	7,117
South & West	11,589
SIC 36293: Other Electrical Equipment for Industrial Use	77,064
New England	9,723
Mid. Atlantic	17,860
North Central	37,663
Other Divisions	11,818
SIC 3651: Radio & TV Receivers	1,548,006
Northeast	532,829
E.N. Central	866,818
W.N. Central	26,090
South & West	122,269
N.Y.	279,840
N.J.	110,603
Ill.	539,369

Products and Controls, by Region and State

SIC Code	$1,000
SIC 36511: Home & Auto Radios & Radio-Phono Combinations	549,226
Northeast	175,181
North Cenrtal	313,065
N.Y.	91,080
N.J.	35,335
Ind.	55,613
Ill.	172,930
SIC 36512: Home TV	726,594
Mid. Atlantic	263,205
Other Divisions	463,390
N.Y.	129,427
Ill.	282,701
SIC 36513: Recorders, Audio Equipt.	239,774
Northeast	75,270
North Central	139,068
South	8,731
West	16,705
N.Y.	35,986
N.J.	22,175
Ill.	79,186
Mich.	28,238
SIC 36611: Telephone Switching Equipt.	427,633
Ill.	279,610
SIC 36612: Other Telephone & Telegraph Equipt. & Components	704,275
Northeast	287,769
E.N. Central	323,371
W.N. Central	6,623
Other Divisions	86,512
Mass.	119,083
N.J.	154,927
Ill.	210,836
Calif.	20,397
SIC 3662: Radio, TV Communications Equipt.	2,414,620
New England	218,784
Mid. Atlantic	1,038,358
North Central	426,660
South	418,358
West	276,280
Texas	51,307
Calif.	251,461
SIC 36621: Commercial Industrial & Military Communication Equipt.	398,892
New England	19,001
Mid. Atlantic	168,978
North Central	132,525
South	55,733
West	22,215
N.Y.	72,409
N.J.	72,881
Pa.	23,688
Ill.	74,404
Calif.	21,174
SIC 36622: Radio & TV Broadcast Equipt.	53,995
New England	1,715
Mid. Atlantic	28,214
E.N. Central	10,537
W.N. Central	3,282
S. Atlantic	2,226
Other Divisions	8,021
SIC 36623: Intercommunication Equipt., Alarm & Signal Systems	129,786
Northeast	87,921
E.N. Central	31,862
W.N. Central	3,406
S. Atlantic	2,736
S. Central	1,406
West	2,457
N.Y.	42,504
Ill.	21,425
SIC 36624: Electronic Navigational Aids	203,162
Northeast	119,193
North Central	26,672
Other Divisions	57,297
N.J.	49,885
SIC 36625: Electronic Search & Detection, Incl. Radar, Infrared & Sonar	917,856
New England	143,649
Mid. Atlantic	347,856
E.N. Central	70,620
W.N. Central	3,594
S. Atlantic	230,993
Other Divisions	121,244
Mass.	132,997
N.Y.	202,360
Ohio	35,990
Ill.	25,483
Calif.	84,831

SIC Code	$1,000
SIC 36626: Electronic Military, Industrial & Commercial Equipt. nec.	287,771
Northeast	175,760
North Central	27,041
Other Divisions	86,638
Fla.	29,903
Calif.	44,090
SIC 3671: Electron Tubes, Receiving	382,526
Northeast	250,325
North Central	69,631
South & West	62,570
Pa.	96,747
SIC 3672: Cathode Ray Picture Tubes	159,252
New England	488
Mid. Atlantic	59,756
North Central	92,769
South & West	6,239
N.Y.	37,895
SIC 3673: Electron Tubes, Transmitting	258,474
Northeast	181,275
North Central	6,565
South & West	70,634
N.Y.	31,197
N.J.	28,308
Calif.	58,591
SIC 3679: Electronic Component, nec	1,445,684
New England	237,193
Mid. Atlantic	500,663
E.N. Central	345,976
W.N. Central	60,786
South	117,348
West	183,721
N.Y.	213,033
N.J.	125,235
Pa.	162,395
Ill.	168,774
Mich.	52,088
Wis.	21,742
N.C.	25,551
Calif.	172,763
SIC 36791: Solid State Semiconductor Devices	232,523
New England	54,461
Mid. Atlantic	85,791
North Central	13,204
Other Divisions	83,208
Mass.	50,823
N.Y.	34,850
N.J.	22,825
Pa.	28,116
Calif.	32,461
SIC 36792: Capacitors for Electronics	183,562
New England	56,040
Mid. Atlantic	33,970
North Central	42,207
Other Divisions	44,978
Mass.	35,791
Ill.	23,971
SIC 36793: Resistors for Electronics	146,788
New England	14,790
Mid. Atlantic	48,603
North Central	62,475
Other Divisions	20,920
Pa.	27,931
SIC 36794: Coils, Transformers, Reactors & Chokes, Electronic	205,356
New England	22,620
Mid. Atlantic	52,923
E.N. Central	78,596
W.N. Central	10,762
South Atlantic	17,417
E.S. Central	1,103
W.S. Central	1,404
West	20,531
N.Y.	33,579
Ill.	43,027
SIC 36795: Other Electronic Components & Accessories, nec, incl. Tube Parts	618,579
New England	63,850
Mid. Atlantic	219,696
E.N. Central	174,109
W.N. Central	45,195
South Atlantic	20,596
South Central	10,019
Mountain	1,857
Pacific	83,257
Mass.	28,754
Conn.	24,795
N.Y.	85,356
N.J.	72,592
Pa.	61,748
Ohio	41,548
Ill.	77,920
Mich.	31,359
Minn.	30,968
Calif.	81,839

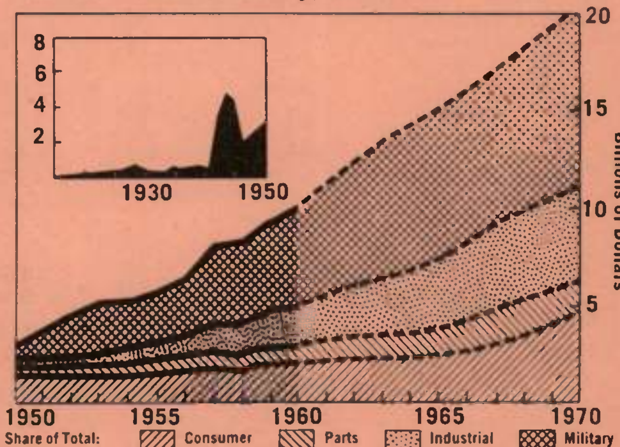
Distribution of the Electronics Industry by Value of Shipments and Employees



This map and the table below, giving the approximate regional distribution of electronics and controls by value of shipments and number of employees, is based upon the 1958 Census of Manufactures for Standard Industrial Classifications 3611, 3622, 3629, 3651, 3661, 3662, 3671, 3672, 3673 and 3679. To avoid disclosing information about individual establishments in a number of states, the Bureau of the Census has announced the value of shipments or number of employees for only a relatively few states in each classification. However, these states are generally those with the largest number of employees and shipments, leaving only a part of the totals for each classification unreported. Data for the remaining states in each classification has been estimated on the basis of regional totals, the employment size range of the establishments in each state and the average value of shipments per employee for each classification. Since the total value of shipments and total number of employees (when given as a percent) is almost the same in each state, the two sets of data have been combined into a single map. Regions are defined on the map on page 1

	Shipments		Employees	
Region	$-million	%	1,000	%
New England	965	11.3	72	12.7
Mid. Atlantic	2,900	33.7	190	33.2
E.N. Central	2,750	32.2	175	30.9
W.N. Central	255	3.0	18	3.1
South Atlantic	520	6.0	32	5.7
E.S. Central	125	1.5	9	1.7
W.S. Central	140	1.7	10	1.7
Mountain	55	0.6	4	0.7
Pacific	855	10.0	60	10.2

The Electronics Industry, 1915-1970

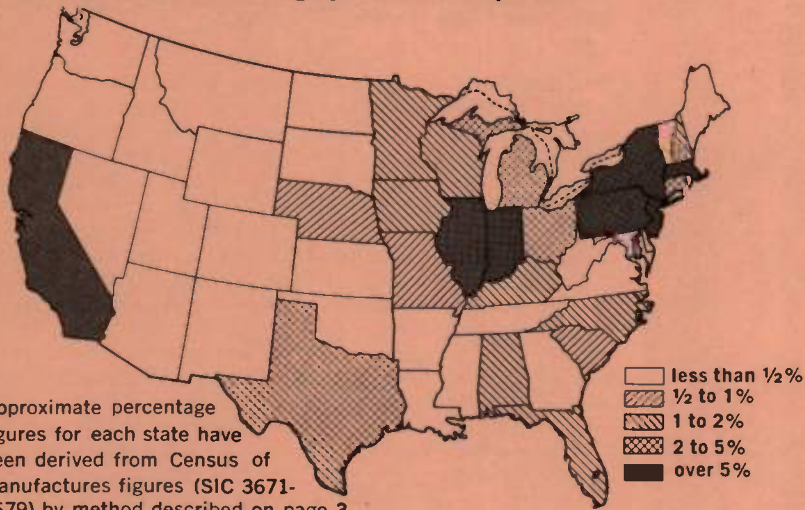


Source: 1950-1960, EIA

(a) From 1958 Census of Manufacturers. Only states which are reported as making shipments over $20 million are listed here
(b) Electronic computers are approximately one-third the total

Components and Materials

Component Manufacturing by Value of Shipments



Approximate percentage figures for each state have been derived from Census of Manufactures figures (SIC 3671-3679) by method described on page 3

Military Share of Components Shipments[a]

Component	Mil—%
Power & Special	
Purpose Tubes	65
High-Vacuum	49
Klystrons	83
Magnetrons	95
Receiving Tubes	14
Miniature	10
Stndrd Glass	5
Semiconductors	45
Diodes, Rect.	50
Transistors	46
Germanium	33
Silicon	73
Capacitors	32
Paper	34
Tantalum	64
Complex Comp.	60
Connectors	66
Quartz Crystals	26
Relays	46
EM	46
Resistors	44
Fixed Compo.	23
Var., not W-Wnd	31
Var., W-Wnd	72
Transformers	
& Reactors	44
All Components	38

(a) Selected from detailed 1960 quarterly reports issued by Electronics Division, Business and Defense Services Administration, U.S. Department of Commerce, Washington 25, D.C. Percentage is percent of value of total shipments

Consumption of Materials, Parts and Supplies by the Communications Industry[a]

Materials and Parts	Total Reported	Delivered Cost ($1,000)—Standard Industrial Classifications						
		3651	3661	3662	3679	3671	3672	3673
Tungsten Wire	3,785					2,993	124	668
Ferrites	7,264	1,298		212	3,605	2,149		
Mica	7,691	148			2,604	4,776		163
Castings								
Steel	3,003	289		2,452	262			
Copper	2,404		56	2,058	290			
Aluminum	7,982	1,229	921	4,617	1,215			
Molybdenum	2,016					1,263		753
Tantalum Mill Prod.	2,144				2,023			121
Mill Shapes & Forms								
Aluminum Sheet								
Plate & Foil	20,666[b]	1,671	2,088	5,179	11,728			107
Aluminum, other	14,184[b]	487	1,856	3,814	8,027			
Nickel	7,717	355		311	3,056	2,335		1,660
Carbon Steel	53,893	14,291	13,929	8,001	17,672			
Stainless Steel	5,065	73	1,609	2,572	811			
Alloy Steel	8,601	1,380	1,259	1,384	4,578			
Copper								
Bare Wire	15,104	1,872	4,054	430	8,748			
Ins. Wire & Cable	40,254	5,441	16,512	9,548	8,753			
Other	20,017	416	10,534	1,789	7,278			
Fractional Hp Motors	32,598	7,724		18,464	6,410			
Electron Tubes	206,519	135,053	11,830	56,246	3,390			
Semiconductor Devices	39,791	15,514	3,430	18,248	2,599			
All other Materials, Parts and Supplies	2,152,198	706,896	(c)	825,296	404,130	59,926	86,076	69,874
TOTAL	2,653,003	894,137	(c)	960,621	497,179	73,442	86,200	73,346

NOTES

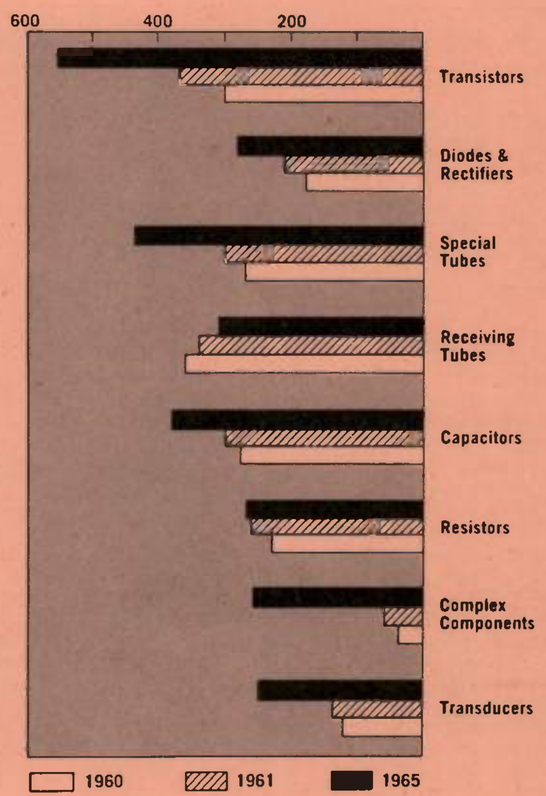
(a) Source: 1958 Census of Manufactures. See page 3 for SIC definitions. (b) Do not include SIC 3673 aluminum (c) Omitted because of extensive duplication in value of shipments

Electronics Component Sales Estimates 1960-1965

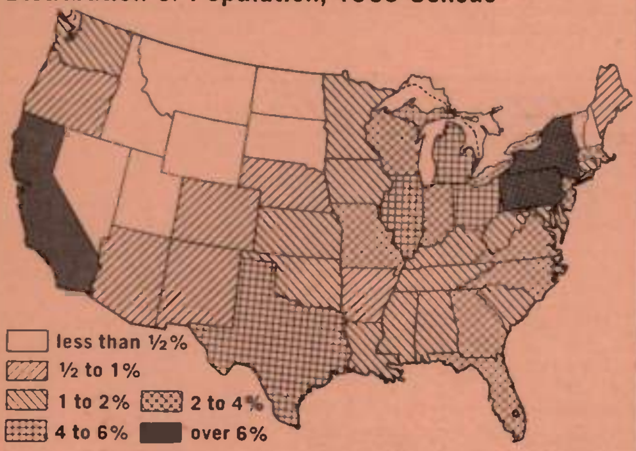
Type of Component	Composite Sales Estimates[a] Millions of Dollars 1960	1961	1965
ELECTRON TUBES			
Total Receiving Tubes[b]	365[c]	350[c]	320[c]
Subminiature	27	26	20
Miniature	231	234	160[c]
Standard Glass (G & GT)	87	92	58[c]
Ceramic and Special Tubes[d]	14	24	50
Television Picture Tubes[e]	187	192	240
Total Special Purpose Tubes[b]	275[c]	304[c]	434[c]
High-Vacuum Rectifiers	5	5.5[c]	5.5[c]
High-Vacuum Triodes & Multigrids	43	44	53[c]
Gas & Vapor Rectifiers	3.3[c]	3.3[c]	3.8[c]
Thyratrons, except Hydrogen	6.5[c]	8[c]	5[c]
Hydrogen Thyratrons	4.5[c]	5	6
Ignitrons	6	6	6
Klystrons	48[c]	59[c]	80
Magnetrons	51	55[c]	55[c]
Traveling Wave Tubes	17	34	70
Backward Wave Tubes	4	10[c]	29[c]
Duplexer Tubes	8	9	10
Light-Sensing & Emitting Tubes	25	28	37
Storage Tubes	5	6	11
X-Ray Tubes	4	5[c]	8[c]
UHF Planar Tubes	14	16	20
Radiation Detector Tubes	12	14	13
Vacuum Capacitors, etc.[f]	6	8	12
SEMICONDUCTOR DEVICES			
Total Semiconductor Devices[b]	560[c]	625	1,000
Total Transistors[b]	306[c]	375[c]	550[c]
Germanium	200[c]	232	300
Silicon	100	130[c]	231[c]
Gallium Arsenide	g	g	20
Total Diodes & Rectifiers[b,h]	186[c]	211[c]	282[c]
Germanium	44	45[c]	41[c]
Silicon	140	166[c]	210[c]
Selenium	19	17	11
Copper Oxide	2[c]	2[c]	2[c]
Gallium Arsenide	g	g	20[c]
(Diodes Only)[i,b]	110	120	130
Germanium	40	34	35
Silicon & GaAs	65	70	100
(Rectifiers Only)[i,b]	g	76	120
Germanium	3	4	1
Silicon	g	72	119
Total Special Diodes & Devices[b]	45[c]	60[c]	160[c]
Zener Diodes	27	34	40
Tunnel Diodes	1	4	25[c]
Silicon Controlled Rectifiers	10	18	80
Solar Cells	4	5	11
Photocells	4	4	6
Infrared Detectors	2[c]	g	g
Parametric Amplifier Diodes	0.2[c]	0.2[c]	0.2[c]
OTHER COMPONENTS			
Total Antennas[b,j]	130	136	149
Broadcast[k]	5	6	9
Microwave and Mobile Radio	6[c]	12[c]	27[c]
Radar & Other	95[c]	100[c]	98[c]
Total Capacitors[b]	274	300[c]	375[c]
Paper & Metallized Dielectric	76	81	88[c]
Film Dielectric	19[c]	21	40[c]
Aluminum	50	48	53[c]
Tantalum	41	46	64[c]
Mica	22[c]	24[c]	24[c]
Glass[n]	55[n]	40[n]	37[n]
Vitreous Enamel	5[c]	23[l]	95[l]
Ceramic	34	36[c]	42[c]
Air Dielectric	16	17	24[c]
Total Complex Components[b,m]	24	56	261
Modular Circuits	7[c]	13[c]	60
Molecular Circuits	1.5	3	70
Other Assemblies	7	8[c]	61
Other Complex Components	10	25	70
Total Connectors[b]	170	185	247
Coaxial	20	23	30
Multicontact Cylindrical	77[c]	79[c]	90[c]
Multiple Contact	35	43	60
Fusion Sealed	7[c]	7[c]	8[c]
Printed Circuit	16[c]	15	20
Other Connectors	28[c]	30[c]	40[c]
Delay Lines	12	g	g
Electronic Filters	35	40	90
Microphones	13	13	15
Phono Cartridges & Pickups	24	g	g
Printed Circuit Boards	45	55	75
Total Relays[b]	181	185	212
Electromagnetic	150[c]	149	158
Meter Movement	34	36	54

Type of Component	Composite Sales Estimates[a] Millions of Dollars 1960	1961	1965
Total Resistors[b]	239	274	276[c]
Fixed Composition	48	55	75
Variable Composition	39	40	66
Film	28	35	53
Deposited Carbon	22	29	44
Wire-Wound, Fixed & Adjustable	30	32	40
Wire-Wound, Variable, Nonprecision	14	21	23
Wire-Wound, Variable, Precision	46	49	52
Varistors & Thermistors	12	13	19
Total Switches[b]	45	50	90
Coaxial	7	11	27
Rotary Wafer	5	6	9
Pressure	15	20[c]	32[c]
Other Switches	18	16	26
Total Transducers[b]	130	150	240
Accelerometers	10	11	15
Pressure	34	37	46
Strain	16	g	g
Temperature	32	g	g
Force	7	g	g
Vibration	8	g	g
Motion	8	g	g
Displacement	15	g	g
Transformers	145	157	223

(a) Estimates originally published in ELECTRONICS January 6, 1961, have been adjusted to reflect the many data contributions received too late for inclusion in the earlier report and to incorporate other component market information obtained since the beginning of the new year (b) Totals do not always agree with sum of individual estimates since totals and individual estimates were in many cases supplied by different individuals (c) Revision of January 6, 1961, report (d) Includes ceramic, acorn, pencil, metal, lock-in metal and other (e) New glass only; excludes rebuilt sales estimated at 45 percent of total in 1960 (f) Includes switches and others (g) No estimate supplied (h) Except special types listed below (i) Follows new Electronic Industries Association definition separating diodes and rectifiers; parentheses indicate sales are not in addition to diodes and rectifiers total, but a further breakdown of that total (j) Except coupling, masts and consumer type antennas (k) Except towers (l) Not comparable with 1960; includes broader vitreous capacitor lines (m) Sold as single units (n) Derived by subtraction; no specific estimates supplied



Distribution of Population, 1960 Census



Regional Population and Increase

Region	Millions	% of Total	% Increase 1950/1960
New England	10.4	5.9	11.9
Mid. Atlantic	33.9	19	12.5
E.N. Central	36	20.2	18.4
W.N. Central	15.3	8.6	8.9
South Atlantic	25.7	14.6	21.3
E.S. Central	12	6.7	4.2
W.S. Central	16.8	9.4	15.5
Mountain	6.8	3.8	34.1
Pacific	20.9	11.8	38.5
U.S. Total	177.9	100	17.5

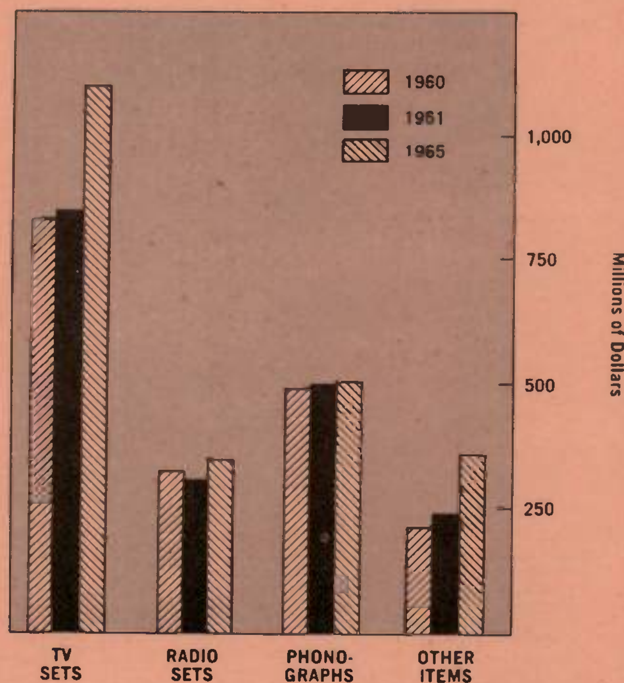
West Virginia, Mississippi and Arkansas are the only states which declined in population between 1950-1960. The largest population increases were in California (4.9 million), Florida (2.1), New York (1.8), Texas (1.8), Ohio (1.7), Michigan (1.4), Illinois (1.3) and New Jersey (1.2). The largest percentage increases in population were in Florida (76.3%), Nevada (76.2%), Alaska (74.2%), Arizona (71.9%) and California (46.5%).

Consumer Electronics

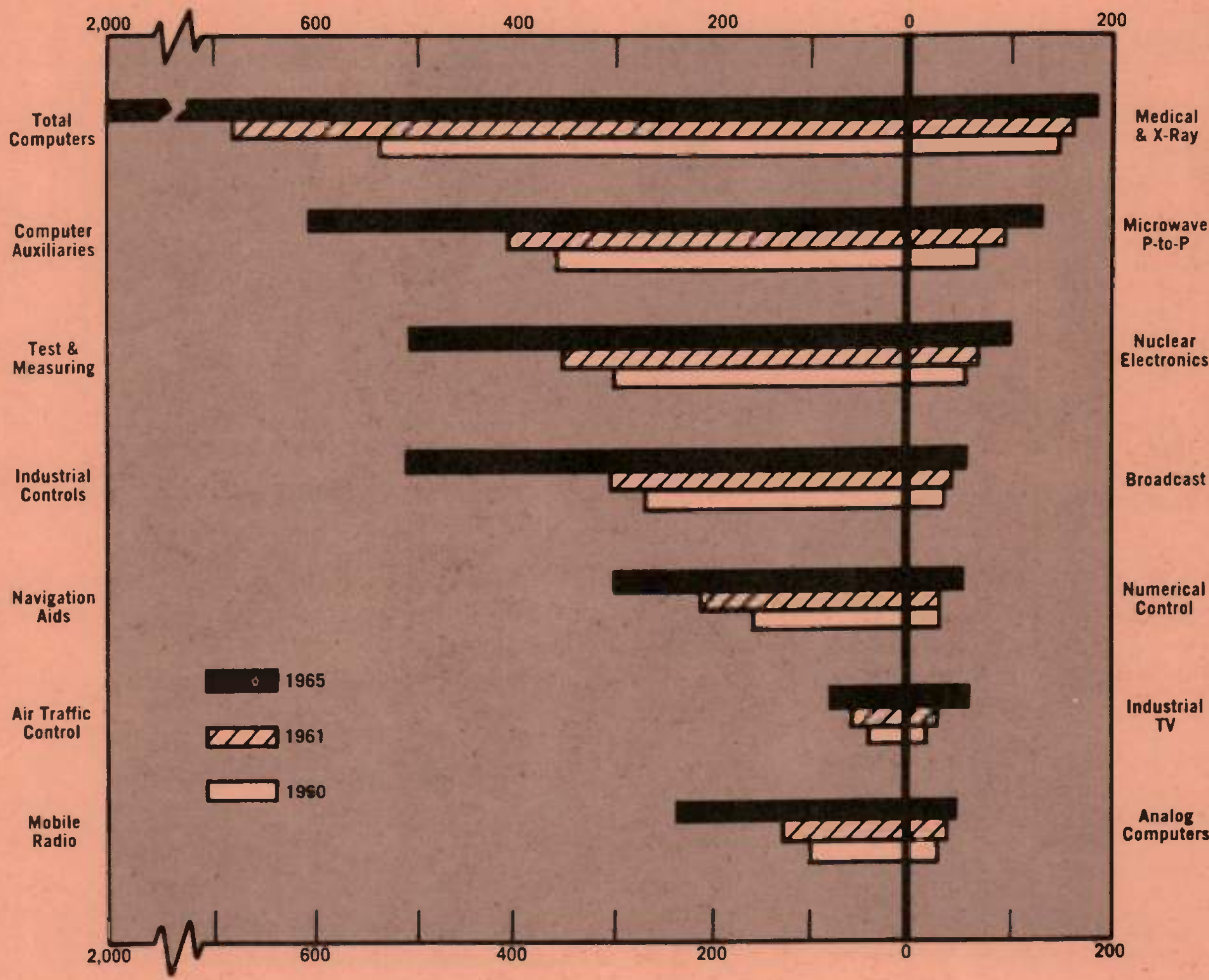
Where the customers are
What they buy
How much they spend

Consumer Electronics, 1960-1965

Product	Composite Sales Estimates[a] Millions of Dollars 1960	1961	1965
Total TV Sets[b,c]	940[d]	960[d]	1,100
Black & White	840[d]	825[d]	1,000[d]
Color	60	68[d]	257[d]
Total Radio Sets[c]	363	350	383
Table, AM, AM/FM	100	80	83
Portable, AM	100	100	115
Auto, AM	120	120	130
All FM Radios[e]	38	45	55
Total Phonographs[c,f]	460[d]	475[d]	550[d]
Monaural	182[d]	180[d]	225[d]
Stereo	290[d]	280[d]	315[d]
Total Hi-Fi Comp.[c]	55[d]	56[d]	62[d]
Amplifiers	14	15	18
Speakers	15[d]	15	19
Tuners	10	11	12
Cartridges & Turntables	10	9.3	10.6
Other Consumer Items			
Tape Recorders	50	63	75
Phono Records	285	289	415
Prerecorded Tape	7	25	100
Organs	25	25	30
Home Intercoms, Wired	3	5	10
Citizens-Band[g]	28[d]	38[d]	55[d]
Kits, Consumer	38	42	65



(a) Market estimate originally published in ELECTRONICS, January 6, 1961, has been revised to include more recently available information (b) Includes radio and phonograph combinations (c) Totals and individual estimates may not agree as in many cases they were supplied by different individuals (d) Revision of January 6, 1961 figures (e) Excludes am/fm combinations included above (f) Includes record players and radio-phonographs (g) Includes home intercom and marine radio



Industrial Electronics Market Forecast

This map, prepared by the Joint Council on Educational Broadcasting, locates present and potential educational television stations. In February, 1961, educational channel reservations totaled 268: 90 VHF reservations and 178 UHF reservations. A survey of 50 stations on the air in October, 1960, showed capital investments of $24.5 million and operating budgets totaling $11.7 million a year. In July, 1960, some 185 educational institutions had installed 200 closed circuit tv systems. The number of cctv systems installed in February, 1961, was estimated at 300 by JCEB

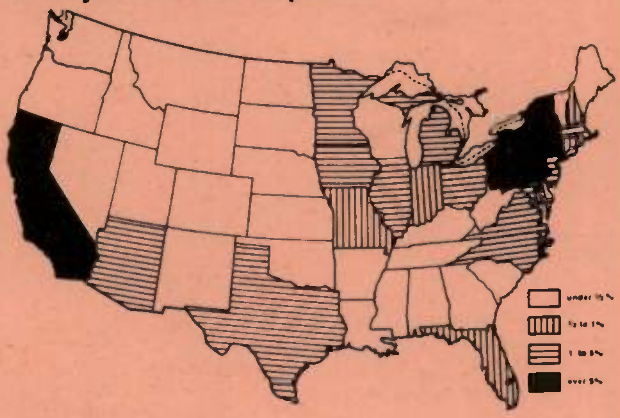
Educational Television Stations

Industrial Electronic Sales Estimates for 1960, 1961 and 1965

Product	1960	1961	1965
	Composite Sales Estimates[a] Millions of Dollars		
TOTAL COMPUTERS	530	670	2,000
Digital Computers	504	606	2,000
General Purpose	500	600	1,950
Special Purpose	4	6	50
Analog Computers	28	31	36
General Purpose	13	14	16
Special Purpose	15	17	20
Auxiliary Computer Equipt.	350	400	600
Converters			
Analog-Digital	20	25	50
Digital-Analog	25	28	58
Card-Tape	2	2	3
Storages & Memories			
Memory Core		150	500
Magnetic Tape Hndl.		75	200
Magnetic Drum	20	30	60
Magnetic Disk		25	150
Paper Tape Readers	9	11	24
Data Recorders & Readers	11	16	26
Digital Plotting	16	18	27
COMMUNICATIONS & BROADCAST			
Total Broadcast	37	38	52
Transmitters & Amplifiers			
A-M	10	11	15
F-M	6	7	
TV	8	9	11
Consoles & Speech Input Equipt.	11	12	14
Transmitter Accessories	11	11	
Land Mobile Equipt.	110	135	230
Microwave Point-to-Point	70	90	125
Other Communications			
Airborne Transmitters & R-F Amplifiers		5	
Airborne Receivers		8	
Carrier-Current Equipt.		16	
Facsimile		30	
TOTAL TEST & MEASURING	300	350	500
R-F Test & Meas.	28		
Microwave Test	15		
Transmitter	3	4	6
Other Signal Generators	20	21	23
Voltmeters, Digital	12	15	25
Oscilloscopes & Oscillographs	60	70	80
Spectrum Analyzers	28		
X-Y Plotters	4	4	8
Other Recording Insts.	35		
Frequency Converters, Time Standards, Counters	22	25	45
D-C Amplifiers	5		10
Inverters, Static	2	2	3
SWR Measuring Insts.	2	4	25
Timers, Electronic	6	7	10
Automobile Test	28		
Sound Level Meters	6		
Tube Test & Meas.	15		
Ultrasonic Test	8		
Chromatographs	4	5	9
Voltage Calibrators	12	13	15
Industrial X-Ray	16	21	35
TOTAL NAVIGATIONAL AIDS	160	210	300
Air Traffic Control	50	60	75
Autopilots		8	
Beacons & Transponders		4	
Collision Warning	1	3	40
Direction Finders	5	6	11
Flight Control Equipt.		8	
GCA Equipment	20	25	40
VHF Omnirange		1	
TOTAL INDUSTRIAL CONTROLS	270	300	500
Controls, Misc.			
Dimension	8	10	20
Speed Drive	60	60	78
Photoelectric	6	7	11
Infrared	18	20	25
Remote	60		
Ultrasonic	15		
Spectrophotometers	25	26	32
Counters	38		
Electrostatic Precipitation	20	21	30
Microwave Ovens	3		
Machine Tool Controls	50		
Power	17		
Numerical	22	26	45
Tracing	11		
Gaging	6		
OTHER INDUSTRIAL ELECTRONICS			
Total Nuclear Instrumentation	55	60	90
Reactor Controls	27	30	45
Particle Accelerators	11	12	18
Radiation Detectors	18	20	22
Geiger Counters	5	5	5
Dosimeters	1	1	1
Total Industrial TV	11	20	50
Industrial Control	4	6	20
Educational & Medical	3	6	16
Security Systems	1	1	2
Theater Systems	1	2	7
Total Medical & X-Ray	155	160	180
X-Ray Equipt.	95	97	105
Hearing Aids	40	42	45
Electrocardiographs	12	13	15
Electron Microscopes	10		
Ultrasonic Cleaning	1	2	3
Highway Traffic Control	18	22	25
Commercial Sound	145		
Intercoms	30		

(a) Estimates originally published in ELECTRONICS January 6, 1961, have been adjusted to reflect later information (b) Figures represent full sales value at factory of systems produced for customers or captive operations; installation and service is excluded (c) Revision of January 6, 1961 figure (d) Totals and sum of individual estimates do not always agree as they were frequently obtained from different sources (e) Included in total computer estimate (f) Includes dryers, pyrometers, hot box detectors, etc. (g) Includes audio amplifiers and controls, coin phonographs, public address, personal paging systems, etc.

Military Electronics Shipments



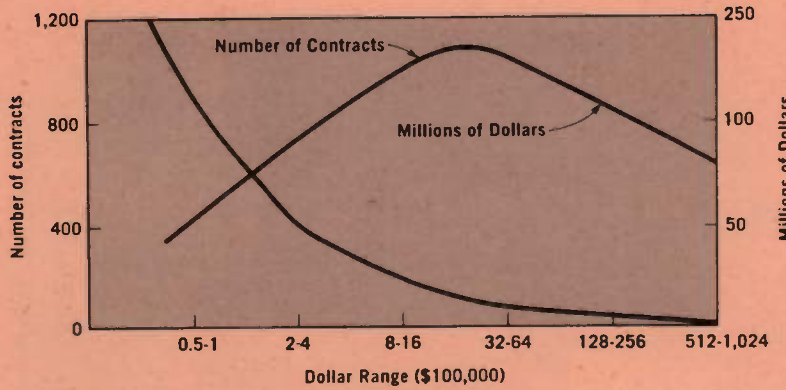
This map, based on a survey that Business and Defense Services Administration made of the origin of military electronics shipments in 1959 (except for Virginia, North Carolina and Iowa), indicates the relative concentrations of military equipment manufacturers. The tables below give the actual percentages, by state, reported by BDSA. The map can be used as a market map by parts and materials suppliers. A comprehensive listing of military and government purchasing agencies and offices, with details on components and equipment purchased by each, is given in the Procurement Guide section.

Military and Space Electronics

Origin of Military Electronics Shipments by State as Percent of Total Value

New York	31,28	New Jersey	3.47	Florida	0.81
California	16.36	Arizona	3.27	Missouri	0.78
Pennsylvania	7.67	Ohio	2.14	Indiana	0.55
Massachusetts	4.81	Texas	1.99	Connecticut	0.54
Maryland	4.62	Minnesota	1.86	Wisconsin	0.42
Illinois	3.51	Michigan	1.27	Other	14.65

Distribution of DOD and NASA Contracts by Size



Government Purchasing of Nuclear Instrumentation

Type of Instrument	Value of Shipments ($1.000) 1959	1958	1957
Instrumentation for Reactor Control			
Government	11,311	12,326	6,771
Other	4,622	2,958	3,182
Radiation M'n't'r'g and Control			
Government	5,863	8,930	b
Other	6,684	5,869	b
Radiation Counters			
Government	2,940	2,661	b
Other	13,441	7,726	b
Isotope Control & Measuring Devices			
Government	193	136	c
Other	8,704	3,760	c

(a) Source: Bureau of the Census (b) Total shipments in 1957 for these two categories was: $8,422,000 to the government and $9,049,000 to other purchasers (c) Breakdown withheld; total for government and other was $6,007,000

Percent of Military Electronics Shipments by Metropolitan Area

New York (N. Y. and Newark, N. J.)	15.33
Los Angeles (Calif.)	13.94
Philadelphia (Pa., N. J.)	7.21
Boston (Mass.)	4.77
Baltimore (Md.)	4.20
Chicago (Ill.)	2.70
Dallas (Texas)	1.98
Minneapolis-St. Paul (Minn.)	1.85
Buffalo (N. Y.)	1.55
San Diego (Calif.)	1.14
Cincinnati (Ohio, Ky.)	1.06
Washington (D. C., Md., Va.)	1.05
San Francisco-San Mateo (Calif.)	1.05
Tampa-St. Petersburg (Fla.)	0.57
St. Louis (Mo., Ill.)	0.46
Milwaukee (Wis.)	0.36
Cleveland (Ohio)	0.35
Manchester (N. H.)	0.16
Stamford-Norwalk (Conn.)	0.16
Kansas City (Kans., Mo.)	0.13
Indianapolis (Ind.)	0.02
Other	39.96

Estimated Expenditures for Military Electronics Equipment, 1960-1965

Type of System	Composite Sales Estimates Millions of Dollars 1960	1961	1965
TOTAL, INCLUDING NASA	5,235	5,910	7,770
Aircraft Electronics[a]	1,500	1,500	1,000
Communications	279	277	270
Radar	208	237	282
Navigation	300	325	400
Computers	185	190	201
Controls	250	300	300
Others	300	300	300
Missile Electronics[a]	1,800	2,100	3,500
Missile Airborne[a]	800	900	1,600
Guidance	400	500	1,000
Computers	150	200	350
Missile Ground[a]	1,000	1,200	1,900
Radar	87	110	325
Checkout and Test	290	335	200
Telemetry	210	225	100
Computers	144	161	420
Range Instruments	15	17	20
Other	382	407	455
Communications & Electronics[a]	810	880	935
Radar	87	110	325
Computer	550	610	825
Countermeasures	27	35	45
Communications	66	135	925
Detection	175	190	200
Meteorological	70	75	80
Other	70	75	80
Ship Electronics[a,c]	100	200	500
Navigation	2	3	5
Radar	10	15	20
Communications	49	100	130
Combat & Support Vehicles[a]	125	130	135
Mobile Radio	110	120	140
R & D and Test[a]	700	800	900
Aircraft	280	260	200
Missiles	320	320	520
NASA, Space Electronics[a]	200	300	800
Vehicle-Communication	15	50	125
Vehicle-Checkout & Test	169	175	205
Expenditures by Type of System[b]			
ASW Electronics	270	300	600
Computers, Analog	320	370	740
Computers, Digital	500	560	1,000
Infrared	130	150	500
Radar	700	750	800
Sonar	50	59	101
Telemetry	220	240	325

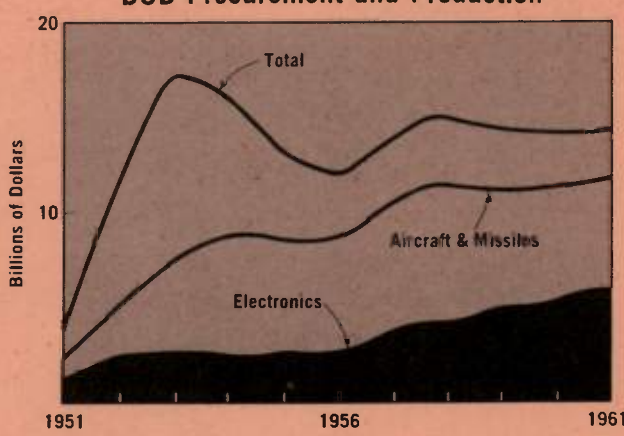
(a) Totals may not agree with individual estimates as they were freuently obtained from different sources (b) Included in all other categories (c) Except missiles

Guidance, Contractors and Status of Guided Missile Programs

Missile	Type[a]	Service	Range Miles	Prime Contractor	Guidance Contractor	Status[a]
Inertial Guidance						
Atlas	S-S	AF	9,000	Convair	Arma	D
Minuteman	S-S	AF	6,000	Boeing	Autotenics	D
Titan II	S-S	AF	9,000	Martin	AC/MIT	D
Polaris	U-S	Navy	1,500	Lockheed	GE	P,O
Jupiter	S-S	Army/AF	1,500	Chrysler	Ford Inst.	P,O
Thor	S-S	AF	1,500	Douglas	AC	P,O
Hound Dog[c]	A-S	AF	500	NAA	Autonetics	P,O
Pershing	S-S	Army	350	Martin	Bendix	D
Redstone	S-S	Army	200	Chrysler	Ford. Inst.	P,O
Mace B	S-S	AF	1,200	Martin	AC	D
Sergeant	S-S	Army	85	Sperry	Sperry	P
Stellar-Inertial Guidance						
Skybolt	A-S	AF	1,000	Douglas	Nortronics	D
Snark[c]	S-S	AF	6,000	Northrop	Nortronics	P,O
Radio-Inertial Guidance						
Atlas	S-S	AF	6,300	Convair	GE/Burroughs	P,O
Titan	S-S	AF	6,300	Martin	BTL/Sperry	D,P
Slam[d]	S-S	AF	6,300			
Radio Command						
Regulus	S-S	Navy	1,000	Chance V.	Sperry	O
Lacrosse	S-S	Army	20	Martin	Martin	O
Bullpup	A-S	Navy/AF	6	Martin	Martin	D,P,O
Nike-Ajax[e]	S-A	Army	25	WE	WE	O
Nike-Hercules	S-A	Army	75	WE	WE	P,O
Nike-Zeus[f]	S-A	Army	200	WE	WE	D
Cobra	S-S	USMC	1	Daystrom		D,P
Corporal	S-S	Army	75	Gilfillan/ Firestone	Gilfillan	P,O
Bomarc[g]	S-A	AF	400	Boeing	Westinghouse	D,P,O
Matador[h]	S-S	AF	650	Martin	Martin	O
ATRAN (Map-Matching)						
Mace	S-S	AF	650	Martin	Goodyear	P,O
Radar Homing						
Tartar	S-A	Navy	10	Convair	Raytheon	D,P
Hawk	S-A	Army	22	Raytheon	Raytheon	P,O
Falcon	A-A	AF	5	Hughes	Hughes	P,O
Sparrow III	A-A	Navy	5	Raytheon	Raytheon	D,P,O
Mauler	S-A	Army	—	Convair	Burroughs/ Ray	D
Beam Rider						
Terrier	S-A	Navy	10	Convair	Sperry	P,O
Beam Rider, Semiactive Homing						
Talos	S-A	Navy	65	Bendix	Sperry	P,O
Infrared Homing						
Redeye	S-A	Army/MC	—	Convair	Philco/Conv.	D
Falcon	A-A	AF	+5	Hughes	Hughes	P,O
Sidewinder	A-A	Navy/AF	+2	Philco	Philco/GE	D,P,O
Antisubmarine Weapons						
Asroc	S-U	Navy	8	Minn-Honeywell	(i)	D,P,O
Subroc	U-U	Navy	—	Goodyear	Kearfott	D
Autopilot Decoy						
Quail	A-S	AF	200	McDonnell	Summers Gyro	P,O

(a) Key to type of missile: A, air; S, surface; U, underwater. Key to status: D, under development; P, in production; O, operational (March 1, 1961) (b) To be superseded by Skybolt (c) Was to be phased out (d) Nuclear-powered missile under study (e) Is being replaced by Nike-Hercules (f) Anti-ICBM with unknown terminal guidance (g) SAGE, plus radar homing (h) Will be superseded by Mace (i) Librascope has fire control

DOD Procurement and Production

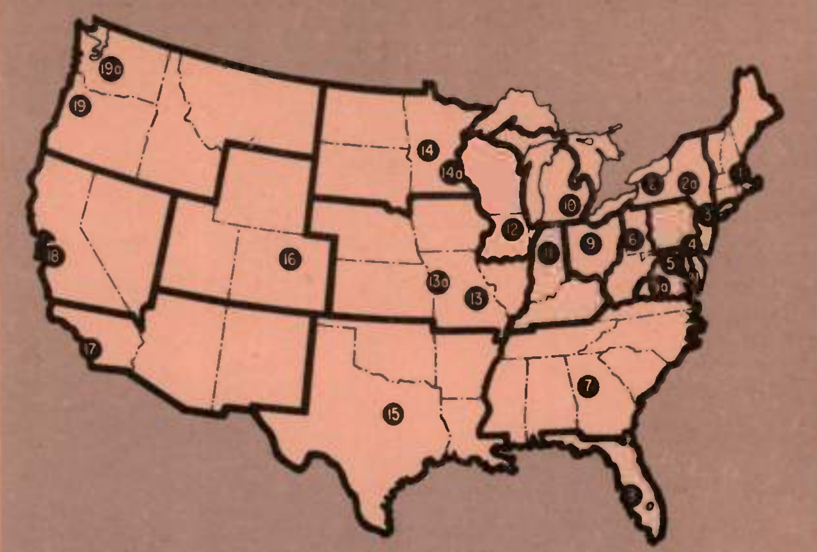


Sources: AIA, EIA, ELECTRONICS

Key to Districts

District		Percent of Business
1	Boston	8.83
2	Rochester	7.23
2a	Syracuse	
3	New York	10.70
4	Philadelphia	5.95
5	Baltimore	5.51
5a	Washington	
6	Pittsburgh	2.74
7	Atlanta	4.22
8	Tampa	2.74
9	Cleveland	3.82
10	Detroit	2.71
11	Indianapolis	1.93
12	Chicago	6.12
13	St. Louis	2.79
13a	Kansas City	
14	Minneapolis	1.78
14a	St. Paul	
15	Dallas	5.32
16	Denver	1.72
17	Los Angeles	16.08
18	San Francisco	6.14
19	Portland	3.14
19a	Seattle	
20	Alaska	.198
21	Hawaii	.332

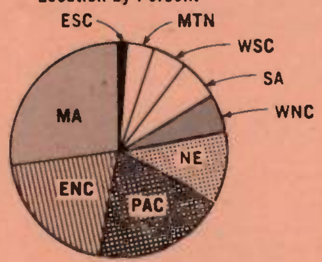
Average Territories of Manufacturers Representatives



Boundaries indicate the average territory traveled by more than 700 reps questionnaired yearly by ELECTRONICS. In five territories (2, 5, 13, 14 and 19) either of two cities may be used effectively as headquarters. The table, based on ELECTRONICS circulation in each territory on December 31, 1960, may be used as a guide to approximate sales quotas

Distribution and Exports

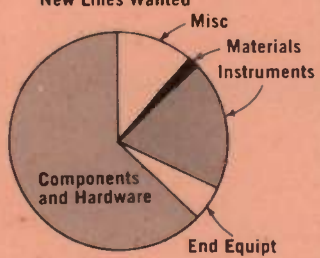
Location by Percent



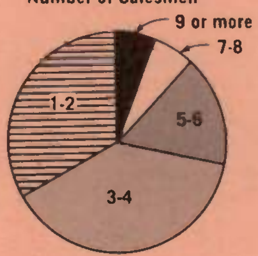
Location of Reps

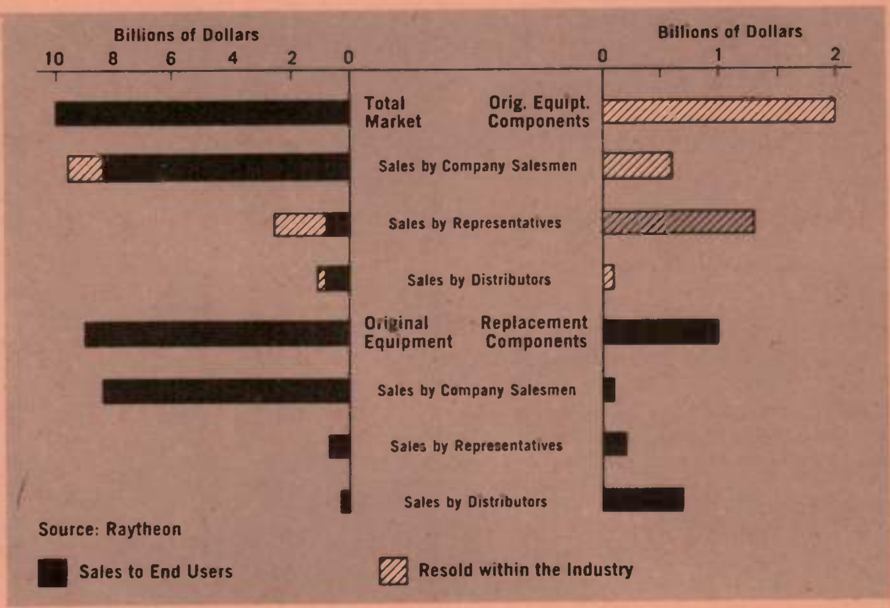
Mid-Atlantic	27%
E.N. Central	20%
Pacific	20%
New England	11%
W.N. Central	6%
S. Atlantic	6%
W.S. Central	5%
Mountain	4%
E.S. Central	1%

New Lines Wanted

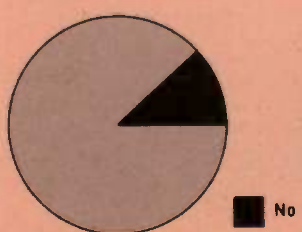


Number of Salesmen

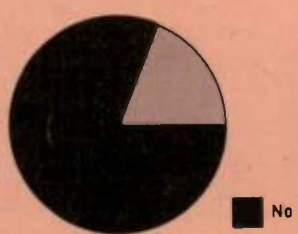




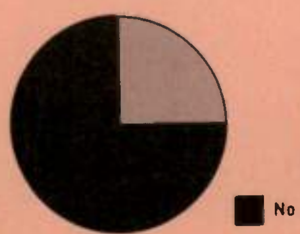
Technical Staff



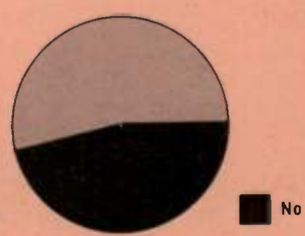
Handle Service Contracts



Will Service Equipment



Warehouse or Storage

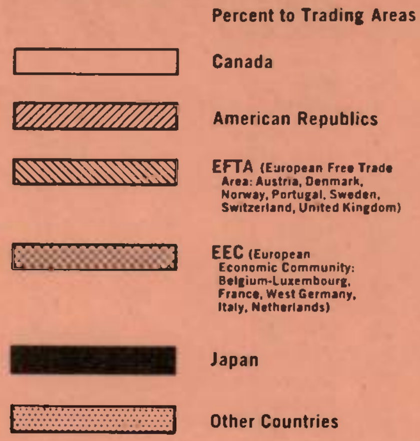


Exports of Electronic and Related Equipment

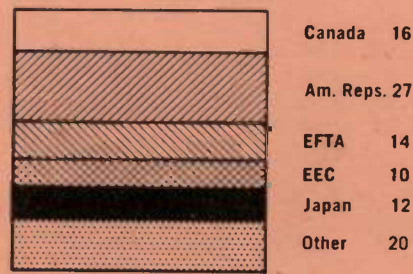
Product	Annual Exports ($1,000) 1958	1959	1960[c]
Broadcast & Communications Equipment			
Broadcast Transmitting, AM & FM	4,775	3,671	2,354
Broadcast Transmitting, TV	3,251	3,441	3,224
Broadcast Audio, Radio & TV	1,010	1,463	1,496
Broadcast Studio, TV	3,787	9,931	13,786
Radio Communications, nec.[b]	123,404	90,691	94,302
Carrier Current	2,219	2,628	1,197
Telephone (Wire) Equipment	31,365	24,222	20,049
Components			
Batteries, Dry, not Flashlight	3,988	4,080	3,055
Crystal Diodes & Transistors	7,778	9,148	15,969
Receiving Tubes	17,859	14,671	14,382
TV Camera Tubes	1,715	1,682	1,468
TV Picture Tubes	14,683	13,757	21,308
Cathode Ray Tubes	785	889	2,086
Tube Parts	4,198	4,987	6,797
X-Ray Tubes & Valves	1,449	1,350	1,349
Tubes, nec.[b]	12,787	13,340	18,056
Capacitors, Electronic	5,400	6,102	7,570
Resistors, Electronic	3,840	4,175	5,380
Inductors, Electronic	4,496	3,970	4,092
Transformers, Instrument	1,675	1,276	1,142
Transformers, Specialty	2,375	2,713	2,611
Loudspeakers, Electronic	2,171	2,137	1,645
Wire & Cable, Comm. & Signal	5,630	9,722	5,922
Consumer Electronics			
Automobile Radios	1,889	1,782	1,396
Radio-Phonographs	1,367	917	515
Radios, Home	5,063	4,086	2,861
Radio Receiver Chassis, Home	896	935	829
TV Receivers	20,234	17,631	14,760
TV Receiver Chassis	4,802	2,901	3,968
Phonographs, except Coin-Operated	3,087	3,108	2,355
Phonographs, Coin-Operated, new	11,668	11,020	10,535
Phonographs, Coin, except new	2,609	2,144	2,026
Phonograph Parts	6,637	6,864	5,687
Organs, Electric & Electronic	2,385	3,656	5,135
Medical & X-Ray			
X-Ray Apparatus	8,172	6,524	7,352
Diagnostic Instruments	5,457	5,069	5,544
Hearing Devices	4,383	5,370	5,479
Therapeutic Apparatus, Electrical	826	906	912
Test & Measuring Instruments			
Signal Generators	4,236	4,651	6,041
Waveform Measuring or Test	5,432	7,623	11,614
Test Instruments & Parts	12,453	16,955	18,408
Meters, Integrating	1,619	1,499	1,582
Quantity Indicators, Electrical	3,543	3,289	4,005
Quantity Recorders, Electrical	1,399	1,740	3,057
Industrial Indicators & Recorders	45,996	46,345	54,759
Indicating Recorders & Controllers	16,078	19,417	22,186
Other Equipment			
Electronic Equipt. & Parts	31,792	38,613	44,001
Detection & Navigation, nec.[b]	44,175	44,316	49,620
Aircraft Flight Instruments, nec.[b]	15,185	17,669	27,583
Amplifiers, Audio, & Systems	3,377	3,317	2,799
Amplifiers, except Audio	1,293	1,172	1,695
Beacon Transmitters	1,043	1,493	910
Computers & Related Equipment	14,883	17,055	38,780
Computer Parts & Tape	2,743	5,820	9,019
Geophysical & Prospecting	22,391	18,089	18,898
Motor Controls, Special	6,479	5,657	5,539
Nuclear Radiation Instruments	3,081	4,631	7,149
Process Control Systems, Electronic	432	965	393
Recorders, Disc, Tape & Wire	12,187	10,986	12,964

(a) Source: Report No. FT 410, U.S. Department of Commerce, Bureau of the Census (b) Most FT410 categories are labeled nec. (for "not elsewhere classified"). Only the "special" categories in which military equipment are generally placed are labeled in this table (c) Sum of individual monthly figures

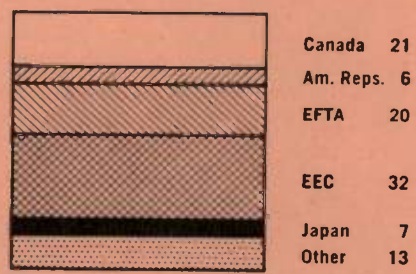
Exports from U.S.



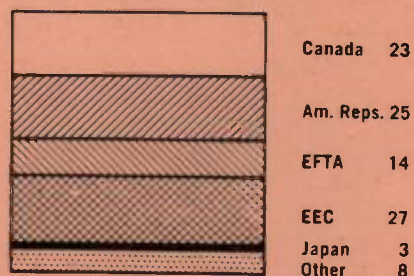
Broadcast Equipment



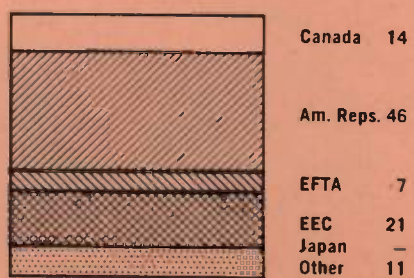
Instruments



Components



Radio-Phono-TV



Military and Government Procurement Guide

Comprehensive listing of the military and government agencies which purchase electronic components, systems and supplies, or which initiate proposals for new equipment. Methods of selling to the government are summarized

MILITARY AND GOVERNMENT equipment and services are normally purchased by competitive methods. Contractors who want to do business with the government should make sure that their names are placed on bidders lists at the agencies most likely to require the products or services the contractor can sell.

Equipment in production is generally purchased through formal advertising and bidding. The purchasing office sends invitations for bids to companies listed on its bidders list for the item desired. After bids are received and opened, the agency will award the contract to the most advantageous bid received from competent companies. Or, the agency can reject all bids.

Negotiated bids are frequently used in the procurement of research and development, or for experimental equipment. The agency negotiates with qualified suppliers without formal advertising for bids. Price quotations or proposals are sought from a selected number of companies on the agency's bidders list.

In some cases, the invitations to bid or request for proposals will specify that the item to be purchased be on a Qualified Products List. This means that only previously approved items will be considered. QPL's avoid long delays in delivery by assuring before the contract is awarded that the item will be satisfactory. If the specification applying to a product requires qualification tests, the manufacturer should seek approval immediately. This will clear the way for bidding and prevent delays that would probably mean loss of contract opportunities.

There are several ways of determining which bidders lists to apply for and to locate other sales opportunities. One is to study the listings in this directory or in the various procurement directories published by the government.

Another method is to contact the Business Service Centers of the General Services Administration. GSA Centers are located in Atlanta, Boston, Chicago, Dallas, Denver, Fort Worth, Kansas City (Missouri), Los Angeles, New York, Portland, San Francisco, Seattle and Washington, D. C. GSA is the purchasing agent for many standard items and supplies used by government agencies, including altimeters, batteries, chemicals, control boards, data processing machines, electrical supplies, components, hardware, recording equipment, teletype and facsimile equipment.

Advice and assistance on government contracting is available to small businesses (under 500 employees) at the Small Business Administration offices, located in most cities. Military departments also station small business advisors at their principal procurement offices. SBA officers can help arrange loans when a contractor needs funds to carry out a government contract.

Information on bids sought by government agencies, and notifications that a Qualified Products List is to be established, are published in *Synopsis of United States Government Proposed Procurement, Sales and Contract Awards*. It can also be used for subcontracting leads, since major contract awards are listed weekly. Subscriptions, $10 a year, or $28 a year for airmail delivery, can be purchased from the U. S. Department of Commerce, Administrative Service Office, Room 1300, 433 West Van Buren Street, Chicago 7, Illinois.

Contracts stipulating a fixed price usually result from advertised bid contract awards. These contracts may also result from negotiated bids. In both cases, they may contain price redetermination provisions. Cost-plus-fixed-fee contracts are awarded when production or service costs cannot be accurately estimated in advance. Cost-plus-percentage contracts are illegal. Letter contracts, authorizing a contractor to begin work, are awarded when negotiations have not been completed and need is urgent.

Value engineering programs have been developed by the military departments to encourage contractors to reduce production costs. Costs can be reduced by simplifications in equipment design, production methods or other suitable means. In many cases, these programs have resulted in substantial savings to the purchasing agency and better profits for the contractor. Incentive clauses may be included in fixed-fee, cost-plus and performance incentive type contracts.

Details on the many regulations and instructions concerning military contracting are contained in the *Armed Services Procurement Regulations*. A new edition of the regulations, bringing the 1955 edition up to date, was printed in 1960 by the United States Government Printing Office, Division of Public Documents, Washington 25, D. C. It is being sold on a subscription basis; all revisions will be sent to subscribers as they are issued. The price is $18, plus $4.50 for foreign mailing.

Other helpful publications, all available through the Superintendent of Documents, include (prices may be changed as new editions are issued): *How to Sell to Agencies within the Department of Defense*, 40¢; *U. S. Government Purchasing and Specifications Directory*, 60¢; *Military Manual for Qualified Products List*, 25¢. The Superintendent of Documents, U. S. Department of Commerce, Washington 25, D. C., issues at no charge *Selected Publications*, listing a wide variety of publications available.

The various military departments print and send on request pamphlets and brochures explaining their organization, procurement methods and bases, and other information of interest to manufacturers and research organizations. Some of the free publications on research and development are: *Research and Development in the U. S. Air Force*, from Air Research and Development Command; *Research and Development in the U. S. Army*, from Chief, Research and Development, Department of the Army, Attn: Technical Liaison Office, Washington 25, D. C.; *The Office of Naval Research Program*, from Office of Naval Research, Department of the Navy, Washington 25, D. C.

Guided Missile Information, listing contractors and principal subcontractors, is available from the Central Military Procurement Information Office, Department of Defense, The Pentagon, Washington 25, D. C. This office can also be contacted by companies seeking further information on where to sell products.

Other literature, information on subcontracting opportunities, or lists of government contract awards can be obtained at local offices of the Small Business Administration.

Users of this directory should note that military procurement or contracting officers are rotated in their duty assignments the same as other military officers. The names given were correct at or shortly before press time, but some may not be correct now. To avoid any delay in delivery that might be caused by changes in assignment, letters should be addressed merely to the Commanding Officer, Officer in Charge, Contracting Officer, or other title rather than to a specific person. Phone extensions and civilian personnel are less likely to be changed.

AIR FORCE

United States Air Force Air Materiel Command

Headquarters, AMC
Wright-Patterson Air Force Base, Ohio, Clearwater 3-7111, Dayton, Ohio
Director of procurement and production: Brig. Gen. R. G. Ruegg, ext. 70100; Small business advisor: M. L. Johnson, ext. 53217

Major procurement responsibility: Air Force aircraft, missiles, electronic systems and their supporting equipment, anywhere in the world. Headquarters, AMC, has responsibility for all policy and procedure implementation for procurement and production.

Contract Management Regions and Air Procurement District Offices

Contract management regions and their subordinate air procurement districts are engaged in the management of contracts after they have been awarded by the Air Force. However, their small business offices furnish information to industry. Information on AMC procurement needs, procurement offices and subcontracting opportunities is maintained at these offices. APDs and their subordinate air procurement offices are the proper initial point of contact for all concerns interested in doing business with the Air Force. Interested manufacturers should first visit the nearest APD or APO before attempting to contact the AMAs, centers and depots. If they do not, they will be redirected to the APD or APO. APDs and APOs do no buying themselves. Addresses, phone numbers and small business offices are:

Eastern Contract Management Region
Olmsted Air Force Base, Pennsylvania, Whitney 4-5521
R. A. Macmillan, ext. 72233

Central Contract Management Region
Wright-Patterson Air Force Base, Ohio, Clearwater 3-7111
J. H. Lammert, ext. 53231

Western Contract Management Region
Mira Loma Air Force Station, California, Overland 55211, Riverside, Calif.
E. L. Harris, Jr., ext. 420

Cleveland Air Procurement District
113 St. Clair Ave., N. E., Cleveland 14, Ohio, Cherry 1-7900
R. W. Livingston, ext. 228

Dayton Air Procurement District
Building 70, Area "C", Wright-Patterson AFB, Ohio, Clearwater 3-7111
P. E. Birkhold, ext. 50100

Cincinnati Air Procurement Office
Swift Building, 230 East 9th Street, Cincinnati, Ohio, Dunbar 1-2200
C. R. Methena, ext. 1241

Detroit Air Procurement District
6233 Concord Avenue, Detroit 11, Michigan, Walnut 1-4721
H. E. McGowan, ext. 143

Grand Rapids Air Procurement Office
4th Floor, Helmer Bldg., 21 Ottawa Avenue, Grand Rapids 2, Michigan, Glendale 9-8251
J. A. Barney

Indianapolis Air Procurement District
1112 North Pennsylvania Street, Indianapolis 2, Indiana, Melrose 2-1551
W. L. Bayt, ext. 524, 269

South Bend Air Procurement Office
521 North Eclipse Place, South Bend, Indiana, Central 3-2101
E. J. Koehler

Chicago Air Procurement District
5555 South Archer Avenue, Chicago 38, Illinois, Reliance 5-3000
V. J. Ripp, ext. 378, 379

Milwaukee Air Procurement District
770 North Plankinton Avenue, Milwaukee 3, Wisconsin, Broadway 2-4093
R. H. Leitch, ext. 40

Minneapolis Air Procurement Office
2908 Colfax Avenue, S., Minneapolis 8, Minnesota, Federal 9-3612
R. T. Schumacher, ext. 372

Dallas Air Procurement District
500 South Ervay, Dallas 1, Texas,
Riverside 9-5611
G. R. Phillips, ext. 2388

St. Louis Air Procurement District
1114 Market Street, St. Louis 1, Missouri,
Main 1-8100
K. E. Kichline, ext. 2330

Wichita Air Procurement Office
820 West Second Street, Wichita 1, Kansas,
Amherst 7-0211
M. A. Howard

Kansas City Air Procurement Office
601 Hardesty Street, Kansas City 24, Missouri,
Chestnut 1-7900
F. H. Whiteley

Atlanta Air Procurement District
41 Exchange Place, S.E., Atlanta 3, Georgia,
Jackson 2-4121
T. W. Turbiville, Jr., ext. 580

Boston Air Procurement District
Boston Army Base, Boston 10, Massachusetts,
Liberty 2-6000
E. J. Fitzgerald, ext. 887, 886

Newark Air Procurement District
218 Market Street, Newark 2, New Jersey,
Mitchell 3-3434
V. J. Farrell, ext. 125

New York Air Procurement District
141 East 16th Street, New York 3, New York,
Spring 7-4200
W. V. Gould, Jr., ext. 690

Orlando Air Procurement District
Orlando Air Force Base, Florida, Garden 3-0561
D. A. Long, Jr., ext. 568

Rochester Air Procurement District
20 Symington Place, P.O. Box 1669, Rochester 3, New York, Fairview 8-7670
H. B. Huntington, ext. 60

Philadephia Air Procurement District
1411 Walnut Street, Philadelphia 2,
Pennsylvania, Locust 7-3886
J. A. Walter, ext. 257

Richmond Air Procurement District
Post Office Box 8868, Richmond 25, Virginia,
Belmont 3-9861
F. T. Fitzhugh

Los Angeles Air Procurement District
1206 South Maple Avenue, Los Angeles 15,
California, Richmond 9-4711
G. J. Byrnes, ext. 582

Ogden Air Procurement District
Hill AFB, Utah, Taylor 5-5215
W. A. Thornock, ext. 5225

Phoenix Air Procurement District
2875 Sky Harbor Boulevard, Phoenix, Arizona,
Bridge 5-5431
J. W. Gaskins, ext. 57

San Diego Air Procurement District
3054 Rosecrans Place, San Diego 10,
California, Academy 2-0541
R. Downing, ext. 36

San Francisco Air Procurement District
Oakland Army Terminal, Oakland 14,
California, Twinoaks 3-4100
R. E. Quinn, ext. 3197, 3198

Air Materiel Areas

San Bernardino Air Materiel Area
Norton Air Force Base, California,
Turner 9-4411
Chief procurement officer: Col. F. V. Genetti, ext. 22105; procurement officers for electronics: David Miller, ext. 27126, for electronic support for guidance systems, and Arnita Twibell, ext. 22243, for base procurement electronic items; small business advisor: W. J. Dunkerley, ext. 6202

Major procurement responsibility: prime logistic support for Atlas, Thor and Titan, and C-124 and C-133 missile-transporting aircraft. For these weapons systems, it purchases spare parts, modification kits, technical data (including printed data for worldwide distribution), and contractors' services for modification, repair and overhaul of complete aircraft and major components of missiles. Electronic equipment procured by this office: electronic support for guidance systems on the missiles (SM 65, SM 68, SM 75) and base procurement electronic items. Electronic services procured include depot overhaul, repair, modification and installation on the missiles.

Warner Robins Air Materiel Area
Robins Air Force Base, Georgia, Walker 6-2981
Director of procurement and production: Colonel T. O. Lawton, Jr., procurement officers for electronics: chief, armament division: R. W. Hunter, Walker 6-3032; chief, aircraft and missiles division: J. W. Fletcher, Walker 6-2251; small business advisor: T. B. Fowler, Walker 6-3433

Major procurement responsibility: airframe structural components and modification kits for B-57, C-47, C-54, C-117, C-118, C-130; guided missile components and modification kits for Matador-Mace; replacement spares and kits for airborne fire control and bombing systems; bearings; metalworking and woodworking machinery and equipment; and contractual maintenance and modification services for support of commodities and equipment listed. Electronic equipment procured by this office: Mr. Hunter procures aircraft gunnery and bombing fire control components and replenishment spare parts, modification kits and data in support of the components; Mr. Fletcher procures replacement spares and kits for electronic portions of Matador-Mace. Electronic services procured by this office: Mr. Hunter procures services for modification, overhaul and repair of aircraft gunnery and bombing fire-control components; Mr. Fletcher procures services for modification, maintenance and overhaul of electronic portions of Matador-Mace.

Headquarters, Mobile Air Materiel Area
Brookley Air Force Base, Alabama, Hemlock 8-6011, ext. 5201
Chief procurement officer: Col. D. A. Olson, ext. 5281; procurement officer for electronics: Lt. Col. W. M. Weddle, ext. 4291; small business advisor: Louis McKean, ext. 6141

Major procurement responsibility: procurement of electronic items arises only from MOAMA's providing support for the Eastern Ground Electronics Engineering Installation Agency (GEEIA) Region. Electronic equipment procured by this office: miscellaneous telephone parts and electronic equipment, radar towers, antenna, cable, radio and radar parts and complete engineering systems, electronic multicouplers, switchboard equipment, electronic fire-fighting equipment, microwave systems, telephone pole installation, cable splicing, house cable wiring, relocation of control towers, guard reporting system, radar course directing system, and cable distribution and dispersal systems. Electronic services procured by this office: leased telephone, engineering, engineering design, microwave maintenance, radar set testing, rehabilitation and pressurization of cables, public address and count-down systems, weather reporting systems, storm guys, transmitter systems, maintenance expediter systems, automatic weather devices, balancing, loading and termination of cable facility, cable communication lines, tower foundations, manual and dial telephone system, telemetry antennae, and intercommunication system and headset assemblies.

Sacramento Air Materiel Area
McClellan Air Force Base, California,
Wabash 2-1511
Director of procurement and production: Col. John R. Coolidge, ext. 3142; procurement officer for electronics: James Finch, ext. 3222, for service-type contracts with GEEIA; small business advisor: Thomas Spence, ext. 5112.

Major procurement responsibility: none involving electronics except procurement of electronic services in support of Western and Pacific GEEIA regions. Electronic services procured by this office: engineering design, maintenance and installation of electronic equipment, such as radio, radar, telephone and communications systems for the Western and Pacific GEEIA Regions.

Rome Air Materiel Area
Griffiss Air Force Base, New York,
Rome FF6-3200
Director of procurement and production: Colonel R. V. Kirkland, ext. 3120; directorate of procurement and production: Lt. Col. R. A. Ryden, technical director, ext. 3120; Lt. Col. C. R. Wilcox, chief, plans and management division, ext. 4200; small business advisors: J. Dulberg, directorate of procurement and production, ext. 74205; and L. J. Vassolo, U.S. Small Business Administration representative, Griffiss AFB, ext. 74205.

Major procurement responsibility: Electronic ground support equipment. Electronic equipment procured by this office (with names and titles of chiefs in directorate of procurement and production responsible for each group): electrical hardware, lighting, batteries, cable, sensitized film and chemicals, electronic components, technical data, maintenance of equipment and systems, C. L. Foster, chief, equipment support division, ext. 71222; telephone and telegraph equipment, ground radio, navigation radar; B. R. Bluthart, chief, communications navigation systems division, ext. 71130; Radar systems, radar and ground data link computers; D. Schroeder, chief, radar systems division, ext. 71120; all supplies for support of Griffiss AFB and surrounding dependent stations; Maj. H. M. Pryor, chief, base procurement division, ext. 4211.

Middletown Air Materiel Area
Olmsted Air Force Base, Pennsylvania,
Whitney 4-5521
Chief procurement officer: Maj. W. A. Burdick, ext. 71100; procurement officers for electronics: Captain R. I. Pepper, ext. 3152, services, and R. L. Kline, ext. 4218, items; small business advisor: William Lines, Jr., ext. 72233

Major procurement responsibility: services and materials for instruments and instrument systems. Electronic equipment procured by this office: air data computer systems, astro navigational systems, automatic pilot systems and other instrumentation. Electronic services procured by this office: services in support of items listed.

Headquarters, Oklahoma City Air Materiel Area
Tinker Air Force Base, Oklahoma,
Pershing 2-7321
Chief procurement officer: Col. S. P. Dillon, ext. 3900; procurement officers for electronics: J. M. Whitfield, Tinker Air Force Base purchases, ext. 3424, and John Turner, Central GEEIA Region purchases, ext. 3441; small business advisor: H. W. Ray, ext. 2601

Major procurement responsibility: B-52, B-47, B-29, B-50, KC-97, and KC-135 aircraft procurement; GAM-72 and GAM-77 missile procurement. Electronic equipment procured by this office: in support of Central GEEIA Region, base procurement electronic items and special projects.

Air Force Depots

(Only one of AMC's three depots engage in procurement activities.)

Dayton Air Force Depot,
Attn: MDP Gentile Air Force Station,
Dayton 20, Ohio, Clearwater 2-6551
Chief procurement officer: director of procurement and production: Col. R. L. Salzarulo, ext. 25107, 25205; procurement officers for electronics: Maj. H. M. Selmanovitz, chief equipment division (electronic-countermeasures, contract maintenance, commercial test equipment and military test equipment), ext. 22200; Maj. F. J. Eisert, chief, electrical components (tubes, resistors, capacitors, spare parts and potentiometers), ext. 22121; W. R. Lanum, chief, electrical components division (connectors, switches, transformers, coils, relays and insulators), ext. 29115; small business specialist: N. A. Hess, ext. 26218

Major procurement responsibility: replacement airborne electronic equipment, test and calibration equipment. Electronic equipment procured by this office: airborne radio, navigational radar, electronic countermeasures, test equipment, and common electronics spare parts for 32 Federal Supply Classes totaling 369,000 electronic items. Included are capacitors, coils and transformers, resistors, transistors, switches, circuit breakers, terminals, maintenance parts, electron tubes and related items, measuring tools, inspection gages, radio and television communication equipment, airborne crystals, fuses and lightning arrestors, meteorological equipment, and antenna wave guides and related equipment. Electronic services procured by this office: contractual maintenance of assigned equipment.

Other functions of interest to electronic manufacturers or laboratories: (1) functions as the USAF Technical Management Agency for electrical, electronic, electro-mechanical and dimensional standards; includes certification of mass, motion, time and energy standards for Air Materiel Areas which in turn certify operating AF base standards; (2) is the specialized repair activity for the stabilized platforms, accelerometers, and gyros of inertial guidance systems; (3) the engineering organization develops, tests and implements work methods and shop techniques for crystal fabrication, accomplishes preproduction sampling, inspection and approval of crystal production by AF contractors, and provides technical advice and assistance to both organic and contractor facilities; (4) makes quartz crystals on an emergency basis for Air Force requirements.

Other Air Materiel Command Installations

Directorate of Procurement and Production
Hq Air Materiel Force, European Area, APO 10, New York, New York (overseas phone)

Chief procurement officer: Lt. Col. Lester L. Stone, ext. 2567; procurement officer for electronics: Maj. R. E. Strasburg, ext. 3468

Major procurement responsibility: aircraft maintenance. Electronic services procured by this office: electrical services peculiar to fighter and cargo aircraft.

Procurement Division, EWMPT
Bldg. 120, Area C
Wright-Patterson AFB, Ohio, Clearwater 3-7111

Chief procurement officer: R. E. Gantz, ext. 71135; procurement officer for electronics: R. E. Wolf, 69232

Major procurement responsibility: support of 2750th Air Base Wing and its tenant units. Electronic equipment procured by this office: maintains all test equipment and computers for Wright Air Development Division, data system equipment and intelligence unit computers.

Consumer electronics items sold at air bases are purchased through the Army and Air Force Exchange Services listed under United States Army. The exchanges may also purchase items independently. Medical equipment in general use in the services are purchased through the Military Medical Supply Agency, listed under United States Navy. In addition, each of the individual Air Force bases may purchase such electronic equipment as replacement parts, recorders, intercommunication equipment, etc.

Air Materiel Command Centers

AMC Aeronautical Systems Center
Wright-Patterson Air Force Base, Ohio, Clearwater 3-7111

Chief procurement officer: Maj. Gen. W. A. Davis, commander, ext. 27214, 20114; small business advisor: G. S. Rattenbury, ext. 23222

Weapons guidance division—chief: Col. L. T. David, LMEG, ext. 24234-31395: deputy chief: J. L. Wilson; chief, office of the procurement assistant: W. J. Gerend, LMEG-1, ext. 25235-36288; chief, contract review office: M. K. Welch, LMEG-2, ext. 26108; office of the production assistant: Carlos Stanley, LMEG-3, ext. 25235-36288; office of the engineering assistant: Oscar Boonshoft, LMEG-4, ext. 31395-29244; chief, electronic warfare office: Lt. Col. F. R. Lindberg, LMEG-M, ext. 38118-33185; chief, flight control and guidance branch: M. G. Bracht, LMEG-A, ext. 36134; chief, electronic countermeasures branch: D. C. Jones, LMEG-E, ext. 35180-28133; chief, fire control branch: R. E. Meyers, Jr., LMEG-F, ext. 33241; chief, bombing navigation systems branch: Curt Barger, LMEG-N, ext. 22110-21210

Communications and reconnaissance division—chief: Col. E. N. Odell, LMEC, ext. 20222-33118; deputy: K. G. Springen; procurement assistant: E. H. Hermes, LMEC-1, ext. 33172-37207; contract review office: B. J. Bayer, LMEC-2, ext. 37116; production assistant: Wayne Hardy, LMEC-3, ext. 27100-24169; engineering assistant: G. W. Lindsay, LMEC-4, ext. 27100-24169; chief, aerial reconnaissance branch: J. P. Morgan, LMEC-A, ext. 20127; chief, communications branch: C. L. Miller, LMEC-C, ext. 23208; chief, data link/IFF branch: R. D. Frost, LMEC-D, ext. 26117-37115; chief, ground photographic branch, E. P. Guinn, LMEC-G, ext. 24265; chief navigation branch: E. W. Kirchner, LMEC-N, ext. 26227-33202

Accessories division—chief: Col. C. E. Tootle, LMEA, ext. 28214-31378; deputy chief, procurement and production office: R. T. Lawrance, ext. 28214-27103; chief, procurement and production office: H. L. Gross, LMEAI, ext. 22117-35172

Major procurement responsibilities are: aircraft, missiles, targets, autopilots, airborne radio and radar, fire control systems, training devices, initial spare parts, ground support equipment, research and development, and service tests of equipment. Electronic equipment procured by this office: communications, navigation, flight control and guidance, fire control and bombing navigation.

AMC Ballistic Missiles Center
Air Force Unit Post Office, Los Angeles 45, California, Orchard 0-1444, Spring 6-1444

Chief procurement officer: Maj. Gen. T. P. Gerrity, commander; small business officer: Roy Watkins, ext. 1006

Procurement officers for electronics—deputy commander for weapons system procurement: Col. Henry H. Harlow; director of subsystems: Col. J. P. Gibbons; chief, inertial guidance section: Lt. Col. Robert Cline; chief, radio guidance branch: Lt. Col. Arthur Frankel

Major procurement responsibility: procurement, production and logistic planning of Air Force ballistic missiles and space and satellite weapons systems, including airframe, propulsion, guidance systems, reentry vehicles, communications, ground support equipment and other components in support of weapons systems. Electronic equipment procured by this office: items used throughout ballistic missiles, satellites and space vehicles. This office also procures certain equipment and components used in the space programs sponsored by the National Aeronautics and Space Administration (NASA) and the Advanced Research Projects Agency (ARPA). Electronic services are procured as needed.

AMC Electronic Systems Center
L. G. Hanscom Field, Massachusetts, Crestview 4-6100, ext. 2843, 2844, 2845, 2846

Dir. of proc. and production: Col. W. A. Bennett, Jr., ext. 2843, 2844; small business advisor: J. F. Condon, Jr., ext. 2244

Major procurement responsibility: ground electronics and communications systems contracting. Procurement responsibility for assigned systems includes feasibility study, development of systems and subsystems, management services, systems engineering, systems integration, service tests, initial spares, and maintenance and operation services reuired for acquisition of an operational system. Equipment is procured whenever specifications are not available, there is no previous procurement experience, or (in the case of items normally assigned to the inventory manager) when operational deadline dates cannot be met and it is decided that this center should procure the item.

USAF Air Research and Development Command

ARDC procures basic research, applied research and development through its 10 research, development, and test centers. Requirements differ widely from the production or supply requirements of the Air Force. Drawings, specifications, and sample items generally are not available. Qualitative requirements frequently are mere descriptions of desired results and many projects consist of theoretical or experimental studies.

Individuals, educational institutions, non-profit organizations, and industrial firms with research and development capabilities are invited to contact Headquarters, Air Research and Development Command, Attention: RDMKS, Andrews Air Force Base, Washington 25, D. C., who will advise them as to which centers should be contacted.

Each ARDC center has its own particular fields of interest in research and development. Their procurement offices maintain specialized source files which list industrial and scientific organizations qualified to participate in projects assigned to the center. Source files also contain the names of potential suppliers for specialized test support equipment. Persons and organizations interested in participating should obtain ARDC source forms (ARDC Form 220) from Headquarters ARDC, Attention: RDMKS, or from any ARDC center. Forms should be completed and returned to Headquarters ARDC for dissemination to the proper ARDC centers.

To obtain complete and detailed information concerning ARDC procurement a personal call or visit to a contractor relations or small business office at Headquarters ARDC or at an ARDC center is appropriate. The contractor relations office is the initial contact for all potential and new contractors. After initial contact and discussion have been completed with that office, further appointments may be made with responsible technical personnel. Contractors should arrange by telephone or letter for definite appointments whenever possible to avoid delay.

Inventions should be submitted to the National Inventors Council. They will be evaluated to determine if any of the armed forces, other government agencies, or industry can use the invention.

Proposals for research and development, considered to be of interest to ARDC, may be sent to the director of procurement at the ARDC division or center having primary interest, to one of the several ARDC regional offices, or to Headquarters Air Research and Development Command, Attn: RDMK-5, Andrews AFB, Washington 25, D. C.

The following directors of procurement (Dir. of Proc.) are recommended procurement contacts at the various ARDC centers. Letters following names are mail symbols.

Headquarters Air Research and Development Command
Andrews Air Force Base, Maryland, Redwood 5-8900

Dir. of Proc.: Col. J. D. Prodgers, RDMK; exec. for small business: J. C. Eiden, RDMK-2, ext. 81104; assis. for proc. sources: L. E. Olson, RDMKS, ext. 8511

Air Force Office of Scientific Research
Washington 25, D. C., Lincoln 6-5650
Dir. of proc.: Lt. Col. A. L. Thayer, SRK; small business specialist and contractor relations and sources: S. Milnovsky, SRKF, ext. 281

Center interests are: aeronautical sciences, including combustion dynamics, mechanics and mathematics; bio-sciences, including behavioral sciences and aeromedical research; material sciences, including chemistry and solid state sciences; physical sciences, including physics and nuclear physics.

Air Force Flight Test Center
Edwards Air Force Base, California,
Clifford 8-2111
Dir. of proc.: Lt. Col. J. M. Venable, FTK; small business specialist: E. E. Peterson, FTBK, ext. 27361; contractor relations and sources: J. L. Thompson, FTKSA, ext. 29431

Center interests: new aircraft systems, research aircraft systems, research aircraft, aircraft components, flight test instrumentation, rocket propulsion and parachutes.

Air Force Special Weapons Center
Kirtland Air Force Base, New Mexico,
Chapel 7-1711
Dir. of proc.: Lt. Col. P. M. Packard, SWK; small business specialist: M. H. Nickerson, SWKSB, ext. 3966; contractor relations and sources: Frank Stewart, SWKSR, ext. 2093

Center interests are: research, development, test, and evaluation of Air Force components of equipment related to atomic weapons.

Air Force Missile Test Center
Patrick Air Force Base, Florida, Ulysses 7-6151
Dir. of proc.: Col. P. Cornwall, MTK; small business specialist and contractor relations and sources: Richard McCoy, MTKSA, Ulysses 7-6151

Center interests are: test range instrumentation involving radar, trajectory computers and recorders, tracking and target analysis, wire communications, radio communications, programming timing and firing systems, telemetry receiving, data storage, data separation and presentation, optics, and telemetry data reduction.

Air Force Command and Control Development Division
L. G. Hanscom Field, Massachusetts,
Crestview 4-6100
Dir. of proc.: William Irwin, CCK; small business specialist and contractor relations and sources: John Condon, CCKS, Ext. 2244

Center interests are: geophysics, electronics, and human engineering.

Rome Air Development Center
Griffiss Air Force Base, New York, Rome 3200
Dir. of proc.: Col. H. Burhanna, RCK; small business specialist and contractor relations and sources: John Vella, RCKS, Ext. 5220; control and guidance contract division chief: R. I. Margrey, RCKL, Ext. 75110; communications and electronics contract division chief: C. C. Hays, RCKU, Ext. 2234; intelligence and electronic warfare contract division chief: A. B. Mario, RCKW, Ext. 4122

Center interests are: Radar, communications, navigation, electronic warfare, intelligence, support equipment for radar and communications, specialized support, including human engineering and technical writing, guided missile, including aerodynamics and ballistic guidance control, handling and launching and propulsion.

Wright Air Development Division
Wright-Patterson Air Force Base, Ohio,
Clearwater 3-7111
Dir. of proc.: Lt. Col. T. Watkins, WWK; small business specialist: Larry Grier, WWKA, Ext. 38216; contractor relations and sources: Miss B. J. Weisbrod, WWKAR, Ext. 39250; chief, electronics branch, contract division: Maj. P. Ferryman, WWCKE, Ext. 25133

Center interests are: guidance systems for aircraft and missiles, etc., flight control, propellers and rotors, testing, including aerodynamic structural and environmental tests; powerplants, ground equipment, aeromedical equipment (aerial reconnaissance), airborne equipment, aeromedical equipment, human factors research, airborne electronics equipment, materials, aeronautical science research, including chemistry, mathematics, physics, fluid dynamics, mechanics, and system dynamics; aircraft and missile systems; aerodynamics, including instrumentation, instruments, structure, design, dynamics control, and propulsion.

San Antonio Research and Development Procurement Office (Div. of WADD)
Post Office Box 63, Lackland Air Force Base, Texas, Walnut 3-3411
Chief, W. V. Pfister, WWKL; small business specialist and contractor relations and sources: Miss W. Bell, WWKLS, Ext. 2113/2564

Personnel laboratory interests are: research into personnel resources, operator research, social sciences, aviation medicine and related problems, cold environmental research, etc.

Air Proving Ground Center
Eglin Air Force Base, Florida, Eglin 2231
Dir. of proc.: Lt. Col. Claude Duke, PGK; small business specialist and contractor relations and sources: J. V. Leftwich, PGKS, Ext. 29243

Center interests are: research, development, test and evaluation of guns and other aircraft weapons, ammunition, rockets, bombs, and fire control components and systems.

Air Force Missile Development Center
Post Office Box 393, Holloman Air Force Base, New Mexico, Granite 3-6511
Dir. of proc.: Lt. Col. J. B. Turner, MDK; small business specialist and contractor relations and sources: Durward Hathcock, MDKS, Ext. 45861

Center interests are: guided missiles—conduct of research and development of guided subsystems and components; r&d in the field of human factors, including biodynamics and space biology; execute Air Force responsibilities incident to the operation of the proving ground, including operation of special instrumentation in direct support of the center mission.

Arnold Engineering Development Center
Arnold Air Force Station, Tennessee, GL 5-2611
Dir. of proc.: J. F. Fuqua, AEK; small business specialist and contractor relations and sources: Joseph Moriarty, AEKS, Ext. 509

Center interests are: aerodynamics, research and development of power-plants related to operation and tests of air breathing propulsion systems; i.e., turbojet, ramjet and turboprop; problems associated with high temperature materials and unique mechanical, electrical and thermodynamic problems all related to the construction of large and complex engine test facilities and wind tunnels.

ARDC Regional and Liaison Offices

ARDC Regional Office
6331 Hollywood Boulevard, Los Angeles 28, California, Hollywood 7-5375
Chief: Col. L. M. Taylor; small business assistant: W. V. Stalew

Provides industrial security and technical liaison services to industry and educational institutions in the Southern California area.

ARDC Liaison Office
Ames Research Center (NASA), Moffett Field, California, Yorkshire 7-3056
Chief: Lt. Col. G. S. Brownell

Provides liaison service on technical aspects of R&D activities.

ARDC Liaison Office
1176 Los Altos Avenue, Los Altos, California, Whitecliff 8-1434
Chief: Maj. O. R. Hill

Provides R&D technical liaison service to industry and educational institutions in the San Francisco Bay area.

ARDC Liaison Office
Naval Missile Center, Point Mugu, California, Hunter 6-1681, Ext. 416
Chief: Maj. O. L. Koontz

Provides liaison service on technical aspects of R&D activities.

ARDC Liaison Office
Naval Ordnance Test Station, China Lake, California, Inyokern 5-0111, Ext. 71403
Chief: Maj. L. E. Clark

Provides liaison service on technical aspects of R&D activities.

ARDC Regional Office
c/o Department of the Navy, Room 2305, Munitions Bldg., Washington 25, D. C., Oxford 6-3594, Oxford 6-2471
Chief: Lt. Col. M. N. Abramovich; small business assistant: W. I. Grieve

Provides industrial security and technical liaison services to DOD agencies, government agencies, industry and educational institutions in the Washington, D. C. area.

ARDC Liaison Office
Naval Research Laboratory, Washington 25, D. C., Johnson 3-6600, Ext. 2266
Chief: Maj. K. A. MacAaron

Provides liaison service on technical aspects of R&D activities.

ARDC Regional Office
Room 715, La Salle Bldg., 30 South La Salle Street, Chicago 3, Illinois,
Financial 6-9181, 9182
Chief: Lt. Col. C. E. Trexler; small business assistant: D. C. Stevenson

Provides industrial security and technical liaison service to industry and educational institutions in the Chicago and surrounding area.

ARDC Liaison Office
Aberdeen Proving Ground, Bldg. No. 305, Aberdeen Proving Ground, Maryland,
Aberdeen 1000, Ext. 41287
Chief: Capt. J. P. McDonnough, Jr.

Provides liaison service on technical aspects of R&D activities.

ARDC Liaison Office
Naval Explosive Ordnance Disposal Technical Center, Indian Head, Maryland,
Riverside 3-2111, Ext. 835
Chief: Maj. W. Cameron III

Provides technical liaison service concerning development of tools and techniques for rendering safe of all types of munitions and warheads.

ARDC Liaison Office
Massachusetts Institute of Technology, 68 Albany Street, Cambridge, Massachusetts, University 4-6900, Ext. 3508, 3590
Chief: Capt. C. R. Wheaton

Provides liaison service on technical aspects of R&D activities.

ARDC Liaison Office
c/o Bell Telephone Laboratories, Whippany, New Jersey, Tucker 7-1000, Ext. 2711
Chief: Maj. J. E. Hughes

Provides liaison service on technical aspects of R&D activities.

ARDC Regional Office
346 Broadway, New York 13, New York,
Rector 2-8000, Ext. 440, 441
Chief: Col. C. N. DeGennaro; small business assistant: J. F. Stegeland

Provides industrial security and technical liaison services to industry and educational institutions in greater New York City area and adjacent portions of surrounding states.

ARDC Liaison Office
Lewis Research Center (NASA), 21000 Brookpark Road, Cleveland 35, Ohio, Orchard 1-1211
Chief (acting): Capt. W. C. Workinger

Provides liaison service on technical aspects of R&D activities.

ARDC Liaison Office
Naval Air Research and Development Activities Command, Johnsville, Pennsylvania, Osborne 5-7000, Ext. 431
Chief: Lt. Col. W. F. Kroemmelbein

Provides liaison service on technical aspects of R&D activities.

ARDC Liaison Office
Langley Research Center (NASA), Langley Air Force Base, Virginia, Park 2-7911, Ext. 21144
Chief: Capt. C. D. Bailey

Provides liaison service on technical aspects of R&D activities.

ARDC Liaison Office
c/o Boeing Airplane Company, Seattle 24, Washington, Juniper 5-5744
Chief: Lt. Col. R. L. Kendig

Provides liaison service on technical aspects of R&D activities.

ARMY

U.S Army Research and Development

The Office of the Chief of Research and Development plans, allocates, monitors, supervises or provides liaison for research and development projects. Actual work is carried out by the technical services and, with minor exceptions, the technical services award all contracts. Proposals for basic research or special activities which do not fit into the interests of the agencies listed can be addressed to:

Office of the Chief of Research and Development, Attn: Technical Liaison Office
Headquarters, Department of the Army
Washington 25, D. C.

Ideas on inventions, as contrasted to research and development, which may have military usefulness should not be sent to the Office of the Chief of Research and Development. They should be sent to:

The National Inventors Council
Department of Commerce
Washington 25, D. C.

The council will consider each suggestion or invention and send it to the proper agency for further investigation.

U.S. Army Research Office — Durham
Box CM, Duke Station, Durham, North Carolina

National headquarters for basic research supported by the Army in mathematics and physical sciences, outside of Army laboratories. Operates like a research foundation, receiving proposals and awarding contracts or grants to some after evaluation. Deals mainly with universities and non-profit institutions.

United States Army Signal Corps

U.S. Army Signal Supply Agency
225 South 18th Street, Philadelphia 3, Pennsylvania, Kingsley 6-3200
Commanding general: Brig. Gen. C. S. Hays, ext. 8000; public information office: Ted Di Renzo, ext. 8330; deputy for small business and industrial relations: E. J. O'Neill, ext. 749; deputy for stock control: J. G. Melvin, ext. 200; deputy for industrial preparedness: L. A. Kapust, ext. 300; deputy for quality assurance: Col. F. J. Coffey, ext. 600

Almost all production, industrial preparedness and field equipment maintenance contracts for Army electronics-communications equipments and supplies are placed by USASSA headquarters. The agency has four major activities: stock control—it is the national inventory control point; procurement — awards and administers contracts with business; industrial preparedness—plans with industry for mobilization preparedness; and quality assurance — assures that purchased material and equipment conforms to the Army's quality and reliability standards. Key procurement personnel are:

Deputy for procurement: Col. J. G. Bent, Jr., ext. 500; assistant deputy for procurement: S. Rabinowitz, ext. 501; assistant deputy for procurement (contracting): A. Schuster, ext. 8372

Procurement management division A: Col. R. Ransier, ext. 8076, and assistant chief, A. R. Testa, ext. 8177; commodity procurement branch A-1-2, chief: Maj. E. T. Jacobsen, ext. 8198, and assistant chief, J. W. Robinson, ext. 8197 (radio and tv equipment, radar, fuses and switches, antennas, waveguides and related equipment, insulators and electrical hardware supplies); commodity procurement branch A-3, chief: Maj. B. Fistone, ext. 8179, and assistant chief, D. Shuman, ext. 678 (relay instruments and laboratory equipment); commodity procurement branch A-3, chief: Maj B. Fistone, Pfeiffer, ext. 508, and assistant chief, R. E. Parsons, ext. 507 (recorders, reproducers, intercoms, speakers, coils, resistors and transformers)

Procurement management division B, chief: N. Creager, ext. 409, and assistant chief, M. J. Goodkin, ext. 410; electron tubes, transistors and crystals: B. Friedman, ext. 470; dry storage and thermal batteries: R. Miller, ext. 468; meteorological and photographic equipment and supplies, chief: Maj. J. H. Rogers, ext. 467, and assistant chief, Mrs. M. Regan, ext. 466; special purchases branch: L. Karafin, ext. 543; contractor assistance and misc. branch: C. Maurer, ext. 456

Procurement management division C, Lt. Col. G. P. Sunshine, ext. 8047, and assistant chief, H. Oakley, ext. 8048; telephone and telegraph equipment, wire and cable, cord assemblies and reels, chief: Maj. R. P. Schafer, ext. 482, and assistant chief, H. Walton, ext. 758; teletype and facsimile equipment, engine and transmission equipment, mounting hardware, chief: Capt. W. A. L. Clay, Jr., ext. 480, and assistant chief, F. Toscano, ext. 481; electronic missiles systems, chief: C. Fravel, ext. 739; industrial preparedness measures and facilities procurement branch: Miss L. Mizdail, ext. 8059

Procurement services division, chief: M. Wexler, ext. 453; bidders' information branch, chief: E. A. Jolley, ext. 488; contractual program coordination branch, chief: H. Loose, ext. 8340; processing branch, chief: Mrs. I. Scott, ext. 475

Midwestern Regional Office
U.S. Army Signal Supply Agency
400 South Jefferson Street, Chicago 7, Illinois, Andover 3-0234
Commanding officer: Col. T. W. Gilman, ext. 101; small business specialist: E. Wack, ext. 106; procurement division chief: Maj. T. J. O'Neill, ext. 240, and assistant chief, J. E. Nylin, ext. 241; procurement management branch A (see USASSA), chief: L. Sirt, ext. 220; procurement management branch B, chief: V. Fak, ext. 254; procurement management branch C, chief: H. Touhey, ext. 250; procurement spec. group, chief: J. Fijolek, ext. 223; quality assurance division chief: G. E. Schreck, ext. 140; industrial preparedness, chief: F. D. Temple, ext. 271; packaging division, chief: J. Papian, ext. 135

This office has sole procurement responsibility for approximately 100,000 items of communications and electronics equipment covering 23 major commodity groups, including telephone, teletype, electrical components and hardware, antennas, photographic equipment and supplies, meteorological equipment, waveguides and related equipment. It is responsible for contract administration, industrial preparedness and quality assurance activities for an area of 20 states. It maintains a display of all bid solicitations generated at headquarters, USASSA, and other Signal Corps purchasing facilities

Western Regional Office
U.S. Army Signal Supply Agency
125 South Grand Avenue, Pasadena 2, California, Sycamore 6-0471
Commanding officer: Col. B. R. Painter, ext. 664-665; civilian executive assistant and small business specialist: A. A. Scarpa, ext. 650; western field office, USASIMSA, N. K. Levine, ext. 662; procurement division, chief: Lt. Col. A. T. Burke, ext. 653; contract technical branch: Capt. M. J. Sansky, ext. 678; contract administration branch, R. Weinfield, ext. 678; property branch, J. Cody, ext. 250; industrial preparedness division: Maj. G. A. Gibson, ext. 252; packaging division: M. Walrath, ext. 673; quality assurance division: P. Haynick, ext. 667-668; technical branch; J. B. Lee, ext. 671; services branch: Mrs. M. Ayer, ext. 672; Los Angeles area: E. J. Drabek, ext. 658; San Francisco area: D. Schwimmer, Jordan 1-2855

This office does not make awards. However, West Coast suppliers are urged to visit for assistance in contract clarification, guidance in getting on bidders' lists and counsel in submitting bids. A display of all current Signal Corps procurements is maintained. The office is responsible for contract administration in 11 western states, including modifications, pricing, expediting, maintenance of government property records and quality assurance

U.S. Army Electronic Proving Ground Procurement Office,
U.S. Army Signal Supply Agency
Post Office Box 748,
Fort Huachuca, Arizona, Gladstone 8-3311
Commanding officer: Lt. Col. R. E. Covington, ext. 3916; small business specialist: J. D. Horstman, ext. 2819; contracts division, chief: Lt. Col. A. Barnsbee, ext. 2817, and assistant, V. Suarez, ext. 5117; large purchases branch-cost, chief: W. Schlobohm, ext. 5518, and contracting officers, P. Davis, ext. 2815, J. Kelly, ext. 4120, J. A. Maliniak, ext. 4117, and G. Strawn, Tucson, Arizona, Axminster 4-1421, ext. 32; large purchases branch-fixed price, chief: Maj. L. S. Siegal, ext. 5013, and contracting officers, R. S. Sevy, ext. 3131, and J. F. Wild, ext. 4115; small purchases, chief: S. Kornegay, ext. 5838, and contracting officers, R. Angel, ext. 4922, and P. Marks, ext. 3918

This office does not do any production purchasing. However, it purchases electronic equipment, services and supplies required by the technical departments to carry out their mission; purchases commercial type signal equipment and supplies in support of the U. S. Army Missile Support Agency, White Sands, New Mexico, for which local procurement authority exists; places research and development contracts for communications, radar, surveillance, electrical and electronic components and related fields, and technical assistance and aircraft maintenance contracts

U.S. Army Signal Supply Agency
Washington Procurement Office
Main Navy Building, Washington 25, D. C., Oxford 6-7802
Commanding officer: Capt. C. F. Capps, ext. 67802; civilian chief: T. Palm, ext. 67802; contract administration branch: contract administrators, R. Kihm, C. Cummings, and contract specialist, R. Williamson, ext. 64044; administration branch, chief: Lt. J. S. Kramer; contract placement branch: S. Thomas, with contract specialist, J. Hensley, and procurement agent, B. Cannon, ext. 67197

This office does not place production contracts nor contracts involving military specification items. It serves agencies located at the seat of government, buying commercial communications equipment and materials, technical services, installation of fixed-plant communications equipment and equipment leases

U.S. Army Signal Supply Agency
Fort Monmouth Procurement Office
Fort Monmouth, New Jersey, Liberty 2-4000 (long distance telephone, dial 201-53 and extension; local telephone, dial 53 and extension).
Commanding officer: Col. L. M. Reiser, ext. 51115/51116; small business and industrial relations office: Miss J. Nuttall, ext. 51371; Advent procurement support office: Maj. C. W. Johnson, ext. 23963/22547; procurement specialist group: F. Corio, ext. 52244; director for procurement of technology, equipment and services: A. J. Dalton, ext. 51602; contracting officers group: Maj. W. C. Taliaferro, ext. 51964

Director for procurement of advanced electronic systems: Lt. Col. J. Doyle, ext. 52841/52461; contracting division chief, ext. 52461; systems engineering and studies branch: Maj. deCamara, ext. 51823; equipments branch: Maj. Corcoran

Procurement management division A: W. E. Swinnerton, ext. 51803/51156; surveillance research and development branch: H. J. Rockafeller, ext. 52551/51077; communications r & d branch: R. W. Sheehan, ext. 51157/51084; procurement management division B: W. Theysohn, ext. 51538/52711; equipment branch: H. Custis, ext. 52712; general purchases branch: C. J. Foley, ext. 51653

Processes prime contracts for research and development on communications, radar, surveillance, electrical and electronic components, advanced ground, air-ground and space electronics systems, meteorology and other related fields. These procurements are initiated by the U. S. Army Signal Research and Development Agency, U. S. Army Electronic Proving Ground, U. S. Army Signal Missile Support Agency, U. S. Signal Materiel Support Agency and U. S. Army Advent Management Agency. The support purchases branch processes certain electronic supply contracts for the agency, as well as housekeeping items for the U. S. Army Signal Training Command, Fort Monmouth, N. J.

Headquarters, U.S. Army Signal Research and Development Laboratory
Fort Monmouth, New Jersey, Liberty 2-4000 (long distance, dial 201-53 and extension; local, dial 53 and extension)
Commanding officer: Col. H. M. Brown, ext. 51111

Contracts for research and development are processed by USASSA's Fort Monmouth Procurement Office, as noted above. The laboratory has two industrial liaison offices to facilitate industrial, educational and individual contacts. These offices provide various industrial relations services, such as scheduling visits to technical segments of the laboratory, orienting first contact visitors on the laboratory's mission and organization, keeping industry aware of current and anticipated technical needs, coordinating evaluation of new industrial facilities, and answering inquiries concerning the laboratory's research and development. The industrial liaison engineer at Fort Monmouth is J. F. X. Mannix, ext. 52240. The assistant industrial liaison engineer for the Evans area is R. A. Kirkpatrick, ext. 61515 (dial 59-61515 for local calls and 201-59-61515 for long distance)

The laboratory plans programs and conducts continuing research in all fields of physical science leading to development and improvement of communications, radar, electronic countermeasures, data processing, radiological, meteorological, photographic, drones and other surveillance equipments, related components, and special electronic and solid state devices

U.S. Army Signal Research and Development Laboratory West Coast Office
75 South Grand Avenue, Pasadena 2, California, Sycamore 6-7411, Murray 1-8620
Acting chief: G. C. James

Provides technical liaison to the laboratory, scientific and industrial organizations, individuals and to other government agencies, in support of USASRDL research and development programs. While it initiates no procurement of equipment or services, it will assist West Coast industry in its liaison with the laboratory

Headquarters, U.S. Army Signal Materiel Support Agency
Fort Monmouth, New Jersey, Liberty 2-4000
Commanding officer: Col. H. E. Price, ext. 81111; chief engineer: J. W. Weseloh, ext. 81202

This agency performs the production engineering for the procurement officer of USASSA, but does not directly procure any equipment or materiel

U.S. Army Signal Electronic Research Unit
Post Office Box 205, Mountain View, California, Yorkshire 7-7069
Commanding officer: Lt. Col. F. P. Rosso

All purchases of equipment and contracting are made by the Fort Monmouth Procurement office of USASSA

Headquarters, U.S. Army Signal Air Defense Engineering Agency
Fort George G. Meade, Maryland
Orchard 4-7141 (Odenton, Md.)
Adjutant: Lt. C. W. Welch, ext. 6231; supply division, chief: ext. 3086/3755

Responsible for programming and management of Army air defense communication and coordination systems for the Chief Signal Officer. All electronics services and supplies are procured through USASSA, with this agency acting as the contracting officer's technical advisor. Direct procurement is limited strictly to laboratory and experimental type parts

Army Pictorial Center
35-11 35th Avenue, Long Island City 1, New York, Astoria 4-3100
Procurement office, chief: I. L. Fischmann, ext. 330/466; electronics procurement officers: Mrs. Rita Kahn, ext. 244, and Myron Morris, ext. 349

Procurement is limited to equipment used in the production of television and motion pictures

Headquarters, U.S. Army Alaska Communication System
550 Federal Office Building, Seattle 4, Washington, Mutual 2-3300
Contracting officer: ext. 296; small business advisor: K. W. Gunther, Main 4-8664

Provides long line communications services to, from and within Alaska. Procures telephone, telegraph, radio, carrier and microwave equipment and associated maintenance parts; has no requirements for special test equipment not already used in the industry

Sacramento Signal Depot Procurement Division
Sacramento 1, California, Gladstone 6-7841
Chief procurement officer: W. W. Serpa, ext. 537; procurement officers for electronics: Vernon Campbell, ext. 439, Lee Kellogg, ext. 326, Richard Glenn, ext. 430, Maxine Powers, ext. 224; Ray Hulbert, ext. 7201, and Frank Pisi, ext. 519; small business advisor: Betty J. Bacsik

Purchases commercial type electronic parts and supplies for Signal Corps equipment and all replacement parts for world-wide support of Armed Forces Radio and Television stations.

Tobyhanna Signal Depot
Tobyhanna, Pennsylvania, Twinoaks 4-8301
Chief procurement officer: Francis Rotunda, ext. 232; small business specialist: John Orrson, ext. 575

Procures services and supplies for stock and use by operating divisions of the depot. All types of electronic items and test equipment are procured. Information is available on military packaging, packing and marking

Office of the Chief Signal Officer
Signal Corps Logistics Evaluation Group
225 South 18th Street, Philadephia 3, Pennsylvania, Kingsley 6-3200
Executive secretary: Bernard Pear, ext. 580/8387

This group occasionally recommends contractual studies of interest to hardware manufacturers and management and engineering consultant firms. Such studies would be placed through the Deputy Chief of Staff for Logistics or USASSA

U.S. Army Ordnance Corps

U.S. Army Ordnance Missile Command
Redstone Arsenal, Huntsville, Alabama, Jefferson 6-4411
Commanding general: Maj. Gen. August Schomburg, ext. 876-2101; chief scientist: W. W. Carter, ext. 876-4406; assistant chief of staff for research and development: Col. S. C. Hines, ext. 876-1144; procurement division, chief: L. R. McGary, ext. 876-1096; production division, chief: R. S. Edmonds, ext. 876-4908; small business office, chief, assistant chief of staff for industrial operations: J. D. Darwin, ext. 876-5441

In charge of Army missile operations at Redstone Arsenal, Cape Canaveral and White Sands Missile Range. Has weapons system management responsibility for ballistic and guided missile systems and rockets. Executes basic research projects

U.S. Army Ordnance Ammunition Command
Joliet, Illinois, Hazel 3-5511 (Elwood, Ill.)
Procurement officer, national procurement branch: Maj. H. L. Edmonds, ext. 6125; small business advisor: G. W. Farris, ext. 2210

All original inquiries on procurement should be addressed to the national procurement branch. This branch plans and supervises procurement and production of ammunition metal parts and assigned materials to meet requirements for special weapons components, spare parts, missile and rocket components, etc. Electronic items, equipment, systems and services are procured as part of this overall program. The command operates a number of plants for manufacturing, loading, assembling and packing ammunition

U.S. Army Rocket and Guided Missile Agency
Redstone Arsenal, Huntsville, Alabama, Jefferson 6-4411
Industrial operations, procurement division, chief: Maj. J. J. Neary, ext. 876-2331, and deputy chief, M. H. Knight, ext. 876-2912; high altitude air defense systems division, chief: L. F. Chesebro, ext. 876-1702; low altitude air defense systems division, chief: L. N. Hightower, ext. 876-2448; missile target systems division, chief: J. H. Ballard, ext. 876-3507; research and development operations, director: Col. R. W. Burkett; antimissile missile and space defense projects office, chief: Lt. Col. C. C. Young, ext. 876-1340

In charge of research and development, procurement and maintenance of a variety of Army missile systems. Procurement is made through U. S. Army Ordnance Districts, except for replacement parts obtained by the industrial operations procurement division

Diamond Ordnance Fuze Laboratories
Washington 25, D.C., Emerson 2-8000
Contract and supply office, chief: G. H. Lester, ext. 7135; procurement branch, chief: F. T. Rainier; small business specialist: J. R. Amato, ext. 7135

Responsibilities include design of proximity fuzes, research and development in related sciences, development testing and industrial engineering suport for fuzes and nuclear radiation effect research. Approximately half of its funds for this work is contracted to industry

White Sands Missile Range
New Mexico
Chief procurement officer: Lt. Col. C. D. Collins, ext. 5124; electronics procurement officer: B. E. Daniel, ext. 5124; small business advisor: V. N. Cordell, ext. 26167

Procures electronic items, equipment and systems required for experimental, test, research and development programs for guided missiles and rockets

Aberdeen Proving Ground
Procurement Branch, Bldg. 305, Aberdeen Proving Ground, Maryland
Crestwood 2-4000
Chief procurement officer: J. C. Fulton, ext. 41290; procurement officers for electronics: Stanley Murdock, ext. 49197, and Grace Hosler, ext. 45208; small business advisor: A. M. Ellis, ext. 32164

Procures a wide variety of electronic items, equipment and services as required for support of ordnance proving programs. Tests all classes of ordnance equipment except guided missiles and larger rocket systems, and conducts ballistic research and weapons systems evaluation

U.S. Army Ordnance
Frankford Arsenal
Bridge and Tacony Streets, Philadelphia 37, Pennsylvania, Jefferson 5-2900
Procurement division, industrial group, deputy chief: D. W. Hood, ext. 22118; procurement and production branch, chief: James Beatty, ext. 221100; contracting and purchasing branch, deputy chief: Harry Krusch, ext. 21106; small business specialist: William Travis, Jr., ext. 7220

Responsible for development, procurement, production, industrial engineering, industrial mobilization, supply and stock control of repair part components, and maintenance of off-weapon fire control systems and on-weapon fire control components. It also has special responsibilities in standard inspection gages, measuring equipment, metallurgical research and engineering

U.S. Army Ordnance Corps
Picatinny Arsenal
Dover, New Jersey, Foxcroft 6-0701
Purchasing office, chief: R. A. Hitch, ext. 5171, and deputy chief, H. J. Allman, ext. 3211; small business specialist: Harry Stevenson, ext. 4106

Procures guidance systems for missiles

U.S. Army Ordnance Corps
Redstone Arsenal
Huntsville, Alabama, Jefferson 6-4411
Purchasing and contracting division, chief: R. E. Schrimsher, ext. 877-5911

Procurement is limited to research and development, services, materials, missile components, laboratory and photographic supplies required for on-post operations of the Army Ballistic Missiles Agency, Army Ordnance Guided Missile School, Army Ordnance Missile Command and Army Rocket and Guided Missile Agency

U.S. Army Ordnance Corps
Rock Island Arsenal
Rock Island, Illinois, Rock Island 788-8411
Contracting officer: C. E. Wagner, ext. 21214/25226, and assistant, P. H. Johnson; small business advisor: M. G. Liljegren, ext. 22136/26247

Major responsibility is diversified production, generally as subcontractor for the Air Force. Electronic items, equipment and systems procured covered most items made by the industry, but component parts are consistently the largest category. Also procures research and development and electronic testing services

U.S. Army Ordnance Districts

Supplies and services procured from industry by the U. S. Army Ordnance Corps are, as much as possible, procured on a national scale through formal advertising by the commands and arsenals. If this is not feasible, supplies are procured by the procurement districts under the procedure known as competitive negotiation. Each district office is, within its geographical region, the point of contact for persons seeking information on ordnance procurement. Invitations to bid are posted.

In addition to certain special procurement responsibilities noted after their addresses, each district procures a full range of component parts, subsystems, computers, instrumentation, telemetering equipment, systems associated with missile, tank-automotive and other ordnance equipment, electronic services, research and development, scientific projects and materials. Prospective contractors should contact their regional district for current requirements.

Birmingham Ordnance District
2120 Seventh Avenue, North, Birmingham 3, Alabama, Fairfax 3-3421
Chief procurement officer, deputy chief of operations division: C. T. Patterson, ext. 365; Army Rocket and Guided Missile Agency branch, chief: E. B. Craig, ext. 349; Army Ballistics Missile Agency branch, chief: M. E. Hawarth, ext. 394; small business representative: W. B. Mathews, ext. 384

Boston Ordnance District
Boston Army Base, Boston 10, Massachusetts, Liberty 2-6000
Commanding officer: Col. M. L. Driscoll, ext. 404/405/406; missiles and gage branch: H. R. Gibbs, ext. 506; small business specialist: W. A. Thorpe

Administers the Ordnance Corps Quality Assurance Program

Los Angeles Ordnance District
55 South Grand Avenue, Pasadena 2, California, Sycamore 6-0471, Murray 1-8471
Chief procurement officer: Col. P. H. Scordas; small business advisor: E. L. Stone, ext. 616; address procurement inquiries to program and control branch, ext. 445

New York Ordnance District
770 Broadway, New York 3, New York, Oregon 7-3030
Commanding officer and chief contracting officer: Col. J. W. Graham, ext. 280; principal contracting officer: H. C. Laskin, ext. 289; missiles branch, chief: D. R. Clark, ext. 372; Zeus branch, chief: Jerome Gorman, ext. 367; miscellaneous branch, chief: F. X. Battersby, ext. 320; small business specialist: T. M. Everett, ext. 494

Administers prime contracts for Nike-Zeus and Nike-Hercules systems and administers the Ordnance Qualitative Development Requirements Information Program

Philadelphia Ordnance District
128 North Broad Street, Philadelphia 2, Pennsylvania, Locust 8-0400
Commanding officer and contracting officer: Col. J. G. Duncan, III, ext. 500; research and development branch, chief: W. P. Lehman, ext. 604, and deputy chief and guided missile program coordinator, Harry Fruman, ext. 659; guided missile branch, chief: William O'Brien, ext. 605; small business specialist: W. J. Long, ext. 508

Chicago Ordnance District
623 South Wabash Avenue, Chicago 5, Illinois, Webster 9-6000
Commanding officer: Lt. Col. J. R. Mills, Jr.; civilian district chief: W. G. Swartchild, Jr.; small business specialist: George Vander Woude

Cincinnati Ordnance District
230 East Ninth Street, Cincinnati 2, Ohio, Dunbar 1-2200
Commanding officer: W. A. Evans; small business specialist: G. H. Wilson

Cleveland Ordnance District
1367 East Sixth Street, Cleveland 14, Ohio, Tower 1-4960
Commanding officer: Col. R. R. Caldwell; small business specialist: C. A. Newell

Detroit Ordnance District
1580 East Grand Boulevard, Detroit 11, Michigan, Walnut 3-0100
Chief procurement officer and contracting officer: Col. J. E. Johnston, ext. 268; research and development, chief: John Maxwell, ext. 268; major electronic items, chief: Lawrence Braun, ext. 543; small business specialist: C. M. Kaltwesser, ext. 307

Administers high altitude research contracts

St. Louis Ordnance District
4300 Goodfellow Boulevard, St. Louis 20, Missouri, Evergreen 2-8200
Chief procurement officer: Maj. N. L. McCartney, ext. 520; procurement officers: E. S. Crawford, ext. 520, and H. W. Nutt, ext. 656; small business advisor: G. A. Lindsay, ext. 510

San Francisco Ordnance District
Post Office Box 1829, 1515 Clay Street, Oakland 12, California, Templebar 4-4121
Commanding officer: Col. L. H. Harrison; small business specialist: F. M. Mayfield

U.S. Army Corps of Engineers

Except for specialized equipment required by its laboratories, all military supplies for the Corps of Engineers is procured by the procurement office in Chicago. District offices are maintained in the principal cities, but these generally confine their purchases to equipment needed for civil works and military construction under their jurisdiction

U.S. Army Engineer Procurement Office, Chicago
226 West Jackson Boulevard, Chicago 6, Illinois, Andover 3-3600
Address inquiries to the commanding officer; information: ext. 558; small business specialist: A. J. Zimmerman

Included in procurements made for the Army, Department of Defense and the Military Assistance Program are: electric cable, soil and asphalt laboratory sets, electric switches and transformers, circuit breakers, electric motors, surveying and reproduction equipment, mine detectors, infrared devices, and electric generator sets, frequency converters and high performance air conditioners for missiles

U.S. Army Engineer Center and Fort Belvoir Procurement Office, Bldg. NN-89, Fort Belvoir, Virginia, Edgewater 9-5500, ext. 27152/25192
Chief procurement officer: Lt. Col. J. J. Pessa, ext. 20240; small business advisor: D. L. Lilley, ext. 28253

Fort Belvoir contains the U. S. Army Engineer Research and Development Laboratories (USAERDL) and Geodesy, Intelligence and Mapping Research and Development Agency (GIMRADA).

USAERDL includes departments concerned with civil engineering and equipment, electrical and electronic equipment, mechanical equipment, military engineering and technical services. The electrical department handles infrared detection, surveillance and target acquisition; electric power equipment and sources; ground and air detection of mines and land navigation; physics research; and warfare vision, including infrared and image intensification. The military department is concerned with atomic warfare and radiological protection; infrared and radar concealment; basic research and instrumentation, etc. The service department covers materials, climatic research and testing, data processing, instrument development, etc.

GIMRADA interests include advanced technology (at Army Map Service) such as satellite mapping and geodesy; acquisition, processing, storing and retrieving intelligence information, etc. The department of topographic engineering is concerned with satellite geodesy, space photogrammetry, combat mapping, radar mapping, triangulation systems, target location equipment, electronic surveying equipment, inertial surveying, satellite ranging and direction, data display systems, etc.

The procurement office, upon request of the technical branches, initiates action for research and development contracts and arranges for bidding and negotiation with prospective contractors

U.S. Army Corps of Engineers
Army Map Service
6500 Brooks Lane, Washington 25, D.C., Oliver 4-4350
Chief procurement officer: R. W. Spruell, ext. 278; small business advisor: Mrs. Hester P. Sullivan, ext. 355

Purchases operational and testing instrumentation and services for satellite tracking and field surveys (see also at Fort Belvoir, GIMRADA)

U.S. Army Cold Regions Research and Engineering Laboratory
U.S. Army Corps of Engineers
1215 Washington Avenue, Wilmette, Illinois, Alpine 6-0507-0508 (Broadway 4-4260-4261 in Chicago)
Contracting officer and purchasing section, chief: Laura Nyman

Procures instruments, parts, recorders, etc. Purchases over $2,500 are made by formal invitation to bid, through the U. S. Army Engineer District, Chicago, Corps of Engineers, 1819 West Pershing Road, Chicago 9, Illinois

U.S. Army Waterways Experiment Station
Corps of Engineers
Post Office Box 631, Vicksburg, Mississippi, Vicksburg 636-3111
Chief procurement officer: J. J. Kirschenbaum, Jr., ext. 424; small business advisor: E. H. Teeter, ext. 423

Has no major procurement responsibility. Interests include applied research in hydraulics, soils, concrete and related fields. Places some research contracts and procures such laboratory support equipment as oscillographs, spectrophotometers and computers

U.S. Army Chemical Corps

U.S. Army Chemical Center Procurement Agency
Army Chemical Center, Edgewood, Maryland, Edgewood 1000
Procurement officer: Mr. Gunther, ext. 26116; small business advisor: A. L. Kennedy, ext. 23103

Procures research and development services and supplies required in the investigation of chemical and medical properties of compounds and the processing and production of chemical materials

U.S. Army Chemical District, San Francisco
1515 Clay Street, Oakland 12, California, Templebar 4-4121
Procurement officer: Mr. Nognes, ext. 67; small business advisor: R. D. Rookaird, ext. 270/156

Procures commercial chemicals

U.S. Army Chemical Procurement District, New York
290 Broadway, New York 7, New York, Barclay 7-0800
Procurement officer: Mr. Szala, ext. 153; small business advisor: G. S. Sarli, ext. 251

Procures chemicals, protective equipment, chemical engineering equipment, training and maintenance equipment

U.S. Army Chemical Corps
Biological Laboratories
Fort Detrick, Frederick, Maryland, Monument 3-4111
Procurement officer: Mr. Smallberg, ext. 4129; small business advisor: G. W. Kline, ext. 4107

Procures research and development services concerning air sampling, electronics and instrumentation

U.S. Army Chemical Corps Proving Ground
Dugway, Utah, Hunter 4-8661
Procurement officer: Mr. Vickers, ext. 999; small business advisor: Guy Nielsen, ext. 97

Procures supplies and services incident to testing of chemical equipment; applied research to develop methods and techniques for air sampling, cloud physics, ecology, electronics and instrumentation; and services and supplies in support of these testing and research projects

U.S. Army Transportation Corps

The Transportation Corps furnishes rail, highway and air transportation equipment and services to the Army and, as assigned, to the Air Force and Navy. Its electronics procurement is handled through the Signal Corps and its aircraft are procured through the Air Force and Navy. Two agencies which originate electronic equipment proposals are listed for information

U.S. Army Transportation Materiel Command
Post Office Box 209, Main Office, St. Louis 66, Missouri, Main 1-6426, ext. 2202

U.S. Army Transportation Research Command
Fort Eustis, Virginia, Trinity 7-1311

Army and Air Force Post Exchanges

Army and Air Force post exchanges located in the United States procure their own needs. Merchandise of U. S. origin required by overseas exchanges is procured through the Army and Air Force Exchange Service or its West Coast purchasing officers. The service procures radios, phonographs, television sets and components. A booklet listing domestic service centers, exchanges, their hours and items they can sell is available from the service

The Army and Air Force Exchange Service
8 West 14th Street, New York 11, New York, Yukon 9-1200, ext. 264/265

San Francisco Purchasing Office
Army and Air Force Exchange Service
557 Market Street, San Francisco 5, California

Medical equipment required by the Army is procured through the Military Medical Supply Agency, listed under the Navy. Army hospitals and medical centers make local procurement of nonstandard medical equipment and research equipment

NAVY

Most electronic and electrical equipments purchased by the Navy are procured by the technical bureaus and, in particular, the Bureau of Naval Weapons (formerly the Bureaus of Aeronautics and Ordnance) and the Bureau of Ships. The naval laboratories, stations, depots and other facilities managed by the bureaus also purchase various equipment — chiefly components and parts — but to a limited degree. Gas-filled or evacuated electron tubes are under single department procurement assignment to Dayton Air Force Depot, listed under Air Force. Inquiries regarding procurement policy may be addressed to the Bureau of Supplies and Accounts officer listed below. Letters to naval facilities should be addressed to the commanding officer, unless a different title precedes the address listed

Office of Naval Material

Office of Naval Material
Department of the Navy
Washington 25, D.C., Liberty 5-6700 (telephone directly by dialing OX, for Oxford, and extension)
Procurement division director: Capt. J. B. Cline, OX 65811, and assistant director, M. E. Jones, OX 63394; small business branch: Capt. M. J. B. Kahao, OX 66053; procurement branch: Cdr. N. J. Cummings, OX 66152; production division director: Capt. R. K. Anderson, OX 61312; programs branch: Capt. F. W. Evans, OX 66339

Contracting procedures and policies are formulated in this office

Bureau of Supplies and Accounts

Chief, Bureau of Supplies and Accounts
Department of the Navy
Washington 25, D.C., Liberty 5-6700 (dial direct: OX and extension)
Address inquiries on procurement to the assistant chief for purchasing: Capt. T. H. Bell. OX 62136; small business specialist: H. G. Fowler, OX 64680; assistant chief for research and development: Capt. W. W. Gay, Jr., OX 67833

Does no purchasing, but administers the procurement functions of the naval field activities located throughout the country. Activities managed by the Bureau of Supplies and Accounts which are to some extent involved in electrical/electronic procurement are:

Ships Parts Control Center
Mechanicsburg, Pennsylvania, Poplar 6-8511
Contracting officer: Cdr. R. L. Hashhagen, ext. 362, and assistant, H. B. Read, Jr.; small business specialist: L. A. Yeager, ext. 527

Officer in Charge
U.S. Navy Purchasing Office
Temporary D Building, 4th and Independence Avenue, S.W., Washington 25, D.C.
Small business specialist: P. E. Ferrante, OX 61570; purchasing division: OX 65141

Officer in Charge
U.S. Navy Purchasing Office
929 South Broadway, Los Angeles 15, California, Richmond 9-4711
Small business specialist: B. A. Friedman, ext. 1430; purchasing division: ext. 1451

Officer in Charge
U.S. Navy Purchasing Office
3rd Avenue and 29th Street, Brooklyn 32, New York
Sterling 8-5000
Small business specialist: Joseph Riemer, ext. 804; purchasing division: ext. 624

Executive Director
Military Medical Supply Agency
3rd Avenue and 29th Street, Brooklyn 32, New York, Sterling 8-5000
Small business specialist: Donald Kellogg, ext. 818/601; purchasing division: ext. 792

Procures medical, dental and veterinary equipment for the Navy, Army and Air Force (development of new medical equipment is accomplished at the Medical **Equipment Development Laboratory, Fort Totten, Flushing 59, Long Island, New York, Bayside 9-1900, ext. 4205.** It occasionally requires replacements or special electronic measuring devices. An Army installation, it is under technical supervision and control of the Armed Services Medical Material Coordination Committee, a triservice group)

U.S. Naval Supply Center
Oakland 14, California, Twinoaks 3-4224
Small business specialist: G. R. Kinnear, ext. 631; purchasing division: ext. 676

U.S. Naval Supply Center
Norfolk 11, Virginia, Madison 2-8211
Small business specialist: Esther M. Roberts, ext. 3051; purchasing division: ext. 2554

U.S. Naval Supply Depot
Great Lakes, Illinois, Delta 6-3500
Small business specialist: Miss Beth Newsom, ext. 8368; purchasing division: ext. 6368

U.S. Naval Supply Depot
Naval Base, Newport, Rhode Island, Viking 1-3266
Small business specialist: Lillian L. Whitty, ext. 3332; purchasing division: ext. 3332

U.S. Naval Supply Depot
Seattle 99, Washington, Atwater 3-5200
Small business specialist: Lcdr. R. H. Elkins, ext. 421/422; purchasing division: ext. 421

Bureau of Weapons

Chief, Bureau of Naval Weapons
Department of the Navy
Washington 25, D.C., Liberty 5-6700 (dial direct: OX, for Oxford, and extension)
Assistant chief for contracts: Rear Adm. E. F. Metzger, OX 62436; small business specialist: J. F. Lenehan, OX 64972; purchase division, director: Capt. T. Washington, Jr., OX 62905; aircraft components branch: J. A. Ross, OX 64510; ordnance branch: Lcdr. W. A. Wilson, OX 62718

Responsible for the development and procurement of weapons and ordnance, aircraft, missiles and ammunition and related equipment. Equipment purchased includes aircraft components and accessories, guided missiles, rockets and rocket components, radio communication and navigation, intercommunications, radar, sonar, electrical and electronic components, electrical control equipment, generators, engines and engine electrical system components, aviation and shipboard fire control systems, synchros and synchro systems, test and laboratory instruments, aircraft navigation and flight instruments, and maintenance and repair shop equipment. Facilities which purchase electronic equipment and spare parts to a limited degree and which are managed by the Bureau of Weapons follow:

U.S. Naval Ordnance Supply Office
Mechanicsburg, Pennsylvania, Poplar 6-8511
Small business specialist: P. J. Horan, ext. 669; purchasing division: ext. 735

U.S. Naval Aviation Supply Office
700 Robbins Avenue, Philadelphia, Pennsylvania, Pilgrim 2-1000
Small business specialist: W. F. O'Connell, ext. 468; purchasing division: ext. 406

U.S. Naval Air Development Center
Johnsville, Pennsylvania,
Attn: Supply and Fiscal Officer, Osborne 5-7000
Small business specialist: G. F. Argetsinger, ext. 265; purchasing division: ext. 281

U.S. Naval Avionics Facility
21st and Arlington Avenue,
Indianapolis 18, Indiana,
Fleetwood 7-8311
Small business specialist: M. T. Wampler, ext. 583; purchasing division: ext. 277

U.S. Naval Air Material Center
Philadelphia 12, Pennsylvania
Howard 5-1000
Small business specialist: Miss M. G. Miller, ext. 3194; purchasing division: ext. 2695

U.S. Naval Air Station
Jacksonville, Florida,
Evergreen 9-7711
Small business specialist: F. C. Barnes, Jr., ext. 676; purchasing division: ext. 676

U.S. Naval Air Station
Pensacola, Florida,
Glendale 5-3211
Small business specialist: G. L. Hemphill, ext. 6223

U.S. Naval Air Station
Patuxent River, Maryland,
Volunteer 3-3111
Small business specialist: Mrs. Grace Moore, ext. 201; purchasing division: ext. 281

U.S. Naval Air Station
Memphis, Tennessee,
Jackson 6-8851
Small business specialist: J. G. Sells, ext. 221; purchasing division: ext. 221

U.S. Naval Air Station
Corpus Christi, Texas,
Terminal 5-8211
Small business specialist: H. F. Hale, ext. 2278; purchasing division: ext. 675

U.S. Naval Air Station
Dallas 2, Texas,
Andrew 2-5161
Purchasing division: ext. 357

U.S. Naval Ordnance Laboratory
Silver Spring, Maryland,
Hemlock 4-7100
Small business specialist: Ward Bull, ext. 511; purchasing division: ext. 466

U.S. Naval Ordnance Test Station
China Lake, California,
Attn: Supply and Fiscal Officer, code 2521,
Ridgecrest 5-0111
Purchasing division: ext. 72250 (small business specialist is C. V. Weaver, at the station's procurement office, U.S. Naval Ordnance Test Station, Pasadena Annex, 3202 East Foothill Boulevard, Pasadena, Calif., Murray 1-7661)

U.S. Naval Ordnance Plant
Macon, Georgia,
Sherwood 3-5401
Small business specialist: G. W. Holcomb, ext. 296; purchasing division: ext. 267

U.S. Naval Ordnance Plant
7500 West Roosevelt Road,
Forest Park, Illinois, Esterbrook 8-3800
Small business specialist: J. C. Van Dyke, ext. 283; purchasing division: ext. 462

U.S. Naval Ordnance Plant
York, Pennsylvania, York 7821
Small business specialist: E. J. Yergo, ext. 245; purchasing division: ext. 263

U.S. Naval Ordnance Plant
Iroquois Station, Louisville 14, Kentucky,
Emerson 8-6189
Small business specialist: R. S. Loebig, Emerson 3-3511

U.S. Naval Weapons Laboratory
Dahlgren, Virginia, North 3-2511
Small business specialist: Lcdr. A. B. Jaquay, ext. 991; purchasing division: ext. 216

U.S. Navy Mine Defense Laboratory
Panama City, Florida, Adams 4-2281
Purchasing division: ext. 401

U.S. Naval Torpedo Station
Keyport, Washington, Essex 3-5011

Superintendent
U.S. Naval Weapons Plant
Washington 25, D.C., Attn: Supply Officer
Lincoln 7-5700
Small business specialists: J. L. Kensinger, J. E. Slaughter, ext. 562; purchasing division: ext. 2106

U.S. Naval Propellant Plant
Indianhead, Maryland, Riverside 3-2111
Small business specialist: J. A. Kenlon, ext. 338; purchasing division: ext. 501

U.S. Naval Ammunition Depot
McAlester, Oklahoma, Garden 3-6330
Small business specialist: D. H. Adams, ext. 275; purchasing division: ext. 275

U.S. Naval Ammunition Depot
Crane, Indiana, Crane 2511
Small business specialist: P. A. Anderson, ext. 421; purchasing division: ext. 2121

Bureau of Ships

Chief, Bureau of Ships
Department of the Navy
Washington 25, D.C., Liberty 5-6700 (dial direct: OX, for Oxford, and extension)
Contract division director: Capt. G. C. Wells, OX 62112; electronics purchase branch: E. H. Koch, OX 61803; assistant chief for research and development: Capt. E. H. Fahey, OX 63240; warfare systems division director: Capt. P. C. Coombs, OX 64811; electronics division director: Capt. R. R. Bradley, OX 64586; small business specialists: M. Chemsak, OX 63695, and H. W. Garrard, OX 67633

Procures hulls, components, machinery and electronic equipment, except specialized air electronic equipment. Procurement includes shipboard alarm and signal systems, communications, teletype, facsimile, intercommunication, sound recording and reproducing, radar, sonar, infrared, navigational instruments (including terrestrial types, but not aircraft), shipboard fire control equipment, test and laboratory instruments, degaussing and minesweeping equipment, and a variety of components and hardware. Facilities under Bureau of Ships management which make limited electronics purchases follow:

Boston Naval Shipyard
Boston 29, Massachusetts, Attn: Code 500,
Charlestown 2-1400
Small business specialist: A. J. Dolan, ext. 2206; purchasing division: ext. 206

Charleston Naval Shipyard
Naval Base
Charleston, South Carolina, Attn: Code 500,
Sherwood 7-1471
Small business specialists: W. H. Helssenbuttel and R. G. Bayman, ext. 2107; purchasing division: ext. 2008

Philadelphia Naval Shipyard
Naval Base, Philadelphia 12, Pennsylvania,
Attn: Code 500, Howard 5-1000
Small business specialist: C. B. Friel, ext. 2418; purchasing division: ext. 2216

Portsmouth Naval Shipyard
Portsmouth, New Hampshire, Attn: Code 500,
Idlewood 9-1000
Small business specialist: V. M. Varrell, ext. 424; purchasing division: ext. 421

Puget Sound Naval Shipyard
Bremerton, Washington, Attn: Code 500,
Essex 3-5011
Small business specialist: R. I. Shenenberger, ext. 07-355; purchasing division: ext. 07-494

U.S. Naval Submarine Base
New London, Connecticut, Gibson 3-8911
Small business specialist: D. P. Sullivan; ext. 538; purchasing division: ext. 681

Electronics Supply Office

U.S. Navy Electronics Supply Office
Great Lakes, Illinois, Delta 6-3500
Small business specialist: R. L. Fitzgerald, Jr., ext. 8298; purchasing division: ext. 8291

Purchases spare parts for electronic equipment procured by the technical bureaus. Is assigned approximately 200,000 electrical and electronic items. Categories include: resistors (includes resistive attenuators, line voltage reducers, varistors, thermistors, resistive ballast tubes); capacitors (includes interference filter capacitors, capacitor mounting hardware); filters and networks (includes combining resistors, capacitors or coils, but not resistors only, capacitors only, or coils only); fuses and lightning arrestors (includes fuseholders, fuse boxes, fuse posts, fuse links, fuse blocks, current limiters); circuit breakers (includes cutouts); switches (includes rotary, knife, toggle, pushbutton, mercury, thermostatic, differential pressure); connectors (includes plugs, receptacles, tube sockets); lugs, terminals and terminal strips (includes binding posts, battery clips, stud terminals, test clips); relays, contactors and solenoids (includes electromagnetic actuators); coils and transformers (includes potential and current transformers, chokes); piezoelectric crystals (includes processed unmounted crystals); electron tubes, transistors and rectifying crystals (includes rectifying tubes, photoelectric cells, electron vibrator tubes); headsets, handsets, microphones and speakers; electrical insulators and insulating materials (includes tube, knob, cleat, strain and standoff insulators, free thru insulators, bead insulators, insulating loom, varnished cambric and friction tape); electrical hardware and supplies; electrical contact brushes, electrodes and carbon stock; antennae, waveguides and related equipment (includes aerial, mast and tower equipment); synchros and resolvers; cable, cord and wire assemblies, communication equipment; and miscellaneous electrical and electronic components (includes permanent magnets and magnetostriction elements)

Office of Naval Research

Director, U.S. Naval Research Laboratory
Washington 25, D.C., Johnson 3-6600
Small business specialist: Mrs. Ila B. Strife, ext. 2550

Chief of Naval Operations

Hydrographer, U.S. Navy Hydrographic Office
Washington 25, D.C., Johnson 8-9060
Purchasing division: ext. 242

U.S. Naval Station
New Orleans 40, Louisiana, Forest 6-2311
Small business specialist: G. H. Shephard, ext. 265; purchasing division: ext. 400

U.S. Naval Station
Key West, Florida, Cypress 6-3511
Small business specialist: D. W. Wiley, ext. 423; purchasing division: ext. 276

U.S. Marine Corps

Hq. U.S. Marine Corps
Arlington Annex, Washington 25, D.C.,
Liberty 5-6700 (dial direct: OX, for Oxford, and extension)
Small business specialist: Capt. F. B. Morris, OX 41939; procurement branch: OX 42583

Commanding General
Marine Corps Air Station, Cherry Point,
North Carolina, Gilbert 7-2111
Small business specialist: E. J. Beamon, ext. 6287/23109; purchasing division: ext. 23135

Inspectors of Naval Material

Through the Navy's Industry-Cooperation Program, Inspectors of Naval Material in some 27 cities assist small businesses in obtaining Navy prime contracts and subcontracts. Each INSMAT maintains a current listing of major Navy prime contractors in his inspection area who have adopted the Defense Subcontracting Small Business Program. He advises companies of subcontracting opportunities, cooperates with Small Business Administration offices and, when directed by the Chief of Naval Material, implements the Navy's program of assistance to large and small business in disaster areas and labor surplus areas. Addresses and phone numbers, alphabetically by state, (in each case, address to Inspector of Naval Material) and the names and phone extensions of industry-cooperation representatives, are:

CALIFORNIA

Los Angeles: 929 South Broadway, Richmond 9-4711; W. H. McMickle, ext. 1477, and G. A. Ross, ext. 1478

San Francisco: Building 178, Treasure Island, Exbrook 2-3931; H. L. Bartholomew, ext. 2723

CONNECTICUT

Bridgeport: 181 Middle Street, Forest 8-6581; Jack Goldman, ext. 6

GEORGIA

Atlanta: 50 Seventh Street, N.E., Trinity 6-3311; Cdr. H. A. Burns, ext. 5595, and R. R. Robertson, ext. 5564

ILLINOIS

Chicago: 608 South Dearborn Street, Harrison 7-7523; H. K. Watterson, ext. 545

INDIANA

Fort Wayne: 3802 South Calhoun Street, Harrison 4231; L. B. Leaval, ext. 9, and N. M. Morse, ext. 7

IOWA

Cedar Rapids: 800 First Avenue, N.E., Empire 4-0165; G. F. DeMarrais, ext. 13

MARYLAND

Baltimore: 401 Water Street, Plaza 2-8460; Arnold T. Grahn and J. F. Cooke, ext. 614

MASSACHUSETTS

Boston: Building 21 South Boston Annex, Boston Naval Shipyard, LI 2-5100; J. F. Good, ext. 515, and S. B. Sutton, ext. 553

Springfield: Post Office Building, Republic 7-2621; John Hughes, ext. 18

MICHIGAN

Detroit: 310 East Jefferson Avenue, Woodward 5-0714; A. L. Knudsen, ext. 34, and H. Z. Radzilowski, ext. 33

MINNESOTA

Minneapolis: U.S. Court House, Third and Marquette Avenue, Federal 2-3211; Cdr. T. A. Smithey, ext. 201/202, and E. P. Maiman, ext. 206

MISSOURI

St. Louis: 4100 Forest Park Boulevard, Jefferson 3-1401; H. W. Short, ext. 3, and C. E. Worley, ext. 5

NEW JERSEY

Newark: 1130 Route 22, Adams 2-5100; L. H. Hearne, ext. 112

NEW YORK

Buffalo: 740 Main Street, Washington 4-400; K. Souliske, ext. 10

Garden City, Long Island: 605 Stewart Avenue, Pioneer 1-8000; C. W. Spencer, ext. 306

New York: 207 West 24th Street, Watkins 4-5000; H. P. Gaffney, Jr., ext. 730/731

Schenectady: Post Office Box 1083, Franklin 4-2271; Paul Taddune, ext. 375

Syracuse: 428 South Warren Street, Granite 4-6861; R. W. Brooks, ext. 4

OHIO

Cincinnati: 230 East Ninth Street, Dunbar 1-2200; F. A. Frye, ext. 1268

Cleveland: 1783 East 11th Street, CH 1-7900; R. E. Altman, ext. 492, and Cdr. H. A. Robinson, ext. 500

PENNSYLVANIA

Pittsburgh: 401 Old Post Office Building, Express 1-2560; J. M. H. Lawford, ext. 198

Reading: Mumma Building, 10 North Eighth Street, Franklin 4-5194; E. L. Buller

Upper Darby: 17 Brief Avenue, Granite 4-4840; S. Van Buskirk, ext. 123

TEXAS

Dallas: 714 Jackson Street, Riverside 8-5611; W. H. White, Jr., ext. 311

WASHINGTON

Seattle: 2300 Eleventh Avenue, S.W., Main 2-1472; L. I. Lamb, ext. 207

WISCONSIN

Milwaukee: 783 North Water Street, Broadway 3-5901; J. A. Shanahan, ext. 28

Government Agencies

Atomic Energy Commission

Due to the AEC's practice of having contractors construct and operate its major production and research facilities, the larger part of AEC procurement of electronic equipment, supplies and services is made by contractors, who follow established business practices. Operations offices place contracts for construction and operation and buy limited quantities of equipment. Since the list of contractors is etxensive and subject to change, manufacturing companies should request from the AEC the manual *Selling to AEC*, which lists contractors and their purchasing agents. Types of equipment generally required by AEC facilities includes chemical laboratory equipment, communications equipment and supplies, electrical equipment and supplies, electronic instruments and accessories, control and recording instruments, radiation detection and measuring instruments, security equipment, x-ray, etc. Headquarters, major laboratories and operations offices are:

U.S. Atomic Energy Commission
Washington 25, D.C., Hazelwood 7-7800, for long distance, and Hazelwood 7-7831, for local calls

Procurement, supply and transportation, office of headquarters services, chief: R. J. Wright, ext. 4433; purchasing and warehousing section, chief (procurement officer for electronics): T. H. Hahn, ext. 5548; small business advisor and chief, procurement and conrtacts branch, office of contract policy: J. P. Gerety, ext. 5447

Argonne National Laboratory
9700 South Cass Avenue, Argonne, Illinois, Clearwater 7-7711, Lemont

Operated by the University of Chicago, whose purchasing agent is J. R. Foote

Brookhaven National Laboratory
Upton, New York, Yaphank 4-6262

Operated by Associated Universities, Inc., whose purchasing agent is G. W. Maxey

Los Alamos Scientific Laboratory
Post Office Box 1663, Los Alamos, New Mexico, Phone: 25501

Operated by the University of California, whose department of supply and property head is H. S. Allen. Procurement is handled by the university's purchasing department, 645 South Mariposa, P.O. Box 5190, Metropolitan Station, Los Angeles, California; R. W. Johnson, district purchasing agent

Oak Ridge National Laboratory
Post Office Box X, Oak Ridge, Tennessee, Phone: LD220

Operated by Union Carbide Nuclear Company, whose general purchasing agent is J. A. Elkins

U. S. Atomic Energy Commission Operations Offices

Albuquerque: Post Office Box 5400, Albuquerque, New Mexico, Alpine 6-4411; manager: K. F. Hertford; director of supply: George Udell

Concerned with research, development, production and testing atomic weapons

Chicago: 9800 South Cass Avenue, Argonne, Illinois, Clearwater 7-7711; mangaer: K. A. Dunbar; procurement specialist: J. M. Krupa

Concerned with research and development programs in physical sciences, medicine, instrumentation, etc.

Grand Junction: Grand Junction, Colorado, Chapel 3-2110; manager: A. E. Jones; property management and supply branch chief: F. M. Sherry

Concerned with acquisition, mining and exploration of uranium ores

Hanford: Post Office Box 550, Richland, Washington, Richland 2-1111; manager: J. E. Travis; purchasing officer: R. R. Edwards

Concerned primarily with processing of uranium into plutonium

Idaho: Post Office Box 2108, Idaho Falls, Idaho, Jackson 2-6640; manager: A. C. Johnson; supply officer: K. W. Grundmeyer

Concerned with construction of plants and nuclear reactors, operation of material and test reactors and related chemical processes

Lockland Aircraft Reactors: Post Office Box 23, Lockland Branch, Cincinnati, Ohio, Valley 1-7400; area manager: J. L. Wilson; administrative branch chief: M. W. Holliday

Concerned with research, design and development work on aircraft propulsion reactors

New York: 376 Hudson Street, New York 14, New York, Yukon 9-1000; manager: Merrill Eisenbud; purchasing officer: Alice Hodnett

Concerned with research and development in physical sciences, biology, medicine and thermonuclear power

Oak Ridge: Post Office Box E, Oak Ridge, Tennessee, phone LD220; manager: S. R. Sapirie; contract division director: J. R. Moore

Concerned with processing raw materials into feed materials and U235, and supervision of research and training

Pittsburgh Naval Reactors: Post Office Box 1105, Pittsburgh 30, Pennsylvania, Homestead 2-3000; manager: L. D. Geiger; procurement and contracts branch chief: J. B. Cassoday

Primarily concerned with research and development of submarine and surface ship reactors; also administers procurement of ship reactor cores and is active in the civilian power reactor program

San Francisco: 2111 Bancroft Way, Berkeley 4, California, Thornwall 1-5620; manager: H. A. Fidler; property management branch chief: R. A. Trybul

Concerned with research and development on reactors, accelerators, atomic weapons testing and other fields

Savannah River: Post Office Box A, Aiken, South Carolina, Midway 9-6211, in Aiken, and Park 4-6311, in Augusta, Georgia; manager: R. C. Blair; procurement and contracts branch chief: O. R. Kincaid

Concerned with processing uranium into plutonium and other special products

Schenectady Naval Reactors: Post Office Box 1069, Schenectady, New York, Express 3-6611; manager: J. D. Anderson; supply division director: C. H. Schaefer

Concerned with research and development and design of naval propulsion reactors and development of related equipment

Civil Defense

Office of Civil and Defense Mobilization
Operational Headquarters, Battle Creek, Michigan, Woodward 2-6511

Procurement division director: ext. 225

Procures radio equipment and supplies and, as required, research and development including testing of radiologial equipment which may be used for civil defense. All procurement by state and local governments with OCDM matching funds must be items which have been previously approved

U.S. Coast Guard

Commandant (FS-1)
U.S. Coast Guard Headquarters
1300 E Street, N.W., Washington 25, D. C., Worth 4-2973

Chief procurement officer: Cdr. H. C. McCaffrey, Worth 4-2973; small business advisor: R. W. Hill, Navy Bureau of Ships, LI 5-6700, ext. 62852

Procures a wide variety of equipment and services, including air-, ship- and land-based navigation and communication equipment, controls, test equipment and related components and services. Equipment includes communications transmitters, receivers and transceivers, facsimile, intercoms, loran, microwave navigation equipment, radar, beacons, sonar, instruments, wire, cable and submarine cable, aircraft accessories and instruments. Services procured include equipment modification, repair, installation, field engineering, research and development and publications. The Coast Guard operates under the Treasury Department during peacetime. It may operate under the Navy during wartime or any other time the President directs

U.S. Department of Commerce

Coast and Geodetic Survey
U.S. Department of Commerce
Washington 25, D.C.,
Phone: area code 202;
Worth 7-1684 (information)

Procurement officer and small business advisor: L. M. Gazik, Worth 7-1710

Procures, for the entire bureau, communications equipment, special electronic surveying equipment, oceanographic equipment, electronic positioning equipment and component parts

National Bureau of Standards
Connecticut Avenue & Van Ness Street, N.W., Washington 25, D.C.,
Emerson 2-4040

Procurement section chief: C. B. Kipps, ext. 260

Procures all types of equipment, supplies and services, as needed for the bureau in Washington, D.C. For a detailed listing of Bureau activities, see pages 42 to 49

Purchasing Office, Room 1207
National Bureau of Standards
Boulder Laboratories, Boulder, Colorado, Hillcrest 2-2161
Chief procurement officer: B. F. Betts, ext. 653; procurement officer for electronics: J. S. Roettenbacher, ext. 367

Procures all types of equipment, parts and supplies needed for a broad program of research in radio propagation. For a detailed listing of this laboratory's calibration services and other activities, see pages 42 to 49

National Inventors Council
Washington 25, D.C., Worth 7-3024
Chief engineer: L. S. Hardlund

The council does not do any purchasing. It is the clearinghouse for inventions that might be used by the armed services and other government agencies. Inquiries, suggestions and proposals for inventions (not models) which can be used will be referred to the proper agency

U.S. Weather Bureau
Procurement and Supply Section
Washington 25, D.C., Adams 2-3200
Chief procurement officer: B. F. Loveless, ext. 261

Procures all equipment and supplies required by the national meteorological service, including ceilometers, dewpoint, precipitation, visibility and temperature telemetering indicators, other types of indicators and telemeters, automatic meteorological observing systems, radar, radiometers, radiosondes, radiotheodolites, recorders, antennas, batteries, autotransformers, comparators, computers, facsimile, radio and radio-telephone equipment, and associated instruments, test equipment and components, as well as standard meteorological equipment. Maintenance services are generally contracted for in connection with equipment rental. Meteorological study programs are generally contracted to nonprofit institutions. There is a limited program of instrumental research and development.

Federal Aviation Agency

Bureau of Facilities and Materiel
Material Contracts Branch, FM-280
16th & Constitution Avenue, N.W., Washington 25, D.C., Sterling 3-2100
Proc. officer: R. E. Mulari, ext. 4541

Procures air navigation and traffic control systems, including radar, communications equipment, instrument landing systems, navigational aids and related test equipment and components

Bureau of Research and Development
Contracts Division, RD-70
16th & Constitution Avenue, N.W., Washington 25, D.C., Sterling 3-2100
Proc. officer: J. A. Donohue

Procures equipment for experimentation, test and evaluation, such as computers, radar and transponders; executes contracts for research studies and development in such fields as automation in air traffic control, weather research and collision prevention

Nat. Aviation Facilities Experimental Center
Contract Branch-NAFEC
Atlantic City, New Jersey, Milton 1-8200
Proc. officer: R. F. Wesley

Procures minor repair items and test apparatus required for experimentation, test and evaluation of equipment

Aeronautical Center
Procurement Branch, FM-990
Post Office Box 1082, Oklahoma City 1, Oklahoma, Mutual 1-2311
Proc. officer: D. J. Odvody

Centralized activity for procurement of spare parts and components for maintenance and repair of all FAA air navigation and traffic control facilities, except those located in the Alaskan area

Alaska Supply Section, FM-5260
2400 Fourth Avenue, South
Seattle, Washington, Mutual 2-2300
Proc. officer: W. M. Wilkins

Procures spare parts for maintenance and repair of facilities in Alaskan area

FAA Procurement Sections

Each procures parts and components for routine maintenance and emergency repair of FAA facilities located in the region serviced by the section:

Procurement Section, FM-1280
New York International Airport, Jamaica, New York, Oliver 9-7000
Proc. officer: Matthew Unterberg

Procurement Section, FM-2280
Post Office Box 1689, Fort Worth 1, Texas
Proc. officer: C. R. Green

Procurement Section, FM-3280
4825 Troost Avenue, Kansas City 10, Missouri, Plaza 3-4900
Proc. officer: G. C. Kimsey

Procurement Section, FM-4280
5651 West Manchester Avenue, Los Angeles 45, California, Orchard 2-5041
Proc. officer: F. G. Jennings

Procurement Section, FM-5280
Post Office Box 440, Anchorage, Alaska, Broadway 7-1401
Proc. officer: M. D. Hutchens

Procurement Section, FM-6280
Post Office Box 4009, Honolulu 12, Hawaii, Phone: 58831
Proc. officer: J. A. Black

Federal Communications Commission

Administrative Services Division
Federal Communications Commission
Washington 25, D.C., Executive 3-3620
Administrative services division chief: P. H. Sheehy, ext. 150

Procures communications equipment, components and test instruments. FCC field offices perform their own maintenance or obtains local services. Other key FCC personnel are listed on the last page of this procurement guide

General Services Administration

The General Services Administration has 10 regional offices as listed below. Businessmen who want to sell to the Federal Supply Service are advised to contact any of the regional offices. Among the services offered by GSA offices are: information about government business opportunities, counseling on doing business with the government, advice on getting on bidders' lists, examination of new or improved products to determine if they should be included in the federal supply system, information on how to promote government sales and how to obtain specifications.

GSA buys approximately 60,000 standard manufacturing items that are repetitively required for the day-to-day operations of the federal government. There are no procurement officers specifically assigned all electronic supplies and equipment. Each purchasing officer is responsible for electrical or electronic items included in the various commodity classes. Among the commodity classes which include electronic equipment are: Classes 2, 4 and 42, law enforcement equipment and explosives (includes circuit-testing galvanometers and rheostats for testing blasting machines); class 16, wireless communication apparatus and parts (includes radios, radio communication equipment and parts, tubes, sound signal apparatus and parts, and quartz crystals); class 17b, electric and wire communication apparatus and parts (includes batteries, telephones, battery chargers and rectifiers, cords, conduit, connectors, insulating materials, fuses, electrical test and measuring meters, motors, signaling devices, switches, message and data transmitting equipment, intercommunications equipment, radiological equipment and various components); class 18, precision instruments (includes aerological and meteorological instruments and parts, surveying and navigational instruments); class 18a, photographic equipment (includes projectors and exposure meters); class 54, office machines and equipment (includes accounting, computing, dictating, recording and transcribing machines, and recording wire and tape); class 57, hospital, laboratory and surgical apparatus (includes laboratory equipment, diagnostic equipment and x-ray and fluoroscopic equipment)

Regional centers and branches and their directors or managers are (address to Director or Manager, Business Service Center, General Services Administration):

Region 1: Post Office and Court House Building, Boston 9, Massachusetts, Liberty 2-5600; director: A. J. Rooney

Region 2: 250 Hudson Street, New York 13, New York, Algonquin 5-4300; director: George Boyle

Region 3: Seventh & D Streets, S.W., Washington 25, D.C., Republic 7-7500; director: D. O. Mathias

Region 4: Peachtree-Seventh Building, Atlanta 5, Georgia, Trinity 6-3311; director: W. W. Barron

Region 5: U.S. Courthouse Building, 219 South Clark Street, Chicago 4, Illinois, Harrison 7-4700; director: J. F. Daley

Region 6: 2306 East Bannister Road, Kansas City 14, Missouri, Emerson 1-0860; director: T. W. Lacy

Region 7: 1114 Commerce Street, Dallas 2, Texas, Riverside 8-5611; director: Ross Wilder

Branch Center: Federal Center, 300 West Vickery, Fort Worth 2, Texas, Edison 5-5341; manager: Mrs. Ima J. Wilton

Region 8: Denver Federal Center, Building 41, Denver 1, Colorado, Belmont 3-3611; acting director: P. J. George

Region 9: 49 Fourth Street, San Francisco 3, California, Yukon 6-3500; manager: Bert Herberg

Branch Center: 417 South Hill Street, Los Angeles 12, California, Richmond 9-4711; manager: Margaret H. Bayliss

Region 10: Federal Office Building, 909 First Avenue, Seattle 4, Washington, Mutual 2-3300; director: J. J. Murphy

Branch Center: U.S. Courthouse (New), Broadway and Main Streets, Portland, Oregon, Capital 6-3361; manager: Doris Arel

U.S. Information Agency

U.S. Information Agency
1734 New York Avenue, N.W., Washington 25, D.C., Dudley 3-5940
Contract and procurement division, chief: C. E. Noel; broadcast branch: O. W. Deck

The broadcast branch purchases transmitters, recorders, monitoring equipment, associated equipment, maintenance and repairs, and some research and development. Items in commonplace use are purchased through General Services Administration contracts.

National Aeronautics and Space Administration

Although NASA headquarters handles some major contracts, most contracts are planned and negotiated by the field installations. Each research center contracts for its own support, including procurement of equipment, construction and research and development. Each has its own bidders list.

Nat. Aeronautics and Space Administration
801 19th Street, N.W., Washington 25, D.C.,
Director, procurement and supply: E. W. Brackett, DU 2-6376; small business advisor and industry assistance officer: J. M. Roey, DU 2-6814

Ames Research Center
Moffett Field, California,
Yorkshire 7-5581, Mountain View
Procurement officer: A. S. Hertzog; small business specialist: D. E. Davis

Interests include basic and applied research on aeronautical and space flight problems; manned satellites, boost-glide vehicles, interplanetary and lunar craft, and ballistic missiles; environmental studies, stabilization and guidance; wind tunnel and flight research on vertical and short take-off aircraft; instrumentation and simulation techniques and devices

Langley Research Center
Langley Field, Virginia, Park 2-6341, Hampton
Procurement officer: S. L. Butler; small business specialist: J. F. Braig

Is primarily concerned with problems of space flight, reentry and advanced aircraft. This includes studies of materials, structures, guidance and control of satellites, missiles, boost-glide and winged space vehicles; research into all types of aircraft; design and development of specialized research instrumentation

Goddard Space Flight Center
Greenbelt, Maryland, Granite 4-9000
Procurement officer: E. J. Golden; small business specialist: H. T. O'Toole

The base was under construction, scheduled for occupancy in late 1961. It will concentrate on scientific earth satellites, manned space flight, communications and meteorological satellite systems, and related tracking, data acquisition and data reduction. Its Space Task Group is carrying out Project Mercury

Jet Propulsion Laboratory
California Institute of Technology
4800 Oak Grove Drive, Pasadena 3, California, Sylvan 0-6811
Procurement officer: Ted Candee; small business specialist: D. W. Anawald

Major responsibility is lunar and planetary exploration. Activities include propulsion, aerodynamics, chemistry, guidance, communications, physics, mathematics and other related fields. It is operated under contract by Cal Tech, but subcontracts extensively

Western Operations Office
150 Pico Boulevard, Santa Monica, California
Exbrook 3-9641
Procurement officer: Earle Sample; small business specialist: P. E. Ross

Has liaison responsibility for contracts west of Denver, performs technical monitoring and advises on technical developments and capabilities in the area

Flight Research Center
Box 273, Edwards, California, Clifford 8-2111
Procurement officer: M. E. Bowling; small business specialist: L. J. Walsh

Handles full-scale flight research including, at present, the X-15 and, in the future, Dyna Soar I. Additional interests include analog simulation of flight characteristics, radar and telemetry support of flight projects

Wallops Station
Wallops Island, Virginia, Valley 4-3411
Procurement officer: L. T. Birch

Launches research models of aircraft and missiles for study of hypersonic and space flight programs, including basic studies for Project Mercury. Will also launch small earth satellites

Marshall Space Flight Center
Huntsville, Alabama, Jefferson 6-4411
Procurement officer: W. S. Davis; small business specialist: J. A. Harrison

Consists mainly of facilities transferred from the Army Ballistic Missile Agency. Develops NASA launch vehicles. Activities include aeroballistics, simulation and data reduction, design and pilot development of guidance and control systems, booster and space vehicle checkout

Lewis Research Center
21000 Brookpark Road, Cleveland 35, Ohio
Winton 1-6620
Procurement officer: John Biggs; small business specialist: N. C. Prahst

Responsible for research into aeronautical and space propulsion and power, including airbreathing, chemical rocket and nuclear rocket engines, electrical propulsion systems and power generation systems. Conducts research into materials, lubrication, wear, instrumentation, thermoelectric conversion, heat transfer, fluid mechanics, etc.

Public Health Service

Department of Health, Education and Welfare
Public Health Service
Procurement Section, Supply Branch
Division of Administrative Services
330 Independence Avenue, S.W.
Washington 25, D.C., Worth 3-3169

Most procurement by the Public Health Service has been decentralized so that each of its hospitals, Indian health area offices and research centers have purchasing and contracting authority. The Washington office electronic purchasing is generally limited to supplies and equipment for small laboratories without purchasing or contracting authority. Installations are authorized to make purchases from General Service Administration and Veterans Administration contracts and depots

Veterans Administration

Chief, Purchase and Contract Division
Department of Medicine and Surgery 134C
Veterans Administration, Washington 25, D.C., Dudley 9-3514
Purchase and contract division chief, supply service: J. D. Johnson

Veterans Administration hospitals require some medical electronic equipment. The address given above is primarily responsible for centralized purchases of electronic devices and services, including computers and related equipment, research etc.

FCC Personnel

Commissioners & Staffs

Newton N. Minow, chairman (1968)
Administrative assistant: T. J. Meyers; legal assistant: Joel Rosenbloom; engineering assistant: J. B. Sheridan; special assistant: J. B. Sheridan; confidential assistant: Gloria Coe

Rosel H. Hyde (1966)
Legal assistant: J. T. Barker

Robert T. Bartley (1965)
Legal assistant: P. S. Cross; engineering assistant: H. E. Sloane

Robert E. Lee (1967)
Legal assistant: T. J. Dougherty; engineering assistant: R. G. Weston

T. A. M. Craven (1963)
Legal assistant: R. M. Koteen; engineering assistant: C. F. Heister

F. W. Ford (1964)
Legal assistant: J. C. Conlin; engineering assistant: Daniel Jacobsen

John S. Cross (1962)
Legal assistant: L. P. B. Emerson; engineering assistant: B. S. Longfellow

Offices & Bureaus (March 15, 1961)

Office of the General Counsel
General counsel: M. D. Paglin; associate general counsel: Henry Geller; assistant general counsels: G. M. Cahill (legislation), Daniel Ohlbaum (litigation), C. R. Escola (administrative law and treaties) and D. W. Pincock (regulatory division)

Office of the Chief Engineer
Chief engineer: E. W. Allen, Jr., associate chief engineer: R. J. Renton; administrative assistant: Ruby F. Caldwell; Conelrad supervisor: K. W. Miller; assistant chief engineers: W. C. Boese (technical research division), W. H. Watkins (frequency allocation and treaty division) and E. W. Chapin (laboratory division)

Office of the Secretary
Acting secretary: B. F. Waple; division chiefs: Annette E. Hutterly, (minutes), J. R. Blaine (dockets), Gordon Kent (technical assistance), Charlotte S. Smith (international telecommunications settlements), Clara A. Fairall (mail and files) and Helen A. Clark (library)

Office of Administration
Executive officer: R. W. Cox; assistant: R. F. Sloan

Office of Opinions and Review
Chief: D. J. Berkemeyer

Office of Reports and Information
Chief: G. O. Gillingham

Office of Hearing Examiners
Chief hearing examiner: J. D. Cunningham

Field Engineering and Monitoring Bureau
Chief: G. S. Turner; assistant chief: F. M. Kraktovil; attorney advisor: J. H. McAllister; administrative assistant: Francis Keefe; division chiefs: F. M. Kraktovil (field operating), F. W. Wickenkamp (engineering), P. H. Herndon, Jr. (inspection and examination) and I. L. Weston (monitoring)

Common Carrier Bureau
Chief: J. J. Nordberg; assistant chief: Bernard Strassburg; administrative assistant: Irene M. Durgin; division chiefs: S. L. O'Guin (telephone), J. R. Lambert (telegraph), M. H. Woodward (international), A. A. Gladstone (domestic radio facilities), Betty Ferro (license branch), C. R. Makela (office of field coordinator) and R. E. Stromberg (office of accounting systems)

Safety and Special Radio Services Bureau
Chief: C. B. Plummer; assistant chief: M. S. Orr; administrative assistant: K. L. Bergeron; law and enforcement office chief: Irving Brownstein; division chiefs: J. R. Evans (aviation), Ivan Loucks (acting chief, land transportation), E. G. Henry (marine), J. J. McCue (public safety and amateur) and D. H. Arnold (industrial)

Broadcast Bureau
Chief: H. G. Cowgill; assistant chief: J. O. Juntilla; administrative assistant: Estelle J. Bunn; chief, office of network study: A. P. Bryant; division chiefs: W. E. Johnson (broadcast facilities), H. S. Cowperthwait (rules and standards), R. J. Rawson (hearing), J. N. Nelson (renewal and transfer), Clara M. Iehl (license), H. H. Goldin (economics) and J. C. Harrington (complaints and compliance)

Electron Tubes: Military Preferred Types

Cross-index of tube types, other type numbers sometimes used and numbers of similar or equivalent tube types

THESE FOUR TABLES list in the left-hand columns the tube types designated in MIL-STD-200E as preferred types or guidance types. The right-hand columns give other numbers used for the same tube types, or tube types that are equivalent or similar, as reported in MIL-HDBK-213 (Military Handbook, *Electron Tubes, Interchangeability Directory*).

The listings of other numbers, similar and equivalent tube types are not intended as a substitute for the military preferred and guidance lists. MIL-STD-200E allows types not on the preferred list to be used only after approval of the contracting agency. The cross-index will be helpful in converting military equipment to commercial equipment, and vice-versa, or in making tube replacements when the specified type is not immediately available.

Military Preferred list of Electron Tubes

Number in MIL-STD-200E	Other Numbers from MIL-HDBK-213
RECEIVING TUBES	
Diodes	
5647	SN946
*5726/6AL5W	6AL5W, Z1751, 5726, QM559
*5896	SD994B
Triodes	
*6C4WA	6100/6C4WA
5703WB	
*5718	SN979, SN979D
*5719	SN-980, SC1140A, SN-980D
5744WB	(not listed)
6533	
Twin Triodes	
*12AT7WA	6201, 6201/12AT7WA
*5670	5670WA, 2C51W
*5751	Z1764, 5751WA
*5814A	
6021	
*6111	
6112	
Pentodes, Remote	
*5749/6BA6W	Z1749, 5479, 6BA6W
*5899	SN972D
Pentodes, Sharp	
6AU6WB	
*5654/6AK5W	5654, QM557, Z1494, 6096 6AK5, 5654/6AK5W/6096, Z2104
5702WB	
*5840	SN973B, SN1039A, SN973C
Mixers and Converters	
*5636	SN1007A, SC1156A
*5725/6AS6W	5725, 6AS6W, QM558, 5725/6AS6W/6187
*5750/6BE6W	Z1750, 5750, 6BE6W
5784WB	(not listed)
Power Output Pentodes	
6AN5WA	
*6L6WGB	5881
*5639	SN953, SN953A, SN953D, SN974B
5686	QM328
*5902	SN976, SN976D
*6005/6AQ5W	6005, Z2106, 6095, Z1499, 6005/6AQ5W/6095
6094	
6384	
Power Output Triodes	
5687WA	
6080WB	
Rectifiers	
5R4WGB	
*5Y3WGTA	
*5641	SN954C
5993	
6203	
TRANSMITTING TUBES	
Triodes	
3X2500A3	
Tetrodes	
*4-65A	
4-400A	
*4D21	X103, 4-125
*4X150A	X424D
4X150D	
4X250B	
4X250F	(not listed)
Twin Tetrodes	
*832A	VT-286
5894	AX9903/5894
Pulse Modulators	
*3E29	829A
4C35A	
*4PR60A	4-60A
*5C22	H1000, GK50, QK50
1257	FG57, 5559, 5559/FG57
*1258	
*5948	1754, H-6000, 5948/1754, VC1754
*5949	19007, H-500, 5949/1907
6130	KU-43, E-42, 3C45/6130, 45Z3
Rectifiers, Vacuum	
*3B24WA	
577	GL577, ZP577
578	8020, 100A, GL8020, GL451, EE8020, ZP451, 451, 2-100A/100R, WL578
Rectifiers, Gas	
*3B28	
*4B32	
Thyratrons	
*C1K	
5643	SN949, SN982, SN948B, SN949C
*5684/C3J/A	5684, C3J/A
*5685/C6J	(not listed)
*5696	
*5727/2D21W	5727, 2D21W
Clipper	
*4B31	QK98
583	
Planar and Pencil Tubes	
2C40A	
5794A	(not listed)
5893	A2317, A2317C
6442	Z1911
MICROWAVE TUBES	
Klystrons	
2K26	1411XQ, 1412XQ
2K50	1462, 1364XQ
5836	SN1103D
5981	5981/5650
6116	QK361, TE39
6310	V260, QK417/6310
6312	V-270
6975	VA203B
Magnetrons	
*5586	
*5657	
6027	2J42A
Gas Switching, ATR	
1B35A	6038, ATR414
1B36	6015
1B44	
1B51	X6033
1B52	X6035
1B53	
1B56	
5792	ATR345
5793	ATR346
5883	ATR381
5921	ATR348
5922	ATR349
Gas Switching, TR	
1B23	WE729A, 729A, 2779A
1B26	WX3210
1B27	
1B50	X6032
1B55	X6034
1B58A	
5853	TR368
5863	X7109
5865	TR361, 5865/TR361
5927	TR350
Cathode Ray Tubes	
*2BP1	
3ACP1A	K1105
3ACP7A	K1105
*3SP1	
*3WP1	B1026
5ADP1	B1060
5ADP7	B1060
5AFP1	K1147P1
5AFP7	K1147P7
5AHP7	
*5FP7A	GL475, ZP475, 1812P7A, C7473D
5FP14A	same, except 1812P14A
7MP7	
*10KP7	
10WP7	B1038
12SP7D	
Phototube	
1P21	
Voltage Regulator Tubes	
*0A2WA	
*0B2WA	
5644	SN948, SN981B
5651WA	
*5783WA	
5787WA	

*Also U.S. tubes in NATO Priority List of Electronic Valves All types in preferred list must be prefixed by the letters JAN

Military Guidance List of Electron Tubes

Number in MIL-STD-200E	Other Number from MIL-HDBK-213
RECEIVING TUBES	
Diode	
6110	
Triodes	
5703WA	6149
5744WA	5744, 6151
6222	
6286	
6533WA	(not listed)
7137	
Twin Triodes	
5670A	(not listed)
5755	520A, 1554
6072	Z2101
6414	
6829	
Remote Pentode	
6206	
Sharp Pentodes	
6AH6WA	(not listed)
5702WA	5702, 6148
5879	
6205	
Power Output Pentodes	
6CL6	
*5763	A4541H
5992	
6216	
Power Output Triode	
6877	
Rectifiers	
5960	
6106	
TRANSMITTING TUBES	
Triodes	
*100TH	VT-218, EE100TH, 3-100A4/100TH
*250TH	RK63/A, VT-220, HK454H
*450TH	E450TH, F450TH, 3-450A4/450TH, VT-108, HK854H, 854H, WL450
811A	811-A
880	WL880, GL880, ML880
5667	
6336A	(not listed)
Tetrodes	
4-1000A	
*6146	
Pulse Modulators	
3D21B	
5948A	(not listed)
5949A	(not listed)
6293	
7322	1802
Rectifiers, Vacuum	
*1B3GT	1B3GT/8016
*1Z2	R1045
576A	
Rectifiers, Gas	
6C	EL6C
857B	WL857B, F357A, 3072, F857B, GL857B, 3815B, EB42, GL510
869B	3071, F869B, UC869A, WL869B, GL869B, CE869B, F369B, EE869B
Thyratrons	
884	VT-222, GL884, 6Q5G, RX884
5957	(not listed)
Planar and Pencil Tubes	
2C41	ZP602, L-30-P
3CX100A5	2C39WB
5675	A2352
5876	A2351
6173	
6299	L29, Z3011
7077	
MICROWAVE TUBES	
Klystrons	
2K22	1400XQ
*2K28	QK28, 2Q28
2K29	1414XQ-1415XQ
726B	
726C	
6781	(not listed)
6845	QK386
6940	(not listed)
Magnetrons	
5780	1358
6229	6229/6230, QK299
6510	
6543	6543/4J52T, 4J52T
6551	QK444
7361	(not listed)
Gas Switching, TR	
1B63A	X6044
6322	BL25
7381	(not listed)
Beam Switching Tube	
6700	
Cathode Ray Tubes	
1DP1	(not listed)
1DP7	(not listed)
1DP11	(not listed)
3ABP1	
3ACP12A	K1105
6DP7	K1262P7, Z4495
7AEP7	K1268P
7YP2	K1124
22CP7A	
22CP26A	
Phototubes	
1P30	CE2C, 71A3
1P37	C1706
1P39	
1P40	
927	1P32, NU20, NU20C, GL927, 51A3, G15F, CE25C, CE25D, NU25C, 53AWB
Voltage Regulator	
6627/ OB2D3	(not listed)
Tuning Indicator	
6E5	VT-215
Noise Generator	
6D4	
Electrometer Tubes	
5800	VX-41A, VX124, VX41A
5886	CK571AX

*Also U.S. tubes in NATO Priority List of Electronic Valves

Military Preferred List, Similar Tube Types

Number in MIL-STD-200E	Remarks from MIL-HDBK-213
RECEIVING TUBES	
Diodes	
5647	SN978 is long-life version
5726/ 6AL5W	equiv. to 6AL5 and 6097
5896	6052 is high-temp. version
Triodes	
5703WB	version of 5703WA, which is equiv. to 5703 and 6149
5718	5718A is equivalent
5719	similar to 5637 (SD917, SD917A)
5744WB	6151 is equiv. to 5744WA
6533	similar to 6247, 5744
Twin Triodes	
5670	similar to 2C51, equiv. to 6185
5751	similar to 12AX7, 6057
5814A	equiv. to 5814, 5814WA; similar to 12AU7
6021	equiv. to 6BF7 and 6021A; similar to 2C51 and 5670
6112	6112A is equivalent
Pentodes, Remote	
5749/ 6BA6W	equiv. to 6BA6
5899	similar to 6154
Pentodes, Sharp	
5654/ 6AK5W	equiv. to 6AK5 and 6096
5702WB	version of 5702WA (5702, 6148)
5840	similar to 5638 and 6153
Mixers and Converters	
5725/ 6AS6W	equiv. to 6AS6 and 6187; similar to 6486
5750/ 6BE6W	equiv. to 6BE6
Power Output, Pentodes	
6L6WGB	reliable version of 6L6
5639	5639A is equivalent
5902	5902A is equivalent
6005/ 6AQ5W	equiv. to 6AQ5 and 6095
6094	similar to 6005 and 6AQ5
6384	equiv. to 6098/ 6AR6WA
Power Output, Triodes	
5687WA	equiv. to 5687 (TS229)
6080WB	equiv. to 6080WA
Rectifiers	
5R4WGB	equiv. to 5R4GA; sim. to 5R4GY
5Y3WGTA	equiv. to 5Y3GT
5641	5641A is equivalent
5993	similar to 6X4
6203	similar to 6X4
TRANSMITTING TUBES	
Triode	
3X2500A3	replaces 3X2500A, A1 and A2
Tetrodes	
4X150A	4X250B is interchangeable
4X250B	4X150A is interchangeable
Twin Tetrodes	
832A	replacement for 832
5894	improved 829B
Pulse Modulators	
4C35A	modified 4C35; obsolete, use 4C35
5C22	supersedes 5C22A
6130	high altitudes version of 3C45
Rectifiers	
578	similar to CE220
3B28	similar to 3B25, 3B27, 836, 866A
Thyratrons	
5643	similar to L-1300
5684/ C3J/A	improved 5632/C3J
5696	similar to 5663
5727/ 2D21W	equiv. to 2D21
Kleptron, Magnetron	
6116	rugged 2K45
5586	tunable 4J31-35, sim. to QK253
ATR and TR	
1B35A	replaces 1B35
1B23	will replace 702B with modification kit
Voltage Regulators	
5651WA	equiv. to 5651 (S901C); similar to 5783WA
5783WA	equiv. to 5783; similar to 5651WA
5787WA	equiv. to 5787; similar to OB2 and OC3/VR105

Military Guidance List, Similar Tube Types

Number in MIL-STD-200E	Remarks from MIL-HDBK-213
RECEIVING TUBES	
Triodes	
5703WA	equiv. to 5703 and 6149
6222	equiv. to 5719
6286	similar to 5676
7137	similar to 6J4WA
Twin Triodes	
5670A	5670 is similar to 2C51
6072	similar to 12AY7
6414	equiv. to 5965 and 6829
6829	equiv. to 5965 and 6414
Sharp Pentodes	
5702WA	equiv. to 5702 and 6148; similar to 6AK5 and 5654
6205	6205A is equivalent
Power Output Pentodes	
6CL6	miniature version of 6AG7
5763	transmitting version of 6AQ5
5992	similar to 6V6
Rectifiers	
6106	equivalent to 5Y3GT; similar to 6853
TRANSMITTING TUBES	
Triodes	
100TH	similar to 4C22/ HF100, RK38, HK254
450TH	nearest equivalent is HK854H
811A	improved 811 (VT-127)
5667	interchangeable with 889RA
Pulse Modulators	
3D21B	3D21A with T-12 envelope
6293	6146 with pulse ratings
Rectifiers, Vacuum	
1B3GT	replaces 8016
576A	supersedes 576
Rectifiers, Gas	
857B	similar to WE266C
869B	similar to WL424
Thyratron	
884	type 885 characteristics
Planar and Pencil Tubes	
2C41	selected 2C39
3CX100A5	2C39WB (7289) is ceramic metal version
5675	similar to 5794
Klystron	
2K28	equivalent to 707B, except for height
Gas Switching, TR	
1B63A	improved 1B63; see also 6597 (BL320)
Cathode Ray Tubes	
1DP1	1DP is NU2163, NU2164
1DP7	1DP is NU2163, NU2164
1DP11	1DP is NU2163, NU2164
Phototubes	
1P39	improved 929 (GL929, 61DV3)
927	similar to CE36C, which has shorter base
Voltage Regulator	
6627/ OB2DA	OB2 is HD52
Tuning Indicator	
6E5	similar to 6AB5, 6N5

Preferred Transistors

THIS TABLE lists transistor types on both the military and ARINC preferred lists. The latter types are those preferred in commercial aircraft equipment (see note under AEEC on page 29). The table has been compiled by ARINC Research Corporation, a subsidiary of Aeronautical Radio, Inc., as part of its *Transistor Specification Manual* ($10) which includes copies of all relevant specifications. Similar transistor types are generally indexed in manufacturers' transistor handbooks and catalogs.

Explanatory notes

(a) List: A— ARINC Specification 409 Preferred List; M— proposed MIL-STD-701B (adopted February 2, 1961; some on the list did not have military specifications as yet); N— non-U.S. specifications

(b) Package or outline: **LP-S,** lower power-special (see specification); **P-S,** power-special (see specification); **TO(n),** EIA standard (see specification or JEDEC publication No. 12A); **D(n),** see K1007 (Ministry of Aviation, U.K.)

(c) Application: **AF**— audio frequency; **RF**— radio frequency; **S**— switching; **P**— power

(d) Class:

- PAJG — *pnp* alloy junction germanium
- PAJS — *pnp* alloy junction silicon
- PDJG — *pnp* diffused junction germanium
- PDMG — *pnp* diffused mesa germanium
- PDMS — *pnp* diffused mesa silicon
- PDRG — *pnp* drift germanium
- PMAG — *pnp* micro-alloy germanium
- PMDG — *pnp* micro-alloy, diffused germanium
- PSAS — *pnp* surface alloy silicon
- NAJG — *npn* alloy junction germanium
- NDJS — *npn* diffused junction silicon
- NDMS — *npn* diffused mesa silicon
- NFJS — *npn* fused junction silicon
- NGJG — *npn* grown junction germamanium
- NGJS — *npn* grown junction silicon
- NUJS — *npn* unijunction silicon
- NPJS — *npn* planar junction silicon

(e) Specifications: MMR6— Netherlands Military Specification; **NAVY**— U.S. Navy; **SigC**— U.S. Army Signal Corps; **USAF**— U.S. Air Force

(f) European prefixes: **CV**— United Kingdom military types; **ASZ** and **BCZ**— Proelectron types (Proelectron is the European equivalent of EIA)

Transistor Types on the ARINC and Military Preferred Lists

Type Number	List[a]	Pkg[b]	Appl[c]	Class[d]	Specifications[e,f]
2N158A	A	P-S	P	PAJG	Commercial
2N167	A	LP-S	S	NGJG	MIL-T-19500/11 (USAF)
2N174	A	TO-36	P	PAJG	MIL-T-19500/13A
2N220	M	TO-1	AF	PAJG	MIL-T-19500/1
2N297A	M	TO-3	P	PAJG	MIL-T-19500/36A (SigC)
2N326	A-M	TO-3	P	NAJG	MIL-T-19500/40
2N327A	A	TO-9	S-AF	PAJS	Commercial
2N328A	A	TO-9	S-AF	PAJS	MIL-S-19500/110 (SigC)
2N329A	M	TO-9	S-AF	PAJS	MIL-S-19500/111 (SigC)
2N333	A	TO-5	S-AF	NGJS	MIL-S-19500/37B (NAVY)
2N335	A-M	TO-5	S-AF	NGJS	MIL-S-19500/37B (NAVY)
2N336	A	TO-5	S-AF	NGJS	Commercial
2N337	A-M	TO-5	S-RF	NGJS	MIL-S-19500/69C (NAVY)
2N338	A-M	TO-5	S-RF	NGJS	MIL-S-19500/69C (NAVY)
2N341	A-M	LP-S	AF-P	NGJS	Commercial
2N343	A	LP-S	AF-P	NGJS	MIL-S-19500/16B
2N358A	M	TO-9	S	NAJG	MIL-T-19500/63B
2N384	M	TO-44	RF	PDRG	MIL-S-19500/27A
2N388	A-M	TO-5	S-AF	NAJG	MIL-T-19500/65 (NAVY)
2N389	M	P-S	P	NDJS	Commercial
2N393	M	TO-24	S	PMAG	MIL-S-19500/77A (SigC)
2N396A	A-M	TO-5	S	PAJG	MIL-S-19500/64A (NAVY)
2N398	A-M	TO-9	S	PAJG	Commercial
2N404	A-M	TO-5	S	PAJG	MIL-T-19500/20 (USAF)
2N424	M	P-S	P	NDJS	Commercial
2N428	M	TO-5	S	PAJG	MIL-T-19500/44A
2N466	A	TO-5	AF	PAJG	MIL-T-19500/51A (SigC)
2N467	M	TO-5	AF	PAJG	MIL-T-19500/52B (SigC)
2N491	A-M	TO-5	S	NUJS	MIL-T-19500/75 (USAF)
2N498	A-M	TO-5	P	NDJS	MIL-T-19500/74 (NAVY)
2N525	A	TO-5	AF	PAJG	Commercial
2N526	A-M	TO-5	AF	PAJG	MIL-S-19500/60C (NAVY)
2N539	M	TO-10	P	PAJG	MIL-S-19500/38A (NAVY)
2N559	M	TO-28	S	PDMG	MIL-S-19500/152 (SigC)
2N560	M	TO-16	S	PDMG	MIL-S-19500/73A
2N599	M	TO-9	S	PAJG	MIL-S-19500/166 (NAVY)
2N652A	M	TO-5	AF	PAJG	Commercial
2N657	A-M	TO-5	P	NDJS	MIL-T-19500/74 (NAVY)
2N677C	A	TO-3	P	PAJG	Commercial
2N695	M	TO-17	S	PDMS	MIL-S-19500/135 (NAVY)
2N697	A-M	TO-5	S	PDMS	MIL-S-19500/99A (SigC)
2N700	A	TO-17	RF	PDJG	Commercial
2N700A	M	TO-17	RF	PDJG	MIL-S-19500/123 (SigC)
2N705	M	TO-18	S	PDMG	MIL-S-19500/86A (NAVY)
2N706	M	TO-18	S	NDMS	MIL-S-19500/120 (SigC)
2N716	A	TO-18	RF	NDMS	Commercial
2N1011	A	TO-3	P	PAJG	MIL-T-19500/67 (SigC)
2N1016B	A-M	P-S	P	NFJS	Commercial
2N1026A	M	TO-5	AF	PAJG	MIL-S-19500/78A (SigC)
2N1039	A-M	LP-S	P	PAJG	MIL-S-19500/89 (NAVY)
2N1041	A-M	LP-S	P	PAJG	MIL-S-19500/89 (NAVY)
2N1046	M	P-S	P	PAJG	MIL-S-19500/88 (NAVY)
2N1050	M	P-S	P	NDJS	Commercial
2N1118	M	TO-5	RF	PAJS	MIL-S-19500/138 (SigC)
2N1119	M	TO-5	S	PAJS	MIL-S-19500/139 (SigC)
2N1120	A-M	TO-3	P	PAJG	MIL-T-19500/68 (SigC)
2N1132	A-M	TO-9	RF-S	PDMS	Commercial
2N1142	M	TO-5	RF	PDMG	MIL-S-19500/87 (NAVY)
2N1165	M	TO-3	P	PAJG	Commercial
2N1184B	M	TO-8	P	PAJG	MIL-S-19500/143 (SigC)
2N1195	A-M	TO-5	RF-S	PDMG	MIL-S-19500/71A (NAVY)
2N1224	A	TO-33	RF	PDRG	Commercial
2N1225	A	TO-33	RF	PDRG	Commercial
2N1234	M	TO-5	AF-P	PAJS	Commercial
2N1308	M	TO-5	RF	NAJG	MIL-S-19500/126 (NAVY)
2N1309	M	TO-5	RF	NAJG	MIL-S-19500/126 (NAVY)
2N1310	M	TO-9	S	NAJG	MIL-S-19500/125 (SigC)
2N1358	M	TO-36	P	PAJG	MIL-S-19500/122 (SigC)
2N1412	A	TO-36	P	PAJG	MIL-S-19500/76 (NAVY)
2N1485	M	TO-8	P	NDJS	Commercial
2N1486	A	TO-8	P	NDJS	Commercial
2N1500	M	TO-5	S	PMDG	MIL-S-19500/125 (SigC)
2N1613	M	TO-5	RF	NPJS	Commercial
2N1893	M	TO-5	S	NPJS	Commercial
3N35	A-M	TO-12	RF	NGJS	MIL-S-19500/80A (SigC)
CV7003/ OC44	A-N	D2	RF	PAJG	CV7003/MMR6/3[f]
OC72	A-N	D2 fig 4	AF	PAJG	CV7006[f]
CV7007/ OC77	A-N	D2	S	PAJG	CV7007[f]
CV7044/ BCZ-11	A-N	D2	AF	PAJG	CV7044/MMR6/—[f]
CV7085/ ASZ-15	A-N	D4A	P	PAJG	CV7085/MMR6/4[f]

Organizations and Associations

Comprehensive listing of groups serving the electronics industry, allied industries, engineering and scientific fields. Many of these groups issue standards, or commercial specifications

AES—Aerospace Electrical Society (formerly Aircraft Electrical Society): 3540 Wilshire Boulevard, Los Angeles 5, California; Edward I. Niles, executive secretary

AEEC—Airlines Electronics Engineering Committee: c/o Aeronautical Radio, Inc., 1700 K Street, N.W., Washington 6, D.C.; William T. Carnes, chairman; issues reports, specifications and characteristics for commercial aircraft equipment, preferred tubes and transistors

ACI—Alloy Casting Institute: 1001 Franklin Avenue, Garden City, New York, Pioneer 6-3970; E. A. Schoefer, executive vice-president; issues standard and data sheets on heat and corrosion resistant castings

The Aluminum Association: 420 Lexington Avenue, New York 17, New York, Oregon 9-5580; Donald M. White, executive secretary; issues standards on aluminum mill products

AAAS—American Association for the Advancement of Science: 1515 Massachusetts Avenue, N.W., Washington 5, D.C., Dupont 7-7171; Dael Wolfe, executive officer

TACS—The American Ceramic Society: 4055 North High Street, Columbus 14, Ohio, Amherst 8-8645; Frank Reid, associate secretary (has electronics division)

ACIL—American Council of Independent Laboratories: 4302 East-West Highway, Washington 14, D.C., Oliver 4-0835; H. M. Dudley, executive secretary

ACDI—American Die Casting Institute: 366 Madison Avenue, New York 17, New York, Murray Hill 2-2925; David Laine, secretary; issues standards on die casting

AICE—American Institute of Consulting Engineers: 33 West 39th Street, New York 18, New York. Longacre 3-4849; T. T. McCrosky, secretary

AIEE—American Institute of Electrical Engineers: 33 West 39th Street, New York 18, New York, Pennsylvania 6-9220; N. S. Hubshman, secretary; J. J. Anderson, secretary, standards committee; issues standards for electrical and some electronic equipment, components and insulations

AIP—American Institute of Physics: 335 East 45th Street, New York 17, New York, Murray Hill 5-1940; Wallace Waterfall, secretary

AMA—American Management Association: 1515 Broadway, New York 36, New York, Judson 6-8100; Gabriel N. Stilian, administrative services division manager

AMS—American Meteorlogical Society: 45 Beacon Street, Boston 8, Massachusetts, Capitol 7-2425; Kenneth C. Spengler, executive secretray

ANS—American Nuclear Society: 86 East Randolph Street, Chicago 1, Illinois, Financial 6-7550; Octave J. Du Temple, executive secretary

The American Physical Society: Columbia University, New York 27, New York; Karl K. Darrow, secretary

ARRL—The American Radio Relay League: 38 LaSalle Road, West Hartford 7, Connecticut; John Huntoon, secretary and general manager

AREA—American Railway Engineering Association: 59 East Van Buren Street, Chicago 5, Illinois; N. D. Howard, executive secretary (interests include railway communications, etc.)

ARS—The American Rocket Society: 500 Fifth Avenue, New York 36, New York, Pennsylvania 6-6845; Owen A. Kean, director of marketing

ASEE—The American Society for Engineering Education: University of Illinois, Urbana, Illinois, Empire 7-9731; W. Leighton Collins, secretary

ASM—American Society for Metals: Metals Park, Novelty, Ohio, Edgewood 8-5151 (Russell, Ohio); Allan Ray Putnam, managing director; issues a metals handbook

ASQC—The American Society for Quality Control: 161 West Wisconsin Avenue, Milwaukee 3, Wisconsin; William P. Youngclaus, Jr., administrative secretary

ASSE—American Society of Safety Engineers: 5 North Wabash Avenue, Suite 1705, Chicago 2, Illinois, Dearborn 2-4024; A. C. Blackman, managing director

ASTM—American Society for Testing Materials: 1916 Race Street, Philadelphia 3, Pennsylvania, Locust 3-5315; Thomas A. Marshall, Jr., executive secretary; issues specifications, testing methods, recommended practices, etc., for a wide variety of materials

ASA—American Standards Association: 10 East 40th Street, New York 16, New York, Murray Hill 3-3058; G. F. Hussey, Jr., managing director; United States member of thé International Organization for Standardization. ASA, as the national clearing house for voluntary standards, issues standards affecting most industries. It is sponsored by some 122 associations. Many of the standards-issuing associations make their standards available through ASA

American Vacuum Society: Box 1282, Boston 9, Massachusetts; Harold C. Weingartner, secretary-clerk; currently preparing a number of standards

AWS—American Welding Society: 33 West 39th Street, New York 18, New York, Pennsylvania 6-9220; Arthur L. Phillips, secretary information and education; issues codes, standards and specifications

AFCEA—Armed Forces Communications and Electronics Association: 1624 Eye Street, N.W., Washington 6, D.C.; Col. W. J. Baird, general manager

AABM—The Association of American Battery Manufacturers: 19 North Harrison Street, East Orange, New Jersey, Orange 3-3400; B. F. Morris, executive secretary; issues specifications for storage battery materials a test standard

EPEM—Association of Electronic Parts and Equipment Manufacturers: Suite 1500, 11 South LaSalle Street, Chicago 3, Illinois, Dearborn 2-4217; Kenneth C. Prince, executive secretary

AFCCE—Association of Federal Communications Consulting Engineers: c/o David L. Steel, Sr., secretary, 1413 K Street, N.W., Washington 5, D.C., Executive 3-5670

ASL—Association of Standards Laboratories (tentative — was being organized at press time): c/o H. C. Biggs, chairman of the ad hoc committee, Department 2750, Sandia Corporation, Albuquerque, New Mexico

AIF—Atomic Industrial Forum: 3 East 54th Street, New York 22, New York, Plaza 4-1075; Charles E. Robbins, executive manager

AES—Audio Engineering Society: Post Office Box 12, Old Chelsea Station, New York 11, New York, Oregon 5-7820; C. J. LeBel, secretary; issues standard for disk recording

CABRA—Copper & Brass Research Association: 420 Lexington Avenue, New York 17, New York, Murray Hill 6-2470; T. E. Veltfort, managing director; Carl H. Pihl, secretary

ECS—The Electrochemical Society: 1860 Broadway, New York 23, New York, Circle 5-6282; Robert K. Shannon, executive secretary; Martin F. Quaely, chairman of the electronics division, c/o Westinghouse Electric Corporation, Lamp Division, Research Department, Bloomfield, New Jersey

EIA—Electronics Industries Association: 1721 DeSales Street, N.W., Washington 6, D.C., National 8-3902; James D. Secrest, executive vice-president (this address for all inquiries except those affecting the Engineering Department)

Engineering Department, Electronic Industries Association: Room 2260, 11 West 42nd Street, New York 36, New York, Longacre 5-0717; Virgil M. Graham, associate director; issues specifications and recommended standards for electronic equipment, components, color-coding, etc.

JEDEC—Joint Electron Device Engineering Council: Virgil M. Graham, of EIA Engineering Department, is administrative director; all JEDEC publications and standards are included in the EIA Engineering Department list

Electronics Manufacturers Association: 55 West 42nd Street, New York 36, New York, Pennsylvania 6-4864; John W. Martindale, executive secretary (interest is primarily labor relations in New York area)

ERA—Electronic Representatives Association: 600 South Michigan Avenue, Chicago 5, Illinois, Harrison 7-0100; William C. Weber, Jr., executive director

Engineers' Council for Professional Development: 29 West 39th Street, New York 18, New York; Elsie Murray, executive secretary; sponsored by several professional engineering societies

EJC—Engineers Joint Council: 29 West 39th Street, New York 18, New York, Pennsylvania 6-9220; sponsored by several professional societies, includes the Engineering Manpower Commission, at the New York address, and the Scientific Manpower Commission, 1507 M Street, N.W., Washington 5, D.C.

Ferrite Manufacturers Association: See MPI

FM Broadcasters: c/o Ben Strouse, WWDC, 8800 Brookville Road, Silver Spring, Maryland

HAIC—Hearing Aid Industry Conference: 123 Worcester Street, Boston 18, Massachusetts, Kenmore 6-6207; Rolf Stutz, president; is adopting code of electrical standards

IAS—Institute of the Aerospace Sciences: 2 East 64th Street, New York 21, New York, Templeton 8-3800; S. Paul Johnston, director; West Coast Office, 7660 Beverly Boulevard, Los Angeles 36, California

Institute of Environmental Sciences (formerly Institute of Environmental Engineers and Society of Environmental Engineers): Post Office Box 191, Mt. Prospect, Illinois, Clearbrook 5-1561; Henry F. Sander, executive secretary; standards are under consideration

IHFM—Institute of High Fidelity Manufacturers: 125 East 23rd Street, New York 10, New York, Algonquin 4-3532; Abraham Schwartzman, executive administrator; issues measurement standards for tuners and amplifiers, other standards in preparation

IPC—The Institute of Printed Circuits: 27 East Monroe Street, Chicago 3, Illinois, Randolph 6-3727; R. E. Pritchard, executive secretary; issues specifications for printed circuit dimensions and plans to issue, with NEMA, a specification for laminates

IRE—The Institute of Radio Engineers: 1 East 79th Street, New York 21, New York, Lehigh 5-5100; L. G. Cumming, technical secretary; issues numerous standards affecting electronic equipment, components, test methods, etc.

ISA—Instrument Society of America: 313 Sixth Avenue, Pittsburgh 22, Pennsylvania; V. W. S. Kora, meetings manager; issues recommended practices for instruments and instrumentation devices

IMSA—International Municipal Signal Association: 130 West 42nd Street, New York 36, New York, Chickering 4-4663; Irvin Shulsinger, secretary; issues specifications on wire and cable and fire alarm boxes

ICI—Investment Casting Institute: 27 East Monroe Street, Chicago 3, Illinois, Randolph 6-3727; H. P. Dolan, executive director; issues dimensional tolerance standards and specifications

JCEB—Joint Council on Educational Broadcasting (formerly Joint Council on Educational Television): 1785 Massachusetts Avenue, N.W., Washington 6, D.C., Hudson 3-6620; David C. Stewart, secretary

MRIA—Magnetic Recording Industry Association: 110 North Wacker Drive, Chicago, Illinois

MPI—Metal Power Industries Federation: 60 East 42nd Street, New York 17, New York, Murray Hill 2-7888; Kempton H. Roll, executive secretary; sponsored by several powder metal associations; issues standards for metal powders, magnetic powder cores, ferrite cores, etc.

NATESA—National Alliance of Television & Electronic Service Associations: 5906 South Troy Street, Chicago 29, Illinois, Grovehill 6-6363; Frank J. Moch, executive director

NAB—National Association of Broadcasters: 1771 N Street, N.W., Washington 6, D.C.; Everett E. Revercomb, secretary-treasurer; issues recording and reproducing standards and broadcasting codes

NACE—National Association of Corrosion Engineers: 1061 M&M Building, Houston 2, Texas, Capitol 4-6108; T. J. Hull, executive secretary

NAEB—National Association of Educational Broadcasters: 1346 Connecticut Avenue, N.W., Washington 6, D.C., North 7-6000; William G. Harley, president

NARM—National Association of Relay Manufacturers: c/o V. A. Hedlund, president, R-B-M Controls Division, Essex Wire Corporation, Logansport, Indiana; technical director is Professor Charles F. Cameron, Oklahoma State University, Stillwater, Oklahoma; preliminary relay testing procedures report has been issued

NAVA—National Audio-Visual Association: 1201 Spring Street, Fairfax, Virginia, Crescent 3-3880; Don White, executive vice-president

NBAA—National Business Aircraft Association: 344 Pennsylvania Building, Washington 4, D.C., National 8-0804; William K. Lawton executive director; cooperates with government agencies on standards and regulations affecting electronic equipment in business aircraft

NCTA—National Community Television Association: Transportation Building, 17th and H Streets, Washington, D.C.; William Dalton, president

NETRC—National Educational Television and Radio Center: 10 Columbus Circle, New York 19, New York; John F. White, president; 2320 Washtenaw Avenue, Ann Arbor, Michigan, Normandy 3-2476, engineering office; issues videotape, television studio and motion picture technical requirements

NEDA—National Electronic Distributors Association: Suite 1414, 343 South Dearborn Street, Chicago 4, Illinois, Harrison 7-5526; Gail S. Carter, executive vice president

NEC—National Electronics Conference: 228 North LaSalle Street, Chicago 1, Illinois, Franklin 2-0190; R. J. Napolitan, general manager; annual conference sponsored by several societies and universities

NJCC—National Joint Computer Committee: c/o Morris Rubinoff, chairman, 517 Anthwyn Road, Merion Station, Pennsylvania, Mohawk 4-8427; sponsors Eastern and Western Joint Computer Conferences

NSPE—National Society of Professional Engineers: 2029 K Street, N.W., Washington 6, D.C., Federal 7-2211; Paul H. Robbins, executive director; legislative, educational and cooperative activities, not technical

OSA—Optical Society of America: 1155 16th Street, N.W., Washington 6, D.C., District 7-6177; Mary E. Warga, executive secretary

Phonograph Manufacturers Association: 37 West 53rd Street, New York 19, New York, Circle 6-2940; A. D. Adams, executive secretary

Powder Metallurgy Parts Manufacturers Association: see MPI for this and other metal powder groups

PMA—Precision Measurements Association: 826 North Victory Boulevard, Burbank, California, Victoria 9-3013; Frank Thoma, secretary; is preparing recommended practices and procedures for electrical standards

RTCA—Radio Technical Commission for Aeronautics: Room 1072, Building T-5, 16th & Constitution Avenue, N.W., Washington 25, D.C., Sterling 3-8984; L. M. Sherer, executive secretary; issues minimum performance standards for aircraft and air traffic control equipment and instruments

RWMA—Resistance Welder Manufacturers' Association: 1900 Arch Street, Philadelphia 3, Pennsylvania, Locust 4-3484; R. Bruce Wall, secretary-treasurer; issues standards

SAMA—Scientific Apparatus Makers Association: 20 North Wacker Drive, Chicago 6, Illinois, State 2-0277; Richard D. Hannan, executive secretary, industrial instrument section

SEG—Society of Exploration Geophysicists: 810 Shell Building, Tulsa 19, Oklahoma, Luther 7-4438; Colin Campbell, business manager

SMPTE—Society of Motion Picture and Television Engineers: 55 West 42nd Street, New York 36, New York, Longacre 5-0172; J. Howard Schumacher, staff engineer; issues test films and, through ASA, standards and recommended practices

SNT—Society for Nondestructive Testing: 1109 Hinman Avenue, Evanston, Illinois, University 4-2842; Philip D. Johnson, national secretary; issues nondestructive testing handbook

SPHE—Society of Packaging and Handling Engineers: Suite 1534, 14 East Jackson Boulevard, Chicago 4, Illinois, Harrison 7-6123; Miss Kay Crowley, administrative secretary

SPIE—Society of Photographic Instrumentation Engineers: Post Office Box 288, Redondo Beach, California; A. J. Carr, executive secretary

SPE—Society of Plastics Engineers: 65 Prospect Street, Stamford, Connecticut, Fireside 8-7528; Thomas A. Bissell, executive secretary

SPI—The Society of the Plastics Industry: 250 Park Avenue, New York 17, New York, Murray Hill 7-2675; Langdon P. Williams, director of public relations; issues standards on plastics products

STWP—Society of Technical Writers & Publishers: Box 3706, Beechwold Station, Columbus 14, Ohio; Mrs. Norma J. Kennedy, office manager

SES—Standards Engineers Society: H. R. Terhune, ITT Laboratories, 525 Main Street, Belleville, New Jersey, president; R. F. Francoise, General Electric Company, Bldg. 36 – Room 645, Schenectady, New York, secretary

USITA—United States Independent Telephone Association: 438 Pennsylvania Building, Washington 4, D.C., National 8-6512; Clyde S. Bailey, executive vice-president

WEMA—Western Electronic Manufacturers Association: 1435 South La Cienega Boulevard, Los Angeles 35, California, Oleander 5-9640; E. E. Ferrey, executive director; cosponsor of WESCON

WA—The Wire Association: 453 Main Street, Stamford, Connecticut, Davis 3-0482; Richard E. Brown, executive secretary

British and Canadian

British Institution of Radio Engineers: 9, Bedford Square, London, W.C. 1, Museum 1901-1903; G. D. Clifford, general secretary; issues (through its JOURNAL) technical recommendations and methods of expressing characteristics of instruments, power supplies, etc.

British Standards Institution: British Standards House, 2 Park Street, London, W. 1, Mayfair 9000; comparable to ASA; British member of the International Organization for Standardization; issues a wide variety of standards, including those affecting electrical and electronic engineering; British standards may be purchased from ASA

Radio Components Standardisation Committee: government agency (Admiralty, Ministry of Aviation and General Post Office); address to Ministry of Aviation, Secretary R.C.S.C., Castlewood House, 77-91 New Oxford Street, London, W.C. 1, Museum 3644; issues Joint Service Standards for radio components

CAB—Canadian Association of Broadcasters: Post Office Box 627, Station "B", Ottawa, Ontario, Central 3-4035; T. J. Allard, executive vice president

Canadian Radio Technical Planning Board: Room 410, 200 St. Clair Avenue West, Toronto 7, Ontario, Walnut 3-4543; F. W. Radcliffe, secretary-treasurer

CSA—Canadian Standards Association: 235 Montreal Road, Ottawa 2, Ontario, Sherwood 9-5971; F. A. Sweet, general manager; comparable to ASA; issues wide variety of standards, including electrical and radio; Canadian standards may be purchased from ASA

Electronic Industries Association of Canada: 200 St. Clair Avenue, West, Toronto 7, Ontario, Walnut 1-2898; F. W. Radcliffe, general manager; issues recommended standards and specifications

International Organizations

IEC—International Electrochemical Commission: 1 Rue de Varembe, Geneva, Switzerland; a technical division of the ISO, International Organization for Standardization; standards are available through ASA

ITU—International Telecommunication Union: Palais Wilson, Geneva, Switzerland; Gerald C. Cross, secretary-general; provides international liaison, frequency registration and consultative services

Pan American Standards Committee: United States is represented by ASA

Union of International Associations: Palais d'Egmont, Brussels, Belgium; publications include INTERNATIONAL CONGRESS CALENDAR of events

WMO—World Meteorological Organization: The Secretary-General, 41, Avenue Giuseppe Motta, Geneva, Switzerland; interests include instruments, satellites, telecommunications, etc.

Symbols Dictionary

Circuit Elements | Semiconductors | Electron Tubes | Logic

Symbols frequently used for schematic and logic diagrams, including a selection of non-standard symbols

The majority of symbols generally used in schematics have been standardized in *Graphical Symbols for Electrical Diagrams, ASA Y32.2-1954*, and *Graphical Symbols for Semiconductor Devices, 57 IRE 21.S3*, which should be consulted for other symbols and details on their use. The symbols marked with an asterisk (*) and logic symbols are not included in those standards, although some may be found in other standards or implied in the various standards.

CIRCUIT ELEMENT

general (abbreviation or letter symbols identify type)

AMPLIFIER

single line

complete

two inputs

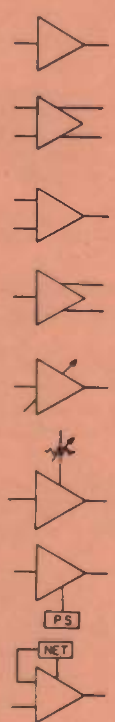
two outputs

adjustable gain

with associated attenuator

with associated power supply

with external feedback path

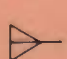


AMPLIFIER ABBREVIATIONS

BDG	bridging
BST	booster
CMP	compression
DC	direct current
EXP	expansion
LIM	limiting
MON	monitoring
PGM	program
PRE	preliminary
PWR	power
TRQ	torque

ANTENNA

general

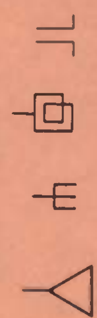


dipole (complete)

loop

counterpoise

*horn



ARRESTER GAP

general

carbon block

electrolytic or aluminum cell

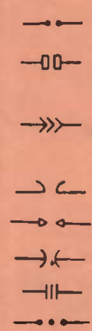
horn

protective

sphere

valve or film

multigap



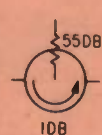
ATTENUATOR

balanced

unbalanced

*ATTENUATOR, UNIDIRECTIONAL

(shown: attenuation in main direction, 1 db; opposite direction, 55 db

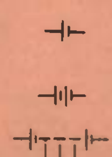


BATTERY

direct-current source (general) and one cell

multicell

multicell with taps (complete)



BREAKER, CIRCUIT

air; a-c 1,500 v and less; d-c

other (use identifying lettering)

CAPACITOR

general (curve is outside or negative electrode, moving or low-potential element)

shielded

adjustable or variable

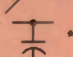
mechanically linked (complete)

adjustable or variable differential (complete)

phase-shifter (complete)

split stator (complete)

shunt or *coupling

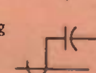


*indicates carrier function

COM	communication
LC	load control
REL	relaying
SUP	supervisory
TLM	telemetering
TT	transferred trip

feed-through, with terminals (complete)

capacitance bushing for circuit breaker or transformer



*polarized electrolytic

*nonlinear

CELL, PHOTOSENSITIVE

asymmetrical photoconductive transducer

symmetrical photoconductive transducer; selenium cell

photovoltaic transducer; barrier photocell; blocking-layer cell

CHASSIS FRAME

(not necessarily at ground potential)

***CIRCULATOR**

(arrow as shown indicates power flow to next arm, but not to others)

COIL, OPERATING
(identify in circle)

*coil, operating

*multiwinding (3 windings)

COAXIAL CABLE

(used with recognition symbols at path ends and intermediate points)

CONDUCTORS
see transmission path

CONNECTIONS AND DISCONNECTIONS

mechanical connection

female disconnect contact

male disconnect contact

stationary jack or receptacle (complete)

movable plug (complete)

engaged (complete)

coaxial, outside conductor carried through (complete)

coaxial, connected to single conductor (complete)

*bulkhead, feed-through

2-conductor jack (complete)

2-conductor plug (complete)

power supply (outlet), 2-conductor, nonpolarized, male (complete)

outlet, connector, polarized, female

CONTACT, ELECTRICAL

fixed: for jack, key, relay, etc.

fixed: for switch

fixed: for momentary switch

sleeve

moving, adjustable: for resistor, inductor, etc.

moving, locking

moving, non-locking

segment; bridging

vibrator reed

vibrator, split reed

rotating, with brush

CONTACT ASSEMBLIES

closed (break)

open (make)

transfer

make-before-break

time closing (shown open)

time sequential closing

CONTROL

*manual

*screwdriver

CORE

— air — no symbol, identify if necessary by note adjacent to symbol of inductor or transformer

— magnetic

— magnet or relay

*Core, Memory

*Core, Square Loop

Core, Toroidal

COUNTER, Electromagnetically Operated — Message Register

general (complete)

with make contact (complete)

COUPLER, DIRECTIONAL

general; arrows indicate direction of power flow, number of coupling paths, type of coupling and transmission loss may be shown

aperture coupling, 30-db loss

loop coupling

probe coupling

resistance coupling

when showing aperture coupling, E in circle indicates that physical plane of aperture is perpendicular to the transverse component of the major E lines; H, aperture plane parallel to transverse component of major E lines; HE, coupling by all other apertures

COUPLING

by loop to space

by loop to guided transmission path

by probe to space

by loop from coaxial to circular waveguide with d-c grounds connected

by probe from coaxial to rectangular waveguide with d-c grounds connected

***COUPLING, MECHANICAL**

*clutch

*brake

CRYSTAL UNIT, PIEZOELECTRIC

***DELAY LINE**

DISCONTINUITY (or impedance)

equivalent series element, general

capacitive reactance

inductive reactance

inductance-capacitance circuit with infinite reactance at resonance inductance-capacitance circuit with zero reactance at resonance

resistance

equivalent shunt element, general

capacitive susceptance

conductance

inductive susceptance

inductance-capacitance circuit with infinite susceptance at resonance

inductance-capacitance circuit with zero susceptance at resonance

EARPHONE, TELEPHONE RECEIVER, HEARING AID

general

headset

***FIELD POLARIZATION**

* – rotator

* – amplitude modulator

***FLANGES**

* – plain

* – choke

*mated, plain, in rect. waveguide

*mated, plain and choke, with d-c isolation

FUSE

fuse

fusible element

*fuse

*with alarm contact OR

GROUND

*segregated

*to earth

*to vehicle

HANDSET

general

with push-to-talk switch

4-conductor with push-to-talk switch (complete)

HYBRID

general OR HYB OR

junction

rectangular waveguide and coaxial coupling

circular: E or H in circle indicates principal transverse field in plane of the ring; HE is used in all other cases; critical distances are labeled in terms of guide wavelengths

INDUCTOR WINDING

general OR

magnetic core

tapped

adjustable inductor

adjustable or continuously adjustable inductor

shunt inductor

saturable-core inductor (d-c winding on top) (complete)

***ION CHAMBER**

***ISOLATION, D-C,** of Waveguide Path (intentional)

LAMPS

ballast lamp or tube

fluorescent (2-terminal) (complete)

a-c glow, cold cathode or neon

d-c glow, cold cathode or neon

incandescent

communication switchboard

indicating, pilot, signaling or switchboard (letters indicate color) OR OR

*jeweled signal light

***MAGNETIC HEAD**

– writing

– reading

– erasing

– writing and reading

– reading and erasing

MAGNET, PERMANENT PM

MACHINE, ROTATING

basic; generator; motor; wound motor (for details on types and winding, see ASA Y32.2-1954)

MOT GEN

METER

letter inside circle indicates type

voltmeter V

microammeter μA

MICROPHONE

MOTION, MECHANICAL

translation – 1 direction

– both directions

rotation – 1 direction

– both directions

PAD

balanced, general

unbalanced

PICKUP, mechanoelectric (complete)

RECTIFIER, METALLIC

general (also for asymmetrical varistor, crystal diode, electrolytic rectifier

full-wave bridge

RELAY

(letter symbols added indicate functional features)

basic R

relay coil (device designation goes in circle) OR OR

relay with transfer contacts OR OR

polarized relay with transfer contacts (dot shows inner end of winding (complete)

REPEATER

one way

2-wire, 2-way

2-wire, 2-way with low-frequency bypass

4-wire, 2-way

RESISTOR

general; tapped; adjustable contact; variable

instrument or relay shunt

shunt

*pressure potentiometer

RESOLVER, ELECTROMECHANICAL

*single-wound rotor (arrows are inputs)

*complete

RESONATOR

general

tunable, with adjustable Q couplec by probe to coaxial system

ROTARY JOINTS

*coaxial in rect. waveguide

*circular waveguide in rect. waveguide

SHIELDING

electric or magnetic; if other, identify

*SOLION

SHIFTER, PHASE

*Shifter, Phase, Differential

SIGNALLING DEVICES

bell

buzzer

horn, loudspeaker, siren, howler (letters may identify type)

visual annunciator

Sounder, Telegraph (complete)

SOLENOID

*delayed dropout

*delayed pickup

*pilot valve, normally open

SOURCES

a-c source, oscillator

d-c source (or battery cell)

SUPPRESSION, MODE

SWITCH

general

—single throw

—double throw

—knife

pushbutton

—circuit closing (make)

—circuit opening (break)

—2-circuit

nonlocking; momentary or spring return

—circuit closing (make) OR

—circuit opening (break) OR

—2-circuit OR

—transfer OR

—make-before-break

locking (key switches, relays, jacks at left; toggle at right)

—circuit closing (make) OR

—circuit opening (break) OR

—transfer, 2-position OR

—transfer, 3-position OFF

—make-before-break

selector or multiposition

—general, break-before-make, nonshorting during contact transfer (nonbridging) OR

—make-before-break bridging OR

—segmental contact

safety interlock

—circuit opening

—circuit closing

—hook

in evacuated envelope OR

*flow

— closes on increase

— opens on increase

*foot-operated

— closed

— opened

*limit

*—machine closed

*—machine opened

*—held opei.

*—held closed

*pressure

*rotary snap

*time delay

— opening (arrow indicates direction of time delay)

TD

— closing (arrow indicates direction of time delay)

TDC

thermally actuated

— general

—*opened

—*closed

SYNCHRO

may have letter symbol to indicate type

transformer, receiver, transmitter (complete)

differential receiver, transmitter (complete)

*resolver

TELEGRAPH KEY

(complete)

TERMINAL BOARD OR STRIP

(4 terminals shown)

*or

TERMINATIONS

cable (cable is line at left)

open circuit (not a fault)

short circuit (not a fault)

coaxial cable and waveguide

— movable short

— series capacitor, path open

— series inductor, path shorted

— terminating resistor

— series resistor, path open

THERMAL ELEMENT

actuating device

thermal cutout; flasher

thermostat
— break
— make

thermostat with integral heater and transfer contacts

THERMISTOR

general (complete)

with independent integral heater (complete)

THERMOCOUPLE (all symbols complete)

general

with integral heater
— internally connected

HEATER

— insulated

HEATER

semiconductor
— temperature measuring

— current measuring

TRANSDUCERS, ACOUSTIC

*magnetostrictive

A

*crystal type

A

TRANSFORMER

general (use appropriate markings); in coaxial and waveguide, taper or step transformer without mode change

OR

magnetic core

magnetic core with shield between windings connected to frame

shielded

adjustable inductance
— 1 winding adjustable

— windings separately adjustable

— mutual inductor, constant current transformer

autotransformer

1-phase induction voltage regulator

current transformer

potential transformer

TRANSMISSION PATH

(see also ground, waveguide, etc.)

guided path, general; conductor, wire

air or space

dielectric, except air

DIEL

crossing, no connection

junction of different-sized cables

junction of paths

associated conductors (twisted pair shown) (complete)

P OR P

shielded 5-conductor cable, separated for convenience on complete symbol

alternate or conditional wiring (explain on complete symbol)

associated or future

*twisted pair

*multichannel paths

— two-channel

— three-channel

— n=number

n

*connections

— to bus (no connection is also shown)

— comomon (place code at *)

* OR *

coaxial cable

*coaxial conductor, grounded shield

*coaxial line

*contact

— normally conducting

— normally open

*sandwich line

*stripline

*TUNER

(in waveguide or coaxial)

VARISTOR

asymmetrical

symmetrical

VIBRATOR

shunt drive (typical)

separate drive (typical)

WAVEGUIDE (mode may be shown)

circular

rectangular

*constricted section

*transition (e.g., X to K-band)

*transition, step

Electron Tubes

PARTS

emitting electrode
— directly heated cathode

— indirectly heated cathode

— cold cathode

— photocathode

— pool cathode

— ionically heated with provision for supplementary heating

controlling electrode

— grid (including beam-confining or beam-forming electrodes)

— deflecting (in pairs); reflecting or repelling (in velocity-modulated tubes)

— ignitor (pool tubes); starter (gas tubes)

— excitor (contactor-type)

collecting electrode
— anode or plate (including collecting electrode and fluorescent target)

— target or x-ray anode

collecting and emitting electrode
— dynode


alternately collecting and emitting electrode
— composite anode-photocathode

— composite anode-cold cathode

— anode, ionically heated cathode, provision for supplementary heating

heater

envelope (shell)
— general

— split

— gas-filled

shield
— in envelope, connected to independent terminal

— outside x-ray tube envelope

resonators (cavity type)
— single cavity envelope, grid type electrodes

— double cavity envelope, grid type

electrodes
— multicavity magnetron anode and envelope

terminals and keys
— keyed base

— bayonets, bosses and other reference points in base

— base terminals (small and large pins)

— envelope terminals (rigid at top; flexible at bottom)

TUBE, ELECTRON (partial list)

triode

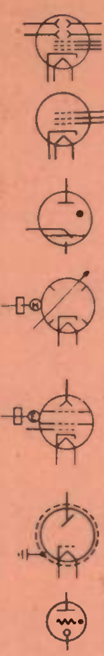
pentode, equipotential cathode

twin triode, equipotential cathode

rectifier; d-c voltage regulator (d-c glow lamp is same)

phototube

photomultiplier



cathode-ray, electric field deflection electrostatic

cathode ray, magnetic deflection

vapor rectifier, single-anode, pool type with ignitor

magnetron, tunable, aperture coupled

reflex klystron, integral cavity, aperture coupled

x-ray, grounded electrostatic shield

*radiation counter, gas-filled

Semiconductors

BASIC SYMBOLS

base region (horizontal line) with ohmic connection (vertical) (1 or more ohmic connections may be shown above or below base region)

transistions between P and N regions (either P to N or N to P)

intrinsic (I) region between regions of dissimilar conductivity type

intrinsic (I) region between regions of similar conductivity type

P region on N region (rectifying junction)

P emitter (slant) on N region (as many as needed above or below horizontal line)

N region on P region (rectifying junction)

N emitter (slant) on P region (as many as required)

collector on region of dissimilar conductivity type (as many as required)

collector separated from a region of opposite-conductivity type by an intrinsic region

collector separated from a region of same conductivity type by an intrinsic region

SEMICONDUCTOR DEVICES

PNP transistor; arrow pointing up is NPN

P-type unijunction transistor (sometimes called double-base diode or filamentary transistor); arrow pointing up is N-type

P-type field-effects transistor; arrow pointing up is N-type

PNPN transistor (hook or conjugate-emitter connection); arrows reversed is NPNP

PNPN transistor (remote base connection); arrow pointing up is NPNP or controlled rectifier

PNPN transistor without base connection

PNP tetrode; arrows pointing up is NPN tetrode

PNIP transistor with ohmic connection to intrinsic region; arrow pointing up is NPIN

PNIN transistor with ohmic connection to intrinsic region; arrow pointing up is NPIP

*phototransistor

*photosensitive field-effects transistor

*unipolar field-effects transistor

*controlled rectifier-silicon (see also NPNP transistor)

*controlled rectifier-germanium

*controlled rectifier (circle may be omitted) *symmetrical or bilateral element (acts as switch)

PN diode (or rectifier)

breakdown PN diode (or Zener diode*)

bipolar voltage limiter (or symmetrical Zener diode*)

PIN triode

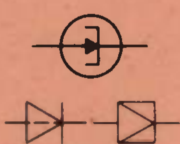
PIN diode

*breakdown diode

*bistable diode

*tunnel diode (preferred)

*tunnel diodes



*capacitor, voltage-variable

*capacitor, non-linear

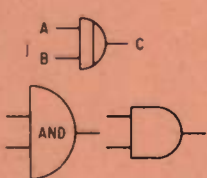
see also: photocell, thermistor, thermocouple, varistor, rectifier-metallic

Logic

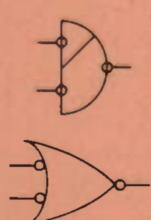
(X may be used in place of C, especially when there are more than two inputs or variables)

AND
(C = f(A,B))
sign in formula C = AB

symbols for gate



equivalents

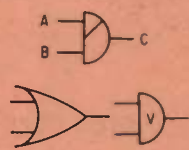


interlock equivalent

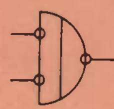
OR

sign in equation C = A + B

symbols for gate



equivalent

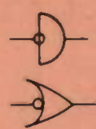


interlock equivalent

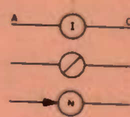
NOT (simple)

sign in equation C = A'

symbols (typical)



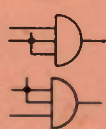
circle inverts of element; I is inverter; arrows may be omitted



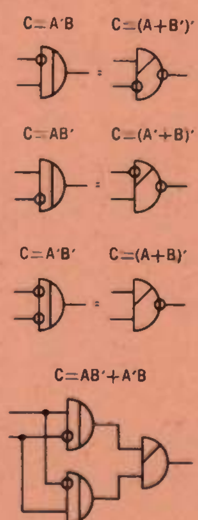
interlock equivalent

INHIBITION

inhibiting inputs

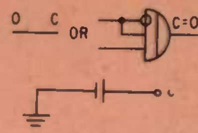


EXAMPLES OF USE

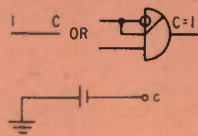


C = 0

OC or C = 0



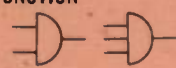
C = 1



C = A   A C

GENERAL SYMBOL FOR LOGIC FUNCTION

symbol

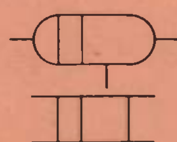


letter symbols

AG	and gate
BO	blocking oscillator
CF	cathode follower
CD	current follower
CT	counter
DL	delay
EF	emitter follower
FF	flip-flop
GD	gap detector
IV	inverter
LS	level setter
(N)	number of bits or stages
OR	or gate
OS	one shot
PA	pulse amplifier
R	reset
RG	register
S	set
SA	shift advance driver
SR	shift register
ST	Schmitt trigger
T	trigger
TG	time generator

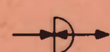
TIME DELAY (typical symbols)

show length of delay inside or nearby

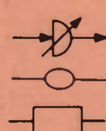


instant energizing, delayed deenergizing

delayed energizing, instant deenergizing

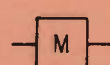


delay, general (indicate time)

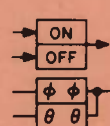


MEMORY

single line



typical complete symbols (lettering may be omitted)



ON dominates

Transistor Gate

Materials Information Centers

Guide to government and private organizations which collect, analyze and disseminate information on the properties, processing and applications of materials important to the electronic industry. Addresses and functions of three dozen centers are listed.

Comprehensive information on the known properties, processing or applications of a specific material – or the materials suited to a specific electronics application – is frequently required as a starting point for a research or engineering project.

Acquiring such information is complicated by the vast quantities of books, journals and reports published annually throughout the world. The Library of Congress, for example, receives some 15,000 scientific and technical journals. Many thousands of documents and reports on materials are not published for general distribution.

Information gathering can be simplified by using the services of the materials information centers established in the United States by the government, military agencies and private organizations. Many of these are equipped to make searches, bibliographies and abstracts, reproduce reports, handle technical investigation or consultation, or conduct research.

Further details on most of the centers listed below are contained in WADD Technical Note 60-246, "Materials Information Centers", by K. A. Winter and Irving Lopatin, McGraw-Hill Book Co., Inc., 1960. It was prepared under a Materials Central (see below) contract and has been released to the Office of Technical Services (see below) for public sale.

The list is not comprehensive. The report cited also details centers for other classes of materials. Excellent collections of technical literature are frequently held at the technical agencies of the military services, by professional and trade associations, by educational institutions and by the larger public libraries. Military agencies and many of the associations are listed in this issue.

Many of the centers listed publish journals and periodical reviews or abstracts of developments in specific fields.

Advisory Group on Electron Tubes

346 Broadway, New York 13, N. Y.

Staffed by New York University. Keeps government agencies advised on R&D projects in tubes and semiconductor devices. Answers inquiries on tube availability and contract status, from government contractors, and also furnishes information to the public. Materials information includes ceramics, ceramic-metal seals, cathode coatings and metals.

Advisory Group on Electronic Parts

Moore School of Electronics
University of Pennsylvania, Philadelphia, Pa.

An agency of the Office of the Assistant Secretary of Defense (R&D). Serves as coordinator and information center for R&D in component parts and miniature assemblies. Information available, on a need to know basis, on magnetic properties and materials used in component parts.

American Society for Metals

Documentation Services, Metals Park, Novelty, Ohio

Subscribers may receive digests, searches, bibliographies and copies of literature on metals engineering, including solid-state physics.

Armed Services Technical Information Agency

Air Research and Development Command, USAF
Arlington Hall Station, Arlington 12, Va.

Scientific and technical information center of the Department of Defense. Collects information on all military R&D and makes it available to contractors. Information covers all materials.

ASTIA regional offices are:

ASTIA New York Regional Office, 346 Broadway, Room 804, New York 13, N. Y.

ASTIA Dayton Regional Office, Area B, Building 47, Wright-Patterson AFB, Ohio

ASTIA San Francisco Regional Office, Building 1, Wing 2, Oakland Army Terminal, Oakland 14, Calif.

ASTIA Los Angeles Regional Office, Building 1, Room 112, 125 South Grand Avenue, Pasadena, Calif.

Armour Research Foundation

Illinois Institute of Technology
Technology Center, Chicago 18, Ill.

Basic and applied research in a wide variety of materials, including adhesives, ceramics, cermets, chemicals, cleaners, coatings, elastomers, electrical and electronic materials, lubricants, metals, plastics, plating.

Atomic Energy Commission
Oak Ridge National Laboratory
P.O. Box X, Oak Ridge, Tenn.

Research and information on materials of interest to Atomic Energy Commission programs, including electronics.

Atomic Energy Commission
Office of Technical Information
Washington 25, D.C.

Central clearinghouse for information on nuclear technology and materials acquired from AEC, non-AEC and foreign sources. Branches in Washington prepare and distribute technical reports, provide library and educational services, etc.

Atomic Energy Commission
Office of Technical Information Extension
Oak Ridge, Tenn.

Central document center for the AEC and its contractors. Documents are made available to the public through this office.

Bureau of Mines
Department of the Interior
4800 Forbest Avenue, Pittsburgh 13, Pa.

Research in metallurgy. Information on metals, ceramics, cerments and lubricants.

Center for Documentation and Communications Research, Western Reserve University, Cleveland 6, Ohio

Education, research, liaison and services in documentation and information systems. Also processes information on adhesives, ceramics, cermets, metals, platings, coatings and lubricants.

Cobalt Information Center
c/o Battelle Memorial Institute
505 King Avenue, Columbus 1, Ohio

Sponsors research and provides information on cobalt and cobalt-containing materials, including magnetic materials.

Defense Metals Information Center
Battelle Memorial Institute
505 King Avenue, Columbus 1, Ohio

Collects, interprets and disseminates technical information on special metals, including titanium, beryllium and refractory metals and alloys, protective coatings and thermal protection systems.

Engineering Societies Library
29 West 39th Street, New York 18, N. Y.

Holds information on all branches of engineering and a wide variety of materials, including all articles indexed by the *Engineering Index*. Will prepare literature searches, translations and copies.

The Franklin Institute
Laboratories for Research and Development
Philadelphia 3, Pa.

Wide range of engineering and research in the physical and engineering sciences. Materials interests include adhesives, ceramics, cermets, chemicals, cleaners, coatings, elastomers, electrical and electronic materials, lubricants, metals, plastics and solid-state materials and properties.

Infrared Information and Analysis Research Institute, University of Michigan
University of Michigan, Ann Arbor, Mich.

Acts as a clearing house on infrared information, conducts research in infrared and monitors military infrared contracting. Visitors must have security clearance and need-to-know from Office of Naval Research, Boston Branch Office.

John Crerar Library
Research Information Division
86 East Randolph Street, Chicago, Ill.

Public reference library containing extensive literature on electronics, all materials, properties and processing. Offers reference and library research services.

Library of Congress
Science and Technology Division
Washington 25, D.C.

One of the world's largest technical libraries. Will prepare limited reference lists free and, for a fee, will make literature searches and prepare extensive bibliographies and abstracted references (including Slavic and Oriental language sources).

Materials Advisory Board
National Research Council
2101 Constitution Ave., Washington 25, D.C.

Operates through committees of scientists and engineers. Advises the Department of Defense on materials research and development and makes reports available to others with need-to-know.

Materials Central
Wright Air Development Division, USAF
Wright-Patterson Air Force Base, Ohio

Conducts basic and applied research in materials and is the central source of information for the Air Force, its contractors and suppliers and (as directed) other agencies. Primary interest was structural materials, but this has been expanded and will include all materials used in USAF weapons and space systems, including encapsulants, magnetic materials, etc.

National Aeronautics and Space Administration
1520 H Street, N.W., Washington 25, D.C.

Maintains seven regional reference libraries. Only the Washington library is open to non-NASA personnel.

National Bureau of Standards

U.S. Department of Commerce, Washington 25, D.C.

Develops and maintains standards, determines physical constants and properties of materials, develops test instruments, standard practices, codes and specifications, and advises government agencies. Materials interest are broad, including cryogenic properties and the preparation of pure materials for research. NBS laboratories in Washington and Boulder, Colo., provide standards calibration services (as reported on page 42).

National Bureau of Standards

Basic Instrumentation Section, Washington 25, D.C.

Research, reference and consultation services on government and industrial instrumentation problems. Has information on materials related to instruments.

National Registry of Rare Chemicals

Armour Research Foundation, Chicago 16, Ill.

Information on sources of some 40,000 rare chemicals.

Office of Technical Services

U.S. Department of Commerce, Washington 25, D.C.

Collects all available information on all materials, properties and processing. OTS also sells unclassified reports of government-sponsored research (reports not available through OTS and the Superintendent of Documents are usually available as photocopies or microfilms from the Library of Congress). Publications of general interest include the *Patent Abstract Series* describing government-owned inventions available for royalty-free licensing, *Simplified Practices Series* covering product standardization and improvements in production methods, *Commercial Standards Series*, *Inventions Wanted Series*, a monthly catalog of *U.S. Government Research Reports*, *Catalogs of Technical Reports* on specific subjects, twice-monthly *Technical Translations* abstracts, and *AEC Reports Price List* listing available AEC research reports. OTS reference services include literature searches and bibliographies on specific subjects.

Pacific Aeronautical Library

Institute of Aeronautical Sciences
7660 Beverly Boulevard, Los Angeles 36, Calif.

Supplies library material on loan to subscribers, including books and research reports. If material requested is not at PAL, it is borrowed from Cal Tech, Los Angeles Public Library, USC and UCLA.

Plastics Technical Evaluation Center

Picatinny Arsenal, Dover, N. J.

Recently established by the Army Ordnance Corps to supplement existing military information centers, it provides technical assistance and consulting services on plastics, including radomes, laminates, potting and other types.

Prevention of Deterioration Center

National Academy of Science — National Research Council
2101 Constitution Avenue, Washington 25, D.C.

Advisory, consulting, information, publications liaison and conference host group in the field of environmental deterioration. Services are available to military and government agencies, contractors and other qualified requestors. In addition to conventional environmental factors, the hyper environments of missiles and space are covered. Interests include all materials and military equipment except food and drugs. Has screened some 10,000 organic chemicals as fungicides.

Radiation Effects Information Center

Battelle Memorial Institute, Columbus 1, Ohio

Established by the Air Force, its services are also available to other government agencies and contractors. It locates, procures, analyzes and makes available data on the effects of nuclear and space radiation on materials, components and systems.

Solar Energy Information Center

Arizona State University, Tempe, Arizona

Collects, analyzes and disseminates technical information on collection and conversion of solar energy in forms suitable for military use.

Southwest Research Institute

8500 Calebra Road, San Antonio 6, Texas

Research and engineering in eight areas, including electronics and physics. Materials interests include adhesives, coatings (ceramic, cermet, encapsulation, vapor-deposited) and biological materials.

Thermophysical Properties Research Center

School of Mechanical Engineering
Purdue University, Lafayette, Ind.

Documentation and research in thermophysical properties of gases, liquids and solids. Information covers 15 groups of thermal properties, including emissivity, thermoelectric constants and electrical conductivity.

Tin Research Institute, Inc.

492 West Sixth Avenue, Columbus 1, Ohio

Data and consulting services (laboratories are in England) on tin products and processes. Materials interests include alloys, coatings, platings and solder.

Tungsten Institute

500 Fifth Avenue, New York 26, N. Y.

Information and research in properties of ceramics, cermets and metals.

Welding Research Council

29 West 39th Street, New York 18, N. Y.

Cooperative research in welding.

National Bureau of Standards

As a service to science and industry, NBS calibrates standards, high-accuracy

Table I — Electrical Calibration Services, Standards and Instruments, D-C to 30 Kc[a]

Item and Minimum Rated Accuracy in Percent		Nominal Value Range	Remarks, Test Conditions	Certified Calibration Accuracy[d]
Standard Resistors				
Thomas type or equiv.	0.001	1 ohm	25 C	0.0002 - 0.0005%
other precision types	0.01	100μ - 100 K[e]	25 C[f]	0.002 - 0.005%
current-measuring (shunts)	0.04	10μ - 20 ohms	75 ma - 1 Ka 20%/100% rated I	0.01%
Resistance Boxes	0.02			0.01%
Wheatstone & Kelvin Bridges	0.02			0.01%
Resistance Ratio Boxes	0.02			0.001 - 0.01%
Potentiometers	0.02			0.005 - 0.01%
D-c Voltage Dividers (volt boxes)	0.04	3 v - 1.5 Kv in 0.15 or 1.5 v out	20% and/or 100% rated V	0.01%
Fixed Standard Capacitors[h]	0.25	0.01 pf - 1 μf	0.65, 0.1, 0.4, 1 Kc 0.1, 0.4, 1, 10 Kc	0.03 - 0.2%
		0.1 - 1 nf, air[b]	10 Kc[i]	0.05%
		1 nf - 0.1 μf, solid[b]	10 Kc[i]	0.05 - 0.2%
Fixed Standard Inductors	0.25	100μh - 10 h	0.65, 0.1, 0.4, 1 Kc	0.03 - 0.2%
		10 μh - 100 mh[c]	same, plus 10 Kc	0.03 - 0.2%
Standard Cells, Unsaturated		1.0183 - 1.0198 v		0.01%
Standard Cells, Saturated		1.0182 v	thermal regulation: air	0.0002%[b]
			thermal regulation: oil	0.0001%[c]
Current Transformers for measurements ASA 0.3 class		0.25 amp - 4 Ka[b] 0.25 amp - 12 Ka[c]	60,400 cps[b]; 25-60 cps-10 Kc @ low I[c]	0.05% ratio & 1 minute phase angle at 60 cps
Voltage (potential) Transformers for measurements ASA 0.3 class		to 13.2 Kv[b] to 250 Kv[c]	60 cps[b]; 25-60 cps to 1 Kc at low V[c]	0.05% ratio & 1 minute phase angle at 60 cps
A-c Voltage Dividers, decade transformer type	0.001	ratio 10^{-6} - 1	1 Kc, highest 3 decades only	0.0002% of input
Voltmeters, a-c - d-c, High-Voltage	1.0	1 - 30 Kv, d-c[b] 1 - 13.2 Kv, 60 cps[b] 1 - 100 Kv, d-c[c] 1 - 100 Kv, 60 cps[c]	Excepting HV, d-c tests of instruments are not made at NBS[j]	1%
Voltmeters, a-c, a-c - d-c	0.025	10 mv - 1 Kv	a-c - d-c difference to 30 Kc, 50 amp and 600 v[j]	0.05 - 0.1%
Ammeters, a-c, a-c - d-c	0.25	10 ma - 100 amp		
				0.05 - 0.1%
Wattmeters	0.25	0.1 - 100 amp 30 v - 1 Kv[c]	a-c - d-c diff to 3 Kc, 20 amp, 600 v[j]	
Watthour Meters, rotating standard types		1 - 50 amp 120/240 v[c]	60 cps	0.05%
Thermal Converters and Transfer Volt-Ammeters for I and V measurements	0.05	0.1 v - 1 Kv and 1 ma - 50 amp[b,c] 0.5 - 200 v[c]	a-c - d-c diff: 20 cps - 30 Kc 30 Kc - 10 Mc[c]	0.01 - 0.02% 0.1%

NOTES

(a) All services available at both Boulder and Washington except as indicated by (b), (c) and (i)

(b) Services at Boulder

(c) Services at Washington

(d) NBS Certificate or Report usually gives value to higher precision; this helps study effects of time, frequency and other influences

(e) Calibration also available on high-quality sealed wire-wound resistors up to highest values

(f) 20 C to 35 C on special request

(g) 0.01% for 100 μ and some 100 K

(h) Extremely large and small values calibrated at appropriate frequencies at Washington

(i) Normally calibrated at Boulder; sometimes done at Washington if other calibrations on the capacitor are predominantly below 30 Kc

(j) User should make d-c tests with d-c potentiometer and accessories

Measurement and Calibration

instruments and transducers, and will measure the properties of materials

ELECTRONIC, ELECTRICAL, magnetic and acoustic measurement and calibration services are offered by the National Bureau of Standards as part of its services to science, commerce and industry. Standards, instruments and materials specimens are compared with national standards or equipment derived from them. This provides a yardstick for checking the accuracy of lower-echelon equipment and for judging the quality and performance of products.

The scope of NBS calibration and measurement services is indicated in the tables. The tables are based on selections from "Summary of Measurement Services of the National Bureau of Standards", recently prepared for publication this year. The tables are issued for information only. With few exceptions, the services listed are those performed often enough to warrant establishing regular fees. Arrangements can often be made to perform other calibrations, or to calibrate over different ranges or at higher accuracies.

NBS will not calibrate equipment of limited accuracy. Nor will it provide services available from commercial laboratories. Firms offering calibration services are listed in ELECTRONICS BUYERS' GUIDE product directory section. A directory of commercial and college testing laboratories is available from the American Society for Testing Materials.

The Bureau's Washington laboratories (National Bureau of Standards, Washington 25, D.C.) are concerned primarily with measurements from d-c to below about 30 Kc. Boulder (Radio Standards Laboratory, NBS Boulder Laboratories, Boulder, Colorado) works mainly at radio and microwave frequencies.

Table II — Electrical Calibration Services, High Frequency Region[a]

Item	Frequency Range	Calibration Range	Calibration[b] Accuracy
Voltage			
Voltmeters	30, 100, 300 Kc	0.2 - 500 v	0.2 - 3%
	1, 5, 10, 30, 100 Mc	0.2 - 500 v	0.2 - 3%
	300 - 400 Mc	0.2 - 500 v	0.2 - 3%
Voltmeters, signal	30, 100, 300 Kc	1 μv - 0.1 v	3%
generators &	1, 5, 10, 30 Mc	1 μv - 0.1 v	3%
micropotenti-	300, 400 Mc	1 μv - 0.1 v	3%
ometers	50 Kc - 300 Mc	100 μv - 0.1 v	3%
	300 - 900 Mc	100 μv - 0.1 v	5%
Voltmeters	900 - 1,000 Mc	100 μv - 0.1 v	5%
Power			
Power measuring	100, 300 Kc	1 mw - 200 w	2%
bridges, absorp-	1, 3, 10, 30 Mc	1 mw - 200 w	2%
tion, feed-thru	100, 200 Mc	1 mw - 100 w	2%
& calorimetric	300, 400 Mc	1 mw - 100 w	2%
wattmeters			
Impedance			
Resistors	30 - 400 Kc	0 - 10 K	1% of total Z
	30 Kc - 1 Mc	0 - 1 K	1% of total Z
	30 Kc - 2 Mc	0 - 100 ohms	1% of total Z
	30 Kc - 5 Mc	0 - 1.1 mmhos	1% of total Z
	3 - 200 Mc	0 - 50 mmhos	1% of total Z[c]
	100 Kc	0 - 1 mmhos	1% of total Z[c,d]
Inductors	30 - 400 Kc	0 - 1.1 mh	1% of total Z
	30 Kc - 1 Mc	0 - 110 μh	1% of total Z
	30 Kc - 2 Mc	0 - 11 μh	1% of total Z
Capacitors[f]	100 Kc	0 - 10 nf	1% of total Z[d,e]
Coaxial Com-	50 - 500 Mc	|Z| : ½ ohm - 5 K	|Z|: 2%
ponents		θ : 0 - 90 deg	θ: 1 deg[e]
Q standards	50 Kc - 45 Mc	eff resonating	
		cap: 30 - 450 pf	
		eff Q: 50 - 1,000	
Attenuation			
Attenuators,	1, 10, 60 Mc	0 - 70 db[g]	0.05 db + 0.1%[h]
& directional	100, 300 Mc	0 - 70 db	0.05 db + 0.1%[h]
couplers	30 Mc	0 - 100 db	0.01 db + 0.05%[h]
Field Strength			
Attenuator	0 - 300 Mc	0 - 80 db	0.1 db + 0.3%[h]
ratios	300 - 1,000 Mc	0 - 80 db	0.2 db + 0.5%[h]
Overall linear-	0 - 300 Mc	0 - 60 db	0.1 db + 0.3%[h]
ity of meter	300 - 1,000 Mc	0 - 60 db	0.2 db + 0.5%[h]
Two-terminal	0 - 300 Mc	1 μv - 0.1 v	5%
voltmeters	300 - 1,000 Mc	0.1 - 1 mv	5 - 10%
Loop antenna	30 cps - 5 Mc	calibrated at	3%
coefficients	5 - 30 Mc	approx 100mv/m	5%
Dipole antenna	30 - 150 Mc	calibrated at	10%
coefficients	150 - 330 Mc	approx 75mv/m	15%

(a) Calibrations are made at Boulder Laboratories (b) See note d, Table I (c) Parallel equivalent values are given for resistors greater than one kilohm (d) Service pending (e) Stated accuracies apply at reference plane of NBS Connector (f) Capacitor residual series inductance determined by resonance techniques (g) Higher values at reduced accuracy (h) Added percentage is percent of attenuation in db

Boulder may make d-c and low-frequency measurements on a multi-range instrument to avoid shipping an instrument to both laboratories.

Further information on NBS services, except high-frequency electrical and magnetic measurements is given in "NBS Test Fee Schedules", available from the Office of Technical Information at NBS, Washington. Questions about electrical and magnetic measurements at radio and microwave frequencies may be addressed to Boulder. All other queries should be sent to Washington. An Electronic Calibration Center has been established at Boulder. NBS report 5589 describes its facilities and services. It also explains the center's enviromental controls, summarizes the construction, maintenance and use of standards, and outlines calibration procedures.

Other NBS activities include development and improvement of physical standards, broadcasting of time and frequency standards (see pages 47 through 49), development of improved measurement techniques and investigation of physical and chemiical properties of materials. NBS standards of emf and impedance provide the national basis for electrical measurements. These are periodically checked against the standards of mass, length and time in accordance with international definitions of electrical units.

Research in materials has led to distribution by NBS of standard materials ranging from pH and radioactivity standards to phosphors. Specifications and purchasing procedures are contained in NBS Circular 552, "Standard Materials Issued by the National Bureau of Standards", available from the Superintendent of Documents, Washington 25, D.C.

NBS Circular 460 and supplements, also available from the Superintendent of Documents, list other NBS reports of interest to the electronics industry. This year, a three-volume compilation of NBS publications was issued under the title, "Precision Measurement and Calibration". Volume I covers electricity and electronics, Volume II, heat and mechanics, and Volume III, optics, metrology and radiation.

Table III —Electrical Calibration Services, Microwave Region

Item	Transmission Line	Frequency Range - Gc	Calibration Range	Calibration Accuracy[b]
Attenuation				
	3/8" coax type N connectors	0.3 - 5.6	0 - 50 db	±0.2 db[d]
Attenuators, variable(VA)	RG48/U (WR284)	2.6 - 3.95	0 - 50 db	
Attenuators, fixed(FA)	RG49/U (WR187)	3.95 - 5.85	0 - 50 db	VA:
Directional couplers(DC)	RG50/U (WR137)	5.85 - 8.2	0 - 50 db	±0.1 db[d]
	RG51/U (WR112)	7.05 - 10	0 - 50 db	FA:
	RG52/U (WR 90)	8.2 - 12.4	0 - 70 db	±0.2 db[d]
	RG91/U (WR 62)	12.4 - 18	0 - 50 db	DC:
	RG66/U (WR 42)	18 - 26.5	0 - 40 db	±0.2 db[d]
Power				
Bolometer mount	RG52/U (WR 90)	8.2 - 12.4	0.1 - 10 mw	±1%
Dry calorimeter	RG52/U (WR 90)	8.2 - 12.4	1 - 10 mw 10 - 100 mw	±1% ±1.5%
Impedance				
Waveguide reflector	RG52/U (WR 90)	8.2 - 12.4	$\lvert\Gamma\rvert$[e] 0.025 - 1	±2% or better
Frequency				
Frequency meter (cavity); calibration accuracy is limited by dial resettability	3/8" coax type N connectors	0.1 - 10		
	RG48/U (WR284)	2.6 - 3.95		
	RG49/U (WR187)	3.95 - 5.85		
	RG50/U (WR137)	5.85 - 8.2		
	RG51/U (WR112)	7.05 - 10		
	RG52/U (WR 90)	8.2 - 12.4		
	RG91/U (WR 62)	12.4 - 18		
	RG66/U (WR 42)	18 - 26.5		
	RG96/U (WR 28)	26.5 - 40		
	RG97/U (WR 22)	33 - 50		
	RG98/U (WR 15)	50 - 75		

NOTES

(a) Calibrations made at Boulder
(b) See note **d**, Table I
(c) Service pending
(d) Or ±1 percent whichever is greater
(e) Absolute value of reflection coeff of wave-guide reflector; VSWR $= (1 + |\Gamma|)/(1 - |\Gamma|)$

Table IV — Dielectric Property Measurements[a]

Property	Freq Range	Accuracy
Dielectric constant[b]	50 cps to 30 Kc	about ±1/3% for materials with dielectric constant below about 20
Dielectric dissipation factor (or loss tangent)[b]	50 cps to 30 Kc	±several % if power factor is greater than 0.01; ±0.0001 of power factor for very low loss materials
Complex Dielectric Constant[d]		
Dielectric constant[d]	30 Kc to 10 Gc	~±1/2% for K - 1 accuracies for optimum specimens at room temp; reduced accuracies for other specimens and temps
Dielectric loss tangent[d]	30 Kc to 10 Gc	±5%

(a) Measurements are made only on specimens of suitable purity and known composition; primary consideration is given samples intended for use as dielectric reference standards and provided that equivalent service is not available elsewhere (b) Service at Washington (c) Accuracies apply to suitably stable specimens at or near room temperature; somewhat lower accuracy from −40 C to 200 C; useful data can be obtained to 500 C (d) Services at Boulder

Table V — Normal Induction, Hysteresis, A-C Permeability and Core Loss Measurements[a]

Determinations Made	Range	Accuracy	Dimensions of Test Specimens
Normal induction curve data Demagnetization curve data	0 - 5,000 oersteds 0 - 5,000 oersteds	±1% - ±5% depending on specimen, part of curve, etc.	specimens should be of rectangular cross section with width not over 3 cm and thickness not over 1 cm; length not less than 25.4 cm for measurements at 0 - 300 or 0 - 5,000 oersteds, and not less than 7 cm for measurements at 100 - 5,000 oersteds
Permeability for specimens whose permeability is less than 4	usually at 100, 200 or 300 gausses	±1 - ±2%	cross-sectional area must not be less than 0.2 square cm; cross-section may be circular with a maximum diameter of 1.27 cm
Total core loss at 60 cps[c] A-c permeability at 60 cps[c]	usually 10 - 15 kilo-gausses	about ±2% about ±5%	specimens should consist of proper number of strips 3 cm wide and 28 - 30.5 cm or 50 cm long, prepared according to ASTM standard A-34

(a) Services at Washington (b) See latest ASTM standards: Methods of Testing Metals (c) For specified values of maximum normal induction

MAGNETIC MEASUREMENTS
NBS tests in this field are mostly made on standard samples which serve to coordinate work in various laboratories and secure uniformity in commercial testing. Because of special problems of magnetic measurement, test procedures are not fixed, but are adapted to particular types of specimens. Accuracies attainable for specimens of poor quality may be appreciably worse than those listed.

Table VI — Complex Magnetic and Tensor Permeability[a]

Property	Freq	Acc	Remarks
Initial permeability Magnetic power factor	30 Kc to 10 Gc	~±1% @ μ - 1 ±5%	accuracies for optimum specimens at room temp; reduced accuracies for other specimens, temps & applied fields
complex elements of tensor permeability matrix[b]	1, 3 and 9 Gc		now available for ferrites; line width of the magnetic resonance is obtained

(a) Services at Boulder (b) As functions of d-c magnetic bias

Table VII — Magnetic Testing Apparatus Services[a]

Item and Service	Accuracy
Mutual inductors: determination of mutual inductance by direct current	±0.05%[b]
Search coil: determination of area-turns	±0.2 - 2%[c]
Fluxmeter: calibration at specified points	±1 - 5%[d]
Standard magnet: determination of field	±0.5 - 2%

(a) At Washington (b) Best apparatus (c) Depends on magnitude of area-turns, lead arrangement, etc. (d) Depends on instrument

Table VIII — Complex Surface Impedance or Skin Depth[a]

Property	Acc at 9.2 Gc
Complex surface impedance	
Loss	±3%
Loss angle	15° est

(a) Service available at Boulder for metals; to be developed for semiconductors

Table IX — Calibration of Vibration Pickups[a]

Calibrator and Method	Applied Accelerations Range	Applied Accelerations Accuracy
Static Methods (Zero Frequency)		
Tilting support, using earth gravitational field[b]	$-g$ to $+g$	0.004 g near 0 g to 0.0003 g near $\pm g$
Centrifuge	up to 100 g	1%
Steady State Sinusoidal Method		
Electrodynamic, using reciprocity	up to 10 g @ 10 - 2,000 cps	1% to 0.9 Kc; 2% 0.9 - 2 Kc

Small Lightweight Piezoelectric Pickups[d]

Service	Frequencies	Uncertainty of Calibration
Calibration at discrete frequencies	1 - 20 Kc @ low accel; 0.5 - 25 Kc @ 200 - 12,000 g	repeatability of 1% overall errors est at less than 2%

NOTES

(a) Primary object is to determine calibration factor of pickup (ratio of pickup output to applied input) over amplitude and frequency range of use. To accomplish this, known inputs are applied along the sensitive axis of the pickup. Unless otherwise indicated, information applies to calibration of displacement, velocity and acceleration types of pickups weighing up to two pounds. Preamplifier, power supply (except batteries) and connecting cables should accompany piezoelectric acceleration pickups

(b) For pickups with zero transverse response

(c) Magnitude and phase angle of calibration factor are determined unless pickup is calibrated with a vibration indicator or recorder as a unit. In such cases, only indicated and corresponding applied displacements, velocities and accelerations are given. Normally, calibration is at three accelerations at 10 frequencies (30 calibration points)

(d) One of a number of special tests provided. Others include dynamic calibration of pickups heavier than two pounds or calibrations at higher accelerations. Stroboscopic and fringe-disappearance interferometers are available for some of these measurements

Table X — Force Measurements[a]

Capacity of Device	Test Stress	Accuracy
Not over 111,000 lbs	tension or compression[b]	0.02%
Over 111,000 but not more than 1,500,000 lbs	compression[c]	0.1%
Over 1,500,000 but not more than 3,000,000 lbs	compression	0.2%
Over 3,000,000 but not more than 10,000,000 lbs	compression	0.4%

(a) Proving rings and other elastic load measuring devices, including load cells used to measure rocket thrust (b) Dead weights (c) New dead weight machines up to 1,000,000 pounds in tension or compression being designed for accuracies better than 0.01%

Table XI — Acoustic Measurements

Item and Service	Freqs cps	Approx Standard Deviation & Error
Condenser microphones, pressure calibration	50 – 10,000	std dev 0.06 db
Microphones, free-field calibration	50 – 10,000	std dev 0.17 db
Sound level meters, free-field calibration	50 – 10,000	std dev 0.31 db
Earphones, calib at specified frequencies[a]	100 to 10,000	std error max 0.3 db
Pure tone audiometers, calibration		std error max 0.3 db sound level[b]

(a) Applied voltage response as prescribed in ASA Specification Z24.9-1949 (b) The overall uncertainty in frequency measurements is not greater than 1 part in 1,000

Instrument Calibration Standards

Some 300 standards on the use of laboratory instruments are being published by the Office of Technical Services, Business and Defense Services Administration, Washington 25, D.C. The first 23, listed below, may be purchased at 50 cents each or for $11.50 as a set (Standards Laboratory Procedure, Bureau of Naval Weapons, 1960, PB 171 200-222). The remaining standards were to be published by OTS during the year.

Instrument Calibration Procedure

PB 171 209 AC-DC Voltage Instruments, 10-1,000 v full scale
PB 171 210 DC Current Instruments, 1-200 amps full scale
PB 171 211 Decade Resistors, 0.1 ohm-100 K per step
PB 171 217 DC Voltage Instruments, 15-1,000 v full scale
PB 171 218 DC Voltage Instruments, 1-1,500 mv full scale

Cross Check Procedure

PB 171 200 Standard Resistor, NBS Type, 1 ohm-100 K
PB 171 201 Standard Inductors, 100 μh-10 h

Measurement System Operation Procedure

PB 171 202 Mass in Air, 1 gram-30 kilograms, direct weighing method
PB 171 203 Force, 0-60,000 lbs. (approx.), tension only
PB 171 204 VSWR, X-band (8.2-102.4 Gc.) 1.01:1-10:1
PB 171 205 DC Resistance, 10 micohm-1 ohm
PB 171 206 DC Resistance, 0.1 ohm-100 Meg
PB 171 207 DC Resistance, 10 ohms-1,000,000 Meg
PB 171 208 Inductance, 1 μh-10 h, direct method
PB 171 212 AC and DC Voltage, 10 v-1Kv
PB 171 213 AC Voltage, 100 μv-800 v, 60 cps
PB 171 214 DC Voltage, 1.02 v-1 Kv
PB 171 215 DC Voltage, 0-1 Kv
PB 171 216 Frequency Response 10 cps-10 Mc, 0.5 mv-5.2 v and AC Voltage Calibration d-c to 10 Mc, 0.1-5.2 v
PB 171 219 Capacitance, 0.1-1,050 $\mu\mu$f, direct substitution method
PB 171 220 Capacitance, 1-1,050 $\mu\mu$f, substitution method, 1 Mc
PB 171 221 Capacitance, 100 $\mu\mu$f-1 μf, direct method
PB 171 222 Capacitance, 100-1,050 $\mu\mu$f, direct method, 1 Mc

Services of National Bureau of Standards Radio Stations

Standard time intervals and closely-related frequency standards are broadcast by National Bureau of Standards stations

Table I — Services Provided by NBS Stations

WWV, WWVH, WWVB and WWVL Standard Radio Frequencies	**WWV and WWVH** Standard Audio Frequencies, Including Standard Musical Pitch Standard Time Intervals Time Signals Radio Propagation Forecasts International World Day Service, "State of Warning" Signals

For details see figures, tables and notes below.

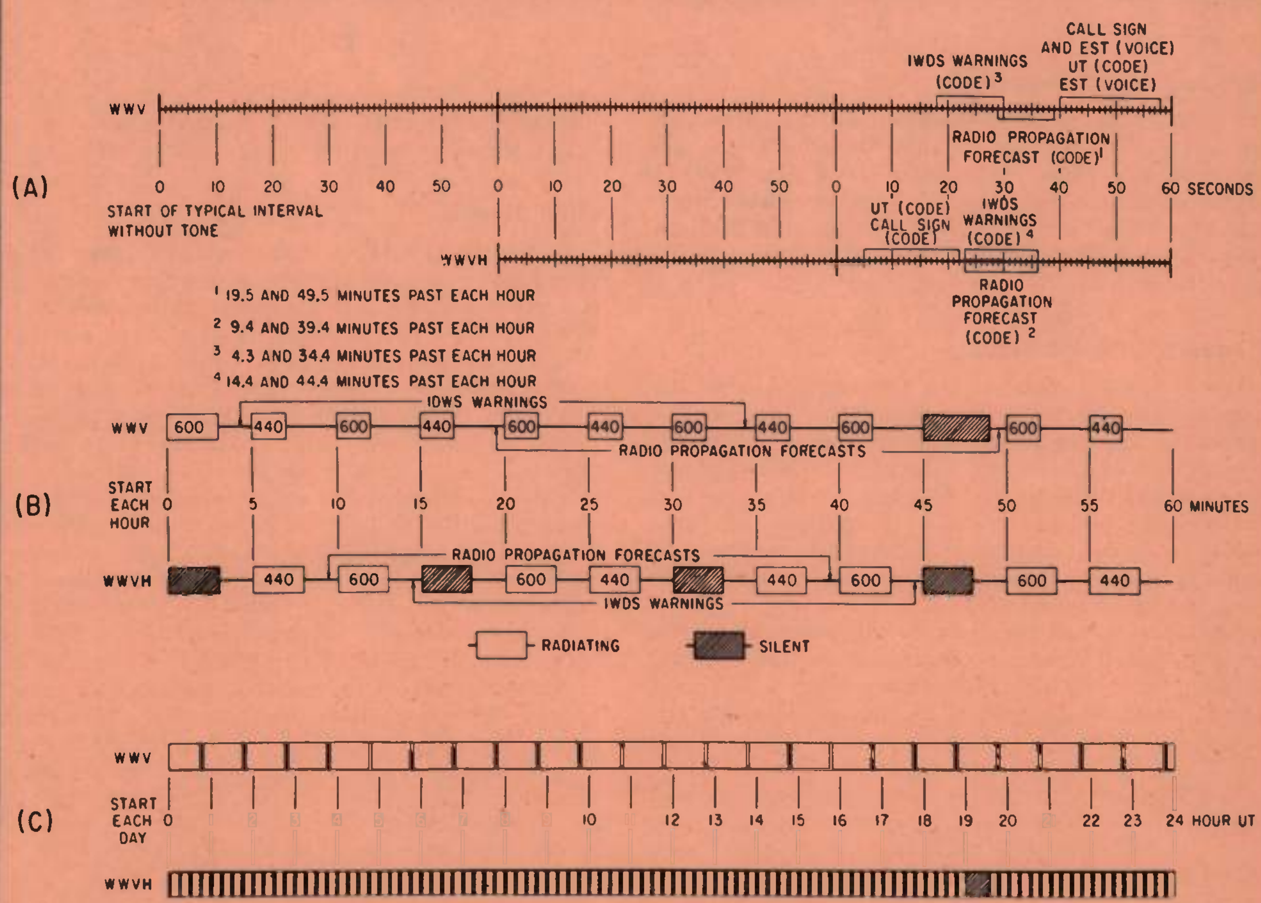


FIG. 1 Broadcast schedule of WWV and WWVH by the minute (A) hour (B) and day (C)

Table II — Principal NBS Broadcast Stations and Standard Radio Frequencies

Station Locations and Addresses	Carrier Frequencies[a] and Radiated Power		Transmitter Stability, Daily Deviation, Antennas, Modulation and Other Remarks
WWV, Beltsville, Md. Lat. 39° 59′ 33″ N Long. 76° 50′ 52″ W NBS Station WWV, Greenbelt, Md.	2.5 Mc 5 Mc 10 Mc 15 Mc 20 Mc 25 Mc	1 Kw 8 Kw 9 Kw 9 Kw 1 Kw 100 w	see Fig. 1 for broadcast schedule stabilities are 1 part in 10^{9} at WWV and 5 parts in 10^{9} at WWVH; daily deviation is 2 parts in 10^{10} at both; necessary frequency adjustments are made at 1900 UT, not exceeding 5 parts in 10^{10} at WWV and 3 parts in 10^{9} at WWVH all antennas are vertical half-wave dipoles, except for vertical quarter-wave antennas for 2.5 Mc at WWV and for 5 Mc at WWVH; radiation from all antennas is omnidirectional percent amplitude modulation, double-sideband: 75%, 440 and 600 cps signals; 100% peak, voice and seconds pulses; WWV audio frequencies (440, 600 cps) transmitted by single upper sideband with full carrier, except on 25 Mc., sideband transmitter power output is about ⅓ carrier power.
WWVH, Maui, Hawaii Lat. 20° 46′ 02″ N Long. 156° 27′ 42″ W Box 578, Puunene, Maui, Hawaii	5 Mc 10 Mc 15 Mc	2 Kw 2 Kw 2 Kw	
WWVB, Boulder, Colo. Lat. 39° 59′ 30″ N Long. 105° 15′ 55″ W NBS, Boulder, Colo.	60 Kc at 1.5 w		transmits continuously from 1530 UT Monday to 2400 UT Friday, execept 1430 to 1530 UT Tuesday through Friday; station identified by Morse Code keyed carrier on hour and 20-minute intervals; atomic standard frequency control; stability and daily deviations are 2 parts in 10^{10}; radiation is omnidirectional from a top-loaded vertical antenna
WWVL, Sunset, Colo. Lat. 40° 02′ 15″ N Long. 105° 27′ 05″ W NBS, Boulder, Colo.	20 Kc at 14 w		transmits continuously, except during daylight only (MST) during dark phase of moon; identified by Morse Code keyed carrier on hour and 20-minute intervals; stability and daily deviation are 2 parts in 10^{10}; frequency controlled by crystal oscillator adjusted as necessary; radiation is omnidirectional from a top-loaded vertical antenna

(a) See National Standards of Time and Frequency in the United States, Proc IRE, 48, p. 105 Jan, 1960 (b) Since January, 1960, the NBS transmissions (WWVB — July 28, 1960) have been offset from the U.S. Frequency Standard by −150 parts in 10^{10}. This offset enables the time signals, which are locked to the carrier frequency, to maintain close agreement with UT 2. Corrections to transmitted frequencies are available on a weekly basis, upon request to NBS, Boulder. Corrections for WWV are published monthly in Proc IRE.

Standard Audio Frequencies

STANDARD AUDIO FREQUENCIES of 440 cps (Standard Musical Pitch, *A* above middle *C*) and 600 cps are broadcast alternately from both WWV and WWVH during two or three minutes of each five-minute interval (Fig. 1B). Changes in the transmitting medium (Doppler effect, etc.) may produce fluctuations in the audio frequencies as received.

Standard Time Intervals

WWV TIME INTERVALS, as transmitted, have the same accuracy as the carrier ± one microsecond. The frequency offset noted in Table II applies. Pulses are transmitted at one-second intervals. Received pulses have random phase shifts or jitter due to changes in the propagation medium. The magnitude of these changes ranges from practically zero for the direct or ground wave to about 100 microseconds when received via a changing ionosphere.

ADJUSTMENTS of precisely 50 milliseconds may be made at 1900 UT, when necessary, in the time interval markers at the WWV transmitters. Such adjustment will be made on the first of the month following the month in which the transmitted time departs from UT 2 by more than 50 milliseconds.

WWVH TIME INTERVAL MARKERS (one-second pulses) are adjusted, if necessary, each day during the interval 1900 to 1935 UT to be in synchronism with WWV time pulses within ± ½ millisecond.

Time Signals

SIGNAL SCHEDULE: standard audio frequencies are interrupted at precisely three minutes before each hour at WWV and at two minutes before each hour at WWVH. They are resumed exactly on the hour at WWV and five minutes after the hour at WWVH. The audio frequency schedule during the hour is shown in Fig. 1B. Except for scheduled silent periods, seconds pulses are broadcast continuously, except that the 59th pulse of each minute is omitted. The beginning of a minute is identified by a double pulse consisting of two regular five millisecond pulses spaced by 100 milliseconds. International Morse Code announcements of Universal Time (referred to the zero meridian) are made each five minutes from WWV and WWVH. Voice announcements of Eastern Standard Time are made each five minutes from WWV.

ADJUSTMENTS of precisely 50 milliseconds may be made in the time pulses when necessary to maintain close agreement with UT 2 (see note under Standard Time Intervals). Corrections to the time signals, as transmitted, are published periodically by the U.S. Naval Observatory.

Radio Propagation Forecasts

A forecast of radio propagation conditions is broadcast in International Morse Code from WWV at 9.4 and 39.4 minutes after each hour. WWV broadcasts information relating to the North Atlantic radio path and WWVH broadcasts information relating to the North Pacific radio path. Forecasts of conditions expected during the six hours following the broadcast are made in terms of nine graded steps, indicated by the digits 1 to 9 as follows:

1 – useless	4 – poor-to-fair	7 – good
2 – very poor	5 – fair	8 – very good
3 – poor	6 – fair-to-good	9 – excellent

Conditions at the time the forecast was made are indicated by the letters: N – normal, U – unsettled or W – disturbed.

International World Day Service

A symbol indicating the geophysical "state of warning", as declared under the International World Day Service of the International Council of Scientific Unions, is broadcast in International Morse Code from WWV at 4.5 and 34.5 minutes after each hour and from WWVH at 14.4 and 44.4 minutes after each hour. The following symbols indicate conditions:

AGI AAAA alert (magnetic storm with K-index over 5; outstanding auroral display; outstanding increase in cosmic ray flux)

AGI – – – Special World Interval in progress (geophysical activity of sufficient interest to warrant attention of experimenters throughout the world)

AGI EEEEE no significant geophysical events

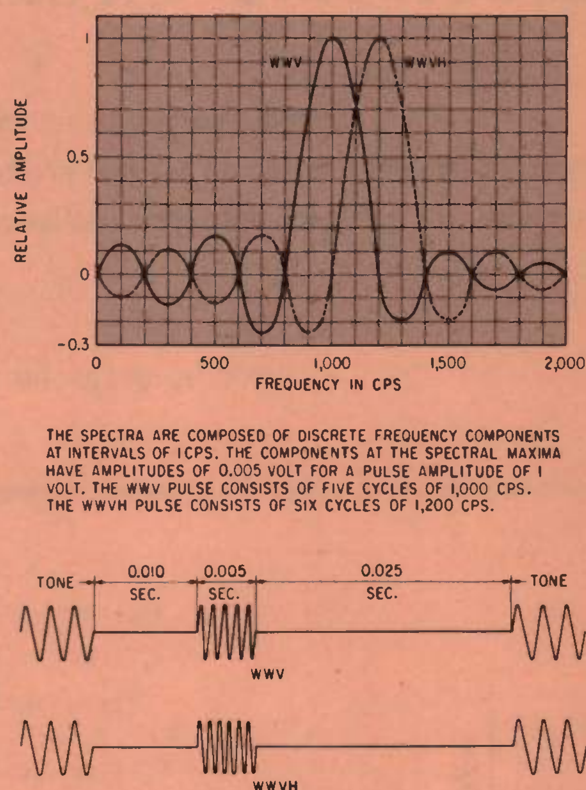


FIG. 2 – Comparisons of frequency and form of WWV and WWVH second pulses

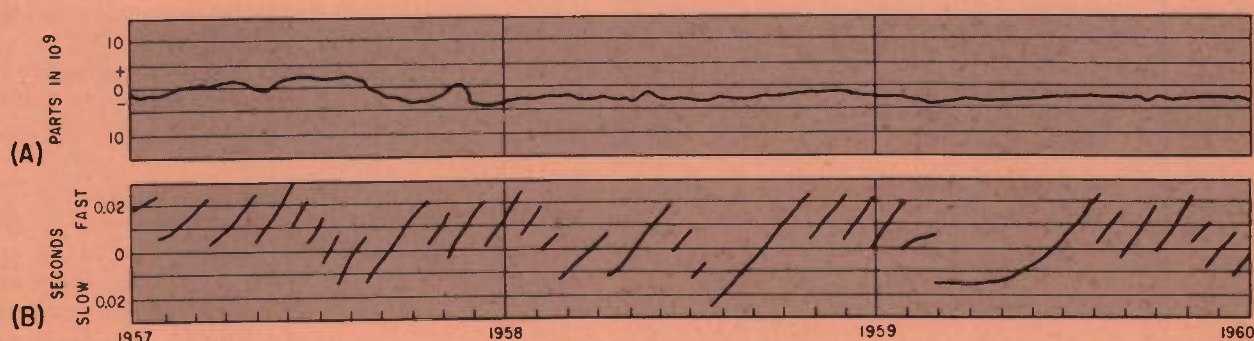


FIG. 3 – Frequency deviation of WWV with reference to atomic standard (A) and deviations in time from United States Naval Observatory UT 2 (B) during the past three years

High-Speed Analysis of Electronic Circuits by Geometry

Simple geometric methods of showing resistances, reactances and impedances as straight lines on an X-Y plot are combined to solve and synthesize complex circuits. Solutions are given for networks, oscillators, attenuators, flip-flops and other circuits

By HENRY K. BRADFORD, Fairfax, Va.

WHERE SPEED OF COMPUTATION is important, geometric circuit analysis has no equal. It often provides solutions faster than the problems can be programmed for a computer. Solutions are inherent in the preparation of the geometric layout.

The method is not limited to finding specific answers. It can also be used to find general solutions of complex networks, even before the relations can be expressed mathematically. In some cases, frequency emerges as a parameter for complete generalization, within the practical limits applying to any other branch of mathematics. The changing nature of the answers with various other parameters leads to surprisingly broad results. Geometrically-designed circuits can be built and tested before a rigorous general solution.

Elementary algebra, a good mechanical or graphic sense, a scale, protractor and triangle are the only tools needed to understand and perform the operations. Algebra is needed only to understand the proofs, which are not elaborate since the entire system rests on a few basic concepts.

Once the basic building blocks of circuits can be expressed in their geometric relationship, circuit synthesis is easy. Circuits can be analyzed for their electrical properties or built graphically with equal ease.

Some of the geometric forms will be familiar to circuit designers, but their combination for the solution of complex circuits is believed to be unique. They point up some of the neglected powers of geometry.

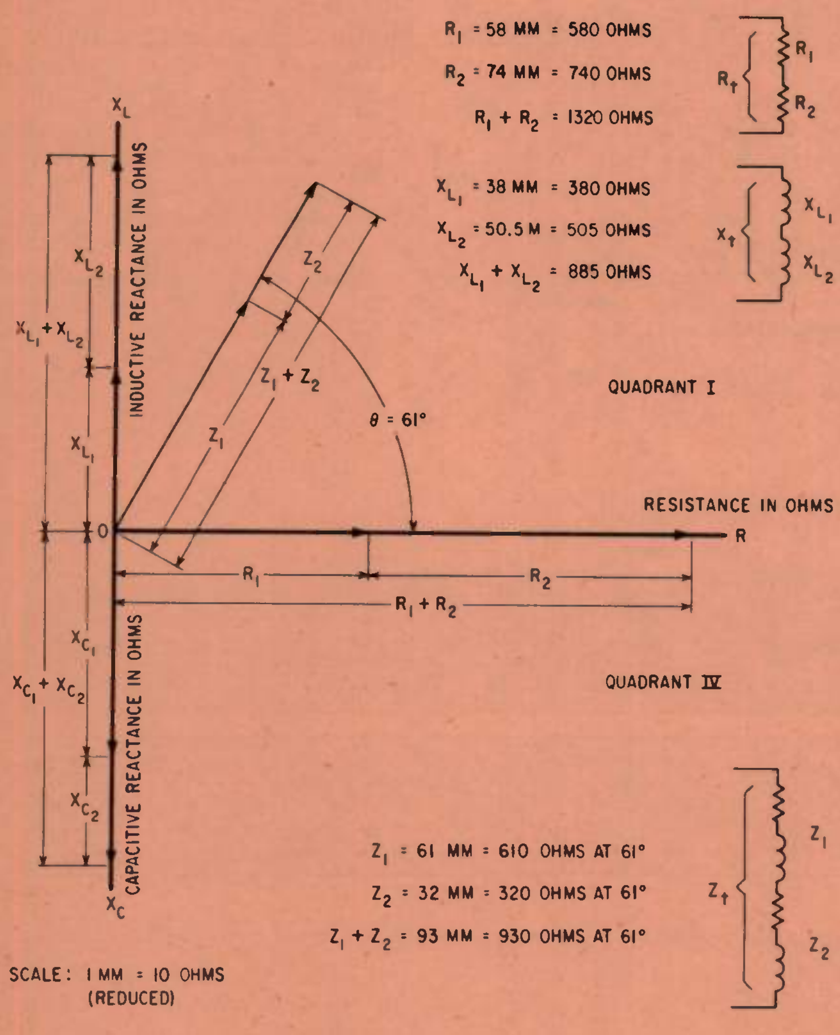


FIG. 1 — Geometric representation of series components

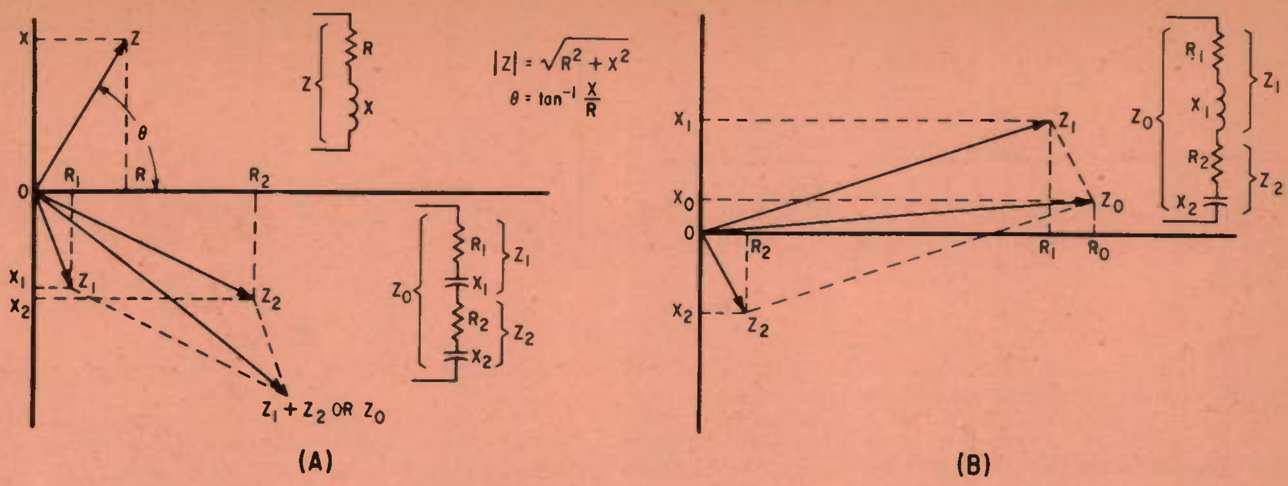


FIG. 2 — Unlike components in series, added to find impedances

This system of circuit treatment has limitations, of course. It does not give high accuracy. But this is not a practical limitation since precision beyond three significant figures is usually beyond the capabilities of circuit components and production.

Series Components

All series resistor values are added simply as lengths of straight lines. Positive reactances or negative (capacitive) reactances are added the same way. Two or more impedance values having the same phase angle θ are added by an extended straight line (Fig. 1).

The standard convention of using the first and fourth quadrants is followed throughout. Resistance falls along the positive directions of the X axis, inductive reactance in the positive direction of the Y axis and capacitive reactance in the negative direction of the Y axis.

Rectangular coordinates are used for most of the constructions but polar coordinates are helpful where directness and clarity are served. Any number of "pure" properties, resistance or reactance, may be added in a straight line, as in Fig. 1. Conventionally, an inductive reactance is often referred to as a positive reactance while a capacitive reactance is considered negative.

The metric system is used for all measurements because it is simple and convenient. It is helpful to refer to the X axis as the resistance axis, the upper part of the Y axis as the positive or inductive reactance axis, and the negative part of the Y axis as the negative or capacitive reactance axis. The origin will always be marked 0 according to convention.

Scale varies with the problem. Fig. 1 was drawn at 10 ohms per mm and reduced for reproduction. Examples of series resistance reactance and impedance are shown in the figure. Occasionally the term X_t, R_t or Z_t will be used to designate the total of two or more units.

Unlike Components in Series

In adding a reactance in series with a resistance (Fig. 2A), an impedance Z is formed having a magnitude equal to its length and a phase angle (with voltage leading current for the positive reactance shown) θ. This angle is equal to arc tan X/R (the angle whose tangent is X over R.) Its magnitude is equal to the square root of the sum of the the squares of R and X. Here, however, the length of Z is measured in millimeters directly and the angle is measured with a protractor.

All work is done with fundamental units such as reactance as measures of circuit properties rather than the derived units of capacitance and inductance. The latter will be brought into the problems only when physical units are needed to implement a circuit. The magnitude of the property (so many ohms reactance) may be converted to appropriate components at any desired frequency through the use of simple, well-known formulas.

Although the components of an impedance (X and R in this case) may not always be actual or real, they can be used to express the impedance in rectangular form. As in Fig. 2B where a positive impedance is in series with a negative impedance, the total impedance Z_o is the total formed by Z_1 and Z_2. The components of both Z_1 and Z_2 are shown (X_1 and R_1 for Z, and X_2 and R_2 for Z_2) but because those of Z_o have been drawn in (R_o and X_o) they are not available from the schematic shown. They are equivalent rather than real values.

Note that the components (resistance and reactance) of the two impedances are marked at their respective ends and are identified in the schematic. If these figures are drawn on an 8½ x 11-inch sheet, the value of the impedance and the angle can be determined to about 0.25 percent accuracy.

All of the components in Fig. 2B are identified and the sum of the two in series is shown by the conventional parallelogram. This structure is widely known and used and is available in reference books.

Unlike Components in Parallel

For components in parallel, a different construction is used (Fig. 3A). X_L and R_1 are laid out along their proper axes as usual and their ends are connected by a straight line. Then a perpendicular is erected from this line to the origin. The perpendicular is the impedance Z_L (inductive) of the two components in parallel. It has a magnitude equal to its length and a phase angle θ_1 as shown.

An impedance having a negative reactance component is also shown in Fig. 3A and its components identified as usual for both the layout and the schematic. Rather than striving to preserve a dogmatic nomenclature, the symbols which best express the problem at hand are chosen.

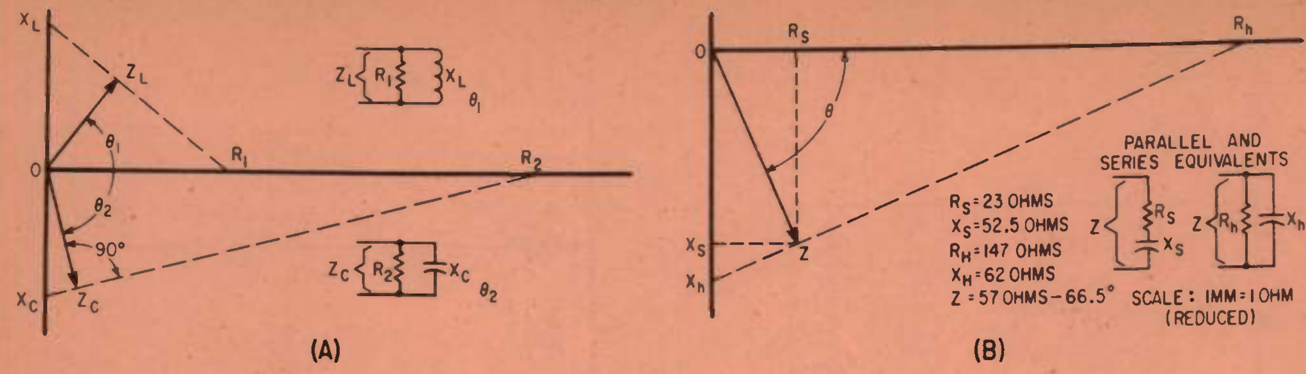


FIG. 3 – Unlike components in parallel and their transformations

Any impedance formed by two components in series may also be formed by two other components in parallel. An example of this is shown in Fig. 3B. The series components R_s (resistance series) and X_s (reactance series) form impedance Z. By constructing the line R_h, X_h at right angles to Z at its end and extending to the R and X axes the equivalent circuit is formed with parallel components. R_h indicates "resistance parallel" or shunt while X_h indicates "reactance parallel" or shunt. Either of these combinations form exactly the same impedance Z.

Reference will be made frequently to this series to parallel (or shunt) transformation. Transformation can be made either way, that is from series to shunt or shunt to series in the way just shown. Moreover, it is true of positive or negative reactance with resistance.

Proof of Series to Parallel Transformation

The absolute value (magnitude) of the impedance shown in Fig. 4A is given by the expression shown. The numerator of this expression is a product of two values, both of which are laid out in the figure. One interpretation of this product is the area O, X_h, A, R_h. The denominator of the right side of the expression is the square root of the sum of the squares of X_h and R_h which is the diagonal X_h, R_h of the rectangle. The impedance therefore is the area divided by its diagonal.

X_h, R_h, C, B has the same area as the original rectangle because half of the area of each is shared by the other and two sets of paired triangles (X_h, O, B with X_h, Z, O and O, Z, R_h with O, R_h, C). These pairs are identical, respectively, and hence the external areas of each rectangle must be equal. Now if the area of a rectangle is divided by one of its sides, the dividend is the other side. Hence if the second rectangle X_h, R_h, C, B is divided by one of its sides X_h, R_h, the dividend will be the other side B, X_h which is equal to O, Z which is the impedance in question. Its phase angle θ is equal to arc tan R_h/X_h by the definition of phase angle.

Why Transformations Are Necessary

One of the basic understandings necessary for geometric circuit analysis is realizing when a transformation from series to parallel, or vice versa, is required. For example, in Fig. 4B a series group of components is shunted by a resistor. The total resistance component of this complex circuit is neither the sum of the resistances, their difference, or their parallel value. The equivalent resistance of the series part of this circuit must be found before the total parallel value of this equivalent and the real resistance can be found.

The schematic is in three parts: first the original circuit, next the resistance and the parallel equivalent of the series part of the original circuit, then the combination of these two in a form which yields to geometric solution quite easily. The same process must be followed in mathematical solutions although it may not be so obvious in equations.

A circuit must be analyzed or synthesized an element at a time. One

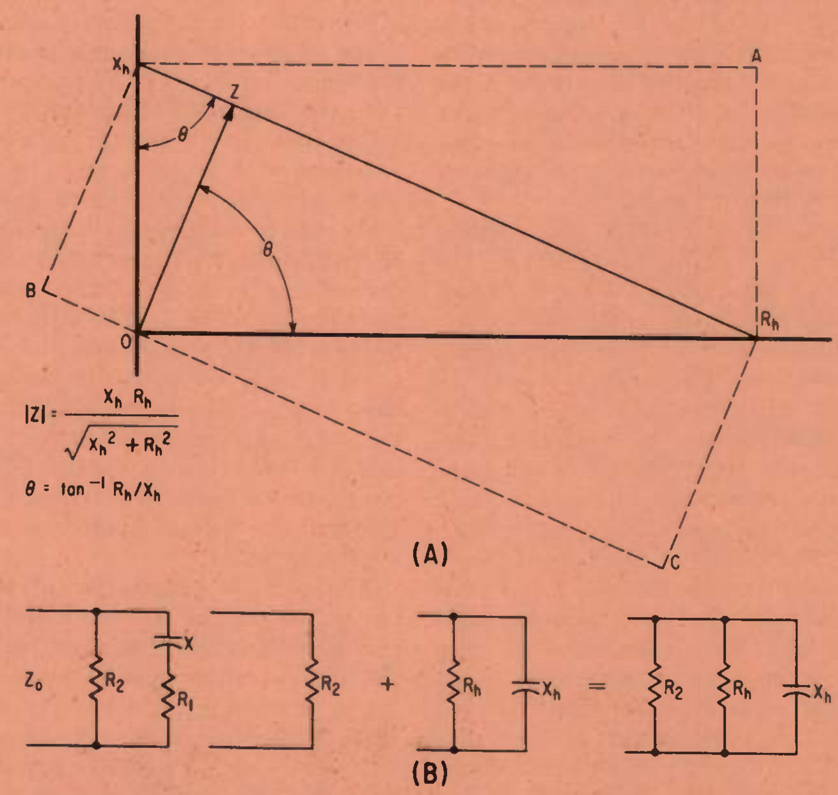


FIG.4 – Proof of series to parallel transformation

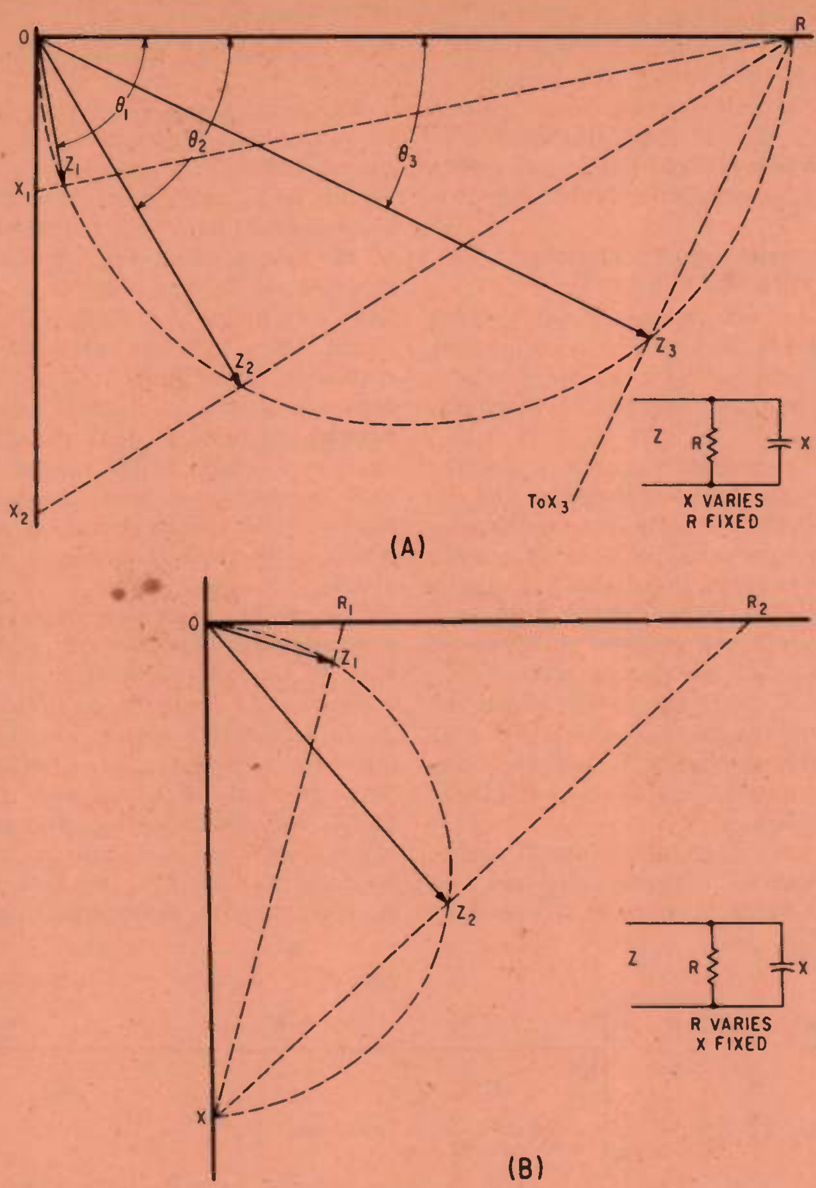


FIG. 5—Locus of simple impedances forms arc

can start at either end of a network and work toward the other end. However, to find the input conditions, one must start at the output and build toward the input an element at a time so that the final answer will be a true expression of all of its elements. Again, this does not differ materially from the conventional mathematical process.

Locus of Simple Impedances

For various values of reactance in parallel with a fixed resistance, the impedances formed will all fall in a semicircle. In a shunt combination (Fig. 5A), if R is 1,000 ohms and X varies from zero to infinity, the impedances formed will all lie in the semicircle whose diameter has the value of R. X_1 and R form Z_1 and so on. The phase angles vary from 90 degrees to zero as indicated. Before leaving this construction it should be further observed that as the reactance in a shunt circuit grows larger the phase angle of the impedance grows smaller.

If the reactance is held constant while various resistances are used, the structure is the same except that the semicircle is now drawn with its diameter on the reactance axis. Here again the diameter is equal to the magnitude of the reactance (Fig. 5B). This principle is used extensively and is most helpful in circuit synthesis.

Similar Components in Parallel

Many times a graphical value of two resistances or reactances in parallel must be found. Several methods have been devised, but the method described is believed most suited for the work to follow. Much of the geometric structure is already laid out and results can be obtained with a minimum of additional lines and work.

It is convenient to lay out these values on the resistance axis for resistance and on the reactance line or axis for the kind of reactance to be dealt with. For example, (Fig. 6A) resistances R_1 and R_2 are both laid out along the resistance axis. Both are measured from the origin. At any arbitrary distance down from the resistance axis a line A, B is drawn parallel to the resistance axis and equal in length to the larger resistance. At point B the symbol (R_1) appears to indicate that the line A, B is the length of R_1. Lines are drawn connecting B with the origin and connecting R_2 with A. At their intersection C a perpendicular is erected to the resistance axis. At this intersection R_t (total resistance) the length R_t from the origin is the value of R_1 and R_2 in parallel. The proof of this is shown (Fig. 6B).

In Fig. 6B the same structure is used except that it is laid out on the reactance axis rather than the resistance axis. Thus, the total reactance of X_1 and X_2 in parallel is X_t. The same is true of inductive reactance where two independent inductive reactances (not coupled to each other) are in parallel.

In Fig. 6A the distances m and n used in the geometric proof fall out of the equation, showing that they are arbitrary values. The greatest accuracy for the value of the total is achieved when the two diagonals cross at right angles. This does not change the validity of the solution; it simply means that the measurements or reading will be more accurate.

Negative Impedances in Parallel

Two of the propositions already covered show how the total impedance of two arbitrary or random negative impedances may be found (Fig. 7).

Z_1 is composed of R_n in series with X_n, while Z_2 is composed of R_2 and X_2 in parallel. First, the equivalent parallel components of Z_1 are found as described in Fig. 3B. These are R_1 and X_1. The value of X_1 does not have to be known because it would fall off the page. The line R_1, X_1 is constructed at right angles to Z_1 and need extend only as far as D. Since D has not been located, it is well to extend this line at least through the line X_2, (X_2).

Now the real value R_2 is in parallel with the equivalent shunt value R_1 of impedance Z_1. From Fig. 6A, their diagonals cross at C. Projecting up to the R axis gives R_t as the total of these two in parallel. The real reactance X_2 and the equivalent reactance X_1 are in parallel and from Fig. 6B we locate their diagonals at D. As before, projecting over to the reactance axis finds X_t to be the total of these two reactances in parallel. These two totals R_t and X_t are themselves in parallel. Connecting them with a straight line and erecting a perpendicular to the origin gives Z_t the total impedance. It has equivalent series values R_s and X_s but they have no significance as actual physical units.

Fig. 7 was drawn at 10 ohms per mm (reduced for reproduction) and no attempt was made for high accuracy. Values are readable to about 1 percent accuracy. This layout takes about five minutes. Some readers may want to check the solution by the conventional means and with a similar geometric plot of their own.

Opposite Sign Reactances in Parallel

Any two reactances in series have already been covered in Fig. 1 by inference. The algebraic sum was omitted until this point to avoid confusion.

The case of two pure reactances of opposite sign (one positive and one negative) in series is solved by adding algebraically. Thus if X_L and X_C are in series their total X_t is shown (Fig. 8A). The length X_L is laid out from the extreme end of X_C toward the origin and thus subtracted from X_C. X_C could just as well be laid out along the reactance axis starting its end at the end of X_L and projecting downward. Fig. 8B shows the latter method.

Any values of X_L and X_C to be evaluated in parallel are first laid out along their respective axes as usual. Arbitrary values X_L and X_C have been chosen for this layout (Fig. 8C).

With the origin as a center, an arc is constructed using the longer of the two components as a radius (X_L in this case) and intersecting the projection of the R axis to the left of the origin. Next X_C, B is constructed parallel and equal to A, O and the rectangle O, A, B, X_C is completed. Then, with the origin as a center, an arc with X_C as a radius intersects A, O at C. C, D is drawn parallel and equal to A, B. Finally, A, D is extended to the reactance axis. For the values chosen, this line intersects the reactance axis at X_t which is the total reactance of X_C and X_L in parallel.

The valadity of this construction is supported by the proof offered in Fig. 8C. Several observations are important. As X_C increases toward X_L in value the distance A, C becomes shorter and X_t approaches infinity. If it only slightly exceeds X_L the X_t will appear on the X_L axis and will approach the origin as X_C continues to exceed X_L. As X_L and X_C become equal, resonance is ap-

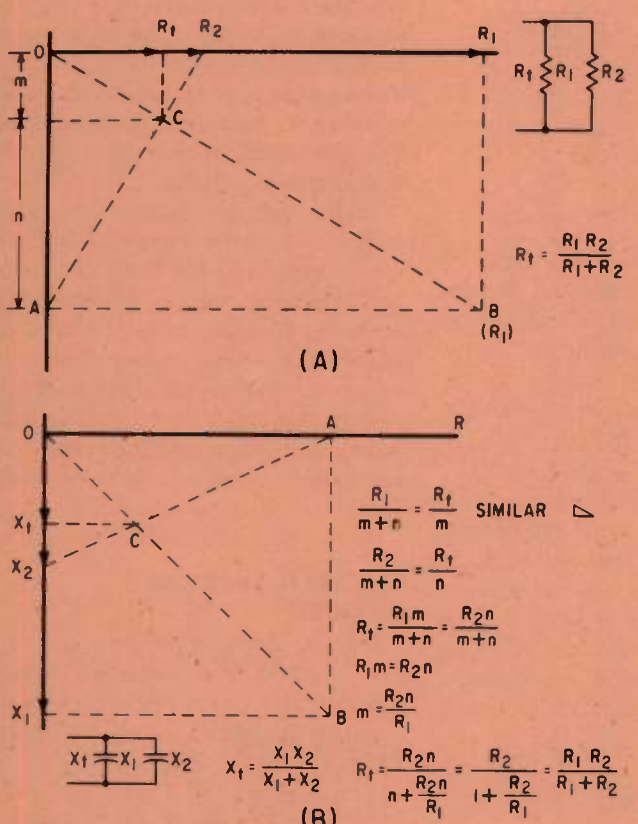


FIG. 6 — Similar components in parallel

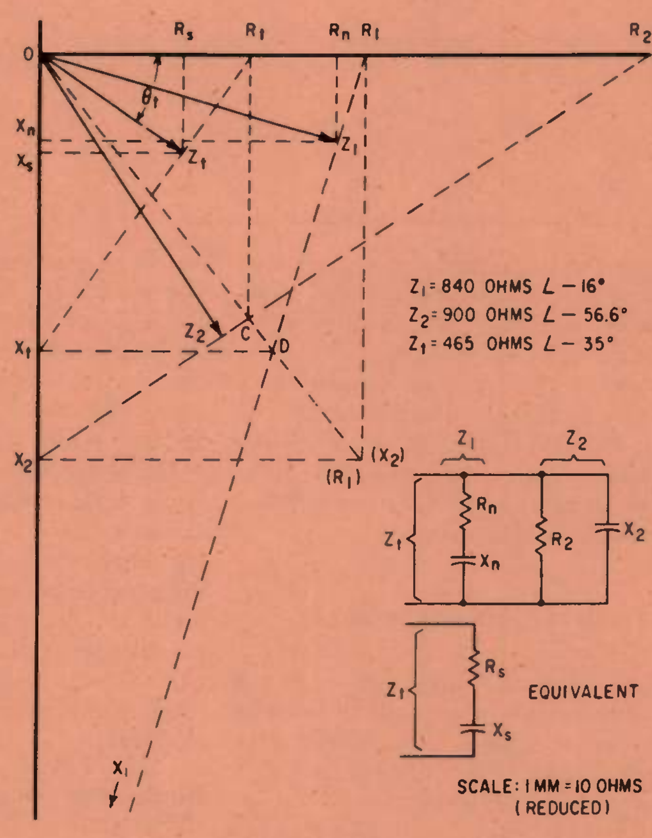


FIG. 7 — Negative impedances in parallel

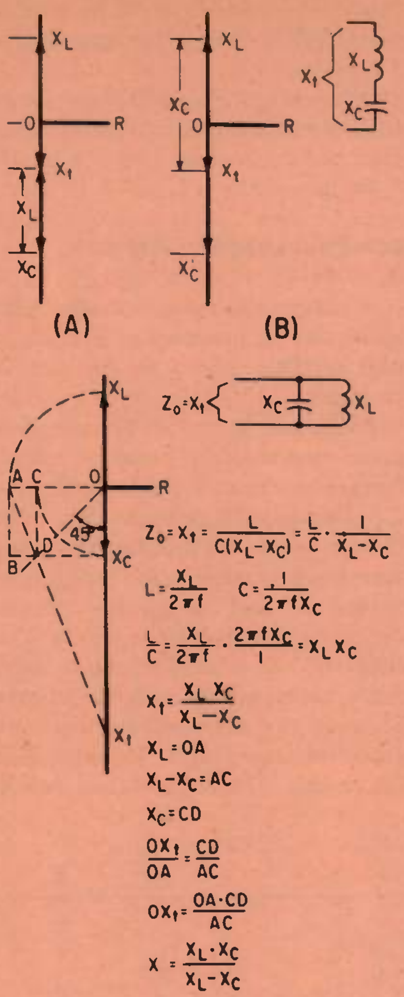


FIG. 8 — Opposite sign reactances in parallel

proached and Z_o (or X_t as it must be called until X_L and X_C are equal) is infinite.

There are many uses for this construction. Note that O, C, D, X_c will always form a square and can be constructed using a 45-degree line from the origin. If X_t is known, line A, X_t may be drawn and its intersection with the 45-degree line at D establishes X_c by projection.

Impedances of Opposite Signs in Parallel

The final case (Fig. 9) of two impedances of opposite sign in parallel uses combinations of layouts already covered. Let us assume Z_1, 5,700 ohms at 61.5 degrees, and Z_2, 3,500 ohms at –57 degrees, to be in parallel.

The impedance Z_i is formed by reactance X_s in series with resistance R_s. Z_2 is composed of R_2 and X_2 in parallel. The parallel equivalents of Z_1 are X_1 and R_1. The Z_2 parallel components are R_2 and X_2.

Note from the equivalent circuit that the resistances R_1 (equivalent) and R_2 (real) are in parallel and the equivalent positive reactance X_1 is in parallel with the real negative reactance X_2. The total resistance is therefore R_t and the total reactance is X_t from which Z_o is easily obtained.

Complex Circuits

The basis on which geometric circuit analysis rests is now completed. Nothing more than what has been presented will be used for all of the following examples of circuit analysis and synthesis.

High-Pass π Networks

Given a simple high pass π network (Fig. 10A) R_1 and X_1 in series form impedance Z_1. Its parallel equivalents are R_h and X_h. These must be found so that R_2 can be added to the network. Real resistance R_2 in parallel with equivalent resistance R_h form a total R_t. Their diagonals constructed intersect at C. Equivalent X_h and R_t form Z_o.

Low-Pass π Network

In a low-pass π network (Fig. 10B), R_1 and X_1 in series form Z_1. The parallel equivalent components of Z_1 are R_h and X_h. X_h in parallel with X_2 produce a total of X_t which with R_h forms the input impedance Z_o.

Loaded Low-Pass Complex π Network

This network (Fig. 11) is a more difficult circuit to solve for input impedance. The network in Fig. 11 is likely to require seven or eight minutes for a layout yielding answers with 0.25 percent accuracy.

First, to understand the system without intending to match anything, assume all arbitrary values for the components. R_1 and X_1 are in parallel yielding Z_1 as shown. X_2 is in series with Z_1 so it is placed extending upward from the end of Z_1. The impedance of the circuit so far (before X_3 is added) is Z_2. This is found by connecting the end of X_2 with the origin. Z_2 has equivalent shunt components X_h and R_h derived as described previously. Equivalent X_h and X_3 are in parallel. For the total X_t we use the structure described in Fig. 8C. Finally X_t and R_h in parallel (which they actually are) yield Z_o, the input impedance. Its series equivalents may be readily found by horizontal and vertical projection to the resistance and reactance axes.

This solves the input impedance of an unknown network. But suppose such a network is to be built for a specified purpose? The synthesis is covered in the next problem.

Loaded Low-Pass π Network Synthesis

A resistance load of 5,000 ohms is to be matched to a pure resistance source of 300 ohms. Fig. 12 shows the construction of such a synthesis.

The load (5,000 ohms) is laid out along the R axis extending to R_1 at a scale of 20 ohms per mm (reduced in the reproduction). Z_o, which is to be a pure resistance source of 300 ohms, is laid out along the same axis and on the same scale. All possible impedances formed by a fixed resistance (5,000 ohms in this case) and any capacitive reactance (X_1 in this case) will fall in a semicircle. (Fig. 5). Parts of this semicircle are drawn (Fig. 12) with R_1 as a diameter. Next, Z_o is projected vertically down and intersects the semicircle at C. R_1 and C are connected and extended to X_1. X_3 extending from C up to Z thus completes the solution making X_4 unnecessary. This is the maximum value of reactance that X_1 can have under the conditions set up. If X_1 is any greater its connection with R_1 will intersect the semicircle nearer to R_1. Projecting up to the R axis with a value X_3 will yield a value of Z_o greater than 300 ohms. With this unique value of X_1 the original conditions are satisfied with a series reactance (positive) of X_3 and the input capacitive reactance X_4 is not needed.

For practical reasons, the inductance forming reactance X_3 is large. It may have too much loss within itself for a desirable low loss network. Moreover, the completed π network may be desirable for reasons of narrow-band pass (higher Q). So a value of X_1 somewhat less than the maximum is chosen. In general the lower the value of X_1 the smaller the value of X_2. Hence, the insertion loss of the network will be less.

Another semicircle is constructed using Z_o as the diameter since with Z_o (assumed a fixed value) and any equivalent shunt, inductive reactance will form an impedance contained in this semicircle. Projecting X_2 vertically up from the end of Z_1 to this semicircle gives Z_2. Z_2 is the input impedance before capacitive reactance X_4 is added. Z_2 has equivalent component X_h in shunt with Z_o. Now if X_4 is added (equal to X_h) the input reactance is infinite, leaving Z_o or 300 ohms as the pure resistance input.

Values for all parts are shown in the figure and the network is usable for any frequency using the conversion equations shown. These reactances remain the same for all frequencies. Inductors and capacitors may be selected for reactance values at any frequency.

High-Pass Loaded π Network Synthesis

Fig. 13 is a high-pass π network which can be synthesized for any condition.

Generally Z_o should be found as a pure resistance but it can come out to almost any impedance desired. Say there is a load of 1,680 ohms to be matched to a 440-ohm source of pure resistance. Lay out R_1, 1,680 ohms on the R axis at a scale of 10 ohms per mm (reduced in reproduction). R_1 is 168mm from the origin and Z_o is 44mm from the origin. X_1 can be arbitrarily picked provided the maximum is observed, as described in Fig. 12. A value of 390 ohms is picked for this illustration and is laid out at X_1 39mm long on the positive reactance axis. Z_1 emerges as the impedance of these two components. A semicircle with Z_o as its diameter is constructed. X_2 being placed in series with Z_1 is fixed by its length from Z_1 to the semicircle. Before adding X_3 the impedance is Z_2 having equivalent components Z_o and X_h.

If X_3 is chosen equal to X_h their equivalent impedance will be infinite leaving Z_o as the input impedance. This is again a general solution for any frequency. Physical components to implement the circuit for any frequency may be found by the simple formulas of Fig. 12.

Low-Pass Loaded T Network, Synthesis

A low-pass T network loaded with resistance R_1 is shown in Fig. 14. It will quickly yield to geometric treatment.

As before R_1 and Z_o are assumed to be the values desired to match from source to load. For this example X_1 is made little less than R_1. Once this value has been picked, the other values are dependent and may not be varied. R_1 and X_1 yield Z_1 whose shunt components are X_h and R_h. The equivalent R_h is the final shunt resistance which enters into the answer because the network contains no other resistance. In the synthesis of the circuit X_3 must be found before

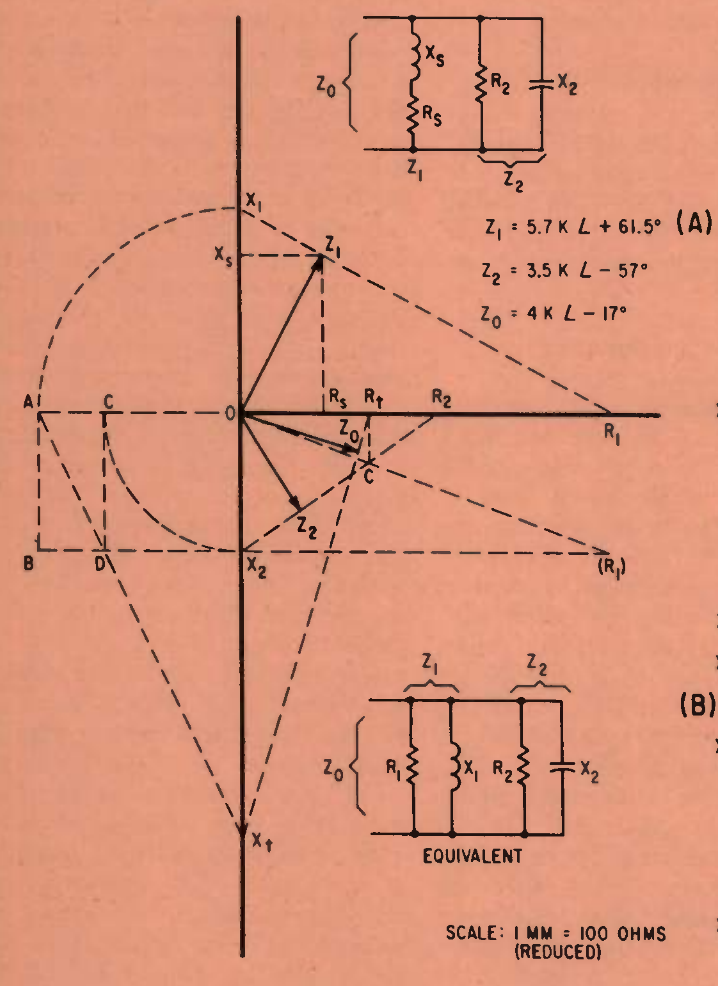


FIG. 9 — Impedances of opposite sign in parallel

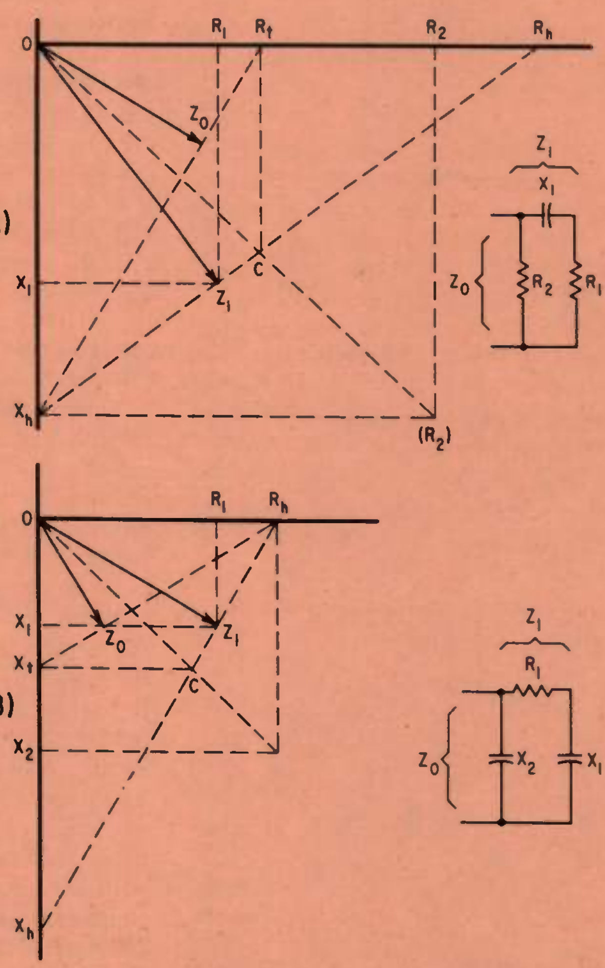


FIG. 10 — High-pass and low-pass π networks

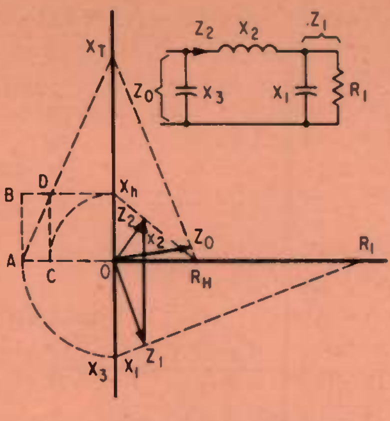


FIG. 11 — Loaded low-pass complex π network

the value of X_2 can be determined.

A semicircle with R_h as a diameter is constructed and X_3 is set in by projecting down from Z_o to the semicircle. This shows the value of Z_2 so X_2 can be found. Z_2 is the impedance looking into the circuit before X_3 is added. R_h is extended through Z_2 to X_t on the reactance axis and must be the total reactance formed by X_2 and equivalent reactance X_h in parallel. Arc X_h, A is formed and A is connected to X_t. A 45-degree line is then erected from the origin to D, establishing X_2 and C. Now the lengths correspond to all of the components.

An analysis of the circuit with all of the reactances and resistances given can also be made. It is just as easy to find one reactance of two in parallel when the total is given as to find the total when the two are given. The solution is somewhat like solving Fig. 8C backwards.

Phase-Shift Oscillator Network, Synthesis

Design a high pass network suitable for a phase shift oscillator. The solution must be good for any frequency and suitable for a large number of practical triodes. The circuit is shown with electron tube connections (Fig. 15).

Assume that Z_o should fall roughly around 100 K so the triode will not be loaded too heavily. Assume further that the attenuation through the network is not excessive. Attenuation must be less than the inverse of the electron tube gain ($1/G$) for the system to oscillate.

The greatest loading in any part of the network is at the beginning or input. The impedance values can be expanded as they progress through the network. Moreover, allow the least phase shift across X_3 and the greatest across X_1. The total phase shift or "voltage phase rotation" for the three reactances will have to be 180 degrees for oscillation to occur. With these assumptions the following arbitrarily chosen values can be set down.

$R1 = 100$ K

$\left.\begin{array}{l} R2 = 68\text{ K} \\ R3 = 47\text{ K} \end{array}\right\}$ Decrease toward the plate

$\left.\begin{array}{l} \theta 1 = 70\text{ degrees} \\ \theta 2 = 60\text{ degrees} \\ \theta 3 = 50\text{ degrees} \end{array}\right\}$ 180 degrees sum

With these constants fixed, the values of X_1, X_2, and X_3 are to be found. As a dividend to this method of solution, the input angle and magnitude, the attenuation throughout the network at any frequency and the intermediate impedances can also be found.

Starting with R_1 and X_1 lay out R_1 at 100 K. To get this figure on the page (Fig. 15) an odd scale of 1.333 K per mm was chosen (reduced in reproduction). Now X_1 must be chosen so that it makes an angle of 70 degrees with R_1 when placed in series with it. The direction of Z_1 may be laid out with a protractor. Alternately, the tangent of 70 degrees (2.75) may be used to find X_1. The angle between R_1 and Z_1 (70 degrees) is shown in the figure. The value of X_1 is thus established as 275 K (206mm). The shunt equivalents of X_1 and R_1 which form Z_1 are X_h and R_h (the latter is off the page). R_2 is projected down to a line horizontally extended from X_h to form a parallel resistance "frame" as in Fig. 6A. (R_2) is now connected with the origin and intersects X_h, Z_1 at point C, giving the total parallel resistance of the network so far. This is projected back up to the resistance axis whence arises R_h. R_h is connected to X_h yielding Z_2.

A line is drawn (with a protractor or by trigonometric function) 60 degrees downward from Z_2 and extended to intersect X_2 as projected down from the end of Z_2 (they are in series). At the measured value of X_2 (162 K), 60 degrees of phase rotation will take place across it. This gives the value of Z_3 before R_3 and X_3 are added.

Shunt equivalents are now obtained. One is X and the other is off the page to the right. The value of R_3 (47 K) is placed in shunt with the equivalent resistance (off the page), producing (at D) another equivalent resistance R_k. This, in shunt with X, yields Z_4. X_3 is added in series with Z_4, projecting down to intersect Z_o. Z_o is 50 degrees from Z_4, as originally assumed. X_3 is measured as 66 K.

Approximate values have been worked out for three frequencies

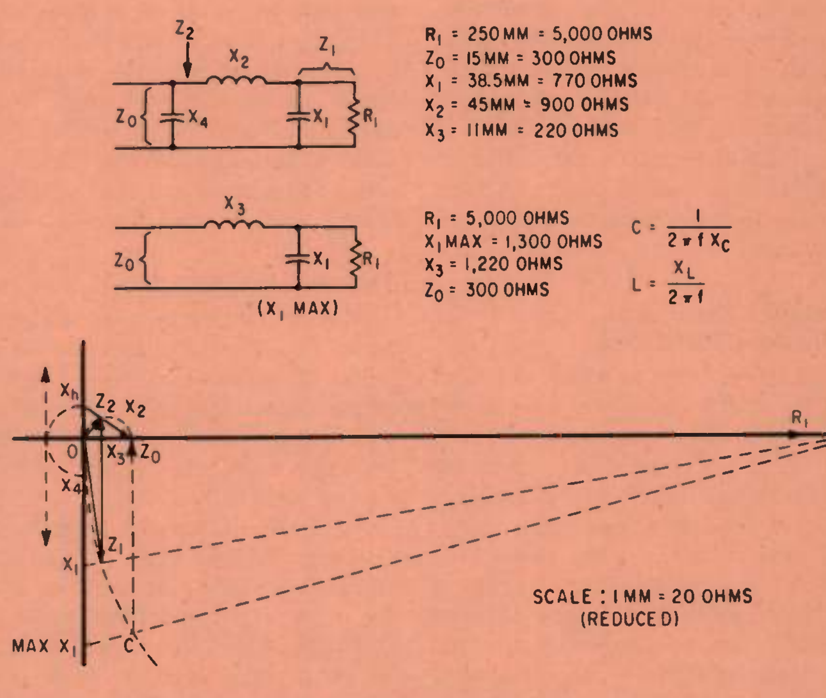


FIG. 12 — Loaded low-pass π network synthesis

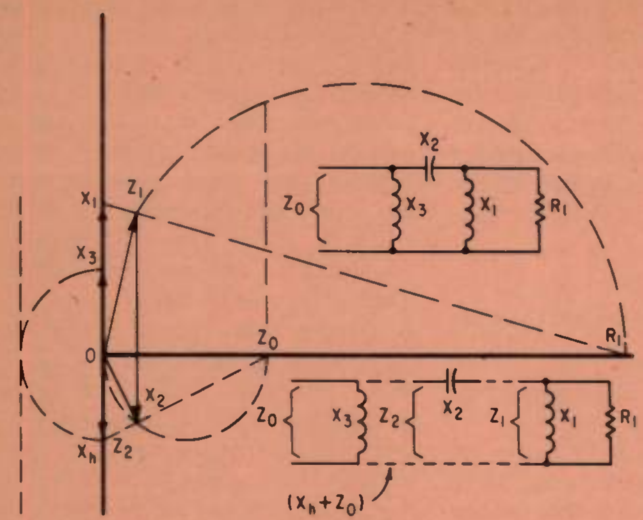


FIG. 13 – High-pass loaded π network synthesis

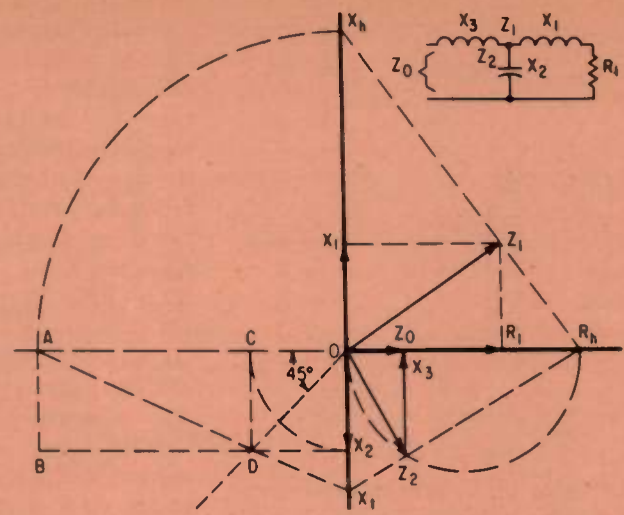


FIG. 14 – Low-pass loaded T network synthesis

using these reactance values. Any others can be found since frequency does not change the resistance values. When tube parameters become significant at high frequencies, they can be included in the layout or they may designate the upper frequency limit of the oscillator.

The attenuation of the network is 18.6.

A review of the work will indicate how ascending values of resistance reduce attenuation. Angles of 55, 60 and 65 degrees could have been chosen, or all angles could have been 60 degrees. Resistance values can be made to ascend toward the load even more rapidly with less attenuation. The given values of plate-dropping resistor and cathode resistor will not necessarily be satisfactory for all frequencies, but the network will fulfill the specification originally set up. Many succesful oscillators from 20 cps to 2 Kc have been designed like this.

Complex Circuits of Constant Resistance

If a frequency at which the value of X_L and X_c are equal (upper circuits, Fig. 16) is found and if each of the shunt resistors are given the same value, the circuit will have a pure resistance at every frequency. The two circuits are equivalent. One is a series combination of two shunt circuits while the other is a shunt combination of two series circuits.

Resistance R or Z_o together with X_L produces Z_1 while R with X_c produces Z_2. The two in series produce R as in Fig. 2. Now if the frequency is doubled, X_L is doubled while X_c is cut in half. These two parallel plots (other X_L values are off the page) are confined to their semicircles respectively and the Z_1 and Z_2 pairs are always at right angles with one another.

This layout forms a good concept of one way to consider a transmission line (as shown in the lower schematic of Fig. 16). A large number of elementary circuits like the upper schematic are in tandem or cascade, resulting in a pure resistance called the surge or characteristic impedance. The equivalent resistors are not entirely actual. They arise, in part, from the loading of one section onto the next and finally into a resistance load, or from an infinite number of sections. A coaxial or parallel-wire line has series inductance and shunt capacitance.

The Wein Bridge

A Wein Bridge may be analyzed as in Fig. 17. It usually has equal values of resistance and equal values of reactance. This favors the use of a ganged condenser having two similar units or a dual potentiometer having similar sections.

X_2 and R_2 in parallel form Z_2 at a 45-degree phase angle. R_1 and X_1, on the other hand, are in series and are simply constructed at the end of Z_2 which is also in series. Because X_1 and R_1 are equal, Z_1 has a 45-degree phase angle. Z_1 is double the value of Z_2. Hence the voltage appearing at the detector D will be one-third of the applied voltage across $Z_1 + Z_2$. R_3 and R_4 must be in the same ratio (two-to-one) for a bridge balance.

Although the current through the impedance network will lead the supply voltage, there will be no phase rotation of the voltage across Z_1. This voltage will match that of the resistance branch in both magnitude and phase.

There are two other impedance networks (lower part of Fig. 17) which will form practical bridges with similarly proportioned resistors. For a single frequency these would be preferred because of the possibility of light loading on electron tubes for feedback purposes. The Wein Bridge does not have to be a 45-degree circuit but may be at some other angle. However, in an oscillator the 45-degree circuit is favored because the reactance sum changes most rapidly with frequency at 45 degrees, producing the best frequency stability. Of course, this is only one frequency stability factor.

Resistance T Attenuator

An interesting sidelight of the geometric application of circuit analysis is the T attenuator. Values needed for a match are found first, attenuation is determined and then a circuit for a prescribed attenuation is synthesized.

Z_o and R_1 are laid out (Fig. 18A). Since a match is required they have the same value. R_2 and R_4 must be alike for a symmetrical network and they are laid out equally from m (the end of R_1 or Z_o). Note that if R_4 is larger than Z_o no match can be achieved because even with nothing else added the load value has been exceeded. R_4 can be any value between Z_o and zero. The semicircular arc is used to lay out R_2 equal to R_4. Line A, B is now drawn parallel to O, C and equal in length. R_4 added to R_t (the resistance group as shown) must equal Z_o to make the original assumption valid. Thus, R_t is simply the distance from the left end of R_4 to the origin. The length R_t projected down to O, B intersects it at E. Then A, E extended to F intersects the resistance axis O, C at F. By knowing the total of two resistances in parallel one of the components, R_3 can be constructed. R_3 in parallel with the series combination R_1 and R_2 produce a total of R_t.

All of the conditions have been fulfilled and the attenuation of the network is found by formula.

Suppose that a T attenuator for 6-db attenuation is desired to cut the signal voltage in half at a given impedance. This is done in Fig. 18B. Lay out O, C one-third longer than R_1 and halve it. It is divided by the attenuation factor, two-to-one in this case. Construct an arc with D as a center and drop a perpendicular from E to intersect O, B at F (line A, B is constructed just as for the former example). Connect A with F and extend to C. All values can now be measured off and the attenuation will be 6 db. Z_o is also equal to R_1.

Twin T Null Network

Fig. 19 shows a symmetrical twin T network; that is, R_4 equals R_2 and X_1 equals X_3. Furthermore R_3 and X_2 are both half of these values. For the original analysis an assumption is made to make the problem easy though completely valid. Assume that the network is at the null point and hence has no output. This means that there is no potential across R_1 and it may be assumed shorted. X_1 and R_3 may be assumed in parallel producing Z_1. In series with Z_1 is X_3 which produces a total impedance in this branch of Z_3. The angle between Z_1 and Z_3 is 45 degrees.

Starting again from the output for the other branch under the same assumptions, R_2 and X_2 are in parallel producing Z_2. This has R_4 in series with it producing a total impedance of Z_4. Z_4 makes an angle of 45 degrees with Z_2.

The first case started with a small phase angle and increased it by 45 degrees. The second case started with a large phase angle and decreased it by 45 degrees. Thus between points Z_1 and Z_2 there is total phase difference of 90 degrees. Another 90 degrees phase rotation occurs across X_1 making a total of 180 degrees between the signals traversing the two paths to the output. While R_2 contributes no phase rotation it completes the signal path to the output through one of the branches of the circuit. However, its magnitude must be equal to that of X_1 to compose the correct conditions for perfect null or balance.

The two branch impedances Z_3 and Z_4 are in parallel and form Z_o. Z_o is 70.7 percent of the magnitude of R_2 or X_1 with a phase angle of 45 degrees.

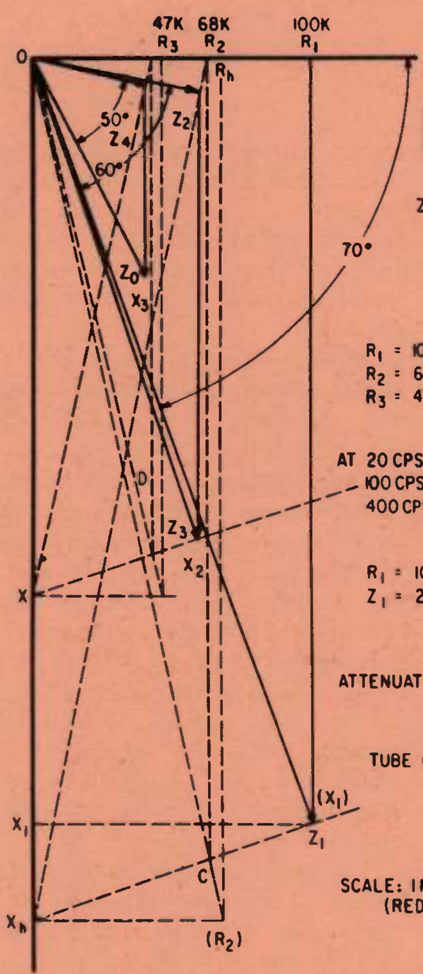
If R_4 is increased without limit, the phase angle between Z_4 and Z_2 will also increase. Now if R_2 is decreased, Z_2 will rotate toward Z_4 and the 45 degree angle between the two can be restored. This will restore the null balance of the network.

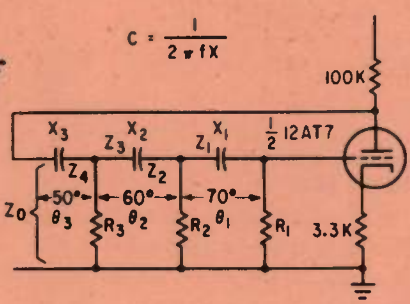
Any value of resistance R_1 may be used with no effect whatever upon the network at the null point. This is true of any bridge. Z_1 and Z_2 do not both need to be 45 degrees if their sum is 90 degrees. For exact null the magnitudes of the voltages from each branch circuit must be equal as well as being opposite in phase.

Tuned Circuits

The geometric method of circuit analysis is of little value in quantitative analysis of tuned circuits. However much can be learned concerning the general nature of the circuit.

For example, Fig. 20 is a tuned circuit with Q of 20. This means simply that the shunt R is twenty





R_1 = 100K X_1 = 275K 70° (C_1)
R_2 = 68K X_2 = 162K 60° (C_2)
R_3 = 47K X_3 = 66K 50° (C_3)

AT 20 CPS C_1 = 0.029μf C_2 = 0.05μf C_3 = 0.12μf
100 CPS C_1 = 0.0057 C_2 = 0.01μf C_3 = 0.024μf
400 CPS C_1 = 0.0014μf C_2 = 0.0025μf C_3 = 0.006μf

R_1 = 100K Z_2 = 61K Z_4 = 42K
Z_1 = 290K Z_3 = 185K Z_0 = 89K

$$\text{ATTENUATION} = \frac{R_1}{Z_1} \times \frac{Z_2}{Z_3} \times \frac{Z_4}{Z_0} = \frac{100}{290} \times \frac{61}{185} \times \frac{42}{89}$$

$\alpha = 0.054$

TUBE OR TRANSISTOR GAIN MUST EXCEED $\frac{1}{\alpha}$ OR 18.6

SCALE: 1MM = 1.33K (REDUCED)

FIG. 15 – Phase-shift oscillator network synthesis

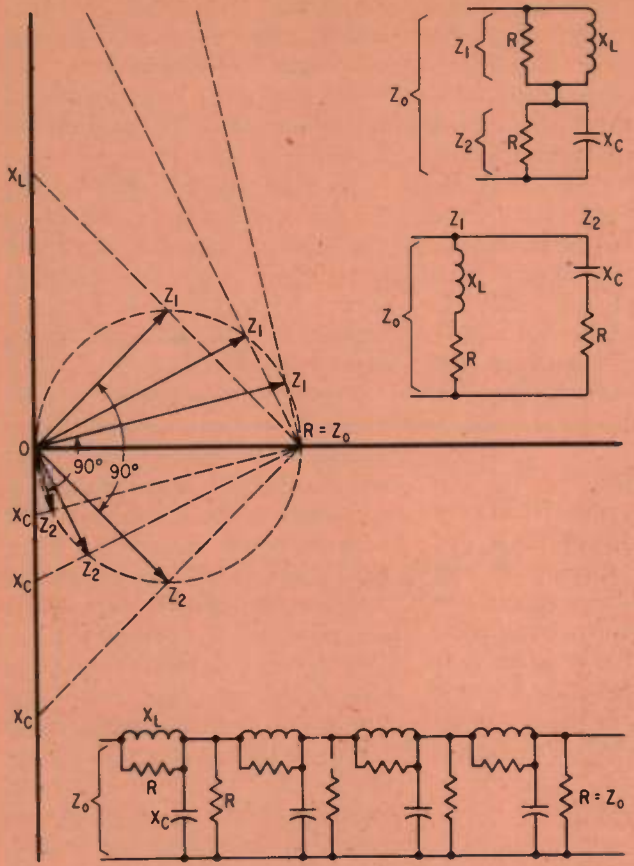


FIG. 16 — Complex circuits of constant resistance

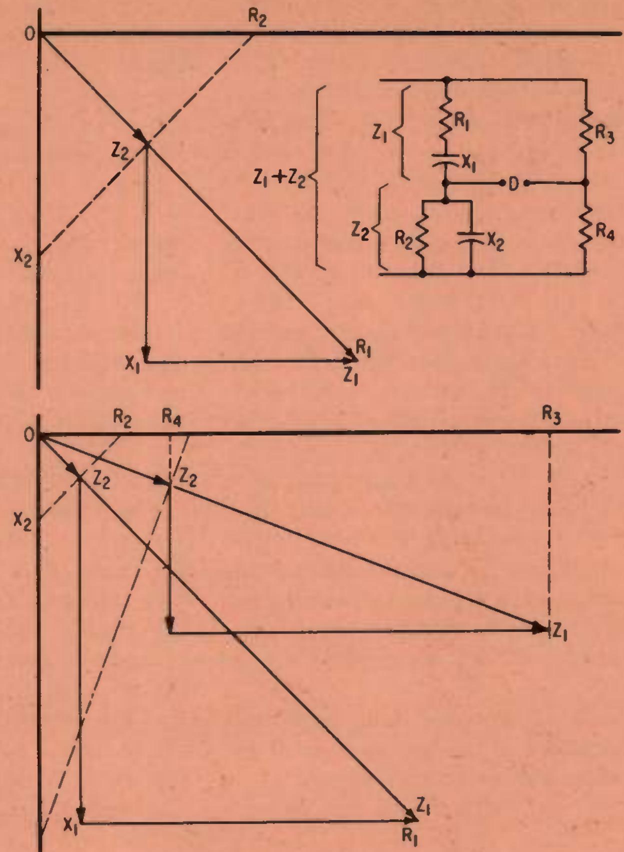


FIG. 17 — Wein bridge circuit and analyses

times the value of X_L and X_c at the point where they are equal or at resonance. If the reactances are equal the impedance of the circuit is R neglecting the loss of the coil and condenser. Their losses can be considered as part of R since it may be an equivalent loss anyway. Now if X_L and X_c differ by only 5 percent (one part in twenty) the X_1 or the X_c intercept (whichever it may be) will be 20 times the mean value of the two and the phase angle will be 45 degrees. The angle shown is somewhat more than this simply to get the material on the page.

The figure shows that the locus of impedances falls within a circle with diameter R. It also shows that as Q increases the phase angle changes more rapidly with given variations of X_L or X_c and with frequency. This is well-known, but Fig. 20 shows a picture of the situation. With very high Q circuits a very small change in frequency can reduce the impedance to 70.7 percent of its maximum and can also shift the phase by 45 degrees.

Flip-Flop Design, Graphic Method

Potential resistance diagrams will be found helpful in the design of flip-flop circuits for electron tubes or transistors. Such a diagram is shown in Fig. 21.

Three hundred volts are impressed across two resistance dividers each with three sections. Plate current is flowing in the upper part of only one at a time. For the divider not carrying plate current the potential fall is linear and voltages at plate P_1 and grid G_2 may be read directly from the left-hand scale. The slope of construction lines B, C and B, P_2, C is proportional to current. If plate P_2 is conducting it drops some 130 volts below plate P_1 in potential and pulls grid G_1 down to the position shown. This is approximately 40 volts below G_2 and cuts off tube P_1, G_1. Both cathodes are at potential R_k. The cathode resistor is established by drawing a diagonal line from the R_k point parallel to the line B, P_2 because the cathode circuit carries the same current as the plate and the slope of the lines is a measure of the current through the various resistances. This diagonal line intersects the base resistance line at about 22 K which is a good value for the cathode resistor. It will require approximately 40 volts (ΔE_g) to transfer this circuit.

If the grids are placed further up on their respective dividers, it will take more voltage to transfer the circuit but the loading impedance will be greater. However, the circuit will be more stable. The cathode resistor must be increased as well.

If the grids are moved down along the dividers, less driving voltage will be required for transfer and the loading will be greater (less resistance). The cathode resistor must be less in this case. Note that the cathodes are several volts above G_2 of the tube which is conducting. This is approximately the class A bias for the tube used.

The same technique is useful for design of transistor flip-flops. With transistors, however, the dividers will be slightly bent at the base points because of the base current of the conducting transistors.

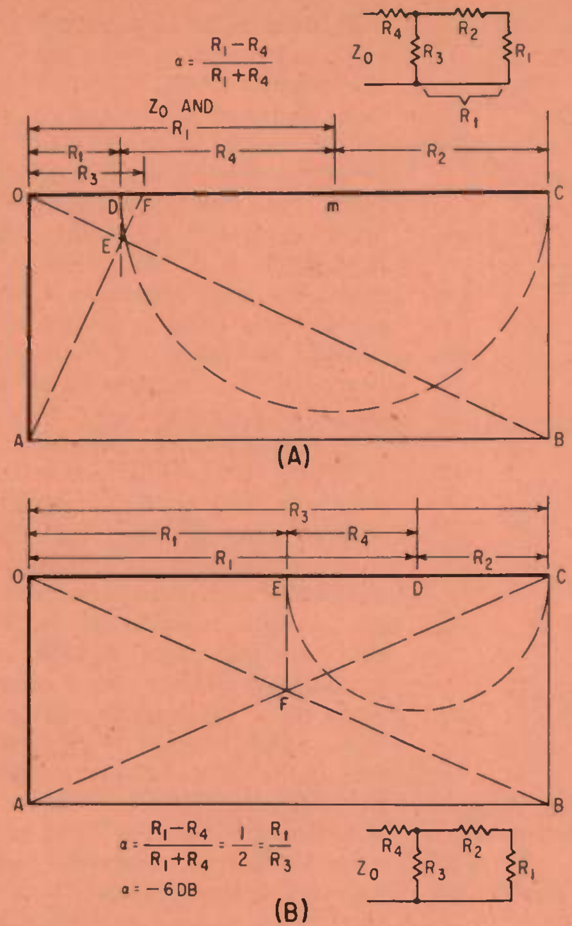


FIG. 18 – Resistance T attenuators

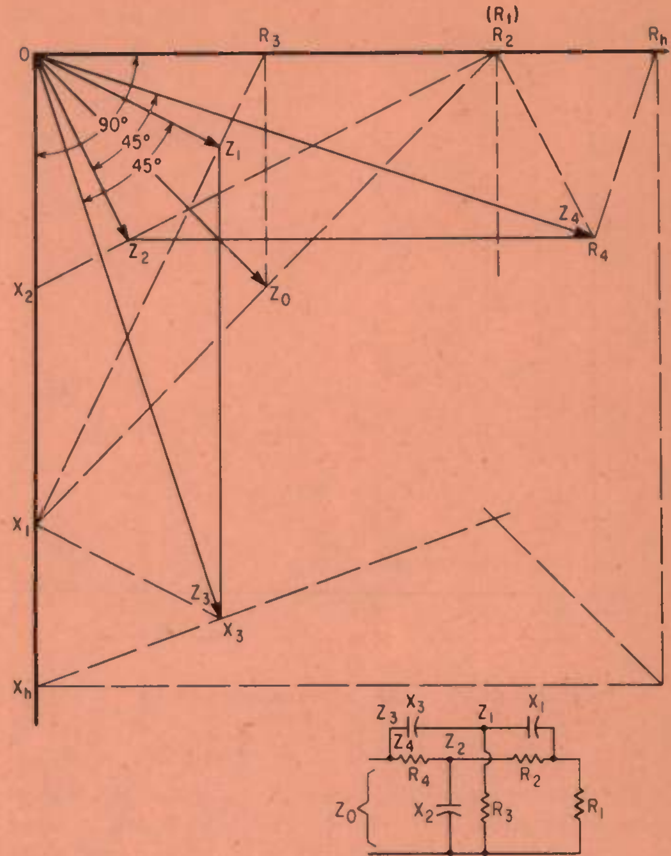


FIG. 19 – Symmetrical twin T null network

Matching an R-F Plate to a Transmission Line

This layout, Fig. 22, was delayed until now to show how satisfactory information may be obtained with certain points extending well beyond the paper. Here a 50-ohm transmission line is to be matched into a 2 K r-f plate impedance. The output capacitance of the tube is to be considered part of X_3.

R_1 is established and a semicircle is drawn as shown with R_1 as a diameter. Z_o (considered a pure resistance) is off the page to the right. An arc having a radius of one half of Z_o must be drawn with a beam compass with its center on the extended R axis.

Now X_1 can be chosen a little smaller than R_1 and with their connection Z_1 is found. X_2 is projected up from Z_1 to the arc establishing the length of X_2 and Z_2. At intercept B, which is A, X_2 extended to the X axis, an arc is drawn with radius O, B locating X_3. As usual Z_2, O is at right angles to A, B because of the semicircle.

This may not be a good design for the purpose, but it shows the method. It is recognized that the loss of X_2 will largely determine the insertion loss of the circuit.

The Admittance Method of Circuit Solutions

There is another method of analyzing circuits, by geometrically translating impedances to admittances and getting their sum. Translating back to impedances obtains their reciprocal. An illustration is shown in Fig. 23.

Two random impedances Z_1 and Z_2 have been chosen for the study. They are considered to be in parallel. Two impedances in parallel may be represented by two admittances in series.

The first step is to translate the impedances into the admittances, or reciprocals. For convenience the shorter of the two is considered as unity (all of this work is based largely on ratios). Any value can be chosen as unity because it is then the reciprocal of itself. Z_2 is the smallest impedance. An arc is constructed having a radius equal to Z_2. From the end of Z_1 a tangent is drawn to the arc at A. A is then connected to the origin and a line C, B is drawn parallel to Z_1, A. C is established where impedance line Z_1 intersects the arc D, A, E, and B intersects O, A. Another arc B, Y_1 is drawn. Y_1 is the admittance of the impedance Z_1 using Z_2 as unity. Y_2 is the same as

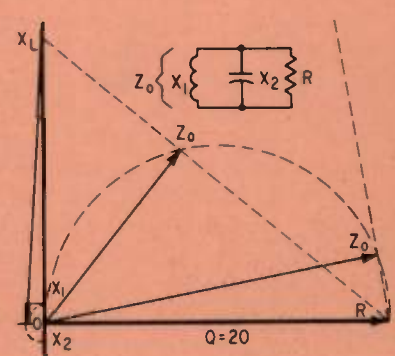


FIG. 20 – Plot shows nature of tuned circuit

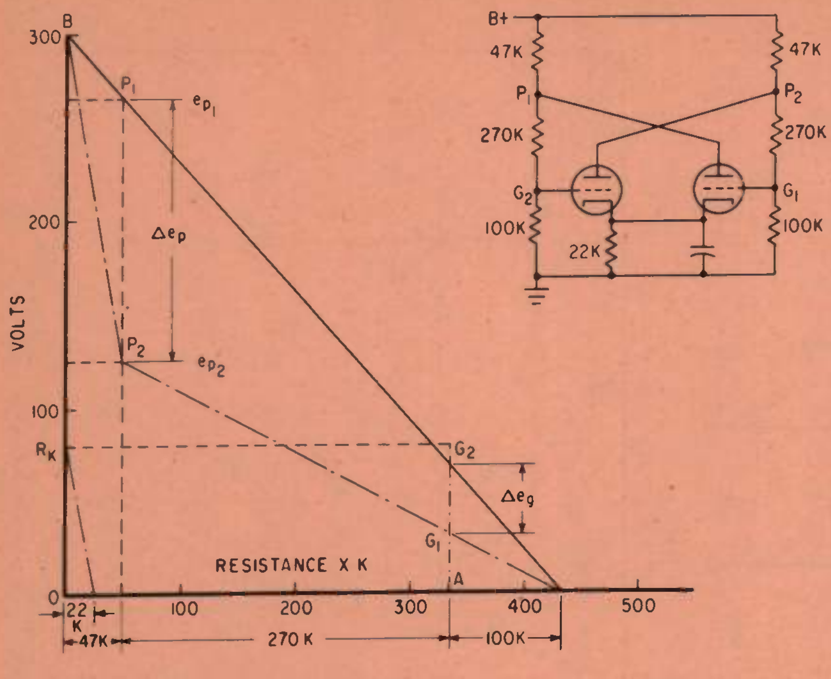


FIG. 21 – Flip-flop design by the graphic method

Z_2 (both being unity) and Y_1 and Y_2 are simply added in series by the usual parallelogram method. This yields Y_t which is the total admittance.

The reciprocal of this admittance is the final impedance. To get the reciprocal, arc Y_t, F is drawn. Then a tangent is drawn from G which is Y_t extended to the arc D, A, E and a line H, Z_o is made parallel to it, establishing Z_o as the final impedance.

Any arc can be used as unity but the layout will be a little more complicated. The magnitude or sign of the impedance has no effect on the validity of the solution.

Low-pass Phase Shift Oscillator for Transistors

Unlike electron tubes, transistors have an input resistance or impedance somewhat lower than their output resistance or impedance. For this reason the low-pass phase shift network lends itself better to oscillator design. The base loading will be greater than the input loading. Hence, for minimum attenuation throughout the network, the minimum phase rotation should be at the output or base end of the network. Arbitrary phase rotations of 70, 60 and 50 degrees are assigned from the input to the output as in Fig. 24A.

Now the independent variables X_1, X_2 and X_3 can be chosen and resistors found as before to form the proper angles with the junction impedances.

Starting at the output of the network and considering the base resistance part of R_1, R_1 and X_1 are seen as parallel. Setting R_1 at 116mm and X_1 at 58mm yields Z_1 52mm. A line 50 degrees upward from Z_1 is extended to a horizontal line from the end of Z_1, intersecting it at R_2. R_2 is 179mm by measurement. The total impedance formed so far has a shunt resistance component (equivalent) of R_h, and an equivalent X_h considerably off the bottom of the page.

In parallel with X_2 this reactance is X_t projected over to the reactance axis from intercept C. X_t connected with R_h forms Z_2. R_3 is now added in series with Z_2 to form an angle of 60 degrees with it. To form this angle its value must be 94mm. The equivalent impedance (R_3 to the origin) has equivalent shunt components found as usual. One of these is R_k which happens to be almost exactly the value of R_1 and is shown just above R_1. X_3 is projected over to a vertical dropped from R_k to make a parallel reactance frame as before. The total is then projected back on the reactance axis and is the value

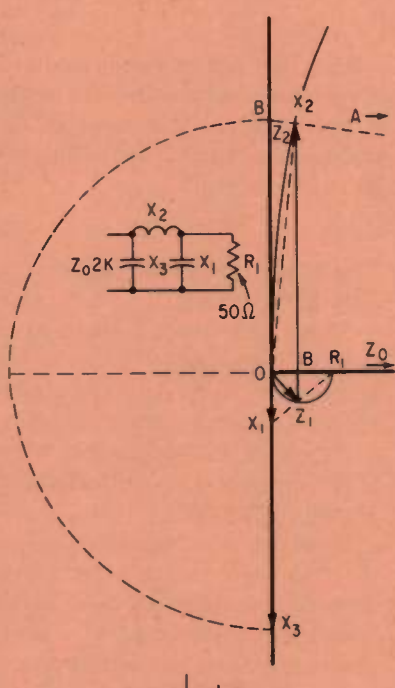


FIG. 22 – Matching an r-f plate to a transmission line

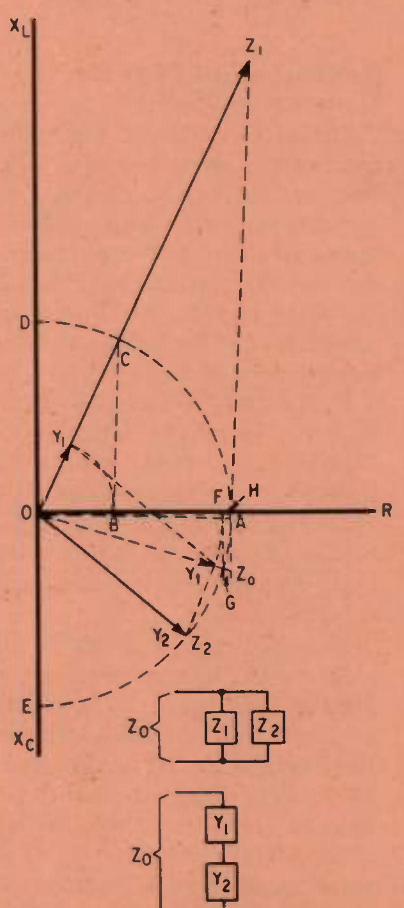
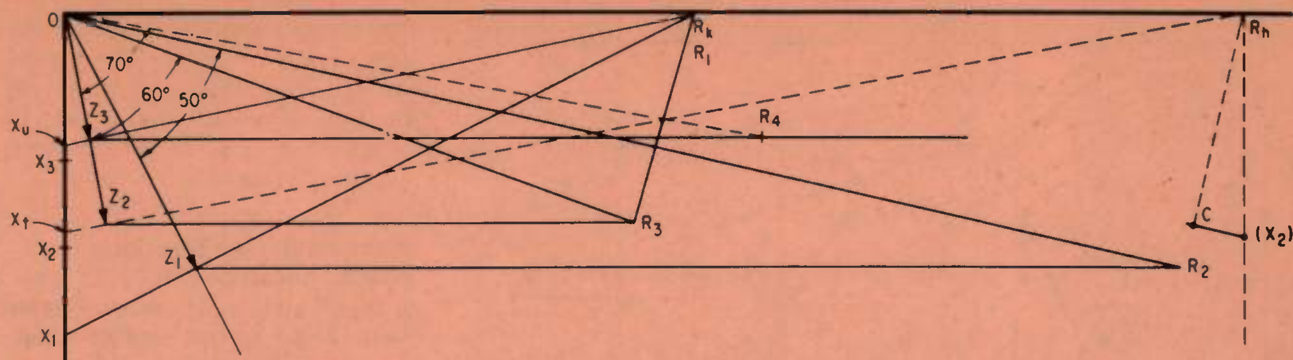


FIG. 23 – Admittance-impedance translation method of solving circuits



$Z_1 = 52mm$	$X_1 = 58mm = 11.6K$
$Z_2 = 38.5mm$	$X_2 = 43mm = 8.6K$
$Z_3 = 23mm$	$X_3 = 28mm = 5.6K$

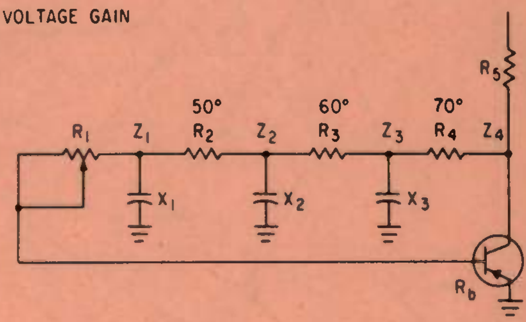
$R_1 = 116\ mm = 23.2K$
$R_2 = 179mm = 35.8K$
$R_3 = 94mm = 18.8K$
$R_4 = 122mm = 24.4K$
$R_t = 511mm = 102.2K$

$$a = \frac{R_b}{R_1+R_b} \times \frac{Z_1}{R_2} \times \frac{Z_2}{R_3} \times \frac{Z_3}{R_4} = \frac{52}{179} \times \frac{38.5}{94} \times \frac{23}{122} = 0.0224$$

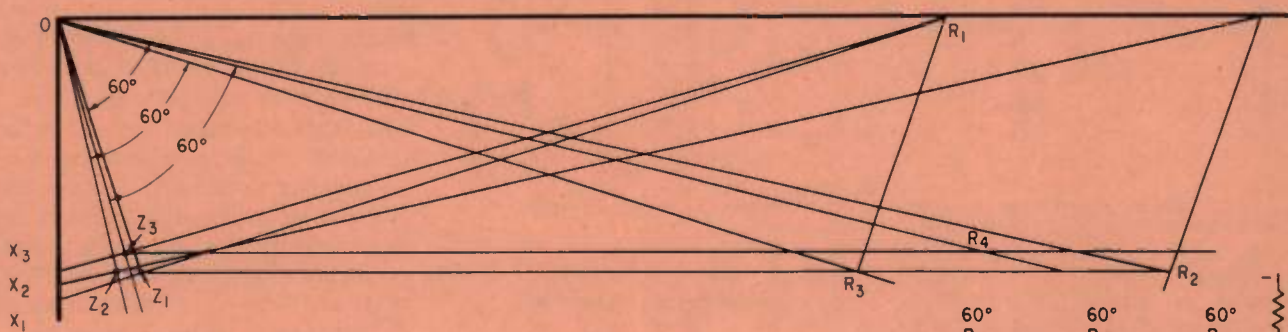
$$\frac{1}{a} = 44.5$$

V = TRANSISTOR VOLTAGE GAIN
W = POWER GAIN
R_0 = OUTPUT R
R_i = INPUT R

$$V = \sqrt{W \frac{R_0}{R_i}}$$



(A)

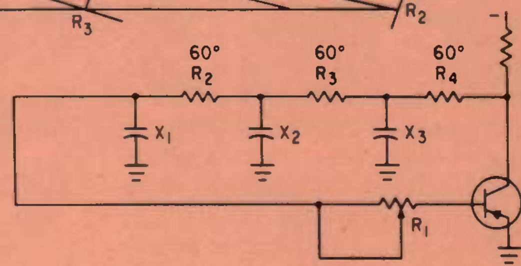


$Z_1 = 48$	$R_2 = 186$
$Z_2 = 47$	$R_3 = 131$
$Z_3 = 45$	$R_4 = 158$

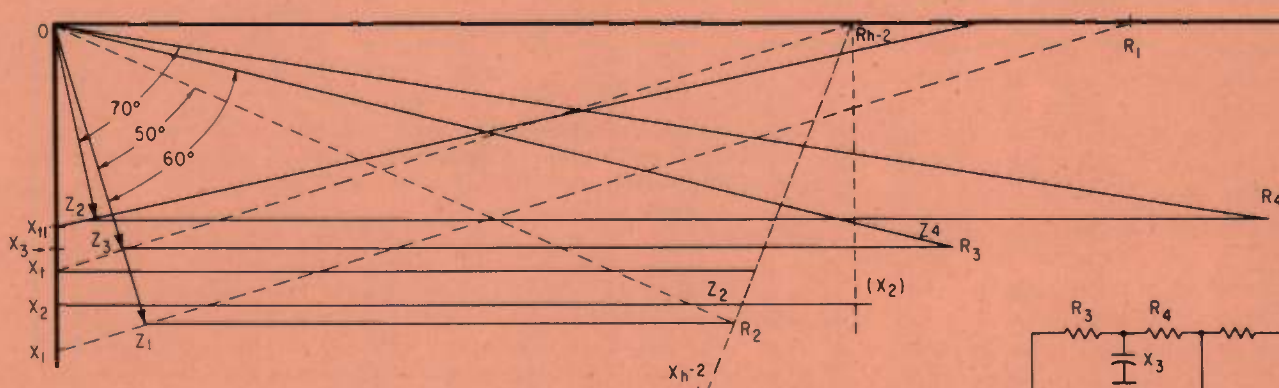
$$a = \frac{Z_1}{R_2} \times \frac{Z_2}{R_3} \times \frac{Z_3}{R_4} \cdots\cdots \times \frac{R_b}{R_i+R_b} = \frac{48}{186} \times \frac{47}{131} \times \frac{45}{158} = 0.0262$$

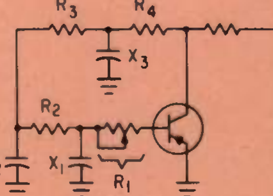
$$\frac{1}{a} = 38.2$$

R_b = BASE RESISTANCE



(B)





(C)

FIG. 24 – Geometrical solutions for low-pass phase shift transistor oscillators (A), equal angle per section phase shift oscillator (B) and the layout actually used to design a working transistor phase shift oscillator (C)

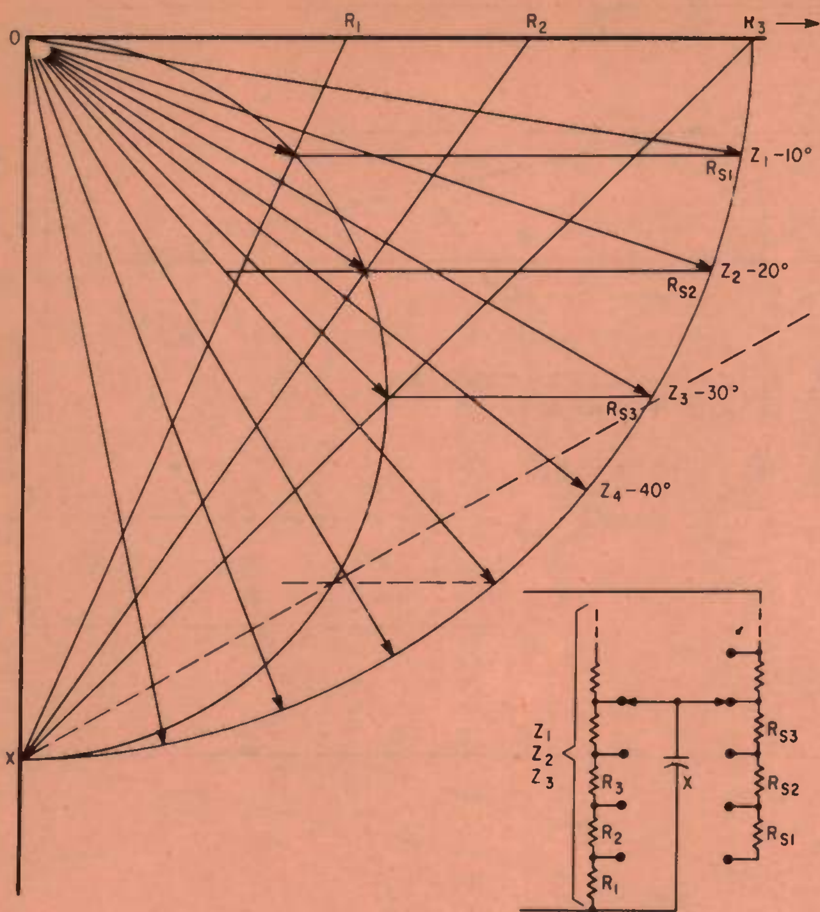


FIG. 25 — Constant magnitude, variable phase circuit with examples of impedances at phase angle intervals of 10 degrees

X_u. This in shunt with R_k forms impedance Z_3. Finally, a line 70 degrees above Z_3 is laid out and intersects a horizontal extended from Z_3 at R_4. R_4 is 122mm. The attenuation of the network is a bit high for the purpose. Without the signal division due to R_1 and the base, it is 44.5.

With proper ratios this divider R_1, R_2, R_3, and R_4 can be used to bias the base. Assuming that its total must be about 100 K for the proper bias for a given load, the sum of these resistors is found to be 511mm. If all values are multiplied by a factor of 200 the total will be 102.2 K. All values of X and R are multiplied by the same factor and values are established for the entire network having the characteristics which were set up in the beginning.

Transistors are not rated in voltage gain but this may be easily found for this oscillator design by taking the square root of the product of the power gain and the output-to-input resistance ratio.

To make the base resistance come out as a larger part of the total R_1 a smaller multiplying factor may be used. This may be desirable from the standpoint of attenuation.

Equal Angle Per Section Phase Shift Oscillator

In Fig. 24B another circuit is shown in which all sections have equal phase rotations and all reactances are made equal. The dependent R values were then found and the total attenuation was found to be approximately 38.2, not considering the R_1-base signal division.

Practical Design Transistor Phase Shift Oscillator

A phase shift oscillator was designed from the layout in Fig. 24C. Values were chosen for 1 Kc and it was found to work well. R_1 can be adjusted for optimum amplitude. A 2N226 transistor was used with a collector load of 8.2 K. The wave form had about 0.1 percent distortion and was within the tolerance limits of the components at 1 Kc.

Constant Magnitude, Variable Phase Circuit

A simple circuit having a constant impedance may be set up at any phase angle between zero and 90 degrees as in Fig. 25. It consists of a single reactance X with parallel resistance and series resistance.

All of the impedances formed by X and any number of R values in parallel with it will fall within the semicircle O, X. The series resistances are projected out to arc R_3, X. This arc defines the required limits for all of the total impedances Z_1, Z_2, Z_3, and so on, at any angle which may be chosen. Several examples of impedances are shown at 10 degree intervals.

ABOUT THE AUTHOR....

H. K. Bradford, a project engineer with the Alexandria Division of American Machine and Foundry Company, has some 30 years experience in circuit design and applications. His work has included communications, radar, computers, instrumentation and test equipment. A number of circuits for the Matador missile, one of the first to become operational, were designed by him, including the analog computer for high altitude guidance. He has published several technical articles, among them two prior appearances in ELECTRONICS, and he has patents or patent applications for a vector impedance bridge, frequency divider, magnetron tester and a twin-T sensor bridge for a standard deviation meter. In addition to AMF, he has been employed as a designer by ACF Electronics, Bendix Aviation Corp., The Martin Co., National Scientific Labs Inc. and Outlook Engineering Corp.

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CT—Comment
EN—Electronics Newsletter
ERS—Electronics Reference Sheet
MR—Marketing
PC—Picture with Caption
PT—Production Techniques
RD—Research and Development
SR—Special Report
TF—Technical Feature Article
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• Voltage-to-time converter, digital voltmeter ...... TF67 May 5 61
Voltage regulators, d-c, four-layer diode .... TF121 Nov 25 60
• Voltage-variable capacitors in series-resonant circuit form square-wave oscillator .... TF96 May 19 61
• Zener diode feedback in d-c power supply .... TF99 May 19 61
• Zener diode test circuit .... TF93 Jan 13 61
Zener-triode clipper uses less power .... RD110 Jul 29 60

• Direction finder, automatic, servo-type .... TF110 Jun 9 61
• Direction finder, Discoverer capsule .... TF42 Mar 3 61
Direction finder, low-frequency .... TF74 Sep 16 60
Direction-finder, magnetic, cave-mapping .... TF61 Sep 23 60
Discriminator, phase, of servo-balanced capacitance bridge .... TF56 Aug 5 60
Discriminator, pulse height .... TF60 Oct 7 60
• Discriminator, staggered-tuned f-m .... TF44 Jun 2 61
Discriminator, wave, quartz crystal sharpens characteristics of analyzer .... TF68 Sep 23 60

DISPLAYS

Battle display, air, sea, submarine .... PC28 Mar 3 61
• Binary-to-decimal converter-display uses magnetic stepping .... TF111 Apr 28 61
Cathode ray writing and storage tubes for nanosecond display in pulse analyzers .... CM82 Dec 2 60
• Cro display of missile performance .... TF46 Mar 24 61
Cro display of tone-modulated signal .... TF74 Oct 28 60
Cro telemetry monitor .... TF57 Oct 21 60
Crt gives bar-graph display of 39 traces, presents amplitudes as time duration .... TF51 Aug 26 60
Crt is remote input-output for computer .... RD109 May 19 61
Displaying variables of power transistors .... RD58 Sep 2 60
Electroluminescent data display .... BF53 Mar 10 61
• Electroluminescent display devices .... TF31 Mar 24 61
• Electroluminescent display, scannable .... TF182 Mar 10 61
Flat-screen optical display .... EN11 Apr 21 61
Indicator, moving-target, test .... TF58 Dec 2 60
• Laser radar cro display .... TF51 Apr 21 61
• Miniature radar and tv display .... PC22 Apr 21 61
Oscilloscope bar chart, 60-channel .... TF101 Nov 18 60
Phase-path display shows radar target speed ..... TF44 Sep 2 60
• Ppi, symbols, of air traffic control radar .... TF47 May 26 61
Ppi uses interscan technique .... BF39 Feb 17 61
• Projector superimposes maps and data without distortion on crt radar display .... TF58 Mar 3 61
Pulse-controlled panel displays real-time or programmed data .... RD68 May 26 61
• Radar computer output display, alphanumeric characters, points plotted on crt .... TF75 Jun 30 61
• Radar pulses locate, identify and show position of aircraft .... TF57 Feb 10 61
• Remote radars combined on single ppi display by time-sharing and storage tubes .... TF124 Feb 17 61
Divider, frequency, of transistorized tv camera is thermistor-stabilized .... TF72 Sep 9 60
Divider, frequency, monostable multivibrator .... TF76 Nov 4 60
• Doubler, frequency, uhf, broad-band .... TF194 Mar 10 61
Drafting computer makes engineering drawings in ½ second .... BF40 Feb 17 61
Duplexer, multipactor, megawatt .... RD108 Nov 8 60
Dynamometer, tape programming .... TF74 Dec 16 60

E

EDUCATION

(See Manpower & Education)
EIA considers reorganization and taxes .... BF26 May 26 61
Elapsed-time indicator, electrochemical .... CM98 Dec 9 60
Electrochemical elapsed-time indicator operates on electroplating principle .... CM98 Dec 9 60
Electroencephalograph records converted to punched-tape input of digital computer .... TF78 Dec 16 60
• Electroluminescent display and logic .... TF31 Mar 24 61
Electromechanical devices and systems .... SR57 Sep 30 60
Electrometer, movable vane .... TF84 Nov 11 60
Electron beam microscope, x-ray .... BF34 Feb 3 61
Electron beam processes for microcircuit fabrication TF59 Jul 15 60
Electron beam thin film micromachining .... EN9 Jan 20 61
Electron beam welder .... RD91 Sep 16 60
• Electronics in Europe: special report on business conditions and technology .... SR65 Jun 9 61
• Electronics market today and tomorrow .... BF73 Jan 6 61
Electronics probes nature .... SR53 Jul 29 60
• Electronic traffic controls .... TF109 Jan 6 61
Electrostatic storm-warning in Russia .... EN9 Jan 6 61
Embedding materials, Inorganic, 300 C-plus .... CM122 Apr 28 61
• Encoders, binary and Gray .... TF56 Jan 27 61

ENVIRONMENTAL TESTING

Army systems testing .... BF38 Nov 11 61
Ceramic-metal modules resist radiation .... EN11 Aug 19 60
Chamber simulates 45-mile height .... PC42 Dec 2 60
Microelement evaluation report .... CM138 Nov 25 60
Noise generators for vibration tests .... PC44 Aug 26 60
• Nuclear weapons radiation; design and tests for radiation-resistant circuits; malfunction causes TF62 Feb 10 61
Nuclear blast damage at five miles .... BF40 Jul 22 60
Radiation reports aid space circuit design .... CM64 Jun 2 61
Radiation effects on materials to be studied at new Air Force lab .... BF44 Oct 14 60
• Resins, embedding; environmental effects .... TF130 Feb 17 61
Satellite tested in space magnetic and solar enviroment .... BF38 Dec 9 60
Semiconductor device test improvements .... BF32 Feb 3 61
Semiconductors tested in space conditions .... EN11 May 5 61

Servo-balanced capacitance bridge plots dielectric properties during thermal cycling .... TF56 Aug 5 60
Shock tester, pneumatic .... PT105 Dec 9 60
Thermion (thermal analog) evaluates tube performance in various environments .... TF92 Sep 30 60
Transient radiation effects study .... EN11 Mar 10 61
Equivalent circuits of inductors .... ERS70 Aug 26 60

EXHIBITIONS

(See also Conferences)
Aerospace-Electronics Show .... EN11 May 19 61
Boat electronics at show .... BF26 Jan 27 61
British physics show theme is solid-state .... BF24 Feb 10 61
British show instruments in USSR .... BF31 Jul 8 60
Business equipment show, new products .... BF26 Apr 14 61
Data systems featured at Business Equipment Exposition .... BF40 Nov 25 60
Digital controls featured at Chicago Machine Tool Exposition .... BF32 Sep 16 60
Electronic Parts Distributors Show special issue May 12 61
French instrumentation show highlights .... BF26 Jun 9 61
German exhibit shows progress in controls .... BF38 Nov 25 60
Instrument firms sponsor exhibition .... BF38 Jul 8 60
International Congress & Exhibition for Instrumentation & Automation .... BF32 Oct 21 60
IRE Show, new components at .... EN11 Mar 24 61
IRE Show, products shown .... BF36 Mar 10 61
IRE Show, new products report .... BF18 Mar 31 61
Japan's Precision Measuring instrument Shows probe markets in U.S. and Russia .... BF40 Sep 30 60
NAB Conference, exhibits of f-m stereo .... BF25 May 19 61
Phonograph advances shown at hi-fi show .... BF53 Oct 14 60
Reps join in traveling instrument show .... BF46 Oct 14 60
Satellite and avionics developments shown at British airshow in Farnborough .... BF36 Sep 23 60
Wescon activities preview .... BF44 Aug 12 60
Exploding wire circuit discharges in 7 sec. .... TF43 Jul 1 60

EXPORTS

(See Imports & Exports)

F

• Facsimile agc video distribution amplifier .... TF58 Jun 16 61
Facsimile, digital, speeds mail .... BF44 Nov 25 60
Facsimile mail transmission .... WO14 Nov 11 60
Facsimile mail transmission tested .... WO14 Aug 19 60
Facsimile mail transmission tested .... WO14 Oct 14 60
Facsimile net links weather stations .... BF51 Dec 16 60
Facsimile recording sweep generator .... TF88 Dec 9 60
Facsimile transmission of mail sought .... EN11 May 19 61
Facsimile transmits blueprints .... BF27 Jun 2 61
• Facsimile transmitted via meteor-bursts .... TF85 May 19 61
Fans, cooling, selection factors .... TF127 Nov 25 60
• Fault-indicating series regulator .... TF60 Jan 27 61
Feedback circuits for a-c instrument calibration .... TF94 Sep 30 60
Feedback controls gain of transistorized chopper amplifier .... TF55 Jul 1 60
• Feedback for transistor amplifiers .... TF46 Mar 31 61
Feedback loop of circuit which extends frequency limit of transistors .... TF56 Aug 26 60
Feedback, positive, provides infinite input impedance; applications in amplifiers, etc .... TF102 Nov 18 60
Feedback potentiometer stabilizes heart-lung machine control .... TF91 Jul 29 60
Feedback, regenerative, for fast-rise pulses using secondary-emission pentodes .... TF60 Oct 7 60
• Feedback stabilized amplifier, power supply .... TF99 Jan 13 61
Feedback stabilizes signal generator .... TF71 Jul 15 60

FERRITES

• Attenuator of crystal current control .... TF59 Apr 14 61
Coincidence detector with fixed and moving ferrite core memories .... TF66 Sep 23 60
• Ferrite cores for magnetic tape recorder .... TF89 Jun 30 61
Ferrite core switches .... SR57 Sep 30 60
Hall-effect multiplier core .... TF64 Jul 15 60
Isolator, uhf, stabilizes paramp gain .... BF123 Aug 12 60
• Magnetic materials research and applications in computer and microwave devices .... TF81 Jan 13 61
• Magnetization time of ferrite core is basis for decimal storage method .... TF50 Mar 17 61
Memory devices, research trends .... TF73 Nov 11 60
Microminiature types and R&D .... SR77 Nov 25 60
Modulator of ballistic interferometer .... TF68 Sep 16 60
Toriods improve r-f choke performance .... TF50 Dec 23 60
Ferroelectric ceramics, superdense .... CM86 Sep 23 60

* See Abstract Section for further details

	Entry	Ref	Date
	Ferromagnetic films, thin, for memory	TF100	Jul 29 60
*	Fillers for embedding resins	TF130	Feb 17 61

FILTERS

	Entry	Ref	Date
*	Amplifier filter, microwave radiometer	TF72	May 12 61
	Coaxial resonators, helical, design	ERS140	Aug 12 60
	Couplers, broadband, design chart	ERS76	Oct 21 60
	Crystal filters Improve selectivity of airborne command receiver	TF54	Aug 26 60
*	Digital tone filter, bandpass slot type	TF58	Feb 3 61
*	Filter, automatically self-adaptive through memory, finds unknown signal in noise	TF117	Feb 17 61
*	Filtering improves rectifiers (CT6 Jun 2 61)	TF88	Apr 7 61
	Filters aid seismic exploration	RD97	Apr 7 61
	Filter, phasing, tuning and notch networks	TF74	Dec 16 60
	Frequency-selective filters tune parametric amplifier	BF36	Dec 23 60
	Graphical solution for twin-T networks, ERS 67 Jun 17, author's corrections	CT6	Aug 19 60
	Harmonic absorption filters, microwave	CM86	Apr 14 61
	Interference suppression with filters	TF84	Sep 9 60
*	Low-pass, active feedback-buffered	TF52	Jun 16 61
	Magnetostriction bandpass filter materials, design, applications	TF88	Dec 16 60
*	Microwave filter design charts	ERS94	Jun 30 61
*	Output filter of static inverter	TF70	May 5 61
*	R-C and R-L canonic one-terminal pair network transformation charts	ERS82	May 12 61
*	Semiconductor filters and delay-lines	TF182	Mar 10 61
*	Stripline filters in miniature tunnel diode r-f amplifiers	TF120	Feb 17 61
*	Synchronous filter of adf servo amplifier	TF110	Jun 9 61
	Tape transport filters wow flutter	TF61	Aug 26 60
*	Tunable filter network, power supply	TF99	Jan 13 61
	Tuning-fork audio filter tuned by varying electromagnet coil current	TF66	Dec 2 60
	Finance seminar details role of banks, accountants and venture capital firms	BF40	Dec 9 60
*	Flowmeter, electromagnetic, for blood	TF49	Jan 20 61
*	Flowmeter, portable, transistor	TF59	Jun 23 61
*	Flying-spot scanner, integrating densitometer	TF64	Jan 20 61

FOREIGN ELECTRONICS

(See also Imports-Exports)

	Entry	Ref	Date
	Anglo-French satellite program	EN9	Jan 20 61
	Arabia, stereocasts begin in	BF46	Sep 9 60
	Argentina forms radio-tv commission	BF24	Apr 21 61
	Argentine outputs fails	BF43	Sep 9 60
	Australia seeks large computers	EN9	Mar 31 61
	Australian high-power radiotelescope	EN11	Nov 25 60
	Austria get first transistor plant	BF35	Apr 7 61
	Brazil buys Swedish telephone gear	BF28	Mar 17 61
	Brazil producing transistors	EN11	Jul 15 60
	Brazil's production grown fast	BF42	Nov 18 60
	Britain halts radio-tv developments pending study of stereo and color	EN9	Jan 6 61
	Britain to build steerable radio telescope	EN11	May 5 61
	Britain's new aircraft landing beacons	BF13	Oct 14 60
	Britain steps up controls research	BF44	Aug 26 60
	British aircraft landing system	BF12	Nov 18 60
	British air traffic computers	BF30	Mar 17 61
	British air traffic control policy	BF26	May 12 61
	British auto ingition system	EN9	May 12 61
	British banks adopt U.S. magnetic ink characters for checks	BF27	Jan 27 61
	British component sales rise	EN11	Apr 21 61
	British computer runs plant	BF34	Apr 14 61
	British computer schedules buses	BF34	Feb 10 61
	British cut tv set prices by 25%	MR22	May 12 61
	British electroluminescent data display	BF53	Mar 10 61
	British electronics production and exports exceed other European nations	CT6	May 5 61
*	British electronics report	SR65	Jun 9 61
	British firm expands into U.S. markets	EN9	Mar 17 61
	British gasoline pump display	BF14	Apr 21 61
	British get 100 calls on one phone line	BF30	Feb 10 61
	British have low-cost ion generator	EN11	May 19 61
	British install integrated air traffic system	EN11	Mar 10 61
	British may adopt European tv standard	EN11	Sep 2 60
	British medical tv shown	BF12	Nov 4 60
	British-Moscow tv link seen	BF27	Mar 31 61
	British navy wants target computers	EN11	Mar 10 61
	British output rises 25% in five years	BF25	May 19 61
	British production is $1.4 billion	EN9	Feb 17 61
	British physics show theme is solid-state	BF24	Feb 10 61
	British satellite and avionics developments shown at airshow in Farnborough	BF36	Sep 23 60
	British show high-speed printer	BF41	Oct 21 60
	British spend 11.9% for R&D	BF46	Jul 22 60
	British subsidiary expands	BF12	Nov 18 60
	British telegraph routing system	BF46	Dec 9 60
	British, tv prices cut	BF38	Sep 16 60
	British tv sales drop	EN11	Jul 29 60
	British tv sales slump in 1960	EN9	Feb 10 61
	British use electronically-controlled tractors to unload railroad freight	RD104	Oct 14 60
	British wary of NASA contracts	EN11	May 19 61
	Cambodia inaugurates tv broadcasting	BF9	Mar 10 61
	Cambodia to get tv network	BF12	Nov 18 60
	Canada buys mail sorters, cancellers	EN9	Jan 20 61
	Canadian opposition to color tv	BF12	Nov 4 60
	Canadian sales of radio, tv, record players, tubes in 1959–1960	MR30	Dec 9 60
	Canadians forming avionics export co-op	EN9	Jan 6 61
	Central America, tv network formed in	BF38	Jul 29 60
	China considers color tv	EN11	Mar 10 61
	China has 29 tv stations	EN11	Jan 13 61
	Chinese copy East German telecommunications	EN11	Apr 7 61
	Chinese radio-tv production	EN11	Apr 21 61
	Chinese reds modernize plants	EN9	Mar 17 61
	Chinese tv net building lags	BF36	Apr 14 61
	Communist China's "big leap" program is closing technological gap fast	BF32	Dec 23 60
	Congo gets air navigation center	BF29	Apr 7 61
	Cuba buys 56 plants from Reds	EN11	Aug 12 60
	Cuban losses of ITT	BF18	Dec 2 60
	Czechoslovakia, survey of electronics firms, output, product lines	BF24	Feb 3 61
	Czechoslovakian distance meter	RD84	May 5 61
	Czechs open ninth tv station	BF28	May 19 61
	Czech unit probes magnetic fields	BF12	Nov 4 60
*	Dutch electronics report	SR65	Jun 9 61
	Dutch firm may invest in Swiss	BF23	Feb 24 61
	Dutch system monitors tides, waves	EN11	Jun 2 61
	Dutch radar fire control system	BF14	Apr 21 61
	Dutch test aircraft ILS	BF35	Apr 7 61
	Dutch telephone dialing error preventer	EN11	Nov 11 60
	East Europe forms tv net	BF12	Nov 18 60
	Eastern Europe radio-tv statistics	BF14	Apr 21 61
*	Electronics in Europe: special report on business conditions and technology	SR65	Jun 9 61
*	Electronics market 1960–70, survey of sales, international trade, etc	BF73	Jan 6 61
	Estonian electroluminescence R&D	BF34	Jan 13 61
	European expansion by US companies, lists US-owned plants	BF30	Oct 28 60
	European firm balks at sales to USSR	EN9	Feb 10 61
	European midget tape recorders	BF36	Apr 14 61
	European set sales rise	BF53	Nov 18 60
	Europeans plan space research co-op	BF12	Dec 2 60
	Finns get nuclear reactor	BF12	Nov 4 60
	France finds radar narcosis hazard	EN9	Feb 3 61
	French build x-ray microscope, 1,000X	BF34	Feb 3 61
*	French electronics report	SR65	Jun 9 61
	French instrumentation show highlights	BF26	Jun 9 61
	French sales at $250 million	BF24	Mar 17 61
	French reactor computer controlled	BF12	Nov 18 60
	French symposium on semiconductors	BF20	Mar 24 61
*	German electronics report	SR65	Jun 9 61
	German antennas for Italian tv net	BF13	Oct 14 60
	German auto traffic radar analyzer	RD92	Dec 9 60
	German direction-finder weighs 2.2 lbs	EN11	Jul 8 60
	German exhibit shows progress in controls	BF38	Nov 25 60
	German radio and tv sales up	EN11	Aug 26 60
	Germans exhibit machine tool controls	BF13	Oct 14 60
	Germans making NATO tropo antennas	BF30	May 19 61
	Germany markets 17–inch tv	BF42	Dec 2 60
	Germans to help space communications	EN9	May 26 61
	Germany considers Angle-French satellite program	EN9	Jan 20 61
	Germany, subway controller for Hamburg	EN11	Aug 12 60
	Ghana station joins research net	EN9	May 26 61
	Hungarian electronics factories and products	BF26	Feb 17 61
	Hungary pushes instruments	BF36	Aug 5 60
	India to make transistor radios	EN11	Sep 23 60
	International exhibition stresses computers and controls	BF32	Oct 21 60
	Irish plan four tv studios	BF9	Mar 10 61
	Irish space research center	BF12	Dec 2 60
	Israel plans radio receiver plant	BF53	Mar 10 61
*	Italian electronics report	SR65	Jun 9 61
	Italian firm to produce Hawk missiles	EN11	Jul 8 60
	Italy readies second tv net	BF30	Apr 14 61
	Italian, U.S. Joint venture firm	EN11	May 5 61
	Italy gains two plants	BF12	Dec 2 60
	Japan considers stratosphere balloon relay	EN9	Feb 10 61
	Japan eases license rules	EN9	May 26 61
	Japan extends transistor radio quota	EN9	Jan 6 61
	Japan finances tv stations to cut tv set surplus	EN11	Oct 14 60
	Japan gets five color tv stations	BF13	Oct 14 60
	Japan makes miniature citizens' band radio	EN9	Jan 20 61
	Japan may abandon parametron computers	EN11	Jun 2 61
	Japan may cut transistor prices	EN9	May 26 61
	Japan promotes frequency meter production	EN11	Dec 9 60
	Japan pushes tv, computers	BF32	May 26 61
	Japan sees tv price war as set market saturates	BF22	Apr 21 61
	Japan starts semiconductor institute	EN11	Mar 24 61
	Japan to make air-air missile	EN11	Apr 7 61
	Japan to make linear klystrons	EN11	Jul 8 60
	Japan-U.S. cable planned for 1964	EN9	Jan 20 61
	Japan wants Okinawa quota on exports to U.S.	BF28	Mar 3 61
	Japan wants to make Sidewinders	BF33	Feb 3 61
	Japan's Precision Measuring Instrument Show in U.S.; Russians buy $20 million	BF40	Sep 30 60
	Japanese betatron tests materials	BF36	Apr 14 61
	Japanese claim breakthroughs in cryotrons and diodes	BF12	Dec 2 60
	Japanese color tv recorder	BF34	Feb 10 61
	Japanese competition in instruments	EN9	Apr 28 61
	Japanese computer licensees	BF48	Nov 25 60
	Japanese consumer electronics sales up	MR20	Mar 17 61
	Japanese conventioneers hear 1,668 papers	BF24	Apr 28 61
	Japanese decisions on export-import quotas	EN11	Jul 8 60
	Japanese develope pulse neutron generator	PC30	Apr 14 61
	Japanese electronics rises 31 percent in 1960, is $856 million in nine months	EN9	Mar 3 61
	Japanese firm expands by $100 million	EN9	Mar 31 61
	Japanese firm makes molecular devices	EN9	Mar 3 61
	Japanese infrared microscope	EN11	Nov 11 60
	Japanese make small videotape recorder	EN11	Feb 24 61
	Japanese miniaturization	EN11	Nov 25 60
	Japanese new color tv camera tube	CM64	Jun 2 61
	Japanese phone net, 2,700-channel	BF30	Apr 7 61
	Japanese production mounts	WO14	Sep 2 60
	Japanese production up 40%	WO14	Nov 11 60
	Japanese pushbutton telephone	BF21	Apr 21 61
	Japanese push over-horizon systems	EN11	Jul 29 60
	Japanese radio-tv sales, exports	EN11	May 19 61
	Japanese show $2.80 thermal converter	BF34	May 12 61
	Japanese subsidiary of U.S. firm to make computers, cross-license	BF40	Sep 23 60
	Japanese train reservation system	BF12	Nov 4 60
	Japanese-US joint venture in computers	EN11	Oct 28 60
	Japanese weather radar range 933 miles	RD84	Oct 28 60
	Latin Americans increase telecasting	BF39	Mar 10 61
	Lebanon tv sales rise	BF22	Mar 31 61
	Malayan radio imports up 13%	BF27	Apr 7 61
	Market opportunities in small nations	MR26	Nov 18 60
*	Medical diagnosis developments	TF49	Jan 20 61
	Mexico-U.S. telephone-tv net	BF35	Apr 7 61
	National Telemetering Conference, foreign papers	EN11	Jun 2 61
	Near East banks use tv, computers	BF46	Aug 26 60
	Nigeria national radio station	BF12	Nov 18 60
	OAS plans interamerican network	EN11	Jul 22 60
	Overseas tv grows fast	WO14	Dec 9 60
	Philippine radar net planned	EN11	Oct 28 60
	Polish electronics industry review	BF34	Jan 13 61
	Puerto Rico shipments over $47 million	BF32	Aug 5 60
	Russia may launch Mars probe soon	EN11	Oct 7 60
	Russian range instrumentation ship	PC40	Oct 7 60
	South Africa considers ore sorter	BF29	Apr 7 61
	Swede sees computers solving engineer shortage	BF26	May 12 61
	Swedes plan mobile radiotelescopes	RD93	May 12 61
*	Swedish electronics report	SR65	Jun 9 61
	Swedish research in plasma physics	BF27	Feb 17 61
	Swiss build microwave relay links for remote control of airport radar	EN11	Oct 7 60
*	Swiss electronics report	SR65	Jun 9 61
	Thailand extends tv coverage	BF36	Apr 14 61
	Tri-nation satellite communications	EN9	Apr 14 61
	Tv broadcasting blossoms overseas	EN9	Apr 28 61
	Tv statistics, mid-1960	WO14	Jul 1 60
	USSR Academy reviews progress	EN9	Feb 17 61
	USSR allots $4 billion for 1961 R&D	EN9	Jan 6 61
	USSR computer translates Mayan to Russian	BF28	Mar 3 61
	USSR, cold cathode tube uses in	CM92	Sep 16 60
	USSR, countermeasures discovered in U-2	BF32	Sep 2 60
	USSR "discovers" scatter	EN11	Nov 25 60
	USSR, electrostatic storm-warning	EN9	Jan 6 61
	USSR, Germany mine with microwaves	EN9	Mar 3 61
	USSR glass insulators	RD85	Dec 2 60
	USSR has 70 satellite trackers	EN9	May 12 61
	USSR hits snags in automation	BF34	Sep 2 60
	USSR infrared railroad hot box detector	BF20	Mar 3 61
	USSR inspects wells with tv	PC22	Mar 31 61
	USSR journal blasted for failing to follow party line, other misdeeds	BF40	Dec 2 60
	USSR lags U.S. in space miniaturization	BF43	Nov 25 60
	USSR loses Venus probe, recovers spacecraft	EN9	Mar 17 61
	USSR lunar photo transmitting system	BF24	May 26 61
	USSR makes metallized magnetic tape	CM83	Oct 7 60
	USSR manned space flight	EN11	Apr 21 61

* See Abstract Section for further details

USSR nuclear icebreaker uses helicopter tv	BF43	Nov 11 60
USSR oceanographic submarine	BF26	Jan 20 61
USSR patent liaison sought	EN9	May 26 61
USSR plans tv network	EN11	Jul 15 60
USSR portable spectrometer	EN11	Jan 13 61
USSR predicts satellite tv	EN11	Sep 2 60
USSR products for automation	EN11	Sep 23 60
USSR pushes industrial technology	BF40	Oct 21 60
USSR recalculates Venus' rotation	EN9	May 26 61
USSR research aims	RD70	Feb 3 61
USSR researches brain's processes	EN11	Oct 21 60
USSR revamps R&D planning	BF30	Apr 28 61
USSR rockets study solar eclipse	EN11	Feb 24 61
USSR says spaceflight speeds cell fission	EN9	Feb 10 61
USSR seeks Japanese trade	BF29	Jun 2 61
USSR, semiconductor photocell developments	CM66	Dec 23 60
USSR shows two new missiles	EN11	Nov 25 60
USSR solid state physics publications may pass U.S. in 5–10 years	EN11	Dec 9 60
USSR spaceship cabin instruments	BF28	May 19 61
USSR Sputnik VII may be sky-spy	BF22	Feb 24 61
USSR stresses industrial electronics	BF36	Jul 29 60
USSR sub fleet, U.S. defenses	BF26	Jan 13 61
USSR, sun, wind, tide power R&D	EN11	Jan 13 61
USSR 10-bev synchrotron	PC53	Nov 18 60
USSR to show radiotelescopes	EN11	Jan 27 61
USSR tries radio power transmission	EN9	Apr 14 61
USSR tries stereocolor tv	RD82	Apr 14 61
USSR ultramicrotome, plasma amplification	EN9	Apr 14 61
USSR uses algorithmic programming	EN9	Apr 28 61
USSR Venus probe details	PC20	Mar 24 61
USSR Venus probe gear	EN11	Feb 24 61
USSR working on biostimulator	EN11	Jan 13 61
USSR x-ray image intensifier	BF9	Mar 10 61
Venezuela plans communications project	BF29	Jan 13 61
Voice of America station in Liberia	EN11	Sep 16 60
Yugoslavia to make Dutch tv sets	BF9	Mar 10 61
Yugoslavia to make sounding rocket	BF28	Mar 3 61
Fort Huachuca: arbiter of army electronics	BF38	Nov 11 60
• Fourier analysis, character display	TF75	Jun 30 61
French build x-ray microscope, 1,000X	BF34	Feb 3 61
Frequency analysis center, DOD	EN9	Mar 17 61
Frequency and time standards, atomic	RD80	Feb 10 61
• Frequency band letters for microwave	ERS58	Jun 2 61
Frequency divider using flip-flop triggers capacitance bank	TF58	Aug 5 60
• Frequency doubler, uhf, broad-band	TF194	Mar 10 61
Frequency scanning radar system	TF44	Sep 2 60
• Frequency-stabilization of tunnel diode oscillators	TF68	Feb 10 61
Frequency standard, WWV receiver	TF82	Nov 11 60
Fuel cell for space vehicles	RD70	Feb 3 61
Fuel cell development	RD104	Oct 14 60
Fuel cell, long-lived	EN11	Nov 25 60
Fuel cell, nuclear-fueled, materials	RD78	Dec 2 60
Fuse, reactor safety, gas absorbs neutrons	CM140	Nov 25 60

G

Gage, infrared, measures hot steel strip	TF65	Oct 21 60
Gas clipper tubes for radar service	TF80	Dec 16 60
Gas proportioning and mixing controls	PT80	Aug 19 60
Gases for semiconductor production	CM78	Jan 20 61
Gate, analog multiplication, using time as variable	TF136	Aug 12 60
Gate, input, multiplexer	TF64	Oct 7 60
Gates, AND, silicon diode, design chart	ERS80	Oct 28 60
Gates, back-biased diode pulse, a-c, d-c	TF94	Oct 14 60
• Gates, logic, tunnel diode-transistor	TF46	Mar 3 61

GENERATORS

(See also Power Sources & Supplies)

Accelerator, 12-bev synchrotron	EN9	Nov 4 60
• Clipper, two-stage, generates square waves from sine waves	TF64	Mar 17 61
• Delay generator, solid-state	TF78	Apr 14 61
• Echo signal generator tests radar	TF58	Mar 31 61
Electric wind energy converters provide high power and voltage	RD148	Aug 12 60
• Exponential sweep waveform generator	TF59	Apr 14 61
Frequency generator of aircraft recorder	TF118	Nov 25 60
Generator delivers rectangular constant-current or -voltage pulses for electrothermal and electroexplosive studies	TF82	Sep 16 60
• Impulse generator for receiver test	TF70	Apr 14 61
• Ionospheric impedance probe, signal generator	TF88	Jan 13 61
Million-volt lightning generator for vlf	TF53	Jul 22 60
Negative ion generator, low-cost	EN11	May 19 61
• Pulse generator, high-voltage, low-current	TF84	Jun 30 61
• Pulse generator for coherence tester	TF61	Apr 21 61
• Pulse generator, monostable, with Zener-diode clamp	TF76	May 12 61
• Pulse generators, avalanche transistor	TF81	Apr 7 61
Pulse and wave generator, digital analyzer	TF71	Sep 23 60
Pulse generator, solid-state, drives pump	TF74	Dec 2 60
Pulses vary in delay, width, amplitude	BF24	Feb 10 61
• Radar target generator, air war games	TF104	Apr 28 61
Radar target noise and clutter	TF58	Dec 2 60
Rectangular pulse generator of analog computer multiplier	TF70	Nov 4 60
Resistance-coupled bootstrap generates logarithmic, exponential or linear sweeps	TF60	Dec 23 60
Shift register, magnetic, clock generator	TF60	Oct 21 60
• Shift-register pulse generator makes megabit random sequences	TF56	Jun 23 61
Signal generator stabilized by feedback	TF71	Jul 15 60
• Sinewave generator, counter-testing	TF114	Jun 9 61
• Sinewave simulated by inverter	TF80	Jun 30 61
Spiral sweep generator	RD78	Nov 4 60
Square wave generator, multivibrator	TF74	Dec 16 60
Staircase voltage generator provides digital time code to identify recordings	TF88	Sep 9 60
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• Electronics in Europe: special report on business conditions and technology	SR65	Jun 9 61
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FAA air traffic control center	EN11	Jun 2 61
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EDITORIAL ABSTRACTS
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January through June, 1961, Vol. 34

NOTE: Copies of all **electronics** articles are available at cost of 65c a page for individual reproduction (excepting special reprints available at reduced rates). For rapid service, send requests to Reader Service Department **electronics**, 330 West 42nd Street, New York 36, N.Y., enclosing correct amount for number of pages, and listing title, page number and issue date of the article. The number of pages in feature articles published through June of this year is given in the abstracts.

JANUARY 6, 1961, ISSUE

The Electronics Market: Our Industry Today and Tomorrow, (38 pages)
by E. DeJongh .... *p 67*
Includes sales forecasts of military and space, industrial, comsumer and components markets for 1961, 1962, 1965 and 1970. Analyzes selling methods employed by the electronics industry, market planning and international trade.

Electronic Traffic Control, (6 pages)
by E. K. Damon and R. L. Cosgriff .. *p 109*
A philosophy of guided evolution is needed to make traffic aids now being developed compatible with those of the future. Proposed electronic control systems for guidance, warning, braking, speed control and automatic steering that embody this concept are outlined.

Engineering Trends in Consumer Electronics, (3 pages)
by G. J. Flynn .... *p 115*
Report of EIA's Radio Fall Meeting. Reviews of technical papers include details of new 10-pin and 12-pin tubes, circuits for battery-operated transistor tv sets and life data on entertainment transistors.

High Temperature Resonant-Cavity Dielectrometer, (2 pages)
by R. W. Sutton and N. Grechny, Jr., p 118
Measurements are made at temperatures to 2,500 F within accuracies of one percent for dielectric constant and five percent for loss-tangent. Resonant length of a tunable cavity is measured with sample inserted and then with sample removed. Materials tested included hypersonic radomes.

Measuring Parameters by Power Transistor Pulse Techniques, (3 pages)
by D. H. Breslow .... *p 120*
Pulse or sweep methods developed reduce input power when testing high-power transistors. Test transistor bias is such that power pulses have high peak value, but average power and resultant heating is low. The pulse tester is described.

Sensitive Amplifier Helps Locate Tumors, (2 pages)
by E. Gordy, M.D., and G. Sieber . *p 123*
Uptake of certain radioactive compounds is different for nonnal tissue and tumors. A scintillation counter presents the tissue radiation level data as variations in blackness of photographic film when the film is exposed to a light spot of varying intensity, linked mechanically to the scintillation probe.

Thyratron Monitors Line-Voltage Dips, (1 page)
by T. D. Koranye .... *p 126*
Simple thyratron circuit detects and counts short-duration, abrupt line-voltage dips. An alternate noncounting circuit which uses a special arrangement of neon lamps is also described.

JANUARY 13, 1961, ISSUE

Recent Progress in Magnetics, (5 pages)
by N. Lindgren, ... *p 81*
Report on Sixth Annual Conference on Magnetism and Magnetic Materials. Papers reviewed cover work in all-magnetic logic, compare ferrite cores and thin film memory elements, discuss preparation of thin films, ferromagnetic devices and studies of spiral walls in thin films.

Continuously-Variable Glass Delay Line, (2 pages)
by H. A. Brouneus and W. H. Jenkins .p 86
Delay line uses optically-polarized light to monitor the passage of an acoustic stress wave in glass. Glass under mechanical stress has different indices of refraction for polarized light parallel to and perpendicular to the direction of stress. Infinitely variable delay is obtained by the movement of a multiplier phototube readout element along the length of the glass delay line.

Measuring Antenna Impedance in the Ionosphere, (5 pages)
by O. C. Haycock and K. D. Baker .. *p 88*
Rocket-borne impedance measuring and telemetering system is used in research on antenna impedance changes. Resistive and reactive components of antenna impedance are measured as the rocket moves through the ionosphere. Test antenna types are described.

High-Speed Automatic Diode Tester, (3 pages)
by E. V. Marrott and V. S. Zucco .. *p 93*
Mechanical design and typical test circuits are given for automatic tester that can check 18,000 diodes per day. Twelve parameters are measured; diodes that fall outside the parameter limits are automatically rejected. Good diodes are rereeled on tape rolls.

Voltage-to-Digits Conversion with Relays, (3 pages)
by T. L. Greenwood .... *p 96*
A resistance series comprises a voltage divider controlled by relays, which operate to vary the ratio between the divider voltage and the unknown. The difference between the known and unknown voltages is applied to a polarized relay, and relays are operated in steps if the unknown voltage is greater. The operated relays control a printer.

Precision Variable Frequency Power Supply, (2 pages)
by E. A. Gilbert .... *p 99*
Ballast tube is used in thermal regulating bridge with feedback circuits to control amplitude of output. An adjustable filter controls frequency from 50 to 2,400 cps. Short time stability of 0.02 percent is satisfactory for calibrating 0.1 percent instruments. Harmonic distortion is 0.5 percent at 100 v-a output and 1 percent at 200 v-a output.

Precise Delay Measurement, (1 page)
by H. T. McAleer .... *p 102*
Input and output voltages of a delay device are observed simultaneously on an oscilloscope. Scope repetition rate is adjusted until the output pulse coincides with the next input pulse. The delay time is equal to the time interval between pulses, which is the period of the oscillator.

JANUARY 20, 1961, ISSUE

Medical Electronics Part I: Diagnostic Measurements, (7 pages)
by W. E. Bushor .... *p 49*
Instruments and techniques used to translate physiological parameters into diagnostically significant form are outlined. Topics include instruments and transducers for analysis of heart, brain, blood, skin resistance, temperature, eye and intestinal conditions. Typical pickups and waveforms are pictured.

Using Voltage-Variable Capacitors in Modulator Design, (4 pages)
by A. C. Todd, R. P. Schuck and H.M. Sachs .... *p 56*
Voltage-variable capacitors are used in cascade phase and single-sideband amplitude modulators. Design equations, circuits and test setups are presented. Phase modulators are linear over a deviation angle of ±25 degrees; ssb modulator has good linearity and acceptable suppression of unwanted frequencies.

Designing Low-Noise Antennas, (4 pages)
by R. Caldecott and W. H. Peake .. *p 60*
Antenna noise has become a design factor with the advent of low-noise receivers using parametric amplifiers and masers. Various sources of noise are considered, including the antenna temperature concept, solar noise and cosmic radiation. Practical examples of low-noise designs are given for tropospheric scatter and satellite communication antennas.

Flying-Spot Integrating Densitometer, (3 pages)
by E. M. Deeley .... *p 64*
Density measurements of areas of photographic films, used in such studies as x-ray diffraction and cytology, are made by a flying-spot scanner. Density is measured by electronic integration and the output is presented on a meter.

Using Varistors to Suppress Relay Sparking, (3 pages)
by R. de Proost and R. Servanckx .. *p 68*
After a theoretical introduction to relay contact spark suppression with varistor-capacitor combinations, three nomograms are presented. Three examples further explain

the use of the nomograms to solve spark suppression problems.

JANUARY 27, 1961, ISSUE

Parametric Amplifier for Space Probe Tracking, (5 pages)
by C. F. Brett .... *p 41*
A special phase-locked, parametric amplifier receiver was designed to track the space probe, Pioneer V. The receiver has low noise and high sensitivity. A field test set and check of performance against a celestial radio source are also described.

Precisely Aligning Doppler Radar Antennas, (3 pages)
by J. F. Lane .... *p 46*
Doppler radar for the B-58 determines velocity within 0.1 percent. Accuracy is obtained by aligning the system's six antennas in a special ground boresighting installation with an anechoic tunnel.

Ring Counter Uses Transistors, (3 pages)
by J. A. Pecar .... *p 49*
Current response curve of the bistable circuit of a transistorized thyratron ring counter resembles that of a thyratron. Each stage has three transistors, four resistors and two diodes. Refined circuit has several advantages, including high-speed operation due to absence of capacitors.

Ultrasonic Equipment in Industry, (4 pages)
by S. Vogel .... *p 52*
Characteristics, performance and transducers of ultrasonic cleaning, welding, soldering and machining equipment are surveyed. A summary of therapeutic uses and health safety precautions is included.

Gray-to-Binary Converter Handles Least Significant Bit First, (3 pages)
by G. D. Beinhocker .... *p 56*
Gray-to-binary code conversion usually involves reversal of the output binary word since conventional converters require most-significant-bit input. The pocedure given permits least-significant-bit input, avoiding word-order reversal.

Fault-Indicating Series Regulator, (1 page)
by J. A. Wheeler and E. J. Currence . . *p 60*
Transistors in regulating circuits of a five-amp power supply have indicator lamps at their emitters. Evenly lit, out, or too-bright lamps indicate normal conditions, an open transistor, or a collector-to-emitter short.

FEBRUARY 3, 1961, ISSUE

Subsurface Communication for Survival, (3 pages)
by R. N. Ghose .... *p 43*
Low-frequency point-to-point or broadcast communication from an underground transmitter provides security against natural and artificial hazards. Author outlines solutions of transmission and equipment design problems.

Medical Electronics Part II: Diagnostic Systems and Visualization, (6 pages)
by W. E. Bushor .... *p 46*
Describes methods and equipment for monitoring, analyzing and interpreting physiological data and for internal viewing. Included are monitors, data processors, diagnostic computers, x-ray, radioisotope scanners, ultrasonography, infrared, tv and endoscopy.

Using Thermistors as Servo Elements, (4 pages)
by I. C. Hutcheon .... *p 52*
Surveys a number of advantageous applications in control and measurement for solid-state servomechanism elements whose function is analagous to mechanical units. Basio circuit is a thermistor potentiometer.

New Sonar Thumper Charts Ocean Subbottom, (2 pages)
by L. H. Dulberger .... *p 56*
Capacitor bank discharge produces movement of underwater plate, generating high-power sound pulse with maximum energy in low-frequency audio range. Sediment and bedrock are measured, using hydrophone pickup and continuous graph recording.

Digital Tone Filter with Infinite Rejection Slope, (1 page)
by A. Corbin .... *p 58*
Bandpass slot filter, used as frequency or tone filter, has buildup time of one cycle regardless of input frequency or selectivity. In extreme, the filter can be adjusted to zero cycle bandwidth and infinite rejection slope.

Graphical Method Predicts Radio Interference, (4 pages)
by J. Vogelman .... *p 60*
Predicting radio interference in an electronically-congested area like Cape Canaveral requires a great deal of data handling and computation. Methods given and illustrated by a simplified example reduce the labor of arriving at a prediction.

FEBRUARY 10, 1961, ISSUE

Automatic Beacon Radar Identifies Aircraft, (5 pages)
by W. L. Woodson .... *p 57*
A new air traffic control beacon ground station, ATCBGS, is being installed by FAA. It automatically interrogates aircraft with transponders, decodes the returned information for the air traffic controller and identifies the aircraft on the controller's radar screen. Operation of the system is described.

What Designers Should Know about Transient Radiation, (4 pages)
by J. W. Clark, T. D. Hanscome and H. L. Wiser .... *p 62*
Transient and cumulative effects of nuclear radiation on electronic circuits and the causes of circuit malfunction are described. The author outlines methods of designing radiation-resistant circuits and simulating nuclear weapons environments for lab testing.

New Klystron Design for Constant Repeller Voltage, (2 pages)
by P. M. Lally and L. Sandstrom ... *p 66*
Reflex klystron tuning range is increased to 10 percent of center frequency without changing repeller voltage. The tube's grid 2 is movable while grid 1 is held constant. Principle can be applied to all frequency ranges for gap-tuned reflex klystrons.

Designing Tunnel Diode Oscillators, (5 pages)
by Wen-Hsiung Ko .... *p 68*
Analysis, designs and equivalent circuits are presented for a variety of tunnel diode oscillators, including frequency stabilized, sinusoidal, square wave, push-pull and cascade oscillators.

Plate Voltage Control of Phantastron Frequency, (2 pages)
by H. C. Whitworth .... *p 73*
Two phantastrons are connected so that they each trigger the other at the end of plate rundown. This forms a free-running pulse generator circuit that will operate at about five pulses per second. Frequency is adjusted by control of the rundown starting voltage. The circuit is used, for example, in a data transmission decoder.

Measuring Dielectric Constant Graphically, (2 pages)
by R. Heimer .... *p 76*
Dielectric constants may be measured accurately with a signal generator, slotted line and standing-wave indicator, rather than a more expensive dielectrometer. Graphs provided enable the dielectric constant of any low loss material to be found at X-band.

FEBRUARY 17, 1961, ISSUE

Self-Adaptive Filter Finds Unknown Signal in Noise, (3 pages)
by C. V. Jakowatz and G. M. White . *p 117*
After several random repetitive signals, the automatic system forms a memory of the signal. As the signal shape slowly changes, the memory is altered accordingly to create an optimum filter. The waveform generator which provides signals at random times is also described.

Designing Tunnel Diode R-F Amplifiers, (4 pages)
by E. D. Long and C. P. Womack .. *p 120*
Shorted quarter-wave filter made in stripline is combined with a tunnel diode amplifier to make a miniature r-f amplifier for an airborne receiver. It has insertion gain up to 25 db with very low noise figure. Fabrication and design methods are detailed.

Combining Remote Radars on a Central Display, (2 pages)
by G. E. Martin .... *p 124*
Discusses the requirements of a system which brings the signals from three radars, via wideband data links, to a central control point. The signals are electronically combined and presented as a single map on a ppi tube, coordinating the interception of aircraft.

Patterns in Thin Films Make Fast Nondestructive Memories, (3 pages)
by J. W. Hart .... *p 126*
Studies of domain behavoir, as photographed by the Kerr magneto-optic method, show that single irreversible domains can be formed within thin magnetic films. This permits the storage of binary information. Concept can be the basis of a nondestructive memory operating at rates exceeding 10 Mc.

Resins for Embedding Electronic Packaging, (3 pages)
by C. A. Harper .... *p 130*
Tables describe resin fillers and their effects on the electrical, physical and environmental resistance characteristics of embedding resins. Effects of environmental extremes on epoxies, polyesters, polysulfides, silicones and foams are also tabulated.

Root-Mean-Square Sensing in Voltage Regulators, (2 pages)
by R. L. Frank .... *p 133*
Direct voltage proportional to rms value of chopped sine or square waves is obtained from self-biased linear rectifier circuit intermediate in action between average and peak rectifiers. Close regulation over wide load or temperature range is obtained.

Transistor Amplifier Slide-Rule Calculator, (2 pages)
by J. Hallis, ... *p 136*
With this calculator, power input and output, transformer ratios and other transistor

amplifier data can be readily determined. The components of the calculator are printed on a single page so the reader can cut them out and assemble his own slide-rule.

FEBRUARY 24, 1961, ISSUE

Semiconductor Strain Gages Offer High Sensitivity, (3 pages)
by R. E. Talmo .... *p 43*
Single crystal silicon strain gages provide sensitivities 10 to 100 times greater than metallic devices. Gage factors for various crystal orientations of silicon are presented and temperature variations detailed. Basic strain-measuring circuits are included.

Phantastron Circuits Using Transistors, (2 pages)
by N. C. Hekimian .... *p 46*
Conventional pentode phantastron action depends on partition of cathode current between plate and screen grid. Since no transistor is equivalent to the pentode, phantastron characteristics are simulated by current transfer between one or another transistor. Performance resembles that of the vacuum tube circuit.

Measuring Thicknesses of Paramagnetic Coatings, (3 pages)
by P. Dick .... *p 48*
Two meter instruments, one for the laboratory and the other portable, make accurate, nondestructive thickness measurements of paramagnetic coatings and platings on nonmagnetic bases. The coating creates imbalance in a field, yielding output voltage proportional to thickness.

Simulator Tests Radar Tracking Systems, (3 pages)
by O. B. Mitchell .... *p 51*
Missile and aircraft radar target simulator uses in-flight recordings of radar signals. When played back through simulator, signals permit precise evaluation of radar range performance of airborne equipment under dynamic target conditions.

Medical Electronics Part III: Therapeutic Devices, (7 pages)
by W. E. Bushor .... *p 54*
A survey of electronic and nucleonic equipment and techniques used for medical therapy and surgery. Topics include treatment or surgery with x-ray, radiation, ultrasonics, diathermy and with heart stimulators and other devices.

Common-Mode Rejection in Wideband D-C Systems, (2 pages)
by J. L. Kimball .... *p 61*
Two wideband d-c amplifiers are used to give a differential amplification channel with common-mode rejection of 130 db. The second amplifier cancels the common-mode voltage. One important use is in data acquisition systems.

MARCH 3, 1961, ISSUE

Designing Thin Magnetic Film Memories for High-Speed Computers, (3 pages)
by E. E. Bittmann, ... *p 39*
Thin film memories are produced uniformly by vacuum deposition in a magnetic field. A typical package of 16 memory planes with printed conductors stores 2,560 bits, equivalent to 320 eight-bit words. A driving circuit is also described.

Direction Finder Helps Recover Discoverer Capsule, (4 pages)
by A. T. Lloyd .... *p 42*
Acting as a long-range target acquisition system, the direction finder locates reentering satellite capsule within a 70-degree sector and from 50,000 feet to sea level. Outputs of two Yagi antennas appear side-by-side in a visual indication of signal source direction.

Logic Combines Tunnel Diodes with Transistors, (2 pages)
by R. W. Lade .... *p 46*
Tunnel diode switching speed and transistor isolation capabilities are combined, yielding logic circuits with switching speeds of 0.7 nanoseconds. AND and OR circuits and typical input and output waveforms are given.

Designing Chopper-Stabilized Operational Amplifiers, (3 pages)
by R. B. Fradella .... *p 48*
Design procedures and practical circuits are given for chopper-stabilized, transistor, operational amplifiers for such applications as airborne controls and mobile analog computers.

Probe Identifies Cable Wiring, (1 page)
by J. S. Rushton .... *p 51*
The desired wire of a multiconductor cable is connected at one end to ground and at another point to an a-c source. The magnetic probe locates the wire by sensing the current in it. Pickup is amplified to energize indicator relay.

Epitaxial Process Improves Transistor Characteristics, (2 pages)
by W. D. Roehr .... *p 52*
Incorporating the epitaxial process in production of mesa transistors improves characteristics. The epitaxial mesa is described and comparative tests of epitaxial and premium-quality conventional mesa transistors are detailed.

Electromechanically-Scanned Trough Waveguide Array, (4 pages)
by W. Rotman and A. Maestri ...... *p 54*
Electrical characteristics of a trough waveguide are altered to yield a 50-degree scan. Motor-driven obstructions are introduced into the waveguide so that propagation of energy is changed from a nonradiating to a radiating mode.

Optically Projecting Data on a Cathode Ray Tube, (2 pages)
by H. H. Naidich .... *p 58*
Maps or grids are obliquely projected on to the face of a radar display cathode ray tube so that they appear to be in the same plane as the phosphor surface. Map slides are predistorted, to compensate for projection distortion, by photographing them on a dummy crt.

MARCH 10, 1961, ISSUE

Solid-State Modulators for Infrared Communications, (5 pages)
by P. W. Kruse and L. D. McGlauchlin .... *p 177*
Gun-like infrared transceivers provide secure, reliable, highly directional voice communications. Principle of free-carrier absorption by semiconductors can be extended to optical space communications and other applications. Infrared absorption of germanium is modulated by the microphone signal, modulating the infrared transmitted. An infrared detector in the receiver modulates the output.

Engineering Highlights of the 1961 IRE Convention, (4 pages)
staff report .... *p 182*
Papers reviewed cover developments in laser radar, antennas, tunnel diode circuits, semiconductor filters, solid-state display devices, depletion-layer ultrasonic transducers, thermoelectric spot cooling, photoelectronic reconnaissance system, gallium-arsenide transistors and microminiature packaging.

Coupling Circuit Extends Magnetic Recorder Response, (2 pages)
by G. N. Johnson, W. R. Johnson and J. T. Mullin .... *p 186*
Unusual coupling circuit between the reproduce head and preamplifier extends the low-frequency response of a video tape recorder. A separate low-frequency amplifier and a recording head divided into low- and high-frequency components handle signals. Modifications to the tape drive mechanism reduce wow and flutter to below 0.1 percent.

Frequency Conversion Technique Improves System, (3 pages)
by W. C. Hollis .... *p 188*
Space vehicle tracking preamplifier incorporates a parametric amplifier to lower the system noise figure below 2 db. Signals of 225 to 260 Mc are raised in frequency to X-band in a varactor up-converter, amplified and down-converted.

Using Time-Compression Techniques in Digital Correlation, (3 pages)
by M. Rosenbloom .... *p 191*
Digital circuits take incoming and reference signals, speed them up and compare them in a correlator. The techniques, chiefly delay line time-compression can be used in many types of signal processing, including sonar, loran, radar, telemetry, spectrum analysis. Signals are compressed for real-time operation with no loss of information.

Ultrahigh Frequency Doubler Circuit Has Broad Bandwidth, (2 pages)
by A. Kiriloff .... *p 194*
Stability and bandwidth of a 650-Mc doubler is improved by using a combination input quarter-wave coaxial cavity and output plate rectangular cavity. This design gives low interference between cavities and utilizes the optimum mode.

Measuring Human Work Performance, (2 pages)
by J. Goldman and D. K. Ross ..... *p 196*
Ultrasonics are used for time and motion studies, fatigue analysis, medical studies and to design work for the physically handicapped. Acoustic energy from a transducer on the body member is transmitted to three microphones placed in mutually-perpendicular axes. Three-dimensional information is obtained for acceleration, displacement and velocity of each motion of the member.

MARCH 17, 1961, ISSUE

Beam Maser for 3 Millimeters Uses Hydrogen Cyanide, (5 pages)
by F. S. Barnes and D. Maley ...... *p 45*
Operating principles, design, fabricator and assembly of a 3-mm, 88-Gc hydrogen cyanide maser are detailed. It is used in studying a 3-mm Fabry-Perot interferometer, which may lead to evaluation of molecular transitions at 0.1 mm, where equipment is unavailable. Possible applications include precision frequency standard, high-frequency power source and low-noise amplifier. The poisonous HCn is chemically generated as needed. A collimator grid forms the beam. The interferometer is also described.

Storing Complete Decimal Digits with One Clock Pulse (4 pages)
by A. A. Jaecklin, ... *p 50*
Computer storage technique is based on time of magnetization of ferrite cores. Four cores store any decimal digit with only one

clock pulse. Magnetization time is proportional to number of turns in the coils for each coil. The coils and circuitry are arranged so the core storing the highest number is automatically switched before the next lowest core can be magnetized, and so on. Switching time of a laboratory model is 0.4 microseconds per unit and five microseconds per digit.

How to Measure Phase at High Frequencies, (3 pages)
by Y. P. Yu .... *p 54*
Two classes of instruments are described, those that measure signals up to 500 Kc by squaring and averaging and those that measure at higher frequencies by nulling and comparing with a precision phase shifter. Emphasis is on the latter, describing several instruments for ranges up to 2 Gc. Phase delay is compared with a continuously variable delay standard.

Wideband Transistor Preamplifier Handles Low-Resistance Transducers, (3 pages)
by S. R. Parris .... *p 57*
Amplifier is designed to handle low-level signals, such as those from magnetic heads and reluctance pickups, which are characterized by an equivalent signal of a few millivolts and an internal impedance (of the generator) of a few hundred d-c ohms. The circuit provides gain constant to within 3 db over a range of 10 cps to 1 Mc.

Modifying a Telemetry System for Balloon-Borne Neutron Detection, (4 pages)
by L. Hillman and R. C. Haymes ... *p 60*
Conventional meteorological radiosonde is modified by addition of two f-m subcarriers. Unique Geiger counter arrangement permits detection of primary neutrons. Neutron counter tube output activates subcarrier oscillators which frequency-modulate the r-f carrier. A-m component is removed from f-m by novel gating circuit in ground receiver.

Two-Stage Sine-Wave Clipper, (1 page)
by W. E. Nemeth .... *p 64*
Clipper circuit using six silicon diodes and two resistors produces good quality sine waves. Output is flat-topped within two percent and ratio of rise time to half-period is 0.5 percent.

Nomogram Determines Probability of Detecting Signals in Noise, (1 page)
by D. E. Bailey and N. C. Randall ... *p 66*
Nomogram is a semiempirical solution to the integral equation relating detection threshold, noise figure and detection probability for receiving systems.

MARCH 24, 1961, ISSUE

Electroluminescent Display and Logic Devices, (5 pages)
by I. Greenberg, ... *p 31*
Photoconductive and electroluminescent techniques are combined in a group of devices that can be used for visual readouts and displays and for complex logic circuit elements. Associated circuitry, details of alphanumeric elements, large tracking boards, translators, code converters and decoders, bistable memories and types of phosphors used are among topics reviewed.

Tunnel Diode Pulse Compressor Preserves Superimposed Signal, (4 pages)
by A. A. Clark and W. H. Ko ...... *p 36*
Simple tunnel diode circuit compresses a video pulse by 6 db while preserving small signal perturbations superimposed on the pulse. Three tunnel diodes in cascade are used to get 12 db compression. Theory and experimental results are covered.

Long-Wire Antenna for Meteor Burst Communications, (3 pages)
by D. K. Reynolds and J. M. Bartlemay .... *p 40*
An unusually simple antenna system is suitable for radio communications in the 30-100 Mc region. Signals are propagated along paths established by reflections from ionized meteor trails in the outer atmosphere. Advantages of the antennas over Yagis generally used are reviewed as is the role of antennas in meteor burst systems.

Pulse Commutator Simulator Uses Magnetic Logic Elements, (3 pages)
by J. Porter .... *p 43*
A PAM/PDM commutator simulator simulates the output of a telemetering commutator, enabling ground station equipment testing without commutator wear. Circuitry is given for a 28-channel, 30-pulse system, but techniques are applicable to other systems and pulse groups. Magnetic shift registers are used as synchronous or ring counters.

Collecting Data from Live Missiles in Flight, (4 pages)
by R. C. Wright .... *p 46*
Telemetering system small enough to go into operational missiles is silent unless abnormal conditions are detected. Data and missile event commands are displayed on an oscilloscope. Free-running multivibrator 32-channel scanner encodes data into single pulse-coded signal for transmission over a single subcarrier channel.

Measuring Semiconductor Junction Capacitance, (1 page)
by G. C. Summers .... *p 50*
Diode or transistor junction capacitance can be measured by Q meter, reactance drop method or modified L-C meter. Methods and advantages and disadvantages of each test are described.

Calculating Transformer Coupling Coefficients, (1 page)
by D. E. MacLaughlin and Herbert F. Spirer .... *p 52*
Q meter or grid dip meter measures resonant frequencies of r-f transformers. These values are applied to nomograph to find the coefficient. Graphs for high and low values of the coefficient are given.

MARCH 31, 1961, ISSUE

Cooling Transistors with Thermoelectric Elements, (3 pages)
by J. R. Fortier and C. S. Thompson . *p 43*
Thermoelectric coolers can be used for local cooling of hot transistors with little additional increase in chassis mass and volume. The coolers remove approximately 2.5 times more heat than stagnant or slow-moving air. Transistors with a normal maximum temperature of 135 C may be used at 150 C and 175-200 C transistors may be used at 200-250 C. Principles and effects on transistors operating above and below normal maximum junction temperatures are discussed.

Designing Amplifiers with Nonlinear Feedback, (4 pages)
by J. C. Looney .... *p 46*
Nonlinear elements in a transistor amplifier provide exponential response and increase dynamic range. Various techniques useful in high-gain amplifiers, such as those used in null detectors and radar receiver video sections, are discussed. Largest to smallest signal voltage ratio handled by an amplifier is 100,000 to 100 million. The amlifier is non-saturating and will tolerate distortion at large signal levels.

Electronic Signalling for Experimental Monorail, (2 pages)
by J. Juitier .... *p 50*
Experimental French monorail train is hung from rubber-tired wheels, preventing conventional signal methods. Photocells, radiation monitors, transistorized oscillators and frequency-selective receivers keep track of train movements and activate cab signals or brakes.

Using Epitaxial Transistors in Switching and R-F Circuits, (2 pages)
by D. Hall .... *p 52*
Silicon epitaxial transistor offers low saturation voltage, linear characteristics at low voltage and reduced switching time in switching circuits. Practical circuits, for commercial and military temperature ranges, of high-speed computer NOR gates and flip-flops and vhf amplifiers are given.

Hybrid H-Guide Feeds Flush-Mounted Antennas, (4 pages)
by G. N. Voronoff .... *p 54*
Two-dimensional array of slot radiators is excited by a hybrid H-guide mode. The antenna is simple, can be flush-mounted, has inherent monopulse characteristics and can be used in the millemeter region. Such an antenna has been operated at X-band.

Moving Target Simulator Tests Tracking Radars, (2 pages)
by K. L. Chapman .... *p 58*
Test set for automatic tracking radars generates many kinds of moving target radar echos. Signal strength is variable, permitting tests of weak echo sensitivity or agc. The echo can be made to move at any speed in any direction. The simulator can also be used as a signal generator to trace signals in the receiver.

APRIL 7, 1961, ISSUE

Determining Electron Density and Distribution in Plasmas, (5 pages)
by H. L. Bunn .... *p 71*
Microwave interferometer systems determine electron density and distribution in low-temperature, magnetically-contained plasmas. After discussion of transmission and measuring factors, signal measuring and amplifying circuits for oscilloscope display are given. The interferometer is being used in thermonuclear studies, but may be used to study missile wakes and microwave components containing ionized gas.

PIN Diodes Control Shorted Stub, (2 pages)
by R. H. Mattson .... *p 76*
Triple stub tuners, used to match any load to a transmission line over a wide range of carrier frequencies, require three variable shorted stubs. Stub length changes when the frequency changes. *Pin* diodes electronically control stub lengths in finite steps with little or no loss. A design for 225 to 400 Mc is given.

Fabricating Thin-Film Resistors, (3 pages)
by I. L. Brandt .... *p 78*
Thin-film resistors must compromise resistance, wattage and accuracy. The concept of ohms-per-square calculation is presented and characteristics of Karma and chrome films are described in table and curves. Derating for high-temperature operation is also discussed. A typical circuit is designed step-by-step.

Designing Avalanche Switching Circuits, (7 pages)
by R. R. Rufer, ... *p 81*
High-power, high-speed switching can be obtained from transistors operated in the avalanche mode. Avalanche operation is

received and a criteria for selecting transistors with this property is developed. The basic avalanche circuits and factors influencing design and application are discussed. Included is a test circuit for determining avalanche characteristics.

Improving Rectifier Circuits, (1 page)
by G. F. Montgomery, ... *p 88*
Conventional half-wave and voltage doubler rectifier circuits are modified by an inductor-input filter. The modifications reduce peak rectifier current and improve load-voltage regulation and smoothing.

Design Charts for Low-Frequency Antenna Efficiency, (2 pages)
by G. J. Monser . . . . *p 90*
Two nomograms help estimate the conversion efficiency between transmitter power and radiated power for low-frequency transmission systems. The nomograms solve for radiation resistance and efficiency of short monopole antennas up to 0.1 wavelength.

APRIL 14, 1961, ISSUE

Microwave Swept Receiver Uses Zero Intermediate Frequency, (5 pages)
by D. W. Casey II, ... *p 59*
Swept-frequency receiver, for solar radiation research at 2 to 4 Gc, exhibits high sensitivity and extreme gain stability with time. The use of zero frency i-f eliminates the image rejection problem, improves the noise figure and permits the use of simple video i-f amplifiers. While the current application is at S-band, techniques are applicable to higher bands, range radar, ICBM detection and systems needing wideband, low-noise, stable receivers.

Complementary Transistors Simplify Modulator Design, (4 pages)
by J. E. Grau and B. F. Humbel . . . . *p 64*
Modulator with complentary *npn* and *pnp* transistors needs only one transformer, low power and no special power supply voltages. It has both carrier and signal suppression at the output, gain greater than 3 db and high linearity. Applications include teletype systems, speech scramblers and ssb transmitters.

Pickup Devices for Very-Low-Frequency Reception, (2 pages)
by G. C. Monser . . . . *p 68*
The Hall effect is used to receive information transmitted at 10 cps to 10 Kc. The Hall device is compared with loop and whip antennas used over the same frequency range.

Evaluating Radio Receiver Susceptibility to Interference, (5 pages)
by B. T. Newman, H. Cahn and R. Keyes . . . . *p 70*
Test equipment and procedures compare the abilities of a-m, f-m and ssb voice communication receivers to function in a crowded or artificially-jammed spectrum. Standards are based on an ideal receiver with easily defined characteristics of selectivity, dynamic amplitude range, depression, impulse suppression and audio response.

A-C Controlled Half-Cycle Magnetic Amplifier, (3 pages)
by E. Van Winkle . . . . *p 75*
Four self-saturating elements, each consisting of a core and a rectifier, are combined with a transistor preamplifier to provide a jet fuel flow indicator system circuit. In servomotor applications, the circuit offers a-c control, low time constant and good output waveform.

Stabilized Delay Circuit Provides High Accuracy, (2 pages)
by C. K. Friend and S. Udalov . . . . *p 78*
Timing error sources are minimized in this solid-state, voltage-controlled timing delay generator. The sawtooth generator function is incorporated in the gate generating circuit. Time delay accuracy is better than 0.7 percent, stability is better than 0.2 percent of full scale over a temperature range of 24 C. Applications include radar range tracking.

APRIL 21, 1961, ISSUE

Optical Ranging System Uses Laser Transmitter (3 pages)
by M. L. Stich, E. J. Woodbury and J. H. Morse . . . . *p 51*
Coherent light beam from ruby maser provides optical radar (Colidar) range of two to three miles from breadboard model. Monochromatic emission enables receivers to discriminate, through filters, between signals and sunlight noise. This allows long-distance ranging in the daytime. The system transmits with an angular beamwidth of one minute of arc.

Prepunched Cards Test Data-Link Modules (4 pages)
by W. Mergner and J. A. Paschall . . . *p 54*
Designed for use by relatively unskilled personnel, this tester performs dynamic go-no-go tests on some 180 removable modules of Air Force date link equipment. Card punches direct switching of test inputs, detecting and evaluating circuits. Proper indicating lamp patterns and meter readings for each module are printed on the cards. Faults can be traced to a particular component. Operation for typical logic modules is detailed.

Designing Low-Current Thermoelectric Coolers (3 pages)
by R. M. Jepson and G. G. Messick . . *p 58*
Advances in thermoelectric materials enable Peltier coolers to operate at low currents and voltages. Procedures for determining device configuration and for calculating device parameters are illustrated by tracing the development of a three-stage cooler for an infrared detector cell.

Measuring Frequency Stability of Pulsed Signals (5 pages)
by R. H. Holman and R. B. Shields . *p 61*
Short-term frequency stability of pulsed r-f systems is measured without synchronization or reference to a signal source. The tester operates on the principle that instability results in pulse-to-pulse phase variation. The phase of a received pulse is compared, via stalos and bipolar detectors, with the remembered phase of a previous pulse.

One-Transistor Single Shot (1 page)
by T. F. Heiting . . . . *p 66*
Components required for a single-shot multivibrator can be reduced by 50 percent with a circuit employing a transistor, inductor, Zener diode and lesser components. Not necessarily cheaper, circuit may be more reliable and simpler to manufacture than conventional types.

Predicting Spurious Transmitter Signals (3 pages)
by J. G. Arnold . . . . *p 68*
Spurious signals that may be produced by an initial r-f transmitter design must be accurately predicted so that interference can be avoided. Determining interference from cascaded amplifiers and multipliers involves not only driving frequency, but harmonics and mixed spectrums as well. Tabular approach greatly reduces the calculations needed for prediction.

APRIL 28, 1961, ISSUE

Computers Today (32 pages)
by F. Leary . . . . *p 63*
Special report surveys the computer industry and associated technologies. Among the topics discussed are applications and capabilities of present-day equipment, design trends, systems development for information processing, retrieval, communications and automatic industrial process control. Research and engineering of new forms of logic, new materials and components, important advances in systems design, heuristic research, self-organizing systems and polymorph or multiple computers are stressed.

Designing Printed-Circuit Spiral Antennas (5 pages)
by J. J. Wolfe and R. Bawer . . . . *p 99*
Dual-arm Archimedean spiral antennas are used as airborne uhf transmitting antennas and for other applications requiring compact design. The article describes such design considerations as effects of spiral and cavity diameters, cavity depth, spiral rate of growth, spiral type, feed structure and antenna performance criteria. A balun feed design is also reviewed.

Simulating War Games with Analog Computer (4 pages)
by V. J. Caggiano . . . . *p 104*
Computer simulates a flight of six airplanes independently maneuvering to attack a target, as defense command responds to simulated radar target information. The operator feeds maneuver controls to the computer, which produces signals representing the attackers' range, elevation and azimuth.

Improving Gain Control of Transistor Amplifiers (3 pages)
by J. S. Brown . . . . *p 108*
Transistor characteristics and temperature sensitivity make agc difficult to use in transistor amplifiers. However, if each amplifier stage is given an agc loop through an electronic attenuator, stability and noise figure are improved. The technique is illustrated in a three-stage i-f amplifier for a double-conversion superheterodyne receiver.

Binary-to-Decimal Display Uses Magnetic Stepping (3 pages)
by R. J. Miller . . . . *p 111*
Any number of binary digits are converted to their scaled decimal equivalent. The binary signal is converted so that in each decade a bit is represented as only one of 10 possible selections. The signal then determines position of a decimal display wheel which is essentially a synchronous motor. Each wheel operates independently.

Tandem-Transistor Circuit Regulates Fluorescent Lamp (2 pages)
by L. L. Blackmer and A. T. Wright . *p 114*
Light output of a hot-cathode fluorescent lamp is kept linear with current by a dimmer circuit which modulates the d-c input at varying rates. This permits continuous, automatic luminance control for photographic printing.

MAY 5, 1961, ISSUE

Solving Design Problems in All-Magnetic Logic (6 pages)
by U. F. Gianola . . . . *p 61*
Surveys theory and developments in all-magnetic shift registers and other logic cir-

cuits, discussing various techniques of obtaining gain, directionality, transfer, switching, readout and other functions. Emphasis is on synchronous sequential using toroidal and multiapertured cores made of rectangular hysteresis loop materials. A resume of thin-film approaches is included.

Digital Voltmeter Employs Voltage-to-Time Converter (3 pages)
by B. Parker and M. McMahan ...... *p 67*
Input voltages are converted to output pulses proportional to input amplitude. Output pulses gate a series of 50 Kc clock pulses whose number is proportional to input voltage. The number of pulses are counted and displayed.

Three-Phase Static Inverters Power Space-Vehicle Equipment (4 pages)
by R. J. Kearns and J. J. Rolfe ...... *p 70*
Solid-state inverter develops three-phase, 400-cycle, 115-volt a-c at 500 watts full load, from an input of 22 to 29 vd-c. The sinewave is obtained from a quasi-square wave developed by pulse-width modulation. Silicon controlled rectifiers are used in the power switching output stage.

Tunnel Diode Curve-Tracer Is Stable in Negative Resistance Region (2 pages)
by J. A. Narud and T. A. Fyfe ...... *p 74*
Bridge configuration and a low-inductance test jig enable the instrument to trace the complete characteristics of tunnel diodes having a large negative-conductance-to-capacitance ratio. Diode instability has in the past prevented curve tracing in the negative resistance region.

Cooling Transistors with Beryllia Heat Sinks (3 pages)
by K. H. McPhee .... *p 76*
Properties of representative heat sink materials are tabulated to show the relative advantages of beryllium oxide. The ceramic is a good electrical insulator, an excellent heat conductor and withstands severe environments. Heat sink design is reviewed.

Digital Control Uses Unijunction Transistors (2 pages)
by F. W. Kear .... *p 79*
Because they are bistable, unijunction transistors can replace many conventional components in switching circuits, reducing package size and maintenance. Applications in readout and control circuits are discussed. Circuits are given for a ring counter, motor pulse generator and pulse shaper.

How Surface Waves Propagate Along a Dielectric Sandwich (1 page)
by H. F. Mathis .... *p 82*
Equivalent transmission line circuits are given for the propagation of surface waves along a dielectric sandwich lying on a ground plane. A sample problem and graphical solution are included.

MAY 12, 1961, ISSUE

Glow-Tube Programmer Controls Neutron Experiments (3 pages)
by E. W. Johanson .... *p 65*
Circuits employing multielement glow tubes and transistors form program switches. The tubes can be cascaded to provide more than 10 functions. Operation of a neutron diffractometer is reviewed and the circuit for the instrument's automatic programer and printout control is given.

Three-Dimensional Core Memory Stores One Million Bits (4 pages)
by C. A. Allen, G. D. Bruce and E. D. Councill .... *p 68*
Storage unit handles 16,384 words, each 72 bits long, by a three-dimensional word selection and read process. Design considerations and readout and drive circuits are given. Merits of selecting a desired word by two-dimensional or three-dimensional techniques are outlined.

Sensitive Microwave Radiometer Detects Small Icebergs (4 pages)
by T. V. Seling and D. K. Nance .... *p 72*
Icebergs and sea water absorb microwave energy at different rates, have different coefficients of reflectivity. By using the concept of apparent temperature to detect the difference, small icebergs that are invisible to radar can be located. The technique has other applications and can be used to make radiographs. An experimental unit operating at 9 Gc could also distinguish between ships and icebergs.

Monostable Pulse Generator Employs Zener-Diode Clamp (2 pages)
by C. M. Stewart .... *p 76*
Two-transistor circuit with low output impedance gives output pulses of known length and amplitude when triggered with positive or negative external pulses. Diode voltage is set according to amplitude desired. Under some conditions of load or supply voltage, the circuit does not require the Zener diode.

Solid-State Parallel-Mode Scanner Reads System Physical Parameters (3 pages)
by S. Thaler .... *p 78*
Diode circuit monitors group of resistive type transducers in parallel, rather than serially. Any abnormal condition is shown on a servo indicator or vtvm. If transistors are substituted for diodes, the location of the active transistor, and hence the location of the abnormal condition, can be indicated.

Transforming Resistance-Capacitance and Resistance-Inductance Networks (4 pages)
by H. J. Blinchikoff .... *p 82*
Charts for canonic one-terminal-pair R-C and R-L networks minimize tedious transformation calculations. The charts cover all possible transformations of three-element networks and give the relevant equations.

MAY 19, 1961, ISSUE

Transmitting Facsimile Messages over Meteor-Burst Paths (5 pages)
by B. F. Gedaminski and W. G. Griffin, Jr. .... *p 85*
Meteor-burst communications system transmits on real time at rates greater than 300,000 bits per second during the brief life of a satisfactory meteor trail. This eliminates need for storage of partially-transmitted messages. The forward scatter system has a range of 1,000 miles and a long-term transmission rate averaging some 2,300 bits per second. It may be used for low-quality tv as well as photographs and text.

Step-by-Step Design Techniques for Multilayer Thin-Film Networks (4 pages)
by W. N. Carroll and F. F. Jenny .... *p 90*
Thin-film passive networks and interconnections can reduce size and weight of assemblies without appreciably increasing costs. The article describes design, materials, deposition techniques and subsequent optimization of six modules (OR NOT, transistor-resistor NOR, astable multivibrator, and a-f, i-f and r-f amplifiers). Topology of the 10-layer multivibrator is given layer-by-layer.

Emitter Peaking Improves Video Amplifier Response (2 pages)
by J. B. Fisher .... *p 94*
Design of common emitter transistor video amplifiers is complicated by frequency dependence of input impedances. Emitter peaking improves response, linearity and stability and minimizes the effects of varying or different transistor internal parameters. Design equations for this type of circuit and a basic circuit are presented.

Voltage-Variable Capacitors Make a Relaxation Oscillator (3 pages)
by J. Lopez, S. J., and J. Brown ...... *p 96*
Resistance-inductance-capacitance, series-resonant circuit using voltage variable capacitors is powered by r-f energy. The circuit has two stable states, switching as the input signal decreases below a critical magnitude. Two circuits are connected to form a square-wave relaxation oscillator with its frequency controllable between 15 cps and 1.5 Kc.

Transformer and Shunt Transistors Regulate D-C Power Supply (3 pages)
by J. T. Keefe .... *p 99*
Shunt circuit produces well-regulated d-c with high efficiency. Since the transistor regulators are in shunt, they are not subject to short circuits or overloads. The load is also protected by a Zener diode sensing circuit which feeds back a corrective signal to a constant voltage, ferroresonant transformer. Operating principle of the transformer is reviewed.

Vibrating Wire Probe Maps Magnetic Flux Fields (2 pages)
by R. J. Radus .... *p 102*
Fluxmeter probe requiring only a few square microinches of sampling area has a sensitivity of 0.004 mv per gauss and an accuracy of about three percent. It uses a single induction loop vibrated at 14 Kc in the magnetic field.

Adjustable Clamp Circuit Shifts A-C Signal Level (1 page)
by H. O. Hoadley .... *p 104*
Resistive load on two diodes, acting as positive and negative clamps, is proportionally adjustable. The circuit can act as a positive clamp, a negative clamp, or can be set anywhere between the two extremes by changing the potentiometer setting.

MAY 26, 1961, ISSUE

Air-Traffic Terminal Controller Computes and Sends Instruction (5 pages)
by R. Meuleman and S. D. Moxley, Jr. *p 47*
The AN/GSN-11 air traffic control system, designed for high-density air terminal areas, can simultaneously control 18 aircraft arrivals and six departures. It computes landing approaches, based on radar surveillance of all aircraft in the area. Voice instructions are automatically selected and transmitted to pilots in order of priority.

Gas-Filled Ultraviolet Detector Warns of Fires and Explosions (4 pages)
by D. H. Howling and R. C. Roxberry *p 52*
Detector tube that exhibits a power gain of 110 db has symmetrical electrodes, allowing operation on d-c or a-c. On a-c, the full gain inherent in gas amplification devices becomes available. Sensitive to ultraviolet, the tube can be used for communications or a variety of alarm applications. A multitube fire alarm circuit is given.

Carrier Phase Reversal Transmits Digital Data Over Telephone Lines (3 pages)
by J. R. Masek .... *p 56*
Telephone line bandwidth and other limitations are overcome by the method of modulating a 1,950 cps carrier signal. ONES are transmitted as a reversal of carrier phase and ZEROS are transmitted by leaving

the carrier unmodulated. Timing information is derived from axis-crossing of the received signal. A special code ensures axis-crossing continuity and also carries sync pulses.

Transistor Amplifier Controls Remote Appliances (1 page)
by C. M. Wiley .... *p 59*
Originally designed for television set control, this ultrasonic signal receiver is now used to control many other kinds of consumer appliances. The seven-stage transistor amplifier contains a double-fulcrum relay which acts as a mechanical discriminator, preventing triggering by stray noises.

Interstage Design for Stagger-Loaded Amplifiers (4 pages)
by L. A. Beattie .... *p 60*
Butterworth stagger-tuned bandpass amplifiers avoid the bandwidth shrinkage which usually results from cascading amplifiers. The article describes a method for designing the interstage networks for Butterworth low-pass amplifiers which satisfy large gain and bandwidth requirements. It also describes a seven-stage cascade.

Evaluating Transmission Methods (2 pages)
by J. H. Vogelman .... *p 64*
Transmission methods, equipment, parameters, applications, and military and commercial advantages and disadvantages of radiating and closed circuit communications systems are tabulated. Data is organized according to the various transmission media used for vlf, l-f, m-f, h-f, vhf, uhf, wire, cable and waveguide systems.

JUNE 2, 1961, ISSUE

Deep-Ocean Velocimeter Aids Sonar System Design (3 pages)
by L. Dulberger .... *p 41*
Transistorized marine research instrument operates at maximum ocean depths. A supersonic pulse is fired through water along a fixed sound path. The received pulse is amplified and fed back to the generator, triggering the next pulse. The speed of sound in water is indicated by the pulse repetition rate. The instrument is battery-powered and connected to the surface by cable.

Staggered-Tuned F-M Discriminator Has Low Distortion, Wide Bandwith (2 pages)
by R. Federman .... *p 44*
This discriminator was designed for applications in which linearity is important and some sensitivity can be sacrificed. Two secondary tank circuits, tuned slightly above and below carrier frequency, cancel all even harmonics. Distortion is below 0.25 percent for a frequency deviation of ± 40 Kc from a center frequency of 12.6 Mc.

Designing NOR Circuits for Maximum Reliability (3 pages)
by K. M. Trampel .... *p 46*
All logical expressions in an entire digital switching system can be derived from a fundamental *pnp* transistor resistor-coupled circuit operating in the saturated voltage mode. The author gives step-by-step methods of designing for various worst-case conditions to ensure maximum reliability.

Transistor Cascode Circuit Improves Automatic Gain Control in Amplifiers (3 pages)
by J. F. Perkins, Jr. .... *p 49*
Tuned l-f transistor amplifiers may shift in center frequency and bandwidth when agc is used. Causes of shift are analyzed and a solution, a cascode stage which isolates changing transistor parameters, is given. Experimental amplifiers were constructed to verify the analysis. A 10-Mc amplifier showed no shift over a 40-db range of agc.

Determining Phase Shift and Gain of Subaudio Differential Amplifiers (4 pages)
by W. C. Acha .... *p 52*
Analog techniques are used to generate differential quadrature voltages at subaudio frequencies. Alternate adjustment of null ratio and phase shift controls nulls an indicator. Measurement accuracy, on missile servo amplifiers, is better than one percent for null ratio and one degree for phase shift.

Transistor Circuit Simulator (1 page)
by A. R. Berding and R. H. Breedlove . *p 56*
Considerable time can be saved in designing transistor class A amplifiers by constructing an equivalent circuit which simulates transistor operation under varying conditions. The simulator determines approximate bias point limits, a-c gain and input impedance.

Letter Code Designations for Microwave Bands (1 page)
by L. V. McNamara .... *p 58*
The microwave band and sub-band letter designations are tabulated in order, along with their frequency and wavelength ranges. The letter codes given are those which originated as military project security codes. These are generally accepted in the industry, but are not necessarily official.

JUNE 9, 1961, ISSUE

Electronics in Europe (32 pages)
by W. W. MacDonald .... *p 65*
Special report describes business and technical trends in the European electronics industry. Research and development activities in the agencies and leading firms of England, France, West Germany, Holland, Italy, Sweden and Switzerland are reviewed. New developments in instruments, communications equipment, radar, television, components, semiconductor devices and other fields are summarized. Business topics include the effects of the European electronics boom on exports, joint ventures and marketing methods, manpower problems, technical education and salary scales.

Modifying Vidicon Camera Chain for Slow-Scan Television Systems (3 pages)
by F. F. Martin and C. T. Shelton .. *p 101*
Slow-scan techniques permit relatively low-power, narrow-band tv transmitters. With further bandwidth reduction, telephone lines may be used. System analysis solves engineering problems, chiefly dark current increase and image erasure. An experimental four-second scan system showed a resolution of 250 lines.

Semiconductors Improve Reliability of Steel-Mill Control Equipment (4 pages)
by T. E. DeViney .... *p 104*
Environment-sensitive electromechanical motor controls on a steel strip welding and coiling line are replaced with circuits employing silicon controlled rectifiers, transistors and magnetic amplifiers. As opposing banks of photocells sense the depth of a loop in the steel, the speed of d-c driving motors is regulated by changing their field current.

Neon Diode-Resistor Matrix Controls Electronic Typewriter (2 pages)
by M. Ruderfer .... *p 108*
Control matrix in keyboard feeds thyratron clutch control. The clutch stops a rotating type wheel at the designated letter. Wheels with different type faces are interchangeable. Semiconductor devices may be used instead of a thyratron.

Servo Filter and Gain Control Improve Automatic Direction Finder (4 pages)
by P. V. Sparks .... *p 110*
T-12 airborne adf uses a fixed double-loop antenna, a sense antenna and resolver, rather than conventional rotating loop. Received signals are combined in a position servo system to indicate transmitter bearing. The synchronous servo filter separates the servomotor drive voltage from voice frequencies. Agc provides uniform receiver response over a wide input range without clipping the signal at high modulation levels.

One-Shot Gating Circuit Generates Sinewaves for Testing Counters (3 pages)
by V. Kenn .... *p 114*
An accurately-known number of high-frequency sinewaves, for testing high-frequency counters, are produced either one-time or repetitively by one-shot logic and gate control of the passage of bursts from a frequency generator. The logic circuit, actuated by a one-shot pushbutton, ensures accuracy of pulse generator output. Number of waves is controlled by pulse width adjustment.

Comparing Resistances with Oscillator and Oscilloscope (1 page)
by A. Kislovsky .... *p 118*
Known and unknown resistances and resistance-capacitance combinations are compared by observing their damping effect on a shock-excited oscillator. Measuring range is 100 ohms to 100 kilohms with accuracy of five percent.

JUNE 16, 1961, ISSUE

Electrodynamic Loudspeaker Has Totally-Active Surface (3 pages)
by S. R. Rich .... *p 49*
Radiating surface areas of this loudspeaker are true pistons. The bass piston is non-resonant and pneumatically-coupled to a small driver; the treble piston has a distributed current-carrying winding in a magnetic flux sheet perpendicular to the wire direction and diaphragm motion. High-fidelity frequency and transient response are reported.

Heart-Sound Discriminator Simplifies Medical Diagnosis (4 pages)
by R. Weiss .... *p 52*
Complete heart cycle is recorded with a time reference. The recording is played through an analyzer with a gate self-synchronized to select only the sound of interest. The voltage pulse which occurs in the heart muscle at the start of a cycle is picked up, amplified and used as a trigger pulse. The system can be used for physician training as well as patient examination.

Microwave Isolator Combines Hall Effect and Tunnel Diodes (2 pages)
by C. H. Hubbard, L. A. LoSasso and E. Rousso .... *p 56*
Hall plate isolator gives a useful gain-bandwidth product of 200 to 300 Mc with available tunnel diodes. A three-terminal plate, made of zinc-doped InSb and having an impedance of 25 ohms, eliminates the necessity for impedance transformers and other limiting components. Circuit parameters are adjusted by varying plate temperature with a thermoelectric cooler.

Video Distribution Amplifier Eliminates Interstage Transformers (4 pages)
by H. H. Naidich .... *p 58*
Automatic-gain-controlled video distribution amplifier for facsimile handles high-level inputs and outputs over a bandwidth of 1.5 cps to 12 Mc. Distortion in the push-pull amplifier is cancelled by control and

differential amplifiers. Keyed clamping and positive and negative feedback are used in the agc loop. The circuit can be used for television with minor modification.

Multiaperture-Core Counters Give Nondestructive Readout (3 pages)
by W. R. Johnston .... *p 62*
Single-stage binary counters with blocking oscillator action are connected in series, one counter driving the next. Nondestructive readout allows the counter to function as a register. Slight modification converts the binary counter code to decimal for display. In a typical application, missile guidance commands are delivered at appointed times. Ordinary cores can be used for destructive readout.

Crystal Biasing Improves Millimeter-Wave Detector (1 page)
by K. Ishii and A. L. Brault .... *p 65*
Biasing a crystal diode detector economically improves millimeter-wave detector gain. In a 73-Gc receiver, biasing improved gain 20 db, decreased the noise figure and raised sensitivity. This is a revival of a technique used before electron tubes were invented.

D-C Voltage Comparator Circuit Uses Tube and Transistor (1 page)
by R. D. Valentine .... *p 66*
Levels of sawtooth inputs with durations up to several minutes are compared with a d-c reference voltage. An output pulse is generated when the two inputs coincide. A junction transistor is the switch in a regenerative circuit which combines desirable features of both blocking oscillator and multiar circuits.

JUNE 23, 1961, ISSUE

Medical Electronics Part IV: Prosthetic Devices for the Senses (7 pages)
by W. E. Bushor .... *p 43*
Electronic aids for the hard of hearing, deaf and blind are reviewed, along with basic body processes for hearing and seeing. Topics include bone conduction, air conduction and tactile hearing aids; artificial ears and mastoids; sonic, ultrasonic, uhf, i-f, visible light and ultraviolet light guidance aids for the blind; reading machines and artificial eyes.

Satellite Sounder and Telemeter Charts Ionosphere Electron Density (4 pages)
by S. Horowitz and L. Humphrey p 50
Satellite-based radar indicates the electron density profile above the F-layer. For each transmitted pulse, two are received (ordinary and extraordinary). The instrumentation discriminates between these two and traces them on a virtual-height-versus-frequency plot. Data is recorded and transmitted to ground on command.

Controlled Rectifier Produces Quarter-Megawatt Pulse Power (2 pages)
by H. G. Heard .... *p 54*
Size and weight are reduced in line-type modulators when solid-state components are used. Efficiencies are 92 to 95 percent. Circuits are given for a 250-Kw, 360-pps pulse modulator and its trigger generator. Silicon controlled rectifiers are used as switches.

Random Pulse Generator Tests Circuits, Encrypts Messages (4 pages)
by B. K. Eriksen and J. D. Schmidt . . *p 56*
Shift-register pulse generator uses high-speed logic to produce complicated pulse sequences up to four billion bits long. The modulo-2 addition technique is improved to circumvent complexity and decrease components. These generators are suitable for data transmission system error rate tests and scrambling high-security communications.

Portable Propellor Flowmeter Determines Water Velocity (2 pages)
by L. Molyneaux and J. M. Edington . *p 59*
Designed for biological research, this flowmeter measures water velocities from one inch to six feet per second. The water driven propellor modulates a 15-Kc signal, which is demodulated, rectified and integrated to drive a velocity indicator. A detector circuit compensates for changes in water conductivity.

JUNE 30, 1961, ISSUE

Radar-Computer Output Display Point-Plots Alphanumeric Characters (5 pages)
by K. E. Perry and E. J. Aho ...... *p 75*
Calliscope (calligraphic oscilloscope) displays computer outputs as labeled points and written notations. The display rate for points and symbols is 13,500 per second. There are 64 electronically generated characters, formed by electron beam spot deflection. A Fourier synthesis technique generates X and Y voltage waveforms needed to form the characters.

Designing Solid-State Inverters to Replace Sine Wave Sources (4 pages)
by D. Levy .... *p 80*
Solid-state inverters can operate equipments requiring sinusoidal a-c, if the square wave output is modified to have the same rms and average values as the pure sine wave. A simple saturable reactor is placed in series with the load, or a magnetic amplifier is used. Design of a typical 400 cps supply is traced. Data on core materials is also given.

Four-Layer Diode Triggers High-Voltage Pulse Generator (2 pages)
by N. C. Hekimian and P. M. Schmitz p 84
Simple generator for electrographic recording uses a four-layer diode to discharge a capacitor through a pulse transformer primary. Ouptut is 1 Kv at 10,000 pps. A transistor lockout circuit prevents the diode from remaining conductive. The circuit is useful for high-voltage, low-current supplies with minimum peak-to-average power requirements.

Microwave Transmission Line Measurements with a Sampling Oscilloscope (3 pages)
by H. Halverson .... *p 86*
When a pulse is launched down a transmission line, a portion is reflected from discontinuities. A sampling oscilloscope may be used to interpret the reflection and determine transmission line characteristic impedance, discontinuity, relative attenuation between cables and velocity of propagation.

Outside-Coil Magnetic Head Improves High-Frequency Recording (3 pages)
by M. Camras and R. Sears .... *p 89*
Magnetic tape recording head has its coil outside, permitting the air gap to be reduced to microinches. The new design is suited to low-speed, megacycle recording with high tape packing densities. Development, performance figures and core materials are discussed.

Designing Shunt Voltage Regulators (1 page)
by M. Beebe .... *p 98*
Equations given enable voltage regulators of the Zener diode reference or shunt transistor type to be designed for minimum circuit power dissipation if input and output voltage ranges and load current requirements are known. Optimum input voltage and series current limiting resistor are determined under worst case conditions.

Graphical Design Procedures for Maximally-Flat Microwave Filters (3 pages)
by M. Chomet .... *p 94*
When microwave filters require a bandwidth of 10 percent or less, simplifications in the design equations permit graphical solutions. Charts tell how many resonators are needed to meet desired filter characteristics.

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BUYERS' GUIDE 1961-62

Product Listings

PRODUCTS, MATERIALS, SERVICES

Approximately 3,000 products, materials, and services include the newest product developments. Each product listed in this issue has been verified by the manufacturer as a current, available production item. Advertisers' names are in bold-face type with advertising page numbers shown

PRODUCT SUB-CLASSIFICATIONS

In recent years the product sub-classifications have grown at a tremendous rate to reflect the industry's dynamic growth. The industry has cooperated since the BUYERS' GUIDE was first published in 1941 to keep the BUYERS' GUIDE staff informed of new nomenclature and sub-classifications for established products, new products, and the various ways to which they are referred

CROSS-REFERENCES

More than 2,500 cross-references are included in this year's Product Listings to amplify generic terms. Synonyms, regional speech differences to describe the same product, and new terms, account for the number of cross-references required to satisfy the industry's needs for easy location of products

REGISTERED TRADE NAME INDEX

This Index is for the convenience of buyers who know a product by trade name only. 6,000 registered manufacturers' trade names are listed with the names of their manufacturers

This section contains the most complete, accurate, authentic PRODUCT LISTINGS ever assembled by the **electronics** BUYERS' GUIDE staff... updated, expanded, verified by manufacturers to reflect the latest technological advances of the electronics industry. Thanks and credit are due the 4,500 companies which manufacture electronic components, materials, services and equipments for their cooperation in making it the most useful catalog-directory in the industry

PUSH OUT AND FOLD

electronics
BUYERS' GUIDE 1961-62

How To Use This Directory

IT'S QUICK · IT'S EASY · IT'S EFFICIENT

Step One The Product Listings which start on the following page list products alphabetically in an easy-to-use telephone book style (aa, ab, ac, etc.) with the manufacturers of each product directly below. (Cross-references will lead to the product immediately if you have looked for it under a synonym, new name, etc.) If the product is not listed, turn to the Registered Trade Name Index immediately following the Product Listings. This will give you the name of the manufacturer

Step Two Check off the manufacturers' names that are listed in bold-faced type. These are manufacturers who are advertisers. The page numbers of advertisers immediately follow their names. Turn to the advertising pages for specifications, technical data, more information about the products for which you are looking

Step Three To buy a product, or learn still more about it (more technical details, delivery date, price, etc.) turn to the Index of Manufacturers. There you will find (1) all manufacturers alphabetically listed in telephone book style (2) local sales offices and/or local manufacturers' representatives with addresses and phone numbers

New Features in the Manufacturers' Index for 1961-62

Company Product Lines For the first time the BUYERS' GUIDE permits you to find *ALL* the products manufactured by one company through a keyed numbering system. Basic products from Abrasives through Yokes (about 450) are keyed after each manufacturer's name in the Manufacturer's Index

Company Statistics Another first in this issue gives you facts about companies in whose products you are interested, to help you evaluate them for your particular needs as a buyer. Facts include: name of key person to contact for buying information (technical data, delivery price, etc.); number of engineers; number of employees; dollar volume rating per annum and a keyed list of all their products

ABRASIVES

1. BELTS, CORDS 2. BONDED WHEELS 3. DIAMOND 4. HONING, LAPPING, SLURRY 5. TUMBLING

See Also WHEELS –DIAMOND

Aluminum Co of America, 5	Alcoa Bldg. Pittsburgh 19	Pa
Associated American Winding Machinery, 2	754 St Ann's Ave. New York 56	NY
Barton Mines Corp., 4-5	North Creek	NY
Bay State Abrasive Products Co., 2-3-4	12 Union St. Westboro	Mass
CARBORUNDUM CO. REFRACTORIES DIV., 1-2-3-4-5, Adv Pgs 104, 105	Perth Amboy	NJ
Carborundum Co., 4-5	Buffalo Ave. Dept. EBG, Niagara Falls	NY
Carpenter Mfg Co. Inc., 2	Highbridge Rd. Detroit 14	NY
Compo Shoe Machinery Corp., 1	Roberts Rd. Waltham 54	Mass
Crelex Mfg Co. Inc., 2	1680 Rollins Rd. Burlingame	Cal
Diamonite Products Mfg. Co., 5	Shreve	Ohio
Engineering Science Div Amer Metal Prods Co., 2-4	2902 S State St. Ann Arbor	Mich
Parker Mfg Co., 2-3	1128 Center Ave. Torrance	Cal
Fish-Schurman Corp., 2-3	70 Portman Rd. New Rochelle	NY
Geoscience Instrument, Inc., 1-2-3-4-5	142 Main Lane, New York 38	NY
Jonard International Corp., 3	624 Madison Ave. New York 22	NY
Meller Co., Adolf, 4	Box 6001-Turnkey, Providence	RI
Mitchell Co., E.C., 1	404 Boston St. Middleton	Mass
Norton Co., 2-3-4-5	1 New Bond St. Worcester 6	Mass
O & M Tool Die & Mfg. Co., 5	3316 Palisade Ave. Union City	NJ
Martindale Electric Co., 2	Edgewater Br. Box 617, Cleveland 7	Ohio
Raybestos-Manhattan Inc., 2-3	61 Willett St. Passaic	NJ
United Mineral & Chemical Corp., 1-2	16 Hudson St. New York 13	NY

ABSORBERS –MICROWAVE

BUDD STANLEY CO. INC., Adv Pg 313	**175 Eileen Way, Syosset**	**NY**
CFI CORP., Adv Pg 294	**Cottage Pl. Mineola**	**NY**
Coax Devices	Box V, Chelsea 50	Mass
Crowley Div. Smith Corp., A. O	1 Central Ave. W Orange	NJ
CUSTOM COMPONENTS INC., Adv Pg 396	**Box 248, Caldwell**	**NJ**
Dielectric Products Engrg. Co. Inc	Raymond	Me
DOUGLAS MICROWAVE CO. INC., Adv Pg 235	**252 E 3rd St. Mt Vernon**	**NY**
Dexter Engineering Co., Inc	Airport Rd, Nashua	NH
ELECTRO IMPULSE LAB. INC., Adv Pg 357	**208 River St. Red Bank**	**NJ**
Emerson & Cuming, Inc	869 Washington St. Canton	Mass
Fire Resistors Inc	242 Ridgedale Ave. Morristown	NJ
Goodrich Sponge Products, B. F.	Shelton	Conn
Gulton Industries, Inc	212 Durham Ave, Metuchen	NJ
Kearfott Div. Gen. Precision Inc. Microwave Prods.	14844 Oxnard St. Van Nuys	Cal
McMillan Industrial Corp	Brownville Ave. Ipswich	Mass
Metavac, Inc	45-68 162 St. Flushing 58	NY
Microwave Semiconductor & Inst. Inc.	118-06 Myrtle Ave. Richmond Hill 18	NY
Norton Co	1 New Bond St. Worcester 6	Mass
RADAR DESIGN CORP Adv Pg 471	**Pickard Dr. Syracuse 11**	**NY**
SIERRA ELECTRONIC CORP., Adv. Pgs. 128, 129	**3885 Bohannon Dr. Menlo Park**	**Cal**
Topper Mfg. Co. Inc	84-56 Parsons Blvd, Jamaica 32	NY

ABSORBERS –SHOCK See MOUNTS –VIBRATION & SHOCK

ACCELERATION TEST MACHINES –See MACHINES –ACCELERATION TEST

ACCELERATORS –PARTICLE

American Instrument Co., Inc	8030 Georgia Ave, Silver Spring	Md
Cosmic Technological Inc	1028 Connecticut Ave. Washington 6	DC
CURTISS-WRIGHT CORP. PRINCETON DIV., Adv Pgs 382, 426, 494	**Princeton**	**NJ**
General Electric Co. X-Ray Dept.	4855 Electric Ave. Milwaukee 1	Wisc
High Voltage Engineering Corp	Burlington	Mass
Mullard Equipment, Ltd	Torrington Pl, London W.C. 1, England	
Philips' Gloeilampenfabrieken, N. V	Eindhoven	Neth
Radiation Dynamics, Inc	1800 Shames Dr, Westbury	NY
Varian Associates	611 Hansen Way, Palo Alto	Cal

ACCELEROMETERS

Airtronics, Inc	5522 Dorsey Ln, Washington 16	DC
B & F Instruments Inc	3644 N Lawrence St. Philadelphia 40	Pa
B & K Instruments Inc of Bruel & Kjaer	3044 W 106th St. Cleveland 11	Ohio
Bourns Inc	6135 Magnolia Ave. Riverside	Cal
Bruel & Kjaer	Lindvalle 23, Naerum, Denmark	
Canadian Aviation Electronics Ltd	Box 2038, Montreal 9	P.Q.
CLEVITE CORP., Adv Pg 142	**3405 Perkins Ave. Cleveland 14**	**Ohio**
Control Data Corp., Cedar Engr. Div.	5901 Park Ave, Minneapolis 15	Minn
Cougar Development Corp	2626 S. Peck Rd, Monrovia	Cal
Daystrom Inc. Military Elec. Div	Archbald	Pa
Donner Scientific Co	888 Galindo St. Concord	Cal
Dresser Electronics SIE Div.	10201 Westheimer Rd. Houston 42	Tex
Electro-Ceramics, Inc	2645 S 2nd W, Salt Lake City 15	Utah
ENDEVCO CORP., Adv Pg 465	**161 E California Blvd. Pasadena**	**Cal**
Fairchild Controls Corp	225 Park Ave. Hicksville	NY
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
General Radio Co	West Concord	Mass
Genisco, Inc	2233 Federal Ave, Los Angeles 64	Cal
Geotechnical Corp	3401 Shiloh Rd. Garland	Tex
Giannini Controls Corp	1600 S. Mountain Ave, Duarte	Cal
Gulton Industries, Inc	212 Durham Ave, Metuchen	NJ
Hickok Electrical Instrument Co	10532 Dupont Ave. Cleveland 8	Ohio
Humphrey, Inc	2805 Canon St, San Diego 6	Cal
Inertia Switch Inc	311 W 43rd St. New York 36	NY
Kistler Instrument Corp	15 Webster St, North Tonawanda	NY
Leach Corp	18435 Susana Rd. Compton	Cal
MASSA DIV. COHU ELECTRONICS, INC Adv Pgs 442, 443	**280 Lincoln St. Hingham**	**Mass**
Minn-Honeywell, Military Prods Gr	2600 Ridgway Rd. Minneapolis 13	Minn
Pacific Scientific Co	P.O. Box 22019, Los Angeles 22	Cal
PRECISION PRODUCTS DEPT NORTRONICS DIV. NORTHROP CORP., Adv Pg 240	**100 Morse St. Norwood**	**Mass**
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., Adv Pg 37	**411 Providence Tnpk. Westwood**	**Mass**
Raytheon Co. Ind Components Div.	55 Chapel St. Newton 58	Mass
Reeves Instrument Corp	Roosevelt Field, Garden City	NY
SANDERS ASSOCIATES INC., Adv Pg 380	**95 Canal St. Nashua**	**NH**
Southern Instruments Ltd	Frimley Rd. Camberley, Surrey	Eng
Sperry Gyroscope Co. Div. Sperry Rand Corp	Great Neck	NY
Statham Instruments, Inc	12401 W. Olympic Blvd, Los Angeles 64	Cal

Teng Industries Inc	400 Main St. Waltham 54	Mass
TECHNOLOGY INSTRUMENT CORP., Adv Pgs 83, 86	**533 Main St. Acton**	**Mass**
Topp Industries, Inc	5221 W. 102 St, Los Angeles 45	Cal
Transonic Inc	808 16th St. Bakersfield	Cal
United Aerotronics Corp	Box 239, Burlington	NJ

A-C CONVERTERS See CONVERTERS –POWER

A-C GENERATORS See GENERATORS –POWER

A-C MOTOR SPEED CONTROLS See CONTROLS –MOTOR SPEED

ACCUMULATORS –COMPUTER

Computer Control Co. Inc	983 Concord St. Framingham	Mass
Control Equipment Corp	19 Kearney Rd, Needham Heights 94	Mass
Digital Equipment Corp	Maynard	Mass
Donner Scientific Co	888 Galindo St. Concord	Cal
Instrument Corp of Florida	Box 1226, Melbourne	Fla
Tenlo Research Corp	9424 Lyndale Ave S., Minneapolis 20	Minn

ACIDS See CHEMICALS

ACOUSTIC-LEVEL METERS See METERS –SOUND-LEVEL

ACOUSTIC NOISE GENERATORS See GENERATORS –NOISE

ACOUSTIC TEST CHAMBERS See CHAMBERS –ENVIRONMENTAL TEST

A-C TO D-C INSTRUMENT CONVERTERS See CONVERTERS – A-C TO D-C –INSTRUMENT

ACTUATORS –SERVO

1. LINEAR 2. ROTARY

Actuator Products, Div of Geartronics Corp., 1-2	34 Nashua St. Woburn	Mass
Advance Instrument Corp., 1-2	F St. Delmar	NJ
Airborne Accessories Corp., 1-2	1414 Chestnut Ave, Hillside	NJ
American Electronics Inc. Electro-Mechanical Div. 2	1596 E Ross Ave. Fullerton	Cal
American Measurement & Control Inc., 1-2	240 Calvary St. Waltham 54	Mass
Atchley Div., Raymond, 1	2339 Cotner Ave. Los Angeles 64	Cal
Avien, Inc., 1-2	58-15 Northern Blvd. Woodside 77	NY
Barber Colman Co., 1-2	1300 Rock St, Rockford	Ill
Bellab Corp., 1-2	Municipal Airport, Daytona Beach	Fla
BENDIX CORP. MONTROSE DIV., 1-2, Adv Pg 372	**South Montrose**	**Pa**
Bourghaft & Fuchs, Inc., 1-2	Hatboro Ind Park, Hatboro	Pa
BOWMAR INSTRUMENT CORP., 1, Adv Pg 36	**8000 Bluffton Rd. Ft Wayne**	**Ind**
Cadillac Gage Co., 1-2	P.O. Box 3806, Detroit	Mich
CANNON ELECTRIC CO., 1-2, Adv Pg 287	**3208 Humboldt St. Los Angeles 31**	**Cal**
Carma Mfg Co., 1-2	1879 Mullin Ave. Torrance	Cal
Chance Vought Corp. Vought Electronics Div., 1-2	Box 1500, Arlington	Tex
Clary Corp., 1	408 Junipero St. San Gabriel	Cal
COLLECTRON CORP., 2, Adv Pg 550	**304 E 45th St. New York 17**	**NY**
Compu Dyne Corp., 1	400 S Warminster Rd. Hatboro	Pa
Consolidated Controls Corp., 1-2	6 Durant Ave. Bethel	Conn
Control Technology Co., 1-2	1186 Broadway, New York 1	NY
Dalmo Victor Co., Div., Textron, Inc., 1-2	1515 Industrial Way, Belmont	Cal
Daystrom Inc. Military Elec. Div., 1-2	Archbald	Pa
Electric Autolite Co., 1-2	Champlain St. Toledo 1	Ohio
Electro-Actuators Inc. Div. Omega Prec. Inc., 1-2	757 N Coney Ave. Azusa	Cal
Electro-Seal Corp., 2	946 North Ave. Des Plaines	Ill
Electromation Co., 1-2	4254 Glencoe Ave. Venice	Cal
Evershed & Vignoles Ltd., 1-2	Chiswick, London W 4	Eng
Exact Engineering & Mfg., Inc., 2	Box 447, Oceanside	Cal
Feedback Controls, Inc., 1-2	8 Erie Dr, Natick	Mass
Ford Instrument Co. Div. Sperry Rand Corp., 2	31-10 Thomson Ave. Long Island City 1	NY
GPE Controls, Inc., 1-2	240 E. Ontario St, Chicago 11	Ill
Garrett Corp., The, 1-2	9851 Sepulveda Blvd, Los Angeles 45	Cal
Gilfillan Bros., Inc., 1-2	1815 Venice Blvd, Los Angeles 6	Cal
Globe Industries, Inc., 1-2	1784 Stanley Ave. Dayton 4	Ohio
Gotham Audio Corp., 1-2	2 W 46 St. New York 36	NY
Guidance Controls Corp., 1	110 Duffy Ave. Hicksville	NY
Hagan Chemicals & Controls Inc., 1	Hagan Center, Pittsburgh 30	Pa
Hamilton Standard Div. United Aircraft Corp., 2	Broad Brook	Conn
HAYDON CO., A. W., 2, Adv Pgs 302, 303	**238 N Elm St. Waterbury**	**Conn**
Hanver Electric Co., 1-2	2100 S Stoner Ave. Los Angeles 25	Cal
Huyck Systems Co., 1	360 Wolf Hill Rd. Huntington Sta	NY
Industrial Control Co., 1-2	Central at Pinelawn, Farmingdale	NY
Instrument Systems Corp., 2	129-07 18th Ave. College Point 56	NY
Jack & Heintz Div. Siegler Corp., 1-2	Box 6719, Cleveland 1	Ohio
Jordan Controls, Inc., 1-2	3225 W. Hampton, Milwaukee 9	Wisc
KEARFOTT DIV., GEN PRECISION INC., 1-2, Adv Pg 394	**Little Falls**	**NJ**
Kelay Dept. Norden Div. United Aircraft Corp., 2	Jericho Tpk. Commack	NY
Kidde Electronics Labs. Walter Kidde & Co. Inc., 1-2	477 Brighton Rd. Clifton	NJ
Land-Air, Inc., 2	7444 W. Wilson Ave, Chicago 31	Ill
Lear, Inc., 1-2	3171 S. Bundy Dr, Santa Monica	Cal
Lear-Romec Div. Lear, Inc., 2	Abbe Rd. Elyria	Ohio
Ledex Inc., 1-2	123 Webster St. Dayton 2	Ohio
Link Div. Gen. Precision, Inc., 1	Binghamton	NY
Lundy Mfg Corp., 1-2	Robert Lane, Glen Head	NY
MacLaren & Co. Inc., F. B., 2	15 Stepar Pl. Huntington Station	NY
Magtrol Inc., 2	240 Seneca St. Buffalo 4	NY
Marquardt Corp. Pomona Div., 1-2	2709 N Garey Ave. Pomona	Cal
Mason, Shaver & Rhoades Inc., 2	Box 551, Irwin	Pa
Midwestern Instruments, Inc., 1	Box 7509, Tulsa 18	Okla
Minn-Honeywell, Aero Controls Div., 2	2753 4th Ave. S, Minneapolis 8	Minn
Minn-Honeywell, Military Prods Gr., 1	2600 Ridgway Rd. Minneapolis 13	Minn
MODEL ENG. & MFG. CORP., 1, Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Muirhead & Co., Ltd., 2	Beckenham, Kent, England	
Oilgear Co., 1-2	1560 W Pierce St. Milwaukee	Wis
OVITRON CORP., 1-2, Adv Pg 540	**42-62 James St. Newburgh**	**NY**
Pegasus Labs. Inc., 1	3500 W 11 Mile Rd. Berkley	Mich
Phillips Control Corp., 1	59 W Washington St. Joliet	Ill
Power - Tronic Systems, Inc., 1-2	10-12 Pine Ct. New Rochelle	NY
Precision Mechanisms Corp., 2	577 Newbridge Ave, East Meadow	NY
Radio Dev. & Research Corp., 2	100 Penna. Ave. Paterson 3	NJ
Rucker Co., 1-2	4700 San Pablo Ave. Oakland 8	Cal
Servomechanisms/Inc., 1-2	200 N Aviation Blvd. El Segundo	Cal
Servo-Tek Products Co. Inc., 2	1086 Goffle Rd. Hawthorne	NJ
Servotronics Inc., 1-2	190 Gruner Rd. Buffalo 25	NY
Space Electronics Corp., 1	930 Air Way, Glendale 1	Cal
Spectrol Electronics Corp., 2	1704 S Del Mar, San Gabriel	Cal
Sperry Phoenix Co. Div. Sperry Rand Corp., 1-2	21111 N 19th Ave. Phoenix 27	Ariz
Summers Gyroscope Co., 1-2	2500 Broadway, Santa Monica	Cal
Task Corp., 2	1009 E Vermont, Anaheim	Cal
Taylor Instrument Cos., 1-2	95 Ames St, Rochester	NY
Thompson Ramo Wooldridge Inc. Tapco Group, 1-2	23555 Euclid Ave. Cleveland 17	Ohio
United Control Corp., 2	Overlake Ind Pk. Box 3104, Seattle	Wash
United Sensor & Control Corp., 1-2	Glastonbury	Conn
United Shoe Machinery Corp., 1-2	140 Federal St. Boston	Mass
Universal Match Corp. Armament Div., 1-2	4407 Paul Ave. St Louis 15	Mo
Vactric (Control Equipment) Ltd., 2	Sloane St. London SW 1	Eng
Vard, Div., Royal Industries, 1-2	2981 E. Colorado, Pasadena	Cal
Vickers Inc. Div. Sperry Rand Corp., 1	Box 302, Detroit 32	Mich
Weston Hydraulics Ltd., Borg-Warner, 1-2	7500 Tyrone Ave, Van Nuys	Cal

A-C VOLTMETERS –See VOLTMETERS

ADAPTER PLUGS See PLUGS

ADAPTERS

1. BATTERY 2. COAXIAL 3. FOREIGN POWER 4. TEST 5. TUBE

Air-O-Tronics Engineering Co., 4	Morrisville	NY
ALDEN PRODUCTS CO., 4-5, Adv Pg 359	**112 N Main St. Brockton 64**	**Mass**
ALFORD MFG. CO., 2, Adv Pg 78	**299 Atlantic Ave. Boston**	**Mass**
American Elite, Inc. (Telefunken), 3	48-50 34 St. Long Island City 1	NY
American Speedlight Corp., 3	63-01 Metropolitan, Middle Village 79	NY
Ampco Mfg Co., 1-2-3-4	245 E 2nd St. Plainfield	NJ
Anchor Specialty Mfg. Co., Inc., 4	300 Hollister Rd, Teterboro	NJ
Andrew California Corp., 2	941 E Marylind Ave. Claremont	Cal
Ardwin Microlab Inc., 2	21 Spencer St. Stoneham 80	Mass
ARRA CORP., 2, Adv Pg 498	**27 Bond St. Westbury**	**NY**
Ariel Electronics, Inc., 2	1755 Berkeley St. Santa Monica	Cal
Barker Products Co., 2-3-4-5	3 Component Pk. N Bridgewater	Mass
BARNES DEVELOPMENT CO., 4-5, Adv Pg 414	**213 W Baltimore Pike, Lansdowne**	**Pa**
Belz Industries Inc., 2	89 Union St. Mineola	NY
Bill Jack Scientific Instrument Co., 2	143 Cedros Ave. Solano Beach	Cal
BIRD ELECTRONIC CORP., 2., Adv Pg 239	**30303 Aurora Rd. Cleveland 39**	**Ohio**
Bogart Mfg Corp., 2-5-6	315 Seigel St. Brooklyn 6	NY
CBC Electronics Co. Inc., 2	2601 N Howard St. Philadelphia 33	Pa
C W S Waveguide Corp., 2	301 W. Hoffman Ave, Lindenhurst	NY
Cable Electric Products, 1	236 Dobell St. Providence	RI
Canoga Div., Underwood Corp., 2	15330 Oxnard St, Van Nuys	Cal
Chase Brass & Copper Co., Inc., 5	236 Grand St, Waterbury 20	Conn
Coax Devices, 2	Box V, Chelsea 50	Mass
DeMORNAY-BONARDI CORP., 2, Adv. Pgs. 178, 179	**780 S Arroyo Pkwy. Pasadena**	**Cal**
Diamond Antenna & Microwave Corp., 2	River St, Winchester	Mass
DOUGLAS MICROWAVE CO. INC., 2, Adv Pg 235	**252 E 3rd St. Mt Vernon**	**NY**
EMI/US Ltd., 5	1750 N Vine St. Los Angeles 28	Cal
Eagle Electric Mfg. Co., Inc., 3	23-10 Bridge Plaza S., L.I. City	NY
Electrada Corp., 2	11244 Playa St. Culver City	Cal
Electro-Products, Inc., 2-4	15850 Schaefer Hwy, Detroit 27	Mich
Electronetics, Inc., 2	62 Union St, Peterborough	NH
ELECTROSPACE CORP., Adv Pg 378	**99 E Hawthorne Ave. Valley Stream**	**NY**
Entron, Inc., 2	4902 Lawrence St. Bladensburg	Md
FXR INC., 2-4, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Gemex Corp. Industrial Div., 5	1200 Commerce Ave. Union	NJ
General Microwave Corp., 2	47 Gazza Blvd. Farmingdale	NY
GENERAL RF FITTINGS INC., 2, Adv Pg 561	**702 Beacon St. Boston 15**	**Mass**
General Radio Co., 2	West Concord	Mass
Glenair, Inc., 2	1211 Airway, Glendale	Cal
HALLICRAFTERS CO., 2-4, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
Hickok Electrical Instrument Co., 4-5	10532 Dupont Ave. Cleveland 8	Ohio
INDUSTRIAL ELECTRONIC HARDWARE CORP., 5, Adv Pg 555	**109 Prince St. New York 12**	**NY**
JONES ELECTRONICS CO. INC., M.C., SUB. BENDIX CORP., 2, Adv Pg 331	**185 N Main St. Bristol**	**Conn**
Keystone Electronics Corp., 1	49 Bleecker St. New York 12	NY
KINGS ELECTRONICS CO. INC., 2, Adv Pg 506	**40 Marbledale Rd. Tuckahoe**	**NY**
Kulka Electric Corp., 3	633 S. Fulton Ave, Mt. Vernon	NY
Lab-Tronics, Inc., 2-4	3656 N Lincoln Ave. Chicago 13	Ill
Mandex Mfg Co. Inc., 5	2616 W 48 St. Chicago 32	Ill
Maury & Associates, 2	10373 Mills Ave, Montclair	Cal
Microwave Development Labs. Inc., 2	15 Strathmore Rd. Natick	Mass
Microwave Semiconductor & Inst. Inc., 2	116-06 Myrtle Ave. Richmond Hill 18	NY
Minn-Honeywell, Military Prods Gr., 4	2600 Ridgway Rd. Minneapolis 13	Minn
Narda Microwave Corp., 2	Plainview	NY
Nu-Line Industries Inc., 2	1015 S 6th St. Minneapolis 4	Minn
OMEGA LABORATORIES INC., 2, Adv Pg 226	**Box 309, Rowley**	**Mass**
Ortronix, Inc., 4	Forsythe Rd. Dr. 1217, Orlando	Fla
PRD ELECTRONICS, INC., 2, Adv. Pgs. 113-116	**202 Tillary St. Brooklyn 1**	**NY**
PHELPS DODGE COPPER PRODUCTS CORP., 2, Adv Pg 165	**300 Park Ave. New York 22**	**NY**
Pomona Electronics Co. Inc., 4-5	1500 E 9th St. Pomona	Cal
PORTCHESTER INSTRUMENT CORP., 2, Adv Pg 468	**114 Wilkins Ave. Port Chester**	**NY**
Precision Microwave Corp., 2	Main St. Millis	Mass
Prodelin, Inc., 2	307 Bergen Ave, Kearny	NJ
RF PRODUCTS DIV. AMPHENOL-BORG ELECTRONICS CORP., 2, Adv Pg 204	**33 E Franklin St. Danbury**	**Conn**
RADAR MEASUREMENTS CORP., 2 Adv Pg 516	**190 Duffy Ave, Hicksville**	**NY**
Radio Corp of America, Electron Tube Div., 4	415 S 5th St. Harrison	NJ
Ratelco, 1	820 Minor Ave. N, Seattle	Wash
Sage Laboratories, Inc., 2	3 Huron Dr, Natick	Mass
Sargent & Greenleaf Inc., 1	24 Seneca Ave. Rochester	NY
Schutter Microwave Corp	80 E Montauk Hwy. Lindenhurst	NY
Scientific-Atlanta, Inc., 2	2162 Piedmont Rd N.E., Atlanta 9	Ga
SHAPIRO & EDWARDS, 2, Adv Pg 512	**1130 Mission St. South Pasadena**	**Cal**
Smith, Inc. Herman H., 1-2-4	2305 Nostrand Ave. Brooklyn 10	NY
Sperry Microwave Electronics Co., 2	Box 1828, Clearwater	Fla
Tamar Electronics, Inc., 2	2045 W. Rosecrans Ave, Gardena	Cal
Telcon, 2	P.O. Box 216, Pacific Palisades	Cal
TELERAD DIV. LIONEL CORP., 2-5, Adv Pgs 220, 221	**Rt 69, Flemington**	**NJ**
Tru-Connector Corp., 2	416 Union St. Lynn	Mass
VECTOR ELECTRONIC CO., 4-5, Adv Pg 544	**1100 Flower St. Glendale 1**	**Cal**
Walsco Electronics Mfg. Co., 4-5	400 S Wyman St. Rockford	Ill
Waveguide, Inc., 2	1769 Placentia Ave, Costa Mesa	Cal
Zoron Inc., 4	612 W Monroe St. Chicago 6	Ill

ADAPTERS –FLEXIBLE SHAFT

Actuator Products, Div of Geartronics Corp	34 Nashua St, Woburn	Mass
Glenair, Inc.	1211 Airway, Glendale	Cal

[illegible] Corp ... Box [illegible] Station ... NY
Smith, Inc. Herman H. ... 2326 [illegible] Ave. Brooklyn 10 ... NY
Stewart Corp., F. W. ... 4311-13 N Ravenswood Ave. Chicago 13 ... Ill

ADAPTERS -PANORAMIC

PANORAMIC ELECTRONICS, INC Adv Pg 449 ... 520 S Fulton Ave. Mt Vernon ... NY
Vitro Corp of America ... 261 Madison Ave. New York 16 ... NY
VITRO ELECTRONICS DIV. VITRO CORP Adv Pgs 309, 310 ... 919 Jesup Blair Dr. Silver Spring ... Md

ADAPTERS -PHASE

Dielectric Products Engg. Co. Inc ... Raymond ... Me
Dymanics ... Box 3676, Columbus 14 ... Ohio
HALLICRAFTERS CO., Adv Pg 385 ... 4401 W 5th St. Chicago 24 ... Ill
Radio Dev. & Research Corp ... 180 Penna. Ave. Paterson 3 ... NJ
Sperry Phoenix Co. Div. Sperry Rand Corp ... 21111 N 19th Ave. Phoenix 27 ... Ariz
Theta Instrument Corp ... 520 Victor St. Saddle Brook ... NJ
VARO, INC Adv Pg 118 ... 2201 Walnut St. Garland ... Tex

ADDERS -COMPUTER

Control Equipment Corp ... 19 Kearney Rd, Needham Heights 94 ... Mass
Dresser Electronics SIE Div ... 10201 Westheimer Rd. Houston 42 ... Tex
Electropac, Inc ... 62 [illegible] St, Peterborough ... NH
Industrial Control Co ... Central Ave. at Pinelawn, Farmingdale ... NY
NAVIGATION COMPUTER CORP., Adv Pg 511 ... Valley Forge Ind Park, Norristown ... Pa
Ortronix, Inc ... Forsythe Rd. Dr. 8217, Orlando ... Fla
Tenlo Research Corp ... 9424 Lyndale Ave S., Minneapolis 20 ... Minn

ADHESIVES

1. *CORROSION-PROOF*
2. *EPOXY*
3. *GENERAL-PURPOSE*
4. *SILICONE*
5. *WATERPROOF*

See Also CEMENTS -RADIO

Armbrust Co., 1-2-3-5 ... Box 30, Weymouth 88 ... Mass
American [illegible] Chemical Co., 1-2-3-4-5 ... 170 Broadway, New York 38 ... NY
American-Marietta Co., 2-5 ... 3400 13 Ave, S W., Seattle 4 ... Wash
American Products Mfg. Co., Inc., 1-3-5 ... 8127-33 Oleander St, New Orleans 18 ... La
Aries Laboratories, Inc., 2 ... 225 Greenwich Ave, Stamford ... Conn
Armstrong Cork Co., 2-3-5 ... Lancaster ... Pa
Armstrong Products Co., 2 ... P.O. Box 1-EB, Warsaw ... Ind
Bacon Industries, Inc., 2 ... 192 Pleasant St, Watertown 72 ... Mass
Biggs Co., Inc. Carl H., 1-2-3-4-5 ... Dept. EB, 1547 14 St. Santa Monica ... Cal
Biwax Corp., 2 ... 3445 Howard St, Skokie ... Ill
Carboline Co., 1-2-3-5 ... [illegible] Industrial Ct, St. Louis 17 ... Mo
Central Coil Co., 3 ... 1722 N. Lucitt St, Indianapolis ... Ind
Ceramics Inc. Chemicals, 1-5 ... 173 Ridge St. Newark 4 ... NJ
CETRON ELECTRONICS CORP., 2, Adv Pg 379 ... 715 Hamilton, Geneva ... Ill
Cetron Electronic Corp. Plastics Div., 2 ... 2265 E Foothill Blvd. Pasadena ... Cal
Chemfinishes, Inc., 1-2-3-4-5 ... 87 E 59th St. Brooklyn 3 ... NY
Chemical Labs. Inc., 3 ... 1450 Ferry Ave. Camden 4 ... NJ
Coast Pro-Seal & Mfg. Co., 2-3-5 ... 2235 Beverly Blvd. Los Angeles ... Cal
Compo Shoe Machinery Corp., 1-3-5 ... Roberts Rd. Waltham 54 ... Mass
Connecticut Hard Rubber Co., 4 ... 407 East St, New Haven 9 ... Conn
Cox & Co., Inc., 2 ... 115 E. 23rd St, New York 10 ... NY
Dearborn Chemical Co., 1-3-5 ... 4700 S Central Ave. Chicago 38 ... Ill
Dow Chemical Co., 2 ... Midland ... Mich
Dow Corning Corp., 4 ... Midland ... Mich
du Pont de Nemours & Co., Inc., E.I., 1-3-5 ... Wilmington 98 ... Del
Electric Autolite Co., 1-2-5 ... Champlain St. Toledo 1 ... Ohio
Electrobonds, 3-5 ... P.O. Box 1137, Glendale ... Cal
Emerson & Cuming, Inc., 1-3-4-5 ... 869 Washington St. Canton ... Mass
EPOXY PRODUCTS, DIV JOS WALDMAN & SONS, 2, Adv Pg 337 ... 133 Coit St. Irvington ... NJ
Ferro Inc., 2 ... Pleasant St. Ashland ... Mass
Fiberlock Co., 2-5 ... 3608 Filbert St, Philadelphia 1 ... Pa
Franklin Fibre-Lamitex Corp., 2-3-5 ... Box 1768, Wilmington ... Del
Fuller Co., H.B., 1-2-3-5 ... 255 Eagle St, St. Paul 2 ... Minn
Furane Plastics, Inc., 2 ... 4516 Brazil St. Los Angeles 39 ... Cal
G-C Electronics Co., 1-2-3-4-5 ... 400 S Wyman St. Rockford ... Ill
General Electric Co., Silicone Prods. Dept., 4-5 ... Dept. EBG, Waterford ... NY
General Research Inc., 2-3 ... 572 S Division Ave. Grand Rapids 3 ... Mich
Goodrich Aviation Products, B.F., Div of B.F. Goodrich Co., 3 ... Akron ... Ohio
Goodrich Industrial Prods. Co., B. F., 1-2-5 ... 500 S Main St. Akron 18 ... Ohio
Goodyear Tire & Rubber Co., Chemical Div., 3 ... 1144 E. Market St, Akron 16 ... Ohio
Hastings Plastics, Inc., 2 ... 1704 Colorado Ave. Santa Monica ... Cal
Haveg Industries Inc., 1-2-3-4-5 ... 900 Greenbank Rd. Wilmington 8 ... Del
Hysol Corp., 2 ... 322 Houghton Ave, Olean ... NY
Industrial Plastics Fabricators, Inc., 1 ... Endicott St. Norwood ... Mass
Irv-X Products Corp., 1-2-3-4-5 ... 115 Woodworth Ave. Yonkers ... NY
Insulation Manufacturers Corp., 2-4 ... 565 W. Washington Blvd, Chicago 6 ... Ill
Kitchen Resins Co., 1-2-3-4-5 ... 221 Oak St, Providence 9 ... RI
Koppers Co., Inc., 5 ... Koppers Bldg. Pittsburgh 19 ... Pa
L M.B., 2 ... 2528 W 9th St. Los Angeles 6 ... Cal
Magic Chemical Co., 1-2-3-4-5 ... 121 Crescent St. Brockton ... Mass
Mineral Ceramics Co., 2 ... 140 Little St, Belleville ... NJ
Markline Corp., 1-2-3-5 ... 37-31 30th St. Long Island City 1 ... NY
Metachem Resins Corp. Mereco Prod Div., 2-3 ... 530 Wellington Ave. Cranston 10 ... RI
MILLER-STEPHENSON CHEMICAL CO. INC., 2-5, Adv Pg 450 ... 39 Day St. South Norwalk ... Conn
Minnesota Mining & Mfg Co. Electrical Tapes, 2-3-5 ... 900 Bush Ave. St Paul 6 ... Minn
Minor Rubber Co. Inc., 4 ... 40 Ackerman St. Bloomfield ... NJ
Morningstar-Paisley, Inc., 3 ... 630 W. 51st St., New York 19 ... NY
Moyer Co., C.P., 1-2-3-4-5 ... 8157 Monticello Ave, Skokie ... Ill
Mystik Adhesive Products, Inc., 2-3-4-5 ... 2635 N. Kildare, Chicago ... Ill
Narmco Materials Div., Sub., Telecomputing Corp., 2-3-4-5 ... 600 Victoria St, Costa Mesa ... Cal
National Engineering Products, Inc., 2 ... 435 Washington Bldg, Washington 5 ... DC
Nemo Labs, Inc., 2 ... 8 Lawrence St. Belleville 7 ... NJ
Pelmor Laboratories, Inc., 3 ... 401 Lafayette St. Newton ... Pa
Permacel, 2-3-5 ... U. S. Hwy 1, New Brunswick ... NJ
Philadelphia Quartz Co., 3 ... 1115K Public Ledger Bldg, Phila 6 ... Pa
Pierce & Stevens Chemical Corp., 3-5 ... 710 Ohio St. Buffalo 3 ... NY
Plastics Div. Allied Chem Corp., 1-5 ... 40 Rector St, New York 6 ... NY
Polymer Industries Inc., 2-3-5 ... Springdale ... Conn
Pro-Chem, Inc., 2 ... 1571 [illegible] Ave. Cleveland 13 ... Ohio
Products Research Co., 2 ... 2919 Empire Ave. Burbank ... Cal
Radiation Applications, Inc., 2-4 ... 36-40 37th St. Long Island City 1 ... NY
Raybestos-Manhattan, Inc., 1-2-5 ... 61 Willett St. Passaic ... NJ
Reichhold Chemicals, Inc., 2-3-5 ... 525 N. Broadway, White Plains ... NY
Rubber & Asbestos Corp., 1-2-3-5 ... 225 Belleville Ave, Bloomfield ... NJ
Saureisen Cements Co., 1-2-3-5 ... Saureisen Bldg. Pittsburgh 15 ... Pa
Schofield Co., G.T., 2-3-5 ... P.O. Box 170, Northfield ... Minn
Shannon Luminous Materials Co., 2 ... 7356 Santa Monica Blvd. Hollywood 46 ... Cal
Shell Chemical Co., 2 ... 50 W 50th St. New York 20 ... NY
Sierra Engineering Co., 4 ... 123 E Montecito Ave. Sierra Madre ... Cal
SPECTRA-STRIP WIRE & CABLE CORP., 5, Adv Pg 506 ... Box 415, Garden Grove ... Cal
Sterling Varnish Co., 2 ... Haysville Borough, Sewickley ... Pa
Telecomputing Corp., 2-3 ... 915 N Citrus Ave. Hollywood ... Cal
Topper Mfg Co. Inc., 1-2-5 ... 84-56 Parsons Blvd. Jamaica 32 ... NY
Trancoa Chemical Corp., 1-5 ... 312-316 Ash St. Reading ... Mass
U B S Chemical Co., Div., A E. Staley, 3-5 ... 491 Main St, Cambridge ... Mass
United Shoe Machinery Corp., 3-5 ... 140 Federal St. Boston ... Mass
Vorac Co., 2 ... 147 Meadow Rd. Rutherford ... NJ
Walsco Electronics Mfg. Co., 1-2-3-4-5 ... 400 S Wyman St. Rockford ... Ill

ADHESIVE TAPE *See* TAPES -*GENERAL PURPOSE*
ADMITTANCE BRIDGES *See* BRIDGES
ADP CRYSTALS *See* CRYSTAL BLANKS: CRYSTALS -*PIEZOELECTRIC*
A-F AMPLIFIER ANALYZERS *See* ANALYZERS -*A-F AMPLIFIER*
A-F AMPLIFIERS *See* AMPLIFIERS - A-F
A-F ATTENUATORS *See* ATTENUATORS
A-F CABLES *See* CABLES -*SHIELDED*: CABLES -*UNSHIELDED*
A-F CALIBRATORS *See* CALIBRATORS -*FREQUENCY*
A-F EQUALIZERS *See* FILTERS -*EQUALIZER*
A-F INDUCTANCE BRIDGES *See* BRIDGES
A-F OSCILLATORS *See* OSCILLATORS - A-F
A-F POWER MONITORS *See* MONITORS -*POWER*
A-F SIGNAL GENERATORS *See* GENERATORS -*SIGNAL*
A-F TRANSFORMERS *See* TRANSFORMERS -*IRON-CORE*
AGING RACKS *See* RACKS-AGING
AIRBORNE PRESSURIZATION UNITS *See* PRESSURIZATION UNITS
AIR CLEANERS *See* CLEANERS-AIR
AIR CLEANING FILTERS *See* FILTERS
AIR-CORE TRANSFORMERS *See* TRANSFORMERS -*AIR-CORE*

AIRCRAFT EQUIPMENT - *ELECTRONIC*

1. *ALTIMETERS*
2. *AUTOPILOTS*
3. *COLLISION WARNING SYSTEMS*
4. *FLIGHT PANEL INSTRUMENTS*
5. *GYROCOMPASSES*

See Also ANTENNAS: COMMUNICATION SYSTEMS: RADAR: RECEIVERS: RECORDERS: -*AIRCRAFT, CRASH-PROOF*: TRANSCEIVERS: TRANSMITTERS

A. O. I. P., 5 ... 23 Pl. Jeanne d'Arc, Paris 13 ... Fr
Aero Mechanism Inc., 1-4 ... 13866 Saticoy St., Van Nuys ... Cal
ALDEN ELECTRONIC & IMPULSE RECORDING EQUIP. CO., 1, Adv Pg 358 ... P.O. Box 125, Westboro ... Mass
Allen Business Machine, Inc., R. C., Aircraft Inst. Div., 4 ... 333 Commerce SW, Grand Rapids ... Mich
American Machine & Foundry Co., 4 ... 1025 N Royal St. Alexandria ... Va
Avien, Inc., 4 ... 58-15 Northern Blvd. Woodside 77 ... NY
Bell Aerospace Corp., 2-5 ... Box 1, Buffalo 5 ... NY
Bendix Corporation, Friez Instrument Div., 4 ... 1400 Taylor Ave. Baltimore 4 ... Md
BENDIX CORP. MONTROSE DIV., 4, Adv Pg 372 ... South Montrose ... Pa
BORG EQUIPMENT DIV. AMPHENOL-BORG ELECTRONICS CORP., 4, Adv Pg 164 ... 120 S Main, Janesville ... Wis
Briggs Div. Prevel Dynamics Corp., 3 ... 10 De Kalb St. Norristown ... Pa
Bruno-New York Industries Corp., 4 ... 460 W 34th St. New York 1 ... NY
Bulova Electronics Inc., 4 ... 43-22 Queens St. Long Island City ... NY
Chance Vought Corp. Vought Electronics Div., 2-5 ... Box 1500, Arlington ... Tex
Collins Radio Co., 2 ... 5200 C Ave. NE, Cedar Rapids ... Iowa
Consolidated Airborne Systems, 4 ... 900 3rd Ave. New Hyde Park ... NY
Cook Electric Co., 1 ... 2700 Southport Ave. Chicago 14 ... Ill
Courter Products Div. Model Eng. & Mfg. Inc., 4 ... Boyne City ... Mich
CUBIC CORP., 3, Adv Pgs 329, 330 ... 5575 Kearny Villa Rd. San Diego 11 ... Cal
Cutler-Hammer Inc., 4 ... 411 N 12th St. Milwaukee 1 ... Wis
Dare, Inc., 4 ... Box 312, Troy ... Ohio
Daystrom Inc. Weston Instruments Div., 4 ... 614 Frelinghuysen Ave. Newark 12 ... NJ
Decker Corp., 1-2-3-4-5 ... 45 [illegible] Rd. Bala Cynwyd ... Pa
ECLIPSE PIONEER DIV. BENDIX CORP., 2-4-5, Adv Pgs 354, 355 ... Teterboro ... NJ
Etcon Lab. Inc., 3 ... 238 Main St. Cambridge 42 ... Mass
Electro Radiation Inc., 4 ... 11916 W Pico Blvd. Los Angeles 64 ... Cal
Electronic Assistance Corp., 1 ... 20 Bridge Ave. Red Bank ... NJ
Electronic Controls Inc., 2 ... 65 Southfield Ave. Stamford ... Conn
ELECTROSPACE CORP., 1-4, Adv Pg 378 ... 99 E Hawthorne Ave. Valley Stream ... NY
Emerson Electric Mfg. Co., 2-3 ... 8100 Florissant Ave. St. Louis 36 ... Mo
Emertron Inc., 1 ... 1140 East-West Hwy. Silver Spring ... Md
Ford Instrument Co. Div. Sperry Rand Corp., 3-4 ... 31-10 Thomson Ave. Long Island City 1 ... NY
General Electric Co. Light Military Electronics Dept., 2 ... French Rd. Utica ... NY
Gilfillan Bros. Inc., 3-4 ... 1815 Venice Blvd. Los Angeles 6 ... Cal
Gordon Enterprises, 4 ... 5362 N Cahuenga Blvd. N Hollywood ... Cal
Gray Mfg. Co., 1 ... Dept 67, 16 Arbor St. Hartford 1 ... Conn
HALLICRAFTERS CO., 3, Adv Pg 385 ... 4401 W 5th St. Chicago 24 ... Ill
Hamilton Standard Div. United Aircraft Corp., 2-4 ... Broad Brook ... Conn
Hastings-Raydist, Inc., 1 ... Hampton 9 ... Va
Hickok Electrical Instrument Co., 1-4 ... 10532 Dupont Ave. Cleveland 8 ... Ohio
HOWELL INSTRUMENTS INC., 4, Adv Pg 358 ... 3479 W Vickery Blvd. Fort Worth 7 ... Tex
Huyck Systems Co., 4 ... 360 Wolf Hill Rd. Huntington Sta ... NY
Inertia Switch Inc., 3 ... 311 W 43rd St. New York 36 ... NY
Intercontinental Electronics Corp., 1 ... 300 Starnes Dr. Westbury 79 ... NY
Kaiser Aircraft & Electronics, 4 ... 2222 N Pinnacle Ave. Phoenix ... Ariz
KEARFOTT DIV. GEN PRECISION INC., 2-4-5, Adv Pg 394 ... Little Falls ... NJ
Kaulite Laboratories, Inc., 3 ... 1819 W Grand Ave. Chicago 22 ... Ill
Kollsman Instrument Corp Sub Standard Kollsman Ind Inc., 1-4 ... 80-08 45th Ave. Elmhurst 73 ... NY
Korry Mfg. Co., 4 ... 223 8th Ave. N, Seattle 9 ... Wash
Lear Inc., 1-2-4-5 ... 3171 S Bundy Dr. Santa Monica ... Cal
Librascope, Div. General Precision Inc., 3 ... 808 Western Ave. Glendale ... Cal
Lockheed Electronics Co. Info Tech Div., 3 ... Metuchen ... NJ
Magnavox Co., 3 ... 2131 Bueter Rd. Fort Wayne 4 ... Ind
MAGNETIC AMPLIFIERS DIV. SIEGLER CORP., 2, Adv Pg 295 ... 632 Tinton Ave. New York 55 ... NY
[illegible] Industries Inc., 5 ... 5134 [illegible], Houston 18 ... Tex
Marquardt Corp. Pomona Div., 3 ... 2709 N Garey Ave. Pomona ... Cal
Minn-Honeywell, Military Prods Gr., 1-2-3-4-5 ... 2600 Ridgway Rd. Minneapolis 13 ... Minn
Minn. Honeywell, Precision Meter Div., 4 ... Grenier Field, Manchester ... NH
MODEL ENG. & MFG. CORP., 1-2-4-5, Adv Pg 480 ... 50 Frederick St. Huntington ... Ind
National Aeronautical Corp., 4 ... Commerce Dr. Fort Washington ... Pa
Norden Div. United Aircraft Corp., 3-4-5 ... Helen St. Norwalk ... Conn
NORTH ATLANTIC INDUSTRIES INC., 4, Adv Pg 344 ... Terminal Dr. Plainview ... NY
Nortronics, Div Northrop Corp., 2 ... 222 N Prairie Ave. Hawthorne ... Cal
Osborne Research Labs., 3 ... Box 1435, Santa Barbara ... Cal
Oster Mfg Co. John, Avionics Div., 4 ... 1 N Main St. Racine ... Wis
Pacific Scientific Co., 4 ... Box 22019, Los Angeles 22 ... Cal
Panoil Corp., 4 ... 49 Beach St. Port Chester ... NY
Parsons Co., Ralph M. Electronics Div., 3 ... 151 S DeLacey Ave. Pasadena ... Cal
Penn Keystone Corp., 4 ... Box 390, [illegible] ... [illegible]
Phoenix Instrument & Electronic Co., 4 ... 151 Pasadena Ave. South Pasadena ... Cal
Pioneer Central Div. Bendix Corp., 1-4-5 ... Davenport ... Iowa
Power - Tronic Systems, Inc., 2-5 ... 10-12 Pine Ct. New Rochelle ... NY
PRECISION PRODUCTS DEPT. NORTRONICS DIV. NORTHROP CORP., 2-5, Adv Pg 240 ... 100 Morse St. Norwood ... Mass
Radio Corp. of America, Defense Electronic Prods. 1-2 ... Bldg. 15-2 Camden ... NJ
Raytheon Co. Govt Mktg., 1 ... Lexington 73 ... Mass
Rescon Electronics Corp., 3 ... 151 Bear Hill Rd. Waltham 54 ... Mass
Ryan Electronics Div. Ryan Aero. Co., 1-3 ... 5650 Kearny Mesa Rd. San Diego 12 ... Cal
SANDERS ASSOCIATES, INC., 1-2, Adv Pg 380 ... 95 Canal St. Nashua ... NH
Servomechanisms/Inc., 1-2-4 ... 200 N Aviation Blvd. El Segundo ... Cal
Sierra Research Corp., 1 ... Box 22, Buffalo 25 ... NY
Space Electronics Corp., 3 ... 930 Air Way, Glendale 1 ... Cal
Specialties, Inc., 4 ... Skunks Misery Rd. Syosset ... NY
Spectrol Electronics Corp., 4 ... 1704 S Del Mar, San Gabriel ... Cal
Sperry Gyroscope Co. Div. Sperry Rand Corp., 1-2-4-5 ... Great Neck ... NY
Sperry Microwave Electronics Co., 3 ... Box 1828, Clearwater ... Fla
Sperry Phoenix Co. Div. Sperry Rand Corp., 2-4-5 ... 21111 N 19th Ave. Phoenix 27 ... Ariz
Standard Tel. & Cables Ltd., 1 ... 29 Glasshouse Yard, London ... Eng
Stratocon Corp., 2-3-4 ... Box 10, Morristown ... NJ
Straza Industries, 2 ... 790 Greenfield Dr. El Cajon ... Cal
Summers Gyroscope Co., 2-4 ... 2500 Broadway, Santa Monica ... Cal
Sun Electric Co., 4 ... 6323 Avondale St. Chicago 31 ... Ill
Turbo Machine Co., 1 ... 840 N Main St. Lansdale ... Pa
United Control Corp., 4 ... Overlake Ind Pk. Box 3104, Seattle ... Wash
United Shoe Machinery Corp., 3 ... 140 Federal St. Boston ... Mass
U. S. GAUGE DIV. AMER-MACH & METALS, INC., 1-4, Adv. Pgs. 419, 420 ... Sellersville ... Pa
Univox Corp., 4 ... 110 Warren St. New York 7 ... NY
Vecto Instrument Corp., 4 ... 8124 Linckerd, Houston ... Tex
Voltron Products Co., 4 ... 1220 S Arroyo Pkwy. Pasadena ... Cal
Wac Line Inc., 4 ... 35 S St. Clair St. Dayton 2 ... Ohio
Whitehall Electronics Corp., 3 ... 1645 Hennepin Ave. Minneapolis 3 ... Minn
Whittaker Gyro Div. Telecomputing Corp., 2 ... 16217 Lindbergh St. Van Nuys ... Cal

AIR CYLINDERS *See* CYLINDERS -*AIR*
AIR FREIGHT *See* SHIPPING SERVICES
AIR-PARTICLE MONITORS *See* MONITORS -*RADIOACTIVITY*
AIRPORT TRAFFIC CONTROL SYSTEMS *See* COMMUNICATION SYSTEMS
ALARM SYSTEMS *See* DETECTORS -*FIRE*: DETECTORS -*INTRUSION*: DETECTORS -*SMOKE*
ALARMS *See* ANNUNCIATORS
ALKYD POLYESTERS *See* PLASTICS
ALLIGATOR CLIPS *See* CLIPS -*TEST*
ALLOY CASTINGS *See* CASTINGS
ALLOY PREFORMS *See* PREFORMS
ALLOYS *See* BERYLLIUM COPPER. *BRASS. BRONZE. COEFFICIENT METALS. GOLD. NICKEL. PHOSPHOR BRONZE. SILVER. STAINLESS STEEL*

ALLOYS -*BRAZING*

Accurate Specialties Co. Inc ... 345 Lodi St. Hackensack ... NJ
All-State Welding Alloys Co., Inc ... 249 Ferris Ave, White Plains ... NY
Aluminum Co of America ... Alcoa Bldg. Pittsburgh 19 ... Pa
BIRNBACH RADIO CO. INC., Adv Pg 529 ... 145 Hudson St. New York 13 ... NY
Chase Brass & Copper Co., Inc ... 235 Grand St, Waterbury 20 ... Conn
HANDY & HARMAN, Adv Pg 213 ... 850 3rd Ave. New York 22 ... NY
NATIONAL LEAD CO., Adv Pg 557 ... 111 Broadway, New York 6 ... NY
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., Adv Pg 81 ... 34 Forest St. Attleboro ... Mass
Tricon Mfg. Co ... 5812 S. Wallace St, Chicago 20 ... Ill
Turbo Machine Co ... 840 N Main St. Lansdale ... Pa
Williams Gold Refining Co., Inc ... 2978 Main St. Buffalo 14 ... NY

ALLOYS - SPECIAL PURPOSE

1. *HIGH - PERMEABILITY*
2. *METAL-TO-GLASS*
3. *RESISTANCE*
4. *SEMICONDUCTOR ALLOYING & DOPING*
5. *THERMOCOUPLE*

A. O. I. P., 3 ... 23 Pl. Jeanne d'Arc, Paris 13 ... Fr
Accurate Specialties Co. Inc., 2-4 ... 345 Lodi St. Hackensack ... NJ
Allegheny Ludlum Steel Corp., 1-2 ... 2020 Oliver Bldg. Pittsburgh 22 ... Pa
Alloys Unlimited, Inc., 2-4 ... 21-03 43rd Ave. Long Island City 1 ... NY
Alpha Metals, Inc., 4 ... 600 Wells St. Jersey City ... NJ
American Silver Co. Inc., 1-2-4 ... 36-07 Prince St. Flushing 54 ... NY
Anchor Metal Co., The, 4 ... 966 Meeker Ave, Brooklyn 22 ... NY
Armco Steel Corp., 1 ... 703 Curtis St, Middletown ... Ohio
ARNOLD ENGINEERING CO., 1, Adv Pg 534 ... P.O. Box G, Marengo ... Ill
Associated Engineering & Mfg. Corp., 2 ... Glen Ridge ... NJ
Biggs Co. Inc. Carl H., 2 ... Dept. EB, 1547 14 St. Santa Monica ... Cal
Bishop & Co., J., Platinum Works, 2-3-5 ... Malvern ... Pa
Brainin Co., C. S., 4 ... 322 Washington St. Mt. Vernon ... NY
Bram Metallurgical Chemical Co., 1-3-4-5 ... 820 65 Ave. Philadelphia 26 ... Pa
CARBORUNDUM CO. REFRACTORIES DIV., 2, Adv Pgs 104, 105 ... Perth Amboy ... NJ
Carpenter Steel Co., 1-2-3 ... 101 W Bern St. Reading ... Pa
Carvil Technical Ceramics Inc., 2 ... 101-73 St. Union City ... NJ
Cerro Sales Corp., 2 ... 300 Park Ave. New York 22 ... NY
COHN CORP., SIGMUND, 4-5, Adv Pg 519 ... 121 S Columbus Ave. Mt. Vernon ... NY
Cominco Products Inc., 2-4 ... 933 W 3rd Ave, Spokane ... Wash
Composite Industrial Metals, Inc., 4 ... [illegible] Providence 5 ... RI
CONSOLIDATED REACTIVE METALS INC., 2-3-4-5, Adv Pg 551 ... 116 Hoyt St. Mamaroneck ... NY
Continental Sensing, Inc., 5 ... 1951 N Ruby St. Melrose Park ... Ill

CRUCIBLE STEEL CO OF AMERICA, 1-2-3-5, Adv. Pgs. 160,161 ... Box 88, Pittsburgh 30 ... Pa
CUSTOM COMPONENTS INC., 4, Adv Pg 396 ... Box 248, Caldwell ... NJ
Division Lead Co., 2 ... 7742 W. 61st Pl, Summit ... Ill
Driver-Harris Co., 2-3-5 ... 202 Middlesex St. Harrison 13 ... NJ
DRIVER CO., WILBUR B., 2-3-5, Adv Pg 275 ... 1875 McCarter Hwy. Newark 4 ... NJ
Electro Radiation Inc., 3-4 ... 11916 W Pico Blvd. Los Angeles 64 ... Cal
Emerson & Cuming, Inc., 4 ... 869 Washington St. Canton ... Mass
Engineering Science Div Amer Metal Prds Co., 1-2 ... 2601 S State St. Ann Arbor ... Mich
Filmore Corp., 1-2-3 ... 41 W 25 St. New York 10 ... NY
General Electric Co. Lamp Metals & Components Dept., 2 ... 21800 Tungsten Rd. Cleveland 17 ... Ohio
Greenfield Components Corp., 2 ... 184 Shelburne St, Greenfield 16 ... Mass
HANDY & HARMAN, 4, Adv Pg 213 ... 850 3rd Ave. New York 22 ... NY
Hermetite Corp., 2 ... 100 Ladge Dr. Avon ... Mass
HOSKINS MFG CO., 3-5, Adv Pg 323 ... 4445 Lawton Ave. Detroit 8 ... Mich
Jan Hardware Mfg Co. Inc., 1 ... 38-01 Queens Blvd. Long Island City 1 ... NY
Johnson Matthey & Mallory Ltd., 5 ... 110 Industry St. Toronto 15 ... Ont
Kanthal Corp., 3-5 ... Amelia Pl, Stamford ... Conn
LEACH & GARNER CO. INDUSTRIAL DIV., 2-4, Adv Pgs 538, 539 ... 55 School St. Attleboro ... Mass
A.D. Mackay, Inc., 4-5 ... 198 Broadway, New York 38 ... NY
MAGNETIC SHIELD DIV., PERFECTION MICA CO., 1 Adv Pg 35 ... 1322 N. Elston Ave, Chicago 22 ... Ill
MATERIALS ELECTRONIC PRODUCTS CORP., 4, Adv Pg 458 ... 990 Spruce St. Trenton ... NJ
Minn-Honeywell, Brown Instruments Div., 5 ... Wayne & Windrim Aves. Philadelphia 44 ... Pa
Minn-Honeywell, Military Prods Gr., 4 ... 2600 Ridgway Rd. Minneapolis 13 ... Minn
OHIO SEMICONDUCTORS, 4, Adv Pg 87 ... 1205 Chesapeake Ave. Columbus 12 ... Ohio
Pacific Scientific Co., 5 ... Box 22019, Los Angeles 22 ... Cal
Pyrometer Co. of America, Inc., 5 ... 600 E Lincoln Hwy. Penndel ... Pa
Revere Copper & Brass, Inc., 2 ... 230 Park Ave, New York 17 ... NY
Riverside-Alloy Metal Div., H.K. Porter., Inc., 3 ... 1 Pavilion Ave, Riverside ... NJ
SECON METALS CORP., 4-5, Adv Pg 412 ... 7 Intervale St. White Plains ... NY
Semi-Alloys Inc., 4 ... 20 McQueston Pkwy. N., Mt. Vernon ... NY
SEMI-ELEMENTS INC., 4, Adv Pg 524 ... Saxonburg Blvd. Saxonburg ... Pa
SOLID STATE MATERIALS CORP., 4, Adv Pg 500 ... 5 Erie Dr. East Natick ... Mass
Somers Brass Co., 2 ... 94 Baldwin Ave. Waterbury ... Conn
Steel Heddle Mfg Co., 3-5 ... 2100 W Allegheny Ave. Philadelphia 32 ... Pa
Summit Industries, Inc., 2 ... 2114 W. Rosecrans Ave, Gardena ... Cal
Sylvania Electric Products Inc. Parts Div., 2 ... 12 2nd Ave. Warren ... Pa
Tang Industries Inc., 4 ... 400 Main St. Waltham 54 ... Mass
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 2-5, Adv Pg 81 ... 34 Forest St. Attleboro ... Mass
Thermo Electric Co. Inc., 5 ... 109 5th St. Saddle Brook ... NJ
Thermovolt Instruments Ltd., 5 ... 70 Advance Rd. Toronto 18 ... Ont
Topper Mfg Co. Inc., 3 ... 84-56 Parsons Blvd. Jamaica 32 ... NY
United Mineral & Chemical Corp., 2-3-4 ... 16 Hudson St. New York 13 ... NY
Universal Match Corp. Armament Div., 2 ... 472 Paul Ave. St Louis 35 ... Mo
Var-Lac-Oid Chemical Co., 4-5 ... 116 Broad St. New York 4 ... NY
Wallingford Steel Co., 1-2 ... Valley St, Wallingford ... Conn
Western Gold & Platinum Co. Sub. Wilbur B. Driver Co., 4-5 ... 525 Harbor Blvd. Belmont ... Cal
Westinghouse-Materials Mfg Div., 1-2-3 ... Box 128, Blairsville ... Pa
WILKINSON CO., 4-5, Adv Pg 180 ... 1660 9th St. Santa Monica ... Cal
Williams Gold Refining Co., Inc., 4 ... 2978 Main St. Buffalo 14 ... NY

ALLOYS – *THERMOSTATIC* See BI-METALS
ALL-WAVE RECEIVERS See RECEIVERS – *RADIO, ENTERTAINMENT*
ALLYLS See PLASTICS
ALNICO See MAGNETS – *PERMANENT*
ALTERNATING CURRENT See A-C LISTINGS
ALTERNATORS See CONVERTERS; INVERTERS
ALTIMETERS – *ELECTRONIC* See AIRCRAFT EQUIPMENT
ALTITUDE CHAMBERS See CHAMBERS
ALTITUDE SWITCHES See SWITCHES
ALUMINIZERS See MACHINES – *METALLIZING*; METALLIZING SERVICES

ALUMINUM

1. FOIL
2. POWDERED See PREFORMS
3. SHEETS, BARS & RODS
TUBING See TUBING – *METALLIC*; WIRE See WIRE – *BARE*
4. SHEETS, PLASTIC COATED OR LAMINATED
5. ETCHED FOIL FOR CAPICATORS

Accurate Specialties Co. Inc., 1-2-3-4 ... 345 Lodi St. Hackensack ... NJ
Allied Chemical Corp. Baker & Adamson Prods-Gen. Chem. Div., 1-2-3 ... 40 Rector St. New York ... NY
Alloys Unlimited Inc., 1 ... 21-01 43rd Ave. Long Island City 1 ... NY
Aluminum Co of America, 1-2-3-4 ... Alcoa Bldg. Pittsburgh 19 ... Pa
American Brazing Alloys Corp., 3 ... Box 11, Pelham ... NY
American Silver Co. Inc ... 36-07 Prince St. Flushing 54 ... NY
Amflex Products Dept., Amer Mach & Fdry.Co., 4 ... 689 Hope St, Springdale ... Conn
Anaconda Aluminum Co., 1-3 ... 1415 S. 13 St, Louisville ... Ky
Anchor Metal Co., The, 1 ... 966 Meeker Ave, Brooklyn 22 ... NY
Biggs Co. Inc. Carl H., 2 ... Dept EB, 1547 14 St. Santa Monica ... Cal
Bram Metallurgical Chemical Co., 1-2-3 ... 82 65 Ave, Philadelphia 26 ... Pa
Bridgeport Brass Co., 3-4 ... 30 Grand St. Bridgeport ... Conn
Chase Brass & Copper Co., Inc., 3 ... 236 Grand St, Waterbury 20 ... Conn
Composite Industrial Metals Inc., 1 ... 235 Georgia Ave. Providence 5 ... RI
Crystal-X Corp., 4 ... 403 Lenni Rd. Lenni Mills 2 ... Pa
Delwald Co., Inc., 2 ... 11 Bertel Ave, Mt. Vernon ... NY
Dow Chemical Co., 3 ... Midland ... Mich
Fairmont Aluminum Co. Sub. Cerro Corp., 3 ... Fairmont ... W Va
Hermes Plastics Inc., 3 ... 154 W 14th St. New York 11 ... NY
JFD ELECTRONICS CORP., 3, Adv Pgs 406, 407 ... 6101 16th Ave. Brooklyn 4 ... NY
Laminated Shim Co., Inc., 4 ... 49 Union St, Glenbrook ... Conn
Lyncoach & Truck Co. Inc., 3 ... Oneonta ... NY
A.D. Mackay, Inc., 1-2-3 ... 198 Broadway, New York 38 ... NY
Mirro Aluminum Co ... 1512 Washington St. Manitowoc ... Wis
NATIONAL LEAD CO., 3, Adv Pg 557 ... 111 Broadway, New York 6 ... NY
Paul & Stein Bros, Inc, F. H., 1 ... 235 Fifth Ave. New York 16 ... NY
Permalaster, Inc., 1 ... 2012 W Burbank Blvd. Burbank ... Cal
Rea Magnet Wire Co., Inc., 1 ... 3610 E. Pontiac St, Fort Wayne ... Ind
Republic Foil Inc., 1-5 ... 55 Triangle St, Danbury ... Conn
Revere Copper & Brass, Inc., 1-3-4 ... 230 Park Ave, New York 17 ... NY
Reynolds Metals Co., 1-2-3-4 ... Box 2346 ZE, Richmond 18 ... Va
Ryerson & Son Inc. J T., 3-4 ... 2558 W 16th St. Chicago 18 ... Ill
Semi-Alloys Inc., 1 ... 20 McQueston Pkwy. N., Mt. Vernon ... NY
STAFFORD MFG. CO. INC., 1, Adv Pg 124 ... 145 58th St. Brooklyn 20 ... NY
Staver Co., Inc., 4 ... 41 N. Saxon Ave, Bay Shore ... NY
Steel Heddle Mfg Co., 1 ... 2100 W Allegheny Ave. Philadelphia 32 ... Pa
Sylvania Elec Prods Inc. Sylcor Div., 3 ... 208-20 Willets Point Blvd. Bayside ... NY
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 1-4, Adv Pg 81 ... 34 Forest St. Attleboro ... Mass
United Mineral & Chemical Corp., 1-2-3-4 ... 16 Hudson St. New York 13 ... NY
United Technical Industries Inc., 2 ... 5221 S Major St. Murray ... Utah
Var-Lac-Oid Chemical Co., 1-2 ... 116 Broad St. New York 4 ... NY
Wellington Electronics Inc., 5 ... 65 Honeck St. Englewood ... NJ
WILKINSON CO., 1-3, Adv Pg 180 ... 1660 9th St. Santa Monica ... Cal

ALUMINUM OXIDE

1. GRANULAR OR POWDERED
2. METALLIZED
TUBING See TUBING – *NONMETALLIC*
3. MOLDED PARTS
4. RODS

Aceto Chemical Co., Inc., 1 ... 40-40 Lawrence St, Flushing 54 ... NY
Advanced Vacuum Prods Inc. Sub Glass-Tite Ind., 2 ... 430 Fairfield Ave. Stamford ... Conn
Allied Chemical Corp. Baker & Adamson Prods-Gen. Chem. Div., 1 ... 40 Rector St. New York ... NY
Aluminum Co of America, 1-3 ... Alcoa Bldg. Pittsburgh 19 ... Pa
American Feldmuehle Corp., 2-3 ... 11 W. 42nd St, New York 36 ... NY
AMERICAN LAVA CORP., 2-3-4, Adv Pg 237 ... Cherokee & Mfgrs Rd. Chattanooga 5 ... Tenn
Biggs Co. Inc. Carl H., 3 ... Dept EB, 1547 14 St. Santa Monica ... Cal
Bio-Rad Laboratories ... 1257 S. 32nd St, Richmond ... Cal
CFI CORP., 2-3, Adv Pg 294 ... Cottage Pl. Mineola ... NY
CARBORUNDUM CO. REFRACTORIES DIV., 1-2-3-4, Adv Pgs 104, 105 ... Perth Amboy ... NJ
Carborundum Co., 1-3 ... Buffalo Ave. Dept. EBG, Niagara Falls ... NY
Carvil Technical Ceramics Inc., 2-3-4 ... 801-23rd St. Union City ... NJ
Coramiseal, Inc., 2 ... Box 25, New Lebanon Center ... NY
Ceremic Inc. Chemists, 2 ... 173 Ridge St. Newark 4 ... NJ
Cooper Development Corp., 3 ... 2626 S. Peck Rd, Monrovia ... Cal
Dayton Rogers Mfg. Co., 3 ... 2824 13th Ave. S. Minneapolis 7 ... Minn
Diamonite Products Mfg. Co., 3-4 ... Shreve ... Ohio
Duramic Products, Inc., 2-3-4 ... 426 Commercial Ave. Palisades Park ... NJ
EITEL-McCULLOUGH INC., 2, Adv Pgs 57-60 ... 301 Industrial Way, San Carlos ... Cal
Electro-Ceramics, Inc., 2-3-4 ... 2645 S 2nd W. Salt Lake City 15 ... Utah
Engineering Science Div Amer Metal Pcts Co., 2-3 ... 2601 S State St. Ann Arbor ... Mich
Frenchtown Porcelain Co., 2-3-4 ... Frenchtown ... NJ
Gallard-Schlesinger Chemical Mfg Corp., 1 ... 1001 Franklin Ave, Garden City ... NY
Geoscience Instrument, Inc., 1 ... 142 Maiden Lane, New York 38 ... NY
Gladding, McBean & Co., 2-3-4 ... 1551 S. Primrose St, Monrovia ... Cal
Gulton Industries, Inc., 1-3-4 ... 212 Durham Ave. Metuchen ... NJ
Kirchberger & Co., Inc., M., 3 ... 248 Humphrey St, Englewood ... NJ
Laboratory Equipment Corp., 3-4 ... Lakeview & Hilltop Rd., St Joseph ... Mich
A.D. Mackay, Inc., 1-4 ... 198 Broadway, New York 38 ... NY
Materials for Electronics, Inc., 1-2-3-4 ... 152-25 138 Ave, Jamaica 34 ... NY
Meller Co., Adolf, 1-4 ... Box 6001-Tunkey, Providence ... RI
Metavac, Inc., 2 ... 45-68 162 St. Flushing 58 ... NY
Metco Inc., 2 ... 1101 Prospect Ave. Westbury ... NY
Microtron Inc. Pyrocircuits Div., 2-3-4 ... 6 Manhasset Ave. Port Washington ... NY
Minn-Honeywell, Ceramics Lab., 2-3-4 ... Box 44, Minneapolis 40 ... Minn
MITRONICS INC., 2, Adv Pg 548 ... 132 Floral Ave. Murray Hill ... NJ
Mytroy, Inc., 3 ... 645 Wheeling Rd. Wheeling ... Ill
NATIONAL BERYLLIA CORP., 2-3-4, Adv Pg 552 ... 1st & Haskell, Haskell ... NJ
Norton Co., 1-3-4 ... 1 New Bond St. Worcester 6 ... Mass
Permalaster, Inc., 2 ... 2012 W Burbank Blvd. Burbank ... Cal
Poly-Kote, Inc., 2 ... 82 Chestnut St. North Attleboro ... Mass
Reynolds Metals Co., 1-2 ... Box 2346 ZE, Richmond 18 ... Va
SEMI-ELEMENTS INC., 1, Adv Pg 524 ... Saxonburg Blvd. Saxonburg ... Pa
Shaw Instrument Corp., 2 ... P. O. Box G-46, Latrobe ... Pa
SOLID STATE MATERIALS CORP., 1, Adv Pg 500 ... 5 Erie Dr. East Natick ... Mass
SUPERIOR STEATITE & CERAMIC CORP., 3, Adv Pg 536 ... 83-91 W Forest Ave. Englewood ... NJ
Sylvania Elec Prods Inc. Sylcor Div., 1-2 ... 208-20 Willets Point Blvd. Bayside ... NY
Thor Ceramics, Inc., 3-4 ... 225 Belleville Ave. Bloomfield ... NJ
Topper Mfg Co. Inc., 1-3 ... 84-56 Parsons Blvd. Jamaica 32 ... NY
United Mineral & Chemical Corp., 1-3-4 ... 16 Hudson St. New York 13 ... NY
United Products Co., 2-3-4 ... 165 Franklin Ave. Nutley 10 ... NJ
Western Gold & Platinum Co. Sub. Wilbur B. Driver Co., 2-3-4 ... 525 Harbor Blvd. Belmont ... Cal
Zirconium Corp. of America, 3-4 ... 31501 Solon Rd. Solon 39 ... Ohio

A-M AMPLIFIERS See AMPLIFIERS

A-M ANTENNAS See ANTENNAS
AMATEUR RADIO ANTENNAS See ANTENNAS – *COMMUNICATION*
AMATEUR RECEIVERS See RECEIVERS – *RADIO COMMUNICATION*
AMATEUR TRANSMITTERS See TRANSMITTERS – *RADIO COMMUNICATION*

AMMETERS

1. A-C, RECTIFIER-TYPE
2. A-C, THERMOCOUPLE-TYPE
3. CLAMP-ON TYPE (SNAP-ON) A-C & D-C
4. CONTACT-MAKING A-C & D-C
5. D-C
6. MICROAMMETERS
7. MICROMICROAMMETERS
8. MILLIAMMETERS, A-C
9. MILLIAMMETERS, D-C
10. MILLIAMMETERS, D-C CLIP-ON
11. R-F
12. S-METERS

A. O. I. P., 1-5-6-8-9 ... 23 Pl. Jeanne d'Arc, Paris 13 ... Fr
AIRPAX ELECTRONICS INC. SEMINOLE DIV., 1-6-8-9-10, Adv Pg 106 ... Fort Lauderdale ... Fla
ALCO ELECTRONIC PRODUCTS, INC., 1-5-6-8-9-10-12, Adv Pg 548 ... 3 Wolcott Ave. Lawrence 33 ... Mass
Altron Electronics, 11 ... Box 141, Ridley Park ... Pa
American Machine & Foundry Co., 1-2 ... 1025 N Royal St. Alexandria ... Va
American-Standard, Controls Div., 1 ... 5900 Trumbull, Detroit 8 ... Mich
Assembly Products, Inc., 1-2-4-5-6-8-9 ... 75 Wilson Mills Rd, Chesterland 6 ... Ohio
Beckman Instruments, Inc. Scientific & Process Instruments Div., 7 ... 2500 Harbor Blvd. Fullerton ... Cal
Benda Electrical Instrument Co. Inc., 5-6-8-9-12 ... Penacook ... NH
BOONTON ELECTRONICS CORP., 7, Adv Pg 212 ... 738 Speedwell Ave. Morris Plains ... NJ
Bruno-New York Industries Corp., 3 ... 460 W. 34 St, New York 1 ... NY
Buck Engineering Co., Inc., 5 ... 43 Mercy St, Freehold ... NJ
Calibration Standards Corp., 5-6-7-9 ... 1025 Westminster Ave. Alhambra ... Cal
Canadian Research Institute, 1-2-3-4-5-6-8-9 ... 85 Curlew Dr. Don Mills ... Ont
Central Scientific Co. Div. Cenco Instr Inc., 6-8-9 ... 1700 Irving Park Rd. Chicago 13 ... Ill
Columbia Electric Mfg. Co., 3 ... 4519 Hamilton Ave N.E., Cleveland 14 ... Ohio
Daystrom Inc. Weston Instruments Div., 1-2-3-4-5-6-7-8-9-10-11-12 ... 614 Frelinghuysen Ave Newark 12 ... NJ
DeJUR-AMSCO CORP., 1-5-6-8-9, Adv Pg 369 ... Northern Blvd. at 45th St. Long Island City 1 ... NY
Dymec Div. Hewlett - Packard Co., 6-10 ... 395 Page Mill Rd. Palo Alto ... Cal
Dynamics Instrumentation Co., 6-7-10 ... 583 Monterey Pass Rd. Monterey Park ... Cal
Dynatran Electronics Corp., 6 ... 178 Herricks Rd. Mineola ... NY
E-H Research Laboratories, Inc., 5-6-7-9 ... 163 Adeline St. Oakland 20 ... Cal
Elcor, Inc., 7 ... 1225 W. Broad St, Falls Church ... Va
Electric Design & Mfg Corp., 5-6-9 ... Burlington ... Iowa
Electro Logic Corp., 5-9 ... 515 Boccaccio Ave. Venice ... Cal
Electro-Mechanical Instrument Co., 5-6-8-9 ... 813 Chestnut St, Perkasie ... Pa
Epic Inc., 3 ... 150 Nassau St. New York 38 ... NY
Esterline Angus Instrument Co. Inc., 1-4-5-6-9 ... Box 596, Indianapolis 6 ... Ind
Evershed & Vignoles Ltd., 1-4-5-8-9-10 ... Chiswick, London W 4 ... Eng
GENERAL ELECTRIC CO. APPARATUS SALES, 3-4-5-6-8-9, Adv Pgs 8, 9 ... 1 River Rd. Schenectady 5 ... NY
GENERAL METERS INC., 6-8-9-10-12, Adv Pgs 374, 375 ... Box 1701, Grand Junction ... Colo
General Radio Co., 6-7 ... West Concord ... Mass
GREIBACH INSTRUMENTS CORP., 2-5-6-8-9, Adv Pg 487 ... 315 North Ave. New Rochelle ... NY
Gyra Electronics Corp., 7 ... P.O. Box 184, La Grange ... Ill
Halex Inc., 7-9 ... 310 E Imperial Hwy. El Segundo ... Cal
Heath Co. A Sub of Daystrom, Inc., 9 ... Benton Harbor ... Mich
Helipot Div. Beckman Instruments Inc., 1-2-5-6-7-8-9-11-12 ... 2500 Harbor Blvd. Fullerton ... Cal
HEWLETT-PACKARD CO., 3-5-6-7-9-10, Adv Pgs 19-34 ... 1501 Page Mill Rd. Palo Alto ... Cal
Hickok Electrical Instrument Co., 1-2-3-5-6-7-8-9-10-11 ... 10532 Dupont Ave. Cleveland 8 ... Ohio
HOYT ELECTRICAL INSTRUMENT WORKS INC., 1-5-6-8-9-10, Adv Pg 414 ... 42 Carleton St. Cambridge 42 ... Mass
Ideal Precision Meter Co., 1-2-5-6-8-9-11-12 ... 214 Franklin St, Brooklyn 22 ... NY
Industrial Control Co., 7 ... Central at Pinelawn, Farmingdale ... NY
Interlab Inc., 1-5-8-9-10 ... 116 Kraft Ave. Bronxville ... NY
INTERNATIONAL INSTRUMENTS INC., 4-6-9-11, Adv Pgs 530, 531 ... P. O. Box 2954, New Haven 15 ... Conn
Keithley Instruments, Inc., 5-6-7-9-10 ... 12415 Euclid Ave. Cleveland 6 ... Ohio
KIN TEL DIV. COHU ELECTRONICS, 6-7, Adv Pgs 244, 245, 247 ... 5725 Kearny Villa Rd. San Diego 12 ... Cal
KYORITSU ELECTRICAL INSTRUMENTS WKS. LTD., 1-2-3-6-7-8-9-10-12, Adv Pg 254 ... 120, Nakane-cho, Meguro-ku, Tokyo ... Jap
Leeds & Northrup Co., 5-6-7 ... 4970 Stenton Ave. Phila. 44 ... Pa
Martindale Electric Co., 3-8 ... Edgewater Br. Box 617, Cleveland 7 ... Ohio
Measurements Research Co., 6 ... 3101 Castor Ave, Philadelphia ... Pa
Meters, Inc., 1-5-6-8-9 ... 5353 N. Keystone Ave, Indianapolis 20 ... Ind
Millivac Instruments Inc., 6-7-9 ... Box 997, Schenectady ... NY
Minicord Corp. of America, 1-5-8-9-11-12 ... 1913 Atlantic Ave. Atlantic City ... NJ
Minn. Honeywell, Precision Meter Div., 1-5-6-7-8-9 ... Grenier Field, Manchester ... NH
National Electronics, 1-2-6-8-10 ... Box 1237, Sheridan ... Wyo
New England Scientific Instruments Corp., 8-9-10 ... 238 Main St. Cambridge 42 ... Mass
OHIO SEMICONDUCTORS, 3, Adv Pg 87 ... 1205 Chesapeake Ave. Columbus 12 ... Ohio
Pace Electrical Instruments Co. Inc., 1-5-6-8-9-12 ... 70-31 84 St. Glendale 27 ... NY
Phaostron Instrument & Electronic Co., 1-5-6-8-9-12 ... 151 Pasadena Ave. South Pasadena ... Cal
PHYSICS RESEARCH LABS. INC., 1-5-6-8-9, Adv Pg 478 ... Box 555, Hempstead ... NY
Precision Apparatus Co., Inc., 1-5-6-8-9 ... 70-31 84 St, Glendale 27 ... NY
Pyramid Instrument Corp., 3 ... 630 Merrick Rd, Lynbrook ... NY
Quan-Tech Labs, Inc., 6 ... 10 Parsippany Blvd. Boonton ... NJ
Radiation Technology, Inc., 7 ... 657 Antone St. NW Atlanta 18 ... Ga
Radio Corp of America Electron Tube Div., 7 ... 415 S. 5th St, Harrison ... NJ
Radiometer, 6 ... 72 Emdrupvej, Copenhagen NV 1 ... For
RAWSON ELECTRICAL INSTRUMENT CO., 2-5-6-8-9, Adv Pg 446 ... 111 Potter St. Cambridge 42 ... Mass
Sangamo Electric Co., 5 ... 1201 N. 11 St, Springfield ... Ill
SENSITIVE RESEARCH INSTRUMENT CORP., 2-4-5-6-8-9-11, Adv Pg 109 ... 310 Main St. New Rochelle ... NY
Shurite Meters, 5-8-9 ... 130 Wallace St, New Haven 8 ... Conn
Simpson Electric Co., Div., American Gage & Machine Co., 1-2-4-5-6-8-9-11 ... 5218 W. Kinzie St, Chicago 44 ... Ill
Stark Electronic Instruments Ltd., 1-2-5-6-8-9-11-12 ... Box 670, Ajax ... Ont
Sterling Mfg Co., 1-5-6-8-9 ... 2830 Detroit Ave. Cleveland 13 ... Ohio
Sticht Co., Inc., Herman H., 3-7 ... 27 Park Pl. New York 7 ... NY
Sun Electric Co., 1-2-4-5-6-7-8-9-10-11-12 ... 6323 Avondale St. Chicago 31 ... Ill
Technique Assoc, Div., Duncan Electric, 4 ... 1413 N. Cornell Ave, Indianapolis ... Ind
Televiso Corp., 6-7 ... Wheeling & Exchange Rds. Wheeling ... Ill
Thermovolt Instruments Ltd., 2-3-4-8-9-10 ... 70 Advance Rd. Toronto 18 ... Ont
TOYO MUSEN CO. LTD., 6-11-12, Adv Pg 258 ... 75 Wakabayashi Chosetagayaku, Tokyo ... Jap
Triplett Electrical Instrument Co., 1-2-3-5-6-8-9 ... Harmon Rd. Bluffton ... Ohio
U. S. Nuclear Corp., 7 ... 801 N. Lake St, Burbank ... Cal
VICTOREEN INSTRUMENT CO., COMPONENTS DIV., 7 Adv Pgs 466, 493 ... 5806 Hough Ave. Cleveland 3 ... Ohio
Volkan Products Co., 1-4-5-6-7-8-9-10 ... 1120 S Arroyo Pkwy. Pasadena ... Cal
Wac Line Inc., 1-2-5-6-8-9-11 ... 35 S St. Clair St. Dayton 2 ... Ohio
Wayne Kerr Corp., 7 ... 1633 Race St. Philadelphia 3 ... Pa
Westinghouse-Instrument Dept., 1-2-4-5-6-8-9-11 ... Newark ... NJ
Yokogawa Electric Works Inc., 1-2-5-6-7-8-9-10 ... 40 Worth St. New York 13 ... NY

MPLIFIERS – A-F

1. GENERAL-PURPOSE (Incl. HIGH-FIDELITY)
2. INPUT SYSTEMS (Incl. A-F MIXERS AND PORTABLE BROADCAST STATION INPUT CONTROLS)
3. LIMITING
4. LINE
5. MUSICAL INSTRUMENT
6. NARROW-BAND
7. POWER
8. PREAMPLIFIERS, MONAURAL
9. PREAMPLIFIERS, STEREO
10. SOUND RECORDING
11. STEREO
12. SUBMINIATURE (EXCEPT HEARING AIDS)
See Also CONSOLES – A-F CONTROL

A R & D A, 7 ... 135 Main St. Belleville 9 ... NJ
Acro Electronic Products Co., 1-7-8-9-11 ... 410 Shurs Ln. Philadelphia 28 ... Pa
AD-YU ELECTRONICS LAB. INC., 6-8, Adv Pg 522 ... 249-259 Terhune Ave. Passaic ... NJ
Airborne Accessories Corp., 7-8 ... 1414 Chestnut Ave, Hillside ... NJ
AIRPAX ELECTRONICS INC. SEMINOLE DIV., 7, Adv Pg 106 ... Fort Lauderdale ... Fla
Airtronics International Corp., 1-12 ... Box 8576, Fort Lauderdale ... Fla

ALDEN ELECTRONIC & IMPULSE RECORDING EQUIP CO., 7, Adv Pg 358	**P.O. Box 125, Westboro**	**Mass**
Allied Radio Corp., 1-9-10-11	100 N Western Ave, Chicago 80	Ill
Altec Lansing Corp., 1-2-3-4-7-8-9-10-11	1515 S Manchester Ave, Anaheim	Cal
Alto Fonic Corp., 7	881 Commercial St, Palo Alto	Cal
Altron Electronics, 12	Box 141, Ridley Park	Pa
American Concertone, Inc., 2-8-9-10-11	9449 W Jefferson Blvd, Culver City	Cal
American Elite, Inc (Telefunken), 1-2-3	48-90 34 St, Long Island City 1	NY
American Research & Mfg. Corp., 7	920 Halpine Ave, Rockville	Md
Amplifier Corp of America, 1-3-4-7-8-9-11	396 Broadway, New York 13	NY
Amplivox Ltd., 8-12	Beresford Ave, Wembley, Middx	Eng
ANDERSEN LABS. INC., 1-4-8, Adv Pg 426	**501 New Park Ave. W Hartford**	**Conn**
Antennavision Inc., 4	Box 11326, Phoenix	Ariz
Applied Control Corp., 3-4	1000 Main St, Hackensack	NJ
APPLIED ELECTRONICS CORP. OF NJ, 8, Adv Pg 518	**22 Center St. Metuchen**	**NJ**
Applied Magnetics Corp., 11	Box 368, Goleta	Cal
Ardente Acoustic Labs Ltd., 1-12	8/12 Minerva Rd, London NW 10	Eng
Arvin Industries Inc., 1-7-11	Columbus	Ind
Ascop Div of Electro-Mechanical Research, Inc., 4	Box 44, Princeton	NJ
Audiotronics Corp., 1-5-11	11057 Weddington St, North Hollywood	Cal
Audivox, Inc., 12	123 Worcester St, Boston	Mass
Aurex Corp., 12	315 W. Adams St, Chicago 6	Ill
Bach Auricon, Inc., 10	6904 Romaine St, Hollywood 38	Cal
Barker & Williamson Inc., 1-6-7-12	Canal & Beaver Sts. Bristol	Pa
Beckman Instruments, Inc. Systems Div., 2-6	2400 Harbor Blvd. Fullerton	Cal
Behlman Engineering Co., 1-7	2911 Winona Ave. Burbank	Cal
Bell & Howell Co	7100 McCormick Rd, Chicago 45	Ill
Bell Sound Div., TRW, Inc., 1-11	555 Marion Rd, Columbus	Ohio
Bellaire Electronics, Inc., 7	62 White St, Red Bank	NJ
Benrus Watch Co. Inc., 3-6-7	30 Cherry Ave, Waterbury	Conn
Bogen Labs., Inc., 11	60 Spruce St, Paterson	NJ
Bogen-Presto Div, Siegler Corp., 1-2-3-4-7-8-9 10-11	Box 500, Paramus	NJ
Boulevard Electronics Inc., 1-8-9-11	4757 N Ravenswood Ave. Chicago 40	Ill
Braun, Max, 2	22 Russelsheimerstr. Frankfurt/Main	Ger
Browning Labs., Inc., 1	100 Union Ave, Laconia	NH
Bruel & Kjaer, 1	Lindevej 23, Naerum	Denmark
Bruno-New York Industries Corp., 12	460 W. 34 St, New York 1	NY
BULOVA WATCH CO. INC. ELECTRONICS DIV., 7-8, Adv Pg 427	**61-10 Woodside Ave. Woodside 77**	**NY**
Burr-Brown Research Corp., 7-8	Box 6444, Tucson	Ariz
CES Electronic Products, 1-6	Box 7504, San Diego 7	Cal
CG Electronics Corp., 7	1500 Central E., Albuquerque	NM
Calbest Electronics Co., 1-8-9-11	4801 Exposition Blvd. Los Angeles 16	Cal
Canadian Aviation Electronics Ltd., 7-8	Box 2030, Montreal 9	P.Q.
Capehart Corp., 1-8-9-12	87-46 123rd St. Richmond Hill 18	NY
Carruthers & Fernandez, Inc	1501 Colorado Ave, Santa Monica	Cal
Central Electronics, Inc., 3	1247 W. Belmont Ave, Chicago 13	Ill
CENTRALAB ELECTRONICS, DIV. GLOBE-UNION, INC., 12, Adv. Pgs. 376, 377	**914Y E Keefe Ave. Milwaukee 1**	**Wis**
Centronix, Inc., 3	4000 N.W. 28th St, Miami 42	Fla
Chance Vought Corp. Vought Electronics Div., 1-2-3-6-7-8-12	Box 1500, Arlington	Tex
Channel Master Co., 1-11	Ellenville	NY
Chisholm Industries, Ltd., 7-8-9-11	Electronic St, Port Moody, B.C. Canada	
Cinga Laboratories, 1	Rt. 53, Mt. Tabor	NJ
Cleveland Metal Specialties Co., 12	1783 East 21st St, Cleveland 14	Ohio
Cliff-Electronics Co., 1-5	2939-49 N. 2nd St, Philadelphia 33	Pa
Collins Radio Co., 3-4-8	5200 C Ave. NE, Cedar Rapids	Iowa
Communication Equipment & Eng, 1-3-4-7-8	5548 N. Race Ave, Chicago	Ill
Communication Measurements Lab., Inc., 6-7	350 Leland Ave, Plainfield	NJ
Continental Electronics Corp., 1	302 Oakland St. Brooklyn 22	NY
Continental Manufacturing Inc., 1-11	1612 California St. Omaha	Neb
Control Technology Co., 1-3-7-8-12	1186 Broadway, New York 1	NY
Cosby Telemetrics Corp., 11	54 Kinkel St. Westbury	NY
Crown Intl. Div. Int Rad & El Corp., 8-9-10-11	Elkhart	Ind
DAVEN CO., 1-2-3-4-6-7, Adv Pg 187	**Rt. 10, Livingston**	**NJ**
Decitron Electronics Corp., 1-2-3	850 Shepherd Ave. Brooklyn 8	NY
Deeco Instruments, 3	14737 Arminta St. Van Nuys	Cal
Dorsett Electronics Corp., 1	P.O. Box 85, Rockville	Conn
Digitals, Inc., 1-7-12	8 Industry Lane, Cockeysville	Md
Donner Scientific Co., 3	888 Galindo St. Concord	Cal
Dukane Corp., 1-3-4-8	St Charles	Ill
Dynac, Inc., 1-7-8-9-11	3912 Powelton Ave, Philadelphia 4	Pa
Dynamics Instrumentation Co., 4-6	1118 Mission, S. Pasadena	Cal
EMI-Cossor Electronics Ltd., 9-10-11	Box 525 Dartmouth NS	Can
EPA Pacific, Inc., 1	1760 Stanford St. Santa Monica	Cal
Electric Switch Corp., 1-4-6-7-8-9-10-11-12	2320 S Tibbs Ave. Indianapolis 41	Ind
Electro-Mechanical Research, Inc., 4	Box 3041, Sarasota	Fla
Electrodynamic Instrument Corp., 1-6-7	1841 Old Spanish Trail, Houston 25	Tex
Electro Corp., 2	Box 5570, Dallas 22	Tex
Electron Enterprises, 1-11	1517-19-21 Stanley Ave, Berwyn	Ill
Electronic Applications Inc., 2-8-9	194 Richmond Hill Ave. Stamford	Conn
Electronic Controls Inc., 1-2	67 Southfield Ave. Stamford	Conn
ELECTRONIC INSTRUMENT CO. INC., 1-7-8-9-11, Adv Pg 396	**3300 Northern Blvd. Long Island City**	**NY**
Electronic Measurements Corp., 11	625 Broadway, New York 12	NY
Electronic Organ Arts, Inc., 5	4949 York Blvd, Los Angeles 42	Cal
Electronic Research Assoc Inc., 1	67 Factory Pl, Cedar Grove	NJ
Electronic Systems Engineering Co., 1-3-4-7-8	2338 Wilshire Blvd. Oklahoma City	Okla
ELECTROSPACE CORP., 1-2-7, Adv Pg 378	**99 E Hawthorne Ave. Valley Stream**	**NY**
Elin Div. IERC, 1-7	135 W Magnolia Blvd. Burbank	Cal
Eric Engineering Co., 1-8-9	1823 Colorado Ave, Santa Monica	Cal
Executone Inc., 1-2-3-4-7-8	415 Lexington Ave. New York 17	NY
FXR INC., 7, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Fairchild Recording Equip Co., 3-4-7-9-10-11	10-40 - 45th Ave. Long Island City 1	NY
Fanon Electronic Industries Inc., 1-4-5-7-8-9-10-11	439 Frelinghuysen Ave. Newark	NJ
Fen-Tone Corp., 1-5-8-9-10-11	106 5th Ave. New York 11	NY
Ferrodan Electronic Co. Inc., 1-7-12	693 Broadway, New York 12	NY
Fidelity Amplifier Co., 1-5-7-8-11	1633 N Halsted St. Chicago 14	Ill
Ford Instrument Co. Div. Sperry Rand Corp., 6-7	31-10 Thomson Ave. Long Island City 1	NY
FRONTIER ELECTRONICS CO., 12, Adv Pg 193	**4605 Memphis Ave. Cleveland 9**	**Ohio**
Gates Radio Co., 2-3-4-8-12	123 Hampshire St, Quincy	Ill
General Dynamics/Electronics, 1-4-7-8-9-11	1400 Carlson Rd, Rochester 3	NY
General Electronic Control, Inc., 8-9	1001 Bloomington Fwy, Mpls 20	Minn
General Instrument of Canada Ltd., 1-7-8-9-11	151 Weber St. S, Waterloo	Ont
GENERAL MAGNETICS, INC., 2-7-8-12, Adv Pg 543	**Dept B, 2641 Louisiana Ave. Mpls 26**	**Minn**
General Radio Co., 1-6-7	West Concord	Mass
Genisco, Inc., 7	2233 Federal Ave, Los Angeles 64	Cal
Globe Electronics, Div. Textron Electronics, Inc., 1-3-7	22-30 S 34th St. Council Bluffs	Iowa
Goldon Co., Inc., 6	Dept. E, 1544 W. Glenoaks, Glendale 1	Cal
Good Electronic Corp., 7-8	Box 2406, W Palm Beach	Fla
Goodmans Industries Ltd., 7	Axiom Wks. Wembley, Middlesex	Eng
Gotham Audio Corp., 1-10	2 W 46 St, New York 36	NY
Gray Mfg. Co., 1-2	Dept 67, 16 Arbor St. Hartford 1	Conn
HALLICRAFTERS CO., 1-12, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
Hamilton Standard Div. United Aircraft Corp., 7-8	Broad Brook	Conn
Harman-Kardon, Inc., 1-9-11	Ames Ct. Plainview	NY
Heath Co., A Sub of Daystrom, Inc., 1-7-8-9-11	Benton Harbor	Mich
Heiland Div. Minneapolis-Honeywell Regulator Co., 7	5200 E Evans Ave. Denver 22	Colo
HEWLETT-PACKARD CO., 1, Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
Hoffman Electronics Corp. Military Prods. Div., 1-11	3740 S Grand Ave. Los Angeles 7	Cal
HUGHEY & PHILLIPS, Inc., 3-4, Adv Pg 549	**3200 N San Fernando Blvd. Burbank**	**Cal**
I. D. E. A, Inc., 1	7900 Pendleton Pike, Indianapolis 26	Ind
ITI Electronics Inc., 1-2	369 Lexington Ave. Clifton	NJ
INDUSTRIAL TEST EQUIPMENT CO., 7, Adv Pg 422	**55 E 11th St. New York 3**	**NY**
Instrument Corp. of Florida, 1-7	Box 1226, Melbourne	Fla
Instrument Laboratories, 12	315 W Walton Pl. Chicago 10	Ill
Instrument Systems Corp., 7	129-07 18th Ave. College Point 56	NY
Intercontinental Electronics Corp., 4	300 Shames Dr. Westbury 29	NY
INTERELECTRONICS CORP., 1-2-3-4-5-6-7-8-9-10-11-12, Adv Pg 521	**2432 Grand Concourse, New York 58**	**NY**
International Crystal Mfg Co., 1	18 N Lee St. Oklahoma City	Okla
International Research Associates, 1-7-12	2221 Warwick Ave, Santa Monica	Cal
Johnson Electronics Inc., 1	Box 1675, Casselberry	Fla
K-F Products, Inc., 1	3100 E 43rd Ave. Denver 16	Colo
Kahn Research Labs, Inc., 3	81 S Bergen Pl. Freeport	NY
Kay-Townes Antenna Co., 1	1511 Dean Ave, Rome	Ga
Ketay Dept. Norden Div. United Aircraft Corp., 6	Jericho Tpk. Commack	NY
Krohn-Hite Corp., 1-7	580 Massachusetts Ave, Cambridge 39	Mass
Kurston Electronics, 1-12	702 Bay St. Staten Island	NY
Lake Mfg. Co., 1	2323 Chestnut St, Dept E, Oakland 7	Cal
Land-Air, Inc., 1-6-7-8	7444 W. Wilson Ave, Chicago 31	Ill
Leak Audio Products, 1-7-8-9-11	80 Shore Rd. Port Washington	NY
Lesa Const Elettromeccaniche SpA., 1-7-8-10-11	21 Via Bergamo, Milano	Italy
Ling Electronics Div. Ling-Temco Electronics, Inc., 7	1515 S Manchester Ave. Anaheim	Cal
Logo Electronics, Inc., 1	2171 W Washington Blvd. LA 18	Cal
Lumen, Inc., 1	Box 905, Joliet	Ill
McIntosh Laboratory, Inc., 1-4-7-9-11	2 Chambers St. Binghamton	NY
M B ELECTRONICS A DIV. OF TEXTRON ELECTRONICS INC., 1, Adv Pg 353	**Box 1825, New Haven 8**	**Conn**
M F ELECTRONICS CORP., 12, Adv Pg 363	**118 E 25th St. New York 10**	**NY**
M P Engineering Co., 1-7-8-9	Fairfield 3	Conn
Magnalectric Corp., 1-6	Box 1008, Tulsa	Okla
Magnasync Corp., 1-2-4-7-8	5546 Satsuma Ave. N Hollywood	Cal
Magnavox Co., 1-7-9-10	2131 Bueter Rd. Fort Wayne 4	Ind
Magnetico Inc., 12	6 Richter Ct. E Northport	NY
Marconi's Wireless Telegraph Co. Ltd. 1-2-3-4-8	750 Third Ave, New York 17	NY
Marquardt Corp. Pomona Div., 1-3-4-6-12	2709 N Garey Ave. Pomona	Cal
Melcor Electronics Corp., 7-12	48 Toledo St. Farmingdale	NY
Melody Master Mfg Co., 1-5	2149 Roscoe St. Chicago 18	Ill
Midwest Audio Corp., 3-4-5-7-8	3800 W North Ave. Chicago 47	Ill
Minn-Honeywell, Military Prods Gr., 1-7-8-12	2600 Ridgway Rd. Minneapolis 13	Minn
Miratel, Inc., 1	1 St. SE & Richardson, New Brighton 12	Minn
MODEL ENG. & MFG. CORP., 1-3-4-6-7, Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Molectronics Div. Motec Ind. Inc., 1-2-3-4-6-7	6344 Arizona Cir. Los Angeles 45	Cal
Moulic Specialties Co., 8-10	1007 W. Washington St, Bloomington	Ill
Mullard Equipment, Ltd., 7	Torrington Pl. London WC 1	Eng
Natel Engineering Co. Inc., 3-6	15922 Strathern St. Van Nuys	Cal
Neill Co., Inc., R.W., 1-2-3-4-6-7-8	4320 W. Montrose, Chicago 41	Ill
Nelson Instrument Co., 7	Box 68, Spring Valley	Ill
Network Industries Inc., 1-7	210-216 Orient St. Bayonne	NJ
Networks Electronic Corp., 7	14806 Oxnard St. Van Nuys	Cal
Newcomb Audio Prods. Co., 1-2-4-7-8-10-11	6824 Lexington Ave. Hollywood 38	Cal
Northeast Electronics Corp., 4	Box 425, Concord	NH
NORTHERN RADIO CO. INC., 4, Adv Pgs 137-139	**143-145 W 22 St. New York**	**NY**
Orion Electronic Corp., 1-6-7-8-9	108 Columbus Ave. Tuckahoe	NY
Ortronix, Inc., 1-2-3-4-6-7-12	Forsythe Rd. Dr. 8217, Orlando	Fla
Otarion Listener Corp., 12	Scarborough Pk. Ossining	NY
OVITRON CORP., 1-4-7, Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
Pacific Automation Products, Inc., 6-7-8	1200 Air Way, Glendale	Cal
Paine Avionics, 1	Rte 5, Box 610, Everett	Wash
Pamoflux Products Co., 7-11	4101 San Fernando Rd. Glendale	Cal
PHILBRICK RESEARCHES INC., GEORGE A., 3, Adv Pg 166	**127 Clarendon St. Boston 16**	**Mass**
Phonograph Corp. of America, 1-5-8-9-11	240A Old Country Rd. Hicksville	NY
Pilot Radio Corp., 9-11	37-06 36th St, Long Island City	NY
Pitometer Log Corp., 12	237 Lafayette St. New York 12	NY
Planetronics, Inc., 1-2	Easton	Pa
Plug-In Instruments, Inc., 1-8	1416 Lebanon Rd. Nashville 10	Tenn
Precision Electronics, Inc., 1-2-4-5-7-8-9-10-11	9101 King St, Franklin Park	Ill
Pulse Techniques Inc., 8	1411 Palisade Ave. West Englewood	NJ
Pye Telecommunications, Ltd., 1	Newmarket Rd. Cambridge	Eng
Quan-Tech Labs, Inc., 1	60 Parsippany Blvd. Boonton	NJ
Radiation Electronics Co. Div Comptometer Corp., 1-3-4-5-6-7-8	5600 W Jarvis, Chicago 48	Ill
Radiation Technology, Inc., 1	657 Antone St. NW Atlanta 18	Ga
Radio Dev. & Research Corp., 7	100 Penna. Ave. Paterson 3	NJ
Radio Frequency Labs Inc., 7	Boonton 2	NJ
Radiometer, 8	72 Emdrupvej, Copenhagen NV 1, Denmark	
Rank Cintel Ltd., 1-2-3-4-7-8-10	Worsley Bridge Rd, London S.E. 26, England	
Rauland-Borg Corp., 1-7-8-11	3535 W Addison St. Chicago 18	Ill
Rediffon, Ltd., 2-3-4	Broomhill Rd, Wandsworth, London SW 18	England
Republic Electronic Industries Corp., 1-8	111 Gazza Blvd. Farmingdale	NY
Resdon Electronics Corp., 1	151 Blue Hill Rd. Waltham 54	Mass
RIXON ELECTRONICS INC., 4, Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
Roanwell Corp., 12	180 Varick St. New York 14	NY
Rotary Devices Corp., 5	30 Jay St. Englewood	NJ
Rowe Industries, 5	1702 Wayne St, Toledo 9	Ohio
Ryan Electronics Div. Ryan Aero. Co., 8	5650 Kearny Mesa Rd. San Diego 12	Cal
Sargent & Greenleaf Inc., 1-12	24 Seneca Ave. Rochester	NY
Sargent-Rayment Co., 1-7-9-11	462 Hester Ave. San Leandro	Cal
Sarkes Tarzian Inc. Broadcast Equip Div., 2-3-8-9-11	E Hillside Dr. Bloomington	Ind
Schober-Organ Corp., 5	43 W 61 St. New York 23	NY
Scott Inc., H. H., 1-8-9-11	111 Powder Mill Rd. Maynard	Mass
Secode Corp., 4	555 Minnesota St. San Francisco 7	Cal
SEG ELECTRONICS CO. INC., 1, Adv Pg 529	**12 Hinsdale St. Brooklyn 7**	**NY**
Seiscor Div. Seismograph Service Corp., 1	6200 E 41 St. Tulsa	Okla
SERVO CORP OF AMERICA, 6-7, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Servomechanisms/Inc., 7	200 N Aviation Blvd. El Segundo	Cal
Setchell-Carlson, Inc., 11	New Brighton, St Paul 12	Minn
Sherwood Electronic Labs. Inc., 1-11	4300 N California Ave. Chicago 18	Ill
SHINWA TSUSHINKI, K. K., 1, Adv Pg 260	**943, 4-chome Shimotakaido, Suginami-ku Tokyo**	**Jap**
Shure Brothers Inc., 2-9	222 Hartrey Ave. Evanston	Ill
SIERRA ELECTRONIC CORP., 7 Adv Pgs 128, 129	**3885 Bohannon Dr. Menlo Park**	**Cal**
Smith-Florence, Inc., 8	4228 23rd W., Seattle	Wash
SONEX INC., 1, Adv Pg 530	**20 E Herman St. Philadelphia 44**	**Pa**
Sorensen Industrial Electronic Co., 8-12	Route 10, Dover	NJ
Sound Projects Co. Div. LeClair, 1-5-11	2410 S Central Ave. Cicero 50	Ill
Space Electronics Corp., 1	930 Air Way, Glendale 1	Cal
Sparton Corp., 1-2-7-8	2400 E Ganson St. Jackson	Mich
Spectra Electronics Co., 1-3-6-12	250 E. 3rd St, Mt. Vernon	NY
SPENCER-KENNEDY LABS. INC., 8, Adv Pg 495	**1318 Soldiers Field Rd. Boston 35**	**Mass**
Sprague Engineering Corp., 7	19300 S. Vermont Ave, Gardena	Cal
Stancil-Hoffman Corp., 2-3-4-10	845 N Highland Ave. Hollywood 38	Cal
Standard Electronics Div Reeves Instrument Corp., 3-4	Lakewood Rd. Farmingdale	NJ
Standard Tel. & Cables Ltd., 1-2-7-8-10	29 Glasshouse Yard, London	Eng
Sterling Instrument Div., 1	17 Matinecock Ave. Port Washington	NY
Stirrup, Inc., 1	50 Silver St. Middletown	Conn
Taber Instrument Corp., 1-6-7-8-12	107 Goundry St, North Tonawanda	NY
Taffett Electronics Inc., 1	2705 Bklyn-Qns Exp W, Woodside 77	NY
Tannoy (America) Ltd., 1	Box 177, East Norwich	NY
Tarc Electronics Div. Gotham Bdcstg Corp., 4-6	48 Urban Ave. Westbury	NY
TECHNICAL MATERIEL CORP., 7, Adv Pg 346	**700 Fenimore Rd. Mamaroneck**	**NY**
TECHNOLOGY INSTRUMENT CORP OF ACTON, 7, Adv Pgs 84, 85	**536 Main St. Acton**	**Mass**
Telecom, Inc., 2	1019 Admiral Blvd, Kansas City	Mo
Telectro Industries Corp., 1-2-4-5-7-8-9-10-11-12	35-16 - 37th St. Long Island City 1	NY
Telephonics Corp., 1-8-12	Park Ave. Huntington	NY
Teltronics Inc., 1-6	277 Main St. Nashua	NH
TOKYO DENKI SEIKI CO. LTD., 6, Adv Pg 264	**11 2-chome, Nakamachi, Kanda, Chiyoda-ku, Tokyo**	**Jap**
Topp Industries, Inc., 7	5221 W. 102 St, Los Angeles 45	Cal
Topper Mfg Co. Inc., 12	89-55 Parsons Blvd. Jamaica 32	NY
Translite Electronics Corp., 11	5720 W Armitage Ave. Chicago 39	Ill
Trans-Tel Corp., 1	910 N. Orange Dr, Los Angeles 38	Cal
Trott Electronics, Inc., 1	412 Smith St, Rochester 6	NY
Trutone Electronics, Inc., 1-8-11	6912 Santa Monica Blvd. Hollywood 38	Cal
U.S. Recording Co., 1-2-3-7-8-10	1345 Capitol St, Washington	DC
Unitized Electronics, Inc., 2	4791 Memphis Ave, Cleveland	Ohio
Univox Corp., 7	102 Warren St. New York 7	NY
V-M Corp., 1-11	305 Territorial Rd. Benton Harbor	Mich
Valco Mfg. Co., 5	4700 W. Walton St, Chicago 51	Ill
Venner Electronics, Ltd., 1	Kingston By-Pass, New Malden	Eng
Vickers Inc. Electric Products Div., 1-3-7-8	1899 Locust St. St Louis 3	Mo
Vinco Electronics Corp., 1-4-5-7	65 Wallace St. New Haven 11	Conn
Virginia Electronics Co., Inc., 1-2	5225 River Rd. Washington 16	DC
Webster Electric Co., 1-2-3-4-7-8-9-10-11	1900 Clark St. Racine	Wis
Wells Electronics Co., 6	1701 S Main St. South Bend 23	Ind
Wells Industries Corp., 4	6880 Troost Ave. Hollywood	Cal
Western Design & Electronics, 8-12	Santa Barbara Airport, Goleta	Cal
Western Electro-Acoustic Lab., 1	11707 San Vicente Blvd, Los Angeles	Cal
Westinghouse-Electronics Div., 7	Baltimore	Md
Westinghouse-TV Radio Div., 1	Metuchen	NJ
Westrex Corp. Div. Litton Industries, 3-8-9-10-11	540 W 58th St. New York 19	NY
WHEELER ELECTRONIC CORP. SUB. SPERRY RAND CORP., 1-4-7-12, Adv Pg 498	**150 E Aurora St. Waterbury 20**	**Conn**
WHITE INSTRUMENT LABORATORIES, 6, Adv Pg 478	**Box 9006, Allandale Sta. Austin 17**	**Tex**
Whitehall Electronics Corp., 7	1645 Hennepin Ave. Mnpls 3	Minn
Wickes Engineering & Construction Co., 1-4	12th St. & Ferry Ave. Camden 4	NJ
Winder Aircraft Corp., 1	Dunnellon Air Base, Dunnellon	Fla
Wintronics, 1-5-12	213 S Hawthorne Blvd. Hawthorne	Cal
Woodland Electronics Co. Inc., 7	503 McCarter Hwy. Newark 2	NJ
Wurlitzer Co., 1-4-5-11	North Tonawanda	NY
Zacharias Electronics Corp., 1-8-12	Box 246, Whippany	NJ

AMPLIFIERS – *COMPUTER*

1. DIFFERENTIATING
2. INTEGRATING
3. INVERTING
4. LIMITING
5. LINEAR
6. LOGARITHMIC
7. OPERATIONAL
8. STABILIZING
9. SUMMING

Adage, Inc., 1-2-3-4-5-6-7-8-9	292 Main St. Cambridge 42	Mass
Aerotronic Associates Inc., 4	Box 367, Contoocook	NH
AIRPAX ELECTRONICS INC. SEMINOLE DIV., 1-2-5-9, Adv Pg 106	**Fort Lauderdale**	**Fla**
Airtronics, Inc., 1-2-3-4-5-6-7-8-9	5522 Dorsey Ln, Washington 16	DC
Airtronics International Corp., 3-7	Box 8576, Fort Lauderdale	Fla
Allegany Instrument Co. Div. Textron Electronics, Inc., 1-2	1091 Wills Mountain, Cumberland	Md
American Tradair Corp., Sub of Ekco Electronics, Ltd., 5	34-01 38 St, Long Island City 6	NY
ANDERSEN LABS. INC., 2, Adv Pg 426	**501 New Park Ave. W Hartford**	**Conn**
Antennavision Inc., 5	Box 11326, Phoenix	Ariz
Applied Control Corp., 3-7-9	1000 Main St. Hackensack	NJ
Applied Dynamics, Inc., 1-2-3-5-7-8-9	Box 612, Ann Arbor	Mich
APPLIED ELECTRONICS CORP. OF NJ, 6-7-8-9, Adv Pg 518	**22 Center St. Metuchen**	**NJ**
Armstrong Whitworth Equipment, 1	Hucclecote, Gloucester	Eng
Atchley Div., Raymond, 7	2339 Cotner Ave. Los Angeles 64	Cal
Audio Instrument Co. Inc., 6	135 W 14 St. New York 11	NY
B & K Instruments Inc of Bruel & Kjaer, 5	3044 W 106th St. Cleveland 11	Ohio

Barker & Williamson Inc., 5	Canal & Beaver Sts. Bristol	Pa
BECKMAN INSTRUMENTS INC. BERKELEY DIV., 7, Adv Pgs 162, 163	**2200 Wright Ave. Richmond**	**Cal**
Beckman Instruments, Inc. Systems Div., 1	2400 Harbor Blvd. Fullerton	Cal
Bell Aerospace Corp., 7	Box 1, Buffalo 5	NY
Bell & Gossett Co., 7	8202 N. Austin Ave, Morton Grove	Ill
Bogen-Presto Div. Siegler Corp., 4-5	Box 500, Paramus	NJ
Boonshaft & Fuchs, Inc., 7-8	Hatboro Ind Park, Hatboro	Pa
Brach Mfg. Corp., 4-5-8-9	200 Central Ave. Newark	NJ
BULOVA WATCH CO. INC. ELECTRONICS DIV., 5-6-9, Adv Pg 427	**61-10 Woodside Ave. Woodside 77**	**NY**
Burr-Brown Research Corp., 5-7-8	Box 6444, Tucson	Ariz
CES Electronic Products, 1-2-3-6-7-8	Box 7504, San Diego 7	Cal
CG Electronics Corp., 9	15000 Central E., Albuquerque	NM
California Magnetic Control Corp., 1-2-3-4-5-6-7-8-9	11922 Valerio St, North Hollywood	Cal
Canadian Aviation Electronics Ltd., 1-2-3-4-5-6-7-8-9	Box 2030, Montreal 9	P.Q.
Chance Vought Corp. Vought Electronics Div., 1-9	Box 1500, Arlington	Tex
Compu Dyne Corp., 9	400 S Warminster Rd. Hatboro	Pa
Computer Engineering Associates, 7-9	350 N Halstead, Pasadena	Cal
Computers Inc., 2-5-6-7-9	3407 S Shepherd Dr. Houston 6	Tex
Consolidated Airborne Systems, 1-2-3	900 3rd Ave. New Hyde Park	NY
Control Equipment Corp., 5	19 Kearney Rd. Needham Heights 94	Mass
Control Technology Co., 1-2-3-4-5-6-7-8-9	1186 Broadway, New York 1	NY
Data Equipment Co., 1-2-3-4-5-6-7-8-9	923 E. 3rd St, Los Angeles 13	Cal
DAVEN CO., 8-9, Adv Pg 187	**Rt. 10, Livingston**	**NJ**
Daystrom Inc. Control Systems Div., 1-2	4455 Miramar Rd. La Jolla	Cal
Decitron Electronics Corp., 5	850 Shephard Ave. Brooklyn 8	NY
Decker Corp., 2-7-9	45 Monument Rd. Bala Cynwyd	Pa
Digitrols, Inc., 3	8 Industry Lane, Cockeysville	Md
Djeco Div. Djordjevic Eng Co., 1-2-6-9	1933 N Damen, Chicago 47	Ill
Donner Scientific Co., 1-2-3-4-5-7-8-9	888 Galindo St, Concord	Cal
DORSETT ELECTRONICS, INC., 9, Adv Pg 299	**Box 862, Norman**	**Okla**
Dresser Electronics SIE Div., 1-7-9	10201 Westheimer Rd. Houston 42	Tex
Dynamics Instrumentation Co., 2-3-5-7-9	583 Monterey Pass Rd, Monterey Park	Cal
E-H Research Laboratories, Inc., 2	163 Adeline St. Oakland 20	Cal
EMI-Cossor Electronics Ltd., 6	Box 525 Dartmouth NS	Can
Elcor Inc., 1-2-3-5-7-9	1225 W Broad St. Falls Church	Va
Electric Switch Corp., 1-4	2320 S Tibbs Ave. Indianapolis 41	Ind
Electronic Associates Inc., 1-2-3-4-5-6-7-8-9	Long Branch	NJ
Electronic Development Corp., 1-2-3-7	423 W Broadway, Boston 27	Mass
ELECTROSPACE CORP., 1-2-3-4-5, Adv Pg 378	**99 E Hawthorne Ave. Valley Stream**	**NY**
Ensco, Inc., 7	3100 Eldredge St. Salt Lake City	Utah
Epsco Inc. Components Div., 3-7	275 Massachusetts Ave. Cambridge 39	Mass
Epsco Inc. Instruments Div., 1	275 Massachusetts Ave. Cambridge 39	Mass
Epsco Medical Div. Epsco Inc., 2	275 Mass Ave. Cambridge 39	Mass
Epsco, Inc. Systems Div., 1-3	275 Mass. Ave. Cambridge 39	Mass
Epsco-West, 3-7-9	240 E. Palais Rd, Anaheim	Cal
Feedback Controls Inc., 1-2-3-4-9	8 Erie Drive, Natick	Mass
Ferrotran Electronic Co. Inc., 5	693 Broadway, New York 12	NY
Ford Instrument Co. Div. Sperry Rand Corp., 1-2-3-4-5-6-7-8-9	31-10 Thomson Ave. Long Island City 1	NY
Foxboro Co., The, 7-9	Foxboro	Mass
Franklin Electronics Inc., 5	E 4th St. Bridgeport	Pa
Franklin Systems, Inc., 5-6	Box 3250, W Palm Beach	Fla
GPE Controls, Inc., 4-9	240 E. Ontario St, Chicago 11	Ill
Gates Radio Co., 4-5	123 Hampshire St. Quincy	Ill
GENERAL APPLIED SCIENCE LABS. INC., 7, Adv Pg 525	**Merrick & Stewart Aves. Westbury**	**NY**
General Computers Inc., 1-2-3-4-5-6-7-8-9	9000 W Pico Blvd. Los Angeles 35	Cal
General Dynamics/Electronics, 5	100 Carlson Rd. Rochester 3	NY
GENERAL MAGNETICS, INC., 3, Adv Pg 543	**Dept B, 2641 Louisiana Ave. Mapls 26**	**Minn**
General Radio Co., 5-6	West Concord	Mass
Geotronic Labs. Inc., 7-8-9	1314 Cedar Hill Ave. Dallas 8	Tex
Gilfillan Bros. Inc., 1-2-7-8-9	1815 Venice Blvd. Los Angeles 6	Cal
Good Electronic Corp., 1-2-3-4-5-6-7-8-9	P.O. Box 2406, W. Palm Beach	Fla
Goodmans Industries Ltd., Axiom Works, 2	Wembley, Middlesex, England	
Hagan Chemicals & Controls Inc., 1-2-3-4-5-7	Hagan Center, Pittsburgh 30	Pa
Halex, Inc., 1-2-5-6-7-9	310 E. Imperial Hwy, El Segundo	Cal
Hamner Electronics Co. Inc., 5	Box 531, Princeton	NJ
HARREL INC., 2-9, Adv Pg 332	**1788 1st Ave. New York 28**	**NY**
Heiland Div., Minneapolis-Honeywell, 2-5	5200 E. Evans Ave, Denver 22	Colo
Huyck Systems Co., 1-7	360 Wolf Hill Rd. Huntington Sta	NY
Industrial Control Co., 1-2-3-4-5-6	Central Ave. at Pinelawn, Farmingdale	NY
Instrument Corp. of Florida, 1-2-3-4-5-6-7-8-9	Box 1226, Melbourne	Fla
Intectron Inc., 2-7-8-9	2300 Washington St. Newton Lower Falls	Mass
INTERELECTRONICS CORP., 1-2-3-4-5-6, Adv Pg 521	**2432 Grand Concourse, New York 58**	**NY**
Jarrell-Ash Co., 2	26 Farwell St. Newtonville	Mass
Kearfott? Dept. Norden Div. United Aircraft Corp., 2-3-7-9	Jericho Tnpk. Commack	NY
Lear Inc., 1-2-3-4-5-6-7-8-9	3171 S Bundy Dr. Santa Monica	Cal
Link Div. Gen. Precision Inc., 7-9	Binghamton	NY
Magnavox Co., 7-9	2131 Bueter Rd. Fort Wayne 4	Ind
MAGNETIC AMPLIFIERS DIV. SIEGLER CORP., 1-3, Adv Pg 295	**632 Tinton Ave. New York 55**	**NY**
Marquardt Corp., Pomona Div., 1-2-3-4-5-6-7-8-9	2709 N. Garey Ave, Pomona	Cal
Melcor Electronics Corp., 1-2-3-4-5-6-7-9	48 Toledo St. Farmingdale	NY
Micro One Products, Inc., 1-2-7-9	6319 W Slauson Ave. Culver City	Cal
Micrometrical Mfg Co., 2	Box 1067, Ann Arbor	Mich
Mini-Rad, Inc., 1-2-3-4-5-6-7-8-9	7416-E Varna Ave, N. Hollywood	Cal
Missouri Research Labs., Inc., 1	2109 Locust St, St. Louis 3	Mo
MODEL ENG. & MFG. CORP., 1-2-3-4-5-6-7-9, Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Molectronics Div. Motec Ind. Inc., 1-2-3-4-5-8-9	6344 Arizona Cir. Los Angeles 45	Cal
Natel Engineering Co. Inc., 1-6	15922 Strathern St. Van Nuys	Cal
NAVIGATION COMPUTER CORP., 3, Adv Pg 511	**Valley Forge Ind Park, Norristown**	**Pa**
Network Designers Inc., 3-9	38 E 57th St. New York 22	NY
Norbatrol Electronics Corp., 1-9	356 Collins Ave. Pittsburgh 6	Pa
Orion Electronic Corp., 1	108 Columbus Ave. Tuckahoe	NY
Ortronix, Inc., 1-2-3-4-5-6-7-8-9	Forsythe Rd. Dr. 8217, Orlando	Fla
Otis Elevator Co. Def. & Ind. Prod. Div., 1-2-3-4-5-6-7-8-9	35 Ryerson St. Brooklyn	NY
Packard Bell Computer Corp., 1-7	1905 Armacost Ave. Los Angeles 25	Cal
Paine Avionics, 2	Rte 5, Box 610, Everett	Wash
PHILBRICK RESEARCHES INC., GEORGE A., 1-2-3-4-5-7-8-9, Adv Pg 166	**127 Clarendon St. Boston 16**	**Mass**
Phoenix Precision Instrument Co., 5-6	3805 N 5th St. Philadelphia	Pa
Photron Instrument Co., 7-8	6516 Detroit Ave, Cleveland 2	Ohio
Planetronics, Inc., 5-6	Easton	Pa
Plug-In Instruments, Inc., 1-2-3-5	1416 Lebanon Rd. Nashville 10	Tenn
Power - Tronic Systems, Inc., 1-2-3-4-5-7-8-9	10-12 Pine Ct. New Rochelle	NY
Radiation Electronics Co. Div Comptometer Corp., 5-9	5600 W Jarvis, Chicago 48	Ill
Radiation Instrument Devel Labs Inc., 5	61 E North Ave. Northlake	Ill
Radiation Technology, Inc., 5	657 Antoine St. NW Atlanta 18	Ga
Reeves Instrument Corp., 2-3-4-5-7-9	Roosevelt Field, Garden City	NY
Ridgefield Instrument Group, Schlumberger Corp., 7	Box 337, Ridgefield	Conn
San Diego Scientific Corp., 1-2-3-4-5-7-9	3434 Midway Dr, San Diego 10	Cal
SERVO CORP OF AMERICA, 6-9, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Servomechanisms/Inc., 1-2-5-6-9	200 N Aviation Blvd. El Segundo	Cal
Servomex Controls Ltd., 7	Crowborough, Sussex, England	
Servonics, Inc., 1-2-3-5-7-9	822 N. Henry St, Alexandria	Va
Smith-Florence, Inc., 5	4228 23rd W. Seattle	Wash
Solartron, Inc., 1-2-3-5-6-7-9	1742 S. Zeyn St. Anaheim	Cal
Sparton Corp., 1-2-3-4-5-6-7-8-9	2400 E Ganson St. Jackson	Mich
Spectra Electronics Co., 1-2-3-4-5-6-7-8-9	250 E. 3rd St, Mt. Vernon	NY
Standard Electronics Div Reeves Instrument Corp., 4-5-8	Lakewood Rd. Farmingdale	NJ
Stony Brook Labs., 1-2-3-4-5-6-7-8-9	55 State Rd. Princeton	NJ
Taber Instrument Corp., 1-2-5-7-9	107 Goundry St, North Tonawanda	NY
Tarc Electronics Div. Gotham Bdcstg Corp., 8	48 Urban Ave. Westbury	NY
Technical Measurement Corp., 5	441 Washington Ave, North Haven	Conn
Telectro Industries Corp., 5	35-16 - 37th St. Long Island City 1	NY
Tenlo Research Corp., 7	9424 Lyndale Ave S., Minneapolis 20	Minn
Thermo Electric Co. Inc., 1-7	109 5th St. Saddle Brook	NJ
Topp Industries, Inc., 1-2-4-9	5221 W. 102 St, Los Angeles 45	Cal
TOROTEL INC., 1-2-5-7-9, Adv Pg 496	**5512 E 110th St. Kansas City 37**	**Mo**
Trott Electronics, Inc., 5-6	412 Smith St, Rochester 8	NY
UNHOLTZ-DICKIE CORP., 2 Adv Pg 363	**2994 Whitney Ave. Hamden 18**	**Conn**
United Aerotronics Corp., 7	Box 239, Burlington	NJ
United Control Corp., 5-9	Overlake Ind Pk. Box 3104, Seattle	Wash
VARO, INC., 3 Adv Pg 118	**2201 Walnut St. Garland**	**Tex**
Vickers Inc. Electric Prods Div., 1-2-4-5-6-7-8	1899 Locust St. St Louis 3	Mo
Wells Industries Corp., 5	6880 Troost Ave. Hollywood	Cal
Westinghouse-Electronics Div., 5	Baltimore	Md
WHITE INSTRUMENT LABORATORIES, 7, Adv Pg 470	**Box 9006, Allandale Sta. Austin 17**	**Tex**
Zacharias Electronics Corp., 5	Box 246, Whippany	NJ

AMPLIFIERS – D-C

1. ELECTROMECHANICAL CHOPPER	*5. VACUUM TUBE*
2. GALVANOMETER, PHOTO-ELECTRIC & OPTICAL	*6. WIDEBAND*
3. MAGNETIC AMPLIFIER	*7. 0-5 CPS*
4. TRANSISTOR & DIODE	*8. 0-150 CPS*
	9. 0-3,000 CPS

See Also AMPLIFIERS – COMPUTER: AMPLIFIERS – INSTRUMENTATION: AMPLIFIERS – MAGNETIC: AMPLIFIERS – MEDICAL

AC Electronics, Inc., 3	11725 Mississippi Ave. Los Angeles 25	Cal
ACDC ELECTRONICS, INC., 3, Adv Pg 182	**2979 N Ontario St. Burbank**	**Cal**
A. O. I. P., 2-5	23 Pl. Jeanne d'Arc, Paris 13	Fr
A R & D A, 3-4-5-7-8-9	135 Main St. Belleville 9	NJ
ACROMAG, INC., 3, Adv Pg 234	**22515 Telegraph Rd. Southfield**	**Mich**
Adage, Inc., 4-6	292 Main St, Cambridge	Mass
ADVANCED ELECTRONICS CORP., 4-7, Adv Pg 404	**2 Commercial St. Hicksville**	**NY**
Aeroflex Corp., 4	48-25 36th St. Long Island City	NY
Aer[illegible] Development Co., 4	330 N. Holly St, Pasadena	Cal
Aerotronic Associates Inc., 1-4	Box 367, Contoocook	NH
Aetna Electronics Corp., 9	Readington Rd. North Branch	NJ
Aimec Ltd., 1	High Wycombe, Buckinghamshire, England	
AIRPAX ELECTRONICS INC. CAMBRIDGE DIV., 1, Adv Pg 106	**Cambridge**	**Md**
AIRPAX ELECTRONICS INC. SEMINOLE DIV., 3-7-8, Adv Pg 106	**Fort Lauderdale**	**Fla**
Airtronics International Corp., 4	Box 8576, Fort Lauderdale	Fla
ALDEN ELECTRONIC & IMPULSE RECORDING EQUIP CO., 8, Adv Pg 358	**P.O. Box 125, Westboro**	**Mass**
Allegany Instrument Co. Div. Textron Electronics, Inc., 1-2-9	1091 Wills Mountain, Cumberland	Md
Altec Lansing Corp., 4-5	1515 S Manchester Ave. Anaheim	Cal
AMERICAN ELECTRONIC LABS. INC., 5, Adv Pg 362	**121 N 7th St. Philadelphia 6**	**Pa**
American Electronics Inc. Precision Power Div., 3	1598 E Ross Ave. Fullerton	Cal
Amer-Monarch Corp. Amer. Elec. Div., 4	2801 37th Ave. NE, Minneapolis 18	Minn
American Rectifier Corp., 3	95 Lafayette St. New York 13	NY
American Research & Mfg. Corp., 3-4-8-9	920 Halpine Ave. Rockville	Md
American-Standard, Controls Div., 3	5900 Trumbull, Detroit 8	Mich
Amplifier Corp of America, 4	398 Broadway, New York 13	NY
Analab Instrument Corp., 6-7-8-9	30 Canfield Rd. Cedar Grove	NJ
ANDERSEN LABS. INC., 3-4, Adv Pg 426	**501 New Park Ave. W Hartford**	**Conn**
Applied Control Corp., 4-7-8-9	1000 Main St. Hackensack	NJ
Applied Dynamics, Inc., 1-5-6-7-8-9	Box 612, Ann Arbor	Mich
APPLIED ELECTRONICS CORP. OF NJ, 1-3-4-6-7-8-9, Adv Pg 518	**22 Center St. Metuchen**	**NJ**
Applied Technology, Inc., 4-9	930 Industrial Ave. Palo Alto	Cal
Armstrong Whitworth Equipment, 1-4-9	Hucclecote, Gloucester	Eng
Arnoux Corp., 3-4	11924 W. Washington Blvd, L.A. 66	Cal
Ascop Div of Electro-Mechanical Research, Inc., 1-5-6	Box 44, Princeton	NJ
Atchley Div., Raymond, 1-2-5	2339 Cotner Ave. Los Angeles 64	Cal
Atlas Coil Inc., 3	63 Main St. Ansonia	Conn
Atlas Controls Inc., 3-7	Dept. EM, 9 Erie Dr. Natick	Mass
ATLAS ENGINEERING CO. INC., 3, Adv Pg 108	**10 Cheney St. Roxbury**	**Mass**
Avien, Inc., 1-3-4-9	58-15 Northern Blvd. Woodside 77	NY
AVNET INSTRUMENT CORP., 5, Adv Pgs 331, 364	**70 State St. Westbury**	**NY**
Baird-Atomic Inc., 4-6	33 University Rd. Cambridge 38	Mass
Barker & Williamson Inc., 8-9	Canal & Beaver Sts. Bristol	Pa
Basler Electric Co. Magnetic Components, 3	Box 269, Highland	Ill
Basler Electric Co. Systems Sales, 3-4	Box 269, Highland	Ill
BECKMAN INSTRUMENTS INC. BERKELEY DIV., 1-5-6, Adv Pgs 162, 163	**2200 Wright Ave. Richmond**	**Cal**
Beckman Instruments, Inc. Systems Div., 4	2400 Harbor Blvd. Fullerton	Cal
Benrus Watch Co. Inc., 3-4	30 Cherry Ave. Waterbury	Conn
Bergen Labs. Inc., 4	60 Spruce St. Paterson 1	NJ
Beva Electronics Inc., 6	185 4th St. Trenton 8	NJ
Biddle Co., James G., 2	1316 Arch St. Philadelphia 7	Pa
Bogue Electric Mfg. Co., 3	52 Iowa Ave, Paterson 3	NJ
Boonshaft & Fuchs, Inc., 4-5-6	Hatboro Ind Park, Hatboro	Pa
Brach Mfg. Corp., 3-4-7	200 Central Ave. Newark	NJ
Bristol Co., 1	Box 1790 EBG, Waterbury 20	Conn
Bruno-New York Industries Corp., 4	460 W. 34 St, New York 1	NY
BRUSH INSTRUMENTS DIV. CLEVITE CORP., 1-2-4-5, Adv Pgs 144, 145	**37th & Perkins, Cleveland 14**	**Ohio**
Budd Electronics Inc., 4-6	43-22 Queen St. Long Island City	NY
BULOVA WATCH CO. INC. ELECTRONICS DIV., 4-7-8-9, Adv Pg 427	**61-10 Woodside Ave. Woodside 77**	**NY**
Bundy Electronics Corp., 3-7	173 Fabyan Pl, Newark	NJ
Burr-Brown Research Corp., 4-6	Box 6444, Tucson	Ariz
Bush Transformer Corp., 3	707 North St, Endicott	NY
CES Electronic Products, 1-4-6-7	Box 7504, San Diego 7	Cal
CG Electronics Corp., 1-4	15000 Central E., Albuquerque	NM
California Magnetic Control Corp	11922 Valerio St, North Hollywood	Cal
Calmag Div. Calif. Magnetic Con. Corps., 3	11922 Valerio St. N Hollywood	Cal
Canadian Aviation Electronics Ltd., 5-6	Box 2030, Montreal 9	P.Q.
Canadian Marconi Co., 4-5-6	2444 Trenton Ave. Montreal	Que
Canadian Research Institute, 2-5	85 Curlew Dr. Don Mills	Ont
CELCO CONSTANTINE ENGRG LABS CO., 3, Adv Pg 45	**Box 555, Mahwah**	**NJ**
Central Dynamics Ltd., 2-4-6	147 Hymus Blvd. Pte. Claire, Que	Can
Central Transformer Co., 3	900 W Jackson Blvd. Chicago	Ill
Centronix, Inc., 2	4000 N.W. 28th St, Miami 42	Fla
Chance Vought Corp. Vought Electronics Div., 3-4	Box 1500, Arlington	Tex
Coil Co. of America Inc., 3	220 Washington St. Northvale	NJ
Coldstream Engineering Co., 3-7-8	Box 9099, Riverside, Kansas City 50	Mo
Collins Electronics, Inc., 1	Stevensville	Md
Components Corp., 3	2855 N Halsted St. Chicago 14	Ill
Computer Engineering Associates, 1-6	350 N Halstead, Pasadena	Cal
Computers Inc., 3	3407 S Shepherd Dr. Houston 6	Tex
Consolidated Airborne Systems, 1-5	900 3rd Ave. New Hyde Park	NY
Control Data Corp., Cedar Engr. Div., 3	501 Park Ave, Minneapolis 15	Minn
Control Technology Co., 1-3-4-5-6-7-8-9	1186 Broadway, New York 1	NY
Controlmag Labs., 3-4-5-7	2450 Susquehanna, Roslyn	Pa
Cook Electric Co., 1-3	2700 Southport Ave. Chicago 14	Ill
Cornwell Electronics Corp., 3	84 S. Water St, Byram	Conn
Crestmont Electronics, 4	2201 W Burbank Blvd, Burbank	Cal
CUBIC CORP., 4-6, Adv Pgs 329, 330	**5575 Kearny Villa Rd. San Diego 11**	**Cal**
CURTISS-WRIGHT CORP. PRINCETON DIV., 2-4, Adv Pgs 382, 426, 494	**Princeton**	**NJ**
DAVEN CO., 5-6-7-8-9, Adv Pg 187	**Rt. 10, Livingston**	**NJ**
Daystrom, Inc., Control Systems Div., 4	4455 Miramar Rd, La Jolla	Cal
Decker Corp., 2-4-5-6	45 Monument Rd. Bala Cynwyd	Pa
Deeco Instruments, 3	14737 Arminta St. Van Nuys	Cal
Deltex Electronic Div. Delta Explor. Co. Inc., 1	Drawer 2666, Jackson	Miss
Deltron Co., 3	14736 Arminta St. Van Nuys	Cal
Denson Electronics Corp., 4	Box 85, Rockville	Conn
Di/An Controls, Inc., 3	944 Dorchester Ave. Boston	Mass
DIETZ DESIGN, INC., 3, Adv Pg 226	**Grandview 6**	**Mo**
Digitrols, Inc., 3	8 Industry Lane, Cockeysville	Md
Djeco Div. Djordjevic Eng. Co., 3	1933 N Damen, Chicago 47	Ill
Donner Scientific Co., 1-4-5-6-7-8-9	888 Galindo St, Concord	Cal
DORSETT ELECTRONICS, INC., 1, Adv Pg 299	**Box 862, Norman**	**Okla**
Dresser Electronics, HST Div., 1-3	555 N 5th St. Garland	Tex
Dresser Electronics SIE Div., 1-3-4-5-6-7-8-9	10201 Westheimer Rd. Houston 42	Tex
Dynamics Instrumentation Co., 1-2-4-5	583 Monterey Pass Rd. Monterey Park	Cal
ERA Pacific, Inc., 3-4	1760 Stanford St. Santa Monica	Cal
Elcor Inc., 1-5-6-7-8-9	1225 W Broad St. Falls Church	Va
Electric Regulator Corp., 3-7	Pearl St, Norwalk	Conn
Electric Switch Corp., 4	2320 S Tibbs Ave. Indianapolis 41	Ind
Electro Instruments, Inc., 1-2-4-6-7-8-9	8611 Balboa Ave, San Diego 11	Cal
Electro-Mechanical Research, Inc., 1-5-6	Box 3041, Sarasota	Fla
Electrodynamic Instrument Corp., 2-4-5-6-7-8-9	1841 Old Spanish Trail, Houston 25	Tex
Electronic Development Corp., 1-7-8-9	423 W Broadway, Boston 27	Mass
Electronic Research Assoc, Inc., 3-4	67 Factory Pl, Cedar Grove	NJ
Electronic Specialty Co., 4-5-6-7-8	5121 San Fernando Rd. Los Angeles 39	Cal
Engineered Magnetics Div., Gulton, 3-4	13041 Cerise Ave, Hawthorne	Cal
Ensco, Inc., 9	3100 Eldredge St. Salt Lake City	Utah
Epsco Inc. Components Div., 3-4	275 Massachusetts Ave. Cambridge 39	Mass
Epsco Inc. Instruments Div., 6	275 Massachusetts Ave. Cambridge 39	Mass
Epsco, Inc. Systems Div., 4	275 Mass. Ave. Cambridge 39	Mass
Epsco Medical Div. Epsco Inc., 1-4-7-8	275 Mass Ave. Cambridge 39	Mass
Epsco-West, 6	240 E. Palais Rd, Anaheim	Cal
Eric Engineering Co., 3	1823 Colorado Ave, Santa Monica	Cal
Evershed & Vignoles Ltd., 2-4	Chiswick, London W 4	Eng
Fanon Electronics Industries Inc., 4	439 Frelinghuysen Ave. Newark	NJ
Feedback Controls Inc., 1-3	8 Erie Drive, Natick	Mass
Ferrotran Electronic Co. Inc., 4	693 Broadway, New York 12	NY
Fidelity Amplifier Co., 4	1633 N Halsted St. Chicago 14	Ill
Fidelity Instrument Corp., 3	1000 E. Boundary Ave, York	Pa
Ford Instrument Co. Div. Sperry Rand Corp., 4	31-10 Thomson Ave. Long Island City 1	NY
Fork Standards Inc., 1	1915 N Harlem Ave. Chicago 35	Ill
Franklin Electronics Inc., 1	E 4th St. Bridgeport	Pa
G-M LABORATORIES INC., 2, Adv Pg 531	**4336 N Knox Ave. Chicago 41**	**Ill**
GENERAL APPLIED SCIENCE LABS. INC., 6, Adv Pg 525	**Merrick & Stewart Aves. Westbury**	**NY**
General Computers Inc., 1-5-6	9000 W Pico Blvd. Los Angeles 35	Cal
GENERAL DEVICES INC., 4-7-8-9, Adv Pg 518	**Box 253, Princeton**	**NJ**
General Dynamics/Electronics, 6	100 Carlson Rd. Rochester 3	NY
General Dynamics/Electronics, Info Tech Div., 4-5	1895 Hancock St. San Diego 12	Cal
GENERAL ELECTRIC CO. APPARATUS SALES, 3, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
GENERAL MAGNETICS, INC., 3-4, Adv Pg 543	**Dept B, 2641 Louisiana Ave. Mapls 26**	**Minn**
GENERAL MAGNETICS INC., 3, Adv. Pgs. 327, 328	**135 Bloomfield Ave. Bloomfield**	**NJ**
General Radio Co., 5	West Concord	Mass
Geotechnical Corp., 2-7	3401 Shiloh Rd. Garland	Tex
Geotronic Labs. Inc., 9	1314 Cedar Hill Ave. Dallas 8	Tex
Gibbs Mfg. & Research Corp., 4	454 N Main St. Janesville	Wis
Gilfillan Bros., Inc., 4	1815 Venice Blvd, Los Angeles 6	Cal
Good Electronic Corp., 2-3-4-5-6-7-8-9	Box 2406, W Palm Beach	Fla
Guildline Instruments Ltd., 2	Box 99, Smiths Falls	Ont
Gulton Industries, Inc., 3-4-5	212 Durham Ave. Metuchen	NJ

[illegible] Chemicals & Controls Inc., 1-3	[illegible] Center, Pittsburgh [illegible]	Pa
[illegible] Inc., 2-4-5-6-7-8-9	320 E Imperial Hwy. El Segundo	Cal
Hallamore Electronics Div. Siegler Corp., 5-6	714 N Brookhurst Ave. Anaheim	Cal
Hamilton Standard Div. United Aircraft Corp., 4	Broad Brook	Conn
Hunter Co., Donald C., 3	2580 K St. San Diego	Cal
HARREL INC., 3-4-7, Adv Pg 332	**1780 1st Ave. New York 28**	**NY**
Heath Co. A Sub of Daystrom, Inc., 5	Benton Harbor	Mich
Holland Div. Minneapolis-Honeywell Regulator Co., 2-4-5-8-9	1200 E Evans Ave. Denver 22	Colo
Hoeder Electronics Mfg. Corp., 3	238 Lewis St. Paterson	NJ
Hosco Engineering Co	322 E. Beach Ave, Inglewood 3	Cal
HOUSTON INSTRUMENT CORP., 1, Adv Pg 512	**Box 22234, Houston 27**	**Tex**
Hunter Mfg. Co., 2	P.O. Box 153, Coralville Br. Iowa City	Iowa
I-L-S Instrument Div., Meriam Instrument Co., 1	4525 W. 160th St. Cleveland 35	Ohio
[illegible] Co. Inc., 1	76 Coolidge Hill Rd. Watertown 72	Mass
Industrial Control Co., 1-3-4-5-7-8-9	Central at Pinelawn, Farmingdale	NY
INLAND MOTOR CORP OF VA., Adv Pg 472	**347 King St. Northampton**	**Mass**
Instrument Corp. of Florida, 4-5-6-7-8-9	Box 1226, Melbourne	Fla
INSTRUMENTS FOR INDUSTRY INC., 6, Adv Pgs 386, 387	**101 New South Rd. Hicksville**	**NY**
[illegible] Inc., 1-5	2300 Washington St. Newton Lower Falls	Mass
Intercontinental Electronics Corp., 3-4	300 Shames Dr. Westbury 29	NY
Interstate Electronics Corp., 5-6	707 E Vermont Ave. Anaheim	Cal
Jen Electronics Corp., 2	743 Circle Ave, Forest Park	Ill
Johnson Electronics Inc., 3-4	Box 1675, Casselberry	Fla
Jordan Controls Inc., 1-4	3225 W Hampton, Milwaukee 9	Wis
Jordan Electronics Div. Victoreen Ins. Co., 4	121 S Palm Ave. Alhambra	Cal
K-F Products, Inc., 1-3-4-5	3030 E 43rd Ave. Denver 16	Colo
KEARFOTT DIV. GEN PRECISION INC., 3, Adv Pg 394	**Little Falls**	**NJ**
Keithley Instruments, Inc., 1-2-4-6-7-8-9	12415 Euclid Ave. Cleveland 6	Ohio
Kolby Dept. Norden Div. United Aircraft Corp., 3	Jericho Tpke. Commack	NY
KIN TEL DIV. COHU ELECTRONICS, 1-2-6-7-8-9, Adv Pgs 244, 245, 247	**5725 Kearny Villa Rd. San Diego 12**	**Cal**
Krohn-Hite Corp., 5-6	580 Massachusetts Ave. Cambridge 39	Mass
Land-Air, Inc., 4	7444 W. Wilson Ave, Chicago 31	Ill
Leach Corp., 3	18435 Susana Rd. Compton	Cal
Lear Inc., 1-4-5-6-7-8-9	3171 S Bundy Dr. Santa Monica	Cal
Leeds & Northrup Co., 1	4970 Stenton Ave. Phila. 44	Pa
Librascope, Div. General Precision Inc., 3-4	808 Western Ave. Glendale	Cal
LING-TEMCO ELECTRONICS INC. MICROMODULAR COMPONENTS DIV., 4, Adv Pg 223	**1859 S Manchester, Anaheim**	**Cal**
Link Div. Gen. Precision Inc., 2	Binghamton	NY
Loral Electronics Corp., 1-3-4-5-6	825 Bronx River Ave. New York 72	NY
Lumen, Inc., 2-3-4-7-8-9	Box 505, Joliet	Ill
MacLaren & Co. Inc., F. B., 1	15 Stepar Pl. Huntington Station	NY
Magnecord by M. I., 3-5-7-8-9	Box 7509, Tulsa 18	Okla
MAGNETIC AMPLIFIERS DIV. SIEGLER CORP., 3-4, Adv Pg 295	**632 Tinton Ave. New York 55**	**NY**
Magnetic Circuit Elements, Inc., 3-9	3722 Park Pl, Montrose	Cal
MAGNETIC CONTROLS CO., 3 Adv Pg 47	**6329 Cambridge St. Minneapolis 16**	**Minn**
Magnetic Instrument Co., Inc., 1-[illegible]	637 Commerce St, Thornwood	NY
Magnetic Research Corp., 3-7-9	3160 W El Segundo Blvd. Hawthorne	Cal
Magnetic Specialties Inc., 3	Box 417, Trenton 3	NJ
Marquardt Corp. Pomona Div., 1-4-5-6	2709 N Garey Ave. Pomona	Cal
Martin Co., 4	Mail No. G7037, Baltimore 3	Md
MASSA DIV. COHU ELECTRONICS, INC., 1-2-4-7-8-9 Adv Pgs 442, 443	**280 Lincoln St, Hingham**	**Mass**
[illegible] Instrument Co., 4-6	1443 Northlake Way, Seattle	Wash
[illegible] Electronics Corp., 4-5	40 Toledo St. Farmingdale	NY
Mercury Transformer Corp., 3	12844 Panama St, Los Angeles 66	Cal
Micro Gee Products, Inc., 1-5-9	6319 W Slauson Ave. Culver City	Cal
Microdot, Inc., 4	220 Pasadena Ave. South Pasadena	Cal
Microdyne, Inc.	[illegible]	Ill
Microwave Instrument Corp., 3	115 Hallack St, [illegible]	Mass
Microphase Corp., 4	River Rd. Cos Cob	Conn
Midwestern Instruments, Inc., 1-2-3-5-6-7-8-9	Box 7509, Tulsa 18	Okla
Millivac Instruments Inc., 1-5	Box 997, Schenectady	NY
MINN-HONEYWELL, BOSTON DIV., 1-4-8-9, Adv Pg 67	**1400 Soldiers Field Rd. Boston 35**	**Mass**
Minn-Honeywell, Military Prods Gr., 3-4	2600 Ridgway Rd. Minneapolis 13	Minn
MODEL ENG. & MFG. CORP., 4-6, Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
[illegible] Div. [illegible] Inc., 1-3-4-5	6144 Arizona Cir. Los Angeles 45	Cal
[illegible] Engineering Co. Inc., 1-4-6-7-8-9	11422 Sherman St. Van Nuys	Cal
NAVIGATION COMPUTER CORP., 4, Adv Pg 511	**Valley Forge Ind Park, Norristown**	**Pa**
Neff Instrument Corp., 1-2-4-7-8-9	1088 E Hamilton Rd. Duarte	Cal
Nesco Instruments Inc., 1-4-5-7	611 W 17th St. Costa Mesa	Cal
Network Designers Inc., 4	38 E 57th St. New York 22	NY
Networks Electronic Corp., 3-4	14806 Oxnard St. Van Nuys	Cal
New England Transformer Co., 4	47 McGrath Hwy. Somerville	Mass
Newport Scientific Co., 1-4-5-7	828 W 17th St. Costa Mesa	Cal
NON-LINEAR SYSTEMS INC., 1, Adv Pgs 334, 335	**Box 728, Del Mar**	**Cal**
Norbatrol Electronics Corp., 3-4	356 Collins Ave, Pittsburgh 6	Pa
Norden Div. United Aircraft Corp., 1	Helen St. Norwalk	Conn
Offner Electronics Inc., 1-2-4-5-6-7-8-9	3906 River Rd. Schiller Park	Ill
Olympic Radio & TV Div. Siegler Corp., 1-4-5-6-7-8-9	34-01 38 Ave. Long Island City 1	NY
ORTHO FILTER CORP., 3, Adv Pg 286	**7 Paterson St. Paterson**	**NJ**
Ortronix, Inc., 1-4-5-6-7-8-9	Forsythe Rd. Dr. 8217, Orlando	Fla
Osborne Electronics Corp., 3	712 SE Hawthorne Blvd. Portland 14	Ore
Otis Elevator Co. Def. & Ind. Prod. Div., 4-5-6	35 Ryerson St. Brooklyn	NY
OVITRON CORP., 3-4, Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
P. R. L. Electronics Inc., 4	232 Westcott Dr. Rahway	NJ
Pacific Automation Products, Inc., 6-7-8-9	1200 Air Way, Glendale 1	Cal
Pacific Scientific Co., 4	Box 22019, Los Angeles 22	Cal
Packard Bell Computer Corp., 6	1905 Armacost Ave. Los Angeles 25	Cal
[illegible] Avionics, 4	Rte 5, Box 610, Everett	Wash
Pegasus Labs Inc., 1-4-5	3500 W 11 Mile Rd. Berkley	Mich
Penn-East Engineering Corp., 3	P.O. Box 240, Kutztown	Pa
Permaflux Products Co., 4	4101 San Fernando Rd. Glendale	Cal
PHILBRICK RESEARCHES INC., GEORGE A., 1-2-4-5-7-8-9, Adv Pg 166	**127 Clarendon St. Boston 16**	**Mass**
Phillips Electronics Mfg Co., 4-5	119 Allen Blvd. Farmingdale	NY
Phoenix Precision Instrument Co., 2	3805 N. Fifth St. Philadelphia	Pa
PHOTOCHRON INSTRUMENTS INC., 2-4, Adv Pg 516	**662 Main St. Westbury**	**NY**
Photocon Research Products, 6-9	421 N Altadena Dr. Pasadena	Cal
Photon Instrument Co., 1-2-5-6-7-8-9	6516 Detroit Ave. Cleveland 2	Ohio
Pintsch Bamag AG, 3	Postfach 11, Butzbach, Germany	
Pioneer Central Div. Bendix Corp., 1	Davenport	Iowa
Plug-In Instruments, Inc., 4-9	1416 Lebanon Rd. Nashville 10	Tenn
Power - Tronic Systems, Inc., 4-6	10-12 Pine Ct. New Rochelle	NY
Pyrometer Co. of America, Inc., 1	600 E Lincoln Hwy. Penndel	Pa
R S ELECTRONICS CORP., 4-6, Adv Pg 305	**Box 11368, Sta A, Palo Alto**	**Cal**
Radiation Technology, Inc., 4-6	657 Antone St. NW Atlanta 18	Ga
Radio Dev. & Research Corp., 1-3-4	100 Penna. Ave. Paterson 3	NJ
Radio Frequency Labs Inc., 9	Boonton 2	NJ
Reeves Instrument Corp., 1-4-6-9	Roosevelt Field, Garden City	NY
Regulators, Inc., 3	455 W Main St. Wyckoff	NJ
Ridgefield Instrument Group, Schlumberger Corp., 1-4	Box 337, Ridgefield	Conn
Rotek Instrument Corp., 4-6	733 Concord Ave. Cambridge 38	Mass
Rustrak Instrument Co., 1	130 Silver St. Manchester	NH
Rytron Co., Inc., 3	7301 Lankershim Blvd, North Hollywood	Cal
San Diego Scientific Corp., 2-3-6-9	3434 Midway Dr, San Diego 10	Cal
SANBORN CO., 1-2-6-8-9, Adv. Pgs. 300, 301	**175 Wyman St. Waltham 54**	**Mass**
Sangamo Electric Co., 3	1201 N 11th St. Springfield	Ill
Sargent & Greenleaf Inc., 6-9	24 Seneca Ave, Rochester	NY
Scientific-Atlanta, Inc., 1	2162 Piedmont Rd N.E., Atlanta 9	Ga
Servomechanisms / Inc., 1-3-4-5	200 N Aviation Blvd. El Segundo	Cal
Servomex Controls Ltd., 5-6	Crowborough, Sussex, England	
Servonics, Inc	822 N. Henry St, Alexandria	Va
Servo-Tek Products Co. Inc., 1-2	1086 Goffle Rd. Hawthorne	NJ
SIGMA INSTRUMENTS INC., 3, Adv Pgs 169-172	**100 Pearl St. South Braintree 85**	**Mass**
Solartron, Inc., 1-5-9	1742 S. Zeyn St, Anaheim	Cal
SOLID STATE ELECTRONICS CO., 1 Adv Pg 238	**Dept E 15321 Rayen St. Sepulveda**	**Cal**
SONEX INC., 4, Adv Pg 530	**20 E Herman St. Philadelphia 44**	**Pa**
Sorensen Industrial Electronic Co., 4	Route 10, Dover	NJ
Southern Instruments Ltd., 1-5-7-8-9	Frimley Rd. Camberley, Surrey	Eng
Space Electronics Corp., 6	930 Air Way, Glendale 1	Cal
Sparton Corp., 3-4-5-6-7-8-9	2400 E Ganson St. Jackson	Mich
Specialties, Inc., 1	Skunks Misery Rd. Syosset	NY
Specialty Electronics Development Corp., 4-5	115 Eileen Way, Syosset	NY
Spectra Electronics Co., 4-5-6-7-8-9	250 E. 3rd St. Mt. Vernon	NY
Spec-Tronics, 4	17942 Saticoy Ave, Van Nuys	Cal
SPENCER-KENNEDY LABS. INC., 6, Adv Pg 495	**1318 Soldiers Field Rd. Boston 35**	**Mass**
Sprague Engineering Corp., 3-4	19300 S. Vermont Ave, Gardena	Cal
Stecht Co. Inc., Herman H., 1	27 Park Pl. New York 7	NY
Stony Brook Labs., 1-4-6	15 State Rd. Princeton	NJ
Straza Industries, 4	790 Greenfield Dr. El Cajon	Cal
Summers & Mills Inc., 9	911 N Commerce, Dallas 8	Tex
Summit Electronics, Inc	7 Industrial Pl, Summit	NJ
Syracuse Electronics Corp., 2	Box 566, Syracuse 1	NY
Taber Instrument Corp., 1-4-6-7-8	107 Goundry St, North Tonawanda	NY
Tarc Electronics Div. Gotham Brdcstg Corp., 6	48 Urban Ave. Westbury	NY
Techni-Pale Electronics, Inc., 1-4-5	85 Centerville Rd. Warwick	RI
TECHNOLOGY INSTRUMENT CORP. OF ACTON, 6, Adv Pgs 84, 85	**536 Main St. Acton**	**Mass**
Telectro Industries Corp., 3-6-7-9	35-16 - 37th St. Long Island City 1	NY
Telemetrics, Inc., 4	12927 S Budlong, Gardena	Cal
Temco Electronics Div. Temco Electronics & Missiles Co., 9	Box 6191, Dallas 22	Tex
Teradyne Inc., 4-9	87 Summer St. Boston 10	Mass
Texas Instruments Incorporated, Apparatus Div. Ind Prods Gr., 4	3609 Buffalo Spdwy, Houston 6	Tex
Thermo Electric Co. Inc., 5	109 5th St. Saddle Brook	NJ
Thermovolt Instruments Ltd., 2	70 Advance Rd. Toronto 18	Ont
Thompson Ramo Wooldridge Inc. Tapco Group, 6	23555 Euclid Ave. Cleveland 17	Ohio
TOROTEL INC., 3, Adv Pg 496	**5512 E 110th St. Kansas City 37**	**Mo**
TOROTRON CORP., 3, Adv Pg 234	**256 E 3rd St. Mt Vernon**	**NY**
TORWICO ELECTRONICS INC., 3, Adv Pgs 491, 492	**Route 70, Lakewood**	**NJ**
Transformer Specialty Co., 3-4	1400 Mill Creek Rd. Gladwyne	Pa
TRANSITRON ELECTRONIC SALES CORP., 4, Adv Pgs 315-318	**168-182 Albion St. Wakefield**	**Mass**
Transline Electronic Mfg. Co., 1-3-4-5	503 McCarter Hwy. Newark 2	NJ
Transonic Inc., 3	808 16th St. Bakersfield	Cal
TREPAC CORP. OF AMERICA, 4, Adv Pgs 415, 426	**30 W Hamilton Ave. Englewood**	**NJ**
Tresco Inc., 3	3024 Terrace St. Philadelphia 28	Pa
Tri-Tronics Co., 2	2607 St Charles Rd. Bellwood 5	Ill
Trott Electronics, Inc., 4-5-6-7-8-9	412 Smith St, Rochester 8	NY
United ElectroDynamics Inc., 4-6-9	200 Allendale Rd. Pasadena	Cal
United Mineral & Chemical Corp., 6	16 Hudson St. New York 13	NY
U. S. Nuclear Corp., 1	801 N. Lake St, Burbank	Cal
UNITED TRANSFORMER CORP., 3, Adv Pg 2nd Cover 1, 2	**150 Varick St. New York 13**	**NY**
Universal Match Corp. Armament Div., 1	472 Paul Ave. St Louis 35	Mo
Vactric (Control Equipment) Ltd., 4-5	Garrick St. London SW 1	Eng
Valor Instruments, Inc., 4-6-7-8-9	13214 Crenshaw Blvd. Gardena	Cal
Vapor Heating Corp., 4	80 E Jackson Blvd. Chicago 4	Ill
VARO, INC., 3-4 Adv Pg 118	**2201 Walnut St. Garland**	**Tex**
Vickers Inc. Electric Products Div., 3-4	1815 Locust St. St Louis 3	Mo
Vidar Corp., 2	2296 Mora Dr. Mountain View	Cal
Video Instruments Co., Inc., 1-2-4-6-7-8-9	3002 Penna. Ave, Santa Monica	Cal
Vo-Dan Electronics, 3-4-5	11259 Sherman Way, North Hollywood	Cal
Waters Mfg. Co., Inc., 3-4	Newtown Rd, Littleton	Mass
Wells Electronics Co., 4	1701 S Main St. South Bend 23	Ind
Wells Industries Corp., 5-8-9	6880 Troost Ave. Hollywood	Cal
Westamp, Inc., 4-8	11277 Massachusetts Ave. L A 25	Cal
Whitehall Electronics Corp., 5	1645 Hennepin Ave. Mnpls 3	Minn
Wickes Engineering & Construction Co., 3	12th St. & Ferry Ave. Camden 4	NJ
Wintronics, 4	213 S Hawthorne Blvd. Hawthorne	Cal
Woodland Electronics Co. Inc., 1-3-4-5	503 McCarter Hwy. Newark 2	NJ
Wurlitzer Co., 4-8	North Tonawanda	NY

AMPLIFIERS-DECADE See AMPLIFIERS *INSTRUMENTATION*

AMPLIFIERS-DIFFERENTIAL See AMPLIFIERS -*INSTRUMENTATION*

AMPLIFIERS-DISTRIBUTION See AMPLIFIERS – TV

AMPLIFIERS-FACSIMILE See FACSIMILE EQUIPMENT

AMPLIFIERS –*I-F*

1. GENERAL-PURPOSE 2. NARROW-BAND

Acro Electronic Products Co., 1	410 Shurs La. Philadelphia 28	Pa
AIRBORNE INSTRUMENTS LAB. DIV. CUTLER-HAMMER INC., 1-2, Adv Pg 151	**Comac Rd. Deer Park**	**NY**
Alto Scientific Co. Inc., 1-2	855 Commercial, Palo Alto	Cal
ANDERSON LABS. INC., 1, Adv Pg 426	**501 New Park Ave. W Hartford**	**Conn**
APPLIED RESEARCH INC., 1-2, Adv Pg 124	**76 S Bayles Ave. Port Washington**	**NY**
Applied Technology, Inc., 1	930 Industrial Ave. Palo Alto	Cal
Allee Corp. Applied Dynamics Div., 1-2	330 Bear Hill Rd. Waltham	Mass
Barker & Williamson Inc., 1-2	Canal & Beaver Sts. Bristol	Pa
Benco Television Associates, Ltd., 1	27 Taber Rd. Rexdale, Ont	Can
Budd Electronics Inc., 1-2	43-22 Queens St. Long Island City	NY
California Magnetic Control Corp., 1-2	11922 Valerio St, North Hollywood	Cal
Canadian Marconi Co., 1-2	2444 Trenton Ave. Montreal	Que
Canoga Div., Underwood Corp., 1	15330 Oxnard St, Van Nuys	Cal
Chance Vought Corp. Vought Electronics Div., 1-2	Box 1500, Arlington	Tex
Decker Corp., 1	45 Monument Rd. Bala Cynwyd	Pa
Defense Electronics, Inc., 1-2	5451-B Randolph Rd, Rockville	Md
Denson Electronics Corp., 1	P.O. Box 85, Rockville	Conn
Electro Instruments, Inc., 2	8611 Balboa Ave, San Diego 11	Cal
Electronic Specialty Co., 2	5121 San Fernando Rd. Los Angeles 39	Cal
Emertron Inc., 1-2	1140 East-West Hwy. Silver Spring	Md
EMPIRE DEVICES INC., 1-2, Adv Pg 132	**Amsterdam**	**NY**
Eric Engineering Co., 1	1823 Colorado Ave, Santa Monica	Cal
FXR INC., 1, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Ferrotran Electronic Co. Inc., 1-2	693 Broadway, New York 12	NY
Ford Instrument Co. Div. Sperry Rand Corp., 2	31-10 Thomson Ave. Long Island City 1	NY
General Communication Co., 1	677 Beacon St, Boston 15	Mass
General Dynamics Electronics, 1-2	1400 Carlson Rd. Rochester 3	NY
General Electronic Labs, Inc., 1-2	8521 2nd Ave. Silver Spring	Md
GENERAL MAGNETICS, INC., 1, Adv Pg 543	**Dept B, 2641 Louisiana Ave. Mnpls 26**	**Minn**
General Radio Co., 2	West Concord	Mass
HALLICRAFTERS CO., 2, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
ITT Federal Labs Div. ITT Corp., 1-2	500 Washington Ave. Nutley	NJ
INSTRUMENTS FOR INDUSTRY INC., 1-2, Adv Pg 386, 387	**101 New South Rd. Hicksville**	**NY**
Land-Air, Inc., 1-2	7444 W. Wilson Ave, Chicago 31	Ill
LEL INC., 1-2 Adv Pg 461	**75 Akron St. Copiague**	**NY**
Loral Electronics Corp., 1-2	825 Bronx River Ave. New York 72	NY
Magnaelectric Corp., 1-2	Box 6038, Tulsa	Okla
Marquardt Corp. Pomona Div., 1-2	2709 N Garey Ave. Pomona	Cal
Maxson Electronics Corp., 1-2	475 10th Ave. New York 18	NY
Micrometrical Mfg Co., 1	Box 1067, Ann Arbor	Mich
Miratel, Inc., 1	1 St. SE & Richardson, New Brighton 12	Minn
MODEL ENG. & MFG. CORP., 1-2, Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Olympic Radio & TV Div. Siegler Corp., 1-2	34-01 38 Ave. Long Island City 1	NY
Ortronix, Inc., 1	Forsythe Rd. Dr. 8717, Orlando	Fla
OVITRON CORP., 1-2, Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
Pacific Automation Products, Inc., 1-2	1200 Air Way, Glendale 1	Cal
Permaflux Products Co., 1	4101 San Fernando Rd. Glendale	Cal
Planetronics, Inc., 1-2	Easton	Pa
Power - Tronic Systems, Inc., 1-2	10-12 Pine Ct. New Rochelle	NY
R S ELECTRONICS CORP., 1-2, Adv Pg 305	**Box 11368, Sta A, Palo Alto**	**Cal**
Remanco Inc., 1-2	1805 Colorado, Santa Monica	Cal
SERVO CORP OF AMERICA, 2, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Space Electronics Corp., 1	930 Air Way, Glendale 1	Cal
Sparton Corp., 1-2	2400 E Ganson St. Jackson	Mich
Spectra Electronics Co., 1-2	250 E. 3rd St, Mt. Vernon	NY
STANDARD WINDING CORP., 1-2 Adv Pg 540	**44-62 Johnes St. Newburgh**	**NY**
Stirrup, Inc., 1	50 Silver St, Middletown	Conn
Tapetone, Inc., 1	Box 46, Webster	Mass
Telectro Industries Corp., 2	35-16 - 37th St. Long Island City 1	NY
Teltronics Inc., 2	277 Main St. Nashua	NH
TOKYO DENKI SEIKI CO. LTD., 1, Adv Pg 264	**11 2-chome, Nakamachi, Kanda, Chiyoda-ku, Tokyo**	**Jap**
Virginia Electronics Co., Inc., 1	5209 River Rd, Washington 16	DC
Wells Electronics Co., 1-2	1701 S Main St. South Bend 23	Ind
Westinghouse-TV Radio Div., 1	Metuchen	NJ

AMPLIFIERS –*INSTRUMENTATION & CONTROL*

1. DECADE
2. DIFFERENTIAL
3. NULL
4. RECORDING, INSTRUMENTATION
5. SERVO
6. STRAIN GAGE
7. TELEMETERING
8. VIBRATION PICKUP

A. O. I. P., 4-6	23 Pl. Jeanne d'Arc, Paris 13	Fr
A R & D A, 7	135 Main St. Belleville 9	NJ
ACROMAG, INC., 2-3-5, Adv Pg 234	**22515 Telegraph Rd. Southfield**	**Mich**
Adage, Inc., 2	292 Main St, Cambridge 42	Mass
Advance Instrument Corp., 5	F St. Dunellen	NJ
Advanced Electronics, Inc., 8	34 Silas Deane Hwy, Rocky Hill	Conn
Aeroflex Corp., 5	48-25 36th St. Long Island City	NY
AIRPAX ELECTRONICS INC. SEMINOLE DIV., 2-3-5-6-7, Adv Pg 106	**Fort Lauderdale**	**Fla**
Airtronics International Corp., 2	Box 8575, Fort Lauderdale	Fla
Allegany Instrument Co. Div. Textron Electronics, Inc., 2-3-4-6-7	1091 Wills Mountain, Cumberland	Md
American Beech Aero Corp., 7	320 Fulton Ave. Hempstead	NY
AMERICAN ELECTRONIC LABS. INC., 7, Adv Pg 362	**121 N 7th St. Philadelphia 6**	**Pa**
American Measurement & Control, Inc., 5-6	240 Calvary St, Waltham 54	Mass
AMERICAN OPTICAL CO. INSTRUMENT DIV., 4, Adv Pg 205	**Buffalo 15**	**NY**
American Research & Mfg. Corp., 5	500 Halpine Ave. Rockville	Md
American-Standard, Controls Div., 6	5900 Trumbull, Detroit 8	Mich
ANADEX INSTRUMENTS INC., 6, Adv Pg 435	**14734 Arminta St. Van Nuys**	**Cal**
Analab Instrument Corp., 2	30 Canfield Rd. Cedar Grove	NJ
ANDERSEN LABS. INC., 1, Adv Pg 426	**501 New Park Ave. W Hartford**	**Conn**
Anilab, Inc., 4-5	6330 Proprietors Rd, Worthington	Ohio
Applied Control Corp., 5	1200 Main St. Hackensack	NJ
Ampleon Dynamics, Inc., 5	Box 612, Ann Arbor	Mich
APPLIED ELECTRONICS CORP. OF NJ, 2-4-6-7-8, Adv Pg 510	**22 Center St. Metuchen**	**NJ**
Applied Magnetics Corp., 4	Box 366, Goleta	Cal
Armstrong Whitworth Equipment, 2-6	Hucclecote, Gloucester	Eng
Armour Corp., 2-5-6-7	11924 W. Washington Blvd, L.A. 66	Cal
Ascop Div of Electro-Mechanical Research, Inc., 7-8	Box 44, Princeton	NJ

Astrosystems Inc., 5	220 E 23rd St. New York 10	NY
Atchley Div. Raymond, 5	2339 Cotner Ave. Los Angeles 64	Cal
Atlantic Research Corp., 4-8	Shirley Hwy. at Edsall Rd. Alexandria	Va
Automation Industries, Inc., Datran Div., 4-6	1836 Rosecrans Ave, Manhattan Beach	Cal
Avco Corp., Crosley Div., 5	1329 Arlington St, Cincinnati 25	Ohio
Avien, Inc., 5-7	58-15 Northern Blvd. Woodside 77	NY
B & K Instruments Inc of Bruel & Kjaer, 1-6	3044 W 106th St. Cleveland 11	Ohio
Bailey Meter Co., 3-4-7	1050 Ivanhoe Rd. Cleveland 10	Ohio
Baird-Atomic Inc., 4-7	33 University Rd. Cambridge 38	Mass
Baldwin-Lima Hamilton Corp., 3-4-5-6	42 4th Ave. Waltham 54	Mass
BALLANTINE LABS. INC., 1, Adv Pg 156	**Boonton**	**NJ**
Barber Colman Co., 3-5	1300 Rock St, Rockford	Ill
Barker & Williamson Inc., 7	Canal & Beaver Sts. Bristol	Pa
Beckman Instruments, Inc. Systems Div., 4-7	2400 Harbor Blvd. Fullerton	Cal
Bellab Corp., 3	Municipal Airport, Daytona Beach	Fla
Bell Aerospace Corp., 5	Box 1, Buffalo 5	NY
Bendix Corporation, Friez Instrument Div., 5	1400 Taylor Ave. Baltimore 4	Md
BENDIX CORP. MONTROSE DIV., 5, Adv Pg 372	**South Montrose**	**Pa**
Bogue Electric Mfg. Co., 5	52 Iowa Ave, Paterson 3	NJ
Boonshaft & Fuchs, Inc., 5	Hatboro Ind Park, Hatboro	Pa
BOWMAR INSTRUMENT CORP., 2-5, Adv Pg 36	**8000 Bluffton Rd. Ft Wayne**	**Ind**
Brach Mfg. Corp., 5-6-7	200 Central Ave. Newark	NJ
Briggs Div. Drexel Dynamics Corp., 2-7	10 De Kalb St. Norristown	Pa
Bristol Co., 2-3-4-7	Box 1790 EBG, Waterbury 20	Conn
Bruel & Kjaer, 4-6-8	Lindealle 23, Naerum	Denmark
BRUSH INSTRUMENTS DIV. CLEVITE CORP., 4 Adv Pgs 144, 145	**37th & Perkins, Cleveland 14**	**Ohio**
BULOVA WATCH CO. INC. ELECTRONICS DIV., 1-2-3-4-5-6-7-8, Adv Pg 427	**61-10 Woodside Ave. Woodside 77**	**NY**
Burr-Brown Research Corp., 1-2-3-5	P.O. Box 6444, Tucson	Ariz
CES Electronic Products, 1-2-4-5-6-7	Box 7504, San Diego 7	Cal
CG Electronics Corp., 7	15000 Central E., Albuquerque	NM
California Magnetic Control Corp., 1-2-3-4-5-6-7-8	11922 Valerio St, North Hollywood	Cal
Canadian Aviation Electronics Ltd., 4-5	Box 2030, Montreal 9	P.Q.
Canadian Research Institute, 1	85 Curlew Dr. Don Mills	Ont
Canoga Div., Underwood Corp., 5	15330 Oxnard St, Van Nuys	Cal
Capehart Corp., 5	87-46 123rd St. Richmond Hill 18	NY
Century Electronics & Instruments, Inc., 4-6-8	1333 N Utica Ave. Tulsa 10	Okla
Chance Vought Corp. Vought Electronics Div., 1-2-4-5-7	Box 1500, Arlington	Tex
Cleveland Instrument Co., 2	6220 E. Schaaf Rd, Cleveland 31	Ohio
Coldstream Engineering Co., 2-4-6	Box 1059, Riverside, Kansas City 50	Mo
COLLECTRON CORP., 5-7, Adv Pg 550	**304 E 45th St. New York 17**	**NY**
Community Engineering Corp., 7	Box 824, State College	Pa
Compu Dyne Corp., 5-6	400 S Warminster Rd. Hatboro	Pa
Computer Engineering Associates, 2-4	350 N Halstead, Pasadena	Cal
Computer Sciences, Inc., 4-5	623 Main St. Westbury	NY
Computrons Inc., 3	3407 S Shepherd Dr. Houston 6	Tex
Consolidated Airborne Systems, 2-3-5	900 3rd Ave. New Hyde Park	NY
Consolidated Avionics Corp., 4-6-7	800 Shames Dr. Westbury	NY
Consolidated Electrodynamics Corp., 4-6-7-8	360 N. Sierra Madre Villa, Pasadena	Cal
Control Div. of Magnetics Inc., 4	Butler	Pa
Control Devices, Inc., 4	925 S Eton Rd. Birmingham	Mich
Control Technology Co., 2-5-6-7	1186 Broadway, New York 1	NY
Cooper Development Corp., 7	2626 S. Peck Rd, Monrovia	Cal
Data-Control Systems, Inc., 7	E Liberty St. Danbury	Conn
Data Equipment Co., 1-2-4	923 E. 3rd St, Los Angeles 13	Cal
Data Systems Dept. Norden Div. United Aircraft Corp., 5	3501 Harbor Blvd. Costa Mesa	Cal
DAVEN CO., 1, Adv Pg 187	**Rt. 10, Livingston**	**NJ**
Daystrom Inc. Military Elec. Div., 5	Archbald	Pa
Daystrom Inc. Weston Instruments Div., 4	614 Frelinghuysen Ave. Newark 12	NJ
Daystrom-Transicoil Corp., 5	Worcester, Montgomery County	Pa
Daytronic Corp., 4-6	223-227 S Jefferson St, Dayton	Ohio
Decker Corp., 2-4-5	45 Monument Rd. Bala Cynwyd	Pa
Designers for Industry, 4	4241 Fulton Pkwy. Cleveland 9	Ohio
DI/An Controls, Inc., 5	944 Dorchester Ave. Boston	Mass
Diehl Mfg. Co., 5	1129 Finderne Ave, Somerville	NJ
Digital Instrument Labs., 2-3	152 S. Atlantic Blvd, Los Angeles	Cal
Donner Scientific Co., 1-2-3-4-6-7-8	888 Galindo St, Concord	Cal
DORSETT ELECTRONICS, INC., 7, Adv Pg 299	**Box 862, Norman**	**Okla**
Dresser Electronics, HST Div., 5	555 N 5th St. Garland	Tex
Dresser Electronics SIE Div., 2-4-7-8	10201 Westheimer Rd. Houston 42	Tex
Dwyer Mfg. Co., F.W., 2	P.O. Box 373, Michigan City	Ind
Dynamics Instrumentation Co., 1-2-3-4-6-7-8	583 Monterey Pass Rd. Monterey Park	Cal
E O Electronics, Inc., 1	Mountain Lakes	NJ
Eastern Industries, 5	100 Skiff St. Hamden	Conn
EDGERTON, GERMESHAUSEN & GRIER INC., 4, Adv Pg 284	**160 Brookline Ave. Boston**	**Mass**
Elcor Inc., 2	1225 W Broad St. Falls Church	Va
Electric Regulator Corp., 2-3-5-6	Pearl St, Norwalk	Conn
Electro Instruments, Inc., 2-4-7	8611 Balboa Ave, San Diego 11	Cal
Electro-Mechanical Research, Inc., 7-8	Box 3041, Sarasota	Fla
Electrodynamic Instrument Corp., 4-8	1841 Old Spanish Trail, Houston 25	Tex
Electronic Development Corp., 1-2	423 W Broadway, Boston 27	Mass
ELECTRONIC PRODUCTS CORP., 1, Adv Pgs 545, 546	**4642 Belair Rd. Baltimore 6**	**Md**
Electronic Products Mfg. Co. Inc., 5	S 110 Scott St. Spokane 3	Wash
Ellis Associates, 6	Box 77, Pelham	NY
ENDEVCO CORP., 8, Adv Pg 465	**161 E California Blvd. Pasadena**	**Cal**
Eltsco, Inc., 2-4	3100 Eldredge St. Salt Lake City	Utah
Epsco Inc. Components Div., 2-5-7	275 Massachusetts Ave. Cambridge 39	Mass
Epsco Inc. Instruments Div., 2-5-6-7	275 Massachusetts Ave. Cambridge 39	Mass
Epsco Medical Div. Epsco Inc., 6	275 Mass Ave. Cambridge 39	Mass
Epsco, Inc. Systems Div., 7	275 Mass. Ave. Cambridge 39	Mass
Epsco-West, 2	240 E. Palais Rd, Anaheim	Cal
Erwood Inc., 8	1770 Berteau Ave, Chicago 13	Ill
Esterline Angus Instrument Co. Inc., 4	Box 596, Indianapolis 6	Ind
Evershed & Vignoles Ltd., 5	Chiswick, London W 4	Eng
FF&W Electronics Inc., 4-5	12820 Panama, Los Angeles 66	Cal
Fairchild Controls Corp., 6	225 Park Ave. Hicksville	NY
Fairfield Controls Inc., 2-5	114 Machattan St. Stamford	Conn
Fecker, J. W. Div. Amer. Optical Co., 5	6592 Hamilton Ave. Pittsburgh 6	Pa
Feedback Controls Inc., 3-5	8 Erie Drive, Natick	Mass
Ferrotran Electronic Co. Inc., 4	693 Broadway, New York 12	NY
Flight Research, Inc., 4	P.O. Box 1-F, Richmond 1	Va
Ford Instrument Co. Div. Sperry Rand Corp., 2-5-7	31-10 Thomson Ave. Long Island City 1	NY
Foxboro Co., The, 4-7	Foxboro	Mass
Frequency Standards Div. Harvard Industries Inc., 7	Box 504, Asbury Park	NJ
FRONTIER ELECTRONICS CO., 7, Adv Pg 193	**4606 Memphis Ave. Cleveland 9**	**Ohio**
G. B. Components Inc., 2	14621 Arminta St. Van Nuys	Cal
GPE Controls, Inc., 2-3-5	240 E. Ontario St, Chicago 11	Ill
Garrett Corp., The, 5	9851 Sepulveda Blvd, Los Angeles 45	Cal
General Computers Inc., 1-2-3	9000 W Pico Blvd. Los Angeles 35	Cal
GENERAL DEVICES INC., 7, Adv Pg 518	**Box 253, Princeton**	**NJ**
GENERAL ELECTRIC CO. APPARATUS SALES, 5, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
General Electronic Control, Inc., 5	8001 Bloomington Frwy. Mpls 20	Minn
GENERAL MAGNETICS, INC., 5, Adv Pg 543	**Dept B, 2641 Louisiana Ave. Mpls 26**	**Minn**
Geotechnical Corp., 3-4-6-8	3401 Shiloh Rd. Garland	Tex
Gertsch Products, Inc., 3	3211 S. La Cienega, Los Angeles 16	Cal
Giannini Controls Corp., 5	1600 S Mountain Ave. Duarte	Cal
Gibbs Mfg. & Research Corp., 3	454 N Main St. Janesville	Wis
Gilfillan Bros., Inc., 2-4	1815 Venice Blvd, Los Angeles 6	Cal
Gilmore Industries, Inc., 4-5-6	13015 Woodland Ave. Cleveland 20	Ohio
Goldak Co., Inc., 8	Dept. E, 1544 W. Glenoaks, Glendale 1	Cal
Good Electronic Corp., 1-2-3-4-5-6	Box 2406, W Palm Beach	Fla
Goodmans Industries Ltd., 5-8	Axiom Wks. Wembley, Middlesex	Eng
Gordon Enterprises, 4	5362 N. Cahuenga Blvd, N. Hollywood	Cal
Gulton Industries, Inc., 1-4-5-6-7-8	212 Durham Ave. Metuchen	NJ
Halex Inc., 4-5-6-7-8	310 E Imperial Hwy. El Segundo	Cal
Hallamore Electronics Div. Siegler Corp., 4	714 N Brookhurst Ave. Anaheim	Cal
Hamilton Standard Div. United Aircraft Corp., 2-5	Broad Brook	Conn
HARREL INC., 2-3-5, Adv Pg 332	**1788 1st Ave. New York 28**	**NY**
Heiland Div. Minneapolis-Honeywell Regulator Co., 2-4-6-8	5200 E Evans Ave. Denver 22	Colo
Heliopot Div. Beckman Instruments Inc., 5	2500 Harbor Blvd. Fullerton	Cal
Hogan Faximile Corp	635 Greenwich St. New York 14	NY
Holtzer Cabot Div. National Pneumatic Co. Inc., 5	125 Amory St. Boston 19	Mass
Hoover Electronics Co., 7	110 W. Timonium Rd, Timonium	Md
Huyck Systems Co., 5	360 Wolf Hill Rd. Huntington Sta	NY
Indikon Co. Inc., 6-8	76 Coolidge Hill Rd. Watertown 72	Mass
Industrial Control Co., 1-2-3-4-5-6	Central at Pinelawn, Farmingdale	NY
Instrument Systems Corp., 5	129-07 18th Ave. College Point 56	NY
INSTRUMENTS FOR INDUSTRY INC., 7, Adv Pgs 386, 387	**101 New South Rd. Hicksville**	**NY**
Intercontinental Electronics Corp., 7	300 Shames Dr. Westbury 29	NY
International Research Associates, 5-6	2221 Warwick Ave, Santa Monica	Cal
International Research & Development Co	6150 Huntley Rd. Worthington	Ohio
Interstate Electronics Corp., 4-7	707 E Vermont Ave. Anaheim	Cal
Jarrell-Ash Co., 3	26 Farwell St. Newtonville	Mass
Johnson Electronics Inc., 7	Box 1675, Casselberry	Fla
Jordan Controls, Inc., 5	3225 W. Hampton, Milwaukee 9	Wisc
Jordan Electronics Div. Victoreen Ins. Co., 5	121 S Palm Ave, Alhambra	Cal
K-F Products, Inc., 5	3100 E 43rd Ave. Denver 16	Colo
KEARFOTT DIV. GEN PRECISION INC., 5, Adv Pg 394	**Little Falls**	**NJ**
Keithley Instruments, Inc., 1-2-3	12415 Euclid Ave. Cleveland 6	Ohio
Kollsman Dept. Norden Div. United Aircraft Corp., 5	Jericho Tpke, Commack	NY
KIN TEL DIV. COHU ELECTRONICS, 1-2, Adv Pgs 244, 245, 247	**5725 Kearny Villa Rd. San Diego 12**	**Cal**
Kistler Instrument Corp., 8	15 Webster St. N. Tonawanda	NY
Kollsman Instrument Corp Sub Standard Kollsman Ind Inc., 5	80-08 45th Ave. Elmhurst 73	NY
Land-Air, Inc., 1-7-8	7444 W. Wilson Ave, Chicago 31	Ill
Leach Corp., 2-4-6-7	18435 Susana Rd, Compton	Cal
Lear Inc., 1-2-3-5-6-7-8	3171 S Bundy Dr. Santa Monica	Cal
Leeds & Northrup Co., 3-4	4970 Stenton Ave. Phila. 44	Pa
LEL INC., 7 Adv Pg 461	**75 Akron St. Copiague**	**NY**
Leupold & Stevens Instruments Inc., 4-7	4445 NE Glisan St. Portland	Ore
Librascope, Div. General Precision Inc., 5	808 Western Ave. Glendale	Cal
Link Div. Gen. Precision, Inc., 5	Binghamton	NY
Liquidometer Corp., 5	41-03 36th St. Long Island City 1	NY
Loral Electronics Corp., 2-5-7	825 Bronx River Ave. New York 72	NY
Lumen, Inc., 1-2-3-4-5-6-7	Box 905, Joliet	Ill
MacLaren & Co. Inc., F. B., 5	15 Stepar Pl. Huntington Station	NY
Magnalectric Corp., 6-7	Box 6008, Tulsa	Okla
MAGNETIC AMPLIFIERS DIV. SIEGLER CORP., 5, Adv Pg 295	**632 Tinton Ave. New York 55**	**NY**
Magnetic Circuit Elements, Inc., 5-7	3722 Park Pl. Montrose	Cal
MAGNETIC CONTROLS CO., 5 Adv Pg 47	**6329 Cambridge St. Minneapolis 16**	**Minn**
Magnetic Instrument Co. Inc., 4-5	637 Commerce St. Thornwood	NY
Magnetic Research Corp., 5-7	3160 W El Segundo Blvd. Hawthorne	Cal
Magnetico Inc., 5	6 Richter Ct. E Northport	NY
Marquardt Corp. Pomona Div., 1-2-3-4-5-7	2709 N Garey Ave. Pomona	Cal
Martin Co., 7	Mail No. G3037, Baltimore 3	Md
Mason Instrument Co. Inc., 2	Box 683, Mamaroneck	NY
MASSA DIV. COHU ELECTRONICS, INC., 2-4-5-6 Adv Pgs 442, 443	**280 Lincoln St. Hingham**	**Mass**
Maxson Electronics Corp., 4-7	475 10th Ave. New York 18	NY
Medistor Instrument Co., 2-4-6-7	1443 Northlake Way, Seattle	Wash
Melcor Electronics Corp., 2-3-5-6	48 Toledo St. Farmingdale	NY
Micro Gee Products, Inc., 5	6319 W Slauson Ave. Culver City	Cal
Microdot, Inc., 4-7	220 Pasadena Ave. South Pasadena	Cal
Microdyne, Inc., 2-6	1220 Washington, Wilmette	Ill
Micromag Instrument Corp., 6	115 Holleck St. Roxbury	Mass
Micrometrical Mfg Co., 8	Box 1067, Ann Arbor	Mich
Midwestern Instruments, Inc., 4-5-7	Box 7509, Tulsa 18	Okla
Minn-Honeywell, Aero Controls Div., 5	7753 4th Ave. S, Minneapolis 8	Minn
MINN-HONEYWELL, BOSTON DIV., 2-4, Adv Pg 67	**1400 Soldiers Field Rd. Boston 35**	**Mass**
Minn-Honeywell, Brown Instruments Div., 3-4	Wayne & Windrim Aves. Philadelphia 44	Pa
Minn-Honeywell, Military Prods Gr., 4-5-7	2600 Ridgway Rd. Minneapolis 13	Minn
Minn Honeywell, Precision Meter Div., 3	Grenier Field, Manchester	NH
Missouri Research Labs., Inc., 8	2109 Locust St, St. Louis 3	Mo
MODEL ENG. & MFG. CORP., 1-2-3-4-5-7, Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Molectronics Div. Metec Ind. Inc., 2-3-4-6-7	6344 Arizona Cir. Los Angeles 45	Cal
Moore Associates, Inc., 7	893 American St. San Carlos	Cal
Muirhead & Co., Ltd., 5	Beckenham, Kent, England	
Natel Engineering Co. Inc., 6-7-8	15922 Strathern St. Van Nuys	Cal
Neff Instrument Corp., 2-4-6-7	1088 E Hamilton Rd. Duarte	Cal
Network Designers Inc., 5	38 E 57th St. New York 22	NY
New London Instrument Co., 7	82 Union St. New London	Conn
NON-LINEAR SYSTEMS INC., 1, Adv Pgs 334, 335	**Box 728, Del Mar**	**Cal**
Norbatrol Electronics Corp., 2-4-5-7	356 Collins Ave. Pittsburgh 6	Pa
Norden Div. United Aircraft Corp., 5	Helen St. Norwalk	Conn
Nugent Electronics Co. Inc., 4-7	802 E 8th St. New Albany	Ind
Offner Electronics Inc., 1-2-3-4-5-6-7-8	3906 River Rd. Schiller Park	Ill
Oilgear Co., 5	1560 W. Pierce St, Milwaukee	Wisc
Olympic Radio & TV Div. Siegler Corp., 5	34-01 38 Ave. Long Island City 1	NY
Orbit Instrument Corp., 5	131 Eileen Way, Syosset	NY
Ortronix, Inc., 1-2-3-4-5-7	Forsythe Rd. Dr. 8217, Orlando	Fla
Oster Mfg Co. John, Avionics Div., 5	1 N Main St. Racine	Wis
OVITRON CORP., 2-5, Adv Pg 540	**42-42 Jobson St. Newburgh**	**NY**
Pace Engineering Co., 4-6-7-8	13035 Saticoy St. North Hollywood	Cal
Pacific Mercury Electronics, 7	8345 Hayvenhurst Ave. Sepulveda	Cal
Pacific Scientific Co., 4-6-8	Box 22019, Los Angeles 22	Cal
Packard Bell Computer Corp., 2	1905 Armacost Ave. Los Angeles 25	Cal
Pegasus Labs. Inc., 2-5-6	3500 W 11 Mile Rd. Berkley	Mich
Pennsylvania Testing Lab., Inc., 3	Doylestown	Pa
Performance Measurements Co., 6	15120 3rd Ave. Detroit 3	Mich
PHILBRICK RESEARCHES INC., GEORGE A., 1-2-3-4-5-6, Adv Pg 166	**127 Clarendon St. Boston 16**	**Mass**
Phillips Electronics Mfg Co., 1-3	119 Allen Blvd. Farmingdale	NY
Phoenix Precision Instrument Co., 5	3805 N 5th St. Philadelphia	Pa
Photographic Instrumentation Development Co., 4	19458 Ventura Blvd, Tarzana	Cal
Photron Instrument Co., 2-4-6-8	6516 Detroit Ave. Cleveland 2	Ohio
Plug-In Instruments, Inc., 2-4-5-6-8	1416 Lebanon Rd. Nashville 10	Tenn
Power Instruments, Inc., 4	7352 N Lawndale Ave. Skokie	Ill
Power Supplies, Inc., 5	1007 Olive St. Highland	Ill
Power - Tronic Systems, Inc., 1-2-3-5-7	10-12 Pine Ct. New Rochelle	NY
Precision Instrument Corp., 4	1011 Commercial St, San Carlos	Cal
Quan-Tech Labs, Inc., 1-2	60 Parsippany Blvd. Boonton	NJ
R S ELECTRONICS CORP., 7, Adv Pg 305	**Box 11368, Sta A, Palo Alto**	**Cal**
R-Tronics Corp., 1	134-20 Jamaica Ave. Richmond Hill	NY
Radionics Inc., 5	76 Cambridge St. Burlington	Mass
Reeves Instrument Corp., 3-5	Roosevelt Field, Garden City	NY
REFLECTONE ELECTRONICS, INC., 5 Adv Pg 548	**W Main & Myano La. Stamford**	**Conn**
Research Inc., 3-5	Box 6164, Edina Br. Mpls 24	Minn
Research Industrial Labs. of Electronics, 3-4-7	Roslyn	Pa
Revere Corp. of America Sub., Neptune Meter Co., 6	Wallingford 2	Conn
RIBET DESJARDINS, 6-7-8, Adv Pgs 229-232	**13-17 Rue Perier, Montrouge Seine**	**Fr**
Ridgefield Instrument Group, Schlumberger Corp., 2	Box 337, Ridgefield	Conn
Robinette Co., W.C., 5	802 Fair Oaks Ave, South Pasadena	Cal
ROHDE & SCHWARZ, USA INC., 3, Adv Pg 483	**P. O. Box 275, Passaic**	**NJ**
Rucker Co., 5	4700 San Pablo Ave. Oakland 8	Cal
Ryan Electronics Div. Ryan Aero. Co., 7	5650 Kearny Mesa Rd. San Diego 12	Cal
S - E Labs. Ltd., 6-7	606 N Feltham Est. Feltham Mddsx	Eng
San Diego Scientific Corp., 4-7	3434 Midway Dr, San Diego 10	Cal
SANBORN CO., 4-5-6-7, Adv Pgs 300, 301	**175 Wyman St. Waltham 54**	**Mass**
Scott Inc., H.H., 1-2	111 Powder Mill Rd. Maynard	Mass
Security Controls, Inc., 6	503 Franklin St. Buffalo	NY
Seiscor Div., Seismograph Service Corp., 4	6200 E. 41st St, P.O. Box 1590,Tulsa 1	Okla
SERVO CORP OF AMERICA, 5-7, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Servo Development Corp., 5	2 Willis Ct. Hicksville	NY
Servo Development Corp., 5	2 Willis Ct. Hicksville	NY
Servomechanisms/Inc., 2-5-7	200 N Aviation Blvd. El Segundo	Cal
Servomex Controls Ltd., 5	Crowborough, Sussex, England	
Servo-Tek Products Co. Inc., 1-3-4	1086 Goffle Rd. Hawthorne	NJ
SHAPIRO & EDWARDS, 4-5-6-8, Adv Pg 512	**1130 Mission St. South Pasadena**	**Cal**
Shepherd Industries Inc., 4	103 Park Ave. Nutley 10	NJ
SIERRA ELECTRONIC CORP., 7 Adv Pgs 128, 129	**3885 Bohannon Dr. Menlo Park**	**Cal**
Simmonds Precision Prods Inc., 3-4-5	105 White Plains Rd. Tarrytown	NY
Smith-Florence, Inc., 6	4228 23rd W., Seattle	Wash
SOLID STATE ELECTRONICS CO., 7 Adv Pg 238	**Dept E 15321 Rayen St. Sepulveda**	**Cal**
SONEX INC., 7, Adv Pg 530	**20 E Herman St. Philadelphia 44**	**Pa**
Southern Instruments Ltd., 6-8	Frimley Rd. Camberley, Surrey	Eng
Space Electronics Corp., 7	930 Air Way, Glendale 1	Cal
Sparton Corp., 1-2-3-4-5	2400 E Ganson St. Jackson	Mich
Spectra Electronics Co., 1-2-3-4-6-7-8	250 E. 3rd St, Mt. Vernon	NY
Sperry Microwave Electronics Co., 7	Box 1828, Clearwater	Fla
Sperry Phoenix Co. Div. Sperry Rand Corp., 5	21111 N 19th Ave. Phoenix 27	Ariz
Statham Instruments Inc., 6-8	12401 W Olympic Blvd. Los Angeles 64	Cal
Sterling Instrument Div., 5	17 Matinecock Ave. Port Washington	NY
Stone Laboratories, Inc., 4	1312 Tremont St. Boston 20	Mass
Streeter-Amet Co., 7	Grayslake	Ill
Summers & Mills Inc., 3-5	911 W Commerce, Dallas 8	Tex
Sun Electric Co., 2-3-8	6323 Avondale St. Chicago 31	Ill
Taber Instrument Corp., 1-2-3-4-5-6-8	107 Goundry St, North Tonawanda	NY
Tang Industries Inc., 6	400 Main St. Waltham 54	Mass
Taylor Instrument Cos., 4-5	95 Ames St. Rochester	NY
Techni-Rite Electronics, Inc., 2-4-6	65 Centerville Rd. Warwick	RI
TECHNOLOGY INSTRUMENT CORP., 1-4, Adv Pgs 83, 84	**533 Main St. Acton**	**Mass**
TECHNOLOGY INSTRUMENT CORP OF ACTON, 1, Adv Pgs 84, 85	**536 Main St. Acton**	**Mass**
TELE-DYNAMICS DIV. AMERICAN BOSCH ARMA CORP., 7, Adv Pgs 196, 197	**5000 Parkside Ave. Philadelphia 31**	**Pa**
Telemetrics, Inc., 1	12927 S Budlong, Gardena	Cal
Televiso Corp., 8	Wheeling & Exchange Rds. Wheeling	Ill
Temco Electronics Div. Temco Electronics & Missiles Co., 5	Box 6191, Dallas 22	Tex
Ten Bosch, Inc., M., 5	80 Wheeler Ave, Pleasantville	NY
Teradyne Inc., 2-3-4	87 Summer St. Boston 10	Mass
Texas Instruments Incorporated, Apparatus Div. Govt Prods Gr., 7	Box 6015, Dallas 22	Tex
Texas Instruments Incorporated, Apparatus Div. Ind Prods Gr., 4-7	3609 Buffalo Spdwy. Houston 6	Tex
Thermo Electric Co. Inc., 3-4-5	109 5th St. Saddle Brook	NJ
Thermovolt Instruments Ltd., 1-2-4-5	70 Advance Rd. Toronto 18	Ont
Theta Instrument Corp., 3-5	520 Victor St. Saddle Brook	NJ
Thompson Ramo Wooldridge Inc. Tapco Group, 5-7	23555 Euclid Ave. Cleveland 17	Ohio
Topp Industries, Inc., 2-3	5221 W. 102 St, Los Angeles 45	Cal
Topper Mfg Co. Inc., 5	84-56 Parsons Blvd. Jamaica 32	NY
TOROTEL INC., 2-3-4-5-6-7, Adv Pg 496	**5512 E 110th St. Kansas City 37**	**Mo**
Transval Electronics Corp., 5-7	2090 Maple Ave, El Segundo	Cal
TREPAC CORP. OF AMERICA, 2, Adv Pgs 415, 426	**30 W Hamilton Ave. Englewood**	**NJ**
TRIO LABORATORIES INC., 3-4 Adv Pg 66	**Plainview**	**NY**
United Control Corp., 3-5	Overlake Ind Pk. Box 3104, Seattle	Wash
United Electric Controls Co., 2-4	85 School St. Dept-C, Watertown 72	Mass
United ElectroDynamics Inc., 2-7	200 Allendale Rd. Pasadena	Cal
United Shoe Machinery Corp., 7	140 Federal St. Boston	Mass

UNITED TRANSFORMER CORP., 1, Adv Pg 2nd Cover 1,2	150 Varick St. New York 13	NY
Universal Match Corp. Armament Div., 5	472 Paul Ave. St Louis 35	Mo
Vactric (Control Equipment) Ltd., 5	Thorne St. London SW 1	Eng
Valor Instruments, Inc., 2-5-6-7	13214 Crenshaw Blvd. Gardena	Cal
Varian Associates, 4	611 Hansen Way, Palo Alto	Cal
Vickers Inc. Electric Products Div., 2-5-6	1815 Locust St. St Louis 3	Mo
Video Instruments Co., Inc., 2-3-4-5-6-7-8	3002 Penna. Ave, Santa Monica	Cal
Vitro Corp of America, 7	261 Madison Ave. New York 16	NY
VITRO ELECTRONICS DIV. VITRO CORP., 7, Adv Pgs 309, 310	919 Jesup Blair Dr. Silver Spring	Md
Vin-Dar Electronics, 2-5	13254 Sherman Way, North Hollywood	Cal
Voltmar Products Co., 1-2-3-4	1020 S Arroyo Pkwy, Pasadena	Cal
Vac Line Inc., 3	35 S St. Clair St. Dayton 2	Ohio
Waltham Electronics Corp., 7	751 Main St. Waltham 54	Mass
Wayne Kerr Corp., 8	1633 Race St. Philadelphia 3	Pa
Wallis Electronics Co., 5	1701 S Main St. South Bend 23	Ind
Wells Industries Corp., 3-4	6880 Troost Ave. Hollywood	Cal
Western, Inc., 5	11277 Massachusetts Ave. L A 25	Cal
Western Electro-Acoustic Lab., 4	11789 San Vicente Blvd, Los Angeles	Cal
Western Hydraulics Sub. Borg-Warner, 5	7500 Tyrone Ave, Van Nuys	Cal
Westronics Inc., 4-5-6	3605 McCart St. Fort Worth	Tex
White Avionics Corp., 3	Terminal Rd. Plainview	NY
Whitehall Electronics Corp., 6-8	1646 Hennepin Ave. Mnpls 3	Minn
Wiley Electronic Products Co., 6-7	2045 W Cheryl Dr. Phoenix	Ariz
Wintronics, 5-8	213 Hawthorne Blvd. Hawthorne	Cal
Wollitzer Co., 7	North Tonawanda	NY
Zacharias Electronics Corp., 1-3-4	Box 246, Whippany	NJ

AMPLIFIERS — *KEYING*

APPLIED ELECTRONICS CORP. OF NJ, Adv Pg 518	22 Center St. Metuchen	NJ
Boonton Inc., H. O.	915 Broadway, New York 10	NY
Brach Mfg. Corp.	200 Central Ave. Newark	NJ
BULOVA WATCH CO. INC. ELECTRONICS DIV., Adv Pg 427	61-10 Woodside Ave. Woodside 77	NY
California Magnetic Control Corp	11922 Valerio St, North Hollywood	Cal
MODEL ENG. & MFG. CORP., Adv Pg 480	50 Frederick St. Huntington	Ind
Ortronix, Inc.	Forsythe Rd. Dr. 8217, Orlando	Fla
RIXON ELECTRONICS INC., Adv Pg 412	2414 Reedie Dr. Silver Spring	Md

AMPLIFIERS — *MAGNETIC*

1. *COMPUTING TYPES (Incl. POWER, LOGIC, MEMORY, OPERATIONAL, ETC.)*
2. *POWER SUPPLY*
3. *PREAMPLIFIERS & LOW-LEVEL*
4. *PROPORTIONING*
5. *REGULATORS, VOLTAGE & CURRENT*
6. *SERVO*
7. *SPEED CONTROL*
8. *SWITCHES & RELAYS*

See Also REACTORS — *SATURABLE*

AC Electronics, Inc., 2-3-5-6	11725 Mississippi Ave. Los Angeles 25	Cal
ACDC ELECTRONICS, INC., 2, Adv Pg 182	2979 N Ontario St. Burbank	Cal
A R & D A, 6	135 Main St. Belleville 9	NJ
ACME ELECTRIC CORP., 2-7, Adv Pg 173	Water St. Cuba	NY
ACROMAG, INC., 1-3-4-5-6-7, Adv Pg 234	22515 Telegraph Rd. Southfield	Mich
Aerolab Development Co., 2-5	330 W. Holly St. Pasadena	Cal
Airborne Accessories Corp., 2-8	1414 Chestnut Ave, Hillside	NJ
AIRPAX ELECTRONICS INC. SEMINOLE DIV., 1-2-3-6-7, Adv Pg 106	Fort Lauderdale	Fla
American Electronics, Inc., Instrument Div., 6	9503 W. Jefferson Blvd, Culver City	Cal
American Electronics Inc. Precision Power Div., 2-6	1598 E Ross Ave. Fullerton	Cal
Amer-[illegible] Corp. Amer. Elec. Div., 2-5-8	2441 37th Ave. NE, Minneapolis 18	Minn
American Rectifier Corp., 2-5-7	97 Lafayette St. New York 13	NY
American Research & Mfg. Corp., 2-3-4-5-6	121 Halpine Ave. Rockville	Md
Ampex Mfg Co., 8	241 E 2nd St. Plainfield	NJ
Ampex Computer Products Co	Box 329, Culver City	Cal
Anelex Instrument Corp., 3	30 Canfield Rd. Cedar Grove	NJ
ANDERSEN LABS. INC., 1-3-4-6, Adv Pg 426	501 New Park Ave. W Hartford	Conn
Applied Control Corp., 2-5-6-7-8	1000 Main St. Hackensack	NJ
APPLIED ELECTRONICS CORP. OF NJ, 1-3-8, Adv Pg 518	22 Center St. Metuchen	NJ
Arnoux Corp., 1-2-6	11924 W. Washington Blvd, L.A. 66	Cal
Atlas Coil Inc., 2-5-7	63 Main St. Ansonia	Conn
Atlas Controls Inc., 2-3-4-5-7-8	Dept. EM, 9 Erie Dr. Natick	Mass
Baird-Atomic Inc., 2-3	33 University Rd. Cambridge 38	Mass
Barwood Electronics, Inc., 5	1205 Maryland Ave. Glendale 5	Cal
Basler Electric Co. Systems Sales 2-3-5-6-7	Box 269, Highland	Ill
Bayly Engineering Ltd., 1-2-3-6	Hunt St. Ajax	Ont
Beckman Instruments, Inc. Systems Div., 3	2400 Harbor Blvd. Fullerton	Cal
Bergen Labs. Inc., 5-7-8	60 Spruce St. Paterson 1	NJ
Beva Electronics Inc., 5	105 4th St. Trenton 8	NJ
BOWMAR INSTRUMENT CORP., 6-7, Adv Pg 36	8000 Bluffton Rd. Ft Wayne	Ind
Brach Mfg. Corp., 1-2-3-4-5-6-7-8	200 Central Ave. Newark	NJ
Bristol Co., 8	Box 1790 EBG, Waterbury 20	Conn
Budd Electronics Inc., 1-2	43-22 Queens St. Long Island City	NY
Burr-Brown Research Corp., 2-6	Box 6444, Tucson	Ariz
Bush Transformer Corp., 2-3-5-6-7	707 North St. Endicott	NY
CTS of Canada Ltd., 2-5	80 Thomas St. Streetsville	Ont
Cable Electric Products, 2	236 Dobell St. Providence	RI
California Magnetic Control Corp	11922 Valerio St, North Hollywood	Cal
Calmag Div. Calif. Magnetic Con. Corps., 2	11922 Valerio St. N Hollywood	Cal
Campbell Co. Inc., Colin, 3-5	Mry Brook Rd. Danbury	Conn
Canadian Research Institute, 2-5-6-7	85 Curlew Dr. Don Mills	Ont
Capehart Corp., 6	87-46 123rd St. Richmond Hill 18	NY
Carruthers & Fernandez, Inc.	1501 Colorado Ave, Santa Monica	Cal
Chance Vought Corp. Vought Electronics Div., 1-6	Box 1500, Arlington	Tex
Clifton Mfg. Co. Inc., 5-7	20 N Springfield Rd. Clifton Heights	Pa
Coil Co. of America Inc., 2	220 Washington St. Northvale	NJ
Coils-Electronics Co., 2	2939-49 N. 2nd St, Philadelphia 33	Pa
Coldstream Engineering Co., 3	Box 9099, Riverside, Kansas City 50	Mo
COMMUNICATION ACCESSORIES CO., 3-6, Adv Pg 79	Hwy 50 & 71 By Pass, Lee's Summit	Mo
Computers Inc., 1-2-3-4-5-8	3407 S Shepherd Dr. Houston 6	Tex
Consolidated Airborne Systems, 6	900 3rd Ave. New Hyde Park	NY
Consolidated Avionics Corp., 2-5	800 Shames Dr. Westbury	NY
Control Div. of Magnetics Inc., 1-3-4-5-6-7-8	Butler	Pa
Control Data Corp., Cedar Engr. Div., 3-6	501 Park Ave, Minneapolis 15	Minn
Control Technology Co., 1-3-6-7	1186 Broadway, New York 1	NY
Controlomag Labs., 3-8	2450 Susquehanna, Roslyn	Pa
Cook Electric Co., 2-3-8	2700 Southport Ave. Chicago 14	Ill
Cornwell Electronics Corp., 2-3-4-5-6-7-8	84 S Water St. Byram	Conn
Cutler-Hammer Inc., 7	411 N 12th St. Milwaukee 1	Wis
Datronics Inc., 1-2-3-4-5-6-7-8	100 Marlon Ave, Providence 9	RI
Data Equipment Co., 1	923 E. 3rd St, Los Angeles 13	Cal
Data Systems Dept. Norden Div. United Aircraft Corp., 6	3501 Harbor Blvd. Costa Mesa	Cal
Deltron Co., 2-3-5-7	14736 Aminta St. Van Nuys	Cal
Di/An Controls, Inc., 1-6	944 Dorchester Ave. Boston	Mass
DIETZ DESIGN, INC., 2-3, Adv Pg 226	Grandview 6	Mo
Digitrols, Inc., 5-7	8 Industry Lane, Cockeysville	Md
Djeco Div. Djordjevic Eng. Co., 2-5	1933 N Damen, Chicago 47	Ill
DORSETT ELECTRONICS, INC., 2, Adv Pg 299	Box 862, Norman	Okla
Dresser Electronics, HST Div., 2-5-6-7	555 N 5th St. Garland	Tex
Dresser Electronics SIE Div., 1-2-6	10201 Westheimer Rd. Houston 42	Tex
EMP Electronics Research Labs. Inc., 2	3131 N 29th Ave. Phoenix	Ariz
E. P. Electric Products Co. Ltd., 2-5-6-7	9770 Waverly St. Montreal 12	Can
ERA Pacific, Inc., 2-5	1760 Stanford St. Santa Monica	Cal
Electro Logic Corp., 3	515 Boccaccio Ave. Venice	Cal
Electro-Switch & Controls, Inc., 8	5755 Camille Ave, Culver City	Cal
Electrodynamic Instrument Corp., 5	1841 Old Spanish Trail, Houston 25	Tex
Electronic Development Corp., 5-6	423 W Broadway, Boston 27	Mass
Electronic Production & Development, Inc., 2	511 N. Prairie Ave, Hawthorne	Cal
Electronic Research Assoc., Inc., 2-5	67 Factory Pl, Cedar Grove	NJ
Engineer-Design & Development Co., 1-2-3	60 Pennington St. Newark 2	NJ
Engineered Magnetics Div., Gulton, 2-3-5-6	13041 Cerise Ave, Hawthorne	Cal
Epsco Inc. Components Div. 2-3-5	275 Massachusetts Ave. Cambridge 39	Mass
Epsco, Inc. Systems Div., 3	275 Mass. Ave. Cambridge 39	Mass
Epsco-West, 1	240 E. Palais Rd, Anaheim	Cal
Eric Engineering Co., 3	1823 Colorado Ave, Santa Monica	Cal
Escotronics, 2-5	7000 S Vine St. LaGrange	Ill
Fairchild Controls Corp., 8	225 Park Ave. Hicksville	NY
Fairfield Controls Inc., 2-3-5-6-7-8	114 Manhattan St. Stamford	Conn
Faxon Electronic Industries Inc., 2	439 Frelinghuysen Ave. Newark	NJ
Feedback Controls, Inc., 6	8 Erie Dr, Natick	Mass
Fidelity Instrument Corp., 2-5-6-7	1002 E Boundary Ave. York	Pa
Ford Instrument Co. Div. Sperry Rand Corp., 1-2 6-7	31-10 Thomson Ave. Long Island City 1	NY
Fork Standards Inc., 2	1915 N Harlem Ave. Chicago 35	Ill
FREED TRANSFORMER CO. INC., 2-3-4-5-6-7, Adv Pg 524	1736 Weirfield St. Brooklyn 27	NY
Garrett Corp., The, 6	9851 Sepulveda Blvd, Los Angeles 45	Cal
GENERAL ELECTRIC CO. APPARATUS SALES, 1-3-4-5-7-8, Adv Pgs 8, 9	1 River Rd. Schenectady 5	NY
GENERAL MAGNETICS, INC., 1-2-3-4-5-6-7-8, Adv Pg 543	Dept B, 2641 Louisiana Ave. Mapls 26	Minn
GENERAL MAGNETICS INC., 1-2-5-6, Adv. Pgs. 327, 328	135 Bloomfield Ave. Bloomfield	NJ
Geotronic Labs. Inc., 2-3	1314 Cedar Hill Ave. Dallas 8	Tex
Gerst & Co., Paul E., 2-5-7	4868 N Clark, Chicago 40	Ill
Green Rectifier Co., 2-5	1-10 30th St. Fair Lawn	NJ
Gulton Industries, Inc., 2-3-5-6	212 Durham Ave. Metuchen	NJ
Hadley Co., Inc., Robert H.	5112 S. Hoover St, Los Angeles 37	Cal
Hall Mfg. Co., 1-2-3-6-7-8	3901 Wesley Terr. Schiller Park	Ill
HARREL INC., 1-3-4-8, Adv Pg 332	1788 1st Ave. New York 28	NY
H-S Instrument Div., Marion Instrument Co., 2	4525 W. 160th St, Cleveland 35	Ohio
Inductor Engineering Inc., 2-6-8	119 Schley Ave. Lewes	Del
Industrial Control Co., 6-7	Central at Pinelawn, Farmingdale	NY
Instrument Systems Corp., 2-5	129-07 18th Ave. College Point 56	NY
Intercontinental Electronics Corp., 2-5	300 Shames Dr. Westbury 29	NY
INTERELECTRONICS CORP., 2-5-6-7-8, Adv Pg 521	2432 Grand Concourse, New York 58	NY
International Research Associates	2221 Warwick Ave, Santa Monica	Cal
Intl. Tel. & Tel. Corp. Ind. Prods. Div., 2	15191 Bledsoe St. San Fernando	Cal
Invar Electronics Corp., 2-5	1723 Cloverfield Blvd. Santa Monica	Cal
Jack & Heintz Div. Siegler Corp., 5-7	Box 6719, Cleveland 1	Ohio
Johnson Electronics Inc., 2	Box 1675, Casselberry	Fla
Kaiser Electronics, Inc., 2-5	43 Monroe St. Union	NJ
Kato Engineering Co., 5	1415 1st Ave. Mankato	Minn
KEARFOTT DIV. GEN PRECISION INC., 2-6, Adv Pg 394	Little Falls	NJ
Kenyon Transformer Co., Inc., 2-5	1057 Summit Ave, Jersey City 7	NJ
KEPCO, INC., 5 Adv Pg 93-96	131-38 Sanford Ave. Flushing 52	NY
Ketay Dept., Norden Div., United Aircraft Corp., 6	Jericho Tpke, Commack	NY
Land-Air, Inc., 3-6	7444 W. Wilson Ave, Chicago 31	Ill
Leach Corp., 5	18435 Susana Rd, Compton	Cal
Lee Electric & Mfg. Co., 2-5	2806 Clearwater St, Los Angeles 39	Cal
Librascope, Div. General Precision Inc., 1-3	808 Western Ave. Glendale	Cal
Loral Electronics Corp., 1-2-3-6-8	825 Bronx River Ave. New York 72	NY
Lumen, Inc., 1-2-3-4-5-6-7-8	Box 505, Joliet	Ill
Magnavox Co., 1-2-3-5-6	2131 Bueter Rd. Fort Wayne 4	Ind
Magnecord by M. I., 3	Box 7509, Tulsa 18	Okla
MAGNETIC AMPLIFIERS DIV. SIEGLER CORP., 1-2-3-4-5-6-7-8, Adv Pg 295	632 Tinton Ave. New York 55	NY
Magnetic Circuit Elements, Inc., 2-3-5-6	3722 Park Pl. Montrose	Cal
MAGNETIC CONTROLS CO., 4 Adv Pg 47	6329 Cambridge St. Minneapolis 16	Minn
Magnetic Research Corp., 2-3-5-6	3160 W. El Segundo Blvd, Hawthorne	Cal
Magnetic Specialties, Inc., 2-5	P.O. Box 476, Trenton 3	NJ
Magnetico Inc., 1-2-3-4-5-6	6 Richter Ct. E Northport	NY
Magnetics Research Co., 1	256 Grove St. White Plains	NY
Marquardt Corp. Pomona Div., 1-2-3-4-5-6-7-8	2709 N Garey Ave. Pomona	Cal
Mechatrol Div. Servomechanisms, Inc., 6	1200 Prospect Ave. Westbury	NY
Medistor Instrument Co., 3	1443 Northlake Way, Seattle	Wash
Microdot, Inc., 1-2	220 Pasadena Ave. South Pasadena	Cal
Microning Instrument Corp., 2-3-4-5-6-7-8	115 Hallock St, Roxbury	Mass
Midwestern Instruments, Inc., 6	Box 7509, Tulsa 18	Okla
Minn-Honeywell, Brown Instruments Div., 4	Wayne & Windrim Aves. Philadelphia 44	Pa
Minn-Honeywell, Military Prods Gr., 5	2600 Ridgway Rd. Minneapolis 13	Minn
Missouri Research Labs., Inc., 6	2109 Locust St, St. Louis 3	Mo
MODEL ENG. & MFG. CORP., 2-4-8, Adv Pg 480	50 Frederick St. Huntington	Ind
Moran Instrument Corp., 6	170 E Orange Grove Ave. Pasadena 3	Cal
NJE Corp., 2	20 Boright Ave. Kenilworth	NJ
Networks Electronic Corp., 2-3-5-6	14806 Oxnard St. Van Nuys	Cal
Nichols, Ltd., R.H., 2-5	4544 Dufferin St. Downsview	Ont
Norbatrol Electronics Corp., 1-2-3-4-5-6-7-8	356 Collins Ave. Pittsburgh 6	Pa
Norden Div. United Aircraft Corp., 6	Helen St. Norwalk	Conn
Nortronics, Div Northrop Corp., 1	222 N Prairie Ave. Hawthorne	Cal
ORTHO FILTER CORP., 2, Adv Pg 286	7 Paterson St. Paterson 1	NJ
Ortronix, Inc., 1	Forsythe Rd. Dr. 8217, Orlando	Fla
Osborne Electronics Corp., 2	712 SE Hawthorne Blvd. Portland 14	Ore
Oster Mfg Co. John, Avionics Div., 6	1 N Main St. Racine	Wis
OVITRON CORP., 2-4-5-6-7-8, Adv Pg 540	42-62 Johnes St. Newburgh	NY
P. R. L. Electronics Inc., 2-5	232 Westcott Dr. Rahway	NJ
Pacific Magnetic Corp., 1-2-3-4-5-6-7-8	Electronic Center, Romoland	Cal
Pacific Scientific Co., 3	P O Box 22019, Los Angeles 22	Cal
Palo Alto Engineering Co., 2-5	620 Page Mill Rd, Palo Alto	Cal
Philco Corp. Govt & Ind Div., 1	4700 Wissahickon Ave. Phila 44	Pa
Phoenix Precision Instrument Co., 6	3805 N 5th St. Philadelphia	Pa
Piezo Products Co., 2-3	Whitney St. Sharon	Mass
Pintsch Bamag AG, 2-5-7	Postfach 11, Butzbach, Germany	
Polyphase Instrument Co., 2-3-5-6-7	E 4th St. Bridgeport	Pa
Power Instruments Corp., 2-3-5-6	235 Oregon St. El Segundo	Cal
Power Supplies, Inc., 1-2-3-5-6-7	1007 Olive St, Highland	Ill
Radiation Technology, Inc., 3	657 Antone St. NW Atlanta 18	NJ
Radio Div. & Research Corp., 5-6-7	100 Penna. Ave. Paterson 3	NJ
REFLECTONE ELECTRONICS, INC., 6, Adv Pg 548	W Main & Myano La. Stamford	Conn
Regulators, Inc., 2-5-7	455 W Main St. Wyckoff	NJ
Remington Rand Univac Div. Sperry Rand Corp., 2	315 Park Ave. S, New York 10	NY
Rese Engineering Corp., 1	A & Courtland Sts. Phila 20	Pa
Research Industrial Labs. of Electronics, 3-8	Paolyn	Pa
RIXON ELECTRONICS INC., 1-8, Adv Pg 412	2414 Reedie Dr. Silver Spring	Md
Robinette Co., W. C., 6-7	802 Fair Oaks Ave, South Pasadena	Cal
Rytron Co. Inc., 3-5-6	7301 Lankershim Blvd. N Hollywood	Cal
San Diego Scientific Corp., 1-2-3	3434 Midway Dr, San Diego 10	Cal
Sargent-Rayment Co., 3	402 Hester Ave. San Leandro	Cal
Servomechanisms, Inc., 1-2-4-5-6-7	200 N Aviation Blvd. El Segundo	Cal
Servo-Tek Products Co., Inc., 2-5-6-7	1086 Goffle Rd, Hawthorne	NJ
Shawmut Engineering Co., 2-5	195 Freeport St. Boston	Mass
SIGMA INSTRUMENTS INC., 5-7-8, Adv Pgs 169-172	180 Pearl St. S Braintree 85	Mass
Space Electronics Corp., 3	930 Air Way, Glendale 1	Cal
Sparton Corp., 2-3-5-6-8	2400 E Ganson St. Jackson	Mich
Spec-Tronics, 2-3	13942 Saticoy Ave, Van Nuys	Cal
Sperry Phoenix Co. Div. Sperry Rand Corp., 6	21111 N 19th Ave. Phoenix 27	Ariz
Sprague Engineering Corp., 2-5	19300 S. Vermont Ave, Gardena	Cal
Sterling Instrument Div., 2-6	17 Matinecock Ave. Port Washington	NY
Sun Electric Co., 2-5-6	6323 Avondale St. Chicago 31	Ill
Superior Electric Co., The, 2	383 Middle St. Bristol	Conn
Tektronix Inc., 3	Box 500, Beaverton	Ore
Temco Electronics Div. Temco Electronics & Missiles Co., 3	Box 6191, Dallas 22	Tex
Teleo Electronics Inc., 2-3-5-6-7-8	108 Cummington St. Boston	Mass
Tenney Engineering Inc., 7	1090 Springfield Rd. Union	NJ
Thermovolt Instruments Ltd., 8	70 Advance Rd. Toronto 18	Ont
Thompson Ramo Wooldridge Inc. Tapco Group, 5-7	23555 Euclid Ave. Cleveland 17	Ohio
Thordarson-Meissner Mfg. Co., 2-5-7	7th & Belmont Ave. Mt. Carmel	Ill
Toroids Unlimited Inc., 2-5-6-7-8	3830 Terrace St. Philadelphia 28	Pa
TOROTEL INC., 1-2-3-4-5-6-8, Adv Pg 496	5512 E 110th St. Kansas City 37	Mo
TORWICO ELECTRONICS INC., 2-3-4-5-6-7-8, Adv Pgs 491, 492	Route 70, Lakewood	NJ
Transformer Engineers, 2	285 N. Halstead Ave, Pasadena	Cal
Transformer Specialty Co., 2-5	1400 Mill Creek Rd. Glenolden	Pa
Transline Electronic Mfg. Co., 2	503 McCarter Hwy. Newark 2	NJ
Transval Electronics Corp., 2-3	2000 Maple Ave, El Segundo	Cal
Tresco Inc., 1-2-3-5-6	3824 Terrace St. Philadelphia 28	Pa
United Control Corp., 1-2-4-5-6-8	Overlake Ind Pk, Box 3014, Seattle	Wash
UNITED TRANSFORMER CORP., 6, Adv Pg 2nd Cover 1, 2	150 Varick St. New York 13	NY
Universal Match Corp. Armament Div., 6	472 Paul Ave. St Louis 35	Mo
Universal Toroid Coil Winding Inc., 2-3-5	171EB Coit St. Irvington 11	NJ
VARI-L CO., INC., 6 Adv Pg 126	Box 1433, Stamford	Conn
VARO, INC., 1-2-3-4-5-6-7-8 Adv Pg 118	2201 Walnut St. Garland	Tex
Vickers Inc. Electric Products Div., 1-2-5-6	1859 Locust St. St Louis 3	Mo
Voi-Shan Electronics, 3-5-6	13259 Sherman Way, North Hollywood	Cal
Warren Mfg. Co., Inc., 2-5	Newtown Rd, Littleton	Mass
Wickes Engineering & Construction Co., 2-5-7	12th St. & Ferry Ave. Camden 4	NJ
Winder Aircraft Corp., 2	Dunnellon Air Base, Dunnellon	Fla

AMPLIFIERS — *MEDICAL INSTRUMENT*

Airtronics, Inc	5522 Dorsey Ln, Washington 16	DC
Brach Mfg. Corp	200 Central Ave, Newark	NJ
California Magnetic Control Corp	11922 Valerio St, North Hollywood	Cal
Coldstream Engineering Co	Box 9099, Riverside, Kansas City 50	Mo
Cornwell Electronics Corp	84 S Water St. Byram	Conn
Dresser Electronics SIE Div	10201 Westheimer Rd. Houston 42	Tex
Dynameans, Inc	4620 Ethele Ave. Sherman Oaks	Cal
Electro-Medical Lab. Inc	South Woodstock 8	Vt
Farrall Instrument Co	Box 658, Grand Island	Neb
Fidelity Amplifier Co	1633 N Halsted St. Chicago 14	Ill
GENERAL MAGNETICS, INC., Adv Pg 543	Dept B, 2641 Louisiana Ave. Mapls 26	Minn
Good Electronic Corp	Box 2406, W Palm Beach	Fla
Gulton Industries, Inc	212 Durham Ave, Metuchen	NJ
Industrial Control Co	Central Ave. at Pinelawn, Farmingdale	NY
INTERELECTRONICS CORP., Adv Pg 521	2432 Grand Concourse, New York 58	NY
K-F Products, Inc	3100 E 43rd Ave. Denver 16	Colo
Magnavox Co	2131 Bueter Rd. Fort Wayne 4	Ind
MAGNETIC AMPLIFIERS DIV. SIEGLER CORP., Adv Pg 295	632 Tinton Ave. New York 55	NY
Mason Instrument Co. Inc	Box 683, Mamaroneck	NY
Melcor Electronics Corp	48 Toledo St. Farmingdale	NY
Midwestern Instruments, Inc	Box 7509, Tulsa 18	Okla
Missouri Research Labs., Inc	2109 Locust St, St. Louis 3	Mo
PHILBRICK RESEARCHES INC., GEORGE A., Adv Pg 166	127 Clarendon St. Boston 16	Mass
Summit Electronics, Inc	7 Industrial Pl, Summit	NJ
TORWICO ELECTRONICS INC., Adv Pgs 491, 492	Route 70, Lakewood	NJ
Transline Electronic Mfg. Co	503 McCarter Hwy. Newark 2	NJ

AMPLIFIERS — *MICROWAVE*

1. *CARCINOTRON*
2. *KLYSTRON*
3. *MAGNETRON*
4. *MASER*
5. *PARAMETRIC*
6. *RADAR*
7. *SPECTRUM*
8. *TRAVELING WAVE TUBE*
9. *TRIODE*

AIRBORNE INSTRUMENTS LAB. DIV. CUTLER-HAMMER INC., 4-5-6, Adv Pg 151	Comac Rd. Deer Park	NY
Airtron, Div of Litton Industries, 5-6-9	200 E Hanover Ave. Morris Plains	NJ

Alfred Electronics, 8	897 Commercial St. Palo Alto	Cal
Amerac, Inc., 2-6-9	Dunham Rd, Beverly	Mass
AMERICAN ELECTRONIC LABS. INC., 8, Adv Pg 362	**121 N 7th St. Philadelphia 6**	**Pa**
Amtron Corp., 9	17 Felton St. Waltham	Mass
Applied Technology, Inc., 8	930 Industrial Ave. Palo Alto	Cal
Ardwin Microlab Inc., 6	71 Spencer St. Stoneham 80	Mass
Atlee Corp. Applied Dynamics Div., 7	33 Bear Hill Rd. Waltham	Mass
Bell Aerospace Corp., 6	Box 1, Buffalo 5	NY
Bogart Mfg Corp., 5-6	315 Seigel St. Brooklyn 6	NY
Browning Labs., Inc., 2	100 Union Ave. Laconia	NH
Canadian Aviation Electronics Ltd., 5	Box 2000, Montreal 9	P.Q.
Canadian Marconi Co., 2-8-9	2444 Trenton Ave. Montreal	Que
Canoga Div., Underwood Corp., 8	15330 Oxnard St, Van Nuys	Cal
Capehart Corp., 5-8	87-46 123rd St. Richmond Hill 18	NY
Continental Electronics, 9	312 E Imperial Hwy. El Segundo	Cal
CETRON ELECTRONICS CORP., 9, Adv Pg 379	**715 Hamilton, Geneva**	**Ill**
Chance Vought Corp. Vought Electronics Div., 3 5-6-9	Box 1500, Arlington	Tex
Coax Devices, 5	Box V, Chelsea 50	Mass
CONTROL ELECTRONICS CO. INC., 5, Adv Pg 444	**10 Steper Pl. Huntington Sta**	**NY**
Data Equipment Co., 5	923 E. 3rd St. Los Angeles 13	Cal
Defense Electronics, Inc., 7-8	5451-B Randolph Rd, Rockville	Md
Dielectric Products Engg. Co. Inc., 4-5	Raymond	Me
DOUGLAS MICROWAVE CO. INC., 3-6-9, Adv Pg 235	**252 E 3rd St. Mt Vernon**	**NY**
EITEL-McCULLOUGH INC., 2-6-8-9, Adv Pgs 57-60	**301 Industrial Way, San Carlos**	**Cal**
EMPIRE DEVICES INC., 2-6-9, Adv Pg 132	**Amsterdam**	**NY**
FXR INC., 2-3-6, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Frequency Standards Div. Harvard Industries Inc., 2-5-9	Box 504, Asbury Park	NJ
General Communication Co., 9	677 Beacon St, Boston 15	Mass
General Electronic Labs, Inc., 9	8521 2nd Ave. Silver Spring	Md
General Microwave Corp., 1	47 Gazza Blvd. Farmingdale	NY
General Radio Co., 2	West Concord	Mass
Gilfillan Bros., Inc., 5-6	1815 Venice Blvd, Los Angeles 6	Cal
Globe Electronics, Div. Textron Electronics, Inc., 9	22-30 S 34th St. Council Bluffs	Iowa
Gombos Co., Inc., John, 9	Webro Rd, Clifton	NJ
HALLICRAFTERS CO., 1-2-3-4-5-6-7-8-9, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
HEWLETT-PACKARD CO., 8, Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
Huggins Laboratories, Inc., 8	999 Arques Ave. Sunnyvale	Cal
Hughes Microwave Components Div., 5	Florence & Teale, Culver City	Cal
Hughes Microwave Tube Div., 8	Bldg 124 Mail Sta 205, Box 90427 Int Airport Sta, Los Angeles 45	Cal
ITT Federal Labs Div. ITT Corp., 1-2-3-4-5-6-7-8-9	500 Washington Ave. Nutley	NJ
INSTRUMENTS FOR INDUSTRY INC., 4-5-6, Adv Pgs 386, 387	**101 New South Rd. Hicksville**	**NY**
KEARFOTT DIV. GEN PRECISION INC., 5, Adv Pg 394	**Little Falls**	**NJ**
Kearfott Div. Gen. Precision Inc. Microwave Prods., 5-6	14844 Oxnard St. Van Nuys	Cal
Kellogg Switchboard & Supply Co., 5	6650 S. Cicero Ave, Chicago 38	Ill
Lear Inc., 2-5	3171 S Bundy Dr. Santa Monica	Cal
LEL INC., 5-8-9 Adv Pg 461	**75 Akron St. Copiague**	**NY**
LITTON INDUSTRIES, ELECTRON TUBE DIV., 1-2-3-6-8, Adv Pg 349	**960 Industrial Rd. San Carlos**	**Cal**
Loral Electronics Corp., 2-4-5-6-8-9	825 Bronx River Ave. New York 72	NY
Magnavox Co., 5-7-8	2131 Bueter Rd. Fort Wayne 4	Ind
Marconi's Wireless Telegraph Co. Ltd., 2-9	750 3rd Ave. New York 17	NY
Marquardt Corp. Pomona Div., 6-9	2709 N Garey Ave. Pomona	Cal
Martin Co., 4-5-7	Mail No. G3037, Baltimore 3	Md
Maxson Electronics Corp., 5-6	475 10th Ave. New York 18	NY
MENLO PARK ENGINEERING, 6-8, Adv Pg 413	**711 Hamilton Ave. Menlo Park**	**Cal**
Metcom, Inc., 1-2-3-8	76 Lafayette St. Salem	Mass
Micro State Electronics Corp., 5	Box 333, Murray Hill	NJ
Microtech, Inc., 5	Millstone Rd. Cheshire	Conn
Microwave Associates, Inc., 3-5-8	Burlington	Mass
Microwave Semiconductor & Inst. Inc., 8	116-06 Myrtle Ave. Richmond Hill 18	NY
MODEL ENG. & MFG. CORP., 2-3-6-8, Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Peer Inc., 6	2624 Shelby St. Dallas 19	Tex
Philco Corp. Govt & Ind Div., 2-6	4700 Wissahickon Ave. Phila 44	Pa
Pioneer Log Corp., 6-9	237 Lafayette St. New York 12	NY
POLARAD ELECTRONICS CORP., 7, Adv Pg 269-272	**43-20 34 St. Long Island City 1**	**NY**
R.L.C. Electronics, Inc., 9	925 Mamaroneck Ave. Mamaroneck	NY
R S ELECTRONICS CORP., 6, Adv Pg 305	**Box 11368, Sta A, Palo Alto**	**Cal**
Radiation at Stanford, 1-2-3-6-8-9	3180 Hanover St. Palo Alto	Cal
Radio Engineering Labs., Inc., 2-5-8	29-01 Borden Ave, Long Island City 1	NY
Ram Electronics, Inc., 6	600 Industrial Ave, Paramus	NJ
Ramage & Miller Inc., 1-2-3-6-8	150 S 2nd St. Richmond	Cal
RAYTHEON CO. MICROWAVE & POWER TUBE DIV., 1-2-3-4-5-6-8, Adv Pgs 38, 39	**Spencer Lab Wayside Ave. Burlington**	**Mass**
RAYTHEON CO. SPEC MICROWAVE DEV OPER., 5, Adv Pgs 38, 39	**Waltham Industrial Park, Waltham 54**	**Mass**
Resdel Engineering Corp., 9	330 S Fair Oaks Ave. Pasadena	Cal
Ryan Electronics Div. Ryan Aero. Co., 6	5650 Kearny Mesa Rd. San Diego 12	Cal
Sage Laboratories, Inc., 5	3 Huron Dr, Natick	Mass
SIERRA ELECTRONIC CORP., 2-9, Adv Pgs 128, 129	**3885 Bohannon Dr. Menlo Park**	**Cal**
Sigma Electronics Research Corp., 2	15735 Aurora Blvd. Seattle 6	Wash
SOLID STATE ELECTRONICS CO., 5-6, Adv Pg 238	**Dept E 15321 Rayen St. Sepulveda**	**Cal**
Sperry Electronic Tube Div. Sperry Rand Corp, 2-8	Box 652, Gainesville	Fla
Sperry Microwave Electronics Co., 5	P.O. Box 1828, Clearwater	Fla
Standard Tel. & Cables Ltd., 8	29 Glasshouse Yard, London	Eng
Strand Engineering Co., 6	7300 Huron River Dr. Dexter	Mich
Sylvania Electronic Systems, 2-3-6-8	63 Second Ave, Waltham	Mass
Temco Electronics Div. Temco Electronics & Missiles Co., 8	Box 6191, Dallas 22	Tex
Texas Instruments Incorporated, Appar Div. Govt Prods Gr., 5	Box 6015, Dallas 22	Tex
TOKYO DENKI SEIKI CO. LTD., 2, Adv Pg 264	**11 2-chome, Nakamachi, Kanda, Chiyoda-ku, Tokyo**	**Jap**
Trak Electronics Co. Inc., 9	49 Danbury Rd. Wilton	Conn
Transline Electronic Mfg. Co., 8	503 McCarter Hwy. Newark 2	NJ
Tucor Inc., 5-8	33 Danbury Rd. Wilton	Conn
United Shoe Machinery Corp., 5-6-7	140 Federal St. Boston	Mass
Varian Associates, 2-3-5-6-8	611 Hansen Way, Palo Alto	Cal
Watkins-Johnson Co., 2-5-6-8	3333 Hillview Ave, Palo Alto	Cal
Zenith Radio Corp., 5	6001 Dickens Ave, Chicago 39	Ill

AMPLIFIERS-MUSICAL INSTRUMENT See **AMPLIFIERS** -*A-F*
AMPLIFIERS-NULL See **AMPLIFIERS** -*INSTRUMENTATION*
AMPLIFIERS-OPERATIONAL See **AMPLIFIERS** -*COMPUTER*
AMPLIFIERS-PHOTOELECTRIC See **CONTROLS** -*PHOTOELECTRIC*
AMPLIFIERS-RECORDING, INSTRUMENTATION See **AMPLIFIERS** -*INSTRUMENTATION*

AMPLIFIERS -*R-F*

1. *GENERAL-PURPOSE*
2. *NARROW-BAND*
3. *PEAK-LIMITING*
4. *POWER*
5. *PREAMPLIFIERS (BOOSTERS), A-M, F-M & COMMUNICATION POWER*
6. *PREAMPLIFIERS, OSCILLOSCOPE*
7. *PULSE*
8. *PULSE-LIMITING*
9. *SPECTRUM*
10. *SWEEP*
11. *VIDEO*
12. *VIDEO MIXER*
13. *WIDE-BAND*

AC Electronics, Inc	11725 Mississippi Ave. Los Angeles 25	Cal
ACF Electronics Div., 1-11	Riverdale	Md
A R & D A, 2-4-5-7-8-11	135 Main St. Belleville 9	NJ
Adler Electronics Inc., 13	1 Lefevre Ln. New Rochelle	NY
ADVANCED ELECTRONICS CORP., 2, Adv Pg 404	**2 Commercial St. Hicksville**	**NY**
AIRBORNE INSTRUMENTS LAB. DIV. CUTLER-HAMMER INC., 1-13, Adv Pg 151	**Comac Rd. Deer Park**	**NY**
Aircraft Armaments Inc., 5	Cockeysville	Md
Airmec Ltd., 13	High Wycombe, Buckinghamshire, England	
Alpha Instrument Co., 13	43 Hempstead St, New London	Conn
Amerac, Inc., 7	Dunham Rd, Beverly	Mass
AMERICAN ELECTRONIC LABS. INC., 11-13, Adv Pg 362	**121 N 7th St. Philadelphia 6**	**Pa**
American Elite, Inc. (Telefunken), 5	48-50 34 St. Long Island City 1	NY
Analab Instrument Corp., 6	30 Canfield Rd, Cedar Grove	NJ
ANDERSEN LABS. INC., 5-6-11-13, Adv Pg 426	**501 New Park Ave. W Hartford**	**Conn**
Antennavision Inc., 5-11-13	Box 11326, Phoenix	Ariz
APPLIED RESEARCH INC., 1-2-4-5-9-13, Adv Pg 124	**76 S Bayles Ave. Port Washington**	**NY**
Applied Technology, Inc., 4-5-13	930 Industrial Ave. Palo Alto	Cal
ARENBERG ULTRASONIC LAB. INC., 13, Adv Pg 504	**94 Green St. Jamaica Plain 30**	**Mass**
Ascop Div of Electro-Mechanical Research, Inc., 4	Box 44, Princeton	NJ
Babcock Electronics Corp., 4	1640 Monrovia Ave. Costa Mesa	Cal
Baird-Atomic Inc., 7	33 University Rd. Cambridge 38	Mass
Barker & Williamson Inc., 1-4-13	Canal & Beaver Sts. Bristol	Pa
Bay-Tronic Co., 1-4	39-43 Evergreen St. Bayonne	NJ
Bell Aerospace Corp., 1-7	Box 1, Buffalo 5	NY
Benco Television Associates, Ltd., 1-5-13	27 Taber Rd. Rexdale, Ont	Can
Blonder-Tongue Laboratories, Inc., 1-5-11-13	9 Alling St. Dept. EBG, Newark	NJ
BOONTON RADIO CORP., 4, Adv Pg 282	**50 Intervale Rd. Boonton**	**NJ**
Budd Electronics Inc., 1-2-5-13	43-22 Queens St. Long Island City	NY
California Magnetic Control Corp., 4-7-8	11922 Valerio St, North Hollywood	Cal
Canadian Marconi Co., 1-2-4-11-13	2444 Trenton Ave. Montreal	Que
Canoga Div., Underwood Corp., 1	15330 Oxnard St, Van Nuys	Cal
Capehart Corp., 1	87-46 123rd St. Richmond Hill 18	NY
Continental Electronics, 5-13	312 E Imperial Hwy. El Segundo	Cal
Central Electronics, Inc., 4	1247 W. Belmont Ave, Chicago 13	Ill
Chance Vought Corp. Vought Electronics Div., 1-8-12-13	Box 1500, Arlington	Tex
Clegg Laboratories, 7	Rt. 53, Mt. Tabor	NJ
Coils-Electronics Co., 1	2539-49 N. 2nd St, Philadelphia 33	Pa
Collins Radio Co., 4	5200 C Ave. NE, Cedar Rapids	Iowa
Community Engineering Corp., 1-5-11-13	Box 824, State College	Pa
Computer Equipment Corp., 7	11612 W Olympic Blvd. Los Angeles 64	Cal
Continental Electronics Mfg Co. Sub Ling-Temco Electronics, Inc., 2-4-7-11-13	4212 S Buckner Blvd. Dallas 27	Tex
CONTROL ELECTRONICS CO. INC., 7, Adv Pg 444	**10 Steper Pl. Huntington Sta**	**NY**
Dage Div Thompson Ramo Wooldridge, Inc., 11-13	Michigan City	Ind
Data Equipment Co., 6	923 E. 3rd St, Los Angeles 13	Cal
Decitron Electronics Corp., 1-4-8-13	850 Shepherd Ave. Brooklyn 8	NY
Decker Corp., 1-4-7	45 Monument Rd. Bala Cynwyd	Pa
Defense Electronics, Inc., 1-2-5-7-9-11-13	5451-B Randolph Rd, Rockville	Md
Denson Electronics Corp., 1-5	Box 85, Rockville	Conn
Digital Equipment Corp., 7	Maynard	Mass
Dow-Key Co. Inc., 5	Hwy. 59 SE, Thief River Falls	Minn
Dresser Electronics SIE Div., 2-4-13	10201 Westheimer Rd. Houston 42	Tex
Dukane Corp., 1-4-5	St Charles	Ill
Dynamerics, Inc., 7-11-12-13	4620 Ethele Ave. Sherman Oaks	Cal
EDGERTON, GERMESHAUSEN & GRIER INC., 13, Adv Pg 284	**160 Brookline Ave. Boston**	**Mass**
Electro-Mechanical Research, Inc., 4	Box 3041, Sarasota	Fla
Electronic Specialty Co., 1-2-4-13	5121 San Fernando Rd. Los Angeles 39	Cal
Electronics, Missiles & Commun. Inc., 5	262 E 3rd St. Mt. Vernon	NY
EMPIRE DEVICES INC., 5-7-13, Adv Pg 132	**Amsterdam**	**NY**
Entron, Inc., 11-12-13	4902 Lawrence St, Bladensburg	Md
Eric Engineering Co., 1-5-6	1823 Colorado Ave, Santa Monica	Cal
FXR INC., 4-7, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Fen-Tone Corp., 5-6	106 5th Ave. New York 11	NY
Ferrotran Electronic Co. Inc., 1-2-4-11-13	693 Broadway, New York 12	NY
Franklin Systems, Inc., 7-13	Box 3250, W Palm Beach	Fla
Frequency Standards Div. Harvard Industries Inc., 2-4	Box 504, Asbury Park	NJ
FRONTIER ELECTRONICS CO., 1-11, Adv Pg 193	**4606 Memphis Ave. Cleveland 9**	**Ohio**
Gates Radio Co., 3-5	123 Hampshire St. Quincy	Ill
General Communication Co., 1	677 Beacon St, Boston 15	Mass
GENERAL DEVICES INC., 7, Adv Pg 518	**Box 253, Princeton**	**NJ**
General Dynamics/Electronics, 1-2-13	100 Carlson Rd. Rochester 3	NY
General Electronic Labs, Inc., 5	8521 2nd Ave. Silver Spring	Md
General Instrument of Canada Ltd., 1-4-5	151 Weber St. S, Waterloo	Ont
GENERAL MAGNETICS, INC., 1-4-5-7-8, Adv Pg 543	**Dept B, 2641 Louisiana Ave. Mapls 26**	**Minn**
General Radio Co., 1-7-10-11-13	West Concord	Mass
General Ultrasonics Co., 4	67 Mulberry St, Hartford 3	Conn
Gilfillan Bros. Inc., 4-5-6-7-10-11-12-13	1815 Venice Blvd. Los Angeles 6	Cal
Globe Electronics, Div Textron Electronics Inc 1-4	22-30 S. 34th St, Council Bluffs	Iowa
Goldak Co., Inc., 2	Dept. E, 1544 W. Glenoaks, Glendale 1	Cal
HRB-Singer, Inc., 1-5-13	Science Park, State College	Pa
HALLICRAFTERS CO., 2-4-5-6-7-8-9-11-12-13 Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
Hathaway Instruments Inc., 7	5812 E Jewell Ave. Denver 22	Colo
Heath Co. A Sub of Daystrom, Inc., 4	Benton Harbor	Mich
HEWLETT-PACKARD CO., 6-7-13, Adv. Pgs. 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
Hickok Electrical Instrument Co., 6	10532 Dupont Ave. Cleveland 8	Ohio
Hughes Industrial Systems Div., 6	Bldg 116, Mail Sta 25, Int Airport Sta. Los Angeles 45	Cal
I. D. E. A., Inc., 1	7900 Pendleton Pike, Indianapolis 26	Ind
ITT Federal Labs Div. ITT Corp., 1-2-3-4-5-6-7-8-9-10-11-12-13	500 Washington Ave. Nutley	NJ
Image Instruments Inc., 10-11	2300 Washington St. Newton Lower Falls	Mass
Instrument Corp. of Florida, 1-2-3-4-5-6-7-8-9-10-11-12-13	Box 1226, Melbourne	Fla
INSTRUMENTS FOR INDUSTRY INC., 1-2-3-4-5-6-11-12-13, Adv Pgs 386, 387	**101 New South Rd. Hicksville**	**NY**
International Crystal Mfg Co., 1	18 N Lee St. Oklahoma City	Okla
Intl. Tel. & Tel. Corp. Ind. Prods. Div., 5	15191 Bledsoe St. San Fernando	Cal
Isotope Developments Ltd., 7	Bath Rd Beenham, Reading, Berks	Eng
Jerrold Electronics Corp., 5-6-11-13	15th & Lehigh, Philadelphia 32	Pa
KAY ELECTRIC CO., 6 Adv Pg 347, 348	**Maple Ave, Pine Brook**	**NJ**
KIN TEL DIV. COHU ELECTRONICS, 13, Adv Pgs 244, 245, 247	**5725 Kearny Villa Rd. San Diego 12**	**Cal**
Land-Air, Inc., 1-4	3414 W. Wilson Ave, Chicago 31	Ill
Lear Inc., 1-2-7-13	3171 S Bundy Dr. Santa Monica	Cal
LEL INC., 1-2-3-4-5-7-8-11-12-13 Adv Pg 461	**75 Akron St. Copiague**	**NY**
Lewis & Kaufman Electronics Corp., 1-7	Box 337, Los Gatos	Cal
Loral Electronics Corp., 1-2-3-4-5-7-8-11-12-13	825 Bronx River Ave. New York 72	NY
Magnavox Co., 5-13	2131 Bueter Rd. Fort Wayne 4	Ind
Magnecord by M. I., 5	Box 7509, Tulsa 18	Okla
MAICO ELECTRONICS, INC., 5-13, Adv Pg 153	**21 N 3rd St. Minneapolis 1**	**Minn**
Marconi's Wireless Telegraph Co. Ltd., 1-13	750 3rd Ave. New York 17	NY
Marquardt Corp. Pomona Div., 1-2-3-4-5-7-8-9-10-11-12-13	2709 N Garey Ave. Pomona	Cal
Maxson Electronics Corp., 11	475 10th Ave. New York 18	NY
Medstar Instrument Co., 6	1441 Nantucket Way, Seattle	Wash
Melpar Electronics Corp., 7	41 Toledo St. Farmingdale	NY
Millen Mfg. Co., James, 4-5-6	150 Exchange St. Malden	Mass
Millivac Instruments Inc., 6	Box 997, Schenectady	NY
Minntel, Inc., 1-11-13	1 St. SE & Richardson, New Brighton 12	Minn
MODEL ENG. & MFG. CORP., 2-3-4-5-6-7-8-9-10-11-12-13, Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Moletronics Div. Motec Ind. Inc., 1-2-3-4-5-6-7-8-9-10-11-12-13	6344 Arizona Cir. Los Angeles 45	Cal
Network Designers Inc., 7	38 E 57th St. New York 22	NY
Network Industries Inc., 1-4	210-220 Orient St. Bayonne	NJ
New London Instrument Co., 1-13	82 Union St. New London	Conn
Nuclear Electronics Corp., 11	2925 N Broad St. Philadelphia 32	Pa
Orion Electronic Corp., 4-7-11-12-13	108 Columbus Ave. Tuckahoe	NY
OVITRON CORP., 1-2-13, Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
Pacific Mercury Electronics, 4	8345 Hayvenhurst Ave. Sepulveda	Cal
Pearce Simpson, Inc., 4	2295 NW 14th St. Miami 35	Fla
Peer Inc., 4-7-13	2624 Shelby St. Dallas 19	Tex
Permoflux Products Co., 4	4101 San Fernando Rd. Glendale	Cal
Philco Corp. Govt & Ind Div., 1-2-3-4-5-6-7-8-9-10-11-12-13	4700 Wissahickon Ave. Phila 44	Pa
Phillips Electronics Mfg Co., 1-4	119 Allen Blvd. Farmingdale	NY
Planetronics, Inc., 1-2-3-4-5-6-7-8-10-11-12-13	Easton	Pa
POLARAD ELECTRONICS CORP., 9 Adv Pg 269-272	**43-20 34 St. Long Island City**	**NY**
R.L.C. Electronics, Inc., 1-2-5	925 Mamaroneck Ave. Mamaroneck	NY
RMS Associates Inc., 10-11-12	925 Mamaroneck Ave. Mamaroneck	NY
R S ELECTRONICS CORP., 1-2-3-4-5-7-8-11-12-13, Adv Pg 305	**Box 11368, Sta A, Palo Alto**	**Cal**
Racal Engineering Ltd., 1-4	Western Rd. Bracknell, Berks	Eng
Radiation at Stanford, 4-7	3180 Hanover St. Palo Alto	Cal
Radiation Technology, Inc., 7	667 Antone St. NW Atlanta 18	Ga
Radio Condenser Co., 1-2-4	Davis & Copewood Sts. Camden 3	NJ
Radio Engineering Labs. Inc., 4-5-13	29-01 Borden Ave. Long Island City 1	NY
Ram Electronics, Inc., 10	600 Industrial Ave, Paramus	NJ
Ramage & Miller Inc., 5-6-13	150 S 2nd St. Richmond	Cal
Rauland-Borg Corp., 5	3535 W. Addison St, Chicago 18	Ill
Redifon Ltd., 1-4	Broomhill Rd. Wandsworth, London SW18	Eng
Remanco Inc., 1-2-3-5-7-8-11-12-13	1805 Colorado, Santa Monica	Cal
Resdel Engineering Corp., 1-2-5-13	330 S Fair Oaks Ave. Pasadena	Cal
RIXON ELECTRONICS INC., 2-4-5-7, Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
Rutherford Electronics Co., 7	8944 Lindblade St. Culver City	Cal
Sage-Craft, Inc., 1-11-13	Norwich	NY
San Diego Scientific Corp., 13	3434 Midway Dr, San Diego 10	Cal
SEG ELECTRONICS CO. INC., 13, Adv Pg 529	**12 Hinsdale St. Brooklyn 7**	**NY**
SERVO CORP OF AMERICA, 2-5, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
SHINWA TSUSHINKI, K. K., 1-5, Adv Pg 260	**943, 4-chome Shimotakaido, Suginami-ku Tokyo**	**Jap**
SIERRA ELECTRONIC CORP., 4-7 Adv Pgs 128, 129	**3885 Bohannon Dr. Menlo Park**	**Cal**
SOLID STATE ELECTRONICS CO., 13 Adv Pg 238	**Dept E 15321 Rayen St. Sepulveda**	**Cal**
Southern Instruments Ltd., 6	Frimley Rd. Camberley, Surrey	Eng
Space Electronics Corp., 1	930 Air Way, Glendale 1	Cal
Sparton Corp., 1-2-3-4-5-6-7-8-9-10-11-12-13	2400 E Ganson St. Jackson	Mich
Spectra Electronics Co., 1-2-3-4-5-7-8-9-10-11-12-13	250 E. 3rd St, Mt. Vernon	NY
Spec-Tronics, 6	13942 Saticoy Ave, Van Nuys	Cal
SPENCER-KENNEDY LABS. INC., 5-13, Adv Pg 495	**1318 Soldiers Field Rd. Boston 35**	**Mass**
Standard Tel. & Cables Ltd., 5	29 Glasshouse Yard, London	Eng
Sturrup, Inc., 1	50 Silver St. Middletown	Conn
Surface Conduction, Inc., 5	1501 Broadway, New York 36	NY
SYNTRONIC INSTRUMENTS INC., 10, Adv Pg 434	**100 Industrial Rd. Addison**	**Ill**

Tapetone, Inc., 2-5-13	Box 41, Webster	Mass
TECHNICAL MATERIEL CORP., 1-2-4, Adv Pg 346	**700 Fenimore Rd. Mamaroneck**	**NY**
TECHNOLOGY INSTRUMENT CORP OF ACTON, 13, Adv Pgs 84, 85	**536 Main St. Acton**	**Mass**
Tektronix Inc., 5-13	Box 500, Beaverton	Ore
Telecom, Inc., 5	2019 Admiral Blvd, Kansas City	Mo
Tel-Instrument Electronics Corp., 11	728 Garden St, Carlstadt	NJ
Telonics Inc., 3-13	277 Main St. Nashua	NH
Tenna Research Corp., 7	5424 Lyndale Ave S., Minneapolis 20	Minn
Thompson Ramo Wooldridge Inc. Tapco Group, 11, 13	23555 Euclid Ave. Cleveland 17	Ohio
TOKYO DENKI SEIKI CO. LTD., 2, Adv Pg 264	**11 2-chome, Nakanochi, Kanda, Chiyoda-ku, Tokyo**	**Jap**
Topp Industries, Inc., 4	5221 W. 102 St, Los Angeles 45	Cal
Trak Electronics Co. Inc., 5-13	49 Danbury Rd. Wilton	Conn
Transline Electronic Mfg. Co., 5	503 McCarter Hwy. Newark 2	NJ
United ElectroDynamics Inc., 4	200 Allendale Rd. Pasadena	Cal
Unitized Electronics, Inc., 5-11-12	4791 Memphis Ave, Cleveland	Ohio
Varian Associates, 4-7-13	611 Hansen Way, Palo Alto	Cal
VICTOREEN INSTRUMENT CO., COMPONENTS DIV., 7 Adv Pgs 466, 493	**5806 Hough Ave. Cleveland 3**	**Ohio**
Virginia Electronics Co., Inc., 1	5209 River Rd. Washington 16	DC
Vitro Corp of America, 5-7	261 Madison Ave. New York 16	NY
VITRO ELECTRONICS DIV. VITRO CORP., 5 Adv Pgs 309, 310	**919 Jesup Blair Dr. Silver Spring**	**Md**
Vue-Tronics Inc, Div Prescott Television Co., 11	7705 Melrose Ave. Los Angeles 46	Cal
Waltham Electronics Corp., 1-13	751 Main St. Waltham 54	Mass
WEINSCHEL ENGINEERING CO., INC., 11 Adv Pgs 51-54, 55	**10503 Metropolitan Ave. Kensington**	**Md**
Wells Electronics Co., 1-2	1701 S Main St. South Bend 23	Ind
Westinghouse-TV Radio Div., 1	Metuchen	NJ
Westrex Corp. Div. Litton Industries, 4	540 W 58th St. New York 19	NY
Winegard Co., 5	3000 Kirkwood Ave. Burlington	Iowa

AMPLIFIERS-SERVO See AMPLIFIERS -*INSTRUMENTATION*
AMPLIFIERS-SOUND RECORDING See AMPLIFIERS -*A-F*
AMPLIFIERS-STRAIN-GAGE See AMPLIFIERS -*INSTRUMENTATION*
AMPLIFIERS-TELEMETERING See AMPLIFIERS -*INSTRUMENTATION*
AMPLIFIERS-TRANSISTOR See AMPLIFIERS *PROVIDING REQUIRED FUNCTION: MODULES -ACTIVE*

AMPLIFIERS -*TV*

1. BOOSTER 2. DISTRIBUTION

Adler Electronics Inc., 1	1 Lefevre Ln. New Rochelle	NY
Aerolite Electronics Corp., 1-2	2207 Summit Ave, Union City	NJ
Antennavision Inc., 2	Box 11326, Phoenix	Ariz
APPLIED RESEARCH INC., 1, Adv Pg 124	**76 S Bayles Ave. Port Washington**	**NY**
Benco Television Associates, Ltd., 1-2	27 Taber Rd, Rexdale, Ontario, Canada	
Blonder-Tongue Laboratories, Inc., 1-2	Dept EBG, 9 Alling St, Newark 2	NJ
CBC Electronics Co. Inc., 1	2601 N Howard St. Philadelphia 33	Pa
Central Dynamics Ltd., 2	147 Hymus Blvd. Pte. Claire, Que	Can
Community Engineering Corp., 1-2	Box 824, State College	Pa
Dage Div Thompson Ramo Wooldridge, Inc., 2	Michigan City	Ind
DAVEN CO., 1-2, Adv Pg 187	**Rt. 10, Livingston**	**NJ**
Denson Electronics Corp., 1	Box 85, Rockville	Conn
EMI-Cossor Electronics Ltd., 1-2	Box 525 Dartmouth NS	Can
Electronics, Missiles & Commun. Inc., 1	262 E 3rd St. Mt. Vernon	NY
Entron, Inc., 1-2	4902 Lawrence St, Bladensburg	Md
Foto-Video Electronics Inc., 2	36 Commerce Rd. Cedar Grove	NJ
INSTRUMENTS FOR INDUSTRY INC., 1-2, Adv Pgs 386, 387	**101 New South Rd. Hicksville**	**NY**
Intercontinental Electronics Corp., 1-2	300 Shames Dr. Westbury 29	NY
Jerrold Electronics Corp., 2	15th & Lehigh, Philadelphia 32	Pa
Marconi's Wireless Telegraph Co. Ltd., 2	750 3rd Ave. New York 17	NY
Minntel, Inc., 2	1 St. SE & Richardson, New Brighton 12	Minn
Philco Corp. Govt & Ind Div., 1-2	4700 Wissahickon Ave. Phila 44	Pa
Planetronics, Inc., 2	Easton	Pa
R S ELECTRONICS CORP., 2, Adv Pg 305	**Box 11368, Sta A, Palo Alto**	**Cal**
Radio Merchandise Sales, Inc., 1	2016 Bronxdale Ave. New York 62	NY
SEG ELECTRONICS CO. INC., 1, Adv Pg 529	**12 Hinsdale St. Brooklyn 7**	**NY**
SPENCER-KENNEDY LABS. INC., 2, Adv Pg 495	**1318 Soldiers Field Rd. Boston 35**	**Mass**
Standard Electronics Div., Reeves Instrument Corp., 1-2	Lakewood Rd, Farmingdale	NJ
Surface Conduction, Inc., 1-2	1501 Broadway, New York 36	NY
Television Utilities Corp. Div. Nord, 2	300 Denton Ave. New Hyde Park	NY
Tel-Instrument Electronics Corp., 2	728 Garden St, Carlstadt	NJ
Unitized Electronics, Inc., 1-2	4791 Memphis Ave, Cleveland	Ohio
Vector Associates Inc., 2	139-30 34th Rd. Flushing 54	NY
Winegard Co., 1-2	3000 Kirkwood Ave. Burlington	Iowa

AMPLIFIERS-ULTRASONIC See ULTRASONIC EQUIPMENT
AMPLIFIERS-VIBRATION PICKUP See AMPLIFIERS -*INSTRUMENTATION*
AMPLIFYING SATURABLE REACTORS See REACTORS -*SATURABLE*
AMPLITUDE MODULATION See A-M LISTINGS
A-M RECEIVERS See RECEIVERS -*RADIO ENTERTAINMENT*
A-M RECEIVING ANTENNAS See ANTENNAS -*RADIO RECEIVING*
A-M TRANSMITTERS See TRANSMITTERS -*BROADCAST*
A-M TUNERS See TUNERS
ANALOG COMPUTER PARTS See *SUMMARY UNDER* COMPUTER PARTS
ANALOG COMPUTERS See COMPUTERS -*GENERAL-PURPOSE: COMPUTERS -SPECIAL*
ANALOG COMPUTING SERVICES See COMPUTING SERVICES
ANALOG-TO-DIGITAL CONVERTERS See CONVERTERS -*COMPUTER*

ANALYZERS -*A-F AMPLIFIER*

B & K Instruments Inc of Bruel & Kjaer	3014 W 106th St. Cleveland 11	Ohio
Bruel & Kjaer	Lindealle 23, Naerum, Denmark	
Muirhead & Co., Ltd	Beckenham, Kent, England	
Philco Corp. Govt & Ind Div.	4700 Wissahickon Ave. Phila 44	Pa
Solartron, Inc.	1742 S. Zeyn St, Anaheim	Cal
Wayne Kerr Corp	1633 Race St. Philadelphia 3	Pa

ANALYZERS-CAPACITOR See TESTERS -*CAPACITOR*
ANALYZERS-CIRCUIT See TESTERS

ANALYZERS -*ATMOSPHERIC INTERFERENCE*

Philco Corp. Govt & Ind Div	4700 Wissahickon Ave. Phila 44	Pa

ANALYZERS -*COINCIDENCE & ANTICOINCIDENCE*

Beva Electronics Inc	185 4th St. Trenton 8	NJ
Guardian Electric Mfg. Co	1550 W Carroll Ave. Chicago 7	Ill
Kahl Scientific Instrument Corp	737 W Main St. El Cajon	Cal
Kaiser Aircraft & Electronics	2222 W Peoria Ave. Phoenix	Ariz
Philco Corp. Govt & Ind Div	4700 Wissahickon Ave. Phila 44	Pa

ANALYZERS-COLOR See COLORIMETERS
ANALYZERS -*CRYSTAL* See CRYSTAL ANALYSIS EQUIPMENT

ANALYZERS -*DIFFERENTIAL*

1. DIGITAL 2. ELECTRONIC 3. MECHANICAL

A. O. I. P., 1	23 Pl. Jeanne d'Arc, Paris 13	Fr
Aeroflex Corp., 2	48-25 36th St. Long Island City	NY
Airtronics, Inc., 1-2	5522 Dorsey Ln, Washington 16	DC
APPLIED ELECTRONICS CORP. OF NJ, 1-2, Adv Pg 518	**22 Center St. Metuchen**	**NJ**
Armstrong Whitworth Equipment, 1	Hucclecote, Gloucester	Eng
Atlas Precision Products Co., 3	3801 Castor Ave, Philadelphia 24	Pa
Boonton Polytechnic Co. Inc., 2	14 Union St. Rockaway	NJ
BOWMAR INSTRUMENT CORP., 3, Adv Pg 36	**8000 Bluffton Rd. Ft Wayne**	**Ind**
CG Electronics Corp., 1	15000 Central E., Albuquerque	NM
Canadian Research Institute, 2	85 Curlew Dr. Don Mills	Ont
Chance Vought Corp. Vought Electronics Div., 1-3	Box 1500, Arlington	Tex
Computer Control Co., Inc., 1	983 Concord St, Framingham	Mass
Computer Techniques Inc., 1	3300 Northern Blvd. Long Island City 1	NY
Consolidated Avionics Corp., 1-2	800 Shames Dr, Westbury	NY
Control Equipment Corp., 1	19 Kearney Rd. Needham Heights 94	Mass
Data Equipment Co. 1-2-3	923 E. 3rd St, Los Angeles 13	Cal
Daystrom Inc. Weston Instruments Div., 2	614 Frelinghuysen Ave. Newark 12	NJ
Di/An Controls, Inc., 1	944 Dorchester Ave. Boston	Mass
Donner Scientific Co., 2	888 Galindo St, Concord	Cal
FAE INSTRUMENT CORP., 3, Adv Pg 428	**Norden La. Huntington Station**	**NY**
General Computers Inc., 2	5900 W Pico Blvd. Los Angeles 35	Cal
Genisys Corp., Sub. Chance Vought, 1	10131 National Blvd, Los Angeles 34	Cal
Gilfillan Bros. Inc., 1-2	1815 Venice Blvd, Los Angeles 6	Cal
Good Electronic Corp., 1-2	Box 2486, W Palm Beach	Fla
Guardian Electric Mfg. Co., 2	1550 W Carroll Ave. Chicago 7	Ill
H-L-S Instrument Div., Marion Instrument Co., 1	4525 W. 160th St, Cleveland 35	Ohio
Kingston Electronics Div., King. Ind., Inc., 2	Medfield	Mass
Land-Air, Inc., 1-2	7444 W. Wilson Ave, Chicago 31	Ill
Lear Inc., 1-2-3	3171 S Bundy Dr. Santa Monica	Cal
Librascope, Div. General Precision Inc., 1-2	808 Western Ave. Glendale	Cal
Marquardt Corp. Pomona Div., 1-2-3	2709 N Garey Ave. Pomona	Cal
Minn-Honeywell, Military Prods Gr., 1-2-3	2600 Ridgway Rd. Minneapolis 13	Minn
MODEL ENG. & MFG. CORP., 1-2-3, Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Molectronics Div. Metric Ind. Inc., 1-2-3	6344 Arizona Cir. Los Angeles 45	Cal
Nortronics, Div Northrop Corp., 1-2	222 N Prairie Ave. Hawthorne	Cal
Packard Bell Computer Corp., 1	1905 Armacost Ave. Los Angeles 25	Cal
PHILBRICK RESEARCHES INC., GEORGE A., 2, Adv Pg 166	**127 Clarendon St. Boston 16**	**Mass**
Phoenix Precision Instrument Co., 2	3805 N 5th St. Philadelphia	Pa
Probescope Co. Inc., 2	8 Sagamore Hill Dr. Port Washington	NY
PYRAMID ELECTRIC CO., 2, Adv Pg 433	**Orange St. Darlington**	**SC**
Servomechanisms/Inc., 1-2-3	200 N Aviation Blvd. El Segundo	Cal
Solatron Inc., 3	128 Jackson St. Cambridge 40	Mass
Space Electronics Corp., 2	930 Air Way, Glendale 1	Cal
Sperry Microwave Electronics Co., 2	Box 1828, Clearwater	Fla
Stark Electronic Instruments Ltd., 2	Box 670, Ajax	Ont
Stelma, Inc., 1-2	200 Henry St, Stamford	Conn
Sun Electric Co., 1	6323 Avondale St. Chicago 31	Ill
Technical Measurement Corp., 1	441 Washington Ave, North Haven	Conn
Telemetrics, Inc., 1-2	12927 S Budlong, Gardena	Cal
Tracerlab, Inc., 1-2	1601 Trapelo Rd, Waltham 54	Mass
Transline Electronic Mfg. Co., 1-2	503 McCarter Hwy, Newark 2	NJ
Vinder Aircraft Corp., 2	Dunnellon Air Base, Dunnellon	Fla

ANALYZERS -*DISTORTION*

B & K Instruments Inc of Bruel & Kjaer	3014 W 106th St. Cleveland 11	Ohio
Chadwick Helmuth Co	472 E. Duarte Rd, Monrovia	Cal
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
DAVEN CO., Adv Pg 187	**Rt. 10, Livingston**	**NJ**
Donner Scientific Co.	888 Galindo St, Concord	Cal
HEWLETT-PACKARD CO., Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
Minn-Honeywell, Military Prods Gr.	2600 Ridgway Rd. Minneapolis 13	Minn
Muirhead & Co., Ltd	Beckenham, Kent, England	
PANORAMIC ELECTRONICS, INC Adv Pg 449	**520 S Fulton Ave. Mt Vernon**	**NY**
Probescope Co. Inc	8 Sagamore Hill Dr. Port Washington	NY
SHINWA TSUSHINKI, K. K., Adv Pg 260	**943, 4-chome Shimotakaido, Suginami-ku Tokyo**	**Jap**
Stelma, Inc	200 Henry St. Stamford	Conn
Towaco Electronics	Pine Brook Rd. Towaco	NJ
Wayne Kerr Corp	1633 Race St. Philadelphia 3	Pa

ANALYZERS -*FREQUENCY*

Allison Laboratories, Inc	11301 E Ocean Ave. La Habra	Cal
APPLIED ELECTRONICS CORP. OF NJ, Adv Pg 518	**22 Center St. Metuchen**	**NJ**
Atlee Corp. Applied Dynamics Div	330 Bear Hill Rd. Waltham	Mass
B & K Instruments Inc of Bruel & Kjaer	3014 W 106th St. Cleveland 11	Ohio
Boonshaft & Fuchs, Inc	Hatboro Ind Park, Hatboro	Pa
Boonton Polytechnic Co. Inc	14 Union St. Rockaway	NJ
Bruel & Kjaer	Lindealle 23, Naerum, Denmark	
Chance Vought Corp. Vought Electronics Div	Box 1500, Arlington	Tex
Communications Control Corp	14707 Keswick St. Van Nuys	Cal
Consolidated Avionics Corp	800 Shames Dr, Westbury	NY
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
DAVEN CO., Adv Pg 187	**Rt. 10, Livingston**	**NJ**
Dytronics	Box 3676, Columbus 14	Ohio
Federal Scientific Corp	615 W. 131 St, New York 27	NY
GENERAL APPLIED SCIENCE LABS INC., Adv Pg 525	**Merrick & Stewart Aves. Westbury**	**NY**
Gulton Industries, Inc	212 Durham Ave, Metuchen	NJ
HALLICRAFTERS CO., Adv Pg 345	**4401 W 5th St. Chicago 24**	**Ill**
Hathaway Instruments Inc	5602 E Jewell Ave. Denver 22	Colo
International Research & Development Corp	6150 Huntley Rd. Worthington	Ohio
ITEK ELECTRO PRODUCTS CO., Adv Pg 140	**75 Cambridge Pkwy. Cambridge**	**Mass**
KAY ELECTRIC CO Adv Pg 347, 348	**Maple Ave, Pine Brook**	**NJ**
Magnetic Circuit Elements, Inc	3722 Park Pl. Montrose	Cal
Martin Co	Mail No. G3037, Baltimore 3	Md
Measurements A McGraw-Edison Div	Boonton	NJ
Minn-Honeywell, Military Prods Gr	2600 Ridgway Rd. Minneapolis 13	Minn
Muirhead & Co., Ltd	Beckenham, Kent, England	
PANORAMIC ELECTRONICS, INC Adv Pg 449	**520 S Fulton Ave. Mt Vernon**	**NY**
POLARAD ELECTRONICS CORP Adv Pg 269-272	**43-20 34 St. Long Island City 1**	**NY**
Probescope Co. Inc	8 Sagamore Hill Dr. Port Washington	NY
Scott Inc., H. H.	111 Powder Mill Rd. Maynard	Mass
SIERRA ELECTRONIC CORP., Adv Pgs 128, 129	**3885 Bohannon Dr. Menlo Park**	**Cal**
Space Electronics Corp	930 Air Way, Glendale 1	Cal
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
Stark Electronic Instruments Ltd	Box 670, Ajax	Ont
Televiso Corp	Wheeling & Exchange Rds. Wheeling	Ill
Wayne Kerr Corp	1633 Race St. Philadelphia 3	Pa

ANALYZERS -*GAS*

Automation Products Inc	3030 Max Roy St. Houston 24	Tex
Bailey Meter Co	1050 Ivanhoe Rd, Cleveland 10	Ohio
Baird-Atomic, Inc	33 University Rd, Cambridge 38	Mass
Beckman Instruments, Inc. Scientific & Process Instruments Div	2500 Harbor Blvd. Fullerton	Cal
Carad Corp	3391 Junipero Serra Blvd. Palo Alto	Cal
Central Scientific Co. Div. Cenco Instr Inc	1700 Irving Park Rd. Chicago 13	Ill
Consolidated Electrodynamics Corp	360 N. Sierra Madre Villa, Pasadena	Cal
Devco Engineering, Inc	Pier Lane W, Caldwell	NJ
Ellison Draft Gage Co., Inc	546 W. Monroe St, Chicago	Ill
Fisher Scientific Co	713 Forbes Ave. Pittsburgh 19	Pa
Gow-Mac Instrument Co	100 Kings Rd. Madison	NJ
HOWELL INSTRUMENTS INC., Adv Pg 358	**3479 W Vickery Blvd. Fort Worth 7**	**Tex**
Industrial Instruments, Inc	89 Commerce Rd, Cedar Grove	NJ
Laboratory Equipment Corp	Lakeview & Hilltop Rd, St. Joseph	Mich
Land-Air, Inc	7444 W. Wilson Ave, Chicago 31	Ill
Manufacturers Engineering & Equipment Corp	York & Sunset Ln, Hatboro	Pa
Mine Safety Appliances Co	201 N. Braddock Ave, Pittsburgh	Pa
National Instrument Labs., Inc	826 Everts St N.E., Washington	DC
Phoenix Precision Instrument Co	3805 N. Fifth St, Philadelphia	Pa
Process & Instruments Corp	15 Stone Ave, Brooklyn 33	NY
Servomex Controls Ltd	Crowborough, Sussex, England	
Victory Engineering Corp	101 Springfield Rd, Union	NJ

ANALYZERS -*HARMONIC*

A. O. I. P	23 Pl. Jeanne d'Arc, Paris 13	Fr
APPLIED ELECTRONICS CORP. OF NJ, Adv Pg 518	**22 Center St. Metuchen**	**NJ**
B & K Instruments Inc of Bruel & Kjaer	3014 W 106th St. Cleveland 11	Ohio
Bruel & Kjaer	Lindealle 23, Naerum, Denmark	
Chadwick Helmuth Co	472 E. Duarte Rd, Monrovia	Cal
Chance Vought Corp. Vought Electronics Div	Box 1500, Arlington	Tex
DAVEN CO., Adv Pg 187	**Rt. 10, Livingston**	**NJ**
Donner Scientific Co	888 Galindo St, Concord	Cal
Dytronics	Box 3676, Columbus 14	Ohio
Epsco Medical Div. Epsco Inc	275 Mass Ave. Cambridge 39	Mass
Federal Scientific Corp	615 W. 131 St, New York 27	NY
Ordnance Scientific Instrument Co	89 Church St, Hartford 1	Conn
HEWLETT-PACKARD CO., Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
KAY ELECTRIC CO Adv Pg 347, 348	**Maple Ave. Pine Brook**	**NJ**
Korfund Co. Inc	Cantiague Rd. Westbury	NY
Muirhead & Co., Ltd	Beckenham, Kent, England	
PANORAMIC ELECTRONICS, INC Adv Pg 449	**520 S Fulton Ave. Mt. Vernon**	**NY**
Probescope Co. Inc	8 Sagamore Hill Dr. Port Washington	NY
ROHDE & SCHWARZ, USA INC., Adv Pg 403	**P.O. Box 275, Passaic**	**NJ**
SIERRA ELECTRONIC CORP., Adv Pgs 128, 129	**3885 Bohannon Dr. Menlo Park**	**Cal**
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
Wayne Kerr Corp	1633 Race St, Philadelphia 3	Pa

ANALYZERS -*INTERMODULATION*

Audio Instrument Co. Inc	135E W 14 St. New York 11	NY
Canadian Marconi Co	2444 Trenton Ave. Montreal	Que
EMI-Cossor Electronics Ltd	Box 525 Dartmouth NS	Can
Federal Scientific Corp	615 W. 131 St, New York 27	NY
Heath Co., A Sub of Daystrom, Inc	Benton Harbor	Mich
Kahn Research Labs. Inc	81 S Bergen Pl. Freeport	NY
Measurements A McGraw-Edison Div	Boonton	NJ
PANORAMIC ELECTRONICS, INC Adv Pg 449	**520 S Fulton Ave. Mt Vernon**	**NY**
Probescope Co. Inc	8 Sagamore Hill Dr. Port Washington	NY
Radiometer	72 Emdrupvej, Copenhagen NV 1	For
SIERRA ELECTRONIC CORP., Adv Pgs 128, 129	**3885 Bohannon Dr. Menlo Park**	**Cal**

ANALYZERS -*MAGNETIC*

Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
Lumen, Inc	Box 905, Joliet	Ill
Magnaflux Corp	7303 W Lawrence Ave. Chicago 31	Ill
Mandrel Industries Inc	5134 Glenmont, Houston 36	Tex
RIXON ELECTRONICS INC., Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
Servomechanisms/Inc	200 N Aviation Blvd. El Segundo	Cal

ANALYZERS -*NOISE*

Allison Laboratories, Inc	11301 E Ocean Ave. La Habra	Cal
B & K Instruments Inc of Bruel & Kjaer	3014 W 106th St. Cleveland 11	Ohio
Bearing Inspection, Inc	3311 E. Gage Ave, Huntington Park	Cal
Bruel & Kjaer	Lindealle 23, Naerum, Denmark	
Canadian Marconi Co	2444 Trenton Ave. Montreal	Que
Decitron Electronics Corp	851 Dumont Ave. Brooklyn 8	NY
Digital Sensors Inc	6443 N Figueroa St, Los Angeles	Cal
Electro Radiation Inc	11916 W Pico Blvd. Los Angeles 64	Cal
Federal Scientific Corp	615 W. 131 St, New York 27	NY
Ferrotran Electronic Co. Inc	693 Broadway, New York 12	NY
KAY ELECTRIC CO., Adv. Pg. 347, 348	**Maple Ave. Pine Brook**	**NJ**
Korfund Co. Inc	Cantiague Rd. Westbury	NY
Muirhead & Co., Ltd	Beckenham, Kent, England	
NASH & HARRISON LTD., Adv Pg 526	**1355 Wellington St. Ottawa**	**Ont**
PANORAMIC ELECTRONICS, INC Adv Pg 449	**520 S Fulton Ave. Mt Vernon**	**NY**
Philips Electronics Ind. Ltd	116 Vanderhoof Ave. Toronto 17	Ont
Probescope Co. Inc	8 Sagamore Hill Dr. Port Washington	NY
Quan-Tech Laboratories, Inc	49 Parsippany Blvd, Boonton	NJ
Radio Engineering Labs. Inc	29-01 Borden Ave. Long Island City 1	NY
Raytheon Co. Ind Components Div	55 Chapel St. Newton 58	Mass
Renanco Inc	1805 Colorado, Santa Monica	Cal
RIXON ELECTRONICS INC., Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**

Scott, Inc., H.H.	111 Powder Mill Rd., Maynard	Mass
Stark Electronic Instruments Ltd	Box 670, Ajax	Ont
STODDART AIRCRAFT RADIO CO. INC., Adv Pgs 455, 456	**6644 Santa Monica Blvd. Hollywood 38**	**Cal**
Wayne Kerr Corp	1633 Race St, Philadelphia 3	Pa

ANALYZERS – *PARTICLE-SIZE*

Applied Control Corp	100 Main St. Hackensack	NJ
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
Fisher Scientific Co	713 Forbes Ave. Pittsburg 19	Pa
HARSHAW CHEMICAL CO., Adv Pg 508	**1945 E 97th St. Cleveland 6**	**Ohio**
Mine Safety Appliances Co	203 N. Braddock Ave, Pittsburgh	Pa
Phoenix Precision Instrument Co	3805 N 5th St. Philadelphia	Pa
Royco Instruments Inc	440 Olive St. Palo Alto	Cal

ANALYZERS – *PULSE-HEIGHT*

American Tradair Corp. Sub. Ekco Electronics Ltd	34-01 30th St. Long Island City 6	NY
Berger-Lehrer Corp	1860 Franklin, Santa Monica	Cal
Burmac Electronics Co. Inc	142 S Long Beach Rd. Rockville Center	NY
Computing Devices of Canada, Ltd	P.O. Box 508, Ottawa, Ontario, Canada	
CURTISS WRIGHT CORP. INTERMTN. BR., Adv Pg 474	**Box 8324, Albuquerque**	**NM**
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
ELDORADO ELECTRONICS CO., Adv Pg 308	**2821 - 10th St. Berkeley**	**Cal**
Gyra Electronics Corp	P.O. Box 184, La Grange	Ill
Hamner Electronics Co., Inc	P.O. Box 531, Princeton	NJ
Hickok Electrical Instrument Co	10532 Dupont Ave. Cleveland 8	Ohio
Isotope Developments Ltd	Bath Rd Beenham, Reading, Berks	Eng
Kahl Scientific Instrument Corp	737 W Main St. El Cajon	Cal
Loral Electronics Corp	825 Bronx River Ave. New York 72	NY
Molectronics Div. Motec Ind. Inc	6344 Arizona Cir. Los Angeles 45	Cal
Nuclear Chicago Corporation	333 E. Howard St, Des Plaines	Ill
Nuclear Corp of America	2 Richwood Pl, Denville	NJ
Nuclear Measurements Corp	2463 N Arlington Ave. Indianapolis 18	Ind
Pacific Electro-Nuclear Corp	5820 Jefferson Blvd, Culver City	Cal
Philips Electronic Instruments	750 S. Fulton Ave, Mt. Vernon	NY
Probescope Co. Inc	8 Sagamore Hill Dr. Port Washington	NY
Radiation Counter Labs., Inc	5121 W. Grove St, Skokie	Ill
Radiation Instrument Devel Labs Inc	61 E North Ave. Northlake	Ill
Radiation Technology, Inc	657 Antone St. NW Atlanta 18	Ga
Remanco Inc	1805 Colorado, Santa Monica	Cal
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
Technical Measurement Corp	441 Washington Ave, North Haven	Conn
Traxler Labs	Box 5257, Raleigh	NC
VICTOREEN INSTRUMENT CO., COMPONENTS DIV Adv Pgs 466, 493	**5806 Hough Ave. Cleveland 3**	**Ohio**

ANALYZERS – *RADAR*

Aircraft Armaments, Inc	Cockeysville	Md
Canadian Marconi Co	2444 Trenton Ave. Montreal	Que
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
ECLIPSE PIONEER DIV. BENDIX CORP, Adv Pgs 354, 355	**Teterboro**	**NJ**
Federal Scientific Corp	615 W. 131 St, New York 27	NY
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
Gilfillan Bros. Inc	1815 Venice Blvd. Los Angeles 6	Cal
Loral Electronics Corp	825 Bronx River Ave. New York 72	NY
Magnavox Co	2131 Bueter Rd. Fort Wayne 4	Ind
Midwest Research Labs, Inc	2100 Locust St, St. Louis 3	Mo
MODEL ENG. & MFG. CORP., Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
PANORAMIC ELECTRONICS, INC Adv Pg 449	**520 S Fulton Ave. Mt. Vernon**	**NY**
Polarad Lng Corp	237 Lafayette St, New York 12	NY
POLARAD ELECTRONICS CORP Adv Pg 269-272	**43-20 34 St, Long Island City 1**	**NY**
Ram Electronics, Inc	600 Industrial Ave, Paramus	NJ
Raytheon Co. Ind Components Div	55 Chapel St. Newton 58	Mass
Remanco Inc	1805 Colorado, Santa Monica	Cal
Sperry Microwave Electronics Co	P.O. Box 1828, Clearwater	Fla
Trak Electronics Co. Inc	49 Danbury Rd. Wilton	Conn

ANALYZERS – *SERVO*

Aeroflex Corp	48-25 36th St. Long Island City	NY
Aetna Electronics Corp	Readington Rd, North Branch	NJ
AVNET INSTRUMENT CORP., Adv Pgs 331, 364	**70 State St. Westbury**	**NY**
Boonshaft & Fuchs, Inc	Hatboro Ind Park, Hatboro	Pa
BRUSH INSTRUMENTS DIV. OF CLEVITE CORP Adv Pgs 144, 145	**37th & Perkins, Cleveland 14**	**Ohio**
Control Technology Co	1186 Broadway, New York 1	NY
Daco Instrument Co	Tillary & Prince Sts, Brooklyn 1	NY
ECLIPSE PIONEER DIV. BENDIX CORP., Adv Pgs 354, 355	**Teterboro**	**NJ**
Genisco Controls Corp	1600 S Mountain Ave. Duarte	Cal
Gilfillan Bros. Inc	1815 Venice Blvd. Los Angeles 6	Cal
Gulton Industries, Inc	212 Durham Ave. Metuchen	NJ
Industrial Control Co	Central at Pinelawn, Farmingdale	NY
KEARFOTT DIV. GEN PRECISION INC., Adv Pg 394	**Little Falls**	**NJ**
Lear Inc	3171 S Bundy Dr. Santa Monica	Cal
Meterlog Corp	169 N. Halstead St, Pasadena	Cal
Micro Gee Products, Inc	6319 W Slauson Ave. Culver City	Cal
Missouri Research Labs., Inc	2109 Locust St, St. Louis 3	Mo
MODEL ENG. & MFG. CORP., Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Muirhead & Co., Ltd	Beckenham, Kent, England	
NORTH ATLANTIC INDUSTRIES INC., Adv Pg 344	**Terminal Dr. Plainview**	**NY**
PANORAMIC ELECTRONICS, INC Adv Pg 449	**520 S Fulton Ave. Mt Vernon**	**NY**
POLARAD ELECTRONICS CORP Adv Pg 269-272	**43-20 34 St, Long Island City 1**	**NY**
Probescope Co. Inc	8 Sagamore Hill Dr. Port Washington	NY
Remanco Inc	1805 Colorado, Santa Monica	Cal
SERVO CORP. OF AMERICA, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Servomechanisms/Inc	200 N Aviation Blvd. El Segundo	Cal
Servomex Controls Ltd	Crowborough, Sussex, England	
Solartron, Inc	1742 S. Zeyn St, Anaheim	Cal
Spectrol Electronics Corp	1704 S Del Mar, San Gabriel	Cal
Superior Mfg. & Instrument Co	36-07 20th Ave. Long Island City	NY
Telectro Industries Corp	35-16 - 37th St. Long Island City 1	NY
Theta Instrument Corp	520 Victor St, Saddle Brook	NJ
Wayne Kerr Corp	1633 Race St, Philadelphia 3	Pa

ANALYZERS – *SPECTRUM*

Allison Laboratories, Inc	11301 E Ocean Ave. La Habra	Cal
AMERICAN ELECTRONIC LABS. INC., Adv Pg 362	**121 N 7th St. Philadelphia 6**	**Pa**
Ascop Div., Electro-Mechanical Research, Inc	P.O. Box 44, Princeton	NJ
Atlee Corp. Applied Dynamics Div	330 Bear Hill Rd. Waltham	Mass
B & K Instruments Inc of Bruel & Kjaer	3014 W 106th St. Cleveland 11	Ohio
Baird-Atomic, Inc	33 University Rd, Cambridge 38	Mass
Beckman & Whitley, Inc	993 San Carlos Ave. San Carlos	Cal
Boonshaft & Fuchs, Inc	Hatboro Ind Park, Hatboro	Pa
Bruel & Kjaer	Lindealls 23, Naerum, Denmark	
Canadian Marconi Co	2444 Trenton Ave. Montreal	Que
Collins Radio Co	5200 C Ave. NE, Cedar Rapids	Iowa
Cosmic Technological Inc	1028 Connecticut Ave. Washington 6	DC
Decker Corp	45 Monument Rd. Bala Cynwyd	Pa
ELDORADO ELECTRONICS CO., Adv Pg 308	**2821 - 10th St. Berkeley**	**Cal**
Electro-Mechanical Research, Inc	Box 3041, Sarasota	Fla
FXR INC., Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Federal Scientific Corp	615 W. 131 St, New York 27	NY
Ferranti Electric Inc	Industrial Park #1, Plainview	NY
Fisher Scientific Co	713 Forbes Ave. Pittsburgh 19	Pa
GENERAL APPLIED SCIENCE LABS. INC., Adv Pg 525	**Merrick & Stewart Aves. Westbury**	**NY**
General Dynamics/Electronics	100 Carlson Rd. Rochester 3	NY
General Electronic Labs, Inc	8521 2nd Ave. Silver Spring	Md
General Kinetics Inc	2611 Shirlington Rd. Arlington 6	Va
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
Gulton Industries, Inc	212 Durham Ave, Metuchen	NJ
Hogan Faximile Corp	635 Greenwich St. New York 14	NY
ITT Federal Labs Div. ITT Corp	500 Washington Ave. Nutley	NJ
ITEK ELECTRO PRODUCTS CO., Adv Pg 140	**75 Cambridge Pkwy. Cambridge**	**Mass**
KAY ELECTRIC CO Adv Pg 347, 348	**Maple Ave, Pine Brook**	**NJ**
Kearfott Div. Gen. Precision Inc. Microwave Prods	14844 Oxnard St. Van Nuys	Cal
Land-Air, Inc	7444 W. Wilson Ave, Chicago 31	Ill
LAVOIE LABORATORIES INC., Adv Pg 312	**Morganville**	**NJ**
Ling Electronics Div. Ling-Temco Electronics, Inc	1515 S Manchester Ave. Anaheim	Cal
MB ELECTRONICS A DIV. OF TEXTRON ELECTRONICS INC., Adv Pg 353	**Box 1825, New Haven 8**	**Conn**
MARCONI INSTRUMENTS Adv Pgs 401, 402	**111 Cedar Lane, Englewood**	**NJ**
Minn-Honeywell, Industrial Systems Div	10721 Hanna St. Beltsville	Md
MODEL ENG. & MFG. CORP., Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
NORTHEASTERN ENGINEERING INC., Adv Pgs 289-292	**P. O. Box 150, Manchester**	**NH**
PRD ELECTRONICS INC., Adv. Pgs 113-116	**202 Tillary St. Brooklyn 1**	**NY**
PANORAMIC ELECTRONICS, INC Adv Pg 449	**520 S Fulton Ave. Mt Vernon**	**NY**
Philips Electronics Ind. Ltd	116 Vanderhoof Ave. Toronto 17	Ont
POLARAD ELECTRONICS CORP Adv Pg 269-272	**43-20 34 St, Long Island City 1**	**NY**
Probescope Co. Inc	8 Sagamore Hill Dr. Port Washington	NY
Quan-Tech Laboratories, Inc	60 Parsippany Blvd, Boonton	NJ
Raytheon Co. Ind Components Div	55 Chapel St. Newton 58	Mass
RIXON ELECTRONICS INC., Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
Space Electronics Corp	930 Air Way, Glendale 1	Cal
Spectran Instruments, Inc	Box 61, Steinway Sta, Long Island City 3	NY
Sperry Microwave Electronics Co	P.O. Box 1828, Clearwater	Fla
Technical Products Co	6670 Lexington Ave. Los Angeles 38	Cal
United Shoe Machinery Corp	140 Federal St. Boston	Mass
Varian Associates	611 Hansen Way, Palo Alto	Cal
VICTOREEN INSTRUMENT CO., COMPONENTS DIV., Adv. Pgs. 466, 493	**5806 Hough Ave. Cleveland 3**	**Ohio**
Vitro Corp of America	261 Madison Ave. New York 16	NY
VITRO ELECTRONICS DIV. VITRO CORP Adv Pgs 309, 310	**919 Jesup Blair Dr. Silver Spring**	**Md**

ANALYZERS – *SURFACE* See INDICATORS – *SURFACE ROUGHNESS*; RECORDERS – *SURFACE ROUGHNESS*

ANALYZERS-THYRATRON See TESTERS – *TUBE*
ANALYZERS-TRANSISTOR See TESTERS – *TRANSISTOR*
ANALYZERS – *ULTRASONIC* See ULTRASONIC *EQUIPMENT*

ANALYZERS – *VIBRATION*

Advanced Electronics, Inc	94 Silas Deane Hwy, Rocky Hill	Conn
American Research & Mfg. Corp	920 Halpine Ave, Rockville	Md
B & K Instruments Inc of Bruel & Kjaer	3014 W 106th St. Cleveland 11	Ohio
Bearing Inspection, Inc	3311 E Gage Ave. Huntington Park	Cal
Boonshaft & Fuchs, Inc	Hatboro Ind Park, Hatboro	Pa
Bruel & Kjaer	Lindealls 23, Naerum, Denmark	
Consolidated Electrodynamics Corp	360 N. Sierra Madre Villa, Pasadena	Cal
Crest Corp	475 Lexington Ave, New York 17	NY
Dresser Electronics SIE Div	10201 Westheimer Rd. Houston 42	Tex
ENDEVCO CORP., Adv Pg 465	**161 E California Blvd. Pasadena**	**Cal**
Erwood Inc	1770 Berteau Ave, Chicago 13	Ill
Federal Scientific Corp	615 W. 131 St, New York 27	NY
Gulton Industries, Inc	212 Durham Ave, Metuchen	NJ
International Research & Development Corp	6150 Huntley Rd, Worthington	Ohio
KAY ELECTRIC CO Adv Pg 347, 348	**Maple Ave, Pine Brook**	**NJ**
Korfund Co. Inc	Cantiague Rd. Westbury	NY
Land-Air, Inc	7444 W. Wilson Ave, Chicago 31	Ill
Ling Electronics Div. Ling-Temco Electronics, Inc	1515 S Manchester Ave. Anaheim	Cal
Minn-Honeywell, Industrial Systems Div	10721 Hanna St. Beltsville	Md
Muirhead & Co., Ltd	Beckenham, Kent, England	
Newton Co	55 Elm St. Manchester	Conn
PANORAMIC ELECTRONICS, INC Adv Pg 449	**520 S Fulton Ave. Mt Vernon**	**NY**
Probescope Co. Inc	8 Sagamore Hill Dr. Port Washington	NY
Raytheon Co. Ind Components Div	55 Chapel St. Newton 58	Mass
RIXON ELECTRONICS INC., Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
Solartron, Inc	1742 S. Zeyn St, Anaheim	Cal
Spectran Instruments, Inc	Box 61, Steinway Sta, Long Island City 3	NY
Sperry Gyroscope Co. Div. Sperry Rand Corp	Great Neck	NY
Sun Electric Co	6323 Avondale St. Chicago 31	Ill
Technical Products Co	6670 Lexington Ave. Los Angeles 38	Cal
Televiso Corp	Wheeling & Exchange Rds. Wheeling	Ill
Tel-Instrument Electronics Corp	728 Garden St, Carlstadt	NJ
Wayne Kerr Corp	1633 Race St, Philadelphia 3	Pa
Winkler Laboratories	5225 N. 28th St. Phoenix	Ariz

ANALYZERS – *VIDEO*

B & K Mfg. Co	1801 W. Belle Plaine, Chicago 13	Ill
Canadian Marconi Co	2444 Trenton Ave. Montreal	Que
Chance Vought Corp. Vought Electronics Div	Box 1500, Arlington	Tex
Consolidated Avionics Corp	800 Shames Dr. Westbury	NY
Federal Scientific Corp	615 W. 131 St, New York 27	NY
Gilfillan Bros. Inc	1815 Venice Blvd. Los Angeles 6	Cal
Hickok Electrical Instrument Co	10532 Dupont Ave. Cleveland 8	Ohio
Kaiser Aircraft & Electronics	2222 W Peoria Ave. Phoenix	Ariz
PANORAMIC ELECTRONICS, INC Adv Pg 449	**520 S Fulton Ave. Mt Vernon**	**NY**
Planetronics, Inc	Easton	Pa
Probescope Co. Inc	8 Sagamore Hill Dr. Port Washington	NY
Raytheon Co. Ind Components Div	55 Chapel St. Newton 58	Mass
Remanco Inc	1805 Colorado, Santa Monica	Cal
SIERRA ELECTRONIC CORP., Adv Pgs 128, 129	**3885 Bohannon Dr. Menlo Park**	**Cal**
Stark Electronic Instruments Ltd	Box 670, Ajax	Ont
Wayne Kerr Corp	1633 Race St. Philadelphia 3	Pa
WEINSCHEL ENGINEERING CO., INC Adv Pgs 51-54, 55	**10503 Metropolitan Ave, Kensington**	**Md**

ANALYZERS – *WAVE*

A. O. I. P	23 Pl. Jeanne d'Arc, Paris 13	Fr
Canadian Marconi Co	2444 Trenton Ave. Montreal	Que
CURTISS WRIGHT CORP. INTERMTN. BR., Adv Pg 474	**Box 8324, Albuquerque**	**NM**
Dawe Instruments Ltd	Harlequin Ave. Brentford, Mddx	Eng
Denner Scientific Co	888 Galindo St, Concord	Cal
Dytronics	Box 3676, Columbus 14	Ohio
Federal Scientific Corp	615 W. 131 St, New York 27	NY
Gerber Scientific Instrument Co	89 Spruce St, Hartford 1	Conn
HEWLETT-PACKARD CO., Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
Hickok Electrical Instrument Co	10532 Dupont Ave. Cleveland 8	Ohio
MARCONI INSTRUMENTS Adv Pgs 401, 402	**111 Cedar La, Englewood**	**NJ**
Minn-Honeywell, Industrial Systems Div	10721 Hanna St, Beltsville	Md
Muirhead & Co., Ltd	Beckenham, Kent, England	
PANORAMIC ELECTRONICS, INC Adv Pg 449	**520 S Fulton Ave. Mt Vernon**	**NY**
Probescope Co. Inc	8 Sagamore Hill Dr. Port Washington	NY
Quan-Tech Laboratories, Inc	60 Parsippany Blvd, Boonton	NJ
Radiometer	72 Emdrupvej, Copenhagen NV 1	For
Radiation Communications, Inc	4951 E. 59 St. Raytown	Mo
Raytheon Co. Ind Components Div	55 Chapel St. Newton 58	Mass
Remanco Inc	1805 Colorado, Santa Monica	Cal
SIERRA ELECTRONIC CORP., Adv Pgs 128, 129	**3885 Bohannon Dr. Menlo Park**	**Cal**
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
Technical Products Co	6670 Lexington Ave. Los Angeles 38	Cal
WATERMAN PRODUCTS CO. INC., Adv Pg 186	**2445 Emerald St. Philadelphia 25**	**Pa**
Wayne Kerr Corp	1633 Race St, Philadelphia 3	Pa

AN CONNECTOR CAP See CONNECTOR CAPS
ANEMOMETERS – See INDICATORS – *WIND*
ANGULAR POSITION TRANSDUCERS See TRANSDUCERS
ANNEALERS-GLASS See OVENS, DRYERS & DEHYDRATORS

ANNUNCIATORS

1. AURAL 2. MECHANICAL 3. TUBE-TYPE 4. VISUAL

Admiral Corp., 4	3800 W Cortland St. Chicago 47	Ill
American Machine & Foundry Co, 4	1025 N. Royal St, Alexandria	Va
Bennett Laboratories Inc., 1-4	1475 Powell St. Emeryville 8	Cal
Burroughs Corp. Electronic Components Div., 3-4	Box 1226, Plainfield	NJ
Camarillo Co., 2-4	1879 Mullin Ave. Torrance	Cal
Chromalloy Corp., 4	Box 4587, Philadelphia 31	Pa
Communication Equipment & Engineering, 4	5641 W. Race Ave, Chicago	Ill
E. P. Electric Products Co. Ltd., 4	9720 Waverly St. Montreal 12	Can
Eagle Electric Mfg. Co., Inc., 2	23-10 Bridge Plaza S., L.I. City	NY
ECLIPSE PIONEER DIV. BENDIX CORP., 4, Adv Pgs 354, 355	**Teterboro**	**NJ**
Evershed & Vignoles Ltd., 1-4	Chiswick, London W 4	Eng
Fisher Berkeley Corp., 1-4	1475 Powell St. Emeryville 8	Cal
Gilfillan Bros. Inc., 1	1815 Venice Blvd. Los Angeles 6	Cal
I.D.E.A., Inc., 4	7900 Pendleton Pike, Indianapolis 26	Ind
Kirkland Co., H. R., 4	8 King St. Morristown	NJ
Kurry Mfg. Co., 4	223 8th Ave. N, Seattle 9	Wash
Lee Electric Inc., 2-4	566 52 St. West New York	NJ
Loewe, Inc., 1	Box 906, Joliet	Ill
Marco Industries Co., 4	207 S. Helena St, Anaheim	Cal
NAYBOR LABS. INC., E. V., 4, Adv Pg 538	**26 Mosorhaven Blvd. Port Washington**	**NY**
Nichols, Ltd., R.H., 4	4544 Dufferin St, Downsview, Ontario, Canada	
North America Electronics, 1	723 3rd Ave. N, Birmingham 4	Ala
Nygren Electronics Co. Inc., 4	802 E 8th St, New Albany	Ind
Partrick & Wilkins Co., 2-4	53 N. Seventh St, Philadelphia	Pa
Penn Keystone Corp., 2-4	Box 350, Derby	Conn
Radar Relay, Inc., 4	2322 Michigan Ave, Santa Monica	Cal
Radiation Technology, Inc., 1-3-4	657 Antone St. NW Atlanta 18	Ga
Secode Corp., 4	555 Minnesota St. San Francisco 7	Cal
STANDARD ELECTRIC TIME CO., 4, Adv Pg 311	**89 Logan St. Springfield**	**Mass**
Tapeswitch Corp of America, 1	225-24 Linden Blvd. Cambria Heights 11	NY
United Control Corp., 1-4	Overlake Ind Pk. Box 3104, Seattle	Wash

ANNUNCIATOR WIRE See WIRE – *HOOKUP*
ANODE CONNECTORS See CONNECTORS

ANODES – *ELECTROPLATING*

1. COMMON METALS 2. PRECIOUS METALS 3. SOLDER

Allied Research Products, Inc., 1	4004 E. Monument St, Baltimore 5	Md
Alpha Metals, Inc., 3	600 Water St, Jersey City	NJ
Anchor Metal Co., 1-3	966 Meeker Ave. Brooklyn 22	NY
Attleboro Refining Co., Inc., 2	152 Union St, Attleboro	Mass
Belmont Smelting & Refining Works, 1-2-3	332 Belmont Ave. Brooklyn 7	NY
Bishop & Co., J., Platinum Works, 2	Malvern	Pa
Bram Metallurgical Chemical Co., 2	820 65 Ave. Philadelphia 26	Pa
Bridgeport Brass Co., 1	30 Grand St, Bridgeport	Conn
Chase Brass & Copper Co. Inc., 1-3	236 Grand St, Waterbury 20	Conn
COHN CORP., SIGMUND, 2, Adv Pg 519	**121 S Columbus Ave. Mt Vernon**	**NY**
Composite Industrial Metals Inc., 2-3	235 Georgia Ave. Providence 5	RI
Division Lead Co., 1-3	7742 W. 61st Pl, Summit	Ill
Engelhard Industries Inc., 2	113 Astor St, Newark 2	NJ
Gemex Corp. Industrial Div., 1-2	1200 Commerce Ave. Union	NJ
HANDY & HARMAN, 2, Adv Pg 213	**850 3rd Ave. New York 22**	**NY**
Henry & Miller Industries, Inc., 1-2	675 Garfield Ave, Jersey City 5	NJ

Johnson Matthey & Mallory Ltd., 2	110 Industry St, Toronto, Ontario, Canada	
Kennametal Inc., 2	Lloyd Ave, Latrobe	Pa
LEACH & GARNER CO. INDUSTRIAL DIV., 2, Adv Pgs 538, 539	55 School St. Attleboro	Mass
A.D. Mackay, Inc., 1-2-3	198 Broadway, New York 38	NY
Metz Refining Co., 2-3	Mulberry St. Newark 2	NJ
NATIONAL LEAD CO., 1-2-3, Adv Pg 557	111 Broadway, New York 6	NY
Ramy Mfg Co., 2	1778 W Main St. Los Angeles 31	Cal
Revere Copper & Brass, Inc., 1	230 Park Ave, New York 17	NY
Sel-Rex Corp., 2	75 River Rd. Nutley 10	NJ
Technic Inc., 2	Box 965, Providence 1	RI
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 2-3, Adv Pg 81	34 Forest St. Attleboro	Mass
Troan Mfg Co., 3	S Wallace St. Chicago 20	Ill
Van-Lee-Ord Chemical Co., 1-2	116 Broad St. New York 4	NY
Wildberg Bros. Smelting & Refining Co., 2-3	349 Butler Ave. S San Francisco	Cal
WILKINSON CO., 2-3, Adv Pg 180	1660 9th St. Santa Monica	Cal
Williams Gold Refining Co., Inc., 2	2978 Main St. Buffalo 14	NY

ANODES-*TUBE* See TUBE PARTS
ANODIZING CHEMICALS See CHEMICALS-*METAL CONVERSION COATING*
ANTENNA BRACKETS See BRACKETS
ANTENNA CONNECTORS See CONNECTORS
ANTENNA COUPLERS-TV See COUPLERS-TV *RECEIVING*
ANTENNA DUMMY LOADS See LOADS-*DUMMY*
ANTENNA FAIRLEADS See FAIRLEADS
ANTENNA FEED SYSTEMS See FEED SYSTEMS
ANTENNA FILTERS See FILTERS
ANTENNA HARDWARE See HARDWARE-*ANTENNA*
ANTENNA HOUSINGS See HOUSING-*ANTENNA*
ANTENNA INSULATORS See INSULATORS-*ANTENNA*
ANTENNA LENSES See LENSES-*MICROWAVE*
ANTENNA LOADING COILS See COILS-*ANTENNA LOADING*
ANTENNA MASTS See MASTS-*ANTENNA*
ANTENNA MODELS See ANTENNAS-*TEST MODELS*
ANTENNA MOUNTS See MOUNTS-*ANTENNA*
ANTENNA POSITION INDICATORS See INDICATORS-*ANTENNA POSITION*
ANTENNA RADIATION PATTERN RECORDERS See RECORDERS-*ANTENNA RADIATION PATTERN*
ANTENNA RADOMES See RADOMES
ANTENNA ROTATORS See ROTATORS-*ANTENNA*
ANTENNAS-AIRBORNE RADAR See ANTENNAS-*RADAR*

ANTENNAS-*AIRCRAFT RADIO*

Antenna Specialists Co	12435 Euclid Ave. Cleveland 6	Ohio
Blaine Electronetics, Inc	14757 Keswick St, Van Nuys	Cal
Canoga Div., Underwood Corp	15330 Oxnard St, Van Nuys	Cal
Collins Radio Co	5200 C Ave. NE, Cedar Rapids	Iowa
DORNE & MARGOLIN INC., Adv Pg 152	29 New York Ave. Westbury	NY
Electrada Corp	11244 Playa St. Culver City	Cal
JFD ELECTRONICS CORP., Adv Pgs 406, 407	6101 16th Ave. Brooklyn 4	NY
KINGS ELECTRONICS CO. INC., Adv Pg 506	40 Marbledale Rd. Tuckahoe	NY
LaPointe Industries, Inc	155 W. Main St, Rockville	Conn
Miller Industries	1527 Marion, Grand Haven	Mich
SERVO CORP OF AMERICA, Adv Pg 314	111 New South Rd. Hicksville	NY
Smith Mfg. Co., J&H	Little Britain Rd, Newburgh	NY
Special Electronics Co	250 E. 3rd St, Mt. Vernon	NY
Summit Electronics, Inc	7 Industrial Pl, Summit	NJ
Topp Industries, Inc	5221 W. 102 St, Los Angeles 45	Cal
U S Testing Co. Inc	1415 Park Ave. Hoboken	NJ

ANTENNAS-*BROADCAST STATION, A-M, F-M & TV*

ALFORD MFG. CO., Adv Pg 78	299 Atlantic Ave. Boston	Mass
Alpar Mfg. Corp	220 Demeter St, Palo Alto	Cal
Andrew California Corp	941 E Maryland Ave. Claremont	Cal
ANDREW CORP., Adv Pg 13	Box 807, Chicago 42	Ill
Crown Int'l. Div. Int Rad & El Corp	Elkhart	Ind
Finney Co	34 W Interstate, Bedford	Ohio
Lambda Industries Inc	Motor Ave, Farmingdale	NY
Lentex Industries Inc	Motor Ave. Farmingdale	NY
LaPointe Industries, Inc	155 W. Main St, Rockville	Conn
Prodelin Inc	307 Bergen Ave. Kearny	NJ
WIND TURBINE CO., Adv Pg 388	E Market St. West Chester	Pa

ANTENNAS-*COMMUNICATION, FIXED-STATION*

1. GROUND-PLANE 2. MULTI-BAND 3. ROTARY-BEAM 4. VERTICAL

A G A Corp., 1-2-4	1200 Duke St. Alexandria	Va
Aeronautical Electronics, Inc., 1	P.O. Box 6527, Raleigh	NC
AINSLIE CORP., 1-2-3-4, Adv Pg 408	531 Pond St. South Braintree 85	Mass
Alpar Mfg Corp	220 Demeter St. Palo Alto	Cal
AMERICAN ELECTRONIC LABS. INC., 1, Adv Pg 362	121 N 7th St. Philadelphia 6	Pa
Andrew California Corp., 1-2-4	941 E Maryland Ave. Claremont	Cal
ANDREW CORP., 1-2-4, Adv Pg 13	P. O. Box 807, Chicago 42	Ill
Antenna Products Co. Div. All Products Co., 1-2-3-4	Box 110, Mineral Wells	Tex
Antenna Specialists Co., 1-2-3-4	12435 Euclid Ave. Cleveland 6	Ohio
Applied Electronics Co., 2-4	213 E. Grand Ave, South San Francisco	Cal
Automation Dynamics Corp., 1-4	255 County Rd. Tenafly	NJ
Avien, Inc., 2-3	58-15 Northern Blvd. Woodside 77	NY
Barker & Williamson Inc., 4	Canal & Beaver Sts. Bristol	Pa
Blaw-Knox Co., 1-2-3-4	300 6th Ave. Pittsburgh 22	Pa
Bogart Mfg Corp., 1-2	315 Seigel St. Brooklyn 6	NY
CG Electronics Corp., 1-2-3-4	13000 Central E., Albuquerque	NM
Canoga Div., Underwood Corp, 2	15330 Oxnard St, Van Nuys	Cal
Capehart Corp., 1	87-46 123rd St. Richmond Hill 18	NY
Chance Vought Corp. Vought Electronics Div., 1-4	Box 1500, Arlington	Tex
Chu Associates, 1-4	P.O. Box 387, Littleton	Mass
Columbia Products Co., 1-4	Rte. 3, Columbia	SC
Communications Co., Inc., 1-4	300 Greco Ave, Coral Gables 34	Fla
Cush Craft, 1-2-3-4	621 Hayward St, Manchester	NH
Davidson Electronics Corp., 2-4	850 Shepherd Ave. Brooklyn 8	NY
Diamond Antenna & Microwave Corp., 1-2-3-4	River St, Winchester	Mass
Dielectric Products Engrg. Co. Inc., 1-2-3-4	Raymond	Me
DORNE & MARGOLIN INC., 1-2-3-4, Adv Pg 152	29 New York Ave. Westbury	NY
Dresser-Ideco Co., 3	875 Michigan Ave, Columbus 8	Ohio
Electrada Corp., 1-2-4	11244 Playa St. Culver City	Cal
Electronic Products Mfg. Co. Inc., 2	S 118 Scott St. Spokane 3	Wash
Electronic Specialty Co., 1-2-3-4	5121 San Fernando Rd. Los Angeles 39	Cal
EMPIRE DEVICES INC., 1, Adv Pg 132	Amsterdam	NY
Finney Co., 2	34 W Interstate, Bedford	Ohio
Freeman Co., 3	& Walnut Sts, Yankton	SD
GB Electronics Corp. Sub. Gen Bronze Corp., 1-2-3	711 Stewart Ave. Garden City	NY
G-C Electronics Co., 1-4	400 S Wyman St. Rockford	Ill
Gabriel Electronics Div., Gabriel Co., The, 1-2	Main & Pleasant Sts, Millis	Mass
General Crystal Co., Inc., 2	P. O. Box 9, Burlington	Wisc
General Electronic Labs, Inc., 2	8521 2nd Ave. Silver Spring	Md
Granger Associates, 1-2-4	974 Commercial St. Palo Alto	Cal
Gulton Industries, Inc., 1	212 Durham Ave. Metuchen	NJ
HALLICRAFTERS CO., 1-2-4, Adv Pg 385	4401 W 5th St. Chicago 24	Ill
Hi-Lo Mfg. Corp., 1-2-3-4	1122 W. Newport Ave, Chicago 13	Ill
I-T-E Circuit Breaker Co., 1-2-3-4	601 E Erie Ave. Philadelphia 34	Pa
ITT Federal Labs Div. ITT Corp., 1-2-3-4	500 Washington Ave. Nutley	NJ
Johnson Co., E.F.	Waseca	Minn
Kaar Engineering Corp., 1-4	2995 Middlefield Rd. Palo Alto	Cal
Kay-Townes Antenna Co., 1-3-4	1511 Dean Ave. Rome	Ga
Kennedy & Co., D. S., 1-2	Cohasset	Mass
Kreckman Co., Herb, 1-4	Cressona	Pa
Lentex Industries Inc., 1-4	Motor Ave, Farmingdale	NY
LaPointe Industries, Inc., 2	155 W. Main St, Rockville	Conn
Lindsay Antenna & Specialty Prods., Ltd., 1-2-3-4	50 Mary St, Lindsay, Ontario, Canada	
Marconi's Wireless Telegraph Co. Ltd., 4	750 3rd Ave. New York 17	NY
MARK PRODUCTS, 1-2-4 Adv Pg 486	5439 W Fargo Ave, Skokie	Ill
Master Mobile Mounts, Inc., 1-2-4	1306 Bond St, Los Angeles 15	Cal
Maury & Associates, 4	10373 Mills Ave, Montclair	Cal
Millard Electric Ltd., 1	Perth	Ont
Miller Industries, 1	1527 Marion, Grand Haven	Mich
Morrow Radio Mfg. Co., 1-4	2794 Market St, Salem	Ore
Mosley Electronics, Inc., 1-2-3-4	4610 N. Lindbergh, Bridgeton	Mo
Oregon Electronic Mfg. Co., 4	2105 SE 6th Ave, Portland	Ore
Pacific Automation Products, Inc., 2-4	1000 Air Way, Glendale 1	Cal
Philco Corp. Govt & Ind Div., 1-2	4700 Wissahickon Ave. Phila 44	Pa
POLARAD ELECTRONICS CORP., 2 Adv. Pgs 269-272	43-20 34 St. Long Island City 1	NY
Portland Industries Corp., 1	South Portland	Me
Premax Prods. Div. Chisholm-Ryder Co. Inc., 1-4	Highland & College, Niagara Falls 2	NY
Prodelin, Inc., 1-4	307 Bergen Ave, Kearny	NJ
Ramtec Corp., 1	23999 Ventura Blvd. Calabasas	Cal
Rateico, 1	820 Minor Ave. N, Seattle	Wash
RIXON ELECTRONICS INC., 1, Adv Pg 412	2414 Reedie Dr. Silver Spring	Md
Ryan Electronics Div. Ryan Aero. Co., 1-2-4	5650 Kearny Mesa Rd. San Diego 12	Cal
Scala Radio Co., 1-4	2814 19th St, San Francisco 10	Cal
Seiscor Div. Seismograph Service Corp., 4	6200 E 41 St. Tulsa	Okla
SERVO CORP OF AMERICA, 1-2, Adv Pg 314	111 New South Rd. Hicksville	NY
Sigma Electronics Research Corp., 1-2-3-4	15735 Ambaum Blvd. Seattle 6	Wash
Sinclair Radio Labs, Inc., 1-2-4	412 Chem. of Comm. Bldg. Buffalo	NY
Smith Mfg. Co., J&H, 1-3-4	Little Britain Rd, Newburgh	NY
Space Electronics Corp., 2-4	930 Air Way, Glendale 1	Cal
Sylvania Electronic Systems, 1-2-3	63 Second Ave, Waltham	Mass
Taffet Electronics Inc., 1	2725 Bklyn-Qns Exp W, Woodside 77	NY
Tamar Electronics Inc., 1-2-3	2045 W Rosecrans Ave, Gardena	Cal
TECHNICAL APPLIANCE CORP., 1-2-3-4, Adv Pg 523	P.O. Box 38, Sherburne	NY
TECHNICAL MATERIEL CORP., 4, Adv Pg 346	700 Fenimore Rd. Mamaroneck	NY
Telastro Industries Corp., 4	35-16 - 37th St. Long Island City 1	NY
TELERAD DIV. LIONEL CORP., 3, Adv Pgs 220, 221	Rt 69, Flemington	NJ
Telrex Labs., 1-2-3	Asbury Park	NJ
Tennalab, 2-3	Quincy	Ill
Thomas Mold & Die Co., 4	Wooster	Ohio
Tricraft Products Corp., 1-2-3-4	1124 W. Newport Ave, Chicago 13	Ill
Ward Products Corp., 1-4	Edson Rd. Amsterdam	NY
Washington Aluminum Co. Inc., 1-2-3-4	Pa RR & Knecht Ave. Baltimore 29	Md
Waveguide, Inc., 1	1769 Placentia Ave, Costa Mesa	Cal
Western Coil & Electrical Co., 4	215 State St, Racine	Wisc
Wheeler Laboratories, Inc., 1-3-4	Great Neck	NY
WIND TURBINE CO., 2-3-4, Adv Pg 388	E Market St. West Chester	Pa
Winder Aircraft Corp., 1-2-3-4	Dunnellon Air Base, Dunnellon	Fla
Winegard Co., 2	3000 Kirkwood Ave. Burlington	Iowa

ANTENNAS-*DIRECTIONAL COUPLERS* See COUPLERS
ANTENNAS-*DIRECTIONAL, PHASING NETWORKS* See NETWORKS
ANTENNAS-*DUMMY LOADS* See LOADS-*DUMMY*

ANTENNAS-*MARINE*

AINSLIE CORP., Adv Pg 408	531 Pond St. South Braintree 85	Mass
Antenna Specialists Co	12435 Euclid Ave, Cleveland 6	Ohio
Applied Electronics Co	213 E. Grand Ave, South San Francisco	Cal
Automation Dynamics Corp	255 County Rd. Tenafly	NJ
Avien, Inc	58-15 Northern Blvd. Woodside 77	NY
Bart Labs & Design Inc	125 Manchester Pl, Newark 4	NJ
Blaw-Knox Co	300 6th Ave, Pittsburgh 22	Pa
Chance Vought Corp. Vought Electronics Div	Box 1500, Arlington	Tex
Columbia Products Co	Rte. 3, Columbia	SC
Delta Coils, Inc.	1128 Madison Ave. Paterson 3	NJ
Dielectric Products Engrg. Co. Inc	Raymond	Me
Electrada Corp	11244 Playa St. Culver City	Cal
Electronic Specialty Co	5121 San Fernando Rd. Los Angeles 39	Cal
Gabriel Electronics Div., Gabriel Co., The	Main & Pleasant Sts, Millis	Mass
HALLICRAFTERS CO., Adv Pg 385	4401 W 5th St. Chicago 24	Ill
Hi-Lo Mfg. Corp	1122 W. Newport Ave, Chicago 13	Ill
Houston Fearless Corp	9107 Wilshire Blvd. Beverly Hills	Cal
I-T-E Circuit Breaker Co	601 E Erie Ave. Philadelphia 34	Pa
Kaar Engineering Corp	2995 Middlefield Rd, Palo Alto	Cal
Kennedy & Co., D. S.	Cohasset	Mass
LIECO INC., Adv Pg 398	150 Eileen Way, Syosset	NY
Marconi's Wireless Telegraph Co. Ltd	750 3rd Ave. New York 17	NY
MARK PRODUCTS CO Adv Pg 486	5439 W. Fargo Ave, Skokie	Ill
Master Mobile Mounts, Inc	1306 Bond St, Los Angeles 15	Cal
Oregon Electronic Mfg. Co	2105 SE 6th Ave. Portland	Ore
Pearce Simpson, Inc	2295 N.W. 14th St, Miami 35	Fla
Portland Industries Corp	South Portland	Me
Premax Products Div., Chisholm-Ryder Co., Inc	Highland & College, Niagara Falls 2	NY
Prodelin Inc	307 Bergen Ave. Kearny	NJ
RADIO CORP OF AMERICA INDL ELECTRONIC PRODS., Adv Pg 391	Front & Cooper, Camden	NJ
Rateico	820 Minor Ave. N, Seattle	Wash
RAYTHEON CO. COMMER APPAR & SYSTEMS DIV., Adv Pg 41	725 Crescent St. Waltham 54	Mass
Rowe Industries	1702 Wayne St, Toledo 9	Ohio
Savoy Electronics Inc	1314 NE 17 Ct. Box 7127, Ft Lauderdale	Fla
Scala Radio Co	2814 19th St, San Francisco 10	Cal
SERVO CORP OF AMERICA, Adv Pg 314	111 New South Rd. Hicksville	NY
Sigma Electronics Research Corp	15735 Ambaum Blvd. Seattle 6	Wash
Sinclair Radio Labs. Inc	412 Chem. of Comm. Bldg. Buffalo	NY
Stainless, Inc	3rd St, North Wales	Pa
Tamar Electronics Inc	2045 W Rosecrans Ave. Gardena	Cal
TECHNICAL APPLIANCE CORP., Adv Pg 523	P.O. Box 38, Sherburne	NY
TELERAD DIV. LIONEL CORP., Adv Pgs 220, 221	Rt 69, Flemington	NJ
Tricraft Products Corp	1124 W. Newport Ave, Chicago 13	Ill
United Shoe Machinery Corp	140 Federal St. Boston	Mass
Washington Aluminum Co. Inc	Pa RR & Knecht Ave. Baltimore 29	Md
Winder Aircraft Corp	Dunnellon Air Base, Dunnellon	Fla

ANTENNAS-MASTER COMMUNITY See ANTENNAS-TV

ANTENNAS-*MICROWAVE*

A G A Corp	1200 Duke St. Alexandria	Va
AINSLIE CORP., Adv Pg 408	531 Pond St. South Braintree 85	Mass
AIRBORNE INSTRUMENTS LAB. DIV. CUTLER-HAMMER INC., Adv Pg 151	Comac Rd. Deer Park	NY
Aircraft Armaments, Inc	Cockeysville	Md
Airtec, Inc	139 E. First Ave, Roselle	NJ
Airtron, Div of Litton Industries	200 E. Hanover Ave, Morris Plains	NJ
ALFORD MFG. CO., Adv Pg 78	299 Atlantic Ave. Boston	Mass
Alpar Mfg. Corp	220 Demeter St, Palo Alto	Cal
Amerac, Inc	Dunham Rd, Beverly	Mass
American Elite, Inc. (Telefunken)	48-50 34 St. Long Island City 1	NY
Andrew California Corp	941 E Maryland Ave. Claremont	Cal
ANDREW CORP., Adv Pg 13	P. O. Box 807, Chicago 42	Ill
ANTENNA SYSTEMS, INC., Adv Pg 428	Hingham Industrial Center, Hingham	Mass
Applied Technology, Inc	930 Industrial Ave. Palo Alto	Cal
ARRA CORP., Adv Pg 498	27 Bond St. Westbury	NY
Automation Dynamics Corp	255 County Rd. Tenafly	NJ
Avco Corp., Crosley Div	1329 Arlington St, Cincinnati 25	Ohio
Avien, Inc	58-15 Northern Blvd. Woodside 77	NY
Bart Labs & Design Inc	125 Manchester Pl, Newark 4	NJ
Blaine Electronetics, Inc	14757 Keswick St, Van Nuys	Cal
Blaw-Knox Co	300 Sixth Ave, Pittsburgh 22	Pa
Bogart Mfg. Corp	315 Seigel St, Brooklyn 6	NY
Brooks & Perkins, Inc	1950 W Fort St, Detroit 16	Mich
BUDD STANLEY CO. INC., Adv Pg 313	175 Eileen Way, Syosset	NY
CG Electronics Corp	13000 Central E., Albuquerque	NM
C & S Waveguide Corp	301 W Hoffman Ave, Lindenhurst	NY
Canoga Div., Underwood Corp	15330 Oxnard St, Van Nuys	Cal
Capehart Corp	87-46 123rd St. Richmond Hill 18	NY
Chance Vought Corp. Vought Electronics Div	Box 1500, Arlington	Tex
Chu Associates	P.O. Box 387, Littleton	Mass
Collins Radio Co	5200 C Ave. NE, Cedar Rapids	Iowa
CONTROL ELECTRONICS CO. INC., Adv Pg 444	10 Stepar Pl. Huntington Sta	NY
Crown Internat'l Div., Int. Rad & El Corp	Box 361, Elkhart	Ind
Dalmo Victor Co., Div., Textron, Inc	1515 Industrial Way, Belmont	Cal
Decitron Electronics Corp	860 Shepherd Ave. Brooklyn 8	NY
DeMORNAY-BONARDI CORP., Adv. Pgs. 178, 179	780 S Arroyo Pkwy. Pasadena	Cal
Diamond Antenna & Microwave Corp	River St, Winchester	Mass
Dielectric Products Engrg. Co. Inc	Raymond	Me
Don-Lan Electronics, Inc	1131 Olympic Blvd. Santa Monica	Cal
DORNE & MARGOLIN INC., Adv Pg 152	29 New York Ave. Westbury	NY
DOUGLAS MICROWAVE CO. INC., Adv Pg 235	252 E 3rd St. Mt Vernon	NY
E-Z Way Towers, Inc	5901 E. Broadway, Tampa	Fla
Electrada Corp	11244 Playa St. Culver City	Cal
Electronic Specialty Co	5121 San Fernando Rd. Los Angeles 39	Cal
EMPIRE DEVICES INC., Adv Pg 132	Amsterdam	NY
FXR INC., Adv Pgs 100, 101	25-26 50th St. Woodside 77	NY
Frequency Standards Div. Harvard Industries Inc	Box 504, Asbury Park	NJ
GB Electronics Corp. Sub. Gen Bronze Corp	711 Stewart Ave. Garden City	NY
Gabriel Electronics Div., Gabriel Co., The	Main & Pleasant Sts, Millis	Mass
General Electronic Labs, Inc	8521 2nd Ave, Silver Spring	Md
Gilfillan Bros., Inc	1815 Venice Blvd, Los Angeles 6	Cal
Gombos Co. Inc. John	Webro Rd. Clifton	NJ
Goodyear Aircraft Corp	1210 Massillon Rd, Akron 15	Ohio
Gorham Electronics Div. Gorham Corp	333 Adelaide Ave. Providence 7	RI
Granger Associates	974 Commercial St, Palo Alto	Cal
HRB-Singer, Inc	Science Park, State College	Pa
HALLICRAFTERS CO., Adv Pg 385	4401 W 5th St. Chicago 24	Ill
Hi-Lo Mfg. Corp	1122 W. Newport Ave, Chicago 13	Ill
Hughes Microwave Components Div	Florence & Teale, Culver City	Cal
I-T-E Circuit Breaker Co	601 E Erie Ave. Philadelphia 34	Pa
Instrument Systems Corp	129-07 18th Ave. College Point 56	NY
Jasper Antenna Co	7590 14th Ave, Sacramento	Cal
KEARFOTT DIV., GEN PRECISION INC., Adv Pg 394	Little Falls	NJ
Kennedy & Co., D.S.	Cohasset	Mass
KINGS ELECTRONICS CO. INC., Adv Pg 506	40 Marbledale Rd. Tuckahoe	NY
LaPointe Industries, Inc	155 W. Main St, Rockville	Conn
LIECO INC., Adv Pg 398	150 Eileen Way, Syosset	NY
McDonnell Aircraft Co	Box 516, St Louis 66	Mo
Marconi's Wireless Telegraph Co., Ltd	750 Third Ave, New York 17	NY
MARK PRODUCTS CO Adv Pg 486	5439 W. Fargo Ave. Skokie	Ill
Maury & Associates	10373 Mills Ave. Montclair	Cal
Maxson Electronics Corp	475 10th Ave. New York 18	NY
Meridian Metalcraft, Inc	8739 S. Millergrove Dr, Whittier	Cal
Microtech, Inc	Hillside Rd. Cheshire	Conn
Microwave Components, Inc	Doylestown	Pa
Narda Microwave Corp	Plainview	NY
Philco Corp., Gov't & Ind'l Div	4700 Wissahickon Ave, Philadelphia 44	Pa
POLARAD ELECTRONICS CORP Adv Pg 269-272	43-20 34 St, Long Island City 1	NY
Portland Industries Corp	South Portland	Me
PREMIER MICROWAVE CORP., Adv Pg 469	33 New Broad St. Port Chester	NY
Prodelin, Inc	307 Bergen Ave. Kearny	NJ
R.L.C. Electronics, Inc	83 Mamaroneck Ave, Mamaroneck	NY
RADAR MEASUREMENTS CORP Adv Pg 516	190 Duffy Ave, Hicksville	NY

Rantec Corp	23999 Ventura Blvd, Calabasas	Cal
Raymond De-Icer & Eng. Co. Inc	5300 Pacific Blvd. Huntington Park	Cal
Raytheon Co. Commun. & Data Process Oper.	145 Boston-Provid. Tpke., Norwood	Mass
Raytheon Co. Govt Mktg	Lexington 73	Mass
Reeves Instrument Corp	Roosevelt Field, Garden City	NY
Ryan Electronics Div. Ryan Aero. Co	5650 Kearny Mesa Rd. San Diego 12	Cal
Sage Laboratories, Inc	3 Huron Dr, Natick	Mass
SANDERS ASSOCIATES, INC., Adv Pg 380	95 Canal St. Nashua	NH
Scientific-Atlanta, Inc	2162 Piedmont Rd N.E., Atlanta 9	Ga
SHIMADA PHYSICAL & CHEMICAL INDUSTRIAL CO., Adv Pg 258	415 Shibazakicho, ChoFu-City, Tokyo	Jap
Sigma Electronics Research Corp	15205 Aurora Blvd. Seattle 6	Wash
Sinclair Radio Labs, Inc	412 Cham. of Comm. Bldg. Buffalo	NY
Smith Mfg. Co., J&H	Little Britain Rd, Newburgh	NY
Specialty Electronics Development Corp	Eileen Way, Syosset	NY
Spectra Electronics Co	250 E 3rd St, Mt Vernon	NY
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
Stainless, Inc	3rd St, North Wales	Pa
Sterling Instrument Div	17 Matinecock Ave. Port Washington	NY
STODDART AIRCRAFT RADIO CO. INC., Adv Pgs 455, 456	6644 Santa Monica Blvd. Hollywood 38	Cal
Sylvania Electronic Systems	63 Second Ave, Waltham	Mass
TRG Inc	9 Union Sq. Somerville	Mass
Tamar Electronics, Inc	2045 W. Rosecrans Ave, Gardena	Cal
TECHNICAL APPLIANCE CORP., Adv Pg 523	P.O. Box 38, Sherburne	NY
TELERAD DIV. LIONEL CORP., Adv Pgs 220, 221	Rt 69, Flemington	NJ
Temco Electronics Div. Temco Electronics & Missiles Co	Box 6191, Dallas 22	Tex
Tomgren Co., Inc., C.W.	236 Pearl St, Somerville 45	Mass
Tower Construction Co	2700 Hawkeye Dr, Sioux City	Iowa
Transco Products Inc	12210 Nebraska Ave. Los Angeles 25	Cal
Tricraft Products Corp	1124 W. Newport Ave, Chicago 13	Ill
Turbo Machine Co	840 W. Main St, Lansdale	Pa
United Shoe Machinery Corp	140 Federal St. Boston	Mass
Victor R.F. & Microwave Co	38 W Water St. Wakefield	Mass
Washington Aluminum Co. Inc	Pa RR & Knecht Ave. Baltimore 29	Md
Waveguide, Inc	1769 Placentia Ave, Costa Mesa	Cal
Wiley Electronic Products Co	2045 W Cheryl Dr. Phoenix	Ariz
Winder Aircraft Corp	Dunnellon Air Base, Dunnellon	Fla
Zenith Plastic Co	P.O. Box 91, Gardena	Cal

ANTENNAS –*MOBILE*

1. AUTO RADIO 2. RECEIVING 3. TRANSMITTING WHIP

Aeronautical Electronics, Inc., 2-3	P.O. Box 6527, Raleigh	NC
All American Engineering Co. Inc., 1-2	Box 1247, Wilmington 99	Del
American Development Electronics Co., 3	77 Pomier St. Newark	NJ
Andrew California Corp., 3	941 E Maryland Ave. Claremont	Cal
Antenna Specialists Co., 1-2-3	12435 Euclid Ave, Cleveland 6	Ohio
Applied Electronics Co., 3	213 E. Grand Ave, South San Francisco	Cal
Automatic Radio Mfg Co. Inc., 1-2-3	122 Brookline Ave. Boston	Mass
Avien, Inc., 2-3	58-15 Northern Blvd. Woodside 77	NY
Boulevard Electronics Inc., 3	4757 N Ravenswood Ave. Chicago 40	Ill
Brach Mfg. Corp., 1-2-3	200 Central Ave. Newark	NJ
Bundy Corp. Omaha Div., 1	Box 817, Toledo 1	Ohio
CG Electronics Corp., 2	15000 Central E., Albuquerque	NM
CWS Waveguide Corp., 3	301 W Hoffman Ave. Lindenhurst	NY
California Technical Industries, 2	1421 Old County Rd. Belmont	Cal
Columbia Products Co., 3	Rte. 3, Columbia	SC
COLUMBIA WIRE & SUPPLY CO., 2, Adv Pg 470	2850 Irving Park Rd. Chicago 18	Ill
Delta Coils, Inc., 3	1128 Madison Ave. Paterson 3	NJ
Dielectric Products Engrg. Co. Inc., 2-3	Raymond	Me
Electronic Products Corp., 1	State & Water Sts, St Joseph	Mich
Electronic Specialty Co., 2	5121 San Fernando Rd. Los Angeles 39	Cal
Finney Co., 2	34 W Interstate, Bedford	Ohio
G-C Electronics Co., 1-2-3	400 S Wyman St. Rockford	Ill
General Dynamics Electronics, 1	100 Carlson Rd. Rochester 3	NY
Granger Associates, 2	974 Commercial St. Palo Alto	Cal
HALLICRAFTERS CO., 2, Adv Pg 385	4401 W 5th St. Chicago 24	Ill
Hi-Lo Mfg. Corp., 1-2-3	1122 W. Newport Ave, Chicago 13	Ill
JFD ELECTRONICS CORP., 1-2-3, Adv Pgs 406, 407	6101 16th Ave. Brooklyn 4	NY
K-W Engineering Works, 3	N 50 W16328 Pin Oak Ct, (P.O.) Butler	Wisc
Kaar Engineering Corp., 3	2995 Middlefield Rd, Palo Alto	Cal
KINGS ELECTRONICS CO. INC., 3, Adv Pg 506	40 Marbledale Rd. Tuckahoe	NY
Lamtex Industries Inc., 3	Motor Ave, Farmingdale	NY
MARK PRODUCTS CO., 3, Adv Pg 486	5439 W Fargo Ave. Skokie	Ill
Master Mobile Mounts, Inc., 1-2-3	1306 Bond St, Los Angeles 15	Cal
Materials for Electronics Inc., 1-2-3	152-25 138 Ave. Jamaica 34	NY
Mosley Electronics, Inc., 3	4610 N. Lindbergh, Bridgeton	Mo
Oregon Electronic Mfg. Co., 2-3	2105 SE 6th Ave, Portland	Ore
Premax Products Div., Chisholm-Ryder Co., Inc., 3	Highland & College, Niagara Falls 2	NY
Prodelin Inc., 3	307 Bergen Ave. Kearny	NJ
RF PRODUCTS DIV. AMPHENOL-BORG ELECTRONICS CORP., 2-3, Adv Pg 204	33 E Franklin St. Danbury	Conn
Radion Corp., The, 1-2-3	345 Terra Cotta Ave, Crystal Lake	Ill
Rateico, 2-3	820 Minor Ave. N, Seattle	Wash
Raymond De-Icer & Eng. Co. Inc., 1	5300 Pacific Blvd. Huntington Park	Cal
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., 1-2-3, Adv Pg 37	411 Providence Tpk. Westwood	Mass
Rego Insulated Wire Co., 1	830 Monroe St. Hoboken	NJ
Rye Sound Corp., 1	145 Elm St. Mamaroneck	NY
Savoy Electronics Inc	1314 NE 17 Ct. Box 7127, Ft Lauderdale	Fla
Scala Radio Co., 2	2814 19th St. San Francisco 10	Cal
SERVO CORP OF AMERICA, 2, Adv Pg 314	111 New South Rd. Hicksville	NY
Smith Mfg. Co., J&H, 2-3	Little Britain Rd, Newburgh	NY
Snyder Mfg. Co., 1	22 & Ontario St, Philadelphia	Pa
Spirling Products Co., Inc., 1	Hanrietta St & Duffy Ave, Hicksville	NY
TECHNICAL APPLIANCE CORP., 2, Adv Pg 523	P. O. Box 38, Sherburne	NY
TECHNICAL MATERIEL CORP., 2-3, Adv Pg 346	700 Fenimore Rd. Mamaroneck	NY
Telco Electronics Mfg. Co., 1-2-3	400 S Wyman St. Rockford	Ill
Tenatronics Ltd., 1	1011 Power Ave, Cleveland 14	Ohio
Tricraft Products Corp., 1-2-3	1124 W. Newport Ave, Chicago 13	Ill
Ward Products Corp., 1-2-3	Edison Rd, Amsterdam	NY
Washington Aluminum Co. Inc., 2	Pa RR & Knecht Ave. Baltimore 29	Md
Wheeler Laboratories, Inc., 2-3	Great Neck	NY

ANTENNAS –*RADAR*

1. AIRBORNE, COMMERCIAL 2. GROUND, COMMERCIAL 3. MILITARY 4. SHIP, COMMERCIAL

A G A Corp., 3	1200 Duke St. Alexandria	Va
Admiral Corp., 3	3800 W Cortland St. Chicago 47	Ill
AINSLIE CORP., 1-2-3-4, Adv Pg 408	531 Pond St. South Braintree 85	Mass
Airtron, Div of Litton Industries, 1-2-3-4	200 E Hanover Ave. Morris Plains	NJ
AMERICAN ELECTRONIC LABS. INC., 3, Adv Pg 362	121 N 7th St. Philadelphia 6	Pa
American Machine & Foundry Co., Government Products Group, 2-3	1701 K St, N.W., Washington 6	DC
Andrew California Corp., 2-3-4	941 E Maryland Ave. Claremont	Cal
ANDREW CORP., 2-3, Adv Pg 13	Box 807, Chicago 42	Ill
Antenna Products Co. Div. All Products Co., 3	Box 110, Mineral Wells	Tex
ANTENNA SYSTEMS, INC., 2-3, Adv Pg 428	Hingham Industrial Center, Hingham	Mass
Automation Dynamics Corp., 3	255 County Rd. Tenafly	NJ
Avco Corp., Crosley Div., 3	1329 Arlington St, Cincinnati 25	Ohio
Avco Corp., Nashville Div., 3	Box 210, Nashville	Tenn
Avien, Inc., 1-2-3-4	58-15 Northern Blvd. Woodside 77	NY
Bart Labs & Design Inc., 1-2-3-4	125 Manchester Pl, Newark 4	NJ
Bendix Corp. York Div., 3	York	Pa
Birdair Structures, Inc., 3	1800 Broadway, Buffalo 12	NY
Blaw-Knox Co., 2-3	300 Sixth Ave, Pittsburgh 22	Pa
Bogart Mfg. Corp., 1-3	315 Siegel St, Brooklyn 6	NY
Brooks & Perkins, Inc., 1-2-3	1950 W. Fort St, Detroit 16	Mich
BUDD STANLEY CO. INC., 1-2-3-4, Adv Pg 313	175 Eileen Way, Syosset	NY
Bulova Electric Co. Inc., 3	11000 Capital Ave. Oak Park	Mich
CWS Waveguide Corp., 1-2-3-4	301 W Hoffman Ave. Lindenhurst	NY
Canoga Div., Underwood Corp., 3	15330 Oxnard St, Van Nuys	Cal
Capehart Corp., 1-3	87-46 123rd St. Richmond Hill 18	NY
Chance Vought Corp. Vought Electronics Div., 3	Box 1500, Arlington	Tex
Chu Associates, 3	P.O. Box 387, Littleton	Mass
Dalmo Victor Co. Div. Textron Inc., 3	1515 Industrial Way, Belmont	Cal
Decitron Electronics Corp., 3	850 Shepherd Ave. Brooklyn 8	NY
Diamond Antenna & Microwave Corp., 1-2-3-4	River St, Winchester	Mass
Dielectric Products Engrg. Co. Inc., 1-2-3-4	Raymond	Me
Don-Lan Electronics Inc., 1-3	1131 Olympic Blvd. Santa Monica	Cal
DORNE & MARGOLIN INC., 1-3, Adv Pg 152	29 New York Ave. Westbury	NY
DOUGLAS MICROWAVE CO. INC., 1-2-3, Adv Pg 235	252 E 3rd St. Mt Vernon	NY
Diesser-Ideco Co., 2-3	875 Michigan Ave, Columbus 8	Ohio
ECLIPSE PIONEER DIV. BENDIX CORP., 1, Adv Pgs 354, 355	Teterboro	NJ
Electrada Corp., 1-2-3-4	11244 Playa St. Culver City	Cal
Electronic Specialty Co., 3	5121 San Fernando Rd. Los Angeles 39	Cal
Emerson Electric Mfg. Co., 3	8100 Florissant Ave, St. Louis 36	Mo
Finney Co., 3	34 W Interstate, Bedford	Ohio
GB Electronics Corp. Sub. Gen Bronze Corp., 1-2-3	711 Stewart Ave. Garden City	NY
Gabriel Electronics Div., Gabriel Co., The, 1-2-3-4	Main & Pleasant Sts, Millis	Mass
General Electric Co. Ordnance Dept., 3	100 Plastics Ave. Pittsfield	Mass
General Electronic Labs, Inc., 3	8521 2nd Ave. Silver Spring	Md
Gilfillan Bros., Inc., 2-3	1815 Venice Blvd, Los Angeles 6	Cal
Goodyear Aircraft Corp., 3	1210 Massillon Rd, Akron 15	Ohio
Gorham Electronics Div. Gorham Corp., 1	333 Adelaide Ave. Providence 7	RI
Granger Associates, 3	974 Commercial St, Palo Alto	Cal
HALLICRAFTERS CO., 3, Adv Pg 385	4401 W 5th St. Chicago 24	Ill
Houston Fearless Corp., 1-3	9107 Wilshire Blvd. Beverly Hills	Cal
Hughes Microwave Components Div., 3	Florence & Teale, Culver City	Cal
I-T-E Circuit Breaker Co., 1-2-3-4	601 E Erie Ave. Philadelphia 34	Pa
ITT Federal Labs Div. ITT Corp., 3	500 Washington Ave. Nutley	NJ
Kearfott Div. Gen. Precision Inc. Microwave Prods., 1-2-3-4	14844 Oxnard St. Van Nuys	Cal
Kennedy & Co., D. S., 2-3-4	Cohasset	Mass
KINGS ELECTRONICS CO. INC., 1-3, Adv Pg 506	40 Marbledale Rd. Tuckahoe	NY
Lamtex Industries Inc., 1-2-3-4	Motor Ave, Farmingdale	NY
Land-Air, Inc., 1-3	7444 W Wilson Ave. Chicago 31	Ill
LIECO INC., 1-3, Adv Pg 398	150 Eileen Way, Syosset	NY
Lockheed Electronics Co. Military Sys Div., 1-2-3	US Hwy. 22, Plainfield	NJ
McDonnell Aircraft Co., 1-2-3	Box 516, St Louis 66	Mo
Magnavox Co., 3	2131 Bueter Rd. Fort Wayne 4	Ind
Marconi's Wireless Telegraph Co., Ltd., 2-3-4	750 Third Ave, New York 17	NY
MARK PRODUCTS CO., 2-3-4, Adv Pg 486	5439 W Fargo Ave. Skokie	Ill
Martin Co., 3	Mail No. G3037, Baltimore 3	Md
Master Mobile Mounts, Inc., 4	1306 Bond St, Los Angeles 15	Cal
Maxson Electronics Corp., 3	475 10th Ave. New York 18	NY
Meridian Metalcraft, Inc., 1-3	8739 S Millergrove Dr. Whittier	Cal
Microlab, Inc., 3	Mildale Rd. Cheshire	Conn
MICROWAVE CORP. OF AMERICA, 1-2-3, Adv Pg 462	P.O. Box 278, Stamford	Conn
Miller Industries, 1-3-4	1527 Marion, Grand Haven	Mich
Minn-Honeywell, Military Prods Gr., 3	2600 Ridgway Rd. Minneapolis 13	Minn
MODEL ENG. & MFG. CORP., 1-3, Adv Pg 480	50 Frederick St. Huntington	Ind
Norden Div. United Aircraft Corp., 3	Helen St. Norwalk	Conn
Olympic Radio & TV Div. Siegler Corp., 3	34-01 38 Ave. Long Island City 1	NY
Philco Corp., Gov't & Ind'l Div., 2-3	4700 Wissahickon Ave, Philadelphia 44	Pa
Portland Industries Corp., 3	South Portland	Me
Prodelin Inc., 2-3	307 Bergen Ave. Kearny	NJ
Radiation, Inc., 3	Melbourne	Fla
Radio Corp. of America, Defense Electronic Prods., 1-3	Bldg. 15-2 Camden	NJ
RADIO CORP. OF AMERICA, INDL ELECTRONIC PRODS., 4, Adv Pg 391	Front & Cooper, Camden	NJ
Rantec Corp., 1-2-3-4	23999 Ventura Blvd, Calabasas	Cal
Raymond De-Icer & Eng. Co. Inc., 1-2-3	5300 Pacific Blvd. Huntington Park	Cal
Raytheon Co. Govt Mktg., 3	Lexington 73	Mass
Reeves Instrument Corp., 3	Roosevelt Field, Garden City	NY
Ryan Electronics Div. Ryan Aero. Co., 1-3	5650 Kearny Mesa Rd, San Diego 12	Cal
SANDERS ASSOCIATES INC., 3, Adv Pg 380	95 Canal St. Nashua	NH
Scala Radio Co., 2	2814 19th St. San Francisco 10	Cal
Scientific-Atlanta Inc., 3	2162 Piedmont Rd, NE, Atlanta 9	Ga
SERVO CORP OF AMERICA, 1-2-3-4, Adv Pg 314	111 New South Rd. Hicksville	NY
Sigma Electronics Research Corp., 1-2-3	15205 Aurora Blvd. Seattle 6	Wash
Sinclair Radio Labs, Inc., 1-4	412 Cham. of Comm. Bldg. Buffalo	NY
Space Electronics Corp., 1-3	930 Air Way, Glendale 1	Cal
Spectra Electronics Co., 3	250 E 3rd St. Mt Vernon	NY
Sperry Microwave Electronics Co., 1-2-3	Box 1828, Clearwater	Fla
Stainless, Inc., 2-3	3rd St, North Wales	Pa
Standard Tel. & Cables Ltd., 1	29 Glasshouse Yard, London	Eng
Strand Engineering Co., 3	7300 Huron River Dr. Dexter	Mich
TRG Inc., 3	9 Union Sq. Somerville	Mass
Tamar Electronics Inc., 1-3	2045 W Rosecrans Ave. Gardena	Cal
TECHNICAL APPLIANCE CORP., 1-2-3-4, Adv Pg 523	P.O. Box 38, Sherburne	NY
Telecomputing Corp., 2-3	915 N Citrus Ave. Hollywood	Cal
TELERAD DIV. LIONEL CORP., 1-2-4, Adv Pgs 220, 221	Rt 69, Flemington	NJ
Telrex Labs., 2-3	Asbury Park	NJ
Temco Electronics Div. Temco Electronics & Missiles Co., 1	Box 6191, Dallas 22	Tex
Texas Instruments Incorporated, Apparatus Div. Govt Prods Gr., 3	Box 6015, Dallas 22	Tex
Topp Industries, Inc., 1-2	5221 W. 102 St, Los Angeles 45	Cal
Tomgren Co. Inc., C. W., 1-2-3	236 Pearl St. Somerville 45	Mass
Tri-Ex Tower Corp., 2	127 E Inyo, Tulare	Cal
Turbo Machine Co., 3	840 N Main St. Lansdale	Pa
United Shoe Machinery Corp., 1-2-3-4	140 Federal St. Boston	Mass
U S Testing Co. Inc., 3	1415 Park Ave. Hoboken	NJ
Ward Products Corp., 4	Edison Rd. Amsterdam	NY
Washington Aluminum Co. Inc., 3	Pa RR & Knecht Ave. Baltimore 29	Md
Waveguide, Inc., 1-3	1769 Placentia Ave, Costa Mesa	Cal
Waveline, Inc., 3	P.O. Box 718, Caldwell	NJ
Wheeler Laboratories, Inc., 3	Great Neck	NY
Wilcox Electric Co., 1	1400 Chestnut St, Kansas City	Mo
Wiley Electronic Products Co., 1-2-3-4	2045 W Cheryl Dr. Phoenix	Ariz
Winder Aircraft Corp., 3	Dunnellon Air Base, Dunnellon	Fla
Z & W Mfg. Corp. Electronics Div., 1-3	30240 Lakeland Blvd. Wickliffe	Ohio
Zenith Plastic Co., 1-2-3	P.O. Box 91, Gardena	Cal

ANTENNAS –*RADIO RECEIVING, ENTERTAINMENT*

1. A-M FERRITE-ROD 2. A-M LOOP, WIRE 3. A-M OUTDOOR 4. F-M BUILT-IN 5. F-M OUTDOOR

Ace Coil & Electronics Co., 1	912 Lincoln Hwy, Metuchen	NJ
Aerolite Electronics Corp., 1-2	2207 Summit Ave, Union City	NJ
American Electronics Co., 3-4-5	178 Herricks Rd. Mineola	NY
Antenna Designs, Inc., 5	922 Washington St. Burlington	Iowa
Antenna Specialists Co., 3-5	12435 Euclid Ave. Cleveland 6	Ohio
Apparatus Development Co., Inc., 5	Drawer 153, Wethersfield 9	Conn
Artted Co., Inc., 1	367 Worthington St, Springfield 3	Mass
Barker Products Co., 4	3 Commercial Park, West Bridgewater	Mass
CBC Electronics Co. Inc., 4	2601 N Howard St. Philadelphia 33	Pa
Caddell Burns Mfg. Co., Inc., 2	40 E 2nd St. Mineola	NY
Calbest Electronics Co., 1-2	4801 Exposition Blvd. Los Angeles 16	Cal
Central Coil Co., 1	1722 N. Luett St, Indianapolis	Ind
Channel Master Co., 5	Ellenville	NY
Clear Beam Antenna Co., 5	21341 Roscoe Blvd, Canoga Park	Cal
Coils-Electronics Co., 1	2909-49 N. 2nd St, Philadelphia 33	Pa
COLUMBIA WIRE & SUPPLY CO., 3, Adv Pg 470	2850 Irving Park Rd. Chicago 18	Ill
Consolidated Wire & Associated Corps., 3	1635 S. Clinton St, Chicago 16	Ill
Crowley Div. Smith Corp., A. O., 1	1 Central Ave. W Orange	NJ
Cush Craft, 5	621 Hayward St, Manchester	NH
DALE ELECTRONICS INC., 1, Adv Pgs 120, 121	Box 488, Columbus	Neb
Dale Electronics Inc. Sioux Div., 1	190 Douglas Ave. Yankton	SD
Delta Coils, Inc., 1	1128 Madison Ave. Paterson 3	NJ
Dukane Corp., 3-5	St Charles	Ill
El-Rad Mfg. Co., 1-2	4300 N. California Ave, Chicago 18	Ill
Ferricore, Inc., 1	250 South St. Newark	NJ
Finney Co., 5	34 W. Interstate, Bedford	Ohio
G-C Electronics Co., 1-5	400 S Wyman St. Rockford	Ill
Gavitt Wire & Cable Co., 2	Central St, Brookfield	Mass
GENERAL CERAMICS DIV. INDIANA GENERAL CORP., 1-4, Adv Pg 77	Keasbey	NJ
General Coil Products Corp., 1-2	147-12 Liberty Ave. Jamaica 35	NY
General Instrument of Canada Ltd., 1-2	151 Weber St. S, Waterloo	Ont
Hi-Lo Mfg Corp., 3	1122 W Newport Ave. Chicago 13	Ill
JFD ELECTRONICS CORP., 1-2-3-4-5, Adv Pgs 406, 407	6101 16th Ave. Brooklyn 4	NY
Laboratoire Ind. de Physique Appl., 1	67 Rue MA Columbier, Bagnolet Seine	Fr
Lance Antenna Corp., 3-5	1730-1802 First St. San Fernando	Cal
Lindsay Antenna & Specialty Prods., Ltd., 5	50 Mary St, Lindsay, Ontario, Canada	
Materials for Electronics Inc., 1-3	152-25 138 Ave. Jamaica 34	NY
Miller Co., J.W., 1-2	5917 S Main St. Los Angeles 3	Cal
MITSUMI ELECTRIC CO. LTD., 1, Adv Pg 266	1056-1 Kodachi, Komae-cho Kitatama-gun Tokyo	Jap
National Moldite Co. Inc., 1	250 South St. Newark 5	NJ
Oaktron Electric Co., 2	Tinley Park	Ill
OXITRON CORP., 1-2-4, Adv Pg 540	42-62 Johnes St. Newburgh	NY
Philmore Mfg. Co., Inc., 3	130-01 Jamaica Ave, Richmond Hill 18	NY
Precision Electronics, Inc., 1-2-4	9101 King St, Franklin Park	Ill
Radio Merchandise Sales, Inc., 5	2016 Bronxdale Ave, New York 62	NY
Radion Corp., The, 3-4-5	345 Terra Cotta Ave, Crystal Lake	Ill
Rateico, 5	820 Minor Ave. N, Seattle	Wash
Renco Electronics, Inc., 1	240-1 Old Country Rd, Hicksville	NY
Rollar Electric Co., 1-2	6233 S. Princeton Ave, Chicago 21	Ill
S & A Electronics, Inc., 5	1025 Nevada St, Toledo 5	Ohio
Sargent-Rayment Co., 4	462 Hester Ave. San Leandro	Cal
Scala Radio Co., 5	2814 19th St, San Francisco 10	Cal
Sierra Electric Corp., 4	15100 S. Figueroa St, Gardena	Cal
Smallwood Ltd., E. C., 1-2	391-397 King St. E, Kitchener	Can
STANDARD WINDING CORP., 1, Adv Pg 540	44-62 Johnes St. Newburgh	NY
Stanwyck Winding Co., 1-2	137 Walsh Ave, Newburgh	NY
Superex Electronics Corp., 1	4-6 Radford Pl, Yonkers	NY
Surface Conduction, Inc., 5	1501 Broadway, New York 36	NY
TECHNICAL APPLIANCE CORP., 5, Adv Pg 523	P.O. Box 38, Sherburne	NY
Telco Electronics Mfg. Co., 3-5	400 S Wyman St. Rockford	Ill
Tennalab, 5	Quincy	Ill
Thordarson-Meissner Mfg. Co., 1-2	7th & Belmont Ave, Mt. Carmel	Ill
Tricraft Products Corp., 3	1124 W Newport Ave. Chicago 13	Ill
Vitamite Electronics Mfg. Corp., 1	365 Babylon Tpk., Roosevelt	NY
Weller Electronics, Inc., 4	Hancock & Somerset, Philadelphia 33	Pa
Whitewater Electronics Inc., 1-2-4	138 W Main St, Whitewater	Wis

WIND TURBINE CO., 5, Adv Pg 388 — E Market St. West Chester — Pa
Winegard Co., 5 — 3000 Kirkwood Ave. Burlington — Iowa
Zenith Radio Corp., 1-2 — 6001 Dickens Ave. Chicago 39 — Ill

ANTENNAS—*RADIO TELESCOPE* See RADIO TELESCOPES

ANTENNAS—*RAILROAD RADIO*
Andrew California Corp — 941 E Marylind Ave. Claremont — Cal
Antenna Specialists Co — 12435 Euclid Ave, Cleveland 6 — Ohio
Brach Mfg. Corp — 200 Central Ave. Newark — NJ
Dielectric Products Engrg. Co. Inc — Raymond — Me
Kreckman Co., Herb — Cresco — Pa
MARK PRODUCTS CO Adv Pg 486 — 5439 W Fargo Ave. Skokie — Ill
Scala Radio Co — 2814 19th St. San Francisco 10 — Cal
Sinclair Radio Labs. Inc — 412 Cham. of Comm. Bldg. Buffalo — NY
TECHNICAL APPLIANCE CORP., Adv Pg 523 — P.O. Box 38, Sherburne — NY

ANTENNAS—*TELESCOPIC*
Alpar Mfg Corp — 271 Demeter St. Palo Alto — Cal
Andrew California Corp — 941 E Marylind Ave. Claremont — Cal
Antenna Products Co. Div. All Products Co — Box 110, Mineral Wells — Tex
Antenna Specialists Co — 12435 Euclid Ave, Cleveland 6 — Ohio
Brach Mfg. Corp — 200 Central Ave, Newark — NJ
G-C Electronics Co — 400 S Wyman St. Rockford — Ill
JFD ELECTRONICS CORP., Adv Pgs 406, 407 — 6101 16th Ave. Brooklyn 4 — NY
K-W Engineering Works — N52 W16328 Pin Oak Ct. (P.O.) Butler — Wisc
Kennedy & Co., D. S. — Cohasset — Mass
Lance Antenna Corp — 1730-1802 First St, San Fernando — Cal
Materials for Electronics, Inc — 152-25 138 Ave, Jamaica 34 — NY
Peerless Products Industries — 812 N. Pulaski St. Chicago 51 — Ill
Premax Products Div., Chisholm-Ryder Co., Inc — Highland & College, Niagara Falls 2 — NY
Radion Corp., The — 345 Terra Cotta Ave, Crystal Lake — Ill
SERVO CORP OF AMERICA, Adv Pg 314 — 111 New South Rd. Hicksville — NY
Sinclair Radio Labs. Inc — 412 Cham. of Comm. Bldg. Buffalo — NY
Spalling Products Co. Inc — Henrietta St & Duffy Ave. Hicksville — NY
Stainless, Inc — 3rd St, North Wales — Pa
Tenatronics Ltd — 1011 Power Ave, Cleveland 14 — Ohio
Thomas Mold & Die Co — Wooster — Ohio
Tri-Ex Tower Corp — 127 E Inyo, Tulare — Cal
Ward Products Corp — Edson Rd, Amsterdam — NY
Washington Aluminum Co., Inc — Pa RR & Knecht, Baltimore 29 — Md

ANTENNAS—*TEST MODELS*
A G A Corp — 1200 Duke St. Alexandria — Va
AINSLIE CORP., Adv Pg 408 — 531 Pond St. South Braintree 85 — Mass
Andrew California Corp — 941 E Marylind Ave. Claremont — Cal
Antenna Specialists Co — 12435 Euclid Ave, Cleveland 6 — Ohio
Alburn & Merrill Inc — 49 Post Rd, S Sudbury — Mass
Blaine Electronetics, Inc — 14757 Keswick St, Van Nuys — Cal
Dielectric Products Engrg. Co. Inc — Raymond — Me
Electro-Radio Products — 4806 W Chicago Ave. Chicago 51 — Ill
Finney Co. — 34 W Interstate, Bedford — Ohio
Hi-Lo Mfg. Corp — 1122 W. Newport Ave, Chicago 13 — Ill
Peerless Products Industries — 812 N Pulaski St. Chicago 51 — Ill
SERVO CORP OF AMERICA, Adv Pg 314 — 111 New South Rd. Hicksville — NY
Sierra Electronics Research Corp — 15735 Ambaum Blvd. Seattle 6 — Wash
Sinclair Radio Labs. Inc — 412 Cham. of Comm. Bldg. Buffalo — NY
Tricraft Products Corp — 1124 W. Newport Ave, Chicago 13 — Ill
Tri-Ex Tower Corp — 127 E Inyo, Tulare — Cal
Washington Aluminum Co. Inc — Pa RR & Knecht Ave. Baltimore 29 — Md
WIND TURBINE CO., Adv Pg 388 — E Market St. West Chester — Pa
Winder Aircraft Corp — Dunnellon Air Base, Dunnellon — Fla

ANTENNAS—TV, VHF & UHF
1. MASTER COMMUNITY
2. RECEIVING, BUILT-IN
3. RECEIVING, INDOOR
4. RECEIVING, OUTDOOR

American Electronics Co., 4 — 17 Herricks Rd, Mineola — NY
Antenna Designs, Inc., 4 — 812 Washington St. Burlington — Iowa
Antenna Products Co. Div. All Products Co., 4 — Box 110, Mineral Wells — Tex
Benco Television Associates, Ltd., 1 — 27 Taber Rd, Rexdale, Ontario, Canada
Brach Mfg. Corp., 2-3 — 200 Central Ave, Newark — NJ
CG Electronics Corp., 4 — 1500 Central E., Albuquerque — NM
Channel Master Co., 3-4 — Ellenville — NY
Chief Beam Antenna Co., 3-4 — [illegible] Roscoe Blvd, Canoga Park — Cal
Cush Craft, 1-4 — 621 Hayward St, Manchester — NH
Dielectric Products Engrg. Co. Inc., 1 — Raymond — Me
Finney Co., 1-4 — 34 W Interstate, Bedford — Ohio
G-C Electronics Co., 2-3-4 — 400 S Wyman St. Rockford — Ill
Hi-Lo Mfg Corp., 3-4 — 1122 W Newport Ave. Chicago 13 — Ill
Intercontinental Electronics Corp., 1 — 385 Sunrise Dr. Westbury 29 — NY
JFD ELECTRONICS CORP., 2-3-4, Adv Pgs 406, 407 — 6101 16th Ave. Brooklyn 4 — NY
Jerrold Electronics Corp., 1-3 — 15th & Lehigh, Philadelphia 32 — Pa
Kalmus Associates, Inc., 3 — 433 Hempstead Ave. W. Hempstead — NY
Kay-Townes Antenna Co., 4 — 1511 Dean Ave. Rome — Ga
Lance Antenna Corp., 1-2-3-4 — 1730-1802 1st St. San Fernando — Cal
Lindsay Antenna & Specialty Prods., Ltd., 1-3-4 — 50 Mary St, Lindsay, Ontario, Canada
Materials for Electronics Inc., 3-4 — 152-25 138 Ave. Jamaica 34 — NY
Peerless Products Industries, 2-3-4 — 812 N Pulaski St. Chicago 51 — Ill
Radio Merchandise Sales, Inc., 1-2-4 — 2016 Bronxdale Ave. New York 62 — NY
Radion Corp., The, 2-3-4 — 345 Terra Cotta Ave. Crystal Lake — Ill
Rego Insulated Wire Co., 3 — 830 Monroe St, Hoboken — NJ
S & A Electronics, Inc., 4 — 1025 Nevada St, Toledo 5 — Ohio
Sarkes Tarzian Inc. Tuner Div., 3 — E Hillside Dr. Bloomington — Ind
Scala Radio Co., 1-4 — 2814 19th St. San Francisco 10 — Cal
Sierra Electric Corp., 2 — 15100 S. Figueroa St, Gardena — Cal
Simplicity Tool Co., 1-2-3-4 — [illegible] Mississippi, Portland 8 — Ore
Snyder Mfg. Co., 3-4 — 22 & Ontario St. Philadelphia — Pa
Spalling Products Co., Inc., 3 — Henrietta St & Duffy Ave. Hicksville — NY
Stainless, Inc., 1-4 — 3rd St, North Wales — Pa
Surface Conduction, Inc., 1 — 1501 Broadway, New York 36 — NY
TECHNICAL APPLIANCE CORP., 1-4, Adv Pg 523 — P.O. Box 38, Sherburne — NY
Telco Electronics Mfg. Co., 2-3-4 — 400 S Wyman St. Rockford — Ill
Telrex Labs., 1-4 — Asbury Park — NJ
Trimount, 1-4 — Quincy — Ill
Tricraft Products Corp., 3-4 — 1124 W. Newport Ave, Chicago 13 — Ill
Tri-Ex Tower Corp., 4 — 127 E Inyo, Tulare — Cal
Video Industries Co., 4 — 242 Madison Ave, Port Chester — NY
Weber Electronics, Inc., 3 — Hancock & Somerset, Philadelphia 33 — Pa
Welsco Electronics Mfg. Co., 4 — 400 S Wyman St. Rockford — Ill
Ward Products Corp., 2-3-4 — Edson Rd. Amsterdam — NY
Winegard Co., 1-4 — 3000 Kirkwood Ave. Burlington — Iowa

ANTENNAS—VHF *OMNIDIRECTIONAL RADIO RANGE*
A G A Corp — 1200 Duke St. Alexandria — Va
Adams-Russell Co. Inc — 200 Sixth St. Cambridge 42 — Mass
AINSLIE CORP., Adv Pg 408 — 531 Pond St. South Braintree 85 — Mass
Aircraft Radio Corp — Boonton — NJ
ALFORD MFG. CO., Adv Pg 78 — 299 Atlantic Ave. Boston — Mass
Andrew California Corp — 941 E Marylind Ave. Claremont — Cal
ANDREW CORP., Adv Pg 13 — P. O. Box 807, Chicago 42 — Ill
Antenna Products Co. Div. All Products Co — Box 110, Mineral Wells — Tex
Automation Dynamics Corp — 255 County Rd. Tenafly — NJ
Bogen Mfg. Corp — 315 Smight St, Brooklyn 6 — NY
[illegible] Corp. [illegible] Div — Box 817, Toledo 1 — Ohio
CG Electronics Corp — 1500 Central E., Albuquerque — NM
Chance Vought Corp. Vought Electronics Div — Box 1500, Arlington — Tex
Cush Craft — 621 Hayward St, Manchester — NH
Dare, Inc — Box 312, Troy — Ohio
Dielectric Products Engrg. Co. Inc — Raymond — Me
DORNE & MARGOLIN INC., Adv Pg 152 — 29 New York Ave. Westbury — NY
DOUGLAS MICROWAVE CO. INC., Adv Pg 235 — 252 E 3rd St. Mt Vernon — NY
Electrada Corp — 11244 Playa St. Culver City — Cal
Electronic Specialty Co — 5121 San Fernando Rd. Los Angeles 39 — Cal
G-C Electronics Co — 400 S Wyman St. Rockford — Ill
Hi-Lo Mfg Corp — 1122 W Newport Ave. Chicago 13 — Ill
Houston Fearless Corp — 9100 Wilshire Blvd. Beverly Hills — Cal
ITT Federal Labs Div. ITT Corp — 500 Washington Ave. Nutley — NJ
JFD ELECTRONICS CORP., Adv Pgs 406, 407 — 6101 16th Ave. Brooklyn 4 — NY
Jasper Antenna Co — 7500 14th Ave, Sacramento — Cal
Lance Antenna Corp — 1730-1802 First St, San Fernando — Cal
LaPointe Industries, Inc — 155 W. Main St, Rockville — Conn
LIECO INC., Adv Pg 398 — 150 Eileen Way, Syosset — NY
Marconi's Wireless Telegraph Co., Ltd — 750 Third Ave, New York 17 — NY
MARK PRODUCTS CO Adv Pg 486 — 5439 W Fargo Ave. Skokie — Ill
Miller Industries — 1527 Marion, Grand Haven — Mich
National Aeronautical Corp — Commerce Dr. Fort Washington — Pa
Parker Metal Goods Co — 85 Prescott St. Worcester — Mass
Philco Corp. Govt & Ind Div — 4700 Wissahickon Ave. Phila 44 — Pa
Portland Industries Corp — South Portland — Me
Prodelin Inc — 307 Bergen Ave. Kearny — NJ
Radio Merchandise Sales, Inc — 2016 Bronxdale Ave. New York 62 — NY
Radion Corp., The — 345 Terra Cotta Ave, Crystal Lake — Ill
Rantec Corp — 23999 Ventura Blvd. Calabasas — Cal
S & A Electronics Inc — 1025 Nevada St. Toledo 5 — Ohio
Scala Radio Co — 2814 19th St, San Francisco 10 — Cal
Sinclair Radio Labs, Inc — 412 Cham. of Comm. Bldg. Buffalo — NY
Space Electronics Corp — 930 Air Way, Glendale 1 — Cal
Specialty Electronics Development Corp — Eileen Way, Syosset — NY
Stainless, Inc — 3rd St, North Wales — Pa
Surface Conduction, Inc — 1501 Broadway, New York 36 — NY
Tamar Electronics, Inc — 2045 W. Rosecrans Ave, Gardena — Cal
TECHNICAL APPLIANCE CORP., Adv Pg 523 — P.O. Box 38, Sherburne — NY
Telco Electronics Mfg. Co — 400 S Wyman St. Rockford — Ill
Thomas Mold & Die Co — Wooster — Ohio
Topp Industries, Inc — 5221 W. 102 St, Los Angeles 45 — Cal
Tricraft Products Corp — 1124 W. Newport Ave, Chicago 13 — Ill
Ward Products Corp — Edson Rd, Amsterdam — NY
Washington Aluminum Co. Inc — Pa RR & Knecht Ave. Baltimore 29 — Md
WIND TURBINE CO., Adv Pg 388 — E Market St. West Chester — Pa

ANTENNA TOWERS See TOWERS
ANTENNA TRANSFER SWITCHES See SWITCHES—*AUTOMATICALLY OPERATED*
ANTENNA TUNING UNITS See COILS—*ANTENNA LOADING*; TUNING UNITS
ANTENNA WIRE See WIRE—*ANTENNA*
ANTICOINCIDENCE ANALYZERS See ANALYZERS—*COINCIDENCE & ANTICOINCIDENCE*
ANTIMONIDES See INTERMETALLICS

ANTIMONY
Cominco Products Inc — 933 W 3rd Ave. Spokane — Wash
CUSTOM COMPONENTS INC., Adv Pg 396 — Box 248, Caldwell — NJ
Harmon, Lichtenstein & Co — 25 Broadway, New York 4 — NY
Materials for Electronics Inc — 152-25 138 Ave. Jamaica 34 — NY
NATIONAL LEAD CO., Adv Pg 557 — 111 Broadway, New York 6 — NY
OHIO SEMICONDUCTORS, Adv Pg 87 — 1205 Chesapeake Ave. Columbus 12 — Ohio
Penn Rare Metals — Box 1A, Revere — Pa
United Mineral & Chemical Corp — 16 Hudson St. New York 13 — NY
Var-Lac-Oid Chemical Co — 116 Broad St. New York 4 — NY

ANTISTATIC COATINGS See COATINGS
APERTURE PLATES See MEMORIES—*COMPUTER*
ARCBACK INDICATORS See INDICATORS—*ARCBACK*

ARSENIC
Cominco Products Inc — 933 W 3rd Ave. Spokane — Wash
CUSTOM COMPONENTS INC., Adv Pg 396 — Box 248, Caldwell — NJ
Harmon, Lichtenstein & Co — 25 Broadway, New York 4 — NY
Materials for Electronics Inc — 152-25 138 Ave. Jamaica 34 — NY
Penn Rare Metals — Box 1A, Revere — Pa
United Mineral & Chemical Corp — 16 Hudson St. New York 13 — NY
Var-Lac-Oid Chemical Co — 116 Broad St. New York 4 — NY

ARSENIDES See INTERMETALLICS

ASBESTOS
1. FINISHED PARTS
2. RAW MATERIAL
3. RODS
4. SHEETS
TUBING See TUBING—*NONMETALLIC*

American Smelting & Refining Co., 2 — 120 Broadway, New York 5 — NY
Auburn Mfg. Co., The, 1-4 — Pease Ave & Stack St, Middletown — Conn
Barwood Mfg. Co., Inc., L. J., 1 — 22 Williams St, Everett 49 — Mass
Bestcraft Products Co., Inc., L — 625 Broadway, New York — NY
Dean Plastics Inc., 1 — 110 Herbert Ave. Closter — NJ
ELECTRICAL INSULATION CO. INC., 3-4, Adv Pg 500 — 1245 Marconi Blvd. Copiague — NY
Felt Products Mfg Co., 1 — 7450 N McCormick Blvd. Skokie — Ill
General Gaskets, Inc., 1 — Middletown — Conn
Goodrich Industrial Prods. Co., B. F., 4 — 500 S Main St. Akron 18 — Ohio
Haveg Industries Inc., 1-2 — 900 Greenbank Rd. Wilmington 8 — Del
Insulation Manufacturers Corp., 1-2 — 565 W Washington Blvd. Chicago 6 — Ill
Johns-Manville, 1-2-4 — 22 E 40 St. New York 16 — NY
Lamtex Industries Inc., 1 — Motor Ave, Farmingdale — NY
Long, Inc., Thomas J., 1 — 215 Stonehinge Lane, Carle Place — NY
Mechanical Felt & Textiles Co., 4 — 50 W. 18 St, [illegible] — NJ
Minnesota Mining & Mfg Co. Electrical Tapes, 4 — 900 Bush Ave. St Paul 6 — Minn
Raybestos-Manhattan, Inc., 1 — 61 Willett St, Passaic — NJ
U.S. Rubber Co., 2-4 — 1230 Ave of the Americas, New York 20 — NY
Westinghouse-Micarta Div., 3-4 — Hampton — SC
Zippertubing Co., 1-4 — 13000 S Broadway, Los Angeles 61 — Cal

ASPHALT & PITCH
Biwax Corp — 3445 Howard St. Skokie — Ill
Esso Standard Div. Humble Oil & Refng Co — 15 W 51 St. New York 19 — NY
Plastics Div. Allied Chem. Corp — 40 Rector St. New York 6 — NY
Zophar Mills, Inc — 115 26th St. Brooklyn 32 — NY

ASSEMBLIES-CABLE See CABLE ASSEMBLIES; HARNESSES
ASSEMBLIES—*MODULAR* See MODULES—*ACTIVE*; MODULES—*PASSIVE*
ASSEMBLY BENCHES & STOOLS See BENCHES & STOOLS
ASSEMBLY HOODS See HOODS
ATOMIC CLOCKS See STANDARDS—*FREQUENCY, ATOMIC*
ATTENUATION METERS See METERS—*ATTENUATION*

ATTENUATORS
1. A-F
2. MICROWAVE, FIXED
3. MICROWAVE, VARIABLE
4. R-F & I-F

AC Electronics, Inc., 1-4 — 11725 Mississippi Ave. Los Angeles 25 — Cal
A. O. I. P., 1 — 23 Pl. Jeanne d'Arc, Paris 13 — Fr
Advance Components Ltd., 1-4 — Roebuck Rd. Hainault, Ilford, Essex — Eng
Aerovox Corp., 1-2-3-4 — 740 Belleville Ave. New Bedford — Mass
AIRBORNE INSTRUMENTS LAB. DIV. CUTLER-HAMMER INC., 4, Adv Pg 151 — Comac Rd. Deer Park — NY
Airtec Inc., 2-3 — 131 E First Ave. Roselle — NJ
Airtron, Div of Litton Industries, 2-3-4 — 200 E. Hanover Ave, Morris Plains — NJ
ALFORD MFG. CO., 3-4, Adv Pg 78 — 299 Atlantic Ave. Boston — Mass
Alfred Electronics, 3 — 897 Commercial St. Palo Alto — Cal
Allen-Bradley Co., 1 — 136 W Greenfield Ave. Milwaukee 4 — Wis
Allison Laboratories, Inc., 1 — 11301 E. Ocean Ave, La Habra — Cal
AMERICAN ELECTRONIC LABS. INC., 3, Adv Pg 362 — 121 N 7th St. Philadelphia 6 — Pa
American Elite, Inc. (Telefunken), 1 — 48-50 34 St. Long Island City 1 — NY
Amer-Monarch Corp. Amer. Elec. Div., 1 — 2501 37th Ave. NE, Minneapolis 18 — Minn
Apparatus Development Co., Inc., 4 — Drawer 153, Wethersfield 9 — Conn
APPLIED RESEARCH INC., 2-4, Adv Pg 124 — 76 S Bayles Ave. Port Washington — NY
Ardwin Microlab Inc., 2-3 — 21 Spencer St, Stoneham 80 — Mass
ARENBERG ULTRASONIC LAB. INC., 4, Adv Pg 504 — 94 Green St. Jamaica Plain 30 — Mass
Armstrong Whitworth Equipment, 1 — Hucclecote, Gloucester — Eng
ARRA CORP., 2-3, Adv Pg 498 — 27 Bond St. Westbury — NY
AUTOMATIC METAL PRODUCTS CORP., 2-3, Adv Pg 550 — 315 Berry St. Brooklyn 11 — NY
Axiel Electronics, Inc., 2-3-4 — 1755 Berkeley St. Santa Monica — Cal
Ballaine Electronics, Inc., 2 — 62 White St, Red Bank — NJ
Belz Industries Inc., 2-3 — 89 Union St. Mineola — NY
Benco Television Associates, Ltd., 4 — 27 Taber Rd, Rexdale, Ontario, Canada
Bendix Corp. York Div., 3 — York — Pa
BIRD ELECTRONIC CORP., 4, Adv Pg 239 — 30303 Aurora Rd. Cleveland 39 — Ohio
Blonder-Tongue Laboratories, Inc., 4 — Dept EBG, 9 Alling St, Newark 2 — NJ
Bogart Mfg Corp., 2-4 — 315 Seigel St. Brooklyn 6 — NY
Bruno-New York Industries Corp., 2 — 460 W 34th St. New York 1 — NY
BUDD STANLEY CO. INC., 2-3, Adv Pg 313 — 175 Eileen Way, Syosset — NY
C.E.I. Electronic Products, Inc., 1 — P.O. Box 7514, San Diego 7 — Cal
C W S Waveguide Corp., 2-3 — 301 W Hoffman Ave. Lindenhurst — NY
Canadian Marconi Co., 1-4 — 2442 Trenton Ave. Montreal — Que
Caphart Corp., 2-3 — 87-46 123rd St. Richmond Hill 18 — NY
CARBORUNDUM CO. REFRACTORIES DIV., 2-4, Adv Pgs 104, 105 — Perth Amboy — NJ
Caswell Electronics Corp., 2-3 — 404 Queens Ln, San Jose 12 — Cal
Cinema Engineering Div. Aerovox Corp., 1-4 — 1100 Chestnut St. Burbank — Cal
CONTROL ELECTRONICS CO. INC., 2-3, Adv Pg 444 — 10 Stepar Pl. Huntington Sta — NY
Cooper Development Corp., 2 — 2626 S. Peck Rd, Monrovia — Cal
Crowley Div. Smith Corp., A. O., 2 — 1 Central Ave, W Orange — NJ
CUSTOM COMPONENTS INC., 2, Adv Pg 396 — P. O. Box 248, Caldwell — NJ
DAVEN CO., 1-4, Adv Pg 187 — Rt. 10, Livingston — NJ
DeMORNAY-BONARDI CORP., 2-3, Adv. Pgs. 178, 179 — 780 S Arroyo Pkwy. Pasadena — Cal
Diamond Antenna & Microwave Corp., 2-3-4 — River St, Winchester — Mass
Dielectric Products Engrg. Co. Inc., 1-2-3 — Raymond — Me
DIETZ DESIGN, INC., 4, Adv Pg 226 — Grandview 6 — Mo
Don-Lan Electronics Inc., 2-3-4 — 1131 Olympic Blvd. Santa Monica — Cal
DOUGLAS MICROWAVE CO. INC., 2-3-4, Adv Pg 235 — 252 E 3rd St. Mt Vernon — NY
Dymec Div. Hewlett-Packard Co., 3-4 — 395 Page Mill Rd. Palo Alto — Cal
E & M Laboratories, 2-3 — 15145 Califa St. Van Nuys — Cal
EMI/US Ltd., 2-3 — 1750 N Vine St. Los Angeles 28 — Cal
Electrada Corp., 2-3 — 11244 Playa St. Culver City — Cal
Electromagnetic Technology Corp., 2 — 1375 California Ave. Palo Alto — Cal
Electro-Radio Products, 2 — 4806 W. Chicago Ave, Chicago 51 — Ill
Electronic Applications Inc., 1 — 194 Richmond Hill Ave. Stamford — Conn
Elettronica Metal Lux S.p.A., 1-2 — Viale Sarca 94, Milan — Italy
EMPIRE DEVICES INC., 2-3-4, Adv Pg 132 — Amsterdam — NY
FXR INC., 2-3-4, Adv Pgs 100, 101 — 25-26 50th St. Woodside 77 — NY
FERROTEC, INC., 3, Adv Pg 496 — 217 California St. Newton 58 — Mass
Film Resistors Inc., 2 — 240 Ridgedale Ave. Morristown — NJ
Filmohm Corp., 2-3 — 48 W. 25 St, New York 10 — NY
General Aniline & Film Corp., Ansco Div., 2 — Vestal Pkwy E., Binghamton — NY
General Communication Co., 3 — 677 Beacon St. Boston 15 — Mass
GENERAL MAGNETICS, INC., 1-4, Adv Pg 543 — Dept B, 2641 Louisiana Ave. Mpls 26 — Minn
General Microwave Corp., 2-3-4 — 47 Gazza Blvd. Farmingdale — NY
Gertsch Products, Inc., 1-4 — 3211 S. La Cienega, Los Angeles 16 — Cal
Gilfillan Bros., Inc., 2-3 — 1815 Venice Blvd, Los Angeles 6 — Cal
Gombos Co. Inc. John, 2-3 — Webro Rd. Clifton — NJ

Gorham Electronics Div. Gorham Corp., 2-3	333 Adelaide Ave. Providence 7	RI
Gotham Audio Corp., 1	2 W. 46 St, New York 36	NY
Graham Mfg. Co., Inc., 2-3	470 Bridge St, East Greenwich	RI
HEWLETT-PACKARD CO., 1-2-3-4, Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	Cal
Interlab Inc., 1	116 Kraft Ave. Bronxville	NY
Jovex Electronics, 1	Box 646, Redlands	Cal
Jerrold Electronics Corp., 4	15th & Lehigh, Philadelphia 32	Pa
KAY ELECTRIC CO., 1-4 Adv Pg 347, 348	**Maple Ave. Pine Brook**	NJ
KEARFOTT DIV., GEN PRECISION INC., 2-3, Adv Pg 394	**Little Falls**	NJ
Kearfott Div. Gen. Precision Inc. Microwave Prods., 2-3	14844 Oxnard St. Van Nuys	Cal
KINGS ELECTRONICS CO. INC., 4, Adv Pg 506	**40 Marbledale Rd. Tuckahoe**	NY
LIECO INC., 2-3, Adv Pg 398	**150 Eileen Way, Syosset**	NY
LUMATRON ELECTRONICS, INC., 2-3-4 Adv Pg 502	**116 County Cthse Rd. New Hyde Park**	NY
M.C.S. Corp., 2-3	1001 S Mountain Ave. Monrovia	Cal
MARCONI INSTRUMENTS, 1-4 Adv Pgs 401, 402	**111 Cedar La, Englewood**	NJ
Martin Co., 2-3	Mail No. G3037, Baltimore 3	Md
Maury & Associates, 2-3-4	10373 Mills Ave, Montclair	Cal
Measurements A McGraw-Edison Div., 4	Boonton	NJ
Meridian Metalcraft, Inc., 2-3	8739 S. Millergrove Dr, Whittier	Cal
Merrimac Research & Dev. Inc., 2-3-4	517 Lyons Ave. Irvington	NJ
Metavac, Inc., 2-3	45-68 162 St. Flushing 58	NY
MICROLAB, 2-3-4, Adv Pg 356	**570 W Mt. Pleasant Ave. Livingston**	NJ
Microtech, Inc., 2-3	Milldale Rd, Cheshire	Conn
Microwave Associates, Inc., 2-3	Burlington	Mass
MICROWAVE CORP. OF AMERICA, 2-3-4, Adv Pg 462	**Box 278, Stamford**	Conn
Microwave Dynamics Corp., 2-3-4	5 Fairchild Ct. Plainview	NY
Microwave Semiconductor & Inst. Inc., 2-3-4	116-06 Myrtle Ave. Richmond Hill 18	NY
MODEL ENG. & MFG. CORP., 1-2-3-4, Adv Pg 480	**50 Frederick St. Huntington**	Ind
Muirhead & Co., Ltd., 1	Beckenham, Kent, England	
N. R. K. Microwave Div. Cook Electric Co., 2-3	4601 W Addison St. Chicago 41	Ill
Narda Microwave Corp., 2-3	Plainview	NY
New London Instrument Co., 4	82 Union St. New London	Conn
OHMITE MFG. CO., 1, Adv Pgs 276, 277	**3601 Howard St. Skokie**	Ill
OMEGA LABORATORIES INC., 2-3, Adv Pg 226	**Box 309, Rowley**	Mass
PRD ELECTRONICS, INC., 2-3, Adv. Pgs 113-116	**202 Tillary St. Brooklyn 1**	NY
PORTCHESTER INSTRUMENT CORP., 2-3, Adv Pg 468	**114 Wilkins Ave. Port Chester**	NY
Precision Microwave Corp., 2-3	Main St. Millis	Mass
PREMIER MICROWAVE CORP., 2-3, Adv Pg 469	**33 New Broad St. Port Chester**	NY
R.L.C. Electronics, Inc., 2-3-4	805 Mamaroneck Ave. Mamaroneck	NY
RADAR DESIGN CORP., 2-3 Adv Pg 471	**Pickard Dr. Syracuse 11**	NY
RADAR MEASUREMENTS CORP., 2-3 Adv Pg 516	**190 Duffy Ave, Hicksville**	NY
Ram Electronics, Inc., 4	600 Industrial Ave, Paramus	NJ
Rantec Corp., 2-3	23999 Ventura Blvd, Calabasas	Cal
Raytheon Co. Ind Components Div., 1	55 Chapel St. Newton 58	Mass
RAYTHEON CO. SPEC MICROWAVE DEV OPER., 2-3, Adv Pg 38, 39	**Waltham Industrial Park, Waltham 54**	Mass
RED BANK DIV. BENDIX CORP., 2, Adv Pgs 16, 17	**Eatontown**	NJ
RIXON ELECTRONICS INC., 1-4, Adv Pg 412	**2414 Reedie Dr. Silver Spring**	Md
Sage Laboratories, Inc., 2-3	3 Huron Dr, Natick	Mass
SANDERS ASSOCIATES, INC., 2-3, Adv Pg 380	**95 Canal St. Nashua**	NH
Schutter Microwave Corp., 2-3	80 E Montauk Hwy. Lindenhurst	NY
Scientific-Atlanta Inc., 2	2162 Piedmont Rd. NE, Atlanta 9	Ga
Seco Electronics Inc., 4	5015 Penn Ave. S, Minneapolis 19	Minn
Shallcross Mfg Co., 1-4	Selma	NC
SHIMADA PHYSICAL & CHEMICAL INDUSTRIAL CO., 2-3 Adv Pg 258	**415 Shibazakicho.chofu-city, Tokyo**	Jap
Sigma Electronics Research Corp., 2-3	15735 Ambaum Blvd. Seattle 6	Wash
Solartron, Inc., 1	1742 S. Zeyn St, Anaheim	Cal
Sparton Corp., 1-4	2400 E Ganson St. Jackson	Mich
Specialty Electronics Development Corp., 1-2-3-4	115 Eileen Way, Syosset	NY
Sperry Microwave Electronics Co., 2-3	P.O. Box 1828, Clearwater	Fla
Standard Tel. & Cables Ltd., 1	29 Glasshouse Yard, London	Eng
STODDART AIRCRAFT RADIO CO. INC., 2-4, Adv Pgs 455, 456	**6644 Santa Monica Blvd. Hollywood 38**	Cal
Straza Industries, 1	790 Greenfield Dr. El Cajon	Cal
Surface Conduction, Inc., 4	1501 Broadway, New York 36	NY
TRG Inc., 2-3	9 Union Sq. Somerville	Mass
Taffet Electronics Inc., 1-4	2705 Bklyn-Qns Exp W, Woodside 77	NY
TECH LABORATORIES INC., 1-4, Adv Pg 395	**Bergen & Edsall Blvds. Palisades Park**	NJ
TELERAD DIV. LIONEL CORP., 2-3, Adv Pgs 220, 221	**Rt 69, Flemington**	NJ
TELONIC ENGINEERING CORP., 2-3-4, Adv Pg 61	**733 Broadway, Laguna Beach**	Cal
TELONIC INDUSTRIES INC., 2-4, Adv Pg 61	**60 N 1st Ave. Beech Grove**	Ind
Topper Mfg Co. Inc., 2	84-56 Parsons Blvd. Jamaica 32	NY
Transco Products Inc., 3	12210 Nebraska Ave. Los Angeles 25	Cal
Turbo Machine Co., 2-3	840 W. Main St, Lansdale	Pa
United Mineral & Chemical Corp., 3	16 Hudson St. New York 13	NY
United Shoe Machinery Corp., 2-3	140 Federal St. Boston	Mass
Victor R.F. & Microwave Co., 3	38 W Water St. Wakefield	Mass
Vidaire Electronics Mfg. Corp., 1-4	365 Babylon Tnpk. Roosevelt	NY
Waltham Electronics Corp., 4	751 Main St, Waltham 54	Mass
Washington Aluminum Co. Inc., 2-3	Pa RR & Knecht Ave. Baltimore 29	Md
Waveguide, Inc., 2-3	1769 Placentia Ave, Costa Mesa	Cal
Waveline, Inc., 2-3	P.O. Box 718, Caldwell	NJ
Wayne Kerr Corp., 1-3-4	1633 Race St, Philadelphia 3	Pa
Webster Electric Co., 1	1900 Clark St. Racine	Wis
WEINSCHEL ENGINEERING CO., INC., 2-3-4 Adv Pgs 51-54, 55	**10503 Metropolitan Ave, Kensington**	Md
Wells Electronics Co., 4	1701 S Main St. South Bend 23	Ind
Zippertubing Co., 4	13000 S Broadway, Los Angeles 61	Cal

AUDIO See A-F LISTINGS

AUDIOMETERS

Allison Laboratories, Inc	11301 E. Ocean Ave, La Habra	Cal
Audivox, Inc	123 Worcester St, Boston	Mass
Aurex Corp	315 W. Adams St, Chicago 6	Ill
Grason-Stadler Corp	Electronics Park, West Concord	Mass
MAICO ELECTRONICS INC., Adv Pg 153	**21 N 3rd St. Minneapolis 1**	Minn
Nichols & Clark, Inc	321 Newburyport Tnpk, Danvers	Mass
Otarion Listener Corp	Scarborough Park, Ossining	NY
U.S. Recording Co	1345 Capitol St, Washington	DC

AUTO ANTENNA MOUNTS See MOUNTS -*ANTENNA*
AUTOMATIC ALARM RECEIVERS See RECEIVERS -*RADIO*
AUTOMATIC ASSEMBLY See MACHINES
AUTOMATIC CIRCUIT-TESTING BRIDGES See COMPARATORS
AUTOMATIC FEED MACHINES See MACHINES -*AUTOMATIC FEED*
AUTOMATIC POSITIONING CONTROLS See CONTROLS -*POSITIONING*
AUTOMATIC RECORD CHANGERS See PHONOGRAPHS
AUTOMATIC RESISTANCE COMPARATORS See COMPARATORS
AUTOMATIC TUNING CONTROLS See CONTROLS -*AUTOMATIC TUNING*
AUTOPILOTS -*AIRCRAFT* See AIRCRAFT EQUIPMENT

AUTOPILOTS -*SHIPS*

Chance Vought Corp. Vought Electronics Div	Box 1500, Arlington	Tex
Minn-Honeywell, Military Prods Gr	2600 Ridgway Rd. Minneapolis 13	Minn
MODEL ENG. & MFG. CORP., Adv Pg 480	**50 Frederick St. Huntington**	Ind
Power-Tronic Systems, Inc	10-12 Pine Ct. New Rochelle	NY
RADIO CORP. OF AMERICA, INDL ELECTRONIC PRODS., Adv Pg 391	**Front & Cooper, Camden**	NJ

AUTO RADIO ANTENNAS See ANTENNAS -*MOBILE*: ANTENNAS -*TELESCOPIC*
AUTO RADIO CABINETS See CABINETS -*METAL*
AUTO RADIOS See RECEIVERS -*RADIO ENTERTAINMENT*
AUTO TRANSFORMERS See POTENTIOMETERS -*PRECISION*
BACKGROUND MUSIC SYSTEMS See MUSIC SYSTEMS
BACKLASH INDICATORS See INDICATORS -*BACKLASH*
BACKWARD-WAVE OSCILLATORS See OSCILLATORS -*MICROWAVE*
BACKWARD-WAVE TUBES See TUBES -*MICROWAVE*

BAFFLES -*SPEAKER*

Allied Radio Corp	100 N Western Ave. Chicago 80	Ill
Altec Lansing Corp	1515 S Manchester Ave. Anaheim	Cal
Argos Products Co. Inc	Genoa	Ill
Atlas Sound Corp	1443 39th St. Brooklyn 18	NY
Bestcraft Products Co., Inc	626 Broadway, New York	NY
Bogen-Presto Div., Siegler Corp	P.O. Box 500, Paramus	NJ
Braun, Max	22 Russelsheimerstr. Frankfurt/Main	Ger
BUD RADIO INC., Adv Pg 343	**2118 E 55th St. Cleveland 3**	Ohio
Calbest Electronics Co	4801 Exposition Blvd, Los Angeles 16	Cal
Cambridge Pattern Works, Inc	55 First St, Cambridge 41	Mass
Chisholm Industries, Ltd	Electronic St, Port Moody, B.C. Canada	
Dukane Corp	St Charles	Ill
ERA Pacific, Inc	1760 Stanford St. Santa Monica	Cal
Electro-Products, Inc	15050 Schaefer Hwy, Detroit 27	Mich
Electro Voice, Inc	Buchanan	Mich
Electronic Research Assoc, Inc	67 Factory Pl, Cedar Grove	NJ
Executone Inc	415 Lexington Ave. New York 17	NY
Flock Process Co, Inc	373 Main Ave, Norwalk	Conn
Fourjay Industries	2801 Ontario Ave. Dayton 14	Ohio
Gates Radio Co	123 Hampshire St, Quincy	Ill
General Dynamics/Electronics	100 Carlson Rd. Rochester 3	NY
Hammond Mfg Co. Ltd	Guelph	Ont
Hartley Products Co	519 E. 162nd St. New York 51	NY
Jensen Mfg. Co., Div of The Muter Co	6601 S. Laramie Ave, Chicago 38	Ill
Karlson Associates, Inc	433 Hempstead Ave, W. Hempstead	NY
Keystone Mfg. Co	23328 Sherwood Rd. Warren	Mich
Lansing Sound, Inc., James B.	3249 Casitas Ave, Los Angeles 39	Cal
Lansky Die Cutting Corp	473 President St, Brooklyn 15	NY
Lowell Mfg. Co	3030 Laclede Station Rd, St. Louis 17	Mo
M P Engineering Co	Fairfield 3	Conn
Masonite Corp	111 W Washington St. Chicago 2	Ill
Midwest Audio Corp	3600 W. North Ave, Chicago 47	Ill
MUNDT & SONS, CHARLES Adv Pg 56	**53 Fairmount Ave. Jersey City 4**	NJ
Parkway Specialties Co	22519 Plymouth Rd, Detroit 39	Mich
Phonograph Corp. of America	240A Old Country Rd. Hicksville	NY
Powers Co., J.J.	818 N. 22nd Ave, Melrose Park	Ill
Precision Electronics, Inc	9101 King St, Franklin Park	Ill
PREMIER METAL PRODUCTS CO Adv Pg 314	**337 Manida St. Bronx 59**	NY
R-J Audio Products	80 Shore Rd. Port Washington	NY
Radio Mfg. Engineers, Div., Electro Voice, Inc	Buchanan	Mich
Rego Insulated Wire Co	830 Monroe St. Hoboken	NJ
Russell Gasket Co	7424 Bessemer Ave, Cleveland 27	Ohio
Schober Organ Corp	43 W 61 St. New York 23	NY
Sonograf Electric Co	35 E 28th St. New York 16	NY
Sound Projects Co. Div. LeClair	2410 S Central Ave. Cicero 50	Ill
Soundolier Inc	9380 Watson Ind. Park, St Louis 26	Mo
Steger Furniture Mfg. Co	3337 Chicago Rd, Steger	Ill
Tannoy (America) Ltd	P.O. Box 177, East Norwich	NY
University Loudspeakers Inc	80 S Kensico Ave. White Plains	NY
Utah Electronics Corp	1124 E Franklin St. Huntington	Ind
Waber Electronics, Inc	Hancock & Somerset, Philadelphia 33	Pa
Webster Electric Co	1900 Clark St, Racine	Wisc
Wharfedale Div. British Industries Corp	80 Shore Rd. Port Washington	NY
Wintronics	213 S Hawthorne Blvd. Hawthorne	Cal

BALANCING MACHINES See MACHINES -*BALANCING*
BALLAST TUBES See TUBES -*BALLAST*
BALL BEARINGS See BEARINGS
BALLISTIC VOLTMETERS See VOLTMETERS

BALUNS

ALFORD MFG. CO., Adv Pg 78	**299 Atlantic Ave. Boston**	Mass
ANTENNA SYSTEMS, INC., Adv Pg 428	**Hingham Industrial Center, Hingham**	Mass
Antennavision Inc	Box 11326, Phoenix	Ariz
Apparatus Development Co., Inc	Drawer 153, Wethersfield 9	Conn
Barker & Williamson	Canal & Beaver Sts, Bristol	Pa
Chance Vought Corp. Vought Electronics Div	Box 1500, Arlington	Tex
Dielectric Products Engrg. Co. Inc	Raymond	Me
Don-Lan Electronics Inc	1131 Olympic Blvd. Santa Monica	Cal
Electronic Products Mfg. Co. Inc	S 110 Scott St. Spokane 3	Wash
Gabriel Electronics Div., Gabriel Co., The	Main & Pleasant Sts, Millis	Mass
HALLICRAFTERS CO., Adv Pg 385	**4401 W 5th St. Chicago 24**	Ill
Maury & Associates	10373 Mills Ave. Montclair	Cal
Meridian Metalcraft, Inc	8739 S Millergrove Dr. Whittier	Cal
Miller Mfg. Co., James	150 Exchange St, Malden	Mass
RIXON ELECTRONICS INC., Adv Pg 412	**2414 Reedie Dr. Silver Spring**	Md
Sinclair Radio Labs. Inc	412 Chem. of Comm. Bldg. Buffalo	NY
Waber Electronics, Inc	Hancock & Somerset, Philadelphia 33	Pa

BAND-ELIMINATION FILTERS See FILTERS
BANDPASS FILTERS See FILTERS
BARE WIRE See WIRE -*BARE*

BARIUM COMPOUNDS

Aceto Chemical Co., Inc	40-40 Lawrence St, Flushing 54	NY
Acoustica Associates, Inc	10400 Aviation Blvd. Los Angeles 45	Cal
Barium & Chemicals, Inc	Willoughby	Ohio
Delta Chemical Works	21 W 60th St. New York	NY
Dow Chemical Co	Midland	Mich
ERIE RESISTOR CORP., Adv Pgs 280, 281	**644 W 12th St. Erie 6**	Pa
Fisher Scientific Co	713 Forbes Ave. Pittsburgh 19	Pa
King Laboratories, Inc	127 Solar St, Syracuse 3	NY
Mallinckrodt Chemical Works	Second & Mallinckrodt Sts, St. Louis 7	Mo
Minn-Honeywell, Ceramics Lab	Box 440, Minneapolis 40	Minn
NATIONAL LEAD CO., Adv Pg 557	**111 Broadway, New York 6**	NY
Picker X Ray Corp	White Plains	NY
SEMI-ELEMENTS INC., Adv Pg 524	**Saxonburg Blvd. Saxonburg**	Pa
Var-Lac-Oid Chemical Co	116 Broad St, New York 4	NY

BARIUM TITANATE CRYSTALS See CRYSTAL BLANKS: CRYSTALS -*PIEZOELECTRIC*
BARIUM TITANATES -See TITANATES
BARREL-PLATING SERVICES See PLATING SERVICES
BARRETTERS See BOLOMETERS -*MICROWAVE*
BARS -*BUS* See BUS BAR SYSTEMS
BARS -*METAL* See *METAL DESIRED*

BASES -*DIODE & TRANSISTOR*

Associated Engineering & Mfg Corp	Glen Ridge	NJ
Bevtron Electronics Corp	59 Park St. Beverly	Mass
Carr Fastener Co., Div., United-Carr	31 Ames St, Cambridge 42	Mass
Frenchtown Porcelain Co	Frenchtown	NJ
Gemex Corp. Industrial Div	1200 Commerce Ave. Union	NJ
Gladding, McBean & Co.	1551 S Primrose St. Monrovia	Cal
Greenfield Components Corp	184 Shelburne St. Greenfield 16	Mass
Hermaseal Co. Inc	1101 N Main St. Elkhart	Ind
Hermetite Corp	100 Ledge Dr. Avon	Mass
KAHLE ENGINEERING CO Adv Pg 98	**3322 Hudson St. Union City**	NJ
Materials for Electronics, Inc	152-25 138 Ave, Jamaica 34	NY
Molding Corp. of America	42 Church St. Pawtucket	RI
Nippert Electric Prods Co	1755 W Mound St. Columbus 23	Ohio
RED BANK DIV. BENDIX CORP., Adv Pgs 16, 17	**Eatontown**	NJ
Ross Co., Milton	219 Jacksonville Rd, Hatboro	Pa
Sheffco Mfg. Corp	323 Bergen Blvd. Fairview	NY
Sinclair Mfg. Co	Chartley	Mass
Stackpole Carbon Co	201 Stackpole St. St Marys	Pa
Staver Co. Inc	41 N Saxon Ave. Bay Shore	NY
Steel Industries	Crawfordsville	Ind
Sylvania Electric Products Inc. Parts Div	12 2nd Ave. Warren	Pa
United Fabricators Electronics, Inc	Stillwater	Minn
Vacuum Technology Inc	7933 Gloria Ave. Van Nuys	Cal
Warren Components Div., El-Tronics	S. Irvine St, Warren	Pa
Wells Electronics Co	1701 S Main St. South Bend 23	Ind

BASES -*RELAY*

ALDEN PRODUCTS CO., Adv Pg 359	**112 N Main St. Brockton 64**	Mass
Armel Electronics Inc	1601 - 75th St. North Bergen	NJ
Beck's Inc	298-300 E 5th St. St Paul 1	Minn
Cambridge Thermionic Corp., 2	445 Concord Ave. Cambridge 38	Mass
Electro-Rack, Inc	11501 Jefferson Blvd, Culver City	Cal
Electro-Seal Corp	946 North Ave. Des Plaines	Ill
Escon Inc	725 Branch Ave. Providence 4	RI
Gemex Corp. Industrial Div	1200 Commerce Ave. Union	NJ
Greenfield Components Corp	184 Shelburne St. Greenfield 16	Mass
Hermaseal Co. Inc	1101 N Main St. Elkhart	Ind
Hermetite Corp	100 Ledge Dr. Avon	Mass
Sylvania Electric Products Inc. Parts Div	12 2nd Ave. Warren	Pa

BASES -*TUBE* See TUBE PARTS
BATCHING CONTROLS See CONTROLS -*COUNTING*: CONTROLS -*FLUID-FLOW*: CONTROLS -*LEVEL*: CONTROLS -*PHOTOELECTRIC*: CONTROLS -*WEIGHT*

BATTERIES

1. DRY	6. *SILVER-CADMIUM*
2. *MERCURY*	7. *SILVER-CELL, SILVER-ZINC*
3. *NICKEL-CADMIUM*	8. *STANDARD CELL*
4. *NUCLEAR*	9. *STORAGE*
5. *RESERVE*	10. *NON-SPILL*

Acme Battery Corp., 1	200 Henry St, Stamford	Conn
Bowers Battery & Spark Plug Co., Div Gen Battery & Ceramic Corp., 9-10	Box 1262, Reading	Pa
Bright Star Industries, 1	600 Getty Ave, Clifton	NJ
BURGESS BATTERY CO. DIV. SERVEL INC., 1-2-3-5-8, Adv Pg 364	**Freeport**	Ill
C&D Batteries Div., Electric Autolite Co., 1-5-8-9	Conshohocken	Pa
Catalyst Research Corp., 5-7	6101 Falls Rd. Baltimore 9	Md
Composite Industrial Metals Inc., 7	235 Georgia Ave. Providence 5	RI
DeWitt Development Co., 9-10	3008 W 127 St. Blue Island	Ill
Eagle-Picher Co., 3-5-6-7	Dept. EGB, Cincinnati 1	Ohio
Electric Autolite Co., 9-10	Champlain St. Toledo 1	Ohio
Electric Storage Battery Co. Missile Battery Div., 3-5-7	2510 Louisburg Rd. Raleigh	NC
Electronic Batteries Inc., 9-10	28-34 35 St. Brooklyn 32	NY
Engineering Science Div Amer Metal Pdts Co., 4	2601 S State St. Ann Arbor	Mich
Exide Ind'l. Div., Elec. Stor. Battery Co., 3-8-9-10	Rising Sun/Adams, Phila. 20	Pa
Gordon Enterprises, 3-6-7	5362 N Cahuenga Blvd. N Hollywood	Cal
Gulton Industries, Inc., 3-10	212 Durham Ave. Metuchen	NJ
Leclanche S. A., 1-3-8-9	Yverdon, Switzerland	
Magnavox Co., 11	2131 Bueter Rd. Fort Wayne 4	Ind
Mallory Battery Co., 1-2-7-8	60 Elm St. North Tarrytown	NY
Marathon Battery Co., 1-3	Box 298, Wausau	Wis
Materials for Electronics Inc., 8	152-25 138 Ave. Jamaica 34	NY

Muirhead & Co., Ltd., 6	Beckenham, Kent, England	
Multitone Electronics Ltd., 2-3	130 Merton St. Toronto 7	Can
Muter Co., 7	1255 S Michigan Ave. Chicago 5	Ill
NICAD DIV. GOULD NATIONAL BATTERIES INC., 3-7-9-10 Adv Pg 219	E 1201 First Natl Bank Bldg. St Paul 1	Minn
Radiation Research Corp., 4	1150 Shames Dr. Westbury	NY
Radio Corp of America Electron Tube Div., 1-2	415 S. 5th St, Harrison	NJ
Ray-O-Vac Co Div Elec Storage Battery Co., 1-2-5	212 E Washington Ave. Madison	Wis
SONOTONE CORP., 3-9-10, Adv Pg 375	Elmsford	NY
Steel Industries	Crawfordsville	Ind
Telecomputing Corp., 7	915 N Citrus Ave. Hollywood	Cal
Telecomputing Corp. Power Sources Div., 5-6-7-9	3850 Olive St. Denver 7	Colo
Tracerlab, Inc., 4	1601 Trapelo Rd, Waltham 54	Mass
Union Carbide Consumer Products Co. Div. UCC, 1-2-3-4	270 Park Ave. New York 17	NY
U. S. Nuclear Corp., 4	801 N. Lake St, Burbank	Cal
U.S. Rubber Co., 1-5	1230 Ave of the Americas, New York 20	NY
Western Coil & Electrical Co., 9	215 State St. Racine	Wis
YARDNEY ELECTRIC CORP., 3-5-6-7-9-10, Adv Pg 99	40 Leonard St. New York 13	NY

BATTERY ADAPTERS See ADAPTERS
BATTERY CELLS –SOLAR See CELLS –*PHOTOELECTRIC*
BATTERY CHARGERS See CHARGERS –*BATTERY*
BATTERY-CHARGER TUBES See TUBES –*BATTERY-CHARGER*

BATTERY CLIPS See CLIPS
BATTERY ELIMINATORS See POWER SUPPLIES – *D-C OUTPUT*

BATTERY PLUGS See PLUGS
BATTERY TESTERS See TESTERS –*BATTERY*

BAYS –*PATCH. COMPUTER*

Trompeter Electronic Associates	7713 Oakdale Ave. Canoga Park	Cal
Virginia Electronics Co., Inc	5209 River Rd, Washington 16	DC

BEACON RECEIVERS See RECEIVERS –*RADIO NAVIGATION*
BEACONS –*AIRCRAFT DISTRESS* See TRANSMITTERS –*RADIO NAVIGATION*
BEACONS –*RADAR* See RADAR
BEACONS –*RADIO NAVIGATION* See TRANSMITTERS –*RADIO NAVIGATION. DIRECTION-FINDING*
BEAD CHAIN See CHAINS

BEADS –*INSULATING*

1. CERAMIC 2. PLASTIC

Advanced Vacuum Prods Inc. Sub Glass-Tite Ind. 1	430 Fairfield Ave. Stamford	Conn
Almac Plastics Inc., 2	600 Broadway, New York 12	NY
[illegible] Chemical Co., 2	170 Broadway, New York 38	NY
AMERICAN LAVA CORP., 1, Adv Pg 237	Cherokee & Mfgrs Rd. Chattanooga 5	Tenn
Baer Co, N.S., 2	9 Montgomery St. Hillside	NJ
BIRNBACH RADIO CO. INC., 1, Adv Pg 529	145 Hudson St. New York 13	NY
Brilhart Plastics Corp., 2	Old Country Rd. Mineola	NY
CFI CORP., 1, Adv Pg 294	Cottage Pl. Mineola	NY
CARBORUNDUM CO. REFRACTORIES DIV., 1, Adv Pgs 104, 105	Perth Amboy	NJ
Carmer Industries, Inc., 2	22 N 26 St. Kenilworth	NJ
Caroll Technical Ceramics Inc., 1	801-23rd St. Union City	NJ
CENTRALAB ELECTRONICS, DIV. GLOBE-UNION, INC., 1, Adv. Pgs. 376, 377	914Y E Keefe Ave. Milwaukee 1	Wis
Ceramics Inc. Chemists, 1	173 Ridge St. Newark 4	NJ
Chemplast, Inc., 2	3 Central Ave. East Newark	NJ
Comco Plastics, Inc., 2	98-40 Jamaica Ave. Richmond Hill	NY
Consolidated Electrodynamics Corp., 1	360 N. Sierra Madre Villa, Pasadena	Cal
Continental Sensing, Inc., 1-2	1950 N Ruby St. Melrose Park	Ill
Crystal-X Corp., 2	403 Lenni Rd. Lenni Mills 2	Pa
Dean Plastics Inc., 2	110 Herbert Ave. Closter	NJ
Diamonite Products Mfg. Co., 1	Shreve	Ohio
DU-CO CERAMICS CO., 1, Adv Pg 78	1050 Main St. Saxonburg	Pa
Duramic Products, Inc., 1	426 Commercial Ave, Palisades Park	NJ
Electrical Refractories Co., 1	50 Clark St. East Palestine	Ohio
Electro-Ceramics, Inc., 1	2545 S 2nd W. Salt Lake City 15	Utah
Emerson & Cuming, Inc., 1-2	869 Washington St. Canton	Mass
Franklin Fibre Lamitex Corp., 2	Box 1768, Wilmington	Del
Frenchtown Porcelain Co., 1	Frenchtown	NJ
G. B. Components Inc., 2	14621 Arminta St. Van Nuys	Cal
GENERAL CERAMICS DIV. INDIANA GENERAL CORP., 1, Adv Pg 77	Keasbey	NJ
General Plastics Corp., 2	55 La France Ave. Bloomfield	NJ
Gladding, McBean & Co., 1	1551 S. Primrose St, Monrovia	Cal
Hanifin Glass Inc., 1	3025 S Kilson Dr. Santa Ana	Cal
Hastings Plastics, Inc., 1-2	1704 Colorado Ave. Santa Monica	Cal
Isolantite Mfg. Corp., 1	Stirling	NJ
Keystone Electronics Corp., 2	49 Bleecker St. New York 12	NY
Kirchberger & Co., Inc., M., 1	248 Humphrey St, Englewood	NJ
Mansol Ceramics Co., 1	140 Little St. Belleville	NJ
Martindale Electric Co., 1	Edgewater Branch, Box 617, Cleveland 7	Ohio
Materials for Electronics, Inc., 1	152-25 138 Ave, Jamaica 34	NY
Mpls-Honeywell, Ceramics Lab., 1	Box 440, Minneapolis 40	Minn
MYCALEX CORP. OF AMERICA, 1, Adv Pg 351	125 Clifton Blvd. Clifton	NJ
NATIONAL BERYLLIA CORP., 1 Adv Pg 552	1st & Haskell, Haskell	NJ
National Ceramic Co., 1	500 Southard St. Trenton 2	NJ
Norton Co., 1	1 New Bond St. Worcester 6	Mass
Pyrometer Co. of America, Inc., 1	100 E Lincoln Hwy. Penndel	Pa
Ross Co., Milton, 2	239 Jacksonville Rd. Hatboro	Pa
Sierra Electric Corp., 2	15100 S. Figueroa St, Gardena	Cal
Speer Electronics Inc	177 Mill Ln. Mountainside	NJ
Star Porcelain Co., 1	61 Muirhead Ave, Trenton 9	NJ
Stewart Mfg. Co., D.M., 1	3600 Jerome Ave, Chattanooga 1	Tenn
SUPERIOR STEATITE & CERAMIC CORP., 1, Adv Pg 536	83-91 W Forest Ave. Englewood	NJ
Swanson Co., Inc., V.H., 2	552 Elm St, Kearny	NJ
Thermovolt Instruments Ltd., 1	70 Advance Rd. Toronto 18	Ont
Thor Ceramics, Inc., 1-2	225 Belleville Ave. Bloomfield	NJ
United Mineral & Chemical Corp., 1	16 Hudson St, New York 13	NY
United Products Co., 1	165 Franklin Ave. Nutley 10	NJ
Western Gold & Platinum Co. Sub. Wilbur B. Driver Co., 1	525 Harbor Blvd. Belmont	Cal

BEAM ANTENNAS See ANTENNAS –*COMMUNICATION*
BEAM SWITCHING TUBES See TUBES –*COUNTER*

BEARINGS

1. GLASS 5. MINIATURE NEEDLE
2. JEWEL, DIAMOND 6. PRECISION INSTRUMENT BALL
3. JEWEL, SAPPHIRE 7. RADAR ANTENNA, BALL OR ROLLER
4. MINIATURE BALL

Accurate Specialties Co. Inc., 4	345 Lodi St. Hackensack	NJ
Atlas Precision Products Co., 4-6	3801 Castor Ave, Philadelphia 24	Pa
Barden Corp., The, 4-6-7	200 Park Ave. Danbury	Conn
Bearing Inspection, Inc., 4-6-7	3311 E Gage Ave. Huntington Park	Cal
BIRD CO., RICHARD H., 1-3, Adv Pg 525	1 Spruce St, Waltham	Mass
CBS Laboratories, 6	227 High Ridge Rd. Stamford	Conn
Clevite-Walco, 2-3-5	60 Franklin St, East Orange	NJ
Decker Corp., 4-6	45 Monument Rd. Bala Cynwyd	Pa
Fafnir Bearing Co., The, 4-6-7	37 Booth St. New Britain	Conn
Fidelitone Microwave Inc., 2-3-5	6415 N Ravenswood Ave. Chicago 26	Ill
Fischer & Porter Co., 1	476 Warminster Rd, Warminster	Pa
GENERAL ELECTRIC CO. APPARATUS SALES, 1, Adv Pgs 5, 9	1 River Rd. Schenectady 5	NY
Gilfillan Bros. Inc., 7	1815 Venice Blvd. Los Angeles 6	Cal
Industrial Tectonics Inc. Ball Div., 6-7	3686 Jackson Rd. Ann Arbor	Mich
Industrial Tectonics Inc. Bearing Div., 7	18301 Santa Fe Ave. Compton	Cal
Jadow Inc., B., 3	860 Broadway, New York 3	NY
Kaydon Engineering Corp., 5-7	Muskegon	Mich
KELLER, JR. JEWELS, HUGO, 3, Adv Pg 504	50 E 42 St. New York 17	NY
Marlin-Rockwell Corp., 4-6	402 Chandler St, Jamestown	NY
Meller Co., Adolf, 3	Box 6001-Turnkey, Providence	RI
Miniature Precision Bearings, Inc., 4-6	Precision Park, Keene	NH
Moser Jewel Co., 1-2-3	Perth Amboy	NJ
NEW DEPARTURE DIV., GENERAL MOTORS CORP., 4-6, Adv Pg 125	269 N Main St. Bristol	Conn
New Hampshire Ball Bearings, Inc., 4-6	Rt. 202, Peterborough	NH
Raway Bearing Co. Inc., 4-5-6-7	119-141 Chrystie St. New York 2	NY
Sterling Instrument Div., 4-6	17 Matinecock Ave. Port Washington	NY
Timken Roller Bearing Co., 7	Canton 6	Ohio
Torrington Co., 5-7	59 Field St. Torrington	Conn
Wilmad Glass Co. Inc., 1	Rte 40 & Oak Rd. Buena	NJ

BELLOWS

Auburn Mfg. Co., The	Pease Ave. & Stack St. Middletown	Conn
Breeze Corps., Inc	700 Liberty Ave, Union	NJ
Bristol Co.	Box 1790 EBG, Waterbury 20	Conn
Colvin Labs, Inc	364 Glenwood Ave. East Orange	NJ
Decker Corp	45 Monument Rd. Bala Cynwyd	Pa
Flexonics Corp.	450 E Devon Ave. Bartlett	Ill
Fulton Sylphon Div., Robertshaw-Fulton	P.O. Box 400, Knoxville 1	Tenn
Goodrich Aviation Products, B.F., Div of B.F. Goodrich Co	Akron	Ohio
Marman Div. Aeroquip Corp.	11214 Exposition Blvd. Los Angeles 64	Cal
Minor Rubber Co. Inc	40 Ackerman St. Bloomfield	NJ
Mowness Products Inc	1916 Indiana St. Racine	Wis
Rubbercraft Corp of Calif	1800 W 220 St. Torrance	Cal
Sterling Instrument Div	17 Matinecock Ave. Port Washington	NY
Thermovolt Instruments Ltd.	70 Advance Rd. Toronto 18	Ont

BELLS See ANNUNCIATORS –*AURAL*
BELTS –*ABRASIVE* See ABRASIVES

BELTS –*DIAL DRIVE*

G-C Electronics Co	400 S Wyman St. Rockford	Ill
Minor Rubber Co. Inc	40 Ackerman St. Bloomfield	NJ
Parker Seal Co. Div. Parker-Hannifin Corp	10567 Jefferson Blvd. Culver City	Cal
Raybestos-Manhattan Inc	61 Willett St. Passaic	NJ

BENCHES & STOOLS –*WORK ASSEMBLY*

Alden Systems Co	117 N Main St. Brockton	Mass
Aurora Equipment Co	Aurora	Ill
Bay Products Div. Amer Metal Wks Inc	1835 W Cambria St. Philadelphia 32	Pa
Cramer Posture Chair Co	1205 Charlotte St, Kansas City 6	Mo
Flotron Industries Inc	1608 Centinela, Inglewood	Cal
Gilfillan Bros. Inc	1815 Venice Blvd. Los Angeles 6	Cal
Jadow Inc., B.	860 Broadway, New York 3	NY
Leitch-Huard Corp	Stark & Commercial Sts. Manchester	NH
Royal Metal Mfg Co	1 Park Ave. New York 16	NY

BENCH TEST SET UPS

Aircraft Radio Corp	Boonton	NJ
Airtec Inc	139 E First Ave. Roselle	NJ
Anchor Specialty Mfg. Co., Inc	300 Hollister Rd. Teterboro	NJ
Decker Corp	45 Monument Rd. Bala Cynwyd	Pa
Gilfillan Bros. Inc	1815 Venice Blvd. Los Angeles 6	Cal
OPAD ELECTRIC CO., Adv Pg 408	43-5 Walker St. New York 13	NY
Ortronix, Inc	Forsythe Rd. Dr. 8217, Orlando	Fla
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
United Mfg. Co. Div. Maxson Electronics Corp	41 Haig St. Hamden 14	Conn

BENDING MACHINES See MACHINES –*BENDING*

BENDS –*WAVEGUIDE (Incl. ELBOWS & CORNERS)*

AINSLIE CORP., Adv Pg 408	531 Pond St. South Braintree 85	Mass
Airtec Inc	139 E First Ave. Roselle	NJ
C W S Waveguide Corp	301 W. Hoffman Ave, Lindenhurst	NY
Co-Operative Industries, Inc	100 Oakdale Rd. Chester	NJ
Dielectric Products Engrg. Co. Inc	Raymond	Me
Electromagnetic Technology Corp	1375 California Ave. Palo Alto	Cal
FXR INC., Adv Pgs 100, 101	25-26 50th St. Woodside 77	NY
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
Gombos Co. Inc. John	Webro Rd. Clifton	NJ
Intaspace Corp	135 Orange St. Bloomfield	NJ
Kearfott Div. Gen Precision Inc. Microwave Prods	14844 Oxnard St. Van Nuys	Cal
LIECO INC., Adv Pg 398	150 Eileen Way, Syosset	NY
M.C.S. Corp.	1001 S Mountain Ave. Monrovia	Cal
Meridian Metalcraft, Inc	8739 S. Millergrove Dr, Whittier	Cal
MICROWAVE CORP. OF AMERICA, Adv Pg 462	Box 278, Stanford	Conn
OMEGA LABORATORIES INC, Adv Pg 226	Box 309, Rowley	Mass
Schutter Microwave Corp	80 E Montauk Hwy. Lindenhurst	NY

SPECIALTY AUTOMATIC MACHINE CORP., Adv Pg 404	80 Cambridge St. Burlington	Mass
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
Turbo Machine Co	841 W. Main St, Lansdale	Pa

BERYLLIUM

Beryllium Corp	P.O. Box 1462, Reading	Pa
Bram Metallurgical Chemical Co	820 65 Ave, Philadelphia 26	Pa
Brush Beryllium Co	5209 Euclid Ave. Cleveland 3	Ohio
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Materials for Electronics Inc	152-25 138 Ave. Jamaica 34	NY
Miniature Precision Bearings, Inc	Precision Park, Keene	NH

BERYLLIUM COPPER

1. PUNCHED PARTS 2. SHEETS 3. STRIP –WIRE See *WIRE –BARE*

ABALON PRECISION MFG CORP., 1, Adv Pg 539	540 Casanova St. New York 59	NY
Accurate Specialties Co. Inc., 1	345 Lodi St. Hackensack	NJ
Alloys Unlimited Inc., 1-2-3	21-01 43rd Ave. Long Island City 1	NY
Alpitec Inc., 1	49 Gleason Ave, Stamford	Conn
Amatom Electronic Hardware Co. Inc., 1	88 Drake Ave. New Rochelle	NY
American Silver Co., Inc., 3	36-07 Prince St, Flushing 54	NY
Auburn Mfg. Co., The, 1	Pease Ave & Stack St, Middletown	Conn
AUGAT BROS. INC., 1, Adv Pg 112	33 Perry Ave. Attleboro	Mass
Avionics Ltd., 1	Box 200, Niagara-on-the-Lake	Ont
Barwood Mfg. Co. Inc. L. J., 1	22 Williams St. Everett 49	Mass
Bell Inc., F. W., 1	1356 Norton Ave. Columbus 12	Ohio
Beryllium Corp., 2-3	P.O. Box 1462, Reading	Pa
BIRTCHER CORP., 1, Adv Pg 489	4371 Valley Blvd. Los Angeles 32	Cal
Bram Metallurgical Chemical Co., 1-2-3	820 65 Ave, Philadelphia 26	Pa
BRAUN TOOL & INSTRUMENT CO. INC., H., 1, Adv Pg 451	140 5th Ave. Hawthorne	NJ
Brush Beryllium Co., 3	5209 Euclid Ave. Cleveland 3	Ohio
Canadian Aviation Electronics Ltd., 1	Box 2090, Montreal 9	P.Q.
Carr Fastener Co. Div., United-Carr, 1	31 Ames St, Cambridge 42	Mass
Chase Brass & Copper Co. Inc., 3	236 Grand St. Waterbury 20	Conn
Cox Mfg. Co., 1	807 Fredericksburg Rd, San Antonio 1	Tex
Diebel Die & Mfg. Co., 1	6505 W. Oakton St. Morton Grove	Ill
DRIVER CO., WILBUR B., 3, Adv Pg 275	1875 McCarter Hwy. Newark 4	NJ
Eastern Tool & Mfg Co., 1	1 Montgomery St. Belleville 9	NJ
Eby Co., Hugh H., 1	4701 Germantown Ave, Philadelphia 44	Pa
EITEL-MCCULLOUGH INC., 1, Adv Pgs 57-60	301 Industrial Way, San Carlos	Cal
Electronic Parts Mfg Co. Inc., 1	508-10 25th St. Union City	NJ
Erwood Inc., 1	1770 Berteau Ave. Chicago 13	Ill
Genex Corp. Industrial Div., 1	1200 Commerce Ave. Union	NJ
GENERAL FINDINGS INC. INDUSTRIAL DIV., 1, Adv Pgs 538, 539	55 School St. Attleboro	Mass
GEORGE PRODUCTS CO. INC., 1, Adv Pg 470	104 Dorsa Ave. Livingston	NJ
HK Metal Craft Mfg Corp., 1	3775 Tenth Ave. New York 34	NY
Horton-Angell Co., 3	77 Bicknell St. Attleboro	Mass
Hudson Tool & Die Co., Inc., 1	18 Malvern St, Newark 6	NJ
Instrument Specialties Co., Inc., 1	254 Bergen Blvd, Little Falls	NJ
Ippolito & Co., Inc., James, 1	1624 Stillwell Ave. Bronx 61	NY
Janco Corp., 1	3111 Winona Ave. Burbank	Cal
Jandor, Inc., 1	428 Salem Ave, Dayton 6	Ohio
Jones & Roy Co., 1	620 Commercial Ave, Covina	Cal
Kaynar Mfg Co. Inc., 1	Box 2001, Term. Annx. Los Angeles 54	Cal
A.D. Mackay, Inc., 2-3	198 Broadway, New York 38	NY
Molded Insulation Co., 1	335 E Price St. Philadelphia 44	Pa
O & M Tool Die & Mfg. Co., 1	3316 Palisade Ave. Union City	NJ
Quadriga Mfg Co., 1	213 W Grand Ave. Chicago 10	Ill
Rimak Electronics Inc., 1	10929 Vanowen St. N Hollywood	Cal
Semi-Alloys Inc., 1-3	20 McQuesten Pkwy. N, Mt. Vernon	NY
Shawmut Engineering Co., 1	195 Freeport St. Boston	Mass
Shelfco Mfg. Corp., 1	323 Bergen Blvd. Fairview	NJ
Sinclair Mfg Co., 1	Chartley	Mass
Smith, Inc. Herman H., 1	2326 Nostrand Ave. Brooklyn 10	NY
Somers Brass Co., 3	94 Baldwin Ave, Waterbury	Conn
Speed Electronics Inc	177 Mill Ln. Mountainside	NJ
Staver Co., Inc., 1	41 N. Saxon Ave, Bay Shore	NY
Steel Heddle Mfg Co., 3	2100 W Allegheny Ave. Philadelphia 32	Pa
Sylvania Electric Products Inc. Parts Div., 1	12 2nd Ave. Warren	Pa
Technicians, Inc., 1	4 Jay St, Englewood	NJ
Torrington Co., 1	59 Field St. Torrington	Conn
Tricon Mfg. Co., 1	4112 S. Wallace St, Chicago 9	Ill
Uniform Tubes Inc	Collegeville	Pa
Volmert Stampings, Inc., 1	222-34 96th Ave, Queens Village 29	NY
WILKINSON CO., 1-3, Adv Pg 180	1660 9th St. Santa Monica	Cal
Wrought Washer Mfg. Co., 1	2254 S. Bay St, Milwaukee 7	Wisc
York Metal Products, Inc., 1	350 Greenwich St, New York 13	NY

BERYLLIUM OXIDE

1. MATERIAL 2. PARTS

AMERICAN LAVA CORP., 2, Adv Pg 237	Cherokee & Mfgrs Rd. Chattanooga 5	Tenn
Beryllium Corp., 1-2	P.O. Box 1462, Reading	Pa
Brush Beryllium Co., 1-2	5209 Euclid Ave. Cleveland 3	Ohio
Continental Sensing, Inc., 1-2	1950 N Ruby St. Melrose Park	Ill
Coors Porcelain Co., 2	600 9th St. Golden	Colo
Delta Chemical Works, 1	21 W 60th St. New York	NY
Engineering Science Div Amer Metal Pdts Co., 2	2851 S State St. Ann Arbor	Mich
Frenchtown Porcelain Co., 2	Frenchtown	NJ
Genex Corp. Industrial Div., 2	1200 Commerce Ave. Union	NJ
Gladding, McBean & Co., 2	1551 S. Primrose St, Monrovia	Cal
KENTUCKY ELECTRONICS INC., 1, Adv Pg 321	2208 W 2nd St. Owensboro	Ky
A.D. Mackay, Inc., 1-2	198 Broadway, New York 38	NY
NATIONAL BERYLLIA CORP., 2 Adv Pgs 552	1st & Haskell, Haskell	NJ
Precision Methods Inc., 1	142 Fulton Ave. New Hyde Park	NY
SEMI-ELEMENTS, INC., 1, Adv Pg 524	Saxonburg Blvd. Saxonburg	Pa
United Technical Industries Inc., 1	5221 S Major St. Murray	Utah
Var-Lac-Oid Chemical Co., 1-2	116 Broad St. New York 4	NY

BETA GAGES See GAGES –*BETA*: INDICATORS –*THICKNESS*

BEZELS

Alpitec Inc	49 Gleason Ave. Stamford	Conn
Amatom Electronic Hardware Co. Inc.	88 Drake Ave. New Rochelle	NY
Engelhard Industries Inc	113 Astor St. Newark 2	NJ
Jon Hardware Mfg. Co., Inc	38-01 Queens Blvd, Long Island City 1	NY
Miller Mfg. Co., James	150 Exchange St, Malden	Mass

Oki & Willadsen, Ltd	47 Crockford Blvd, Toronto 16, Ontario, Canada	
Ross Co., Milton	239 Jacksonville Rd, Hatboro	Pa
Sierra Electric Corp	15100 S. Figueroa St, Gardena	Cal
York Metal Products, Inc	350 Greenwich St. New York 13	NY

BI-METALS -*THERMOSTATIC*

Accurate Specialties Co. Inc	345 Lodi St. Hackensack	NJ
American Silver Co., Inc	36-07 Prince St, Flushing 54	NY
Engelhard Industries, Inc	113 Astor St, Newark 2	NJ
A.D. Mackay, Inc	198 Broadway, New York 38	NY
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS, Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
Var-Lac-Oid Chemical Co	116 Broad St, New York 4	NY

BINARY ENCODERS See ENCODERS
BINARY SCALERS See COUNTERS -*ELECTRONIC*
BINARY-TO-DECIMAL DECODERS See DECODERS -*BINARY-TO-DECIMAL*
BINDING POSTS See POSTS -*BINDING*

BISMUTH

Accurate Specialties Co. Inc	345 Lodi St. Hackensack	NJ
Bram Metallurgical Chemical Co	820 65 Ave. Philadelphia 26	Pa
Cerro Sales Corp	300 Park Ave. New York 22	NY
City Chemical Corp	132 W 22nd St, New York 11	NY
Cominco Products Inc	933 W 3rd Ave. Spokane	Wash
Composite Industrial Metals Inc	235 Georgia Ave. Providence 5	RI
Delta Chemical Works	21 W 60th St. New York	NY
Harmon, Lichtenstein & Co	25 Broadway, New York 4	NY
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Mallinckrodt Chemical Works	2nd & Mallinckrodt Sts. St Louis 7	Mo
Materials for Electronics Inc	152-25 138 Ave. Jamaica 34	NY
OHIO SEMICONDUCTORS, Adv Pg 87	**1205 Chesapeake Ave. Columbus 12**	**Ohio**
SEMI-ELEMENTS INC., Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
Var-Lac-Oid Chemical Co	116 Broad St. New York 4	NY

BLACK BODY SOURCES See INFRARED DEVICES
BLANKS -*CRYSTAL* See CRYSTAL BLANKS
BLOCKS -*FUSE BLOCKS & HOLDERS* See HOLDERS
BLOOD-PRESSURE RECORDERS See RECORDERS -*BLOOD-PRESSURE*

BLOWERS & FANS -*SMALL*

Air Control Installations Ltd	Ruislip, Middx, England	
AIR-MARINE MOTORS INC., Adv Pg 224	**369 Bayview Ave. Amityville**	**NY**
American-Standard Industrial Div	Detroit 32	Mich
Ashland Electric Products, Inc	32-02 Queens Blvd, Long Island City 1	NY
Barber Colman Co	1300 Rock St, Rockford	Ill
Boehm Co., R.A.	58 Brooklyn Ave, Merrick	NY
BUD RADIO INC., Adv Pg 343	**2118 E 55th St. Cleveland 3**	**Ohio**
Daystrom-Transicoil Corp	Worcester, Montgomery County	Pa
Dynamic Air Engineering, Inc	7412 Maie Ave, Los Angeles 1	Cal
EASTERN AIR DEVICES INC., Adv Pg 454	**385 Central Ave. Dover**	**NH**
Electro-Rack, Inc	11501 Jefferson Blvd, Culver City	Cal
Equipto Electronics Corp	319 N Webster St. Naperville	Ill
Fasco Industries Inc	255 N Union St. Rochester 2	NY
Garrett Corp., The	9851 Sepulveda Blvd, Los Angeles 45	Cal
Globe Industries, Inc	1784 Stanley Ave. Dayton 4	Ohio
Heinz-Mueller Engineering Co., Inc	4725 Iowa St, Chicago 51	Ill
HITACHI LTD., Adv Pg 263	**1-4 Marunouchi, Chiyoda-ku, Tokyo**	**Jap**
IMC Magnetics Corp. Eastern Div	570 Main St. Westbury	NY
Ilg Electric Ventilating Co	2850 N. Pulaski Rd, Chicago 41	Ill
Joy Mfg. Co	Dept 39, Oliver Bldg, Pittsburgh 22	Pa
KEARFOTT DIV. GEN PRECISION INC., Adv Pg 394	**Little Falls**	**NJ**
KOOLTRONIC FAN CO Adv Pg 490	**P.O.Box 504, Princeton**	**NJ**
McLEAN ENGINEERING LABORATORIES Adv Pg 432	**P.O. Box 228, Princeton**	**NJ**
Moto-Dyne Inc	2221 Barry Ave. Los Angeles	Cal
Peerless Electric Co., Blower Div	1401 W. Market St, Warren	Ohio
Pesco Products Div., Borg-Warner Corp	24700 N. Miles Rd, Bedford	Ohio
Reasel Industries Inc	1414 S Wabash Ave. Chicago 5	Ill
RIPLEY CO. INC., Adv Pg 415	**1 Factory St. Middletown**	**Conn**
Robbins & Myers, Inc	1347 Laganda Ave. Springfield	Ohio
Roots-Connersville Blower	900 W Mount St. Connersville	Ind
Ross Co., Milton	239 Jacksonville Rd. Hatboro	Pa
Rotating Components, Inc	267 Green St. Brooklyn 22	NY
Rotron Mfg Co. Inc	Hasbrouck Ln, Woodstock	NY
SANDERS ASSOCIATES INC., Adv Pg 380	**95 Canal St. Nashua**	**NH**
Servo-Tek Products Co. Inc	1086 Goffle Rd. Hawthorne	NJ
Small Motors, Inc	2076 Elston Ave, Chicago 14	Ill
Standard Electrical Mfg. Co	Haddon Ave, West Berlin	NJ
Task Corp	1009 E Vermont, Anaheim	Cal
Torrington Mfg. Co., Specialty Blower Div	100 Franklin Dr, Torrington	Conn
Trade-Wind Motorfans, Inc., Div., Robbins & Myers, Inc	7755 Paramount Pl, Pico Rivera	Cal
U.S. Hoffman Machinery Corp	103 4th Ave, New York 3	NY
Western Gear Corp., Electro Prods. Div	132 W. Colorado, Pasadena 1	Cal
Yuba-Dalmulor Div	1375 El Camino Real, Santa Clara	Cal

BLOWERS -*RADOME INFLATION*

American-Standard Industrial Div	Detroit 32	Mich
Dynamic Air Engineering, Inc	7412 Maie Ave, Los Angeles 1	Cal
Torrington Mfg. Co., Specialty Blower Div	100 Franklin Dr, Torrington	Conn

BLUEPRINT MACHINES See MACHINES -*COPYING*

BOARDS -*CAPACITOR OR RESISTOR (NOT PRINTED WIRING)*

A.O.I.P.	23 Pl. Jeanne d'Arc, Paris 13	Fr
AMERICAN LAVA CORP, Adv Pg 237	**Cherokee & Mfgrs Rd. Chattanooga 5**	**Tenn**
Adminster Corp	1312 Boylston St. Boston	Mass
Coils-Electronics Co	2939-49 N. 2nd St, Philadelphia 33	Pa
Control Devices, Inc	925 S Eton Rd. Birmingham	Mich
Electronic Specialties Co	P.O. Box 1041, Wyandotte	Mich
Film Resistors Inc	242 Ridgedale Ave. Morristown	NJ
Gladding, McBean & Co	1551 S Primrose St. Monrovia	Cal
Good Electronic Corp	Box 2406, W Palm Beach	Fla
Hallex Inc	310 E Imperial Hwy. El Segundo	Cal
Microtron Inc. Pyrocircuits Div	6 Manhasset Ave. Port Washington	NY
NATIONAL BERYLLIA CORP Adv Pg 552	**1st & Haskell, Haskell**	**NJ**
National Vulcanized Fibre Co	Box 311, Wilmington 99	Del
Oki & Willadsen, Ltd	47 Crockford Blvd, Toronto 16, Ontario, Canada	
Rimak Electronics Inc	10929 Vanowen St. N Hollywood	Cal
Speed Electronics Inc	177 Mill Ln. Mountainside	NJ
Tri-Dex Co	P.O. Box 1207, Lindsay	Cal
United Fabricators Electronics, Inc	Stillwater	Minn
VECTOR ELECTRONIC CO., Adv Pg 544	**1100 Flower St. Glendale 1**	**Cal**
Weber Electronics, Inc	Hancock & Somerset, Philadelphia 33	Pa
West Virginia Pulp & Paper Co	Covington	Va

BOARDS -*COMPUTER*
1. PLOTTING 2. PLUG & PATCH 3. PROBLEM

AC Electronics, Inc., 2	11725 Mississippi Ave. Los Angeles 25	Cal
Accurate Electronics Corp., 1-2	Box 9350, Elyria	Ohio
Aero Service Corp., 1	210 E. Courtland St, Philadelphia 20	Pa
Aerolite Electronics Corp., 2	2207 Summit Ave, Union City	NJ
Airtronics, Inc., 1-2	5522 Dorsey Ln, Washington 16	DC
ALDEN PRODUCTS CO., 2, Adv Pg 359	**112 N Main St. Brockton 64**	**Mass**
Allegheny Plastics Inc., 1	10 Thorn Run Rd. Coraopolis	Pa
AMP INC., 2, Adv Pgs 65, 183	**Eisenhower Blvd. Harrisburg**	**Pa**
Applied Electronics Co., 2	213 E Grand Ave. S San Francisco	Cal
Bell & Gossett Co., 2	8202 N. Austin Ave, Morton Grove	Ill
Benson-Lehner Corp., 1	1860 Franklin, Santa Monica	Cal
Brooks & Perkins, Inc., 1	1950 W. Fort St, Detroit 16	Mich
Cambridge Thermionic Corp., 2	445 Concord Ave, Cambridge 38	Mass
Canadian Aviation Electronics Ltd., 1	Box 2030, Montreal 9	P.Q.
COLE ELECTRIC CO., 2, Adv Pg 504	**8439 Steller Dr. Culver City**	**Cal**
Computer Control Co. Inc., 3	983 Concord St. Framingham	Mass
Data Equipment Co., 1-2-3	923 E. 3rd St, Los Angeles 13	Cal
Daystrom Inc. Military Elec. Div., 1	Archbald	Pa
Di/An Controls, Inc., 1	944 Dorchester Ave. Boston	Mass
Dielectric Products Engrg. Co. Inc., 2	Raymond	Me
Donner Scientific Co., 2-3	888 Galindo St. Concord	Cal
Durelin Corp., 2-3	1025 Race St, Philadelphia 7	Pa
Electro Instruments Inc., 1	8611 Balboa Ave. San Diego 11	Cal
Gilfillan Bros. Inc., 3	1815 Venice Blvd. Los Angeles 6	Cal
Heath Co. A Sub of Daystrom, Inc., 3	Benton Harbor	Mich
Huyck Systems Co., 1	360 Wolf Hill Rd. Huntington Sta.	NY
ITT Federal Labs Div. ITT Corp., 1-2-3	500 Washington Ave. Nutley	NJ
Industrial Engravers, Inc., 1	2212 McDonald Ave. Brooklyn 23	NY
Keystone Electronics Corp., 2	49 Bleecker St. New York 12	NY
Loral Electronics Corp., 1	825 Bronx River Ave, New York 72	NY
Milgo Electronic Corp., 1-2	7620 NW 36 Ave, Miami 47	Fla
Molectronics Div. Motec Ind. Inc., 2	6344 Arizona Cir, Los Angeles 45	Cal
MOSELEY CO., F.L., 1 Adv Pgs 122, 123	**409 N Fair Oaks Ave. Pasadena**	**Cal**
Nelson Instrument Co., 2	Box 68, Spring Valley	Ill
Nortronics, Div Northrop Corp., 1	222 N Prairie Ave. Hawthorne	Cal
Oki & Willadsen, Ltd., 1-2	47 Crockford Blvd, Toronto 16, Ontario, Canada	
Ortronix, Inc., 2	Forsythe Rd. Dr. 8217, Orlando	Fla
Planeramics Inc., 1-3	631 E 1st St. Boston 27	Mass
Rimak Electronics Inc., 2	10929 Vanowen St. N Hollywood	Cal
SEALECTRO CORP., 2, Adv Pg 352	**139 Hoyt Ave. Mamaroneck**	**NY**
SERVO CORP OF AMERICA, 1, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Solartron, Inc., 2-3	1742 S. Zeyn St, Anaheim	Cal
Sunshine Scientific Instrument, 1	1810 Grant Ave, Philadelphia 15	Pa
Telecomputing Corp., 1	915 N Citrus Ave. Hollywood	Cal
Teleregister Corp., 2	445 Fairfield Ave. Stamford	Conn
Thermo Electric Co. Inc., 2	109 5th St. Saddle Brook	NJ
UCINITE CO. DIV. UCF, 2, Adv Pg 69	**459 Watertown St, Newtonville**	**Mass**
United Fabricators Electronics, Inc., 2	Stillwater	Minn
VECTOR ELECTRONIC CO., 2, Adv Pg 544	**1100 Flower St. Glendale 1**	**Cal**
Virginia Electronics Co., Inc., 2	5209 River Rd, Washington 16	DC
Wang Laboratories, Inc., 2	12 Huron Dr. Natick	Mass
Willson Camera Co., Inc., 1	1395 Lawrence Rd. Havertown	Pa

BOARDS -*PRINTED-CIRCUIT* See LAMINATES: CIRCUITS -*PRINTED WIRING*
BOARDS -*TERMINAL STRIPS* See TERMINAL STRIPS

BOATS & CRUCIBLES -*SEMICONDUCTOR*

Accurate Specialties Co. Inc	345 Lodi St. Hackensack	NJ
AMERICAN LAVA CORP, Adv Pg 237	**Cherokee & Mfgrs Rd. Chattanooga 5**	**Tenn**
High Temperature Materials, Inc	31 Antwerp St. Brighton 35	Mass
NATIONAL BERYLLIA CORP Adv Pg 552	**1st & Haskell, Haskell**	**NJ**
Norton Co	1 New Bond St. Worcester 6	Mass
Var-Lac-Oid Chemical Co	116 Broad St. New York 4	NY

BOBBINS -*COIL & TRANSFORMER*
1. CERAMIC 2. PAPER 3. PLASTIC See Also FORMS

AC Electronics, Inc., 3	11725 Mississippi Ave, Los Angeles 25	Cal
Acoustica Associates, Inc., 1	10400 Aviation Blvd. Los Angeles 45	Cal
Almac Plastics Inc., 3	600 Broadway, New York 12	NY
AMERICAN LAVA CORP., 1, Adv Pg 237	**Cherokee & Mfgrs Rd. Chattanooga 5**	**Tenn**
American Molded Products Co., 3	2727 W. Chicago Ave, Chicago 22	Ill
American Quartz Labs, Inc., 3	Garrison	NY
Approved Plastics Co., 3	261 Railroad Ave. Stirling	NJ
Berry Mfg. Corp., 3	146 Main St, Maynard	Mass
Booker & Wallestad, Inc., 3	3336 Gorham Ave, Minneapolis 26	Minn
Boonton Molding Co., 3	Boonton	NJ
Brilhart Plastics Corp., 3	Old Country Rd. Mineola	NY
CFI CORP., 1, Adv Pg 294	**Cottage Pl. Mineola**	**NY**
CG Electronics Corp., 1	1500 Central E., Albuquerque	NM
Calmag Div. Calif. Magnetic Con. Corp., 1-2-3	11022 Vanowen St. N Hollywood	Cal
Cambridge Thermionic Corp., 1-2	445 Concord Ave, Cambridge 38	Mass
Carmer Industries, Inc	22 N. 26 St, Kenilworth	NJ
Carvil Technical Ceramics Inc., 1	801-23rd St. Union City	NJ
CENTRALAB ELECTRONICS, DIV. GLOBE-UNION, INC., 1, Adv. Pgs. 376, 377	**914Y E Keefe Ave. Milwaukee 1**	**Wis**
Ceramco Inc. Chemists	173 Ridge St. Newark 4	NJ
Chemplast, Inc., 3	3 Central Ave. East Newark	NJ
Comco Plastics, Inc., 3	98-40 Jamaica Ave. Richmond Hill	NY
Cosmo Plastics Co., 3	3239 W. 14 St, Cleveland	Ohio
Dean Plastics Inc., 3	110 Herbert Ave. Closter	NJ
Dresser Electronics SIE Div., 2	10201 Westheimer Rd. Houston 24	Tex
Duramic Products, Inc., 1	426 Commercial Ave, Palisades Park	NJ
Electo-Actuators Inc. Div. Omega Prec. Inc., 3	757 N Coney Ave. Azusa	Cal
Electro-Ceramics, Inc., 1	2645 S 2nd W. Salt Lake City 15	Utah
Emeloid Co. Inc., 3	1239 Central Ave, Hillside 5	NJ
Emerson Plastics Corp., 3	1383 Seabury Ave. Bronx 61	NY
Erfle Corp., 3	Fellowship Rd. & Rte 73, Maple Shade	NJ
EPOXY PRODUCTS, DIV JOS WALDMAN & SONS, 3, Adv Pg 337	**133 Coit St. Irvington**	**NJ**
Form-It Products, Inc., 2-3	1615 W. Walnut St, Chicago 12	Ill
Franklin Fibre Lamitex Corp., 3	P.O. Box 1768, Wilmington	Del
Garde Mfg. Co., 3	53 John St. Cumberland	RI
GENERAL CERAMICS DIV. INDIANA GENERAL CORP., 1, Adv Pg 77	**Keasbey**	**NJ**
Gries Reproducer Corp., 3	151 Beechwood St. New Rochelle	NY
Hydro Molding Co., Inc., 3	Plattsburgh	NY
Insulation Manufacturers Corp., 1-2-3	565 W Washington Blvd. Chicago 6	Ill
Isolantite Mfg. Corp., 1	Stirling	NJ
Kirchburger & Co., Inc., H., 1	248 Humphrey St, Englewood	NJ
Lamtex Industries Inc., 3	Milbar Ave, Farmingdale	NY
Lawrence Adhesive & Chemical Co. Inc	19 S Canal St. Lawrence	Mass
Lung, Inc., Thomas J., 3	215 Stonehenge Lane, Carle Place	NY
Maryland Lava Co., 3	Dept. GB, Bel Air	Md
Materials for Electronics Inc., 1-2	152-25 138 Ave. Jamaica 34	NY
Microtron Inc. Pyrocircuits Div., 1	6 Manhasset Ave. Port Washington	NY
Minn-Honeywell, Ceramics Lab., 1	Box 440, Minneapolis 40	Minn
Minn-Honeywell, Military Prods Gr., 1	2600 Ridgway Rd. Minneapolis 13	Minn
MYCALEX CORP. OF AMERICA, 1, Adv Pg 351	**125 Clifton Blvd. Clifton**	**NJ**
National Ceramic Co., 1	500 Southard St. Trenton 2	NJ
Nemo Labs, Inc., 3	8 Lawrence St. Belleville 7	NJ
Orange Products, Inc	554 Mitchell St, Orange	NJ
Osborne Electric Co. Ltd., 3	56 Wesley St. Toronto 18	Ont
Pearce Simpson, Inc., 3	2295 NW 14th St. Miami 35	Fla
Penn Fibre & Specialty Co., 2-3	2020 E. Westmoreland St, Philadelphia 34	Pa
Pennsylvania Fluorocarbon Co. Inc., 3	1115 N 38th St. Philadelphia 4	Pa
Plastronic Engineering Co., 3	721 Boston Post Rd, Marlborough	Mass
PRECISION PAPER TUBE CO., 2-3 Adv Pg 465	**2041 W. Charleston St. Chicago 47**	**Ill**
RESDEL CORP., 3 Adv Pg 519	**P.O. Box 217, Rio Grande**	**NJ**
Romar Plastics Inc., 3	1311 E. Main St. St. Charles	Ill
Ross Co., Milton, 3	239 Jacksonville Rd, Hatboro	Pa
Sealelectric Switch & Relay Co., 2	4023 N. Keystone, Chicago	Ill
Sierra Electric Corp., 3	15100 S. Figueroa St. Gardena	Cal
Silicone Insulation, Inc., 3	1385 Seabury Ave. Bronx 61	NY
Stevens Products, Inc., 3	86-88 Main St, East Orange	NJ
Stone Paper Tube Co., Div., Stone Straw Corp., 2-3	900 Franklin St, N.E., Washington 17	DC
Superex Electronics Corp., 2-3	4-6 Radford Place, Yonkers	NY
SUPERIOR STEATITE & CERAMIC CORP., 1, Adv Pg 536	**83-91 W Forest Ave. Englewood**	**NJ**
Swenson Co., Inc., V.H., 3	552 Elm St, Kearny	NJ
Tanner Engineering Co., 3	1000 Santa Fe Ave. Los Angeles 21	Cal
Telegraph Condenser Co. Ltd., 1	N Acton, London W3	Eng
Telex, 3	Telex Park, St Paul 1	Minn
Thor Ceramics, Inc., 1-3	225 Belleville Ave, Bloomfield	NJ
Topper Mfg. Co. Inc., 1-3	84-56 Parsons Blvd. Jamaica 32	NY
United Fabricators Electronics, Inc., 3	Stillwater	Minn
United Mineral & Chemical Corp., 1	16 Hudson St, New York 13	NY
United Products Co., 1-2-3	165 Franklin Ave. Nutley 10	NJ
Vinder Aircraft Corp., 3	Dunnellon Air Base, Dunnellon	Fla

BOLOMETER MOUNTS See MOUNTS -*BOLOMETER*
BOLOMETERS -*INFRARED* See INFRARED DEVICES

BOLOMETERS -*MICROWAVE*
1. BARRETTERS 2. THERMISTORS

Bruno-New York Industries Corp., 1	460 W 34th St. New York 1	NY
CWS Waveguide Corp., 1-2	301 W Hoffman Ave. Lindenhurst	NY
Capehart Corp., 1-2	87-46 123rd St. Richmond Hill 18	NY
Decitron Electronics Corp	850 Shepherd Ave. Brooklyn 8	NY
FXR INC., 2, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Filmohm Corp., 1-2	48 W 25 St. New York 10	NY
General Microwave Corp., 1-2	47 Gazza Blvd. Farmingdale	NY
INTERELECTRONICS CORP., 2, Adv Pg 521	**2432 Grand Concourse, New York 58**	**NY**
Microwave Associates, Inc., 1-2	Burlington	Mass
Microwave Components, Inc., 2	Doylestown	Pa
Microwave Dynamics Corp., 1-2	5 Fairchild Ct. Plainview	NY
Microwave Semiconductor & Inst. Inc., 1-2	116-06 Myrtle Ave. Richmond Hill 18	NY
Narda Microwave Corp., 1-2	Plainview	NY
PRD ELECTRONICS INC., 1-2, Adv. Pgs 113-116	**202 Tillary St. Brooklyn 1**	**NY**
POLARAD ELECTRONICS CORP., 2 Adv Pg 269-272	**43-20 34 St. Long Island City 1**	**NY**
RADAR MEASUREMENTS CORP., 2 Adv Pg 516	**190 Duffy Ave, Hicksville**	**NY**
SERVO CORP OF AMERICA, 2, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Sperry Microwave Electronics Co., 1-2	P.O. Box 1828, Clearwater	Fla
TELERAD DIV. LIONEL CORP., 1-2, Adv Pgs 220, 221	**Rt 69, Flemington**	**NJ**
Victor R.F. & Microwave Co., 1-2	38 W Water St. Wakefield	Mass
Victory Engineering Corp., 2	100 Springfield Rd, Union	NJ

BOLOMETERS -*THERMAL*

Barnes Engineering Co	30 Commerce Rd. Stamford	Conn
Bruno-New York Industries Corp	460 W 34th St. New York 1	NY
CWS Waveguide Corp	301 W Hoffman Ave. Lindenhurst	NY
Capehart Corp	87-46 123rd St. Richmond Hill 18	NY
Decitron Electronics Corp	850 Shephard Ave. Brooklyn 8	NY
Electro Radiation Inc	11916 W Pico Blvd. Los Angeles 64	Cal
FXR INC., Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Filmohm Corp	48 W 25 St. New York 10	NY
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
LIECO INC., Adv Pg 398	**150 Eileen Way, Syosset**	**NY**
Martin Co	Mail No. G3037, Baltimore 3	Md
Microwave Dynamics Corp	5 Fairchild Ct. Plainview	NY
Microwave Semiconductor & Inst. Inc	116-06 Myrtle Ave. Richmond Hill 18	NY
Narda Microwave Corp	Plainview	NY
SERVO CORP OF AMERICA, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
TRG Inc	9 Union Sq. Somerville	Mass
Wayne Kerr Corp	1633 Race St. Philadelphia 3	Pa

BOLTS
1. COMMON 2. EXPANSION 3. SPADE 4. TOGGLE

Abbott Products, Inc., 3	14-10 123rd St., College Point 56	NY
Ackerman-Johnson Co., 2-4	625 W. Jackson Blvd, Chicago 6	Ill
Aero Bolt & Screw Co	1017 Arbor Vitae, Inglewood	Cal
ALLMETAL SCREW PRODUCTS CO. INC., 1, Adv Pg 66	**821 Stewart Ave. Garden City**	**NY**

Amatom Electronic Hardware Co. Inc., 3	88 Drake Ave. New Rochelle	NY
American Screw Co., 1	Willimantic	Conn
Anti-Corrosive Metal Products, Co., Inc., 1	Castleton-on-Hudson	NY
Arm Expansion Bolt Co., 2-4	P.O. Box 368, Dept Q, Marion	Ohio
Atlas Screw & Specialty Co., Inc., 1-2-3-4	450 Broome St, New York 13	NY
Carr Fastener Co., Div. United-Carr, 1	31 Ames St, Cambridge 42	Mass
Chase Brass & Copper Co. Inc., 1-2	236 Grand St, Waterbury 20	Conn
Chicago Expansion Bolt Co., 2-4	1108 W. Concord Pl, Chicago 22	Ill
Chicago Screw Co., 1	2701 Washington Blvd, Bellwood	Ill
Eaton Mfg. Co., Reliance Div., 1	25 Charles Ave S.E., Massillon	Ohio
Elco Tool & Screw Co., 1	1111 Samuelson Rd, Rockford	Ill
FEDERAL SCREW PRODUCTS INC., 1-3, Adv Pg 553	**3917 N Kedzie Ave. Chicago 18**	**Ill**
G-C Electronics Co., 1-3	400 S Wyman St. Rockford	Ill
I. E. Manufacturing, 3	3041 Carroll, Chicago 12	Ill
Keystone Bolt & Nut Corp., 1-2-3-4	127 Church St. New York 7	NY
Mercury Air Parts Co., 1-2-4	9310 W Jefferson Blvd. Culver City	Cal
Mid-Continent Screw Products Co., 1-2-3-4	5843 N Broadway, Chicago 40	Ill
Molly Corp., 2-4	232 N 5th St. Reading	Pa
NATIONAL LEAD CO., 2, Adv Pg 557	**111 Broadway, New York 6**	**NY**
Phenoll Mfg. Co., Inc., 1	5700 Roosevelt Rd, Chicago 50	Ill
Republic Steel Corp., 1-2	Republic Blvd Cleveland 1	Ohio
Russell, Burdsall & Ward Bolt & Nut Co., 1	Port Chester	NY
Smith, Inc., Herman H., 3	2326 Nostrand Ave, Brooklyn 10	NY
Standard Pressed Steel Co., 1	P.O. Box 775, Jenkintown	Pa
Standard Screw Co., 1	2801 Washington Blvd. Bellwood	Ill
Sterling Bolt Co., 1-4	363-405 W. Erie St, Chicago 10	Ill
United Screw & Bolt Corp., 1-2-3-4	3590 W. 58 St, Cleveland 2	Ohio
Waldom Electronics, Inc., 1	4621 W. 53rd St, Chicago 32	Ill
Washington Mfg. Co. Inc., 3	Box 370, Washington	Iowa
Wenco Mfg. Co., (Simplex), 3	1133 W. Hubbard St, Chicago 22	Ill

BONDING JUMPERS See JUMPERS
BOOKS See TECHNICAL BOOKS -*PUBLISHERS*

BOOMS -*MICROPHONE*

Atlas Sound Corp	1449 39th St. Brooklyn 18	NY
Executone Inc	415 Lexington Ave. New York 17	NY
G-C Electronics Co	400 S Wyman St. Rockford	Ill
National Cine Equipment, Inc	209 W. 48 St, New York	NY

BOOSTERS See AMPLIFIERS -*R-F:* AMPLIFIERS -*TV*

BORON

Accurate Specialties Co. Inc	345 Lodi St. Hackensack	NJ
American Potash & Chemical Corp	3000 W 6th St. Los Angeles 54	Cal
Bram Metallurgical Chemical Co	820 65 Ave, Philadelphia 26	Pa
Delta Chemical Works	21 W 60th St. New York	NY
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Semi-Alloys Inc	20 McQuesten Pkwy. N, Mt. Vernon	NY
Shieldalloy Corp	Newfield	NJ
United Mineral & Chemical Corp	16 Hudson St. New York 13	NY
U.S. Nuclear Corp	801 N. Lake St, Burbank	Cal
Var-Lac-Oid Chemical Co	116 Broad St, New York 4	NY

BORON CARBIDE

Bram Metallurgical Chemical Co	820 65 Ave, Philadelphia 26	Pa
Carborundum Co	Buffalo Ave. Dept. EBG, Niagara Falls	NY
Delta Chemical Works	21 W 60th St. New York	NY
Geoscience Instrument, Inc.	142 Maiden Lane, New York 38	NY
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Norton Co	1 New Bond St, Worcester 6	Mass
Semi-Alloys Inc	20 McQuesten Pkwy. N, Mt. Vernon	NY
Shieldalloy Corp	Newfield	NJ
United Mineral & Chemical Corp	16 Hudson St. New York 13	NY
U.S. Nuclear Corp	801 N. Lake St, Burbank	Cal
Var-Lac-Oid Chemical Co	116 Broad St, New York 4	NY

BOXES -*DECADE & EIA VALUES*
1. CAPACITOR, DECADE
2. CAPACITOR, EIA VALUES
3. COIL
4. RESISTOR, DECADE
5. RESISTOR, EIA VALUES

A. O. I. P., 1-4	23 Pl. Jeanne d'Arc, Paris 13	Fr
Astron Corp., 2	255 Grant Ave. E Newark	NJ
AVNET INSTRUMENT CORP., 1-4, Adv Pgs 331, 364	**70 State St. Westbury**	**NY**
BARNES DEVELOPMENT CO., 4, Adv Pg 414	**213 W Baltimore Pike, Lansdowne**	**Pa**
Canadian Research Institute, 1-2-4-5	85 Curlew Dr. Don Mills	Ont
Carborundum Co., 5	Buffalo Ave. Dept. EBG, Niagara Falls	NY
CLAROSTAT MFG. CO., INC., 4, Adv Pg 501	**Dover**	**NH**
Collo-Electronics Co., 3	2939-49 N. 2nd St, Philadelphia 33	Pa
CORNELL-DUBILIER ELECTRONICS DIV. FED PACIFIC ELEC. CO., 1-4, Adv Pgs 148, 149	**50 Paris St. Newark 1**	**NJ**
Cox Manufacturing Co., 3	807 Fredericksburg, San Antonio 1	Tex
Dmstar Mfg. Co., Inc., 4	68 N. Broadway, Yonkers	NY
EIR Corp., 4-5	5177 Overland Ave, Culver City	Cal
Electric Switch Corp., 1	2320 S Tibbs Ave. Indianapolis 41	Ind
ELECTRO SCIENTIFIC INDUSTRIES INC., 1-4, Adv Pg 424	**7524 SW Macadam, Portland 19**	**Ore**
ELECTRONIC INSTRUMENT CO. INC., 1-4, Adv Pg 396	**3300 Northern Blvd. Long Island City**	**NY**
Elettronica Metal Lux S.p.A., 4	Viale Sarca 94, Milan	Italy
Emerson Plastics Corp., 3	1383 Stebbins Ave, Bronx 61	NY
Fluke Mfg Co. Inc., John, 4	Mountlake Terrace	Wash
G-C Electronics Co., 5	400 S Wyman St. Rockford	Ill
General Radio Co., 1-4	West Concord	Mass
Good-All Electric Mfg. Co., 2	112 W 1st St. Ogallala	Neb
GRAY INSTRUMENT CO., 4, Adv Pg 400	**440 Mill Rd. Andalusia**	**Pa**
Helix Inc., 4	310 E Imperial Hwy. El Segundo	Cal
Heath Co. A Sub of Daystrom, Inc., 1-4	Benton Harbor	Mich
High Fidelity Products, 1	P.O. Box 131, Owensboro	Ky
Industrial Instruments, Inc., 1-4	89 Commerce Rd, Cedar Grove	NJ
International Resistance Co., 4	401 N Broad St. Philadelphia 8	Pa
JULIE RESEARCH LABS. INC., 4 Adv Pg 392, 393	**603 W. 130 St. New York 27**	**NY**
Kurston Electronics, 4	702 Bay St. Staten Island	NY
Leclanche S.A., 1-2	Yverdon, Switzerland	
Leeds & Northrup Co., 1-4	4970 Stenton Ave. Phila. 44	Pa
MacLeod & Hanopol Inc., 1	10 Roland St. Charlestown 29	Mass
Ma[illegible] Electronic Co., 4	1633 N. Halsted St, Chicago 14	Ill
Mestan Electronics Corp., 4-5	204 Babylon Tpke. Roosevelt	NY
Minn-Honeywell, Rubicon Instruments, 4	Ridge at 35 St, Philadelphia 32	Pa
Muirhead & Co., Ltd., 1-3-4	Beckenham, Kent, England	
OHMITE MFG. CO., 4, Adv Pgs 276, 277	**3601 Howard St. Skokie**	**Ill**
Precision Apparatus Co., Inc., 1-2-4-5	70-31 84 St, Glendale 27	NY
R-Tronics Corp., 4-5	134-20 Jamaica Ave. Richmond Hill	NY
ROHDE & SCHWARZ, USA INC., 1-4, Adv Pg 403	**Box 275, Passaic**	**NJ**
Servomex Controls Ltd., 1	Crowborough, Sussex, England	
Shallcross Mfg. Co., 4	Selma	NC
Silicone Insulation, Inc., 3	1385 Seabury Ave. Bronx 61	NY
Simmonds Precision Prods Inc., 1	105 White Plains Rd. Tarrytown	NY
Sprague Electric Co., 1-3	125 Marshall St. North Adams	Mass
TECH LABORATORIES INC., 4, Adv Pg 395	**Bergen & Edsall Blvds. Palisades Park**	**NJ**
Telex, 4	Telex Park, St Paul 1	Minn
TOROCOIL CO., 3, Adv Pg 551	**1211 N Chestnut Ave. Arlington Heights**	**Ill**
TOROTRON CORP., 3, Adv Pg 234	**256 E 3rd St. Mt Vernon**	**NY**
Ultronix Inc., 4	111 E 20th Ave. San Mateo	Cal
United Mineral & Chemical Corp., 1-5	16 Hudson St. New York 13	NY
Wells Electronics Co., 1-3	1701 S Main St. South Bend 23	Ind

BOXES -*SHIPPING & STORAGE*
1. HERMETICALLY SEALED
2. METAL
3. PAPER & FIBREBOARD
4. PLASTIC
5. SHIELDED
6. WATERPROOF
7. WOOD

ABALON PRECISION MFG CORP., 2, Adv Pg 539	**540 Casanova St. New York 59**	**NY**
Ace Engineering & Machine Co., Inc., 5	Tomlinson Rd, Huntingdon Valley	Pa
AINSLIE CORP., 2, Adv Pg 408	**531 Pond St. South Braintree 85**	**Mass**
Almac Plastics Inc., 4	600 Broadway, New York 12	NY
Alpitec Inc., 2	49 Gleason Ave, Stamford	Conn
Althor Products, 4	2301 Benson Ave, Brooklyn 14	NY
Aluminum Co of America, 2	Alcoa Bldg. Pittsburgh 19	Pa
American Aluminum Co., 1-2	230 Sheffield St. -C, Mountainside	NJ
Aurora Equipment Co., 2	Aurora	Ill
Avco Corp., Crosley Div., 2	1329 Arlington St, Cincinnati 25	Ohio
Bal Corp., William, 3-5-7	947 Newark Ave. Elizabeth	NJ
Baltic Metal Products Co., 2	126 Sutton St, Brooklyn 22	NY
Bay Products Div. Amer Metal Wks Inc., 2	1835 W Cambria St. Philadelphia 32	Pa
BRADLEY INDUSTRIES, 4, Adv Pg 549	**1650-58 North Damen Ave. Chicago 47**	**Ill**
Brilhart Plastics Corp., 4	Old Country Rd. Mineola	NY
Brooks & Perkins, Inc., 1-2	1950 W Fort St. Detroit 16	Mich
BUD RADIO INC., 2-5, Adv Pg 343	**2118 E 55th St. Cleveland 3**	**Ohio**
California Chassis Co., 2	5445 E Century Blvd. Lynwood	Cal
Cambridge Pattern Works, Inc., 7	55 First St, Cambridge 41	Mass
Carvil Technical Ceramics Inc., 1	801-23rd St. Union City	NJ
Champion Co., 1-2-5-6	400 Harrison St. Springfield	Ohio
Clover Industries, Inc., 4	584 Young St, Tonawanda	NY
Continental Diamond Fibre Corp., 3-4	Newark 100	Del
Controlled Atmosphere Enclosures Mfg Co., 1-2-4	1061 E 1st St. Jacksonville 6	Fla
Corrugated Paper Products, Inc., 3	2233 Utica Ave, Brooklyn 34	NY
Cox Manufacturing Co., 2	807 Fredericksburg, San Antonio 1	Tex
Craig Systems, Inc., 2-5-6	360 Merrimack St, Lawrence	Mass
Dahlstrom Manufacturing Corp., 2	Jamestown	NY
Division Lead Co., 2	7742 W 61st Pl, Summit	Ill
Dolin Metal Products, Inc., 2	315 Lexington Ave, Brooklyn	NY
Donnelly Mfg. Co., 1-2	580 Winter St. Waltham 54	Mass
Duo Plastics of New York, Inc., 4	303 5th Ave., New York 16	NY
Electronic Service Corp., 1-4	2508 Birch St, Franklin Park	Ill
ELECTROSPACE CORP., 1, Adv Pg 378	**99 E Hawthorne Ave. Valley Stream**	**NY**
Ellisco Inc., 1-2	4022 N American St. Philadelphia 40	Pa
Elzee Metal Products Co., Inc., 2	779 39th St, Brooklyn 32	NY
Emeloid Co., Inc., 4	1239 Central Ave, Hillside 5	NJ
Escotronics, 2	7000 S Vine St. LaGrange	Ill
Eugene Engineering Co. Inc., 1-2-6	1217 Hyde Park Ave. Hyde Park 36	Mass
Farwell Metal Fabricating, 2-6	57 W. Fairfield Ave, St. Paul 7	Minn
Ferrodynamics Corp., 4	Gregg & Rt. 17, Lodi	NJ
Flex Products Corp., 4	229E Meadow Rd. Rutherford	NJ
FORMICA METAL PRODUCTS CO., 2, Adv Pg 524	**Corporation Way, Medford**	**Mass**
Fox Co., C.J. The, 3	236 Atwells St, Providence 1	RI
Golding Mfg. Co., 2	90 Pirata Ave. North Arlington	NJ
Goldsman Co., 2-4-6-7	1326-34 N 4th St. Philadelphia 22	Pa
Halliburton Enterprises, Inc. Mfg Div., 2-6	4724 S Boyle Ave. Los Angeles 58	Cal
Hammond Mfg Co. Ltd., 1-2-5-6	Guelph	Ont
Heldor Electronics Mfg. Corp., 1-2	238 Lewis St. Paterson	NJ
Henry & Miller Industries, Inc., 2-5	675 Garfield Ave, Jersey City 5	NJ
Hinde & Dauch Div W.Va. Pulp & Paper Co., 3-6	407 Decatur St, Sandusky	Ohio
Jandor, Inc., 2	425 Salem Ave, Dayton 6	Ohio
Koch & Sons, Inc., H., 1-4-5-6	Corte Madera	Cal
Kollman Case Corp	P.O. Box 1102, Ft. Wayne 1	Ind
Korfund Co. Inc., 2	Cantiague Rd. Westbury	NY
LMB, 2	2528 W. 9th St, Los Angeles 6	Cal
Lerner Plastics Inc., 4	572 S. 1st, Garwood	NJ
Long Sault Woodcraft Ltd., 4	St Andrews East, Quebec	Can
Lynchburg & Truck Co. Inc., 2	Oneonta	NY
Lyon Metal Products, Inc., 2	33 Railroad Ave. Aurora	Ill
M M ENCLOSURES INC., 1-2-5-6, Adv Pg 552	**111 Bloomingdale Rd. Hicksville**	**NY**
MAGNETIC SHIELD DIV. PERFECTION MICA CO., 5 Adv Pg 35	**1320 N. Elston Ave. Chicago 22**	**Ill**
Mastic Co., 7	2104 Superior Ave, Cleveland	Ohio
Middlesex Paper Tube Co., Inc., 3	345 Chelmsford St, Lowell	Mass
Motel Electronics Inc., 2	1111 State Rd. 67 E, Anderson	Ind
Muckle Mfg. Co., 2-7	Prinzing Rd. Owatonna	Minn
NATIONAL LEAD CO., 5, Adv Pg 557	**111 Broadway, New York 6**	**NY**
National Vulcanized Fibre Co., 3-4	Box 311, Wilmington 99	Del
Navan Products, Inc., Sub., North American Aviation, Inc	980 N. Sepulveda, El Segundo	Cal
Olympic Products Co., Inc., 1-2-5	Third Ave, Alpha	NJ
Owens-Illinois Glass Co., 3	P.O. Box 1035, Toledo 1	Ohio
P.B.R. Mfg. Co., 2	H & Luzerne Sts, Philadelphia 24	Pa
Pearce Simpson, Inc., 2-4-6	2295 N.W. 14th St, Miami 35	Fla
Republic Steel Corp., 2	Republic Bldg. Cleveland 1	Ohio
Roesler & Thesmacher Co., 2	1310 W. 29th St, Cleveland 13	Ohio
Rimak Electronics Inc., 2	10929 Vanowen St. N Hollywood	Cal
Sirdyne, Inc., 2-4-6	River Rd, Port Jervis	NY
STAFFORD MFG. CO. INC., 2, Adv Pg 124	**145 58th St. Brooklyn 20**	**NY**
Summit Industries, Inc., 4	2114 W. Rosecrans Ave, Gardena	Cal
Swenson Co., Inc., V.H., 4	552 Elm St. Kearny	NJ
Taffet Electronics Inc., 2-6	2775 Bklyn-Qns Exp W, Woodside 77	NY
U.S. Rubber Co., 4-6	1230 Ave of the Americas, New York 20	NY
Victor Tool Co., 4	3321 E 67 St. Cleveland 4	Ohio
Washington Aluminum Co. Inc., 2	Pa RR & Knecht Ave. Baltimore 29	Md
Wells Electronics Co., 5	1701 S Main St. South Bend 23	Ind
Western Coil & Electrical Co., 4	215 State St. Racine	Wis
York-Hoover Corp., 2-6	York	Pa
York Metal Products, Inc., 2-5-6	350 Greenwich St. New York 13	NY
Zero Mfg. Co., 1-2-6	1121 Chestnut St, Burbank 71	Cal

BRACKETS-TV & F-M *RECEIVING ANTENNA*

ABALON PRECISION MFG CORP., Adv Pg 539	**540 Casanova St. New York 59**	**NY**
Henry & Miller Industries, Inc	675 Garfield Ave, Jersey City 5	NJ
I. E. Manufacturing	3041 Carroll, Chicago 12	Ill
Kenwood Engineering Co., Inc	265 Colfax Ave, Kenilworth	NJ
L M B	2128 W 9th St. Los Angeles 6	Cal
Lindsay Antenna & Specialty Prods., Ltd	50 Mary St, Lindsay, Ontario, Canada	
Radio Products Co	2901 W. Carroll Ave, Chicago 12	Ill
Radio Merchandise Sales, Inc	2016 Bronxdale Ave. New York 62	NY
Ratelco	820 Minor Ave. N, Seattle	Wash
South River Metal Products Co., Inc	377 Turnpike, South River	NJ
Video Industries Co	242 Madison Ave. Port Chester	NY
WIND TURBINE CO., Adv Pg 388	**E Market St. West Chester**	**Pa**
York Metal Products, Inc	350 Greenwich St. New York 13	NY

BRAKES -*MAGNETIC*

Amer-Monarch Corp. Amer. Elec. Div.	2801 37th Ave. NE, Minneapolis 18	Minn
AUTOTRONICS, INC., Adv Pg 481	**Box 208, Florissant**	**Mo**
Cutler-Hammer Inc.	411 N 12th St. Milwaukee 1	Wis
Dial Products Co	19 Cottage St, Bayonne	NJ
DYNAMIC INSTRUMENT CORP., Adv Pg 535	**59 New York Ave. Westbury**	**NY**
FAE INSTRUMENT CORP., Adv Pg 428	**Norden La. Huntington Station**	**NY**
Globe Industries, Inc., 1	1784 Stanley Ave. Dayton 4	Ohio
Guidance Controls Corp	110 Duffy Ave. Hicksville	NY
KEARFOTT DIV. GEN PRECISION INC., Adv Pg 394	**Little Falls**	**NJ**
Kinetic Instrument Corp	1070 Linwood St. Brooklyn 8	NY
Magtrol, Inc	240 Seneca St, Buffalo 4	NY
Orbit Instrument Corp	131 Eileen Way, Syosset	NY
OVITRON CORP., Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
Reeves Instrument Corp	Roosevelt Field, Garden City	NY
Simplatrol Products Corp	24 Salisbury St, Worcester	Mass
Sterling Instrument Div	17 Matinecock Ave. Port Washington	NY
TECHNOLOGY INSTRUMENT CORP., Adv Pgs 83, 86	**533 Main St. Acton**	**Mass**
Ultronix Inc	111 E 20th Ave. San Mateo	Cal
Warner Electric Brake & Clutch Co	Beloit	Wisc
Westinghouse-Air Brake & Gearing Div	Buffalo	NY

BRASS & BRONZE
1. BARS & RODS
2. SHEETS
3. STRIP
TUBING See TUBING-METALLIC

American Brazing Alloys Corp., 1	Box 11, Pelham	NY
Anaconda American Brass Co., 1-2-3	414 Meadow St, Waterbury 20	Conn
Anchor Metal Co., 1-2-3	966 Meeker Ave. Brooklyn 22	NY
Bram Metallurgical Chemical Co., 1-2-3	820 65 Ave, Philadelphia 26	Pa
Bridgeport Brass Co., 1-2-3	30 Grand St, Bridgeport	Conn
Bristol Brass Co., 1-2	580 Broad St, Bristol	Conn
Chase Brass & Copper Co., Inc., 1-2-3	236 Grand St, Waterbury 20	Conn
Eaton Mfg. Co., Reliance Div., 1	25 Charles Ave S.E., Massillon	Ohio
Hermes Plastics Inc., 2	154 W 14th St. New York 11	NY
Horton-Angell Co., 1-2-3	27 Bicknell St, Attleboro	Mass
Laminated Shim Co., Inc., 2	4601 Union St, Glenbrook	Conn
LEACH & GARNER CO INDUSTRIAL DIV., 3, Adv Pgs 538, 539	**55 School St. Attleboro**	**Mass**
A.D. Mackay, Inc., 1-2-3	198 Broadway, New York 38	NY
PHELPS DODGE COPPER PRODUCTS CORP., 1-3, Adv Pg 165	**300 Park Ave. New York 22**	**NY**
Revere Copper & Brass, Inc., 1-2-3	230 Park Ave, New York 17	NY
Riverside-Alloy Metal Div., H.K. Porter, Inc., 1-2-3	1 Pavilion Ave, Riverside	NJ
Semi-Alloys Inc., 3	20 McQuesten Pkwy. N, Mt. Vernon	NY
Somers Brass Co., 3	94 Baldwin Ave, Waterbury	Conn
Titan Metal Mfg. Co. Div. Cerro Corp., 1	Bellefonte	Pa

BRAZING ALLOYS See ALLOYS-BRAZING
BRAZING FLUXES See FLUXES
BRAZING PREFORMS See PREFORMS

BREADBOARD KITS -*ELECTRONIC CIRCUITS*

Advanced Electronics Inc	94 Silas Deane Hwy. Rocky Hill	Conn
ALDEN PRODUCTS CO., Adv Pg 359	**112 N Main St. Brockton 64**	**Mass**
ENGINEERED ELECTRONICS CO., Adv Pg 326	**1441 E Chestnut Ave. Santa Ana**	**Cal**
General Electronic Labs, Inc	8521 2nd Ave. Silver Spring	Md
HALLICRAFTERS CO., Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
Lear Inc	3171 S Bundy Dr. Santa Monica	Cal
Marquardt Corp. Pomona Div	2709 N Garey Ave. Pomona	Cal
NAVIGATION COMPUTER CORP., Adv Pg 511	**Valley Forge Ind Park, Norristown**	**Pa**
P I C Design Corp. Sub. Benrus Watch Co	477 Atlantic Ave. E Rockaway	NY
Pomona Electronics Co. Inc	1500 E 9th St. Pomona	Cal
Precision Metal Products Co. Of Malden	41 Elm St, Stoneham 80	Mass
Reeves Instrument Corp	Roosevelt Field, Garden City	NY
Rimak Electronics Inc	10929 Vanowen St. N Hollywood	Cal
SANDERS ASSOCIATES, INC., Adv Pg 380	**95 Canal St. Nashua**	**NH**
Sterling Instrument Div	17 Matinecock Ave. Port Washington	NY
Technicians, Inc	40 Jay St. Englewood	NJ
Topp Industries, Inc	5221 W. 102 St, Los Angeles 45	Cal
UCINITE CO. DIV. UCF, Adv Pg 69	**459 Watertown St. Newtonville**	**Mass**
Vactric (Control Equipment) Ltd	Sloane St. London SW 1	Eng
VECTOR ELECTRONIC CO., Adv Pg 544	**1100 Flower St. Glendale 1**	**Cal**
Wang Laboratories, Inc	12 Huron Dr. Natick	Mass
Wells Electronics Co	1701 S Main St. South Bend 23	Ind

BREADBOARDS -*SERVOSYSTEM*

Di/An Controls, Inc	944 Dorchester Ave. Boston	Mass
Etching Corp. of Cal. Div. Allegri-Tech Inc	865 Hinckley Rd. Burlingame	Cal
GAP INSTRUMENT CORP., Adv Pg 484	**5 Mona St. Newtown**	**Conn**
Guidance Controls Corp	110 Duffy Ave. Hicksville	NY

Lear, Inc	3171 S. Bundy Dr, Santa Monica	Cal
Marquardt Corp. Pomona Div	2709 N Garey Ave. Pomona	Cal
P I C Design Corp. Sub. Benrus Watch Co	477 Atlantic Ave. E Rockway	NY
Precision Mechanisms Corp.	577 Newbridge Ave, East Meadow	NY
Reeves Instrument Corp	Roosevelt Field, Garden City	NY
[illegible] Electronics Inc	1329 Vanowen St. N Hollywood	Cal
SERVO CORP. OF AMERICA, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Servo Development Corp	2 Willis Ct. Hicksville	NY
Servomex Controls Ltd	Crowborough, Sussex, England	
Sterling Instrument Div	17 Matinecock Ave. Port Washington	NY
Vactric (Control Equipment) Ltd	Sloane St. London SW 1	Eng
VECTOR ELECTRONIC CO., Adv Pg 544	**1100 Flower St. Glendale 1**	**Cal**

BREAKDOWN TESTERS See TESTERS–*INSULATION*

BREAKERS–*CIRCUIT*

Allard Instrument Corp	146 E 2nd St. Mineola	NY
Appleton Electric Co	1701 W Wellington, Chicago 13	Ill
BIRNBACH RADIO CO., INC., Adv Pg 529	**145 Hudson St. New York 13**	**NY**
Cutler-Hammer Inc	411 N 12th St. Milwaukee 1	Wis
E-T-A Products Co of America	6284 N. Cicero Ave, Chicago 46	Ill
HALLICRAFTERS CO., Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
Heinemann Electric Co	Rte. 1, Trenton	NJ
Kolton Electric Mfg. Co.	123 New Jersey Railroad Ave, Newark 5	NJ
OVITRON CORP., Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
Sangamo Electric Co	[illegible] N. 11 St. Springfield	Ill
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
Wadsworth Electric Mfg. Co., Inc	20 W. 11th St, Covington	Ky
Westinghouse-Standard Control Div	Beaver	Pa
Wood Electric Corp	44 Broad St. Lynn	Mass

BRIDGES

1. *ADMITTANCE*
2. *CAPACITANCE*
3. *DEVIATION*
4. *IMPEDANCE, A.F. R-F & VHF*
5. *IMPEDANCE, MICROWAVE*
6. *INDUCTANCE*
7. *MUTUAL INDUCTANCE*
8. *POWER, MICROWAVE*
9. *POWER, R-F*
10. *RESISTANCE, VTVM*
11. *RESISTANCE, WHEATSTONE*
12. *SELF-BALANCING*
13. *THERMISTOR*
14. *VACUUM-TUBE & TRANSISTOR COEFFICIENT*

See Also COMPARATORS: METERS: TESTERS

A. O. I. P., 2-3-6-7-11	23 Pl. Jeanne d'Arc, Paris 13	Fr
AIRBORNE INSTRUMENTS LAB. DIV. CUTLER-HAMMER INC., 9, Adv Pg 151	**Comac Rd. Deer Park**	**NY**
ALFORD MFG. CO., 4-5, Adv Pg 78	**299 Atlantic Ave. Boston**	**Mass**
Allegany Instrument Co. Div. Textron Electronics, Inc., 11-12-13	1091 Wills Mountain, Cumberland	Md
Alpha Instrument Co., 2-4-6-11	43 Hempstead St. New London	Conn
AMERICAN ELECTRONIC LABS. INC., 10, Adv Pg 362	**121 N 7th St. Philadelphia 6**	**Pa**
American Mica Insulation Co., 14	235 Parker Ave. Manasquan	NJ
Applied Control Corp., 3-11	1000 Main St. Hackensack	NJ
Applied Technology, Inc., 4	930 Industrial Ave. Palo Alto	Cal
Arnoux Corp., 11-13	11924 W. Washington Blvd, L.A. 66	Cal
Astrosystems Inc., 6	220 E 23rd St. New York 10	NY
Auto Data, 12	Box 9146, San Diego 9	Cal
Avien, Inc., 2-12-13	58-15 Northern Blvd. Woodside 77	NY
AVNET INSTRUMENT CORP., 1-2-4-7-11-14, Adv Pgs 331, 364	**70 State St. Westbury**	**NY**
B & F Instruments Inc., 11-12	3644 N Lawrence St. Philadelphia 40	Pa
B & K Instruments Inc of Bruel & Kjaer, 2-3-6	3018 W 106th St. Cleveland 11	Ohio
Baldwin-Lima-Hamilton Corp., 11	42 Fourth Ave, Waltham 54	Mass
BARNES DEVELOPMENT CO., 2-3-11-12, Adv Pg 414	**213 W Baltimore Pike, Lansdowne**	**Pa**
Bell Inc., F. W., 11	1356 Norton Ave. Columbus 12	Ohio
Biddle Co., James G., 11	1316 Arch St. Philadelphia 7	Pa
BIRD ELECTRONIC CORP., 9, Adv Pg 239	**30303 Aurora Rd. Cleveland 39**	**Ohio**
BOONTON ELECTRONICS CORP., 2-6, Adv Pg 212	**738 Speedwell Ave. Morris Plains**	**NJ**
BOONTON RADIO CORP., 4, Adv Pg 282	**50 Intervale Rd. Boonton**	**NJ**
Bristol Co., 11-12	Box 1790 EBG, Waterbury 20	Conn
Bruel & Kjaer, 2-3-4-6-10	Lindevej 23, Naerum	Denmark
Bruno-New York Industries Corp., 8-9	460 W 34th St. New York 1	NY
CES Electronic Products, 2	Box 7594, San Diego 7	Cal
Calibration Standards Corp., 11	1025 Westminster Ave. Alhambra	Cal
Canadian Marconi, 1-2-4-6-10-14	2444 Trenton Ave. Montreal	Que
Canadian Research Institute, 2-3-6-7-10-11	85 Curlew Dr. Don Mills	Ont
CARBORUNDUM CO. REFRACTORIES DIV., 13, Adv Pgs 104, 105	**Perth Amboy**	**NJ**
Central Scientific Co. Div. Cenco Instr Inc., 11	1700 Irving Park Rd. Chicago 13	Ill
Clough Brengle Co., 2-6-11	6014 N Broadway, Chicago	Ill
Coils-Electronics Co., 6	2939-49 N. 2nd St. Philadelphia 33	Pa
Command Systems Inc., 1-3	1135 N Stanford Ave. Los Angeles 59	Cal
Conrad-Carson Electronics Inc., 10	1347 Broadway, El Cajon	Cal
Consolidated Airborne Systems, 2-3-5-12-13-14	900 3rd Ave. New Hyde Park	NY
Consolidated Resistance Co of America Inc., 11	44 Prospect St, Yonkers	NY
CORNELL-DUBILIER ELECTRONICS DIV. FED PACIFIC ELEC CO., 2-10, Adv Pgs 148, 149	**50 Paris St. Newark 1**	**NJ**
Decker Corp., 2	45 Monument Rd. Bala Cynwyd	Pa
Dielectric Products Engrg. Co. Inc., 4-5-9-11	Raymond	[illegible]
[illegible] Mfg. Co. Inc., 11	68 W Broadway, Yonkers	[illegible]
DOUGLAS MICROWAVE CO. INC., 5-8-9, Adv Pg 235	**252 E 3rd St. Mt Vernon**	**NY**
Dymonics, 3	Box 3676, Columbus 14	Ohio
EIR Corp., 10-11	5177 Overland Ave, Culver City	Cal
EMI-Cossor Electronics Ltd., 4	Box 525 Dartmouth NS	Can
Electrodata Corp., 11	11244 Playa St. Culver City	Cal
ELECTRO IMPULSE LAB. INC., 8-9, Adv Pg 357	**208 River St. Red Bank**	**NJ**
Electro Instruments, Inc., 2-3-4-11	8611 Balboa Ave, San Diego 11	Cal
ELECTRO SCIENTIFIC INDUSTRIES INC., 2-3-4-11, Adv Pg 424	**7524 SW Macadam, Portland 19**	**Ore**
Electronic Applications Inc., 2-3	194 Richmond Hill Ave. Stamford	Conn
ELECTRONIC INSTRUMENT CO. INC., 2, Adv Pg 396	**3300 Northern Blvd. Long Island City**	**NY**
Electronic Measurements Corp., 2	625 Broadway, New York 12	NY
Elettronica Metal Lux S.p.A., 11	Viale Sarca 94, Milan	Italy
Epic, Inc., 2-6-11	150 Nassau St, New York 38	NY
[illegible] Labs, Inc., 11	12 Sheffield Ave, Newport	RI
Erdco Engineering Corp., 2	Addison	Ill
Escotronics, 13	7000 S Vine St. LaGrange	Ill
Evershed & Vignoles Ltd., 11-12	Chiswick, London W. 4, England	
FXR INC., 8, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Ferroxcube Corp. of America, 13	125 E Bridge St. Saugerties	NY
FREED TRANSFORMER CO. INC., 6, Adv Pg 524	**1736 Weirfield St. Brooklyn 27**	**NY**
General Communication Co., 8-13	677 Beacon St. Boston 15	Mass
General Instrument Corp. Harris Transducer Div., 1-4	Woodbury	Conn
General Microwave Corp., 5-8-9-12-13	47 Gazza Blvd. Farmingdale	NY
General Radio Co., 1-2-3-4-5-6-7-10-11-14	West Concord	Mass
GENERAL RESISTANCE INC., 11, Adv Pg 514	**430 Southern Blvd. New York 55**	**NY**
Gertsch Products, Inc., 4-12	3211 S. La Cienega, Los Angeles 16	Cal
GRAY INSTRUMENT CO., 11, Adv Pg 480	**448 Mill Rd. Andalusia**	**Pa**
Guildline Instruments Ltd., 11	Box 99, Smiths Falls	Ont
Guiton Industries, Inc., 2-13	212 Durham Ave. Metuchen	NJ
Hagan Chemicals & Controls Inc., 11-12	Hagan Center, Pittsburgh 30	Pa
Hamilton Standard Div. United Aircraft Corp., 13	Broad Brook	Conn
Hathaway Instruments Inc., 2-5	5800 E Jewell Ave. Denver 22	Colo
Heath Co. A Sub of Daystrom, Inc., 2-4-9-10-11	Benton Harbor	Mich
HEWLETT-PACKARD CO., 4-8-9-10, Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
Indikon Co. Inc., 2	76 Coolidge Hill Rd. Watertown 72	Mass
Industrial Control Co., 2-12	Central at Pinelawn, Farmingdale	NY
Industrial Development Labs., Inc., 2-11-13	982 River Rd, Edgewater	NJ
Industrial Instruments, Inc., 2-3-4-11	89 Commerce Rd. Cedar Grove	NJ
INDUSTRIAL TEST EQUIPMENT CO., 3, Adv Pg 422	**55 E 11th St. New York 3**	**NY**
Industrial Transformer Co., 6	Box 656, West Caldwell	NJ
INTERELECTRONICS CORP., 13, Adv Pg 521	**2432 Grand Concourse, New York 58**	**NY**
Jackson Electrical Instrument Co., 2-10	124 McDonough St. Dayton 2	Ohio
JONES ELECTRONICS CO. INC., M. C., SUB. CORP., 8-9 Adv Pg 131	**185 N Main St. Bristol**	**Conn**
Kahl Scientific Instrument Corp., 13	737 W Main St. El Cajon	Cal
KEARFOTT DIV. GEN PRECISION INC., 12, Adv Pg 394	**Little Falls**	**NJ**
Keithley Instruments, 11	12415 Euclid Ave. Cleveland 6	Ohio
KYORITSU ELECTRICAL INSTRUMENTS WKS. LTD., 10, Adv Pg 254	**120, Nakane-cho, Meguro-ku, Tokyo**	**Jap**
KYORITSU ELECTRICAL WORKS LTD., 4, Adv Pg 260	**551, 4-Chome, Koenji Suginami-ku Tokyo**	**Jap**
Leeds & Northrup Co., 11-12	4970 Stenton Ave. Phila. 44	Pa
MacLeod & Hanopol, Inc., 2	10 Roland St, Charlestown 29	Mass
Magnetico Inc., 6	6 Richter Ct. E Northport	NY
MARCONI INSTRUMENTS, 1-2-4-6-7-11 Adv Pgs 401, 402	**111 Cedar La, Englewood**	**NJ**
Marstan Electronics Corp., 11	204 Babylon Tnpk. Roosevelt	NY
Measurements A McGraw-Edison Div., 9	Boonton	NJ
MICROWAVE CORP. OF AMERICA, 5-8-9, Adv Pg 462	**P.O. Box 278, Stamford**	**Conn**
Microwave Dynamics Corp., 5-8-9-13	5 Fairchild Ct. Plainview	NY
Microwave Semiconductor & Inst. Inc., 8-13	116-06 Myrtle Ave. Richmond Hill 18	NY
Mid-Eastern Electronics, Inc., 11	32 Commerce St, Springfield	NJ
Millen Mfg. Co., James, 4	150 Exchange St, Malden	Mass
Millitest Co., 3-10-11	88 Madison Ave, Hempstead	NY
Millivac Instruments Inc., 10-11	Box 997, Schenectady	NY
Minn-Honeywell, Rubicon Instruments, 11	Ridge at 35 St, Philadelphia 32	Pa
MODEL ENG. & MFG. CORP., 5, Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Molded Insulation Co., 10	335 E Price St. Philadelphia 44	Pa
Moran Instrument Corp., 12	170 E. Orange Grove Ave, Pasadena 3	Cal
Muirhead & Co., Ltd., 2-4-6-10-11	Beckenham, Kent, England	
Nacimco Products, Inc., 11-13	1090 Morena Blvd, San Diego	Cal
Narda Microwave Corp., 5	Plainview	NY
Network Industries Inc., 2	210-216 Durant St. Bayonne	NJ
New England Scientific Instruments Corp., 11	238 Main St. Cambridge 42	Mass
NORTH ATLANTIC INDUSTRIES INC., 4, Adv Pg 344	**Terminal Dr. Plainview**	**NY**
Optimized Devices, Inc., 2-12-14	864 Franklin Ave. Thornwood	NY
Orion Electronic Corp., 8	108 Columbus Ave. Tuckahoe	NY
PRD ELECTRONICS INC., 8, Adv. Pgs. 113-116	**202 Tillary St. Brooklyn 1**	**NY**
Pennsylvania Testing Lab., Inc., 1-2-5-6	Doylestown	Pa
Phillips Electronics Mfg Co., 9	119 Allen Blvd. Farmingdale	NY
PHYSICS RESEARCH LABS. INC., 2-11, Adv Pg 478	**Box 555, Hempstead**	**NY**
Planetronics, Inc., 4	Easton	Pa
POLARAD ELECTRONICS CORP., 8 Adv Pg 269-272	**43-20 34 St. Long Island City 1**	**NY**
R.L.C. Electronics, Inc., 4-9	925 Mamaroneck Ave. Mamaroneck	NY
R-Tronics Corp., 3-11	134-20 Jamaica Ave. Richmond Hill	NY
Radio Corp of America, Electron Tube Div., 10	415 S 5th St. Harrison	NJ
Radiometer, 2-3-4-6-14	72 Emdrupvej, Copenhagen NV 1	For
Rank Cintel Ltd., 2-6-7-10	Worsley Bridge Rd, London S.E. 26, England	
RIXON ELECTRONICS INC., 9, Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
Rodale Electronics, 11	562 Grand Blvd. Westbury	NY
RONDE & SCHWARZ, USA INC., 1-2-3-4-5-6-11, Adv Pg 403	**Box 275, Passaic**	**NJ**
Rosemount Engineering Co., 11	4900 W 78 St. Minneapolis 24	Minn
Scopes Co., Inc., 2-14	P.O. Box 50, [illegible]	NY
Security Controls, Inc., 2	503 Franklin St. Buffalo	NY
SENSITIVE RESEARCH INSTRUMENT CORP., 11, Adv Pg 109	**310 Main St. New Rochelle**	**NY**
SERVO CORP OF AMERICA, 4-13, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Shallcross Mfg. Co., 7-11-12	Selma	NC
Simmonds Precision Prods Inc., 2-12	105 White Plains Rd. Tarrytown	NY
Southern Instruments Ltd., 11	Frimley Rd. Camberley, Surrey	Eng
Sperry Microwave Electronics Co., 5-8-13	P.O. Box 1828, Clearwater	Fla
Sprague Electric Co., 2	125 Marshall St, North Adams	Mass
Stark Electronic Instruments Ltd., 11	Box 670, Ajax	Ont
Sticht Co., Inc., Herman H., 11	27 Park Pl, New York 7	NY
Stony Brook Labs., 2	55 State Rd. Princeton	NJ
Strand Labs. Inc., 5	294 Centre St. Newton	Mass
Summit Electronics, Inc., 13	7 Industrial Pl, Summit	NJ
Sun Electric Co., 12	6323 Avondale St. Chicago 31	Ill
TECHNOLOGY INSTRUMENT CORP. OF ACTON, 4, Adv Pgs 84, 85	**536 Main St. Acton**	**Mass**
Tektron Instrument Co., 11	26225 NW Cornell Rd. Hillsboro	Ore
Telectro Industries Corp., 11	35-16 – 37th St. Long Island City 1	NY
Telex, 10	Telex Park, St Paul 1	Minn
Thermo Electric Co. Inc., 11-12	109 5th St. Saddle Brook	NJ
Thermovolt Instruments Ltd., 10-11	70 Advance Rd. Toronto 18	Ont
Trans-Sonics, Inc., 3	Box 328, Lexington 73	Mass
United Control Corp., 11	Overlake Ind Pk. Box 3104, Seattle	Wash
United Mineral & Chemical Corp., 2-4-11	16 Hudson St. New York 13	NY
United Shoe Machinery Corp., 8	140 Federal St. Boston	Mass
Varian Associates, 4	611 Hansen Way, Palo Alto	Cal
Victory Engineering Corp., 13	101 Springfield Rd, Union	NJ
Waber Electronics, Inc., 13	Hancock & Somerset, Philadelphia 33	Pa
Wayne Kerr Corp., 1-2-4-6-7	1633 Race St. Philadelphia 3	Pa
WEINSCHEL ENGINEERING CO., INC., 8-9-13, Adv Pgs 51-54, 55	**10503 Metropolitan Ave, Kensington**	**Md**
Welch Scientific Co., 2-11	1515 Sedgwick St. Chicago 10	Ill
Winder Aircraft Corp., 1-2-3-4-5-6-7-8-9-14	Dunnellon Air Base, Dunnellon	Fla

BROADCAST INPUT CONTROL EQUIPMENT See AMPLIFIERS–A-F
BROADCAST RECEIVERS See RECEIVERS–*RADIO. ENTERTAINMENT*
BROADCAST TRANSMITTERS See TRANSMITTERS–*BROADCAST*
BRONZE See BRASS & BRONZE: PHOSPHOR BRONZE

BRUSHES

1. CARBON 2. GRAPHITE 3. METAL-GRAPHITE 4. METAL

AIRFLYTE ELECTRONICS CO., 4, Adv Pg 342	**535-9 Avenue A, Bayonne**	**NJ**
Becker Brothers Carbon Co., 1-2-3-4	3450 S. Laramie Ave, Cicero 50	Ill
Brainin Corp., C. S., 4	322 Washington St. Mt. Vernon	NY
Eagle Electric Mfg. Co., Inc., 1	23-10 Bridge Plaza S., L.I. City	NY
Electro Development Co., 3-4	14701 Keswick St, Van Nuys	Cal
Engelhard Industries Inc., 4	113 Astor St. Newark 2	NJ
Engineering Science Div Amer Metal Pdts Co., 1-2-3	2601 S State St. Ann Arbor	Mich
GENERAL FINDINGS INC. INDUSTRIAL DIV., 4, Adv Pgs 538, 539	**55 School St. Attleboro**	**Mass**
GIBSON ELECTRIC CO., 3-4, Adv Pg 462	**P O Box 535, Delmont**	**Pa**
GRAPHITE METALLIZING CORP., 1-2-3, Adv Pg 273	**1052 Nepperhan Ave. Yonkers**	**NY**
Heinz-Mueller Eng Co. Inc., 1-2-3	4725 Iowa St. Chicago 51	Ill
Helwig Carbon Products, Inc., 1-2-3	2560 N 30th St. Milwaukee 10	Wis
National Carbon Co., Div., UCC, 1-2-3	270 Park Ave, New York 17	NY
Ohio Carbon Co., 1-2-3-4	12508 Berea Rd, Cleveland 11	Ohio
Pure Carbon Co., 1-2-3	Wellsville St, St. Marys	Pa
St. Marys Carbon Co., 1-2-3-4	State Rd, St. Marys	Pa
Semi-Alloys Inc., 4	20 McQueston Pkwy. N, Mt. Vernon	NY
Slip Ring Co. of America, 2-3-4	3612 W Jefferson Blvd. Los Angeles 16	Cal
Stackpole Carbon Co., 1-2-3	201 Stackpole St, St. Marys	Pa
Superior Carbon Products Co., 1-2-3-4	9115 George Ave, Cleveland 5	Ohio
Unison Products, Inc., 4	1634 Marion St. Grand Haven	Mich
United Carbon Products Co., 1-2	1310 N Madison St. Bay City	Mich

BUILT-IN ANTENNAS See ANTENNAS–*RADIO RECEIVING*: ANTENNAS–*TV, BUILT-IN*
BULBS See LAMPS
BULBS–*TUBE* See TUBE PARTS
BULKHEAD FLANGES See FLANGES
BURGLAR ALARMS See DETECTORS–*INTRUSION*
BURIED METAL DETECTORS See DETECTORS–*METAL*

BURNERS–*GAS-FIRED*

American Gas Furnace Co	130 Spring St. Elizabeth	NJ
Central Scientific Co. Div. Cenco Instr Inc	1700 Irving Park Rd. Chicago 13	Ill
KAHLE ENGINEERING CO Adv Pg 98	**3322 Hudson St, Union City**	**NJ**
MASTER ETCHING MACHINE CO., Adv Pgs 527, 528	**127 Greenwood Ave. Wyncote**	**Pa**
Selas Corp of America	Dresher	Pa

BUS BAR SYSTEMS

Chase Brass & Copper Co. Inc	236 Grand St. Waterbury 20	Conn
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
General Electric Co. Distribution Assemblies Dept	41 Woodford Ave. Plainville	Conn

BUSHINGS

1. HERMETICALLY SEALED 2. METAL 3. NONMETALLIC

A. P. M. CORP., 1, Adv Pg 542	**41 Honeck St. Englewood**	**NJ**
Ace Plastic Co., 3	91-54 Van Wyck Expwy, Jamaica 35	NY
Acme Industrial Co., 2	202 N Laflin St. Chicago	Ill
Adalst Mfg. Co., 3	14300 Lorain Ave, Cleveland 11	Ohio
Alite Div. U.S. Stoneware Co., 1-3	Box 119, Orrville	Ohio
Allegheny Plastics Inc., 3	10 Thorn Run Rd. Coraopolis	Pa
American Feldmuehle Corp., 1	11 W. 42nd St, New York 36	NY
AMERICAN LAVA CORP., 1-3, Adv Pg 237	**Cherokee & Mfgrs Rd. Chattanooga 5**	**Tenn**
American Quartz Labs, Inc., 3	Garrison	NY
Arnoux Corp., 1	11924 W. Washington Blvd, L.A. 66	Cal
Atlantic India Rubber Works, Inc., 3	571 W. Polk St, Chicago 7	Ill
Atmo Seal Co., 1	4321 Fielding St. Cincinnati 9	Ohio
Auburn Mfg. Co., The, 3	Pease Ave & Stack St. Middletown	Conn
Beemer Engineering Co., 2	Industrial Park, Fort Washington	Pa
BIRNBACH RADIO CO., INC., 2-3, Adv Pg 529	**145 Hudson St. New York 13**	**NY**
Boney Mfg. Corp., 3	146 Main St, Maynard	Mass
CFI CORP., 1-3, Adv Pg 294	**Cottage Pl. Mineola**	**NY**
Carmer Industries, Inc., 3	22 N. 26 St, Kenilworth	NJ
Carvil Technical Ceramics Inc., 1-2-3	801-23rd St. Union City	NJ
Ceramaseal, Inc., 1	P.O. Box 25, New Lebanon Center	NY
Ceramco Inc., Chemists, 1	173 Ridge St, Newark 4	NJ
Chase Brass & Copper Co., Inc., 2	236 Grand St, Waterbury 20	Conn
Chemplast, Inc., 3	3 Central Ave, East Newark	NJ
Cleveland Graphite Bronze Div. Clevite Corp., 2	17000 St. Clair Ave. Cleveland 10	Ohio
Cleveland Mica Co., 3	1360 Hird Ave. Lakewood	Ohio
Components for Research Inc., 1-3	979 Commercial St. Palo Alto	Cal
Corning Glass Works, Corning Electronic Components, 3	550 High St. Bradford	Pa
Cortland Industries, Inc., 3	4545 Cortland St, Chicago 39	Ill
Cosmo Plastics Co., 3	3239 W 14 St. Cleveland	Ohio
Cox Manufacturing Co., 2	807 Fredericksburg, San Antonio 1	Tex
Culbertson Products, Inc., 1	25 Samson Ave, Madison	NJ
Division Lead Co., 2	7742 W. 61st Pl, Summit	Ill
Dixon Corp., 3	19-21 Burnside St. Bristol	RI
Eagle Electric Mfg. Co., Inc., 2-3	23-10 Bridge Plaza S., L.I. City	NY
Electro-Ceramics, Inc., 3	2645 S 2nd W. Salt Lake City 15	Utah
Emerson Plastics Corp., 3	1383 Seabury Ave, Bronx 61	NY

Emmco Plastics Corp., 3	88 Vine St. Everett	Mass
Enflo Corp., 3	Fellowship Rd, Rt. 73, Maple Shade	NJ
Eugene Engineering Co. Inc., 2	1217 Hyde Park Ave. Hyde Park 36	Mass
Everett Tool & Die Corp., 2-3	213 E. 144th St, New York 51	NY
Franklin Fibre Lamitex Corp., 3	P.O. Box 1768, Wilmington	Del
Gemex Corp, Industrial Div., 2	1208 Commerce Ave. Union	NJ
GENERAL CERAMICS DIV. INDIANA GENERAL CORP., 1-3, Adv Pg 77	**Keasbey**	**NJ**
General Gaskets Inc., 3	Middletown	Conn
Gladding, McBean & Co., 1-3	[illegible] Fremont St, Monrovia	Cal
Goe Engineering Co., 2	219 S Mednik Ave. Los Angeles 22	Cal
GRAPHITE METALLIZING CORP., 3, Adv Pg 273	**1052 Nepperhan Ave. Yonkers**	**NY**
Haynes Stellite Co. Div. UCC, 2	1020 W Park Ave. Kokomo	Ind
Henry & Miller Industries, Inc., 2	675 Garfield Ave, Jersey City 5	NJ
Hermetite Co. Inc., 1	1101 N Main St. Elkhart	Ind
Hermetite Corp., 1	100 Ledge Dr. Avon	Mass
HEYMAN MFG. CO., 3, Adv Pg 582	**Kenilworth 2**	**NJ**
I. E. Manufacturing, 2	3041 Carroll, Chicago 12	Ill
Industrial Electronic Rubber Co., 3	[illegible] Aurora Rd. Solon	Ohio
Insulation Manufacturers Corp., 3	565 W. Washington Blvd, Chicago 6	Ill
Isolantite Mfg. Corp., 1	Stirling	NJ
Jadow Inc., B., 2-3	860 Broadway, New York 3	NY
Jan Hardware Mfg Co. Inc., 2-3	38-01 Queens Blvd. Long Island City 1	NY
Johns-Manville, 3	22 E. 40 St, New York 16	NY
Keystone Electronics Corp., 2-3	49 Bleecker St, New York 12	NY
Kirchberger & Co., Inc., M., 3	248 Humphrey St, Englewood	NJ
LAPP INSULATOR CO. INC. RADIO SPECIALITIES DIV., 1-3 Adv Pgs 340, 341	**31 Gilbert St. Le Roy**	**NY**
Lundey Associates, Inc., 1-3	694 Main St. Waltham 54	Mass
Minn-Honeywell, Ceramics Lab., 1-3	Box 44, Minneapolis 40	Minn
Molding Corp. of America, 3	42 Church St. Pawtucket	RI
National Vulcanized Fibre Co., 3	Box 311, Wilmington 99	Del
Nelson Electric Mfg Co., 3	Box 5395, Tulsa 16	Okla
Norma Labs, Inc., 3	8 Lawrence St. Belleville 7	NJ
Nutmeg Screw Machine Products Co., 2	Box 1475, Waterbury	Conn
Nylite Corp of America, 3	212 Badger Ave, Newark 8	NJ
Ohio Carbon Co., 3	12508 Berea Rd, Cleveland 11	Ohio
Pennsylvania Fluorocarbon Co. Inc., 3	1115 N 38th St. Philadelphia 4	Pa
Polymer Corp., 3	2120 Fairmont Ave. Reading	Pa
Pure Carbon Co., 3	Hallsville St, St. Marys	Pa
Red Devil Mfg Co	1400 N Ogden Ave. Chicago 22	Ill
RESDEL CORP., 3 Adv Pg 519	**P.O. Box 217, Rio Grande**	**NJ**
Research Development Mfg. Inc., 2	429 E Collom St. Phila. 44	Pa
Richardson Co., The, 3	2787 Lake St. Melrose Park	Ill
Rimak Electronics Inc., 2	10929 Vanowen St. N Hollywood	Cal
Roberts Toledo Rubber Co., 3	4141 Monroe St. Toledo	Ohio
Rosan, Inc., 2	2901 W. Coast Hwy, Newport Beach	Cal
Rubbercraft Corp of Calif., 3	1800 W 220 St. Torrance	Cal
St. Marys Carbon Co., 2-3	State Rd, St. Marys	Pa
Semi-Alloys Inc., 2	20 McQuesten Pkwy. N, Mt. Vernon	NY
Silicone Insulation, Inc., 3	1305 Seabury Ave. Bronx 61	NY
Sinclair Mfg Co., 2-3	Chartley	Mass
Smith, Inc. Herman H., 2-3	2326 Nostrand Ave. Brooklyn 10	NY
Spaulding Fibre Co., Inc., 3	310 Wheeler St, Tonawanda	NY
Sound Electronics Inc., 2-3	177 Mill La. Mountainside	NJ
Stewart Rubber Co., 3	160 Northfield Rd, Bedford	Ohio
SUPERIOR STEATITE & CERAMIC CORP., 3, Adv Pg 536	**83-91 W Forest Ave. Englewood**	**NJ**
Swenson Co., Inc., V.H., 3	552 Elm St, Kearny	NJ
Taylor Fibre Co., 3	Norristown 51	Pa
Thor Ceramics, Inc. 1-3	225 Belleville Ave, Bloomfield	NJ
United Fabricators Electronics, Inc., 3	Stillwater	Minn
United Products Co., 1-2-3	165 Franklin Ave. Nutley 10	NJ
U.S. Graphite Co., Div. The Wickes Corp., 2-3	Saginaw 32	Mich
Vernay Labs. Inc., 3	Yellow Springs	Ohio
Waterbury Companies, Inc., 2-3	Waterbury 20	Conn
Wilmington Fibre Specialty Co., 3	New Castle 6	Del
Wright Washer Mfg. Co., 2	2264 S Bay St. Milwaukee 7	Wis
Zierick Inc., 2	612 W Monroe St. Chicago 6	Ill

BUTTON STEMS *See* TUBE PARTS
BUZZERS *See* ANNUNCIATORS – *AURAL*

CABINETS – *METAL*

A A Metal Products, Inc	154 Elliot St, Brattleboro	Vt
ACF Electronics Div	Riverdale	Md
ABALON PRECISION MFG CORP., Adv Pg 539	**540 Casanova St. New York 59**	**NY**
AD-YU ELECTRONICS LAB. INC., Adv Pg 522	**249-259 Terhune Ave. Passaic**	**NJ**
Aircraft Armaments, Inc	Cockeysville	Md
Akro-Mils, Inc	P.O. Box 989, Akron 9	Ohio
ALDEN PRODUCTS CO., Adv Pg 359	**112 N Main St. Brockton 64**	**Mass**
Algo, Inc	251 West St, South Hackensack	NJ
Allied Engineering & Production Corp	2421 Blanding Ave. Alameda	Cal
Alpitec Inc	49 Gleason Ave, Stamford	Conn
Ames Engineering Co	7333 W. Ainslie St, Chicago 31	Ill
American Aluminum Co	[illegible] Sheffield St. -C, Mountainside	NJ
American Machine & Foundry Co., Government Products Group	1701 K St, N.W., Washington 6	DC
Anchor Specialty Mfg. Co., Inc	300 Hollister Rd, Teterboro	NJ
Artisan Metal Works Co	11410 Madison Ave, Cleveland 2	Ohio
Arvin Industries Inc	Columbus	Ind
Aurora Equipment Co	Aurora	Ill
Avco Corp., Crosley Div	1329 Arlington St, Cincinnati 25	Ohio
AVNET INSTRUMENT CORP., Adv Pgs 331, 364	**70 State St. Westbury**	**NY**
Baker Co. Inc	106 Granite St. Biddeford	Me
Baltic Metal Products Co	126 Sutton St, Brooklyn 22	NY
Bay Products Div. Acme Metal Wks Inc	1835 W Cambria St. Philadelphia 32	Pa
Bennett Mfg. Co. Inc	Railroad St. Alden	NY
Brooks & Perkins, Inc	1950 W. Fort St, Detroit 16	Mich
BUD RADIO INC., Adv Pg 343	**2118 E 55th St. Cleveland 3**	**Ohio**
California Chassis Co	5445 E Century Blvd. Lynwood	Cal
Campro Products, Inc	3133 Alliance Rd N.E., Canton 1	Ohio
Chisholm Industries, Ltd	Electronic St, Port Moody, B.C. Canada	
CHRISTMAN INDUSTRIES INC., Adv Pg 476	**1562 61st St. Brooklyn**	**NY**
CHURCHILL LIGHTING CORP., Adv Pg 533	**344 Franklin St. Melrose 76**	**Mass**
Columbia Metal Box Co	260 E. 143 St, New York	NY
Control Devices, Inc	925 S. Eton Rd, Birmingham	Mich
Controlled Atmosphere Enclosures Mfg. Co	1361 E. 8th St, Jacksonville 6	Fla
Craig Systems, Inc	360 Merrimack St, Lawrence	Mass
Cronium, Inc	6247 Howard St, Chicago 48	Ill
Cutler Metal Products Co	1025 Line St, Camden	NJ
Dahlstrom Manufacturing Corp.	Jamestown	NY
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
Dolin Metal Products, Inc	315 Lexington Ave, Brooklyn	NY
Donnelly Mfg. Co	580 Winter St, Waltham 54	Mass
Electro-Chemical Engraving Co Inc	1100 Brook Ave, New York 56	NY
Electro-Rack, Inc.	11501 Jefferson Blvd. Culver City	Cal
Electronic Enclosures, Inc	3629 Holdrege Ave, Los Angeles 16	Cal
Elgin Metalformers Corp	630 Congdon Ave, Elgin	Ill
Elzee Metal Products Co., Inc	779 39th St, Brooklyn 32	NY
Engineering Science Div Amer Metal Pdts Co	2[illegible] S State St, Ann Arbor	Mich
Equipto Electronics Corp	319 N Webster St. Naperville	Ill
Erwood Inc	1770 Berteau Ave, Chicago 13	Ill
Escotronics	7000 S Vine St. LaGrange	Ill
Eugene Engineering Co., Inc	1217 Hyde Park Ave, Hyde Park 36	Mass
Falls Metal Works, Ltd	414 Main St, Little Falls	NJ
Falstrom Co	44 Falstrom Ct, Passaic	NJ
Farwell Metal Fabricating	87 W. Fairfield Ave, St. Paul 7	Minn
FORMICA METAL PRODUCTS CO., Adv Pg 524	**Corporation Way, Medford**	**Mass**
Forweld Products Co	1530 Coit Ave, Cleveland 12	Ohio
GB Electronics Corp. Sub. Gen Bronze Corp	711 Stewart Ave. Garden City	NY
General Metal Products Co	Easton	Pa
Glenair, Inc., 2	1211 Airway, Glendale	Cal
Golden Co.	1054-38th St, Brooklyn 19	NY
Golding Mfg. Co	90 Poreta Ave. North Arlington	NJ
Goldsman Co	1328-34 N 4th St. Philadelphia 22	Pa
Green Rectifier Co	1-10 30th St. Fair Lawn	NJ
Hake Products, Inc	6152 Wasigo Dr. Cincinnati	Ohio
Halliburton Enterprises, Inc. Mfg Div	4724 S Boyle Ave. Los Angeles 58	Cal
Hamilton Mfg. Co	Two Rivers	Wisc
Hammond Mfg Co. Ltd	Guelph	Ont
Haydon Corp	400 W 202nd St. New York 34	NY
Heldor Electronics Mfg. Corp	238 Lewis St. Paterson	NJ
Henry & Miller Industries, Inc	675 Garfield Ave, Jersey City 5	NJ
Hoffman Engineering Corp	Anoka	Minn
Holden-Hussey Corp	140 Allen Blvd, Farmingdale	NY
Huenefeld Co	270[illegible] Spring Grove Ave, Cincinnati 25	Ohio
I. E. Manufacturing	3041 Carroll, Chicago 12	Ill
ITT Federal Labs Div. ITT Corp	500 Washington Ave. Nutley	NJ
INGERSOLL PRODUCTS, DIV. BORG-WARNER CORP., Adv Pg 410	**1000 W 120th St. Chicago**	**Ill**
Jandor, Inc	428 Salem Ave, Dayton 6	Ohio
Kees Mfg. Co., F.D.	702 Park St, Beatrice	Neb
Keystone Mfg. Co	23328 Sherwood Rd. Warren	Mich
Kinetron Corp	Shrewsbury & Patterson, Red Bank	NJ
Kleer-Vue Mfg. Co. Inc	Box 10326, Pittsburgh 34	Pa
Leitch-Huard Corp	Stark & Commercial Sts. Manchester	NH
Lynch Mfg. Co., R.H.	7831 E. Arroyo Dr, South San Gabriel	Cal
Lyon Metal Products, Inc	33 Railroad Ave. Aurora	Ill
M M ENCLOSURES INC., Adv Pg 552	**111 Bloomingdale Rd. Hicksville**	**NY**
Machinery Electrification, Inc	56 Hudson St. Northboro	Mass
MAGNETICS INC. IND. CONTROL EQUIP., Adv Pg 274	**Butler**	**Pa**
Meridian Metalcraft, Inc	8739 S. Millergrove Dr, Whittier	Cal
Metal Fabricators Corp.	63 Pond St, Waltham 54	Mass
Metal Works, Inc	9th & Jefferson, Hermann	Mo
Midwest Metal Products, Inc	450 E. Donovan Rd, Kansas City 15	Kan
Mobil Electronics, Inc	1111 State Rd 67E, Anderson	Ind
Muckle Mfg. Co	Prinzing Rd, Owatonna	Minn
Nelson Electric Mfg. Co	P.O. Box 5395, Tulsa 16	Okla
New Bruswick Sheet Metal Works	425 Cleveland Ave, Highland Park	NJ
Newcomb Audio Products Co	6824 Lexington Ave. Hollywood 38	Cal
NORTHEASTERN ENGINEERING INC., Adv Pgs 289-292	**P. O. Box 150, Manchester**	**NH**
P.B.R. Mfg. Co	H & Luzerne Sts, Philadelphia 24	Pa
Par-Metal Products Corp	32-62 49th St, Long Island City 3	NY
Pearce Simpson, Inc	2295 N.W. 14th St, Miami 35	Fla
PENNWOOD NUMECHRON CO Adv Pg 550	**7249 Frankstown Ave. Pittsburgh 8**	**Pa**
Portland Industries Corp	South Portland	Me
Precision Scientific Co	3737 W. Cortland, Chicago 47	Ill
PREMIER METAL PRODUCTS CO Adv Pg 314	**337 Manida St. Bronx 59**	**NY**
Radiaphone Co. Inc	602 E Evergreen St. Monrovia	Cal
Republic Steel Corp	Republic Bldg. Cleveland 1	Ohio
Research Inc	Box 6164, Edina Br. Mnpls 24	Minn
Riester & Thesmacher Co	1510 W. 25th St, Cleveland 13	Ohio
Rimak Electronics Inc	10929 Vanowen St. N Hollywood	Cal
Royal Metal Mfg Co	1 Park Ave. New York 16	NY
Skydyne, Inc	River Rd, Port Jervis	NY
STAFFORD MFG. CO. INC., Adv Pg 124	**145 58th St. Brooklyn 20**	**NY**
Standard Pressed Steel Co	P.O. Box 775, Jenkintown	Pa
Stantron Div. Wyco Metal Products	6918 Beck Ave. North Hollywood	Cal
Taffet Electronics Inc	2705 Bklyn-Qns Exp W, Woodside 77	NY
Teiner Co. Inc., Roland	134 Tremont St. Everett 49	Mass
Topatron, Inc	11[illegible]1 Anabel Ave. Garden Grove	Cal
Topper Mfg Co. Inc	84-56 Parsons Blvd. Jamaica 32	NY
Transval Electronics Corp	2030 Maple Ave, El Segundo	Cal
U. S. Instrument Corp	Box 1295BG, Charlottesville	Va
Universal Match Corp. Armament Div	472 Paul Ave. St Louis 35	Mo
Warren Mfg. Co., Inc	Newtown Rd, Littleton	Mass
Washington Aluminum Co. Inc	Pa RR & Knecht Ave. Baltimore 29	Md
WATSON MFG. CO. INC., Adv Pg 557	**4700 Taylor St. Jamestown**	**NY**
Wells Industries Corp	6580 Troost Ave, North Hollywood	Cal
WESTERN DEVICES INC., Adv Pg 64	**[illegible] W Florence Ave. Inglewood**	**Cal**
Winder Aircraft Corp	Dunnellon Air Base, Dunnellon	Fla
Wright Line Div. Barry-Wright Corp	160 Gold Star Blvd. Worcester 6	Mass
Wyco Metal Products	6918 Beck Ave, North Hollywood	Cal
York-Hoover Corp	York	Pa
York Metal Products, Inc	350 Greenwich St, New York 13	NY
Zero Mfg. Co	1121 Chestnut St, Burbank 71	Cal

CABINETS – *PLASTIC*

Air Control, Inc	450 Narberth Ave, Narberth	Pa
Akro-Mils, Inc	P.O. Box 989, Akron 9	Ohio
Allied Engineering & Production Corp	2421 Blanding Ave. Alameda	Cal
Alton Products	23[illegible] Bergen Ave, Brooklyn 14	NY
Anchor Specialty Mfg. Co., Inc	300 Hollister Rd, Teterboro	NJ
Arvin Industries Inc	Columbus	Ind
Atkins & Merrill Inc	49 Post Rd, S Sudbury	Mass
Boonton Molding Co	Boonton	NJ
Brithart Plastics Corp	Old Country Rd, Mineola	NY
Campro Products, Inc	3313 Alliance Rd N.E., Canton 1	Ohio
Controlled Atmosphere Enclosures Mfg. Co	1361 E. 8th St, Jacksonville 6	Fla
Davies Molding Co., Harry	1428 N Wells St, Chicago 10	Ill
Erwood Inc	1770 Berteau Ave. Chicago 13	Ill
Eugene Engineering Co., Inc	1217 Hyde Park Ave, Hyde Park 36	Mass
Hake Products, Inc	6152 Wasigo Dr. Cincinnati	Ohio
Kerrco Inc	Box 417L, Havelock Sta. Lincoln 7	Neb
Kleer-Vue Mfg. Co. Inc	Box 10326, Pittsburgh 34	Pa
Koch & Sons, Inc., H.	Corte Madera	Cal
PACKARD-BELL ELECTRONICS CORP. TECHNICAL PRODUCTS DIV., Adv Pg 49	**12333 W Olympic Blvd, Los Angeles 34**	**Cal**
Pearce Simpson, Inc	2295 N.W. 14th St, Miami 35	Fla
Powers Co. J. J.	818 N 22nd Ave. Melrose Park	Ill
Remler Co.	2101 Bryant St San Francisco 10	Cal
Rimak Electronics Inc	10929 Vanowen St. N Hollywood	Cal
Romar Plastics Inc	1311 E Main St, St. Charles	Ill
Ross Co., Milton	239 Jacksonville Rd, Hatboro	Pa
Skydyne, Inc	River Rd, Port Jervis	NY
Swenson Co., Inc., V.H	552 Elm St, Kearny	NJ
Walder Electronics, Inc	4621 W. 53rd St, Chicago 32	Ill
Winder Aircraft Corp	Dunnellon Air Base, Dunnellon	Fla
Zenith Plastic Co	P.O. Box 91, Gardena	Cal

CABINETS PORTABLE CASES *See* CASES-PORTABLE
CABINETS – *SPEAKER* *See* BAFFLES

CABINETS – *WOOD*

Allied Radio Corp	100 N Western Ave. Chicago 80	Ill
Altec Lansing Corp	1515 S Manchester Ave. Anaheim	Cal
Calbest Electronics Co	4801 Exposition Blvd, Los Angeles 16	Cal
Cambridge Pattern Works, Inc	55 First St, Cambridge 41	Mass
Chisholm Industries, Ltd	Electronic St, Port Moody, B.C. Canada	
Goldsman Co	1328-34 N. 4th St, Philadelphia 22	Pa
Hamilton Mfg Co	Two Rivers	Wis
Horton & Hubbard Mfg. Co	141 Canal St, Nashua	NH
Mastra Co	2104 Superior Ave, Cleveland	Ohio
PACKARD-BELL ELECTRONICS CORP. TECHNICAL PRODUCTS DIV., Adv Pg 49	**12333 W Olympic Blvd. Los Angeles 64**	**Cal**
Parkway Specialties Co	22519 Plymouth Rd, Detroit 39	Mich
Phonograph Corp. of America	248A Old Country Rd. Hicksville	NY
Radio Mfg. Engineers, Div., Electro Voice, Inc	Buchanan	Mich
Sparton Corp	2400 E Ganson St. Jackson	Mich
Steger Furniture Mfg. Co	3337 Chicago Rd, Steger	Ill
University Loudspeakers Inc	80 S Kensico Ave. White Plains	NY
Wells Electronics Co	1701 S Main St. South Bend 23	Ind
Wintronics	213 S Hawthorne Blvd. Hawthorne	Cal

CABLE *See Also* WIRE

CABLE ASSEMBLIES *(WITH CONNECTORS)* *See Also* HARNESSES

ACF Electronics Div	Riverdale	Md
A-K Mfg. Co. Inc	412 S Hager Ave. Barrington	Ill
Advanced Electronics Inc	94 Silas Deane Hwy. Rocky Hill	Conn
Aerolite Electronics Corp	2207 Summit Ave, Union City	NJ
American Electric Cable Co	183 Appleton St, Holyoke	Mass
Anton Electronic Labs Inc. Div. Lionel Corp	1226 Flushing Ave. Brooklyn 37	NY
Arnoux Corp	11924 W. Washington Blvd, L.A. 66	Cal
Audiosears Corp	Stepard Hill Rd, Roxbury	NY
Beckley Electric Co	466 Grand Ave. Brooklyn	NY
Bergen Wire Rope Co	456 Gregg St, Lodi	NJ
BIRNBACH RADIO CO. INC., Adv Pg 529	**145 Hudson St. New York 13**	**NY**
Boston Insulated Wire & Cable Co	63 Bay St. Boston 25	Mass
Breeze Corps., Inc	700 Liberty Ave, Union	NJ
Brew & Co. Inc., Richard D	90 Airport Rd. Concord	NH
Burndy Corp. Omaton Div	Box 817, Toledo 1	Ohio
CBC Electronics Co. Inc	2601 N Howard St. Philadelphia 33	Pa
Cable Designs, Inc	66 Rushmore St, Westbury	NY
Cable Electric Products	234 Daboll St, Providence	RI
Cable Specialists of Connecticut	95 Kitts La, Newington 11	Conn
Cadre Industries Corp	P.O. Box 150, Endicott	NY
Calbest Electronics Co	4801 Exposition Blvd. Los Angeles 16	Cal
COLEMAN WIRE & CABLE CO., Adv Pg 521	**1911 N River Rd. River Grove**	**Ill**
COLUMBIA WIRE & SUPPLY CO., Adv Pg 478	**2850 Irving Park Rd. Chicago**	**Ill**
Consolidated Wire & Associated Cos	1635 S Clinton St. Chicago 16	Ill
Co-Operative Industries, Inc	100 Oakdale Rd. Chester	NJ
Cornish Wire Co	50 Church St. New York 7	NY
Di/An Controls, Inc	944 Dorchester Ave. Boston	Mass
Dwyer Engineering Co., Inc	Airport Rd, Nashua	NH
Eagle Electric Mfg. Co. Inc	23-10 Bridge Plaza S, L. I. City	NY
Electromath Corp	115 Pleasant Ave, Roosevelt	NY
Electronic Cable Corp	126 Jackson St. Cambridge 40	Mass
Electropac, Inc.	62 Union St. Peterborough	NH
Empire Electronics Co., Inc	60 Spruce St, Paterson 1	NJ
Garrett Corp., The	9851 Sepulveda Blvd, Los Angeles 45	Cal
Holyoke Wire & Cable Co	720 Main St. Holyoke	Mass
ITI Electronics Inc	369 Lexington Ave. Clifton	NJ
Jenco Corp	3111 Winona Ave. Burbank	Cal
Keisers Industries, Inc	Lemoe St, Mt. Holly Springs	Pa
Land-Air, Inc.	7444 W. Wilson Ave, Chicago 31	Ill
Mercury Engineering Corp	337 E. Cottage Pl, York	Pa
Midwest Audio Corp	3800 W North Ave. Chicago 47	Ill
Minn-Honeywell, Appar Controls Div	2753 4th Ave. S, Minneapolis 8	Minn
Missile Systems Corp	11949 Vose St, North Hollywood	Cal
MODEL ENG. & MFG. CORP., Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Mutron Corp	125 Perkins Ave, Brockton	Mass
Pearce Simpson, Inc	2295 NW 14th St. Miami 35	Fla
Permoflux Mfg Co	910 W Jackson Blvd. Chicago 7	Ill
Phalo Plastics Corp.	530 Boston Tnpk. Shrewsbury	Mass
RECTICO INC Adv Pg 549	**20 Factory St. Cedar Grove**	**NJ**
Robertshaw-Fulton Controls Co., Aero & Instr Div	Santa Ana Freeway at Euclid, Anaheim	Cal
Ross Co., Milton	239 Jacksonville Rd, Hatboro	Pa
Runzel Cord & Wire Co	4723 W Montrose Ave. Chicago 41	Ill
Sierra Engineering Co	123 E Montecito Ave. Sierra Madre	Cal
Sittler Corp.	11 N Ada St. Chicago 7	Ill
Smith Mfg. Co., J&H	Little Britain Rd, Newburgh	NY
Speed Electronics Inc	177 Mill La. Mountainside	NJ
SURPRENANT MFG CO., Adv Pg 477	**Clinton**	**Mass**
Taffet Electronics Inc	2705 Bklyn-Qns Exp W, Woodside 77	NY

TENSOLITE INSULATED WIRE CO. INC., 1 Adv Pg 293	W Main St. Tarrytown	NY
Topper Mfg Co. Inc	84-56 Parsons Blvd. Jamaica 32	NY
Torrington Co	59 Field St. Torrington	Conn
Transval Electronics Corp	2030 Maple Ave, El Segundo	Cal
Tri-Dex Co	P.O. Box 1207, Lindsay	Cal
UCINITE CO. DIV. UCF, Adv Pg 69	459 Watertown St. Newtonville	Mass
Universal Match Corp. Armament Div	472 Paul Ave. St Louis 35	Mo
Univox Corp	102 Warren St. New York 7	NY
Victor R. F. & Microwave Co	38 W Water St. Wakefield	Mass
WHEELER ELECTRONIC CORP. SUB. SPERRY RAND CORP., Adv Pg 498	150 E Aurora St. Waterbury 20	Conn
Whitaker Cable Corp	Kansas City 16	Mo
Winder Aircraft Corp	Dunnellon Air Base, Dunnellon	Fla
Zoron Inc	612 W Monroe St. Chicago 6	Ill

CABLE CLAMPS See CLAMPS
CABLE-FAULT LOCATORS See LOCATORS-*CABLE & LINE FAULT*
CABLE LOCATORS See LOCATORS-*PIPE & CABLE*
CABLE REELS-*RETRACTILE* See REELS

CABLES-*COAXIAL*

1. FLEXIBLE, SEMI-SOLID 2. FLEXIBLE, SOLID 3. RIGID

A-T ELECTRONICS INC., 1, Adv Pg 390	Box 1841, New Haven 8	Conn
Allegri-Tech Inc., 1-2	141 River Rd. Nutley 10	NJ
AMERICAN ELECTRONIC WIRE & CABLE, 1-2-3, Adv Pg 18	120 S Hewitt St. Los Angeles	Cal
American Steel & Wire Div. USS., 1-2-3	Rockefeller Bldg. Cleveland 13	Ohio
AMERICAN SUPER-TEMPERATURE WIRES INC., 1-2, Adv Pg 188	8 W Canal St. Winooski	Vt
Anaconda Wire & Cable Co., 1-2-3	25 Broadway, New York 4	NY
Andrew California Corp., 1-2-3	941 E Maryland Ave. Claremont	Cal
ANDREW CORP., 1-2-3, Adv Pg 13	P. O. Box 807, Chicago 42	Ill
ANTENNA SYSTEMS, INC., 3, Adv Pg 428	Hingham Industrial Center, Hingham	Mass
BELDEN MFG. CO., 1, Adv Pg 107	415 S Kilpatrick, Chicago 44	Ill
Benco Television Associates, Ltd., 1-2-3	27 Taber Rd. Rexdale, Ont	Can
BIRNBACH RADIO CO. INC., 1-2, Adv Pg 529	145 Hudson St. New York 13	NY
Boston Insulated Wire & Cable Co., 1-2	63 Bay St, Boston 25	Mass
Brand, William-Rex Div., 1-2-3	46 Sudbury Rd, Concord	Mass
Cable Electric Products, 1-2	234 Daboll St, Providence	RI
Cadre Industries Corp., 2-3	Box 150, Endicott	NY
Calcon Mfg. Co., 2	100 Oakland Ave. Washington	Pa
Canadian Marconi Co., 1-2-3	2444 Trenton Ave. Montreal	Que
CHESTER CABLE CORP., 1-2, Adv Pg 320	Hill St. Chester	NY
Co-Ax, Inc., 1-2	Box 247, Roslyn	NY
COLEMAN WIRE & CABLE CO., 1-2-3, Adv Pg 521	1911 N River Rd. River Grove	Ill
COLUMBIA WIRE & SUPPLY CO., 1-2-3, Adv Pg 478	2850 Irving Park Rd. Chicago 18	Ill
Consolidated Wire & Associated Cos., 1-2	1635 S Clinton St. Chicago 16	Ill
Co-Operative Industries, Inc., 1-2	100 Oakdale Rd. Chester	NJ
Dielectric Materials Co., 1-2	5315-17 N. Ravenswood, Chicago	Ill
Electro-Physics Labs, Div Marshall Industries, 1-2	1900 Walker Ave, Monrovia	Cal
Electronic Specialty Co., 1-2-3	5121 San Fernando Rd. Los Angeles 39	Cal
Emtron, Inc., 1-2	4902 Lawrence St, Bladensburg	Md
Fairchild Camera & Instrument Corp. Cable Div., 1-2	Junge Blvd. & Maiden Ln. Joplin	Mo
General Cable Corp., 2-3	730 3rd Ave. New York 17	NY
GENERAL ELECTRIC CO. WIRE & CABLE DEPT., 2, Adv Pg 7	1285 Boston Ave. Bridgeport 2	Conn
Gore & Assoc. Inc., W.L., 1-2	555 Paper Mill Rd. Newark	Del
HALLICRAFTERS CO., 1-2-3, Adv Pg 385	4401 W 5th St. Chicago 24	Ill
Holyoke Wire & Cable Co., 1-2	720 Main St. Holyoke	Mass
Jerrold Electronics Corp., 2	15th & Lehigh, Philadelphia 32	Pa
Judd Wire Mfg. Corp., 1-2-3	22 Ave A, Turners Falls	Mass
Land-Air, Inc., 1-2	7444 W. Wilson Ave, Chicago 31	Ill
Lenz Electric Mfg. Co., 1-2-3	1751 N Western Ave. Chicago 47	Ill
Microdot, Inc., 1-2	220 Pasadena Ave. South Pasadena	Cal
Miller Co., L.C., 1	717 Monterey Pass Rd. Monterey Park	Cal
Missile Systems Corp., 1-2-3	11949 Vose St. North Hollywood	Cal
Mohawk Wire & Cable Corp., 1-2	320 River St, Fitchburg	Mass
National Wire & Cable Corp., 1	135 San Fernando Rd. Los Angeles 31	Cal
Okonite Co., 1-2	1361 Canal St. Passaic	NJ
Pacific Scientific Co., 1-2	Box 22019, Los Angeles 22	Cal
Phalo Plastics Corp., 1-2-3	530 Boston Tmpk. Shrewsbury	Mass
PHELPS DODGE COPPER PRODUCTS CORP., 1-2-3, Adv Pg 165	300 Park Ave. New York 22	NY
Plastoid Corp., 1-2	42-61 24 St. Long Island City 1	NY
Precision Tube Co., Inc., 3	Church & Wissahickon, North Wales	Pa
Prodelin Inc., 1-2-3	307 Bergen Ave. Kearny	NJ
RF PRODUCTS DIV. AMPHENOL-BORG ELECTRONICS CORP., 1-2-3, Adv Pg 204	33 E Franklin St. Danbury	Conn
Raychem Corp., 1-2-3	Oakside at Northside, Redwood City	Cal
Rockbestos Wire & Cable Co. Div. Cerro Corp., 1-2	Nicoll & Canner Sts. New Haven 4	Conn
Rockland Insulated Wire & Cable Co., 2	36 Main St. Haverstraw	NY
ROYAL ELECTRIC CORP., 1-2, Adv Pg 108	95 Grand Ave. Pawtucket	RI
SCINTILLA DIV. BENDIX CORP., 1-2-3, Adv Pg 345	Sidney	NY
Sequoia Wire & Cable Co., Sub., Anaconda Wire & Cable Co., 1-2	2201 Bay Rd, Redwood City	Cal
Sigma Electronics Research Corp., 1-2	15735 Ambaum Blvd. Seattle 6	Wash
Smith Mfg Co., E. C., 3	Forrest & Hector Sts. Conshohocken	Pa
Standard Tel. & Cables Ltd., 1-2-3	29 Glasshouse Yard, London	Eng
Superior Cable Corp., 1-2	P.O. Box 480-A, Hickory	NC
SURPRENANT MFG CO., 1-2, Adv Pg 477	Clinton	Mass
Tamar Electronics, Inc., 1	2045 W. Rosecrans Ave, Gardena	Cal
Telcon, 1-2	P.O. Box 216, Pacific Palisades	Cal
TELERAD DIV. LIONEL CORP., 3, Adv Pgs 220, 221	Rt 69, Flemington	NJ
Tevco Insulated Wire, 1-2-3	108 E Prospect Ave. Burbank	Cal
Thermax Wire Corp., 2	304 E. 45 St, New York 17	NY
Times Wire & Cable Div. Intl Silver Co., 1-2	358 Hall Ave. Wallingford	Conn
U. S. Wire & Cable Corp., 1-2	Progress & Monroe Sts. Union	NJ
Waber Electronics, Inc., 1	Hancock & Somerset, Philadelphia 33	Pa
Ward Products Corp., 1-2	Edson Rd. Amsterdam	NY

CABLES-*FLAT, PRINTED & RIBBON*

Allegri-Tech Inc	141 River Rd. Nutley 10	NJ
AMERICAN ELECTRONIC WIRE & CABLE, Adv Pg 18	120 S Hewitt St. Los Angeles	Cal
American Steel & Wire Div. USS	Rockefeller Bldg. Cleveland 13	Ohio
BELDEN MFG. CO., Adv Pg 107	415 S Kilpatrick, Chicago 44	Ill
Brand, William-Rex Div	46 Sudbury Rd, Concord	Mass
Cable Electric Products	236 Daboll St. Providence	RI
Cadre Industries Corp	P. O. Box 150, Endicott	NY
Calcon Mfg. Co.	100 Oakland Ave. Washington	Pa
CICOIL CORP., Adv Pg 56	13833 Saticoy St. Van Nuys	Cal
COLEMAN WIRE & CABLE CO., Adv Pg 521	1911 N River Rd. River Grove	Ill
COLUMBIA WIRE & SUPPLY CO., Adv Pg 478	2850 Irving Park Rd. Chicago 18	Ill
Dry Screen Process, Inc	1016 Madison Ave. Pittsburgh 12	Pa
Fairchild Camera & Instrument Corp. Cable Div	Junge Blvd. & Maiden Ln. Joplin	Mo
Gavitt Wire & Cable Co	Central St, Brookfield	Mass
Gore & Assoc. Inc., W.L.	555 Paper Mill Rd. Newark	Del
Holyoke Wire & Cable Corp	720 Main St, Holyoke	Mass
International Resistance Co	401 N Broad St. Philadelphia 8	Pa
Judd Wire Mfg. Corp	22 Ave A, Turners Falls	Mass
LaPointe Industries, Inc	155 W. Main St, Rockville	Conn
Lenz Electric Mfg. Co	1751 N Western Ave. Chicago 47	Ill
McMillan Industrial Corp	Brownville Ave. Ipswich	Mass
METHODE MFG. CORP Adv Pgs 458, 459	7447 W. Wilson Ave, Chicago 31	Ill
New England Electrical Works, Inc	365 Main St. Lisbon	NH
Pacific Scientific Co	Box 22019, Los Angeles 22	Cal
Phalo Plastics Corp	530 Boston Tmpk, Shrewsbury	Mass
Plastoid Corp	42-61 24 St. Long Island City 1	NY
RF PRODUCTS DIV. AMPHENOL-BORG ELECTRONICS CORP., Adv Pg 204	33 E Franklin St. Danbury	Conn
Raychem Corp	Oakside at Northside, Redwood City	Cal
SANDERS ASSOCIATES INC., Adv Pg 380	95 Canal St. Nashua	NH
SCINTILLA DIV. BENDIX CORP., Adv Pg 345	Sidney	NY
SPECTRA-STRIP WIRE & CABLE CORP., Adv Pg 506	P. O. Box 415, Garden Grove	Cal
Steel Heddle Mfg Co.	2100 W Allegheny Ave. Philadelphia 32	Pa
Superior Cable Corp	P.O. Box 480-A, Hickory	NC
SURPRENANT MFG CO., Adv Pg 477	Clinton	Mass
Tape Cable Corp	790 Linden Ave. Rochester 25	NY
TENSOLITE INSUALATED WIRE CO., INC Adv Pg 293	W. Main St, Tarrytown	NY
Tevco Insulated Wire	108 E Prospect Ave. Burbank	Cal
Times Wire & Cable Div. Intl Silver Co	358 Hall Ave. Wallingford	Conn
U. S. Wire & Cable Corp.	Progress & Monroe Sts. Union	NJ
Whitaker Cable Corp.	Kansas City 16	Mo

CABLES-*HIGH TEMPERATURE*

1. COAXIAL 2. SHIELDED 3. UNSHIELDED

A-T ELECTRONICS INC., 1, Adv Pg 390	Box 1841, New Haven 8	Conn
Aero Research Instrument Co., 1-2	315 N Aberdeen St, Chicago 7	Ill
AMERICAN ELECTRONIC WIRE & CABLE, 1-2-3, Adv Pg 18	120 S Hewitt St. Los Angeles	Cal
American Steel & Wire Div. USS., 1-2-3	Rockefeller Bldg. Cleveland 13	Ohio
AMERICAN SUPER-TEMPERATURE WIRES INC., 1-2-3, Adv Pg 188	8 W Canal St. Winooski	Vt
Anaconda Wire & Cable Co., 1-2-3	25 Broadway, New York 4	NY
Andrew California Corp., 1	941 E Maryland Ave. Claremont	Cal
Atlantic Wire & Cable Corp., 1-2-3	119-14 14 Rd. College Point	NY
BELDEN MFG. CO., 1-2-3, Adv Pg 107	415 S Kilpatrick, Chicago 44	Ill
Benrus Watch Co. Inc., 2-3	30 Cherry Ave. Waterbury	Conn
BIRNBACH RADIO CO. INC., 1-2-3, Adv Pg 529	145 Hudson St. New York 13	NY
Boston Insulated Wire & Cable Co., 1-2-3	63 Bay St, Boston 25	Mass
Brand, William-Rex Div., 1-2-3	46 Sudbury Rd, Concord	Mass
Breeze Corps., Inc., 2	700 Liberty Ave, Union	NJ
Cable Designs, Inc., 1-2-3	66 Rushmore St, Westbury	NY
Cadre Industries Corp., 1-2-3	Box 150, Endicott	NY
CHESTER CABLE CORP., 1-2-3, Adv Pg 320	Hill St. Chester	NY
Cimco Wire & Cable Co., 1-2-3	303 Crescent Ave, Allendale	NJ
Co-Ax, Inc., 1	Box 247, Roslyn	NY
COLEMAN WIRE & CABLE CO., 1-2-3, Adv Pg 521	1911 N River Rd. River Grove	Ill
COLUMBIA WIRE & SUPPLY CO., 1-2-3, Adv Pg 478	2850 Irving Park Rd. Chicago	Ill
Consolidated Wire & Associated Cos., 1-2-3	1635 S. Clinton St, Chicago 16	Ill
Continental Sensing, Inc., 1-2-3	1950 N Ruby St. Melrose Park	Ill
Co-Operative Industries, Inc., 1-2	100 Oakdale Rd. Chester	NJ
Dielectric Materials Co., 1-2-3	5315-17 N. Ravenswood, Chicago	Ill
Electro-Physics Labs, Div Marshall Industries, 1-2	1900 Walker Ave, Monrovia	Cal
Electronic Parts Mfg Co. Inc., 3	508-10 25th St. Union City	NJ
Electronic Specialty Co., 1-2-3	5121 San Fernando Rd. Los Angeles 39	Cal
Fairchild Camera & Instrument Corp. Cable Div., 1-2	Junge Blvd. & Maiden Ln. Joplin	Mo
Gavitt Wire & Cable Co., 2-3	Central St, Brookfield	Mass
General Cable Corp., 1-2-3	730 Third Ave, New York 17	NY
GENERAL ELECTRIC CO. WIRE & CABLE DEPT., 1-2-3, Adv Pg 7	1285 Boston Ave. Bridgeport 2	Conn
General Radio Co., 1-2-3	West Concord	Mass
Gore & Assoc. Inc., W.L., 1-2-3	555 Paper Mill Rd. Newark	Del
Gulton Industries, Inc., 1-2	212 Durham Ave. Metuchen	NJ
Hallett Mfg Co., 2	5910 Bowcroft St. Los Angeles 16	Cal
HALLICRAFTERS CO., 1, Adv Pg 385	4401 W 5th St. Chicago 24	Ill
Haveg Industries Inc., 1-2-3	900 Greenbank Rd. Wilmington 8	Del
Holyoke Wire & Cable Corp., 1-2-3	720 Main St, Holyoke	Mass
Inso Electronic Products, Inc., 1-2-3	1200 Commerce Ave, Union	NJ
Jefferson Wire & Cable Corp., 1-2-3	Pleasant Valley Rd, Sutton	Mass
Judd Wire Mfg. Corp., 1-2-3	22 Ave A, Turners Falls	Mass
Lenz Electric Mfg. Co., 1-2-3	1751 N. Western Ave, Chicago 47	Ill
LEWIS ENGINEERING CO., 1-2-3 Adv Pg 482	52 Rubber Ave, Naugatuck	Conn
Microdot, Inc., 1-2-3	220 Pasadena Ave. South Pasadena	Cal
Missile Systems Corp., 1-2-3	11949 Vose St, North Hollywood	Cal
National Wire & Cable Corp., 1-2-3	136 San Fernando Rd. Los Angeles 31	Cal
Okonite Co., 1-2-3	1961 Canal St. Passaic	NJ
Pacific Automation Products, Inc., 1-2-3	1200 Air Way, Glendale 1	Cal
Pacific Scientific Co., 1-2-3	Box 22019, Los Angeles 22	Cal
Packard Electric Div. GMC, 2-3	312 Dana Ave. Warren	Ohio
Phalo Plastics Corp., 1-2-3	530 Boston Tmpk. Shrewsbury	Mass
PHELPS DODGE COPPER PRODUCTS CORP., 1-2-3, Adv Pg 165	300 Park Ave. New York 22	NY
Plastoid Corp., 1-2-3	42-61 24 St, Long Island City 1	NY
Precision Tube Co., Inc., 1-2	Church & Wissahickon, North Wales	Pa
Prodelin Inc., 1-2	307 Bergen Ave. Kearny	NJ
RF PRODUCTS DIV. AMPHENOL-BORG ELECTRONICS CORP., 1-2-3, Adv Pg 204	33 E Franklin St. Danbury	Conn
R.L.C. Electronics, Inc., 1	805 Mamaroneck Ave. Mamaroneck	NY
Raychem Corp., 1-2-3	Oakside at Northside, Redwood City	Cal
Rego Insulated Wire Co., 1-2-3	830 Monroe St. Hoboken	NJ
Reuter-Stokes Electronic Components, Inc., 1-2	2149 Hamilton Ave. Cleveland 14	Ohio
Revere Corp of America Sub., Neptune Meter Co., 2-3	Wallingford 2	Conn
Rhode Island Insulated Wire Co., 2-3	50 Burnham Ave, Cranston	RI
Rockbestos Wire & Cable Co. Div. Cerro Corp., 1-2-3	Nicoll & Canner Sts. New Haven 4	Conn
ROYAL ELECTRIC CORP., 1-2-3, Adv Pg 103	95 Grand Ave. Pawtucket	RI
SANDERS ASSOCIATES INC., 1-2-3, Adv Pg 380	95 Canal St. Nashua	NH
SCINTILLA DIV. BENDIX CORP., 1-2-3, Adv Pg 345	Sidney	NY
Sequoia Wire & Cable Co., Sub., Anaconda Wire & Cable Co., 1-2-3	2201 Bay Rd, Redwood City	Cal
Smith Mfg Co., E. C., 1-2	Forrest & Hector Sts. Conshohocken	Pa
Standard Tel. & Cables Ltd., 1-2	29 Glasshouse Yard, London	Eng
Superior Cable Corp., 1-2-3	P.O. Box 480-A, Hickory	NC
SURPRENANT MFG CO., 1-2-3, Adv Pg 477	Clinton	Mass
Tamar Electronics, Inc., 1	2045 W. Rosecrans Ave, Gardena	Cal
Telcon, 1	P.O. Box 216, Pacific Palisades	Cal
TELERAD DIV. LIONEL CORP., 1, Adv Pgs 220, 221	Rt 69, Flemington	NJ
TENSOLITE INSULATED WIRE CO., INC., 1-2-3 Adv Pg 293	W. Main St. Tarrytown	NY
Thermal Wire of America, 1-2	Keeler's Bay, South Hero	Vt
Thermax Wire Corp., 1-2-3	304 E. 45 St, New York 17	NY
Times Wire & Cable Div. Intl Silver Co., 1-2-3	358 Hall Ave. Wallingford	Conn
Titeflex Inc., 1-2-3	534 Hendee St. Springfield	Mass
Tower Construction Co., 1	2700 Hawkeye Dr, Sioux City	Iowa
U. S. Wire & Cable Corp., 1-2-3	Progress & Monroe Sts. Union	NJ
Ward Products Corp., 2-3	Edson Rd. Amsterdam	NY
Warren Wire Co., 1	Pownal	Vt
Westinghouse Electric Corp. Electronic Tube Div., 1	Box 284, Elmira	NY
Wirecraft Products, Inc., 1-2-3	Rt 9, West Brookfield	Mass

CABLES-*PATCH CORDS* See CORDS-*PATCH*

CABLES-*SHIELDED (NOT COAXIAL)*

1. A-F (Incl. MICROPHONE) 3. R-F (Incl. UHF)
2. D-C & POWER FREQUENCY

A-K Mfg. Co. Inc., 1	412 S Hager Ave. Barrington	Ill
Allegri-Tech Inc., 2-3	141 River Rd. Nutley 10	NJ
ALPHA WIRE CORP., 1-2-3, Adv Pg 246	200 Varick St. New York 14	NY
American Electric Cable Co., 1-2	183 Appleton St, Holyoke	Mass
AMERICAN ELECTRONIC WIRE & CABLE, 1-2-3, Adv Pg 18	120 S Hewitt St. Los Angeles	Cal
American Steel & Wire Div. USS., 1-2-3	Rockefeller Bldg. Cleveland 13	Ohio
AMERICAN SUPER-TEMPERATURE WIRES INC., 1-2-3, Adv Pg 188	8 W Canal St. Winooski	Vt
Anaconda Wire & Cable Co., 2-3	25 Broadway, New York 4	NY
BIRNBACH RADIO CO. INC., 1-2-3, Adv Pg 529	145 Hudson St. New York 13	NY
Boston Insulated Wire & Cable Co., 1-2-3	63 Bay St, Boston 25	Mass
Brand, William-Rex Div., 1-2-3	46 Sudbury Rd, Concord	Mass
Cable Designs, Inc., 1-2-3	66 Rushmore St. Westbury	NY
Cable Electric Products, 1-2-3	234 Daboll St, Providence	RI
Cable Specialists of Conn., 2	95 Kitts Lane, Newington 11	Conn
Cadre Industries Corp., 1-2-3	Box 150, Endicott	NY
Calcon Mfg. Co., 1	100 Oakland Ave. Washington	Pa
Carol Cable Div., Crescent Co., Inc., 1	20 Central Ave, Pawtucket	RI
CHESTER CABLE CORP., 1-2-3, Adv Pg 320	Hill St. Chester	NY
Co-Ax, Inc., 1-3	Box 247, Roslyn	NY
COLEMAN WIRE & CABLE CO., 1-2-3, Adv Pg 521	1911 N River Rd. River Grove	Ill
COLUMBIA WIRE & SUPPLY CO., 1-2-3, Adv Pg 478	2850 Irving Park Rd. Chicago	Ill
Consolidated Wire & Associated Cos., 1-3	1635 S Clinton St. Chicago 16	Ill
Co-Operative Industries, Inc., 2	100 Oakdale Rd. Chester	NJ
Dielectric Materials Co., 1-2-3	5315-17 N. Ravenswood, Chicago	Ill
Electronic Applications, Inc., 1	194 Richmond Hill Ave, Stamford	Conn
Executone Inc., 1	415 Lexington Ave. New York 17	NY
Farwest Mfg. Div. Inc., 1-2	209 1st St. Seattle	Wash
Gavitt Wire & Cable Co., 1-3	Central St, Brookfield	Mass
General Cable Corp., 2-3	730 3rd Ave. New York 17	NY
GENERAL ELECTRIC CO. WIRE & CABLE DEPT., 1-2-3, Adv Pg 7	1285 Boston Ave. Bridgeport 2	Conn
Genistron Inc., 3	6320 W Arizona Circle, Los Angeles 45	Cal
Hallett Mfg Co., 2-3	5910 Bowcroft St. Los Angeles 16	Cal
Haveg Industries Inc., 3	900 Greenbank Rd. Wilmington 8	Del
Holyoke Wire & Cable Corp., 1-2-3	720 Main St. Holyoke	Mass
Inso Electronic Products Inc., 1-2-3	1200 Commerce Ave. Union	NJ
Jefferson Wire & Cable Corp., 1-2-3	Pleasant Valley Rd, Sutton	Mass
Judd Wire Mfg. Corp., 1-2-3	22 Ave A, Turners Falls	Mass
Lab-Tronics, Inc., 1	3656 N Lincoln Ave. Chicago 13	Ill
Lenz Electric Mfg. Co., 1-2-3	1751 N Western Ave. Chicago 47	Ill
LEWIS ENGINEERING CO., 2 Adv Pg 482	52 Rubber Ave, Naugatuck	Conn
McMillan Industrial Corp., 2	Brownville Ave. Ipswich	Mass
Mercury Engineering Corp., 1-2	337 E Cottage Pl. York	Pa
Midwest Audio Corp., 1	3800 W North Ave. Chicago 47	Ill
Missile Systems Corp., 1-2-3	11949 Vose St, North Hollywood	Cal
Mohawk Wire & Cable Corp., 1-2-3	320 River St, Fitchburg	Mass
National Wire & Cable Corp., 1-2-3	136 San Fernando Rd. Los Angeles 31	Cal
Okonite Co., 1-2-3	1961 Canal St. Passaic	NJ
Pacific Electricord Co., 2	747 W Redondo Beach Blvd. Gardena	Cal
Packard Electric Div., General Motors Corp., 2	312 Dana Ave, Warren	Ohio
Phalo Plastics Corp., 1-2-3	530 Boston Tmpk, Shrewsbury	Mass
PHELPS DODGE COPPER PRODUCTS CORP., 2, Adv Pg 165	300 Park Ave. New York 22	NY
Plastic Wire & Cable Corp., 1-2	Jewett City	Conn
Plastoid Corp., 3	42-61 24 St. Long Island City 1	NY
RF PRODUCTS DIV. AMPHENOL-BORG ELECTRONICS CORP., 1-2-3, Adv Pg 204	33 E Franklin St. Danbury	Conn
Raychem Corp., 1-2-3	Oakside at Northside, Redwood City	Cal
Rego Insulated Wire Co., 1-2-3	830 Monroe St. Hoboken	NJ
Revere Corp. of America Sub., Neptune Meter Co., 3	Wallingford 2	Conn
Robins Industries Corp., 1	36-27 Prince St. Flushing 54	NY
Rockbestos Wire & Cable Co. Div. Cerro Corp., 2	Nicoll & Canner Sts. New Haven 4	Conn
Rockland Insulated Wire & Cable Co., 1-2	36 Main St, Haverstraw	NY

ROYAL ELECTRIC CORP., 1-3, Adv Pg 108	95 Grand Ave. Pawtucket	RI
SCINTILLA DIV. BENDIX CORP., 1-3, Adv Pg 345	Sidney	NY
Sequoia Wire & Cable Co. Sub., Anaconda Wire & Cable Co., 1-3	2201 Bay Rd, Redwood City	Cal
SPECTRA-STRIP WIRE & CABLE CORP., 1-2-3, Adv Pg 506	P. O. Box 415, Garden Grove	Cal
Standard Tel. & Cables Ltd., 1-3	29 Glasshouse Yard, London	Eng
Superior Cable Corp., 1-2-3	P.O. Box 480-A, Hickory	NC
SURPRENANT MFG CO., 1-2-3, Adv Pg 477	Clinton	Mass
TENSOLITE INSULATED WIRE CO. INC., 1 Adv Pg 293	W Main St. Tarrytown	NY
Tevco Insulated Wire, 1-2	108 E. Prospect Ave, Burbank	Cal
Thermax Wire Corp., 1-2-3	304 E. 45 St, New York 17	NY
Times Wire & Cable Div. Intl Silver Co., 3	358 Hall Ave. Wallingford	Conn
Western Insulated Wire Co., 1-2	2425 E 30th St. Los Angeles 58	Cal
Wirecraft Products, Inc., 3	Rt 9, West Brookfield	Mass

CABLES –*UMBILICAL, MISSILE*

ALDEN PRODUCTS CO., Adv Pg 359	112 N Main St. Brockton 64	Mass
Allegri-Tech Inc	141 River Rd, Nutley 10	NJ
AMERICAN ELECTRONIC WIRE & CABLE, Adv Pg 18	120 S Hewitt St. Los Angeles	Cal
American Steel & Wire Div., USS	Rockefeller Bldg, Cleveland 13	Ohio
AMERICAN SUPER-TEMPERATURE WIRES INC., Adv Pg 188	8 W Canal St. Winooski	Vt
Ampco Mfg. Co	246 E. 2nd St, Plainfield	NJ
Anaconda Wire & Cable Co	25 Broadway, New York 4	NY
Anton Electronic Labs Inc. Div. Lionel Corp	1226 Flushing Ave. Brooklyn 37	NY
Armour Corp	11924 W. Washington Blvd, L.A. 66	Cal
BELDEN MFG. CO., Adv Pg 107	415 S Kilpatrick, Chicago 44	Ill
Boston Insulated Wire & Cable Co	63 Bay St, Boston 25	Mass
Brand, William-Rex Div	46 Sudbury Rd, Concord	Mass
Cable Designs, Inc	66 Rushmore St, Westbury	NY
Cama Industries Corp	Box 150, Endicott	NY
CHESTER CABLE CORP., Adv Pg 320	Hill St. Chester	NY
COLEMAN WIRE & CABLE CO., Adv Pg 521	1911 N River Rd. River Grove	Ill
COLUMBIA WIRE & SUPPLY CO., Adv Pg 478	2850 Irving Park Rd. Chicago 18	Ill
Computer Equipment Corp	11612 W Olympic Blvd. Los Angeles 64	Cal
Consolidated Wire & Associated Corp	1635 S Clinton St. Chicago 16	Ill
Co-Operative Industries, Inc	100 Gerdale Rd, Chester	NJ
Dewey Engineering Co., Inc	Airport Rd, Nashua	NH
Electronic Cable Corp	126 Jackson St. Cambridge 40	Mass
Electropac, Inc	62 Union St. Peterborough	NH
Fairchild Camera & Instrument Corp. Cable Div	Junge Blvd. & Maiden Ln. Joplin	Mo
General Cable Corp	730 Third Ave, New York 17	NY
GENERAL ELECTRIC CO. WIRE & CABLE DEPT., Adv Pg 7	1285 Boston Ave. Bridgeport 2	Conn
Gore & Assoc. Inc., W.L.	555 Paper Mill Rd. Newark	Del
HALLICRAFTERS CO., Adv Pg 385	4401 W 5th St. Chicago 24	Ill
Haveg Industries, Inc	900 Greenbank Rd, Wilmington 8	Del
Inso Electronic Products Inc	1200 Commerce Ave. Union	NJ
Jefferson Electronic Products	322 State St, Santa Barbara	Cal
Judd Wire Mfg. Corp	22 Ave A, Turners Falls	Mass
Lenox Industries Inc	Ave, Farmingdale	NY
Land-Air, Inc	7444 W. Wilson Ave, Chicago 31	Ill
Mandrel Industries Inc	5134 Glenmont, Houston 36	Tex
Martin Co	Mail No. G3037, Baltimore 3	Md
Missile Systems Corp	11949 Vose St, North Hollywood	Cal
MODEL ENG. & MFG. CORP., Adv Pg 488	50 Frederick St. Huntington	Ind
National Wire & Cable Corp	136 San Fernando Rd. Los Angeles 31	Cal
Nortronics, Div Northrop Corp	222 N Prairie Ave, Hawthorne	Cal
Okonite Co	1961 Canal St. Passaic	NJ
Ortronix, Inc	Forsyth Rd, Rt. 8217, Orlando	Fla
Pacific Scientific Co	Box 22019, Los Angeles 22	Cal
Packard Electric Div., General Motors Corp	312 Dana Ave, Warren	Ohio
PHELPS DODGE COPPER PRODUCTS CORP., Adv Pg 165	300 Park Ave. New York 22	NY
Plastic Wire & Cable Corp	Jewett City	Conn
Revere Corp of America Sub., Neptune Meter Co	Wallingford 2	Conn
Robertshaw-Fulton Controls Co., Aero & Instr Div	Santa Ana Freeway at Euclid, Anaheim	Cal
Rockbestos Wire & Cable Co. Div. Cerro Corp	Nicoll & Canner Sts. New Haven 4	Conn
Rome Cable Div of Alcoa	Ridge St, Rome	NY
SANDERS ASSOCIATES INC., Adv Pg 380	95 Canal St. Nashua	NH
SCINTILLA DIV. BENDIX CORP., Adv Pg 345	Sidney	NY
Sequoia Wire & Cable Co., Sub., Anaconda Wire & Cable Co	2201 Bay Rd, Redwood City	Cal
SURPRENANT MFG CO., Adv Pg 477	Clinton	Mass
TENSOLITE INSULATED WIRE CO. INC Adv Pg 293	W Main St. Tarrytown	NY
Thermax Wire Corp	304 E. 45 St, New York 17	NY
Thomas Electronics, Inc	118 Ninth St, Passaic	NJ
Times Wire & Cable Div. Intl Silver Co	358 Hall Ave. Wallingford	Conn
Trimfex Inc	534 Hendee St. Springfield	Mass
Topp Industries, Inc	5221 W. 102 St, Los Angeles 45	Cal
Universal Match Corp. Armament Div	472 Paul Ave. St Louis 35	Mo
Western Insulated Wire Co	2425 E 30th St. Los Angeles 58	Cal

CABLES –*UNSHIELDED, MULTICONDUCTOR*

1. A-F
2. D-C & POWER FREQUENCY (EXCEPT LINE CORDS)
3. TRANSMISSION LINE (Incl. TV-LINE & OTHER LOW-CAPACITANCE R-F & UHF CABLES)

Allegri-Tech Inc., 1-2-3	141 River Rd. Nutley 10	NJ
ALPHA WIRE CORP., 2-3, Adv Pg 246	200 Varick St. New York 14	NY
American Electric Cable Co., 2-3	183 Appleton St, Holyoke	Mass
AMERICAN ELECTRONIC WIRE & CABLE, 1-2-3, Adv Pg 18	120 S Hewitt St. Los Angeles	Cal
American Steel & Wire Div. USS, 1-2-3	Rockefeller Bldg. Cleveland 13	Ohio
AMERICAN SUPER-TEMPERATURE WIRES INC., 1-2-3, Adv Pg 188	8 W Canal St. Winooski	Vt
Ampco Mfg Co., 1-2	246 E 2nd St. Plainfield	NJ
Anaconda Wire & Cable Co., 2-3	25 Broadway, New York 4	NY
Atlantic Wire & Cable Corp., 3	119-14 14 Rd. College Point	NY
BELDEN MFG. CO., 3, Adv Pg 107	415 Kilpatrick, Chicago 44	Ill
BIRNBACH RADIO CO. INC., 1-2-3, Adv Pg 529	145 Hudson St. New York 13	NY
Boston Insulated Wire & Cable Co., 1-2-3	65 Bay St, Boston 25	Mass
Brand, William-Rex Div., 1-2-3	46 Sudbury Rd, Concord	Mass
Cable Designs, Inc., 1-2-3	66 Rushmore St. Westbury	NY
Cable Electric Products, 1-2-3	234 Cottrell St, Providence	RI
Cable Specialists of Conn., 1-2	96 Nitts Lane, Newington 11	Conn
Calcoun Mfg. Co., 3	100 Oakland Ave. Washington	Pa
Carol Cable Div., Crescent Co., Inc., 3	20 Central Ave, Pawtucket	RI
Channel Master Co., 3	Ellenville	NY
CHESTER CABLE CORP., 1-2-3, Adv Pg 320	Hill St. Chester	NY
CICOIL CORP., 1-2, Adv Pg 56	13833 Saticoy St. Van Nuys	Cal
Co-Ax, Inc., 1-3	Box 247, Roslyn	NY
COLEMAN WIRE & CABLE CO., 1-2-3, Adv Pg 521	1911 N River Rd. River Grove	Ill
COLUMBIA WIRE & SUPPLY CO., 1-2-3, Adv Pg 478	2850 Irving Park Rd. Chicago	Ill
Consolidated Wire & Associated Cos., 1-2-3	1635 S. Clinton St, Chicago 16	Ill
Cornish Wire Co., 3	50 Church St, New York 7	NY
Dielectric Materials Co., 1-2-3	5315-17 N Ravenswood Ave. Chicago 40	Ill
Electric Autolite Co., 1-2	Champlain St. Toledo 1	Ohio
Electropac, Inc., 1-2	62 Union St, Peterborough	NH
Executone Inc., 1	415 Lexington Ave. New York 17	NY
Fairchild Camera & Instrument Corp. Cable Div., 1-2-3	Junge Blvd. & Maiden Ln. Joplin	Mo
Gavitt Wire & Cable Co., 1	Central St, Brookfield	Mass
General Cable Corp., 1-2-3	730 Third Ave, New York 17	NY
GENERAL ELECTRIC CO. WIRE & CABLE DEPT., 1-2, Adv Pg 7	1285 Boston Ave. Bridgeport 2	Conn
Gore & Assoc. Inc., W.L., 3	555 Paper Mill Rd. Newark	Del
Haveg Industries, Inc., 1-2-3	900 Greenbank Rd, Wilmington 8	Del
Holyoke Wire & Cable Corp., 1-2-3	720 Main St, Holyoke	Mass
Inso Electronic Products Inc., 1-2-3	1200 Commerce Ave. Union	NJ
Jefferson Electronic Products, 2	322 State St. Santa Barbara	Cal
Jefferson Wire & Cable Corp., 3	Pleasant Valley Rd, Sutton	Mass
Jerrold Electronics Corp., 3	15th & Lehigh, Philadelphia 32	Pa
Jersey Specialty Co., Inc., 3	Burgess Pl, Mountainview	NJ
Judd Wire Mfg. Corp., 1-2-3	22 Ave A, Turners Falls	Mass
Lab-Tronics, Inc., 1	3656 N Lincoln Ave. Chicago 13	Ill
Land-Air, Inc., 1-3	744 W. Wilson Ave, Chicago 31	Ill
Lenz Electric Mfg. Co., 1-2	1751 N. Western Ave, Chicago 47	Ill
LEWIS ENGINEERING CO., 2 Adv Pg 482	52 Rubber Ave, Naugatuck	Conn
Mercury Engineering Corp., 1-2	337 E Cottage Pl. York	Pa
Midwest Audio Corp., 1	3800 W North Ave. Chicago 47	Ill
Missile Systems Corp., 1-2-3	11949 Vose St. North Hollywood	Cal
Mohawk Wire & Cable Corp., 1-2-3	320 River St, Fitchburg	Mass
National Wire & Cable Corp., 1-2-3	136 San Fernando Rd. Los Angeles 31	Cal
Okonite Co., 1-2-3	1961 Canal St. Passaic	NJ
Ortronix, Inc., 1-2	Forsyth Rd. Rt. 8217, Orlando	Fla
Packard Electric Div., General Motors Corp., 1-2	312 Dana Ave, Warren	Ohio
Phalo Plastics Corp., 1-2-3	530 Boston Tmpk, Shrewsbury	Mass
PHELPS DODGE COPPER PRODUCTS CORP., 1-2-3, Adv Pg 165	300 Park Ave. New York 22	NY
Plastic Wire & Cable Corp., 2-3	Jewett City	Conn
Plastoid Corp., 1-2-3	42-61 24 St. Long Island City 1	NY
Pyrometer Co. of America, Inc., 2	610 E Lincoln Hwy. Penndel	Pa
RF PRODUCTS DIV. AMPHENOL-BORG ELECTRONICS CORP., 3, Adv Pg 204	33 E Franklin St. Danbury	Conn
Raychem Corp., 1-2-3	Oakside at Northside, Redwood City	Cal
Rego Insulated Wire Co., 1-2-3	830 Monroe St, Hoboken	NJ
Rhode Island Insulated Wire Co., 3	50 Burnside Ave. Cranston	RI
Rockbestos Wire & Cable Co. Div. Cerro Corp., 2-3	Nicoll & Canner Sts. New Haven 4	Conn
Rockland Insulated Wire & Cable Co., 1-2	36 Main St, Haverstraw	NY
ROYAL ELECTRIC CORP., 1-2-3, Adv Pg 108	95 Grand Ave. Pawtucket	RI
SANDERS ASSOCIATES INC., 1-2, Adv Pg 380	95 Canal St. Nashua	NH
Sequoia Wire & Cable Co., Sub., Anaconda Wire & Cable Co., 1-3	2201 Bay Rd, Redwood City	Cal
Southwire Co., 2-3	4 Fertilla St, Carrollton	Ga
SPECTRA-STRIP WIRE & CABLE CORP., 1-2-3, Adv Pg 506	Box 415, Garden Grove	Cal
Standard Tel. & Cables Ltd., 1-2-3	29 Glasshouse Yard, London	Eng
Superior Cable Corp., 1-2-3	P.O. Box 480-A, Hickory	NC
Surface Conduction, Inc., 3	1501 Broadway, New York 36	NY
SURPRENANT MFG CO., 1-2-3, Adv Pg 477	Clinton	Mass
Telcan, 1-3	P.O. Box 216, Pacific Palisades	Cal
TENSOLITE INSULATED WIRE CO. INC., 2-3 Adv Pg 293	W Main St. Tarrytown	NY
Tevco Insulated Wire, 3	108 E Prospect Ave. Burbank	Cal
Thermax Wire Corp., 1-2	304 E. 45 St, New York 17	NY
Times Wire & Cable Div. Intl Silver Co., 3	358 Hall Ave. Wallingford	Conn
Topp Industries, Inc., 2	5221 W. 102 St, Los Angeles 45	Cal
U. S. Wire & Cable Corp., 3	Progress & Monroe Sts. Union	NJ
Webster Electric Co., 1	1900 Clark St. Racine	Wis
Western Insulated Wire Co., 1-2	2425 E 30th St. Los Angeles 58	Cal
Whitaker Cable Corp., 1	Kansas City 16	Mo

CABLE TESTERS See TESTERS –CABLE
CABLE WRAPPINGS See WRAPPINGS

CADMIUM –*BARS*

Accurate Specialties Co. Inc	345 Lodi St. Hackensack	NJ
Belmont Smelting & Refining Works	332 Belmont Ave. Brooklyn 7	NY
Bram Metallurgical Chemical Co	820 65 Ave, Philadelphia 26	Pa
Cerro Sales Corp	300 Park Ave. New York 22	NY
Cominco Products Inc	933 W 3rd Ave, Spokane	Wash
Division Lead Co	7742 W. 61st Pl, Summit	Ill
Eagle-Picher Co	Dept. EGB, Cincinnati 1	Ohio
Hermon, Lichtenstein & Co	26 Broadway, New York 4	NY
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Mallinckrodt Chemical Works	2nd & Mallinckrodt Sts. St Louis 7	Mo
NATIONAL LEAD CO., Adv Pg 557	111 Broadway, New York 6	NY
SEMI-ELEMENTS INC., Adv Pg 524	Saxonburg Blvd. Saxonburg	Pa
United Mineral & Chemical Corp	16 Hudson St. New York 13	NY
Var-Lac Oid Chemical Co	116 Broad St, New York 4	NY

CALCIUM

Belmont Smelting & Refining Works	332 Belmont Ave. Brooklyn 7	NY
Bram Metallurgical Chemical Co	820 65 Ave. Philadelphia 26	Pa
Engineering Science Div Amer Metal Prts Co	2401 S State St. Ann Arbor	Mich
A.D. Mackay, Inc	198 Broadway, New York 38	NY
SEMI-ELEMENTS INC., Adv Pg 524	Saxonburg Blvd. Saxonburg	Pa
United Mineral & Chemical Corp	16 Hudson St. New York 13	NY
Var-Lac-Oid Chemical Co	116 Broad St. New York 4	NY

CALIBRATION SERVICES

1. FREQUENCY
2. INSTRUMENT
3. STANDARDS

Advanced Measurement Instruments Inc., 2	109 Dover St. Somerville 44	Mass
AMERICAN ELECTRONIC LABS. INC., 2, Adv Pg 342	121 N 7th St. Philadelphia 6	Pa
Armec Corp., 1	195 W Hills Rd. Huntington Sta	NY
AUTOTRONICS, INC., 2-3, Adv Pg 481	Box 208, Florissant	Mo
Avco Research & Advanced Devel. Div., 1-2-3	201 Lowell St. Wilmington	Mass
BALLANTINE LABS. INC., 3, Adv Pg 156	Boonton	NJ
Bayly Engineering Ltd., 2	Hunt St. Ajax	Ont
Biddle Co., James G., 1-2	1316 Arch St. Philadelphia 7	Pa
Booth Co., Arthur E., 2	265 S Alexandria Ave. Los Angeles	Cal
Bruel & Kjaer, 2	Lindealle 23, Naerum	Denmark
Canadian Aviation Electronics Ltd., 1-2	Box 2030, Montreal 9	P.Q.
Canadian Research Institute, 2-3	85 Curlew Dr. Don Mills	Ont
Daystrom Inc. Weston Instruments Div., 2	614 Frelinghuysen Ave. Newark 12	NJ
Decker Corp., 1-2-3	45 Monument Rd. Bala Cynwyd	Pa
Dero Research & Dev. Corp., 1	Broadway & Park Ave. Huntington	NY
Digital Service Labs., 1-2	21822 Crenshaw Blvd. Torrance	Cal
Douglas Radio Labs., 1-2-3	176 Norfolk Ave. Boston 19	Mass
Electrada Corp., 2	11244 Playa St. Culver City	Cal
Electronic Applications Inc., 1	194 Richmond Hill Ave. Stamford	Conn
ELECTROSPACE CORP., 1-2-3, Adv Pg 378	99 E Hawthorne Ave. Valley Stream	NY
ENDEVCO CORP., 2, Adv Pg 465	161 E California Blvd. Pasadena	Cal
Eppley Lab., Inc., 3	12 Sheffield Ave, Newport	RI
Frequency Standards Div. Harvard Industries Inc., 1	Box 504, Asbury Park	NJ
G. B. Components Inc., 3	14621 Arminta St. Van Nuys	Cal
Geotechnical Corp., 2	3401 Shiloh Rd. Garland	Tex
Gilmore Industries, Inc., 2-3	13015 Woodland Ave. Cleveland 20	Ohio
GRAY INSTRUMENT CO., 2-3, Adv Pg 480	448 Mill Rd. Andalusia	Pa
Greenray Industries, Electronics's Div., 1-3	Mechanicsburg	Pa
Gulton Industries, Inc., 1	212 Durham Ave. Metuchen	NJ
Hoit Instrument Laboratories, 2-3	Box 230, Oconto	Wis
ITT Federal Labs Div. ITT Corp., 1-2-3	500 Washington Ave. Nutley	NJ
Instrument Corp. of Florida, 1-2-3	Box 1225, Melbourne	Fla
Instrument Laboratories., 3	315 W Walton Pl. Chicago 10	Ill
Jack & Heintz Div. Siegler Corp., 2	Box 6719, Cleveland 1	Ohio
Keithley Instruments, Inc., 3	12415 Euclid Ave. Cleveland 6	Ohio
Kollsman Instrument Corp Sub Standard Kollsman Ind Inc., 2	80-08 45th Ave. Elmhurst 73	NY
MB ELECTRONICS A DIV. OF TEXTRON ELECTRONICS INC., 3, Adv Pg 353	Box 1825, New Haven 8	Conn
Martin Co., 3	Mail No. G3037, Baltimore 3	Md
Mid-Eastern Electronics, Inc., 3	32 Commerce St, Springfield	NJ
New York Testing Labs. Inc., 1-2-3	47 West St. New York	NY
Nichols, Ltd., R.H., 2	4594 Dufferin St. Downsview	Ont
NORTH HILLS ELECTRONICS INC., 3, Adv Pg 505	Glen Cove	NY
Philco Corp. Govt & Ind Div., 3	4700 Wissahickon Ave. Phila 44	Pa
PHYSICS RESEARCH LABS. INC., 2-3, Adv Pg 478	Box 555, Hempstead	NY
Pratt & Whitney Co. Inc., 1-2-3	Charter Oak Blvd. West Hartford 1	Conn
Pyrometer Co. of America, Inc., 3	610 E Lincoln Hwy. Penndel	Pa
RAWSON ELECTRICAL INSTRUMENT CO., 2, Adv Pg 446	111 Potter St. Cambridge 42	Mass
Riverbank Labs. Dept of Engrg., 1	Box 65, Geneva	Ill
Rockwell Engineering Co., 2-3	2125 E 45th St. Indianapolis 5	Ind
Sargent & Greenleaf Inc., 1	24 Seneca Ave, Rochester	NY
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
Sunshine Scientific Instrument, 2-3	1810 Grant Ave, Philadelphia 15	Pa
Taylor Instrument Cos., 2	95 Ames St. Rochester	NY
TECHNOLOGY INSTRUMENT CORP., 3, Adv Pgs 83, 84	533 Main St. Acton	Mass
Tracerlab, Inc., 3	1601 Trapelo Rd. Waltham 54	Mass
Trans-Sonics, Inc., 3	Box 328, Lexington 73	Mass
VACTRONIC LAB. EQUIPMENT, INC., 3, Adv Pg 560	21 Mammoth Ct. East Northport	NY
WEINSCHEL ENGINEERING CO. INC., 3 Adv Pgs 51-54, 55	10503 Metropolitan Ave. Kensington	Md
Western Scientific Instrument Co. Inc., 1-2-3	810 Warrington Ave. Redwood City	Cal
Westinghouse Instrument Dept., 2	Newark	NJ
Whitehall Electronics Corp., 1-3	1645 Hennepin Ave. Mnpls 3	Minn

CALIBRATORS –*CRYSTAL*

Ascop Div of Electro-Mechanical Research, Inc	Box 44, Princeton	NJ
Canadian Aviation Electronics Ltd	Box 2030, Montreal 9	P.Q.
Decker Corp	45 Monument Rd. Bala Cynwyd	Pa
Electro-Mechanical Research, Inc	Box 3041, Sarasota	Fla
Ferris Instrument Co	110 Cornelia St, Boonton	NJ
Greenray Industries, Electronics's Div	Mechanicsburg	Pa
Heath Co. A Sub of Daystrom, Inc	Benton Harbor	Mich
Instrument Corp. of Florida	Box 1225, Melbourne	Fla
KAY ELECTRIC CO Adv Pg 347, 348	Maple Ave. Pine Brook	NJ
Loral Electronics Corp	825 Bronx River Ave, New York 72	NY
MARCONI INSTRUMENTS Adv Pgs 401, 402	111 Cedar Lane, Englewood	NJ
Marconi's Wireless Telegraph Co. Ltd	750 3rd Ave, New York 17	NY
Measurements A McGraw-Edison Div	Boonton	NJ
Radio Frequency Labs., Inc	Boonton 2	NJ

CALIBRATORS –*FREQUENCY*

1. A-F 2. MICROWAVE 3. R-F

Airtec, Inc., 2	129 E. First Ave, Roselle	NJ
Americ, Inc., 2	Cummings Rd, Beverly	Mass
Armec Corp., 1	116 W Hills Rd. Huntington Sta.	NY
Bristol Brass Co., 2-3	580 Broad St, Bristol	Conn
Computer-Measurements Co., 1-3	12970 Bradley Ave. Sylmar	Cal
CONTROL ELECTRONICS CO. INC., 2-3 Adv Pg 444	10 Stepar Pl. Huntington Sta	NY
Data Equipment Co., 1-2-3	923 E. 3rd St, Los Angeles 13	Cal
Decker Corp., 1-3	45 Monument Rd. Bala Cynwyd	Pa
DeMORNAY-BONARDI CORP., 2, Adv. Pgs. 178, 179	780 S Arroyo Pkwy. Pasadena	Cal
DOUGLAS MICROWAVE CO. INC., 2, Adv Pg 235	252 E 3rd St. Mt Vernon	NY
Dytronics, 1	Box 3675, Columbus 14	Ohio
Electromagnetic Technology Corp., 2	1375 California Ave. Palo Alto	Cal
Electronic Applications Inc., 2	194 Richmond Hill Ave. Stamford	Conn
FXR INC., 2, Adv Pgs 100, 101	25-26 50th St. Woodside 77	NY
Fork Standards Inc., 1	1915 N Harlem Ave. Chicago 35	Ill
Frequency Standards, Div., Harvard Industries, Inc., 2	P.O. Box 504, Asbury Park	NJ
FRONTIER ELECTRONICS CO., 1-3, Adv Pg 193	4606 Memphis Ave. Cleveland 9	Ohio

General Communication Co., 2	677 Beacon St, Boston 15	Mass
General Microwave Corp., 2-3	47 Gazza Blvd. Farmingdale	NY
Gertsch Products, Inc., 2-3	3211 S. La Cienega, Los Angeles 16	Cal
Gyrex Corp., 1	3003 Pennsylvania Ave, Santa Monica	Cal
INDUSTRIAL TEST EQUIPMENT CO., 1, Adv Pg 422	**55 E 11th St. New York 3**	**NY**
International Crystal Mfg Co., 3	18 N Lee St. Oklahoma City	Okla
Intl. Tel. & Tel. Corp. Ind. Prods. Div., 1-2-3	15191 Bledsoe St. San Fernando	Cal
KAY ELECTRIC CO., 3 Adv Pg 347, 348	**Maple Ave. Pine Brook**	**NJ**
Kurston Electronics, 1-3	702 Bay St. Staten Island	NY
Laboratory for Electronics, Inc., 2	1079 Commonwealth, Boston 15	Mass
Measurements A McGraw-Edison Div., 3	Boonton	NJ
Medistor Instrument Co., 1	1443 Northlake Way, Seattle	Wash
Micro-Now Instrument Co., 2	6345 N. Tripp Ave, Chicago 46	Ill
Microwave Associates, Inc., 2	Burlington	Mass
Microwave Components, Inc., 2	Doylestown	Pa
MICROWAVE CORP. OF AMERICA, 2-3, Adv Pg 462	**P.O. Box 278, Stamford**	**Conn**
Microwave Dynamics Corp., 2-3	5 Fairchild Ct. Plainview	NY
NORTHEASTERN ENGINEERING INC., 3, Adv Pgs 289-292	**P. O. Box 150, Manchester**	**NH**
Orion Electronic Corp., 1-3	108 Columbus Ave. Tuckahoe	NY
PANORAMIC ELECTRONICS, INC., 1-3 Adv Pg 449	**520 S Fulton Ave. Mt Vernon**	**NY**
Philco Corp. Govt & Ind Div., 2-3	4700 Wissahickon Ave. Phila 44	Pa
POLARAD ELECTRONICS CORP., 2-3 Adv Pg 269-272	**43-20 34 St. Long Island City 1**	**NY**
PORTCHESTER INSTRUMENT CORP., 2, Adv Pg 468	**114 Wilkins Ave. Port Chester**	**NY**
PREMIER MICROWAVE CORP., 2, Adv Pg 469	**33 New Broad St. Port Chester**	**NY**
Probescope Co. Inc., 1-3	8 Sagamore Hill Dr. Port Washington	NY
R.L.C. Electronics, Inc., 2	105 Mamaroneck Ave. Mamaroneck	NY
Sage Laboratories, Inc., 2	3 Huron Dr, Natick	Mass
Sargent & Greenleaf Inc., 1	24 Seneca Ave. Rochester	NY
SHIMADA PHYSICAL & CHEMICAL INDUSTRIAL CO., 2 Adv Pg 258	**415 Shibazakicho.chofu-city, Tokyo**	**Jap**
Sperry Microwave Electronics Co., 2	P.O. Box 1828, Clearwater	Fla
TELERAD DIV. LIONEL CORP., 2, Adv Pgs 220, 221	**Rt 69, Flemington**	**NJ**
United Shoe Machinery Corp., 2	140 Federal St. Boston	Mass
Waugh Engineering Co., 3	7842 Burnet Ave. Van Nuys	Cal
Wayne Kerr Corp., 2-3	1633 Race St. Philadelphia 3	Pa
Wells Electronics Co., 3	1701 S Main St. South Bend 23	Ind

CALIBRATORS - *METER*

Advanced Measurement Instruments Inc	109 Dover St. Somerville 44	Mass
BALLANTINE LABS. INC., Adv Pg 156	**Boonton**	**NJ**
Bell Inc., F. W.	1356 Norton Ave. Columbus 12	Ohio
Booth Co., Arthur E.	265 S. Alexandria Ave, Los Angeles 4	Cal
Bristol Brass Co	580 Broad St, Bristol	Conn
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
DAVENPORT MFG. DIV.-DUNCAN ELEC. CO., Adv Pg 451	**2530-32 N Elston Ave. Chicago 47**	**Ill**
Daystrom Inc., Weston Instruments Div	614 Frelinghuysen Ave, Newark 12	NJ
Decker Corp	45 Monument Rd. Bala Cynwyd	Pa
DeMORNAY-BONARDI CORP., Adv. Pgs. 178, 179	**780 S Arroyo Pkwy. Pasadena**	**Cal**
Electro Instruments, Inc	8611 Balboa Ave, San Diego 11	Cal
FXR INC., Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Gerber Scientific Instrument Co	89 Spruce St, Hartford 1	Conn
GRAY INSTRUMENT CO., Adv Pg 480	**448 Mill Rd. Andalusia**	**Pa**
Jerrold Electronics Corp	15th & Lehigh, Philadelphia 32	Pa
Krohn-Hite Corp	580 Massachusetts Ave. Cambridge 39	Mass
Mid-Eastern Electronics, Inc	32 Commerce St, Springfield	NJ
National Instrument Labs., Inc	826 Evarts St N.E., Washington	DC
NON-LINEAR SYSTEMS INC., Adv Pgs 334, 335	**Box 728, Del Mar**	**Cal**
NORTH HILLS ELECTRONICS INC., Adv Pg 505	**Glen Cove**	**NY**
Radio Frequency Labs., Inc	Boonton 2	NJ
Simpson Electric Co. Div. American Gage & Machine Co	5218 W Kinzie St. Chicago 44	Ill
Telectro Industries Corp	35-16 - 37th St. Long Island City 1	NY
Tensor Electric Development Co. Inc	1873 Eastern Pkwy. Brooklyn	NY

CALIBRATORS - *RADAR RANGE*

Amerac, Inc	Dunham Rd, Beverly	Mass
Bristol Brass Co	580 Broad St, Bristol	Conn
CONTROL ELECTRONICS CO. INC., Adv Pg 444	**10 Stepar Pl. Huntington Sta**	**NY**
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
Laboratory For Electronics, Inc	1079 Commonwealth Ave. Boston 15	Mass
Marconi's Wireless Telegraph Co. Ltd	750 3rd Ave. New York 17	NY
Missouri Research Labs., Inc	2109 Locust St, St. Louis 3	Mo
RMS Associates, Inc	805 Mamaroneck Ave. Mamaroneck	NY
Remanco, Inc	1805 Colorado, Santa Monica	Cal
Spectra Electronics Co	25 E. 3rd St, Mt. Vernon	NY
Sperry Microwave Electronics Co	P.O. Box 1828, Clearwater	Fla
Telemetrics, Inc	12927 S Budlong, Gardena	Cal
TELERAD DIV. LIONEL CORP., Adv Pgs 220, 221	**Rt 69, Flemington**	**NJ**
Turbo Machine Co	840 N Main St. Lansdale	Pa
WATERMAN PRODUCTS CO. INC., Adv Pg 186	**2445 Emerald St. Philadelphia 25**	**Pa**

CALIBRATORS - *SWEEP* See GENERATORS - *SIGNAL*

CALIBRATORS - *TRANSDUCER (Incl. ACCELEROMETERS, MICROPHONES & STRAIN GAGES)*

Aerospace Controls	602 Colorado Ave. Santa Monica	Cal
American Research & Mfg. Corp	920 Halpine Ave. Rockville	Md
ANADEX INSTRUMENTS INC., Adv Pg 435	**14734 Arminta St. Van Nuys**	**Cal**
APPLIED ELECTRONICS CORP. OF NJ, Adv Pg 518	**22 Center St. Metuchen**	**NJ**
Ameux Corp	11924 W. Washington Blvd, L.A. 66	Cal
Atlantic Research Corp	Shirley Hwy. at Edsall Rd. Alexandria	Va
Automation Industries, Inc., Datran Div	1836 Rosecrans Ave. Manhattan Beach	Cal
B & F Instruments Inc	3644 N Lawrence St. Philadelphia 40	Pa
Baldwin-Lima Hamilton Corp	42 4th Ave. Waltham 54	Mass
Bruel & Kjaer	Lindevalle 23, Naerum, Denmark	
Consolidated Electrodynamics Corp	360 N. Sierra Madre Villa, Pasadena	Cal
Cooper Development Corp	2626 S. Peck Rd, Monrovia	Cal
Crystal Research Inc	42 Concord Ln. Cambridge	Mass
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
Daystrom-Wiancko Eng Co	255 N Halstead Ave, Pasadena	Cal
Decker Corp	45 Monument Rd. Bala Cynwyd	Pa
Gertsch Products, Inc	3211 S La Cienega Blvd. Los Angeles 16	Cal
Giannini Controls Corp	1600 S. Mountain Ave, Duarte	Cal
Gilmore Industries, Inc	13015 Woodland Ave. Cleveland 20	Ohio
Gulton Industries, Inc	212 Durham Ave. Metuchen	NJ
Intl. Tel. & Tel. Corp. Ind. Prods. Div	15191 Bledsoe St. San Fernando	Cal
Ling Electronics Div. Ling-Temco Electronics, Inc	1515 S Manchester Ave. Anaheim	Cal
McIntosh Co., J. R. C.	Box 298, El Dorado	Cal
MB ELECTRONICS A DIV. OF TEXTRON ELECTRONICS INC., Adv Pg 353	**Box 1825, New Haven 8**	**Conn**
NORTH ATLANTIC INDUSTRIES INC., Adv Pg 344	**Terminal Dr. Plainview**	**NY**
Photocon Research Products	421 N. Altadena Dr, Pasadena	Cal
Roanwell Corp	180 Varick St. New York 14	NY
Tang Industries Inc	400 Main St. Waltham 54	Mass
Trans-Sonics, Inc	Box 328, Lexington 73	Mass
UNHOLTZ-DICKIE CORP Adv Pg 363	**2994 Whitney Ave. Hamden 18**	**Conn**
Wayne Kerr Corp	1633 Race St. Philadelphia 3	Pa

CALIBRATORS - *VOLTAGE* See VOLTMETERS

CALIBRATORS - VSWR See DETECTORS - *STANDING-WAVE*

CALORIMETERS - *MICROWAVE POWER*

Chandler Electronics Corp	Gillespie Field, Santee	Cal
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
EITEL-McCULLOUGH INC., Adv Pgs 57-60	**301 Industrial Way, San Carlos**	**Cal**
ELECTRO IMPULSE LAB. INC., Adv Pg 357	**208 River St. Red Bank**	**NJ**
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
HALLICRAFTERS CO., Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
HEWLETT-PACKARD CO., Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
JONES ELECTRONICS CO INC, M C, SUB BENDIX CORP Adv Pg 131	**185 N Main St. Bristol**	**Conn**
PRD ELECTRONICS, INC., Adv. Pgs. 113-116	**202 Tillary St. Brooklyn 1**	**NY**
SHIMADA PHYSICAL & CHEMICAL INDUSTRIAL CO., Adv Pg 258	**415 Shibazakicho.chofu-city, Tokyo**	**Jap**
SIERRA ELECTRONIC CORP., Adv Pgs 128, 129	**3885 Bohannon Dr. Menlo Park**	**Cal**
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
Varian Associates	611 Hansen Way, Palo Alto	Cal
Wayne Kerr Corp	1633 Race St. Philadelphia 3	Pa
WEINSCHEL ENGINEERING CO., INC Adv Pgs 51-54, 55	**10503 Metropolitan Ave, Kensington**	**Md**

CAMBRIC See FABRIC PARTS: FABRIC

CAMERA PICKUP TUBES See TUBES - *CATHODE-RAY*

CAMERAS - *INFRARED* See INFRARED DEVICES

CAMERAS - *PHOTOGRAPHIC*

1. *COPYING (FOR PRINTED CIRCUIT & ETCHED COMPONENT PRODUCTION)*
2. *DATA-RECORDING (EXCEPT OSCILLOSCOPE)*
3. *OSCILLOSCOPE*
4. *RADAR RECORDING*
5. *X-RAY*
6. *HIGH-SPEED STOP-MOTION & RESEARCH*

ABRAMS INSTRUMENT CORP., 2-4, Adv Pg 415	**606 E Shiawassee, Lansing**	**Mich**
Advance Process Supply Co., 1	2315 W Huron St. Chicago 12	Ill
Amsterdam Continental Types & Graphic Eqpt Inc, 1	276 Park Ave. S, New York 10	NY
Ansco Instrument Corp., 3	30 Canfield Rd, Cedar Grove	NJ
Avco Research & Advanced Devel. Div., 6	201 Lowell St. Wilmington	Mass
Bach Auricon Inc., 2-4-5	6924 Romaine St. Hollywood 38	Cal
Beattie-Coleman, Inc., 2-3-4-5	1000 N. Olive St, Anaheim	Cal
Beckman & Whitley, Inc., 2-6	993 San Carlos Ave. San Carlos	Cal
Benson-Lehner Corp., 2-3	1860 Franklin, Santa Monica	Cal
BURKE & JAMES INC., 1-2-3, Adv Pg 553	**321 S Wabash Ave. Chicago 4**	**Ill**
CBS Laboratories, 2-4	227 High Ridge Rd. Stamford	Conn
Canadian Applied Research Ltd., 2-4	750 Lawrence Ave W. Toronto 19	Can
Chadwick Helmuth Co., 2-4-6	472 E Duarte Rd. Monrovia	Cal
Computing Devices of Can. Ltd., 2-6	Box 508, Ottawa, Ont.	Can
Copymation, Inc., 1	5650 N. Western, Chicago 18	Ill
Daco Instrument Co., 6	Tillary & Prince Sts. Brooklyn 1	NY
Data Equipment Co., 2-3	923 E. 3rd St, Los Angeles 13	Cal
Dietzgen Co., Eugene, 2	2425 N Sheffield Ave. Chicago 14	Ill
Dresser Electronics SIE Div., 2	10201 Westheimer Rd. Houston 42	Tex
EMI-Cossor Electronics Ltd., 3	Box 525 Dartmouth NS	Can
EDGERTON, GERMESHAUSEN & GRIER, INC., 3-6, Adv Pg 284	**160 Brookline Ave. Boston**	**Mass**
Electro-Medical Lab., Inc., 3	South Woodstock 8	Vt
Electro Radiation Inc., 2-6	11916 W Pico Blvd. Los Angeles 64	Cal
Electrodynamic Instrument Corp., 2	1841 Old Spanish Trail, Houston 25	Tex
Electronic Tube Corp., 3	1200 E. Mermaid Ln, Philadelphia 18	Pa
ETCHOMATIC INC., Adv Pg 520	**182 Newton St. Waltham 54**	**Mass**
Fairchild Camera & Instrument Corp. Defense Prods Div., 4	Robbins Ln. Syosset	NY
Fairchild Camera & Instrument Corp. Ind Prods Div., 2-3-6	580 Midland Ave. Yonkers	NY
Ferranti Electric Inc., 2	Industrial Park #1, Plainview	NY
Field Emission Corp., 5-6	611 3rd St. McMinnville	Ore
Flight Research, Inc., 2-3-4-6	Box 1-F, Richmond 1	Va
General Aniline & Film Corp., Ansco Div., 2-4	Vestal Pkwy E., Binghamton	NY
General Electric Co., X-Ray Dept., 2-4-5	4855 Electric Ave, Milwaukee	Wisc
Geotechnical Corp., 2-3	3401 Shiloh Rd, Garland	Tex
Gordon Enterprises, 1-2-3-4-6	5362 N Cahuenga Blvd. N Hollywood	Cal
Hathaway Instruments Inc., 3	5250 E Jewell Ave. Denver 22	Colo
HEWLETT-PACKARD CO., 3, Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
Hogan Faximile Corp., 2	635 Greenwich St. New York 14	NY
ITT Labs, Components & Instr Div., 6	3700 E Pontiac St. Ft. Wayne	Ind
Instrument Corp. of Florida, 2	Box 1226, Melbourne	Fla
Intectron Inc., 1-2	2300 Washington St. Newton Lower Falls	Mass
Intl. Tel. & Tel. Corp. Ind. Prods. Div., 3	15191 Bledsoe St. San Fernando	Cal
Ippolito & Co., Inc., James, 6	1624 Stillwell Ave. Bronx 61	NY
Kahl Scientific Instrument Corp., 6	737 W Main St. El Cajon	Cal
Land-Air, Inc., 5	7444 W. Wilson Ave, Chicago 31	Ill
Minn-Honeywell, Military Prods Gr., 2	2600 Ridgeway Rd. Minneapolis 13	Minn
National Cine Equipment Inc., 6	209 W 48 St. New York 36	NY
Nugent Electronics Co. Inc., 2-3	802 E 8th St. New Albany	Ind
Optics Technology Inc., 2	248 Harbor Blvd. Belmont	Cal
Optomechanisms, Inc., 2-3-4	216 E. Second St, Mineola	NY
PANORAMIC ELECTRONICS, INC 3 Adv Pg 449	**520 S Fulton Ave. Mt Vernon**	**NY**
Par Products Corp., 2-3-6	602 Colorado Ave. Santa Monica	Cal
Philips Electronic Instruments, 5	750 S. Fulton Ave, Mt. Vernon	NY
Photo Electronics Corp., 2-6	1547 10th St. Santa Monica	Cal
Photographic Instrumentation Devel Co., 2-3-4	15450 Ventura Blvd, Tarzana	Cal
Photomechanisms Inc., 2-3-4-5	15 Stepar Pl. Huntington Sta	NY
Photostat Corp., 1	1001 Jefferson Rd. Rochester 3	NY
Picker X Ray Corp., 5	White Plains	NY
Printronics Corp., 1	3127 El Camino Real, Palo Alto	Cal
Producers Sales Corp., 2-6	920 S Mariposa, Burbank	Cal
Rank Cintel Ltd., 4	Worsley Bridge Rd, London S.E. 26, England	
RIBET DESJARDINS, 3, Adv Pgs 229-232	**13-17 Rue Perier, Montrouge Seine**	**Fr**
Southern Instruments Ltd., 3	Frimley Rd. Camberley, Surrey	Eng
Strand Engineering Co., 4	7300 Huron River Dr. Dexter	Mich
SYNTRONIC INSTRUMENTS INC., 6, Adv Pg 434	**100 Industrial Rd. Addison**	**Ill**
Tektronix Inc., 3	Box 500, Beaverton	Ore
Telco Inc., 2	47 Rue De La Div. Leclerc, Gentilly	Fr
Tracerlab, Inc., 5	1601 Trapelo Rd, Waltham 54	Mass
X-Ray Products Corp., 5	7829 Industry Ave, Pico-Rivera	Cal

CAMERAS - TV

Argus Cameras Inc. Div. Sylvania Elec Prods Inc	405 4th St. Ann Arbor	Mich
Bach Auricon Inc	6924 Romaine St. Hollywood 38	Cal
Bendix Corporation, Friez Instrument Div	1400 Taylor Ave. Baltimore 4	Md
Blonder-Tongue Laboratories, Inc	Dept EBG, 9 Alling St. Newark 2	NJ
BURKE & JAMES INC., Adv Pg 553	**321 S Wabash Ave. Chicago 4**	**Ill**
CBS Laboratories	227 High Ridge Rd. Stamford	Conn
Dage Div Thompson Ramo Wooldridge, Inc	Michigan City	Ind
EMI-Cossor Electronics Ltd	Box 525 Dartmouth NS	Can
Flight Research, Inc	P.O. Box 1-F, Richmond 1	Va
Foto-Video Electronics, Inc	36 Commerce Rd, Cedar Grove	NJ
Gordon Enterprises	5362 N. Cahuenga Blvd, N. Hollywood	Cal
Hallamore Electronics Div. Siegler Corp	714 N Brookhurst Ave. Anaheim	Cal
ITT Labs, Components & Instr Div	3700 E Pontiac St. Ft. Wayne	Ind
KIN TEL DIV. COHU ELECTRONICS, Adv Pgs 244, 245, 247	**5725 Kearny Villa Rd. San Diego 12**	**Cal**
Marconi's Wireless Telegraph Co., Ltd	750 Third Ave, New York 17	NY
Norden Div. United Aircraft Corp	Helen St. Norwalk	Conn
Philco Corp., Gov't & Ind'l Div	4700 Wissahickon Ave, Philadelphia 44	Pa
Resitron Laboratories, Inc	2908 Nebraska Ave, Santa Monica	Cal
Sarkes Tarzian, Broadcast Equipment Div	E. Hillside Dr, Bloomington	Ind
Sylvania Elec Prods Inc. Home Electronics Div	700 Ellicott St. Batavia	NY
Television Utilities Corp. Div. Nord	300 Denton Ave. New Hyde Park	NY

CAMS & GEARS-ANALOG COMPUTER FEED *(Incl. NONCIRCULAR GEARS)*

Arch Gear Works Inc	97 Holmes St. North Quincy 71	Mass
Atlas Precision Products Co	3801 Castor Ave, Philadelphia 24	Pa
Avon Gear & Engineering Co	2011 Rice St. Melrose Park	Ill
Computer Sciences, Inc	603 Main St. Westbury	NY
CUNNINGHAM INDUSTRIES INC., Adv Pg 535	**56 Hubbard Ave. Stamford**	**Conn**
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
DeLandri Prec. Elements Co., Inc	39 School St, Yonkers	NY
Dynamic Gear Co. Inc	175 Dixon Ave. Amityville	NY
Eisler Engineering Co., Inc	751 S. 13 St, Newark 3	NJ
GAP INSTRUMENT CORP., Adv Pg 484	**S Main St. Newtown**	**Conn**
Gear Specialties, Inc	2635 W. Medill Ave, Chicago 47	Ill
Genex Corp. Industrial Div	1200 Commerce Ave. Union	NJ
General Aniline & Film Corp., Ansco Div	Vestal Pkwy E., Binghamton	NY
General Mills, Inc	1620 Central Ave. Minneapolis 13	Minn
Industrial Engravers, Inc	2212 McDonald Ave, Brooklyn 23	NY
Insta-Lec Corp	520 Homestead Ave, Mt. Vernon	NY
Instrument Gear Works, Inc	4624 N. Oketo, Chicago 31	Ill
Instrument Systems Corp	129-07 18th Ave. College Point 56	NY
Kinetic Instrument Corp	1070 Linwood St. Brooklyn 8	NY
P I C Design Corp. Sub. Benrus Watch Co	477 Atlantic Ave. E Rockaway	NY
Perkins Machine & Gear Co	West Springfield	Mass
Precision Mechanisms Corp	577 Newbridge Ave, East Meadow	NY
Reeves Instrument Corp	Roosevelt Field, Garden City	NY
Research Development Mfg. Inc	429 E Collom St. Phila. 44	Pa
Servo Development Corp	2 Willis Ct. Hicksville	NY
Sierra Engineering Co	123 E Montecito Ave. Sierra Madre	Cal
Superior Mfg. & Instrument Co	36-07 20th Ave. Long Island City	NY
Tang Industries Inc	400 Main St. Waltham 54	Mass
Thermovolt Instruments Ltd	70 Advance Rd. Toronto 18	Ont
United Fabricators Electronics, Inc	Stillwater	Minn
U.S. Science Corp	5221 W. 102nd St, Los Angeles 45	Cal
Western Gear Corp., Electro Prods. Div	132 W. Colorado, Pasadena 1	Cal

CAN LINERS See INSULATORS - *CAN LINER*

CANS See Also CASES - *DIODE & TRANSISTOR*; HOUSINGS

ABALON PRECISION MFG CORP., Adv Pg 539	**540 Casanova St. New York 59**	**NY**
Alpo, Inc	251 West St, South Hackensack	NJ
Arnold Engineering Co. Pacific Div	1551 E Orangethorpe Ave. Fullerton	Cal
Brooks & Perkins, Inc	1950 W Fort St. Detroit 16	Mich
Carroll Pressed Metal Inc	133 Dewey St. Worcester	Mass
CLY-DEL MFG CO., Adv Pg 400	**42 Sharon Rd. Waterbury**	**Conn**
Concertapes, Inc	P.O. Box 88, Wilmette	Ill
Cycle Products Co. Inc	123 Central Ave. Newark 2	NJ
Ellisco Inc	4082 N American St. Philadelphia 40	Pa
Eugene Engineering Co Inc	1217 Hyde Park Ave. Hyde Park 36	Mass
Genex Corp. Industrial Div	1200 Commerce Ave. Union	NJ
GREAT EASTERN METAL PRODUCTS CO., Adv Pg 452	**22 Woodworth Ave. Yonkers**	**NY**
Henry & Miller Industries, Inc	675 Garfield Ave, Jersey City 5	NJ
Hudson Tool & Die Co., Inc	18 Malvern St, Newark 5	NJ
Masonware Co	Dexter Rd, East Providence 14	RI
Meridian Metalcraft, Inc	8739 S Millergrove Dr. Whittier	Cal
Millen Mfg. Co., James	150 Exchange St, Malden	Mass
Ross Co., Milton	289 Jacksonville Rd, Hatboro	Pa
Sexton Can Co., Inc	31 Cross St, Everett 49	Mass
Shawmut Engineering Co	195 Freeport St. Boston	Mass
Silicone Seals, Inc	3694 Milwaukee Ave, Chicago 41	Ill
Stone City Products Co	1206-7th St. Bedford	Ind
Sylvania Electric Products Inc. Parts Div	12 2nd Ave. Warren	Pa
York Metal Products, Inc	350 Greenwich St, New York 13	NY
Zero Mfg. Co	1121 Chestnut St, Burbank 71	Cal

CAPACITANCE BRIDGES See BRIDGES
CAPACITANCE COMPARATORS See COMPARATORS
CAPACITANCE METERS See BRIDGES; METERS
CAPACITANCE-OPERATED CONTROLS See CONTROLS -CAPACITANCE-OPERATED; CONTROLS -DOOR
CAPACITANCE STANDARDS See STANDARDS
CAPACITOR ANALYZERS See TESTERS -CAPACITOR
CAPACITOR BOARDS See BOARDS -CAPACITOR
CAPACITOR BOXES See BOXES -DECADE & EIA VALUES

CAPACITOR DISKS -CERAMIC, PRINTED-CIRCUIT

Accurate Specialties Co. Inc. .... 345 Lodi St. Hackensack .... NJ
Aerovox Corp. .... 740 Belleville Ave. New Bedford .... Mass
Allen-Tech Inc .... 141 River Rd. Nutley .... NJ
AMERICAN LAVA CORP., Adv Pg 237 .... Cherokee & Mtgrs Rd. Chattanooga 5 .... Tenn
Astron Corp .... 255 Grant Ave. E Newark .... NJ
[illegible] Corp. Industrial Div .... [illegible] .... NJ
Lear Inc .... 3171 S Bundy Dr. Santa Monica .... Cal
[illegible] .... 214 Academy St. Hampton .... Va
[illegible] .... [illegible] Ill
San Fernando Electric Mfg Co .... [illegible] .... Cal
[illegible] Corp .... [illegible], Los Angeles .... Cal
TAIYO YUDEN CO. LTD., Adv Pg 254 .... 25 Kesde-gokeo-cho, Chiyoda-ku, Tokyo .... Jap
Telecomputing Corp. Elec Comps Div .... [illegible] North Hollywood .... Cal
[illegible] Co. .... [illegible] Fullerton, Chicago 14 Ill
[illegible] Co. Inc. .... [illegible] Parsons Blvd. Jamaica 32 .... NY
United Mineral & Chemical Corp. .... 16 Hudson St. New York 13 .... NY

CAPACITOR FILMS See PLASTICS -FILM
CAPACITOR-MANUFACTURING MACHINES See MACHINES -CAPACITOR-MANUFACTURING
CAPACITOR PAPER See PAPER
CAPACITOR -RESISTOR MODULES See MODULES -PASSIVE

CAPACITORS -FIXED

1. CERAMIC	15. PAPER, METALLIZED
2. COMPOSITION	16. PARALLEL R-C
3. ELECTROLYTIC	17. PLASTIC FILM (MYLAR, POLYSTYRENE, TEFLON, ETC)
4. ELECTROLYTIC, SUB-MINIATURE	18. PLASTIC FILM, METALLIZED
5. ENERGY-STORAGE	19. POWER-FACTOR
6. FEED-THROUGH	20. PRECISION AIR
7. GAS-FILLED	21. PULSE-FORMING NETWORKS
8. GLASS	22. SILICONE-FILLED
9. HERMETICALLY SEALED	23. SILVERED-MICA
10. HIGH-VOLTAGE	24. STAND-OFF
11. MICA	25. TANTALUM
12. MOTOR-STARTING	26. TEMPERATURE-COMPENSATING
13. OIL-FILLED	27. VACUUM
14. PAPER	28. VITREOUS ENAMEL

A. O. I. P., 11-14 .... 23 Pl. Jeanne d'Arc, Paris 13 .... Fr
Accurate Specialties Co. Inc., 25 .... 345 Lodi St. Hackensack .... NJ
Aerotron Supply Co., 1-11-14-15 .... [illegible] .... Cal
Aerovox Corp., 1-2-3-4-5-6-9-10-11-12-13-14-15-16-17-18-19-21-23-24-25-26 .... 740 Belleville Ave. New Bedford .... Mass
Air-O-Tronics Engineering Co., 1-6-[illegible] .... [illegible] .... NY
Airborne Accessories Corp., 3-6-[illegible]-11-12-15-17-18 .... 1414 Chestnut Ave. Hillside 5 .... NJ
Allen Avionics Inc., 21-26 .... 255 E 2nd St. Mineola .... NY
Allen-Bradley Co., 1-6-24 .... 136 W Greenfield Ave. Milwaukee 4 .... Wis
Almac Plastics Inc., 17-18 .... 600 Broadway, New York 12 .... NY
American Capacitor Co. [illegible] .... 32 High St. Amesbury .... Mass
AMERICAN LAVA CORP., 1-6-10-26, Adv Pg 237 .... Cherokee & Mtgrs Rd. Chattanooga 5 .... Tenn
American Machine & Foundry Co., 1 .... 1025 N Royal St. Alexandria .... Va
American Machine & Foundry Co., Government Products Group, 1 .... 1701 K St. N.W., Washington 6 .... DC
AMP INC., 10-11-13-14-15-17-21-22-26, Adv Pgs 65, 183 .... Eisenhower Blvd. Harrisburg .... Pa
ARCO ELECTRONICS INC., 2-3-4-5-9-10-11-12-16-17-18-23-26, Adv Pgs 14, 15, 200 .... Community Dr. Great Neck .... NY
Arnold Ceramics Inc., 3-4-12 .... 1 E 57th St. New York 22 .... NY
Astron Corp., 1-3-4-5-6-9-10-12-13-14-15-17-18-19-21-25-26 .... 255 Grant Ave. E Newark .... NJ
Atlee Corp. Vesco Div., 9-10-11-13-14-17-18-22 .... 27 Olive St. Greenfield .... Mass
AVNET INSTRUMENT CORP., 11-20, Adv Pgs 331, 364 .... 70 State St. Westbury .... NY
AXEL ELECTRONICS INC., 5-6-9-10-13-14-17-19-21-22, Adv Pg 398 .... 134-20 Jamaica Ave. Jamaica 18 .... NY
Baker [illegible], 5-9-10-17-18 .... 49-51 Edison Pl. Newark 2 .... NJ
Barco, Inc., 4-25 .... Box 1222, Milwaukee 1 .... Wisc
Bendix Corp. Cincinnati Div., 17 .... 3130 Wasson Rd. Cincinnati 8 .... Ohio
Bunny Mfg. Corp., 17 .... 146 Main St. Maynard .... Mass
British Radio Electronics, Ltd., 23 .... 1833 Jefferson Pl. NW, Wash 6 .... DC
Cambridge Thermionic Corp., 1 .... 445 Concord Ave. Cambridge 38 .... Mass
Capcon, Inc., 4-6-9-14-15-16-17-18-22 .... 61 Stanton St. New York 2 .... NY
Cardwell Condenser Corp., 20-26 .... 80 E Montauk Hwy. Lindenhurst .... NY
CENTRALAB ELECTRONICS, DIV. GLOBE-UNION, INC., 1-6-10-16-24-26, Adv. Pgs. 376, 377 .... 914Y E Keefe Ave. Milwaukee 1 .... Wis
Chemtronic Corp., 3 .... 2950 Foster Creighton Dr. Nashville 4 .... Tenn
CHICAGO CONDENSER CORP., 5-6-9-10-12-13-14-15-17-18-22-24, Adv Pg 542 .... 3255 W Armitage Ave. Chicago 47 Ill
Columbus Electronics Corp., 7-8-9-10 .... 1000 Saw Mill River Rd. Yonkers .... NY
Communication Equipment & Engineering, 1-2-9 .... 5648 W. Race Ave. Chicago Ill
Component Research Co. Inc., 9-10-17-18-22-26 .... 3019 S Orange Dr. Los Angeles 16 .... Cal
Components Inc., 4-25 .... Smith St. Biddeford .... Me
Connelly & Co., 17 .... Box 295, Menlo Park .... Cal
Conrad-Carson Electronics Inc., 26 .... 1347 Broadway, El Cajon .... Cal
Controls Co of America, Electron Div., 1 .... 811 W Broadway Rd. Tempe .... Ariz
CORNELL-DUBILIER ELECTRONICS DIV. FED PACIFIC ELEC CO., 1-2-3-4-5-6-9-10-11-12-13-14-15-17-18-19-23-25-26, Adv Pgs 148, 149 .... 50 Paris St. Newark 1 .... NJ
Corning Glass Works, Corning Electronic Components, 8-9 .... 550 High St. Bradford .... Pa
CORSON ELECTRIC MFG CORP., 5-9-10-14-17-19-21-22, Adv Pg 412 .... 540 39th St. Union City .... NJ
COSMIC RADIO CORP., 3-4-14, Adv Pg 533 .... 853 Whittier St. New York 59 .... NY
Cosmic Technological Inc., 10 .... 1028 Connecticut Ave. Washington 6 .... DC
Crystal-X Corp., 17-18 .... 403 Lenni Rd. Lenni Mills 2 .... Pa

DALE ELECTRONICS INC., 1, Adv Pgs 120, 121 .... Box 488, Columbus .... Neb
DEARBORN ELECTRONIC LABS INC., 5-6-8-9-10-13-14-16-17-18-19-21-22, Adv Pg 551 .... Box 3431, Orlando .... Fla
Deltex Electronic Div., Delta Explor. Co., Inc., 17 .... Drawer 2666, Jackson .... Miss
Dilectron Div. Bestran Corp., 1-10-16-26 .... 2659 S Myrtle Ave. Monrovia .... Cal
DOLINKO & WILKENS INC., 27, Adv Pg 540 .... 1901 - 7 Summit Ave. Union City .... NJ
Double "E" Products Co.,6-9-10-12-13-14-15-17-18-22 .... 208 Standard St. El Segundo .... Cal
Dumont-Airplane & Marine Instru. Inc., 3-13-14-22 .... P.O. Box 92, Clearfield .... Pa
E[illegible] Corp. 3-4 .... 5177 Overland Ave, Culver City .... Cal
ESC ELECTRONICS CORP., 21, Adv Pg 203 .... 534 Bergen Blvd. Palisades Park .... NJ
EDGERTON, GERMESHAUSEN & GRIER INC., 5, Adv Pg 284 .... 160 Brookline Ave. Boston .... Mass
EFCON Inc. Sub. Gen. Instrument Corp., 9-10-13-17-18-22-26 .... Patterson Pl. Roosevelt Fld. Garden City .... NY
Electrade Corp., 11 .... 11244 Playa St. Culver City .... Cal
Electro Capacitors Co., 3-4-5-9-12 .... 10132 Eden Ave. Oakland 3 .... Cal
Electro-Ceramics, Inc., 1-26 .... 12 State St. New Haven .... Conn
Electro-Ceramics, Inc., 5-10-26 .... 2645 S 2nd W. Salt Lake City 15 .... Utah
ELECTRO MOTIVE MFG. CO., 1-6-11-14-23, Adv Pg 201 .... S Park & John St. Willimantic .... Conn
Electron Products, Div. Marshall Industries, 6-9-10-12-13-14-15-17-18-21-22-26 .... 430 N Halstead St. Pasadena .... Cal
Emerson Plastics Corp., 24 .... 86 Vine St. Everett .... Mass
Erie Corp., 17 .... [illegible] .... NJ
Epic Inc., 7 .... 151 Nassau St. New York 38 .... NY
ERIE RESISTOR CORP., 1-6-9-10-11-19-23-24-25-26, Adv Pgs 280, 281 .... 644 W 12th St. Erie 6 .... Pa
Fansteel Metallurgical Corp., 3-4-5-9-25 .... 2200 Sheridan Rd. N Chicago Ill
Fast & Co. John E., 2-6-9-10-12-13-14-15-17-18-19-21-25 .... 3597 N Elston Ave. Chicago 18 Ill
Fedtro Inc., 3-4 .... Fed. Elect. Bldg. Rockville Centre .... NY
FILM CAPACITORS, INC., 5-9-10-13-14-15-17-18-19-21-22-26, Adv Pg 447 .... 3400 Park Ave. New York 56 .... NY
Filmohm Corp., 23 .... 48 W. 25 St. New York 10 .... NY
Filtron Co. Inc., 5-6-9-10-13-14-15-17-18-19-21-22 .... 131-15 Fowler Ave. Flushing .... NY
FUJI TSUSHINKI SEIZO K.K., 3-4-9-12-15-17-23-25, Adv Pg 259 .... 2, 3-Chome, Marunouchi Chiyoda-ku Tokyo .... Jap
G. B. Components Inc., 21 .... 14621 Arminta St. Van Nuys .... Cal
GENERAL ELECTRIC CO. APPARATUS SALES, 2-3-4-5-6-9-10-11-12-13-14-17-19-21-25-26, Adv Pgs 8, 9 .... 1 River Rd. Schenectady 5 .... NY
General Instrument Corp. Micamold Div., 4-6-9-10-11-12-13-15-17-18-22-25 .... 65 Governor St. Newark 4 .... NJ
General Laboratory Assoc. Inc., 5-6-9-10-11-13-14-17 .... 19 E Railroad St. Norwich .... NY
General Plastics Corp., 17 .... 55 La France Ave. Bloomfield .... NJ
General Products Corp., 9-14-17 .... 100 Salem St. Union Springs .... NY
General Radio Co., 11-17-20-21 .... West Concord .... Mass
Genisco Inc., 6-9-14-15-17-18 .... 4320 W Atlantic Circle, Los Angeles 45 .... Cal
Geotronic Labs. Inc., 17-18-22 .... 1314 Cedar Hill Ave. Dallas 8 .... Tex
Gilfillan Bros. Inc., 21 .... 1815 Venice Blvd. Los Angeles 6 .... Cal
Girard-Hopkins, 2-9-10-12-13-14-17-19 .... 1000-40th Ave. Oakland 1 .... Cal
Good-All Electric Mfg. Co., 1-3-4-9-14-15-17-18 .... 112 W 1st St. Ogallala .... Neb
Gudeman Co., 5-6-9-10-12-13-14-15-16-17-18-19-22 .... 340 W Huron St. Chicago 10 Ill
Guilton Industries, Inc., 1-8-26 .... 212 Durham Ave. Metuchen .... NJ
HARSHAW CHEMICAL CO., 5, Adv Pg 508 .... 1945 E 97th St. Cleveland 6 .... Ohio
ITT Components Div. Semiconductor Div., 25 .... Box 412, Clifton .... NJ
ILLINOIS CONDENSER CO., 3-4-5-12, Adv Pg 513 .... 1616 N Throop St. Chicago 22 Ill
Industrial Condenser Corp., 3-5-9-12-13-14-17-18-19 .... 3243 N California Ave. Chicago 18 Ill
INTERELECTRONICS CORP., 4-9-10-15-17-18-19, Adv Pg 521 .... 2432 Grand Concourse, New York 58 .... NY
JFD ELECTRONICS CORP., 26, Adv Pgs 406, 407 .... 6101 6th Ave. Brooklyn 4 .... NY
JENNINGS RADIO MFG CORP., 10-27, Adv Pg 434 .... 970 Mc Laughlin Ave. P O Box 1278, San Jose 8 .... Cal
Johnson Matthey & Mallory Ltd., 3-4-23-25 .... 110 Industry St. Toronto 15 .... Ont
Laminated Sheet Products Corp., 17 .... 449 Neponset St. Norwood .... Mass
Landsverk Electrometer Co., 17-18 .... 641 Sonora Ave. Glendale 1 .... Cal
LaPointe Industries, Inc., 20 .... 155 W. Main St. Rockville .... Conn
LAPP INSULATOR CO. INC. RADIO SPECIALITIES DIV., 7-10, Adv Pgs 340, 341 .... 31 Gilbert St. Le Roy .... NY
Lear Inc., 1-3-4-7 .... 3171 S Bundy Dr. Santa Monica .... Cal
Leclanché S. A., 3-4-9-10-12-13-14-17-18-25 .... Yverdon, Switzerland
Luther Electronic Mfg. Co., 5-9-10-13-14-17-21-22 .... 5721 W. Washington Blvd, Los Angeles 16 .... Cal
M. E. C., Inc., 3 .... 795 Berry Rd. Nashville .... Tenn
MACHLETT LABORATORIES INC., 27, Adv Pg 42 .... 1063 Hope St. Springdale .... Conn
Mabda Development Co., 1-6-10-24-26 .... 214 Academy St. Hampton .... Va
Mallory Capacitor Co., 3-4-5-9-10-12-13-14-15-17-25 .... 34 S Gray St. Indianapolis .... Ind
Marstan Electronics Corp., 6-10-26 .... 204 Babylon Tpk. Roosevelt .... NY
Materials for Electronics Inc., 18-25 .... 152-25 131 Ave. Jamaica 34 .... NY
MATSUSHITA ELECTRIC, 1-3-17-25, Adv Pg 255 .... Box 288, Osaka Central, Tokyo .... Jap
Minn-Honeywell, Military Prods Gr., 1 .... 2600 Ridgway Rd. Minneapolis 13 .... Minn
MITRONICS INC., 23, Adv Pg 548 .... 132 Floral Ave. Murray Hill .... NJ
MUCON CORP., 1-24-26, Adv Pg 520 .... 9 St Francis St. Newark 5 .... NJ
Muirhead & Co., Ltd., 11-14 .... Beckenham, Kent, England
Mullenbach Div., Electric Machinery Mfg. Co., 1 .... 2100 E. 27 St. Los Angeles 58 .... Cal
MURATA MFG. CO. LTD., 1, Adv Pg 256 .... Nagaoka-cho, Kyoto .... Jap
Muter Co., 1-6-24-26 .... 1255 S. Michigan, Chicago 5 Ill
NATIONAL RADIO CO., 1, Adv Pg 499 .... 37 Washington St. Melrose 76 .... Mass
New York Coil Co. Inc., 4-17 .... Phoenixville 12 .... Pa
NICHICON CAPACITOR LTD., 1-3-11-13-14-15-17-25, Adv Pg 264 .... Nishinotoin Shijo-Agaru, Nakagyo-Ku, Kyoto .... Jap
Nucleonic Products Co. Inc., 1 .... 3133 E 12th St. Los Angeles 23 .... Cal
OHMITE MFG. CO., 3-4-25, Adv Pgs 276, 277 .... 3601 Howard St. Skokie Ill
OKI ELECTRIC INDUSTRY CO. LTD., 1-15-17-25, Adv Pg 257 .... 10 Shiba Takahama-cho Minato-ku, Tokyo .... Jap
Onondaga Electronics Div. Speer Carbon Co., 1-16-26 .... 1810 W Fayette St. Syracuse 1 .... NY
Pacific Universal Products Corp., 8 .... 168 Vista Ave. Pasadena 8 .... Cal
PACKARD-BELL ELECTRONICS CORP. TECHNICAL PRODUCTS DIV., 1, Adv Pg 49 .... 12333 W Olympic Blvd. Los Angeles 64 .... Cal

Peschel Electronics, Inc., 10 .... Rt. 216, Towners, Patterson .... NY
PHYSICS RESEARCH LABS. INC., 20, Adv Pg 478 .... Box 555, Hempstead .... NY
Planet Mfg. Corp., 3-4 .... 225 Belleville Ave. Bloomfield .... NJ
Plasmonics Inc., 17 .... 631 E 1st St. Boston 27 .... Mass
Plastic Capacitors, Inc., 5-6-9-10-11-12-13-14-16-17-18-19-21-22 .... 2620 N Clybourn Ave. Chicago 14 Ill
Potter Co., The, 5-6-9-10-13-14-15-16-17-18-26 .... 1950 Sheridan Rd. North Chicago Ill
Precision Electronics, Inc., 18 .... 9101 King St. Franklin Park Ill
Presin Co. Inc., 15 .... 2014 Broadway, Santa Monica .... Cal
PYRAMID ELECTRIC CO., 3-4-6-9-10-12-13-14-15-17-18-22-25, Adv Pg 433 .... Orange St. Darlington .... SC
Quality Components Inc., 2 .... [illegible] .... Pa
Radiation Research Corp., 5-17-18 .... 1150 Shames Dr. Westbury .... NY
Radio Corp of America, Electron Tube Div., 25 .... 415 S 5th St. Harrison .... NJ
RADIO CORP. OF AMERICA SEMICONDUCTOR & MATERIALS DIV., 4-25, Adv Pg Insert Preceding 3rd Cover, 3rd Cover .... Rt 202, Somerville .... NJ
Radio Frequency Co., Inc., 13 .... 45 Park St. Medfield .... Mass
Radio Industries, Inc., 1-6-19-26 .... 666 Garland Pl. Des Plaines Ill
Radio Materials Co. Div., P. R. Mallory & Co. Inc., 1-26 .... 4242 W Bryn Mawr Ave. Chicago 46 Ill
Resitron Laboratories, Inc., 8-27 .... 2570 Nebraska Ave, Santa Monica .... Cal
RIXON ELECTRONICS INC., 10-21, Adv Pg 412 .... 2414 Reedie Dr. Silver Spring .... Md
Safe-T-Mike Corp., 3-5-12-13-14 .... 2904 Chapman St, Oakland 1 .... Cal
San Fernando Electric Mfg. Co., 1-3-4-5-6-9-12-13-14-15-17-18-21-22 .... 1509 1st St. San Fernando .... Cal
Sangamo Electric Co., 3-4-5-6-9-10-11-12-13-14-15-17-18-21-22-23-26 .... 1200 N. 11 St. Springfield Ill
Schjeldahl Co., G. T., 17-18 .... P.O. Box 170, Northfield .... Minn
Scientific Electronics Inc., 9-17-18 .... 3815 Cahuenga Bl. Burbank .... Cal
SCINTILLA DIV. BENDIX CORP., 5-6-9-10-11-14-19-23, Adv Pg 345 .... Sidney .... NY
Semiconductor Specialists, Inc., 25 .... 5706 W North Ave. Chicago 39 Ill
Solar Mfg. Corp., 1-10-24-26 .... 4553 Seville Ave, Los Angeles 58 .... Cal
SOUTHERN ELECTRONICS CORP., 5-9-10-17-18, Adv Pg 285 .... 150 W Cypress Ave. Burbank .... Cal
Sprague Electric Co., 1-3-4-5-6-9-10-11-12-13-14-15-17-18-19-21-23-24-25-26 .... 135 Marshall St. North Adams .... Mass
Sprague of Wisconsin, Inc., 1-26 .... [illegible] .... Wisc
Stackpole Carbon Co., 2 .... 201 Stackpole St. St. Marys .... Pa
Standard Condenser Corp. 8-9-10-13-14-15-17-18-19 .... 3749 N Clark St. Chicago 13 Ill
Standard Pressed Steel Co., 3-4-21 .... P.O. Box 775, Jenkintown .... Pa
Standard Tel. & Cables Ltd., 3-4-7-9-10-11-12-13-14-15-19-23-25-27 .... 29 Glasshouse Yard, London .... Eng
TAIYO YUDEN CO. LTD., 1-10-19-24-26, Adv Pg 254 .... 25 Kesde-gokeo-cho, Chiyoda-ku, Tokyo .... Jap
TANSITOR ELECTRONICS INC., 25, Adv Pg 228 .... 1000 West Rd. Bennington .... Vt
TECHNICAL APPARATUS BUILDERS, 1-3-10-11-13-14-23-27, Adv Pg 529 .... 109 Liberty St. New York 6 .... NY
Telecomputing Corp., 1-6-25-26 .... 915 N Citrus Ave. Hollywood .... Cal
Telecomputing Corp. Elec Comps Div., 1-6-9 .... 12838 Saticoy St. North Hollywood .... Cal
Telecho Industries Corp., 20 .... 35-16 - 37th St. Long Island City 1 .... NY
Telegraph Condenser Co. Ltd., 1-3-4-5-6-9-10-11-12-13-14-17-18-19-21-22-24-25-26 .... N Acton, London W3 .... Eng
Texas Capacitor Co. Div. K-C-R Corp., 9-17-18-19-22-26 .... 4710 Langley Rd. Houston 16 .... Tex
Texas Instruments Incorporated, Semiconductor-Components Div., 3-4-9-10-25 .... Box 5012, Dallas 22 .... Tex
United Electronic Mfg. Corp., 1 .... 642 39th St. Union City .... NJ
United Mineral & Chemical Corp., 1-6-17 .... 16 Hudson St. New York 13 .... NY
U.S. SEMICONDUCTOR PRODUCTS, INC., 3-4-25, Adv Pg 397 .... 3540 W Osborn Rd. Phoenix .... Ariz
VITRAMON INC., 1-6-8-9-10-28, Adv Pg 233 .... Box 544, Bridgeport 1 .... Conn
Wayne Kerr Corp., 7-20 .... 1633 Race St. Philadelphia 3 .... Pa
Wells Electronics Co., 11-21-23 .... 1701 S Main St. South Bend 23 .... Ind
Wells Co. Inc., Gary, 3-4 .... 16 W Jamaica Ave. Valley Stream .... NY
Zenith Radio Corp., 1 .... 6001 Dickens Ave. Chicago 39 Ill

CAPACITORS -VARIABLE

1. COAXIAL	7. TRIMMER, VACUUM OR GAS-FILLED
2. PRECISION CALIBRATED AIR	8. TUNING, RECEIVING
3. TRIMMER, AIR	9. TUNING, TRANSMITTING
4. TRIMMER, CERAMIC	10. VERNIER
5. TRIMMER, GLASS OR QUARTZ	11. VOLTAGE-VARIABLE
6. TRIMMER MICA	

Air-O-Tronics Engineering Co., 4 .... [illegible] .... NY
All Star Products, Inc., 3-8-10 .... P.O. Box 487, Defiance .... Ohio
AMERICAN LAVA CORP., 4, Adv Pg 237 .... Cherokee & Mtgrs Rd. Chattanooga 5 .... Tenn
ARCO ELECTRONICS INC., 6, Adv Pgs 14, 15, 200 .... Community Dr. Great Neck .... NY
Atlee Corp. Atlas Div., 5 .... 47 Prospect St. Woburn .... Mass
AVNET INSTRUMENT CORP., 2, Adv Pgs 331, 364 .... 70 State St. Westbury .... NY
Barker & Williamson, 9 .... Canal & Beaver Sts, Bristol .... Pa
British Radio Electronics, Ltd., 3 .... 1833 Jefferson Pl. N.W., Wash 6 .... DC
BUD RADIO INC., 3-9, Adv Pg 343 .... 2118 E 55th St. Cleveland 3 .... Ohio
Cambridge Thermionic Corp., 3-4 .... 445 Concord Ave. Cambridge 38 .... Mass
Cardwell Condenser Corp., 1-2-3-8-9-10 .... 80 E Montauk Hwy. Lindenhurst .... NY
CENTRALAB ELECTRONICS, DIV. GLOBE-UNION, INC., 4, Adv. Pgs. 376, 377 .... 914Y E Keefe Ave. Milwaukee 1 .... Wis
Columbus Electronics Corp., 7-9 .... 1000 Saw Mill River Rd. Yonkers .... NY
Component Research Co. Inc., 5 .... 3019 S Orange Dr. Los Angeles 16 .... Cal
Conrad-Carson Electronics Inc., 4 .... 1347 Broadway, El Cajon .... Cal
Cook Electric Co., 8 .... 2700 Southport Ave. Chicago 14 Ill
Corning Glass Works, Corning Electronic Components, 5-8-9 .... 550 High St. Bradford .... Pa
Culbertson Products, Inc., 3 .... 25 Sanson Ave, Madison .... NJ
Dielectric Products Engrg. Co. Inc., 1 .... Raymond .... Me
Don-Lan Electronics, Inc., 1 .... 1131 Olympic Blvd. Santa Monica .... Cal
ELECTRO MOTIVE MFG. CO., 6, Adv Pg 201 .... S Park & John St. Willimantic .... Conn
ERIE RESISTOR CORP., 4, Adv Pgs 280, 281 .... 644 W 12th St. Erie 6 .... Pa
Fastex Div., Illinois Tool Works, 4 .... 195 Algonquin Rd, Des Plaines Ill
General Radio Co., 2 .... West Concord .... Mass
Gombos Co. Inc., John, 2 .... Webro Rd. Clifton .... NJ
Good-All Electric Mfg. Co., 1 .... 112 W 1st St. Ogallala .... Neb
Hammarlund Mfg Co. Inc., 2-3-8-9-10 .... 460 W 34 St. New York 1 .... NY

Hammond Mfg Co. Ltd., 3-9 — Guelph — Ont
Hughes Semiconductor Div., 11 — P.O. Box 278, Newport Beach — Cal
JFD ELECTRONICS CORP., 1-4-5-7-8-9-10, Adv Pgs 406, 407 — **6101 16th Ave. Brooklyn 4** — **NY**
Jackson Bros (London) Ltd., 1-2-3-4-8-9-10 — 258 Broadway, New York 7 — NY
JENNINGS RADIO MFG CORP., 7, Adv Pg 434 — **970 Mc Laughlin Ave. P O Box 1278, San Jose 8** — **Cal**
Johanson Mfg Corp., 2-3-5-8-9-10 — Box 329, Boonton — NJ
Johnson Co., E.F., 3-9 — Waseca — Minn
KATAOKA ELECTRIC CO. LTD., 2-3-10, Adv Pg 262 — **247 Yokigaya-cho, Ohta-ku, Tokyo** — **Jap**
LaPointe Industries, Inc., 2-3-8-9-10 — 155 W. Main St., Rockville — Conn
LAPP INSULATOR CO. INC. RADIO SPECIALITIES, 7-9-11, Adv Pgs 340, 341 — **31 Gilbert St. Le Roy** — **NY**
Maida Development Co., 4 — 214 Academy St., Hampton — Va
Marston Electronics Corp., 1-11 — 704 Babylon Tnpk, Roosevelt — NY
MATSUSHITA ELECTRIC, Adv Pg 255 — **Box 288, Osaka Central, Tokyo** — **Jap**
MicroSemiconductor Corp., 11 — 11250 Playa Ct. Culver City — Cal
Millen Mfg. Co., James, 2-3-6-9 — 150 Exchange St. Malden — Mass
MITRONICS INC., 4, Adv Pg 548 — **132 Floral Ave. Murray Hill** — **NJ**
MITSUMI ELECTRIC CO. LTD., 8, Adv Pg 266 — **1056-1 Kodachi, Komae-cho Kitatama-gun, Tokyo** — **Jap**
MODEL ENG. & MFG. CORP., 5, Adv Pg 480 — **50 Frederick St. Huntington** — **Ind**
Molded Insulation Co., 8 — 335 E Price St. Philadelphia 44 — Pa
Muirhead & Co., Ltd., 2 — Beckenham, Kent, England
Muter Co., 4-6 — 1255 S Michigan Ave. Chicago 5 — Ill
NATIONAL RADIO CO., 2-3, Adv Pg 499 — **37 Washington St. Melrose 76** — **Mass**
OAK MFG CO., 8-9, Adv Pg 283 — **Crystal Lake** — **Ill**
PHYSICS RESEARCH LABS. INC., 2, Adv Pg 478 — **Box 555, Hempstead** — **NY**
Radio Condenser Co., 2-3-8-9 — Davis & Copewood Sts. Camden 3 — NJ
ROHDE & SCHWARZ, USA INC., 2, Adv Pg 483 — **P.O. Box 275, Passaic** — **NJ**
Sickles, F.W., Div. General Instrument Corp., 3 — 165 Front St. Chicopee — Mass
Solar Mfg. Corp., 4 — 4553 Seville Ave, Los Angeles 58 — Cal
Superex Electronics Corp., 8 — 4-6 Radford Place, Yonkers — NY
Taffet Electronics Inc., 2 — 2705 Bklyn-Qns Exp W, Woodside 77 — NY
TAIYO YUDEN CO. LTD., 4, Adv Pg 254 — **25 Kanda-gokan-cho, Chiyoda-ku, Tokyo** — **Jap**
Telechrome Mfg Corp., 1-2-3-8-9 — 185 Dixon Ave. Amityville — NY
Telecomputing Corp., 1 — 915 N Citrus Ave. Hollywood — Cal
Telectro Industries Corp., 2 — 35-16 - 37th St. Long Island City 1 — NY
Telegraph Condenser Co. Ltd., 4 — N Acton, London W3 — Eng
TRANSITRON ELECTRONIC SALES CORP., 11, Adv Pgs 315-318 — **168-182 Albion St. Wakefield** — **Mass**
United Mineral & Chemical Corp., 4 — 16 Hudson St. New York 13 — NY
United Products Co., 4-5 — 165 Franklin Ave. Nutley 10 — NJ
VACAP CORP., 7-9, Adv Pg 476 — **1985 Summit Ave. Union City** — **NJ**
Wells Co. Inc., Gary, 8 — 16 W Jamaica Ave. Valley Stream — NY

CAPACITOR TESTERS See TESTERS—*CAPACITOR*

CAPS—*CONNECTOR*

Aerolite Electronics Corp — 2207 Summit Ave. Union City — NJ
Ampco Mfg. Co — 246 E. 2nd St, Plainfield — NJ
BUD RADIO INC., Adv Pg 343 — **2118 E 55th St. Cleveland 3** — **Ohio**
Eagle Electric Mfg. Co. Inc — 23-10 Bridge Plaza S, L. I. City — NY
Electro-Products Inc — 15050 Schaefer Hwy. Detroit 27 — Mich
Glenair, Inc — 1211 Airway, Glendale — Cal
Greenfield Components Corp — 184 Shelburne St. Greenfield 16 — Mass
Millen Mfg. Co., James — 150 Exchange St, Malden — Mass
Ross Co., Milton — 239 Jacksonville Rd. Hatboro — Pa
Waldom Electronics Inc — 4621 W 53rd St. Chicago 32 — Ill

CARBON See GRAPHITE
CARBON BRUSHES See BRUSHES
CARBON RESISTORS See RESISTORS—*COMPOSITION*
CARBON SEALS See SEALS—*MECHANICAL*
CARCINOTRON AMPLIFIERS See AMPLIFIERS—*MICROWAVE*
CARCINOTRONS See TUBES—*MICROWAVE*
CARDBOARD See PACKAGING MATERIALS

CARDIAC EQUIPMENT

1. CARDIAC DEFIBRILLATORS 4. CARDIOGRAPHS
2. CARDIAC MONITORS-AUDIO 5. CARDIOSCOPES
3. CARDIAC PACEMAKERS

AMERICAN ELECTRONIC LABS. INC., 2, Adv Pg 362 — **121 N 7th St. Philadelphia 6** — **Pa**
Atronic Products, Inc., 2-3 — 1 Bala Ave, Bala-Cynwyd — Pa
BIRTCHER CORP., 1-2-3-4-5, Adv Pg 489 — **4371 Valley Blvd. Los Angeles 32** — **Cal**
Chrono-log Corp., 2 — Box 4587, Philadelphia 31 — Pa
Communications Control Corp., 4 — 14707 Keswick St. Van Nuys — Cal
Del Mar Engineering Labs. Inc., 2 — 6901 Imperial Hwy. Los Angeles 45 — Cal
Electrodyne Co., 1-2-3-5 — Endicott St, Norwood — Mass
Essential Electronics Corp., 5 — 1011 Power Ave, Cleveland 14 — Ohio
General Electric Co., X-Ray Dept., 4 — 4855 Electric Ave, Milwaukee — Wisc
Good Electronic Corp., 4 — Box 2406, W Palm Beach — Fla
Heiland Div. Minneapolis-Honeywell Regulator Co., 4 — 5200 E Evans Ave. Denver 22 — Colo
Industrial Development Labs. Inc., 1-4 — 982 River Rd. Edgewater — NJ
Medistor Instrument Co., 2-5 — 1443 Northlake Way, Seattle — Wash
Melpar Inc., 2-3 — 3000 Arlington Blvd. Falls Church — Va
MNEMOTRON CORP., 2, Adv Pg 445 — **45 S Main St. Pearl River** — **NY**
Molectronics Div. Molec Ind. Inc., 2 — 6344 Arizona Cir. Los Angeles 45 — Cal
Mooradian High Frequency Labs., 1 — 13 E. Fort Lee Rd, Bogota — NJ
Multitone Electronics Ltd., 3 — 130 Merton St. Toronto 7 — Can
Nelson Instrument Co., 2 — Box 68, Spring Valley — Ill
Offner Electronics Inc., 4 — 3906 River Rd. Schiller Park — Ill
Pacific Technical Co., 1-2-3-4-5 — 2047 Sawtelle Blvd, Los Angeles 25 — Cal
Par Products Corp., 4 — 602 Colorado Ave, Santa Monica — Cal
Techni-Rite Electronics, Inc., 4 — 65 Centerville Rd. Warwick — RI
Telco Inc., 4 — 47 Rue De La Div. Leclerc, Gentilly — Fr
Whitehall Electronics Corp., 3-4-5 — 1645 Hennepin Ave. Mnnpls 3 — Minn

CARD READERS See READERS—*PUNCHED-CARD*
CARDS—*RESISTOR* See RESISTORS
CARRIER SYSTEMS See COMMUNICATION SYSTEMS
CARTONS—*SHIPPING* See BOXES: PACKAGING MATERIALS
CARTRIDGES See PICKUPS—*PHONOGRAPH*

CASES—*DIODE & TRANSISTOR*

Brooks & Perkins, Inc — 1950 W Fort St. Detroit 16 — Mich
Cycle Products Co. Inc — 123 Central Ave. Newark 2 — NJ
Genex Corp. Industrial Div — 1200 Commerce Ave. Union — NJ
KAHLE ENGINEERING CO Adv Pg 98 — **3322 Hudson St. Union City** — **NJ**
RESDEL CORP., Adv Pg 519 — **P.O. Box 217, Rio Grande** — **NJ**
Rose Co., Milton — 239 Jacksonville Rd, Hatboro — Pa
Shelfco Mfg. Corp — 323 Bergen Blvd. Fairview — NJ
Tarzan Engineering Co — 1603 Santa Fe Ave. Los Angeles 21 — Cal
Wells Electronics Co — 1701 S Main St. South Bend 23 — Ind

CASES—*PORTABLE*

1. INSTRUMENT, METER & POWER SUPPLY
2. RADIO, PHONOGRAPH, AMPLIFIER, TAPE RECORDER, TRANSCEIVER & TV

Adolat Mfg. Co., 1 — 14300 Lorain Ave, Cleveland 11 — Ohio
ALDEN PRODUCTS CO., 1, Adv Pg 359 — **112 N Main St. Brockton 64** — **Mass**
Algo, Inc., 1-2 — 251 West St., South Hackensack — NJ
Alpitec Inc., 1-2 — 49 Gleason Ave, Stamford — Conn
Argos Products Co. Inc., 2 — Genoa — Ill
Bal Corp., William, 1-2 — 947 Newark Ave. Elizabeth — NJ
Baltic Metal Products Co., 1 — 126 Sutter St, Brooklyn 22 — NY
Boonton Molding Co., 1 — Boonton — NJ
Brooks & Perkins, Inc., 1 — 1950 W Fort St. Detroit 16 — Mich
BUD RADIO INC., 1, Adv Pg 343 — **2118 E 55th St. Cleveland 3** — **Ohio**
CHURCHILL LIGHTING CORP., 1, Adv Pg 533 — **344 Franklin St. Melrose 76** — **Mass**
Cramane, Inc., 1-2 — 6247 Hamlin St, Chicago 41 — Ill
Cutler Metal Products Co., 1 — 1025 Line St, Camden — NJ
Daniels Inc., C. R., 1 — Daniels — Md
Davies Molding Co., Harry, 1 — 1428 N. Wells, Chicago 10 — Ill
Electro-Rock, Inc., 1 — 11501 Jefferson Blvd, Culver City — Cal
Electronic Enclosures, Inc., 1 — 3629 Holdrege Ave, Los Angeles 16 — Cal
Elzee Metal Products Co., Inc., 1 — 779 36th St, Brooklyn 32 — NY
Equipto Electronics Corp., 1 — 319 N Webster St, Naperville — Ill
Escotronics, 1 — 7000 S. Vine St, LaGrange — Ill
Eugene Engineering Co. Inc., 1 — 1217 Hyde Park Ave. Hyde Park 36 — Mass
Falstrom Co., 1 — 44 Falstrom Ct, Passaic — NJ
Farwell Metal Fabricating — 87 W Fairfield Ave. St Paul 7 — Minn
General Metal Products Co — Easton — Pa
Golding Mfg. Co., 1-2 — 90 Poreta Ave. North Arlington — NJ
Halliburton Enterprises, Inc. Mfg Div., 1 — 4724 S Boyle Ave. Los Angeles 58 — Cal
Hammond Mfg Co. Ltd., 1-2 — Guelph — Ont
Heath Co. A Sub of Daystrom, Inc., 2 — Benton Harbor — Mich
Henry & Miller Industries, Inc., 1 — 675 Garfield Ave, Jersey City 5 — NJ
Horton & Hubbard Mfg. Co., 1-2 — 141 Canal St, Nashua — NH
Hudson Tool & Die Co., Inc., 1 — 18 Malvern St, Newark 6 — NJ
Kinetron Corp., 1 — Shrewsbury & Patterson, Red Bank — NJ
Koch & Sons, Inc., H., 1 — Corte Madera — Cal
LMB, 1 — 2528 W. 9th St, Los Angeles 6 — Cal
M M ENCLOSURES INC., 1, Adv Pg 552 — **111 Bloomingdale Rd. Hicksville** — **NY**
Mastra Co., 1-2 — 2104 Superior Ave. Cleveland — Ohio
Mid-West Metal Products Inc., 1 — 450 E Donovan Rd. Kansas City 15 — Kan
Mobil Electronics, Inc., 1-2 — 1111 State Rd 67E, Anderson — Ind
Muckle Mfg. Co., 1 — Prinzing Rd. Owatonna — Minn
National Vulcanized Fibre Co., 1 — Box 311, Wilmington 99 — Del
Newberg Industrial Case Co., 1-2 — 61 Greenpoint Ave, Brooklyn — NY
P.B.R. Mfg. Co., 1 — H & Luzerne Sts, Philadelphia 24 — Pa
Pearce-Simpson, Inc., 1 — 2295 NW 14th St. Miami 35 — Fla
Phonograph Corp. of America, 2 — 240A Old Country Rd. Hicksville — NY
PREMIER METAL PRODUCTS CO., 1-2 Adv Pg 314 — **337 Moinde St. Bronx 59** — **NY**
Riester & Thesmacher Co. 1-2 — 1510 W. 29th St, Cleveland 13 — Ohio
Rimak Electronics Inc., 1 — 10929 Vanowen St. N Hollywood — Cal
Rohlik-Perrin, 1-2 — 12281 Turner Ave. Detroit 4 — Mich
Simpson Electric Co. Div. American Gage & Machine Co., 1 — 5218 W Kinzie St. Chicago 44 — Ill
Smith, Inc. Herman H., 1 — 2326 Nostrand Ave. Brooklyn 10 — NY
STAFFORD MFG. CO. INC., 1, Adv Pg 124 — **145 58th St. Brooklyn 20** — **NY**
Taffet Electronics Inc., 1 — 2705 Bklyn-Qns Exp W, Woodside 77 — NY
Telectro Industries Corp., 1-2 — 35-16 37th St, Long Island City 1 — NY
Thermovolt Instruments Ltd., 1 — 70 Advance Rd. Toronto 18 — Ont
VECTOR ELECTRONIC CO., 1, Adv Pg 544 — **1100 Flower St. Glendale 1** — **Cal**
Washington Aluminum Co. Inc — Pa RR & Knecht Ave. Baltimore 29 — Md
Whitehall Electronics Corp., 1 — 1645 Hennepin Ave. Mnnpls 3 — Minn
Whitman Saddle Mfg., Co., 1 — 1725 Powers St, Cincinnati 23 — Ohio
Winder Aircraft Corp., 1 — Dunnellon Air Base, Dunnellon — Fla
Wollensak Optical Co., 2 — 320 E. 21st St, Chicago 16 — Ill
Wyco Metal Products, 1 — 6918 Beck Ave. North Hollywood — Cal
York Metal Products, Inc., 1-2 — 350 Greenwich St, New York 13 — NY
Zenith Plastic Co., 2 — P.O. Box 91, Gardena — Cal

CASES—*TRANSIT* See BOXES—*SHIPPING*

CASTINGS—*METAL & ALLOY*

1. GENERAL-PURPOSE 2. PRECISION

AC Spark Plug Div., General Motors, 2 — 7929 S. Howell, Oak Creek — Wisc
Aluminum Co of America, 1-2 — Alcoa Bldg, Pittsburgh 19 — Pa
Arwood Corp., 2 — 321 W. 44th St, New York 36 — NY
Austenal Co. Div. Howe Sound Co., 2 — 230 Park Ave. New York 17 — NY
Bean & Co., Morris, 1-2 — Hyde Rd. Yellow Springs — Ohio
BETHLEHEM FOUNDRY & MACHINE CO., 1 Adv Pg 532 — **225 W 2nd St. Bethlehem** — **Pa**
Blaw-Knox Co., 1-2 — 300 6th Ave. Pittsburgh 22 — Pa
Bone Engineering Corp., 2 — 701 W. Broadway, Glendale 4 — Cal
Division Lead Co., 1-2 — 7742 W. 61st Pl, Summit — Ill
Dollin Corp — 630 S. 21 St, Irvington 11 — NJ
Engelhard Industries Inc., 1-2 — 113 Astor St, Newark 2 — NJ
Engineered Precision Casting Co., 2 — Hwy 79, Morganville — NJ
Fischer & Porter., 1-2 — 476 Warminster Rd, Warminster — Pa
General Communication Co., 2 — 677 Beacon St. Boston 15 — Mass
Gorham Electronics Div. Gorham Corp., 2 — 333 Adelaide Ave. Providence 7 — RI
Gries Reproducer Corp., 1-2 — 151 Beechwood St. New Rochelle — NY
Haynes Stellite Co., Div., UCC, 1-2 — 1020 W. Park Ave, Kokomo — Ind
Humphrey Castings, Inc — 3944 Riley St, San Diego 10 — Cal
International Nickel Co., Inc., 1-2 — 67 Wall St, New York 5 — NY
Investment Casting Co. Sub. Faradyne Electronics Corp., 2 — 60 Brown Ave. Springfield — NJ
Jam Hardware Mfg Co. Inc., 1-2 — 38-01 Queens Blvd. Long Island City 1 — NY
Microdyne, Inc., 1-2 — 1220 Washington, Wilmette — Ill
Misco Precision Casting Co., 2 — 116 W. Gibbs St, Whitehall — Mich
NATIONAL LEAD CO., 1-2, Adv Pg 557 — **111 Broadway, New York 6** — **NY**
Precision Castparts Corp., 2 — 4600 SE Harney Dr. Portland 6 — Ore
Precision Metalsmiths, Inc., 2 — 1081 E. 200 St, Cleveland 17 — Ohio
Rode, Inc — 5 Green St. Woburn — Mass
Semi-Alloys Inc., 2 — 20 McQueston Pkwy. N, Mt. Vernon — NY
Sims Castings Corp., 2 — 2174 E. Erie Blvd, Syracuse 3 — NY
Sperry Gyroscope Co. Div. Sperry Rand Corp., 2 — Great Neck — NY
Tickle Engineering Works, A., 2 — 23 Delavan St, Brooklyn — NY
Westinghouse-Materials Mfg Div., 2 — Box 128, Blairsville — Pa

CATHODE INTERFACE IMPEDANCE BRIDGES See BRIDGES—*IMPEDANCE*
CATHODE-RAY OSCILLOSCOPES See OSCILLOSCOPES
CATHODE-RAY TUBES See TUBES—*CATHODE-RAY*
CATHODE-RAY TUBE SCREEN POWDERS See TUBE PARTS
CATHODE-RAY TUBE SHIELDS See SHIELDS—*TUBE*
CATHODE-RAY TUBE TESTERS See TESTERS—*TUBE*
CATHODES See TUBE PARTS

CAVITIES—*MICROWAVE*

Airtec, Inc — 139 E. First Ave, Roselle — NJ
BUDD STANLEY CO. INC., Adv Pg 313 — **175 Eileen Way, Syosset** — **NY**
Diamond Antenna & Microwave Corp — River St, Winchester — Mass
Dielectric Products Engrg. Co. Inc — Raymond — Me
FXR INC., Adv Pgs 100; 101 — **25-26 50th St. Woodside 77** — **NY**
General Aniline & Film Corp., Ansco Div — Vestal Pkwy E., Binghamton — NY
General Communication Co — 677 Beacon St, Boston 15 — Mass
General Microwave Corp — 47 Gazza Blvd. Farmingdale — NY
Gombos Co. Inc. John — Webro Rd. Clifton — NJ
Gorham Electronics Div. Gorham Corp — 333 Adelaide Ave. Providence 7 — RI
Instrument Systems Corp — 129-07 18th Ave. College Point 56 — NY
Kearfott Div. Gen. Precision Inc. Microwave Prods — 14844 Oxnard St. Van Nuys — Cal
KINGS ELECTRONICS CO. INC., Adv Pg 506 — **40 Marbledale Rd. Tuckahoe** — **NY**
LaPointe Industries, Inc — 155 W. Main St, Rockville — Conn
M.C.S. Corp — 1001 S Mountain Ave. Monrovia — Cal
MICROLAB, Adv Pg 356 — **570 W Mt. Pleasant Ave. Livingston** — **NJ**
Microtech, Inc — Milldale Rd, Cheshire — Conn
Microwave Associates, Inc — Burlington — Mass
MICROWAVE CORP. OF AMERICA, Adv Pg 462 — **Box 278, Stamford** — **Conn**
Microwave Dynamics Corp — 5 Fairchild Ct. Plainview — NY
Microwave Semiconductor & Inst. Inc — 116-06 Myrtle Ave. Richmond Hill 18 — NY
OMEGA LABORATORIES INC., Adv Pg 226 — **Box 309, Rowley** — **Mass**
PRD ELECTRONICS INC., Adv. Pgs. 113-116 — **202 Tillary St. Brooklyn 1** — **NY**
Pitometer Log Corp — 237 Lafayette St, New York 12 — NY
POLARAD ELECTRONICS CORP Adv Pg 269-272 — **43-20 34 St. Long Island City 1** — **NY**
PORTCHESTER INSTRUMENT CORP., Adv Pg 468 — **114 Wilkins Ave. Port Chester** — **NY**
Precision Microwave Corp — Main St, Millis — Mass
PREMIER MICROWAVE CORP., Adv Pg 469 — **33 New Broad St. Port Chester** — **NY**
Radio Condenser Co — Davis & Copewood Sts. Camden 3 — NJ
Radio Engineering Labs. Inc — 29-01 Borden Ave. Long Island City 1 — NY
Resdel Engineering Corp — 330 S Fair Oaks Ave. Pasadena — Cal
Sperry Microwave Electronics Co — Box 1828, Clearwater — Fla
Standard Tel. & Cables Ltd — 29 Glasshouse Yard, London — Eng
TECHNICAL APPLIANCE CORP., Adv Pg 523 — **P.O. Box 38, Sherburne** — **NY**
Trak Microwave Corp — 5006 N Coolidge Ave. Tampa 3 — Fla
Varian Associates — 611 Hansen Way, Palo Alto — Cal
Victor R.F. & Microwave Co — 38 W Water St. Wakefield — Mass

CELLS—*FUEL*

Electro Radiation Inc — 11916 W Pico Blvd. Los Angeles 64 — Cal
Minn-Honeywell, Military Prods Gr — 2600 Ridgway Rd. Minneapolis 13 — Minn

CELLS—*PHOTOELECTRIC (NOT PHOTOTUBES)*

1. PHOTOCONDUCTIVE (Incl. SELENIUM)
2. PHOTOVOLTAIC (Incl. SELENIUM)
3. SOLAR

CETRON ELECTRONICS CORP., 1, Adv Pg 379 — **715 Hamilton, Geneva** — **Ill**
CLAIREX CORP., 1, Adv Pg 429 — **19 W 26th St. New York 10** — **NY**
Daystrom Inc. Weston Instruments Div., 1-2 — 614 Frelinghuysen Ave. Newark 12 — NJ
EMI-Cossor Electronics Ltd., 1 — Box 525 Dartmouth NS — Can
Eastman Kodak Co., 1 — 343 State St, Rochester 4 — NY
Electro Radiation Inc., 1-2-3 — 11916 W Pico Blvd. Los Angeles 64 — Cal
Electron-Radar Products, 1-2 — 4806 W. Chicago Ave, Chicago 51 — Ill
Electronics Corp of America, 1 — 1 Memorial Dr, Cambridge 42 — Mass
Elesta Ltd., Electronic Control Apparatus, 1 — Bad Ragaz, Switzerland
Energy Kontrols, Inc., 1-2-3 — 15 S. First St, Geneva — Ill
Epic Inc., 1-2 — 150 Nassau St, New York 38 — NY
HARSHAW CHEMICAL CO., 2-3, Adv Pg 580 — **1945 E 97th St. Cleveland 6** — **Ohio**
Hoffman ElectronicsCorp. Semiconductor Div., 2-3 — 1001 N Arden Dr. El Monte — Cal
INTERNATIONAL RECTIFIER CORP., 1-2-3, Adv Pgs 62, 63 — **233 Kansas St. El Segundo** — **Cal**
Jem Electronics Corp., 1 — 743 Circle Ave, Forest Park — Ill
Lear Inc., 1-2-3 — 3171 S Bundy Dr. Santa Monica — Cal
Micro Systems, Inc — 319 Agostino Rd. San Gabriel — Cal
MULLARD OVERSEAS LTD., 1, Adv Pg 448 — **Torrington Pl. London W.C. 1** — **Eng**
National Semiconductors Ltd., 1 — 290 Authier St, Montreal 9, P.Q., Canada
Nucleonic Products Co. Inc., 1-2 — 3133 E 12th St. Los Angeles 23 — Cal
Phoenix Precision Instrument Co., 1 — 3805 N 5th St. Philadelphia — Pa
Radio Corp of America, Electron Tube Div., 1 — 415 S 5th St. Harrison — NJ
Rank Cintel Ltd., 1 — Worsley Bridge Rd, London S.E. 26, England
SEMI-ELEMENTS INC., 1-2-3, Adv Pg 524 — **Saxonburg Blvd. Saxonburg** — **Pa**
Standard Tel. & Cables Ltd., 1 — 29 Glasshouse Yard, London — Eng
Tang Industries Inc., 1-2-3 — 400 Main St. Waltham 54 — Mass
Texas Instruments Incorporated, Semiconductor-Components Div., 3 — Box 5012, Dallas 22 — Tex
Vickers Inc. Electric Products Div., 2-3 — 1899 Locust St. St Louis 3 — Mo
Wells Industries Corp., 1 — 6880 Troost Ave, North Hollywood — Cal
Williamson Development Co., 1 — 317 Main St. W Concord — Mass

CELLS—*STANDARD*

Daystrom Inc. Weston Instruments Div — 614 Frelinghuysen Ave. Newark 12 — NJ
Electron-Radar Products — 4806 W. Chicago Ave, Chicago 51 — Ill
Eppley Lab., Inc — 12 Sheffield Ave, Newport — RI
Guildline Instruments Ltd — Box 99, Smiths Falls — Ont
KIN TEL DIV. COHU ELECTRONICS, Adv Pgs 244, 245, 247 — **5725 Kearny Villa Rd. San Diego 12** — **Cal**
Muirhead & Co., Ltd — Beckenham, Kent, England
PHYSICS RESEARCH LABS. INC., Adv Pg 478 — **Box 555, Hempstead** — **NY**

CELLS—*THERMAL*

Gow-Mac Instrument Co — 100 Kings Rd, Madison — NJ

Minn-Honeywell, Military Prods Gr	2600 Ridgway Rd. Minneapolis 13	Minn
Research Industrial Labs. of Electronics	Penn...	Pa
SERVO CORP OF AMERICA, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Victory Engineering Corp	111 Springfield Rd. Union	NJ
Williamson Development Co	317 Main St. W Concord	Mass

CELLULOSE ACETATE See PLASTICS
CELLULOSE NITRATE See PLASTICS

CEMENTS

1. *CONDUCTIVE* 3. *INSULATING*
2. *HIGH-TEMPERATURE*

See Also ADHESIVES: COMPOUNDS – *POTTING*

American Chemical Co., 1-2-3	170 Broadway, New York 38	NY
American Products Mfg. Co. Inc., 3	8127-33 Oleander St. New Orleans 18	La
Biggs Co. Inc. Carl H., 1-2-3	Dept EB, 1547 14 St. Santa Monica	Cal
CARBORUNDUM CO. REFRACTORIES DIV., 1-2-3, Adv Pgs 104, 105	**Perth Amboy**	**NJ**
Central Coil Co., 2-3	1722 N. Lumt St. Indianapolis	Ind
Central Scientific Co. Div. Cenco Instr. Inc., 1	1700 Irving Park Rd. Chicago 13	Ill
Ceramco Inc. Chemists, 1-2-3	173 Ridge St. Newark 4	NJ
Chemtronics Inc., 1-2-3	870 E. 52nd St. Brooklyn 3	NY
Coast Pro-Seal & Mfg. Co., 3	2235 Beverly Blvd. Los Angles	Cal
Connecticut Hard Rubber Co., 2	407 East St. New Haven 9	Conn
du Pont de Nemours & Co. Inc., E. I., 3	Wilmington 98	Del
Dynamic Products, Inc., 2-3	426 Commercial Ave, Palisades Park	NJ
Eagle Picher Co., 2-3	Dept. EGB, Cincinnati 1	Ohio
Electrofilm, 2-3	P.O. Box 1137, Glendale	Cal
Emerson & Cuming, Inc., 1-2	869 Washington St. Canton	Mass
Engelhard Industries Inc., 2	113 Astor St. Newark 2	NJ
EPOXY PRODUCTS, DIV JOS WALDMAN & SONS, 1-3, Adv Pg 337	**133 Coit St. Irvington**	**NJ**
Felt Products Mfg Co., 2	7450 N McCormick Blvd. Skokie	Ill
G-C Electronics Co., 1-2-3	400 S Wyman St. Rockford	Ill
Gladding, McBean & Co., 2	1551 S Primrose St. Monrovia	Cal
Goodrich Industrial Prods. Co., B. F., 2	500 S Main St. Akron 18	Ohio
Hastings Plastics, Inc., 2-3	1704 Colorado Ave. Santa Monica	Cal
Haveg Industries Inc., 2-3	900 Greenbank Rd. Wilmington 8	Del
Hysol Corp., 1	122 Houghton Ave. Olean	NY
Insulation Fabricators Co., 1-2	221 Dike St. Providence 9	RI
Lawrence Adhesive & Chemical Co. Inc., 2-3	18 S Canal St. Lawrence	Mass
Lear Inc., 1	3171 S Bundy Dr. Santa Monica	Cal
Magic Chemical Co., 2-3	121 Crescent St. Brockton	Mass
Markette Corp., 1-2-3	37-31 30th St. Long Island City 1	NY
Materials for Electronics Inc., 2-3	152-25 138 Ave. Jamaica 34	NY
Melpar Inc., 3	3000 Arlington Blvd. Falls Church	Va
Metachem Resins Corp. Hareco Prod Div., 1-2-3	530 Wellington Ave. Cranston 10	RI
Micro-Circuits Co., 1	New Buffalo	Mich
MILLER-STEPHENSON CHEMICAL CO. INC., 2-3, Adv Pg 458	**39 Day St. South Norwalk**	**Conn**
Nemo Labs, Inc., 1-2-3	8 Lawrence St. Belleville 7	NJ
Norton Co., 2-3	1 New Bond St. Worcester 6	Mass
Saxonburg Ceramics Co., 1-2-3	Saxonburg Bldg, Pittsburgh 15	Pa
Smooth-On Mfg. Co., 2-3	572 Communipaw Ave, Jersey City 4	NJ
Sterling Varnish Co., 3	Haysville Borough, Sewickley	Pa
Tecpo Mfg. Co. Inc., 1-2-3	94-56 Parsons Blvd, Jamaica 32	NY
Trans-Sonics, Inc., 3	Box 328, Lexington 73	Mass
U.S. Steel Corp., 2-3	525 Wm Penn Pl, Pittsburgh 30	Pa
United Technical Industries Inc., 1	5221 S Major St. Murray	Utah
Zirconium Corp of America, 2-3	31501 Solon Rd, Solon 39	Ohio

CERAMIC BEADS See BEADS
CERAMIC BOBBINS See BOBBINS
CERAMIC CAPACITOR DISKS See CAPACITOR DISKS

CERAMICS –*FOAM*

CARBORUNDUM CO. REFRACTORIES DIV., Adv Pgs 104, 105	**Perth Amboy**	**NJ**
Ceramco Inc. Chemists	173 Ridge St. Newark 4	NJ
Chemtronics, Inc	870 E 52nd St. Brooklyn 3	NY
Electrical Refractories Co	50 Clark St. East Palestine	Ohio
Electro-Ceramics, Inc	2645 S 2nd W. Salt Lake City 15	Utah
Gladding, McBean & Co.	1551 S Primrose St. Monrovia	Cal
Lear Inc	3171 S Bundy Dr. Santa Monica	Cal
Maryland Lava Co	Dept. GB, Bel Air	Md
Melpar Inc	3000 Arlington Blvd. Falls Church	Va
SYNCOR PRODUCTS CO., Adv Pg 514	**30 Eastern Ave. Malden**	**Mass**

CERAMIC FORMS See FORMS –*COIL & RESISTOR*
CERAMIC-INSULATED WIRE See WIRE –*HIGH-TEMPERATURE*
CERAMIC INSULATORS See CERAMICS
CERAMIC MAGNETIC CORES See CORES –*MOLDED MAGNETIC*
CERAMIC MAGNETS See MAGNETS –*PERMANENT*
CERAMIC SPACERS See TUBE PARTS

CERAMICS – *PORCELAIN, STEATITE, CORDIERITE, FORSTERITE & LAVA*

1. *FINISHED PARTS, Incl INSULATORS*
2. *GRANULAR OR POWDERED*
3. *METALLIZED PARTS*
4. *RODS*
5. *SHEETS*
6. *STAMPINGS & PUNCHINGS*

TUBING See TUBING –*NONMETALLIC*

See Also ALUMINUM OXIDE: BERYLLIUM OXIDE: MICA –*GLASS-BONDED*: TITANATES
BERYLLIUM OXIDE: MICA –*GLASS-BONDED*: TITANATES

ABALON PRECISION MFG CORP., 6, Adv Pg 539	**540 Casanova St. New York 59**	**NY**
Accurate Specialties Co. Inc., 1-2-3	345 Lodi St. Hackensack	NJ
Advanced Vacuum Prods Inc. Sub Glass-Tite Ind., 1-3	430 Fairfield Ave. Stamford	Conn
Alite Div. U.S. Stoneware Co., 1-3	Box 119, Orrville	Ohio
Allied Engineering & Production Corp., 3	2421 Blanding Ave. Alameda	Cal
AMERICAN LAVA CORP., 1-3-4-5-6, Adv Pg 237	**Cherokee & Mfgrs Rd. Chattanooga 5**	**Tenn**
Bell Inc., F. W., 3	1356 Norton Ave. Columbus 12	Ohio
BIRNBACH RADIO CO. INC., 1, Adv Pg 529	**145 Hudson St. New York 13**	**NY**
CFI CORP., 1-3-4-6, Adv Pg 294	**Cottage Pl. Mineola**	**NY**
CARBORUNDUM CO. REFRACTORIES DIV., 1-2-3-4-5, Adv Pgs 104, 105	**Perth Amboy**	**NJ**
Carvil Technical Ceramics Inc., 1-3-4-6	801-23rd St. Union City	NJ
CENTRALAB ELECTRONICS, DIV. GLOBE-UNION, INC., 1-3-4, Adv. Pgs. 376, 377	**914Y E Keefe Ave. Milwaukee 1**	**Wis**
Ceramaseal, Inc., 3	P.O. Box 25, New Lebanon Center	NY
Ceramco Inc. Chemists 1-3	173 Ridge St. Newark 4	NJ
CLY-DEL MFG CO., 6, Adv Pg 400	**42 Sharon Rd. Waterbury**	**Conn**
Cook Electric Co., 1	2700 Southport Ave. Chicago 14	Ill
Cooper Development Corp., 1	2626 S. Peck Rd, Monrovia	Cal
Coors Porcelain Co., 1-3-4	600 Ninth St. Golden	Colo
Culbertson Products, Inc., 3	25 Samson Ave, Madison	NJ
Cutler Metal Products Co., 6	1025 Line St, Camden	NJ
DU-CO CERAMICS CO., 1-3-4, Adv Pg 78	**1050 Main St. Saxonburg**	**Pa**
Dynamic Products, Inc., 1-2-3-4-5-6	426 Commercial Ave, Palisades Park	NJ
EITEL-MCCULLOUGH INC., 3, Adv Pgs 57–60	**301 Industrial Way, San Carlos**	**Cal**
Electrical Refractories Co., 1-6	50 Clark St, E. Palestine	Ohio
Electro-Ceramics, Inc., 1-3-4-5-6	2645 S 2nd W. Salt Lake City 15	Utah
Emerson & Cuming, Inc., 4-5	869 Washington St, Canton	Mass
Frenchtown Porcelain Co., 1-3-4-5-6	Frenchtown	NJ
Gemex Corp. Industrial Div., 6	1700 Commerce Ave. Union	NJ
GENERAL CERAMICS DIV. INDIANA GENERAL CORP., 1-3-4-6, Adv Pg 77	**Keasbey**	**NJ**
Geoscience Instrument, Inc., 2	142 Maiden Lane, New York 38	NY
Gladding, McBean & Co., 1-2-3-4-5-6	1551 S Primrose St. Monrovia	Cal
Henry & Miller Industries, Inc., 6	675 Garfield Ave, Jersey City 5	NJ
Isolantite Mfg Corp., 1-3	Stirling	NJ
Kirchberger & Co., Inc., M., 1	248 Humphrey St. Englewood	NJ
Laboratory Equipment Corp., 1	Lakeview & Hilltop Rd. St Joseph	Mich
Laminated Shim Co., Inc., 6	4601 Union St, Glenbrook	Conn
LAPP INSULATOR CO. INC., RADIO SPECIALITIES DIV., 1-3-4 Adv Pgs 340, 341	**31 Gilbert St. Le Roy**	**NY**
Lewis Co. Inc., E. B., 1	11 Bragg St. E Hartford 8	Conn
Litton Engineering Labs, 1-3	Box 949 Grass Valley	Cal
Louthan Plant, Refrac. Div. Ferro Corp., 1-4	2000 Harvey Ave. E. Liverpool	Ohio
Maryland Lava Co., 1	Dept. GB, Bel Air	Md
Materials for Electronics Inc., 1-3-4-6	152-25 138 Ave. Jamaica 34	NY
Metco Inc., 3	1101 Prospect Ave. Westbury	NY
Millen Mfg. Co., James, 1	150 Exchange St, Malden	Mass
Minn-Honeywell, Ceramics Lab., 1-3-4-5-6	Box 440, Minneapolis 40	Minn
MITRONICS INC., 3, Adv Pg 548	**132 Floral Ave. Murray Hill**	**NJ**
MYCALEX CORP. OF AMERICA, 1-4-5, Adv Pg 351	**125 Clifton Blvd. Clifton**	**NJ**
National Ceramic Co., 1-3-4-6	500 Southard St. Trenton 2	NJ
NATIONAL LEAD CO., 2, Adv Pg 557	**111 Broadway, New York 6**	**NY**
Paul & Beekman, Inc., 6	1801 Courtland St, Philadelphia 40	Pa
Pemco Corp., 2	Eastern Ave. Baltimore	Md
Precision Methods Inc., 6	142 Fulton Ave. New Hyde Park	NY
Pyrometer Co. of America, Inc., 1	600 E Lincoln Hwy. Penndel	Pa
QUARTZITE PROCESSING INC., 1 Adv Pg 396	**6 Holyoke St. Malden**	**Mass**
RADIO CORP. OF AMERICA SEMICONDUCTOR & MATERIALS DIV., 1, Adv Pg Insert Preceding 3rd Cover, 3rd Cover	**Rt 202, Somerville**	**NJ**
RAYTHEON CO. MICROWAVE & POWER TUBE DIV., 1, Adv Pgs 38, 39	**Spencer Lab Wayside Ave. Burlington**	**Mass**
Rostone Corp., 1	Rt 52 South, Lafayette	Ind
Shaw Instrument Corp., 3	P. O. Box G-46, Latrobe	Pa
Sheffco Mfg. Corp., 6	323 Bergen Blvd. Fairview	NJ
Smith, Inc. Herman H., 1	2326 Nostrand Ave. Brooklyn 10	NY
Solar Mfg. Corp., 1-3	4553 Seville Ave, Los Angeles 58	Cal
Star Porcelain Co., 1-4-5-6	61 Muirhead Ave. Trenton 9	NJ
Steward Mfg Co., D.M., 1	3600 Jerome Ave. Chattanooga 1	Tenn
Stone City Products Co., 6	1206-7th St, Bedford	Ind
SUPERIOR STEATITE & CERAMIC CORP., 1, Adv Pg 536	**83-91 W Forest Ave. Englewood**	**NJ**
Telegraph Condenser Co. Ltd., 1-3-4	N Acton, London W3	Eng
Thor Ceramics, Inc., 1-3-4-5-6	225 Belleville Ave, Bloomfield	NJ
Topper Mfg Co. Inc., 1	84-56 Parsons Blvd. Jamaica 32	NY
Torrington Co., 2	59 Field St Torrington	Conn
United Mineral & Chemical Corp., 1-3-4-6	16 Hudson St. New York 13	NY
United Products Co., 1-3-4-6	165 Franklin Ave. Nutley 10	NJ
WIND TURBINE CO., 1, Adv Pg 388	**E Market St. West Chester**	**Pa**
Winder Aircraft Corp., 6	Dunnellon Air Base, Dunnellon	Fla
Wrought Washer Mfg. Co., 6	2264 S. Bay St, Milwaukee 7	Wisc
Zirconium Corp of America, 1-2-4	31501 Solon Rd, Solon 39	Ohio

CERAMIC TUBES –*ELECTRON* See TUBES –*CERAMIC*

CERAMIC TUBING See TUBING –*NONMETALLIC*

CERAMOPLASTIC See MICA –*GLASS-BONDED*

CERIUM

American Potash & Chemical Corp	3000 W 6th St. Los Angeles 54	Cal
Bram Metallurgical Chemical Co	820 65 Ave, Philadelphia 26	Pa
Cerium Metals & Alloys Div. Ronson Metals Corp.	55 Manufacturers Pl. Newark	NJ
Delta Chemical Works	21 W 60th St. New York	NY
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Mallinckrodt Chemical Works	2nd & Mallinckrodt Sts. St Louis 7	Mo
Materials for Electronics Inc	152-25 138 Ave. Jamaica 34	NY
Var-Lac-Oid Chemical Co	116 Broad St, New York 4	NY

CESIUM COMPOUNDS –*(FOR PHOTOTUBES)*

Allied Chemical Corp. Baker & Adamson Prods-Gen. Chem. Div	40 Rector St. New York	NY
American Potash & Chemical Corp	3000 W 6th St. Los Angeles 54	Cal
Bio-Rad Laboratories	1257 S. 32nd St, Richmond	Cal
Bram Metallurgical Chemical Co	820 65 Ave, Philadelphia 26	Pa
CETRON ELECTRONICS CORP., Adv Pg 379	**715 Hamilton, Geneva**	**Ill**
Delta Chemical Works	21 W 60th St. New York	NY
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Materials for Electronics Inc	152-25 138 Ave. Jamaica 34	NY
Penn Rare Metals	Box 1A, Revere	Pa
SEMI-ELEMENTS INC., Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
Var-Lac-Oid Chemical Co	116 Broad St, New York 4	NY

CHAINS –*DRIVE, SMALL, LINK OR BEAD*

Command Systems Inc	1135 N Stanford Ave. Los Angeles 59	Cal
P I C Design Corp. Sub. Benrus Watch Co	477 Atlantic Ave. E Rockway	NY
Sierra Engineering Co	123 E. Montecito, Sierra Madre	Cal
United Mineral & Chemical Corp.	16 Hudson St. New York 13	NY

CHAMBERS –*ENVIRONMENTAL TEST*

1. *ACOUSTIC TEST*
2. *ALTITUDE*
3. *FUNGUS*
4. *MICROWAVE TEST*
5. *PRESSURE*
6. *RAIN*
7. *SALT SPRAY*
8. *SAND & DUST*
9. *SHIELDED SCREEN*
10. *SUNSHINE*
11. *TEMPERATURE & HUMIDITY*
12. *TEMPERATURE ONLY*
13. *THERMAL SHOCK (FAST HIGH-LOW)*

Ace Engineering & Machine Co., Inc., 9	Tomlinson Rd, Huntingdon Valley	Pa
Advanced Electronics Inc., 12	94 Silas Deane Hwy. Rocky Hill	Conn
Aerotest Labs, Inc., 2-3-5-6-7-8-10-11	Comac Rd Deer Park	NY
Aerotronic Associates Inc., 12	Box 367, Contoocook	NH
Air Control, Inc., 11	450 Narberth Ave, Narberth	Pa
Aireco Inc., 2-5-11-12-13	2323 2nd Ave. Schenectady 3	NY
Airtronics, Inc., 11	5522 Dorsey Ln, Washington 16	DC
American Instrument Co., Inc., 2-11	8030 Georgia Ave, Silver Spring	Md
American Machine & Foundry Co., Government Products Group, 2	1701 K St, N.W., Washington 6	DC
American Measurement & Control Inc., 1	240 Calvary St. Waltham 54	Mass
American Research Corp., 2-3-5-6-8-10-11-12-13	Rt. 6 & New Britain Ave. Farmington	Conn
American Sterilizer Co., 5-11-12	2424 W 23rd St. Erie	Pa
Anchor Specialty Mfg. Co. Inc., 2-5-11	300 Hollister Rd. Teterboro	NJ
Armstrong Whitworth Equipment, 2-3-7-11	Hucclecote, Gloucester	Eng
ASSOCIATED TESTING LABORATORIES INC., 1-2-3-5-6-7-8-10-11-12-13, Adv Pg 343	**107 Route 46, Wayne**	**NJ**
Atlas Engineering Corp., 2-5-6-8-10-11-12-13	26 Custer St, West Hartford 10	Conn
Atmosphere Control Co. Inc., 11	5315 Chester Ave. Philadelphia 43	Pa
Avco Research & Advanced Devel. Div., 1-13	201 Lowell St. Wilmington	Mass
Baldwin-Lima Hamilton Corp., 12-13	42 4th Ave. Waltham 54	Mass
Barker & Williamson Inc., 2-11	Canal & Beaver Sts. Bristol	Pa
Bell Aerospace Corp., 1	Box 1, Buffalo 5	NY
Belock Instrument Corp., 1-2-3-4-5-6-7-8-9-10 11-12	112-03 14th Ave. College Point	NY
Bemco, Inc., 2-3-5-6-7-8-10-11	11631 Vanowen St, North Hollywood	Cal
BETHLEHEM FOUNDRY & MACHINE CO., 2-3-5-6-7-8-10-11-12-13 Adv Pg 532	**225 W 2nd St. Bethlehem**	**Pa**
Blue M Electric Co., 11-12	138 & Chatham St. Blue Island	Ill
Bon-De Electronic Labs. Inc., 2	361-363 Rantoul St. Beverly	Mass
Bruel & Kjaer, 1	Lindealle 23, Naerum	Denmark
Cincinnati Sub-Zero Products Inc., 2-11-13	3930 E Reading Rd. Cincinnati 29	Ohio
Conrad, Inc., 2-3-5-6-7-8-10-11-12-13	141 Jefferson St. Holland	Mich
Controlled Environment, Inc., 1-4-5-8-11	52 Pickering St. Needham	Mass
Cosmic Inc., 6-7	3206 Grace St. Washington	DC
Cryo-Therm Inc., 11-12-13	Fogelsville	Pa
DAVEN CO., 11-12, Adv Pg 187	**Rt. 10, Livingston**	**NJ**
Decker Corp., 2-5-11-12-13	45 Monument Rd. Bala Cynwyd	Pa
Delta Design Inc., 11	3163 Adams St. San Diego 16	Cal
Development Engineering Co. Inc., 2-3-6-7-8-10 11-12-13	9 Crease St. Norwalk	Conn
Electrada Corp., 4	11244 Playa St. Culver City	Cal
Electric Hotpack Co. Inc., 11-12-13	5016 Cottman St. Philadelphia 35	Pa
ELECTROSPACE CORP., 2-5, Adv Pg 378	**99 E Hawthorne Ave. Valley Stream**	**NY**
Emerson & Cuming, Inc., 11-12-13	869 Washington St. Canton	Mass
Enviro Equipment Corp., 2-3-7-8-11	369 Linden St. Brooklyn 27	NY
FXR INC., 4-5-9-11, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Forest Electric Co., 12	1003 N 25th Ave. Melrose Park	Ill
Gardner Lab. Inc., 7-11-12	Box 5728-E, Bethesda 14	Md
General Vacuum Corp., 2	81 Hicks Ave. Medford 55	Mass
Goodrich Sponge Products, B. F., 4	Shelton	Conn
Gruenberg Electric Co., 2-11-12-13	9 Commerical Ave. Garden City	NY
Gyrex Corp., 2-12	3003 Pennsylvania Ave. Santa Monica	Cal
HALLICRAFTERS CO., 4, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
Harris Mfg. Co. Inc., 1-11-12	308 River St. Cambridge 39	Mass
Hill & Co. E. Vernon., 5-11-12	Box 189, Lake Geneva	Wis
Hudson Bay Co., Div., Labline, Inc., 2-3-8-11	3070 W. Grand, Chicago 22	Ill
Hull Corp., 2-5-11-12	Davisville Rd. Hatboro	Pa
Huppert Co., K. H., 12	6830-40 S Cottage Grove, Chicago 37	Ill
Industrial Refrigeration Co., Inc., 2-8-11	8940 Ellis Ave, Los Angeles 34	Cal
International Pump & Machine Works, 2	81 Dorsa Ave. Livingston	NJ
International Radiant Corp., 2-3-5-6-7-8-10-11	577 E. 156th St, New York 55	NY
Kahl Scientific Instrument Corp., 11-12	737 W Main St. El Cajon	Cal
Kinney Vacuum Div., New York Air Brake Co., 2	3529 Washington St, Boston	Mass
Kollsman Instrument Corp Sub Standard Kollsman Ind Inc., 2-5	80-08 45th Ave. Elmhurst 73	NY
Korfund Co. Inc., 11	Cantiague Rd. Westbury	NY
Labline, Inc., 2-3-8-11-12	3070 W Grand Ave. Chicago 22	Ill
Lindgren & Associates, Erik A., 9	4515 N. Ravenswood Ave, Chicago	Ill
Ling Electronics Div. Ling-Temco Electronics, Inc., 1	1515 S Manchester Ave. Anaheim	Cal
Link Div. Gen. Precision Inc., 11	Binghamton	NY
McMillan Industrial Corp., 4-9	Brownville Ave. Ipswich	Mass
Martin Co., 1-2-3-4-5-6-7-8-9-10-11-12	Mail No. G3037, Baltimore 3	Md
Meaker Co., 7	75 River Rd. Nutley 10	NJ
Minn-Honeywell, Military Prods Gr., 2	2600 Ridgway Rd. Minneapolis 13	Minn
Missimers, Inc., 2-5-11-12-13	3737 San Fernando Rd. Glendale 4	Cal
Murphy & Miller, Inc., 2-3-11	612 N. Taylor St, Chicago 7	Ill
NRC Equipment Corp., 2	160 Charlemont St, Newton 61	Mass
New York Testing Labs. Inc., 2-3-5-6-7-8-9-10-11-12-13	47 West St. New York	NY
Northern Research & Engineering Corp., 11	230 Main St, Cambridge 42	Mass
Omtronics Mfg Inc., 12-13	Box 1419, Penny Pk Sta. Omaha 14	Neb
Portland Industries Corp., 5	South Portland	Me
Precision Scientific Co., 11	3737 W. Cortland, Chicago 47	Ill
RCA Service Co. Div. Radio Corp. of Amer., 2	Cherry Hill, Camden 8	NJ
Ray Proof Corp., 9	843 Canal St. Stamford	Conn
Research Inc., 12-13	Box 6164, Edina Br. Mnpls 24	Minn
Rototest Labs. Inc., 1	2803 Los Flores Blvd. Lynwood	Cal
Ryan Electronics Div. Ryan Aero. Co., 2-4	5650 Kearny Mesa Rd. San Diego 12	Cal
Sargent & Greenleaf Inc., 11	24 Seneca Ave. Rochester	NY
Scientific Engineering Laboratories, 2	1510 Sixth St, Berkeley 10	Cal
SHIELDING INC., 1-4-8-9-11, Adv Pg 307	**Box 33, Riverton**	**NJ**
Sierra Engineering Co., 2	123 E Montecito Ave. Sierra Madre	Cal
Singer-Bridgeport Div. Singer Mfg Co., 1-2-3-5-6-7-9-11-13	915 Pembroke St. Bridgeport 8	Conn
Sperry Microwave Electronics Co., 4	Box 1828, Clearwater	Fla
Sprague Engineering Corp., 2-3-5-6-7-8-11	19300 S. Vermont Ave, Gardena	Cal
STANDARD CABINET INC., 2-3-5-6-7-8-10-11-12 13 Adv Pg 9	**57 Washington Ave. Carlstadt**	**NJ**
Stark Electronic Instruments Ltd., 1	Box 670, Ajax	Ont

Statham Instruments Inc., 12	12401 W Olympic Blvd. Los Angeles 64	Cal
Stellardyne Labs., Inc., 2-3-5-6-7-8-10-11	1525 Cuyamaca, El Cajon	Cal
STOKES CORP., F. J., 2-12, Adv. Pgs. 249-252	**5500 Tabor Rd. Phila 20**	**Pa**
Tang Industries Inc., 12	400 Main St. Waltham 54	Mass
Temperature Engineering Corp., 2-5-11-12	1500 Tempcor Blvd. Riverton	NJ
Tenney Engineering Inc., 1-2-3-5-6-7-8-10-11-12-13	1090 Springfield Rd. Union	NJ
Thermo Electric Mfg. Co., 11	465 Huff St, Dubuque	Iowa
Thermovolt Instruments Ltd., 11-12	70 Advance Rd. Toronto 18	Ont
Topatron, Inc., 4-9	11601 Anabel Ave. Garden Grove	Cal
Topaz Transformer Products Inc., 9	7640 Girard Ave. La Jolla	Cal
Transducers, Inc., 1	2959 Honolulu Ave. La Crescenta	Cal
Turbo Machine Co., 2-4-5	840 N Main St. Lansdale	Pa
Ultek Corp., 2	920 Commercial St. Palo Alto	Cal
United Aerotronics Corp., 2-5-11-13	Box 239, Burlington	NJ
Vacuum Specialties Co., 2	34 Linden St. Somerville	Mass
Vitro Corp of America, 2-7-11-12	261 Madison Ave. New York 16	NY
VITRO ELECTRONICS DIV. VITRO CORP., 2-7-11-12 Adv Pgs 309, 310	**919 Jesup Blair Dr. Silver Spring**	**Md**
Waltham Precision Instrument Co., 12-13	221 Crescent St. Waltham 54	Mass
Webber Mfg Co. Inc., 2-11-12	Box 217, Indianapolis 6	Ind
West Coast Research Corp., 1-12	2102 S Sepulveda Blvd. Los Angeles	Cal
Western Electro-Acoustic Lab., 1	11747 San Vicente Blvd, Los Angeles	Cal
Williamson Development Co., 12	317 Main St. W Concord	Mass
Winder Aircraft Corp., 1-2-3-4-5-6-7-8-9-10-11-12-13	Dunnellon Air Base, Dunnellon	Fla
Wyle Labs. Mfg Div., 2-6-7-11-12	133 Center St, El Segundo	Cal

CHAMBERS -*IONIZATION*

Anton Electronic Labs Inc. Div. Lionel Corp	1226 Flushing Ave. Brooklyn 37	NY
Applied Physics Corp	2724 S. Peck Rd, Monrovia	Cal
Atomic Accessories Inc	811 W. Merrick Rd, Valley Stream	NY
EMI-Cossor Electronics Ltd	Box 525 Dartmouth NS	Can
General Electric Co., X-Ray Dept	4855 Electric Ave, Milwaukee	Wisc
Hammer Electronics Co. Inc	Box 531, Princeton	NJ
Hudson Bay Co., Div., Labline, Inc.	3070 W. Grand, Chicago 22	Ill
Hughes Microwave Components Div	Florence & Teale, Culver City	Cal
Kahl Scientific Instrument Corp	737 W Main St. El Cajon	Cal
Labline, Inc	3070 W Grand Ave. Chicago 22	Ill
NRC Equipment Corp	160 Charlemont St. Newton 61	Mass
Nuclear Chicago Corp	333 E Howard St. Des Plaines	Ill
Neclear Corp of America	2 Richwood Pl, Denville	NJ
Nuclear Electronics Corp	2925 N Broad St. Philadelphia 32	Pa
Portland Industries Corp	South Portland	Me
RCA Service Co. Div. Radio Corp. of Amer	Cherry Hill, Camden 8	NJ
Radiation Technology, Inc	657 Antone St. NW Atlanta 18	Ga
Reuter-Stokes Electronic Components, Inc.	2149 Hamilton Ave, Cleveland 14	Ohio
Technical Associates	142 W. Providencia Ave, Burbank	Cal
Tracerlab, Inc	1601 Trapelo Rd, Waltham 54	Mass
Twentieth Century Electronics Ltd	King Henry's Dr. New Addington, Surrey	Eng
U. S. Nuclear Corp	801 N. Lake St. Burbank	Cal
Whitewater Electronics Inc	136 W Main St. Whitewater	Wis
Winder Aircraft Corp	Dunnellon Air Base, Dunnellon	Fla

CHANGERS -*RECORD* See PHONOGRAPHS
CHARACTER TUBES See TUBES -*CATHODE RAY*

CHARGERS -*BATTERY*

1. *ELECTRON-TUBE*
2. *ENGINE-DRIVEN GENERATOR*
3. *METALLIC OXIDE*
4. *MOTOR-GENERATOR*
5. *PORTABLE*
6. *SELENIUM*
7. *SILICON*

AC Electronics, Inc., 3-6-7	11725 Mississippi Ave. Los Angeles 25	Cal
Accurate Specialties Co. Inc., 6	345 Lodi St. Hackensack	NJ
ACME ELECTRIC CORP., 1-5-6-7, Adv Pg 173	**Water St. Cuba**	**NY**
Admiral Corp., 2	3800 W Cortland St. Chicago 47	Ill
Airdesign Corp., 1-5	Box 987, Norristown	Pa
All American Engineering Co. Inc., 7	Box 1247, Wilmington 99	Del
American Rectifier Corp., 6-7	95 Lafayette St. New York 13	NY
AMERICAN TELEVISION & RADIO CO., 5-6, Adv Pg 324	**300 E 4th St. St Paul 1**	**Minn**
Anders Electronics, Inc., 1-3-6-7	30 Brook Rd. Needham Heights 94	Mass
Applied Control Corp., 5-7	1000 Main St. Hackensack	NJ
Automatic Switch Co., 6	50-56 Hanover Rd. Florham Park	NJ
Barfield & Co. Inc., 5-6-7	3624 S Kedzie Ave. Chicago 32	Ill
Barker & Williamson Inc., 1-6	Canal & Beaver Sts. Bristol	Pa
Basler Electric Co. Systems Sales, 3-5-6-7	Box 269, Highland	Ill
Bogue Electric Mfg. Co., 4	52 Iowa Ave, Paterson 3	NJ
Bundy Electronics Corp., 6	173 Fabyan Pl, Newark	NJ
Burnac Electronics Co. Inc., 3-6-7	142 S Long Beach Rd. Rockville Centre	NY
C&D Batteries Div., Electric Autolite Co., 4-5-7	Conshohocken	Pa
CTS of Canada Ltd., 1-6-7	80 Thomas St. Streetsville	Ont
Cadre Industries Corp., 5	Box 150, Endicott	NY
Canadian Research Institute, 1-5	85 Curlew Dr. Don Mills	Ont
CHRISTIE ELECTRIC CORP., 1-5-6-7, Adv Pg 146	**3410 W 67 St. Los Angeles 43**	**Cal**
Consolidated Diesel Electric Corp., 2-4	880 Canal St, Stamford	Conn
Control Corp., 6-7	718 Central Ave. Minneapolis 14	Minn
CORNELL-DUBILIER ELECTRONICS DIV. FED PACIFIC ELEC CO., 1, Adv Pgs 148, 149	**50 Paris St. Newark 1**	**NJ**
Djuco, Div., Diversified Engrg Co., 1-6-7	1953 N. Damen, Chicago 47	Ill
Dressen Electric Co., 1-5-6-7	2705 Wight St, Detroit 7	Mich
E.P. Electric Products Co., Ltd., 6-7	9720 Waverly St, Montreal 12, Que, Canada	
ERA Pacific, Inc., 7	1760 Stanford St. Santa Monica	Cal
Elcor Inc., 7	1225 W Broad St. Falls Church	Va
Electric Autolite Co., 7	Champlain St. Toledo 1	Ohio
Electro Powerpacs Inc., 3-5-6-7	5 Hadley St. Cambridge 40	Mass
Electro-Seal Corp., 5-7	946 North Ave. Des Plaines	Ill
Electronics Measurements Corp., 6	625 Broadway, New York 12	NY
Electronic Research Assoc, Inc., 7	67 Factory Pl, Cedar Grove	NJ
Exide Int'l. Div., Elec. Stor. Battery Co., 4-5-7	Rising Sun Adams, Phila 20	Pa
Fansteel Metallurgical Corp., 6-7	2200 Sheridan Rd. N Chicago	Ill
Fedtro Inc., 5-6	Fed Elect Bldg. Rockville Centre	NY
GATES ELECTRONIC CO., 5-6-7, Adv Pg 424	**2243 White Plains Rd. Bronx 67**	**NY**
GENERAL ELECTRIC CO. APPARATUS SALES, 1-4, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
GENERAL MAGNETICS, INC., 3-6-7, Adv Pg 543	**Dept B, 2641 Londsiana Ave. Mnpls 26**	**Minn**
General Nuclear Corp., 3-5-6-7	550 5th Ave. New York 28	NY
Generator Corp., 2-4	315 Tudor Ln. Manassas	Va
Globe Electronics, Div. Textron Electronics, Inc., 5	22-30 S 34th St. Council Bluffs	Iowa
Gordon Enterprises, 6-7	5362 N Cahuenga Blvd. N Hollywood	Cal
Heath Co. A Sub of Daystrom, Inc., 6	Benton Harbor	Mich
Heinz-Mueller Eng Co. Inc., 4	4725 Iowa St. Chicago 51	Ill
Hoffman Electronics Corp. Semiconductor Div., 7	1001 N Arden Dr. El Monte	Cal
INTERELECTRONICS CORP., 1-3-5-6-7, Adv Pg 521	**2432 Grand Concourse, New York 58**	**NY**
Intl Tel & Tel Corp., Industrial Products Div., 6-7	15191 Bledsoe St, San Fernando	Cal
Kato Engineering Co., 4-5	1415 1st Ave. Mankato	Minn
KEARFOTT DIV. GEN PRECISION INC., 4 Adv Pg 394	**Little Falls**	**NJ**
King Electric Equipment Co., 1-5-6-7	9123 Inman Ave. Cleveland 5	Ohio
Kurz & Root Co., 2-3-4-5-6-7	Appleton	Wisc
Lee Electric & Mfg. Co., 6-7	2806 Clearwater St, Los Angeles 39	Cal
Leland Airborne Products Div. A M F, 7	Box 128, Vandalia	Ohio
MACARR, INC., 5-6-7, Adv Pg 502	**4360 Bullard Ave. Bronx**	**NY**
Marathon Electric Mfg. Corp., 2-4	Randolph & Cherry Sts. Wausau	Wis
Matthew Labs., 6-7	4 Warburton Ave. Yonkers	NY
Meaker Co., 5-6-7	75 River Rd. Nutley 10	NJ
MicroSemiconductor Corp., 7	11250 Playa Ct. Culver City	Cal
Model Rectifier Corp., 5-6-7	1675 Utica Ave. Brooklyn 34	NY
Motoresearch Co., 2-3-4	1405-16th St. Racine	Wis
Motor Generator Corp. Aff. Hobart Bros., 2-4-5-7	Box BG 61, W Water-Jackson, Troy	Ohio
Multitone Electronics Ltd., 5	130 Merton St. Toronto 7	Can
New York Coil Co. Inc., 5	Phoenixville 12	Pa
Nichols, Ltd., R.H., 3-6	4544 Dufferin St, Downsview, Ontario, Canada	
North Electric Co., 5	553 S Market St. Galion	Ohio
Onan Div. Studebaker-Packard Corp., 2	2515 University Ave. SE, Mnpls. 14	Minn
OPAD ELECTRIC CO., 5-6-7, Adv Pg 400	**43-5 Walker St. New York 13**	**NY**
P. R. L. Electronics Inc., 5-6-7	232 Westcott Dr. Rahway	NJ
Pintsch Bamag AG, 6-7	Postfach 11, Butzbach, Germany	
Pioneer Gen-E-Motor Corp., 2	5841 W Dickens, Chicago 39	Ill
Power Equipment Co., 6-7	Portland Way N, Galion	Ohio
Power Supplies, Inc., 3-5-6-7	1007 Olive St, Highland	Ill
Radio Dev. & Research Corp., 1-2-4-5-6-7	100 Penna. Ave. Paterson 3	NJ
RAYTHEON CO. COMMER APPAR & SYSTEMS DIV., 6-7, Adv Pg 41	**225 Crescent St. Waltham 54**	**Mass**
Schauer Mfg. Corp., 3-5-6-7	4521 Alpine Ave. Cincinnati 42	Ohio
Slater Electric Inc., 6-7	45 Sea Cliff Ave. Glen Cove	NY
Snap-On Tools Corp., 5-6-7	8129 - 28th Ave. Kenosha	Wis
Sprague Engineering Corp., 7	19300 S. Vermont Ave, Gardena	Cal
Summit Electronics, Inc., 1-3-5	7 Industrial Pl, Summit	NJ
SYNTRON CO. SEMICONDUCTOR DIV., 6-7, Adv Pg 97	**Homer City**	**Pa**
Telectro Industries Corp., 3-5	35-16 - 37th St. Long Island City 1	NY
Terado Co., 5-7	1059 Raymond Ave, St. Paul 14	Minn
TUNG-SOL ELECTRIC INC., 6-7, Adv Pgs 158, 159	**1 Summer Ave. Newark 4**	**NJ**
Vapor Heating Corp., 7	80 E Jackson Blvd. Chicago 4	Ill
Vickers Inc. Electric Products Div., 4-6-7	1899 Locust St. St Louis 3	Mo
Warren Mfg. Co., Inc., 7	Newtown Rd, Littleton	Mass
Western Design & Electronics, 4	Santa Barbara Airport, Goleta	Cal
Westinghouse-Gen Purpose Controls Dept., 6-7	Buffalo	NY
Wickes Engineering & Construction Corp., 4	12th St. & Ferry Ave. Camden 4	NJ
Wincharger Corp., 2	E 7th & Division Sts. Sioux City	Iowa
Winder Aircraft Corp., 1-2-3-6-7	Dunnellon Air Base, Dunnellon	Fla
YARDNEY ELECTRIC CORP., 5-6-7, Adv Pg 99	**40 Leonard St. New York 13**	**NY**

CHARGERS -*DOSIMETER*

A. O. I. P	23 Pl. Jeanne d'Arc, Paris 13	Fr
Atomic Accessories Inc	811 W. Merrick Rd, Valley Stream	NY
Bendix Corp. Cincinnati Div	3130 Wasson Rd. Cincinnati 8	Ohio
Landsverk Electrometer Co.	641 Sonora Ave. Glendale 1	Cal
Nuclear Measurements Corp.	2463 N Arlington Ave. Indianapolis 18	Ind
Topp Industries, Inc	5221 W. 102 St, Los Angeles 45	Cal
TUNG-SOL ELECTRIC INC., Adv Pgs 158, 159	**1 Summer Ave. Newark 4**	**NJ**
U. S. Nuclear Corp	801 N. Lake St, Burbank	Cal
VICTOREEN INSTRUMENT CO., COMPONENTS DIV., Adv. Pgs. 466, 493	**5806 Hough Ave. Cleveland 3**	**Ohio**
Winder Aircraft Corp	Dunnellon Air Base, Dunnellon	Fla

CHARTS -*SMITH* See DRAFTING SUPPLIES
CHASSIS-HOLDING FIXTURES See FIXTURES -*HOLDING*
CHASSIS LOUVERS See LOUVERS
CHASSIS-MARKING LABELS See LABELS

CHASSIS -*METAL FORMED*

A A Metal Products, Inc	154 Elliot St, Brattleboro	Vt
ACF Electronics Div	Riverdale	Md
ABALON PRECISION MFG CORP., Adv Pg 539	**540 Casanova St. New York 59**	**NY**
Algo, Inc	251 West St, South Hackensack	NJ
Alpilac Inc	49 Gleason Ave. Stamford	Conn
Artisan Metal Works Co	11410 Madison Ave, Cleveland 2	Ohio
Brooks & Perkins, Inc	1950 W Fort St. Detroit 16	Mich
BUD RADIO INC., Adv Pg 343	**2118 E 55th St. Cleveland 3**	**Ohio**
California Chassis Co	5445 E Century Blvd. Lynwood	Cal
CHASSIS-TRAK CO. INC., Adv Pg 92	**525 S Webster Ave. Indianapolis 19**	**Ind**
CHRISTMAN INDUSTRIES INC., Adv Pg 476	**1562 61st St. Brooklyn**	**NY**
Control Devices, Inc	925 S Eton Rd. Birmingham	Mich
Cutler Metal Products Co	1025 Lime St, Camden	NJ
Dahlstrom Manufacturing Corp.	Jamestown	NY
Donnelly Mfg. Co	500 Winter St, Waltham 54	Mass
Electro-Rack, Inc	11501 Jefferson Blvd, Culver City	Cal
Electronic Enclosures, Inc	3629 Holdrege Ave, Los Angeles 16	Cal
Equipto Electronics Corp	319 N Webster St. Naperville	Ill
Erwood Inc	1770 Berteau Ave. Chicago 13	Ill
Falls Metal Works, Ltd	414 Main St, Little Falls	NJ
Falstrom Co	44 Falstrom Ct, Passaic	NJ
FORMICA METAL PRODUCTS CO., Adv Pg 524	**Corporation Way, Medford**	**Ohio**
General Metal Products Co	Easton	Pa
Golden Co	1054 38th St. Brooklyn 19	NY
Golding Mfg. Co	90 Porete Ave. North Arlington	NJ
Henry & Miller Industries, Inc	675 Garfield Ave, Jersey City 5	NJ
Holden-Massey Corp	140 Allen Blvd, Farmingdale	NY
Huenefeld Co	2701 Spring Grove Ave, Cincinnati 25	Ohio
I. E. Manufacturing	3041 Carroll, Chicago 12	Ill
Instrument Corp. of Florida	Box 1225, Melbourne	Fla
Jordan, Inc	428 Salem Ave, Dayton 6	Ohio
Kees Mfg Co., F. D.	702 Park St. Beatrice	Neb
LMB	2528 W. 9th St, Los Angeles 6	Cal
Lynch Mfg Co., R. H.	7831 E Arroyo Dr. South San Gabriel	Cal
Meridian Metalcraft, Inc	8739 S. Millergrove Dr, Whittier	Cal
Mobil Electronics, Inc	1111 State Rd 67E, Anderson	Ind
P.B.R. Mfg. Co	H & Luzerne Sts, Philadelphia 24	Pa
Paul & Beekman, Inc	1801 Courtland St, Philadelphia 40	Pa
Pearce Simpson, Inc	2295 NW 14th St. Miami 35	Fla
PREMIER METAL PRODUCTS CO Adv Pg 314	**337 Manida St. Bronx 59**	**NY**
Rada Products Co	2911 W. Carroll Ave, Chicago 12	Ill
Rimak Electronics Inc	10929 Vanowen St. N Hollywood	Cal
Templet Industries	701 Atkins Ave, Brooklyn	NY
WATSON MFG. CO. INC., Adv Pg 557	**4700 Taylor St. Jamestown**	**NY**
Winder Aircraft Corp	Dunnellon Air Base, Dunnellon	Fla
Wyco Metal Products	6918 Beck Ave, North Hollywood	Cal
York Metal Products, Inc	350 Greenwich St, New York 13	NY
Zero Mfg. Co	1121 Chestnut St, Burbank 71	Cal

CHASSIS SLIDES See SLIDES -*CHASSIS*
CHECKERS See ANALYZERS: TESTERS
CHEMICAL PROCESS CONTROLS See CONTROLS *PROVIDING DESIRED FUNCTION*
CHEMICALS -*CORROSION INHIBITING* See PACKAGING MATERIALS -*CORROSION INHIBITING*
CHEMICALS - CRT SCREEN POWDERS See TUBE PARTS
CHEMICALS -*DEGREASING* See SOLVENTS

CHEMICALS -*ELECTRONIC*

Allied Chemical Corp., Baker & Adamson Prods-Gen Chem Div	40 Rector St, New York	NY
BAKER CHEMICAL CO., J. T., Adv Pg 333	**Phillipsburg**	**NJ**
Barco Chemical Products Co	701-703 S. La Salle, Chicago 5	Ill
Barium & Chemicals, Inc	Willoughby	Ohio
Beaver Labs	469 Jericho Tpke. Mineola	NY
Bio-Rad Laboratories	1257 S. 32nd St, Richmond	Cal
Carg Labs, Inc	46 Stanwood Rd, New Hyde Park	NY
Carad Corp	3381 Junipero Serra Blvd. Palo Alto	Cal
Chemtronics Inc	870 E. 52nd St, Brooklyn 3	NY
City Chemical Corp.	132 W. 22nd St, New York 11	NY
Coast Pro-Seal & Mfg. Co.	2235 Beverly Blvd. Los Angeles	Cal
Comaco Products Inc	933 W 3rd Ave. Spokane	Wash
Delta Chemical Works	21 W. 60th St, New York	NY
Electronic Chemical Corp	813 Communipaw Ave, Jersey City 4	NJ
Electronic Production & Development, Inc.	501 N Prairie Ave. Hawthorne	Cal
Electroparts	P.O. Box 1137, Glendale	Cal
Enthone, Inc	442 Elm St. New Haven	Conn
Fidelity Chemical Products Corp	472 Frelinghuysen Ave, Newark	NJ
Foote Mineral Co	Rm 411, 18 W Chelten Ave, Phila 44	Pa
G-C Electronics Co	400 S Wyman St. Rockford	Ill
Gallard-Schlesinger Chemical Mfg Corp	1001 Franklin Ave, Garden City	NY
General Electric Co., Lamp Metals & Components Dept.	21800 Tungsten Rd, Cleveland 17	Ohio
Isochem Resins Co	221 Oak St, Providence 9	RI
LMB	2528 W. 9th St, Los Angeles 6	Cal
London Chemical Co	1535 N 31st Ave. Melrose Park	Ill
MacDermid Inc	526 Huntington Ave, Waterbury 20	Conn
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Magic Chemical Co.	121 Crescent St. Brockton	Mass
Mallinckrodt Chemical Works	Second & Mallinckrodt Sts, St. Louis 7	Mo
Materials for Electronics, Inc	152-25 138 Ave, Jamaica 34	NY
Matheson Coleman & Bell	2909 Highland Ave, Norwood	Ohio
Metachem Resins Corp. Mereco Prod Div	530 Wellington Ave. Cranston 10	RI
MILLER-STEPHENSON CHEMICAL CO. INC., Adv Pg 450	**39 Day St. South Norwalk**	**Conn**
Minnesota Mining & Mfg. Co., Chemical Div	900 Bush Ave, St. Paul 6	Minn
Oakite Products, Inc	79 Rector St. New York 6	NY
Philadelphia Quartz Co	1140 Public Ledger Bldg, Phila 6	Pa
Quetrole Co	335 St. John St, Spartanburg	SC
Rego Insulated Wire Co	830 Monroe St. Hoboken	NJ
SEMI-ELEMENTS INC., Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
Silicones Div., UCC	270 Park Ave, New York 17	NY
Superex Electronics Corp	4-6 Radford Place, Yonkers	NY
Sylvania Electric Prods., Inc., Chem & Metallurgical Div	Towanda	Pa
Topper Mfg. Co., Inc	84-56 Parsons Blvd, Jamaica 32	NY
Var-Lac-Oid Chemical Co	116 Broad St, New York 4	NY

CHEMICALS -*FLUORESCENT* See FLUORESCENT COMPOUNDS

CHEMICALS -*FUNGICIDAL* See COATINGS -*FUNGICIDAL*: FUNGIPROOFING SERVICES

CHEMICALS -*LUMINESCENT*

Allied Chemical Corp., Baker & Adamson Prods-Gen Chem Div	40 Rector St, New York	NY
Anaconda Chemical Co.	170 Broadway, New York 38	NY
City Chemical Corp	132 W. 22nd St, New York 11	NY
Delta Chemical Works	21 W. 60th St, New York	NY
du Pont de Nemours & Co., Inc., E.I.	Wilmington 98	Del
Gallard-Schlesinger Chemical Mfg Corp	1001 Franklin Ave, Garden City	NY
General Electric Co. Lamp Metals & Components Dept	21800 Tungsten Rd. Cleveland 17	Ohio
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Magic Chemical Co.	121 Crescent St. Brockton	Mass
Mallinckrodt Chemical Works	Second & Mallinckrodt Sts, St. Louis 7	Mo
Materials for Electronics, Inc	152-25 138 Ave, Jamaica 34	NY
SEMI-ELEMENTS INC., Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
Shannon Luminous Materials Co	7356 Santa Monica Blvd, Hollywood	Cal
Stroblite Co. Inc	77 W 45 St. New York 36	NY
Sylvania Electric Prods., Inc., Chem & Metallurgical Div	Towanda	Pa
United Mineral & Chemical Corp.	16 Hudson St. New York 13	NY
U. S. Nuclear Corp	801 N. Lake St, Burbank	Cal
U.S. RADIUM CORP., Adv Pg 200	**P.O. Box 246, Morristown**	**NJ**
Var-Lac-Oid Chemical Co	116 Broad St, New York 4	NY

CHEMICALS – *METAL CONVERSION COATING*

Allied Chemical Corp., Baker & Adamson Prods-Gen Chem Div	40 Rector St, New York	NY
Allied Research Products, Inc	4004 E. Monument St, Baltimore 5	Md
Bram Metallurgical Chemical Co	820 65 Ave, Philadelphia 26	Pa
City Chemical Corp	132 W. 22nd St, New York 11	NY
Clarkson Labs. Inc	1450 Ferry Ave. Camden 4	NJ
Delta Chemical Works	21 W. 60th St, New York	NY
Detrex Chemical Industries, Inc	P.O. Box 501, Detroit 32	Mich
Enthone, Inc	442 Elm St. New Haven	Conn
Fidelity Chemical Products Corp	472 Frelinghuysen Ave, Newark	NJ
Gallard-Schlesinger Chemical Mfg Corp	1001 Franklin Ave, Garden City	NY
L W B	2520 W 9th St. Los Angeles 6	Cal
MacDermid Inc	526 Huntington Ave, Waterbury 20	Conn
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Magic Chemical Co.	121 Crescent St. Brockton	Mass
Mallinckrodt Chemical Works	2nd & Mallinckrodt Sts. St Louis 7	Mo
MASTER ETCHING MACHINE CO., Adv Pgs 527, 528	**127 Greenwood Ave. Wyncote**	**Pa**
Oakite Products, Inc	79 Rector St, New York 6	NY
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
United Mineral & Chemical Corp.	16 Hudson St. New York 13	NY
Var-Lac-Oid Chemical Co	116 Broad St, New York 4	NY
Wye Industries	6 General Devine Way, Boston 27	Mass

CHEMICALS – *PLATING*

1. ELECTROLESS PLATING 2. ELECTROPLATING

Acoto Chemical Co. Inc., 2	40-40 Lawrence St. Flushing 54	NY
Allied Chemical Corp. Baker & Adamson Prods.-Gen. Chem. Div., 1-2	40 Rector St. New York	NY
Allied Research Products, Inc., 2	4004 E. Monument St, Baltimore 5	Md
Baron Chemical Products Co., 2	701-703 S. La Salle, Chicago 5	Ill
Barium & Chemicals, Inc., 2	Willoughby	Ohio
Bart Labs & Design Inc., 1-2	125 Manchester Pl, Newark 4	NJ
Bonnus Watch Co. Inc., 2	30 Cherry Ave. Waterbury	Conn
City Chemical Corp., 1-2	132 W. 22nd St, New York 11	NY
Compo Shoe Machinery Corp., 1	Roberts Rd. Waltham 54	Mass
Digitool Corp., 3-7	5300 Brownway Rd. Houston 27	Tex
Dow Chemical Co., 2	Midland	Mich
du Pont de Nemours & Co., Inc., E.I., 2	Wilmington 98	Del
Engelhard Industries, Inc., 2	113 Astor St, Newark 2	NJ
Engineering Science Div Amer Metal Pots Co., 1	2801 S State St. Ann Arbor	Mich
Enthone, Inc., 1-2	442 Elm St. New Haven	Conn
ETCHOMATIC INC., 1, Adv Pg 520	**182 Newton St. Waltham 54**	**Mass**
Gemex Corp. Industrial Div., 2	1200 Commerce Ave. Union	NJ
General American Transportation Corp., 1	135 S. La Salle St, Chicago 3	Ill
Hanny & Miller Industries, Inc., 2	675 Garfield Ave, Jersey City 5	NJ
London Chemical Co., 2	1535 N 31st Ave. Melrose Park	Ill
MacDermid Inc., 1-2	526 Huntington Ave, Waterbury 20	Conn
A.D. Mackay, Inc., 2	198 Broadway, New York 38	NY
Mallinckrodt Chemical Works, 1-2	2nd & Mallinckrodt Sts. St Louis 7	Mo
Martin Co., 2	Mail No. G3037, Baltimore 3	Md
Metal & Thermit Corp., 2	Rahway	NJ
Metz Refining Co., 2	363 Mulberry St. Newark 2	NJ
Nu-Line Industries Inc., 2	1015 S 6th St. Minneapolis 4	Minn
Sel-Rex Corp., 2	75 River Rd, Nutley 10	NJ
Silco Metachemical, Inc., 2	1815 E. 63 St, Cleveland 3	Ohio
Technic Inc., 1-2	Box 965, Providence 1	RI
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 2, Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
Ultra-Motive Co., 2	7460 Girard Ave. La Jolla	Cal
Var-Lac-Oid Chemical Co., 1-2	116 Broad St. New York 4	NY
Wye Industries, 2	6 General Devine Way, Boston 27	Mass

CHEMICALS – *PRINTED-CIRCUIT*

1. CLEANERS-ASSEMBLIES (AFTER DIP-SOLDERING)
2. CLEANERS-BOARD (AFTER ETCHING)
3. ETCHING ACIDS
4. LIGHT-SENSITIVE
5. RESISTS

Advance Process Supply Co., 5	2315 W Huron St. Chicago 12	Ill
Allied Chemical Corp. Baker & Adamson Prods.-Gen. Chem. Div., 1-2-3-4-5	40 Rector St. New York	NY
Alpha Metals, Inc., 1	600 Water St. Jersey City	NJ
Amerounda Chemical Co., 3-5	170 Broadway, New York 38	NY
Baron Chemical Products Co., 1	701-703 S. LA Salle, Chicago 5	Ill
Blacklight Corp of America, 1	5112 Walnut Grove Ave. San Gabriel	Cal
Camel Corp	3381 Junipero Serra Blvd. Palo Alto	Cal
City Chemical Corp., 3	132 W. 22nd St, New York 11	NY
Clarkson Labs. Inc., 1-2	1450 Ferry Ave. Camden 4	NJ
Compo Shoe Machinery Corp., 1-2	Roberts Rd. Waltham 54	Mass
Corning Glass Works, Corning Electronic Components, 3-5	550 High St. Bradford	Pa
CURTISS-WRIGHT CORP. PRINCETON DIV., 1, Adv Pgs 382, 426, 494	**Princeton**	**NJ**
Detrex Chemical Industries, Inc., 1-2	P.O. Box 501, Detroit 32	Mich
Dow Chemical Co., 3	Midland	Mich
Dry Screen Process, Inc., 5	1016 Madison Ave, Pittsburgh 12	Pa
Eastman Kodak Co., 4-5	343 State St. Rochester 4	NY
Enthone, Inc., 1-2	442 Elm St, New Haven	Conn
ETCHOMATIC INC., 1-2-4-5, Adv Pg 520	**182 Newton St. Waltham 54**	**Mass**
Factory Enterprises Inc., 4	3431 Butler St. Pittsburgh 1	Pa
Fidelity Chemical Products Corp., 1	472 Frelinghuysen Ave. Newark	NJ
HUNT CO., PHILIP A., 3, Adv Pg 180	**Palisades Park**	**NJ**
Isochem Resins Co., 1	221 Oak St. Providence 9	RI
Keil Engineering Products Inc., 3-5	8633 Manchester, St. Louis 10	Mo
Kressilk Products, Inc., 5	73 Murray St. New York 7	NY
London Chemical Co., 1-2-5	1535 N 31st Ave. Melrose Park	Ill
MacDermid Inc., 1-2-3	526 Huntington Ave, Waterbury 20	Conn
Magic Chemical Co., 1-2	121 Crescent St. Brockton	Mass
Mallinckrodt Chemical Works, 1-2-3-4	2nd & Mallinckrodt Sts. St Louis 7	Mo
MASTER ETCHING MACHINE CO., 2, Adv Pgs 527, 528	**127 Greenwood Ave. Wyncote**	**Pa**
Michael, Inc., Claude, 1-2-5	703 W. Ivy St, Glendale 4	Cal
Narda Ultrasonics Corp., 1-2	200 Michael Dr. Syosset 1	NY
Oakite Products, Inc., 1-2	79 Rector St, New York 6	NY
POWERTRON ULTRASONICS, 1, Adv Pg 489	**Patterson Pl. Roosevelt Fld. Garden City**	**NY**
Sel-Rex Corp., 2-5	75 River Rd. Nutley 10	NJ
ULTRASONIC INDUSTRIES INC., 1-2, Adv Pg 417	**Ames Ct. Plainview**	**NY**
Ultra-Violet Products, Inc., 1	5114 Walnut Grove Ave. San Gabriel	Cal
WIRE CLOTH ENTERPRISES INC., 4, Adv Pg 535	**3408 Penn Ave. Pittsburgh 1**	**Pa**
Wye Industries, 1-2	6 General Devine Way, Boston 27	Mass

CHEMICALS – *TUBE*

Allied Chemical Corp., Baker & Adamson Prods-Gen Chem Div	40 Rector St, New York	NY
Barium & Chemicals, Inc	Willoughby	Ohio
Corning Glass Works, Corning Electronic Components	550 High St. Bradford	Pa
du Pont de Nemours & Co., Inc., E.I.	Wilmington 98	Del
General Electric Co. Lamp Metals & Components Dept	21800 Tungsten Rd. Cleveland 17	Ohio
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Mallinckrodt Chemical Works	Second & Mallinckrodt Sts, St. Louis 7	Mo
Materials for Electronics, Inc	152-25 130 Ave, Jamaica 34	NY

CHEMICALS *WIRE STRIPPING* See STRIPPERS
CHOKES See COILS

CHOKES – *WAVEGUIDE*

Airtec, Inc	139 E. First Ave, Roselle	NJ
Andrew California Corp	941 E Maryland Ave. Claremont	Cal
ANTENNA SYSTEMS, INC., Adv Pg 428	**Hingham Industrial Center, Hingham**	**Mass**
C W S Waveguide Corp	301 W. Hoffman Ave, Lindenhurst	NY
DeMORNAY-BONARDI CORP., Adv. Pgs. 178, 179	**780 S Arroyo Pkwy. Pasadena**	**Cal**
FXR INC., Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
M.C.S. Corp.	1001 S Mountain Ave. Monrovia	Cal
Microwave Associates, Inc	Burlington	Mass
MICROWAVE CORP. OF AMERICA, Adv Pg 462	**Box 278, Stamford**	**Conn**
Microwave Development Labs. Inc	15 Strathmore Rd. Natick	Mass
Microwave Dynamics Corp	5 Fairchild Ct. Plainview	NY
OMEGA LABORATORIES INC., Adv Pg 226	**Box 309, Rowley**	**Mass**
PEM MACHINE TOOL CO. INC., Adv Pg 536	**1456 Chestnut Ave. Hillside**	**NJ**
PORTCHESTER INSTRUMENT CORP., Adv Pg 468	**114 Wilkins Ave. Port Chester**	**NY**
Ram Electronics, Inc	600 Industrial Ave, Paramus	NJ
Schutter Microwave Corp	80 E Montauk Hwy. Lindenhurst	NY
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
United Shoe Machinery Corp	140 Federal St. Boston	Mass
Victor R.F. & Microwave Co	38 W Water St. Wakefield	Mass
Waveline, Inc	P.O. Box 718, Caldwell	NJ

CHOPPER DEMODULATORS See DEMODULATORS

CHOPPERS – *D-C TO A-C*

1. DIODE-TYPE (CRYSTAL & TUBE)
2. MAGNETIC-AMPLIFIER-TYPE
3. TRANSISTOR-TYPE
4. TUBE-TYPE
5. VIBRATING-ARMATURE (ELECTRO-MAGNETIC)
6. VIBRATING TRANSISTOR TYPE – DC DRIVE
7. PHOTOELECTRIC

AC Electronics, Inc., 1-2-3	11725 Mississippi Ave. Los Angeles 25	Cal
A. O. I. P., 7	23 Pl. Jeanne d'Arc, Paris 13.	Fr
AIRPAX ELECTRONICS INC. CAMBRIDGE DIV., 3-5-6, Adv Pg 106	**Cambridge**	**Md**
AIRPAX ELECTRONICS INC. SEMINOLE DIV., 2, Adv Pg 106	**Fort Lauderdale**	**Fla**
Airtronics International Corp., 1-3	Box 8576, Fort Lauderdale	Fla
Amer-Monarch Corp. Amer. Elec. Div., 3	2801 37th Ave. NE, Minneapolis 18	Minn
American Research & Mfg. Corp., 2-4	920 Halpine Ave. Rockville	Md
Applied Control Corp., 2	1000 Main St. Hackensack	NJ
APPLIED ELECTRONICS CORP. OF NJ, 2-3, Adv Pg 518	**22 Center St. Metuchen**	**NJ**
Atlas Controls Inc., 2-3-6	Dept. EM, 9 Erie Dr. Natick	Mass
Bastler Electric Co. Systems Sales, 2-3-6	Box 269, Highland	Ill
Beckman & Whitley, Inc., 7	993 San Carlos Ave. San Carlos	Cal
Brach Mfg. Corp., 2-3	200 Central Ave. Newark	NJ
Bristol Co., 5	Box 1790 EBG, Waterbury 20	Conn
Burr-Brown Research Corp., 3	Box 6444, Tucson	Ariz
Cambridge Electronics Corp., 7	294 Center St. Newton	Mass
Collins Electronics, Inc., 5	Stevensville	Md
Communications Control Corp., 3	14707 Keswick St. Van Nuys	Cal
Computer Sciences, Inc., 3	603 Main St. Westbury	NY
Control Technology Co., 1-3	1186 Broadway, New York 1	NY
Cook Electric Co., 2-6	2700 Southport Ave. Chicago 14	Ill
Crestmont Electronics, 3	2201 W Burbank Blvd, Burbank	Cal
Decker Corp., 3	45 Monument Rd. Bala Cynwyd	Pa
Di-Tran Corp., 1-3	11307 Hindry Ave, Los Angeles 45	Cal
Djeco, Div., Djordjevic Engrg Co., 2-3	1933 N. Damen, Chicago 47	Ill
Dresser Electronics HST Div., 2-3-6	555 N 5th St. Garland	Tex
Dresser Electronics SIE Div., 3	10201 Westheimer Rd. Houston 42	Tex
ERA Pacific, Inc., 2-3	1760 Stanford St. Santa Monica	Cal
ELECTRONIC PRODUCTS CORP., 3, Adv Pgs 545, 546	**4642 Belair Rd. Baltimore 6**	**Md**
Electronic Research Assoc. Inc., 2-3	67 Factory Pl. Cedar Grove	NJ
Engineered Magnetics Div., Gulton, 2-3	13041 Cerise Ave, Hawthorne	Cal
Epsco Inc. Components Div., 1-2-3	275 Massachusetts Ave. Cambridge 39	Mass
Fairfield Controls Inc., 2-3	114 Manhattan St. Stamford	Conn
Fork Standards Inc., 5	1915 N Harlem Ave. Chicago 35	Ill
GENERAL DEVICES INC., 1-3, Adv Pg 518	**Box 253, Princeton**	**NJ**
GENERAL MAGNETICS, INC., 1-2, Adv Pg 543	**Dept B, 2641 Louisiana Ave. Mapls 26**	**Minn**
GENERAL MAGNETICS INC., 2, Adv. Pgs. 327, 328	**135 Bloomfield Ave. Bloomfield**	**NJ**
Greenray Industries, Electronics's Div., 1-3-4-6	Mechanicsburg	Pa
Hamilton Standard Div. United Aircraft Corp., 3	Broad Brook	Conn
Industrial Control Co., 1-2-3	Central Ave. at Pinelawn, Farmingdale	NY
Intercontinental Electronics Corp., 2-3	300 Shames Dr. Westbury 29	NY
INTERELECTRONICS CORP., 1-2-3-6, Adv Pg 521	**2432 Grand Concourse, New York 58**	**NY**
International Research Associates, 3	2221 Warwick Ave, Santa Monica	Cal
James Electronics Inc., 3-5-6-7	4050 N. Rockwell St. Chicago 18	Ill
KEARFOTT DIV. GEN PRECISION INC., 3 Adv Pg 394	**Little Falls**	**NJ**
KIN TEL DIV. COHU ELECTRONICS, 5, Adv Pgs 244, 245, 247	**5725 Kearny Villa Rd. San Diego 12**	**Cal**
LING-TEMCO ELECTRONICS INC. MICROMODULAR COMPONENTS DIV., 1-3, Adv Pg 223	**1859 S Manchester, Anaheim**	**Cal**
Lumen, Inc., 2	P.O. Box 905, Joliet	Ill
Magnalectric Corp., 3	Box 6008, Tulsa	Okla
Magnetic Circuit Elements, Inc., 2	1722 Park Pl., Montrose	Cal
Mallory Electromagnetic Co., 5	Du Quoin	Ill
Micromag Instrument Corp., 2	115 Hallock St, Roxbury	Mass
Millivac Instruments Inc., 5	Box 997, Schenectady	NY
Minn-Honeywell, Brown Instruments Div., 5	Wayne & Windrim Aves. Philadelphia 44	Pa
Norbatrol Electronics Corp., 2	356 Collins Ave. Pittsburgh 6	Pa
Nuclear Electronics Corp., 3	2925 N Broad St. Philadelphia 32	Pa
OAK MFG CO., 5, Adv Pg 283	**Crystal Lake**	**Ill**
Ortronix, Inc., 3-6	Forsythe Rd. Dr. 8217, Orlando	Fla
OVITRON CORP., 2-3-6, Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
Penn Keystone Corp., 3-5	Box 350, Derby	Conn
PHILCO CORP. LANSDALE DIV., 3 Adv Pg 88, 89	**501 Church Rd. Lansdale**	**Pa**
PHOTOCHRON INSTRUMENTS INC., 7, Adv Pg 516	**662 Main St. Westbury**	**NY**
Pintsch Bamag AG, 3	Postfach 11, Butzbach, Germany	
Plug-In Instruments, Inc., 3	1416 Lebanon Rd. Nashville 10	Tenn
R S ELECTRONICS CORP., 3-4, Adv Pg 305	**Box 11368, Sta A, Palo Alto**	**Cal**
Radio Dev. & Research Corp., 1-2-3-4	100 Penna. Ave. Paterson 3	NJ
Raytheon Co. Ind Components Div., 7	55 Chapel St. Newton 58	Mass
RED BANK DIV. BENDIX CORP., 5, Adv Pgs 16, 17	**Eatontown**	**NJ**
Regulators, Inc., 2-3-6	455 W Main St. Wyckoff	NJ
Scientific-Atlanta Inc., 5	2162 Piedmont Rd, NE, Atlanta 9	Ga
Servo-Tek Products Co., Inc., 1-2	1086 Goffle Rd, Hawthorne	NJ
SOLID STATE ELECTRONICS CO., 3 Adv Pg 238	**Dept E 15321 Rayen St. Sepulveda**	**Cal**
Sparton Corp., 1-2-3-4	2400 E Ganson St. Jackson	Mich
Spec-Tronics, 3	13942 Saticoy Ave, Van Nuys	Cal
STEVENS-ARNOLD INC., 5-6, Adv Pg 367	**7 Elkins St. South Boston 27**	**Mass**
Straza Industries, 3-6	790 Greenfield Dr. El Cajon	Cal
Ten Bosch, Inc., M., 3	80 Wheeler Ave, Pleasantville	NY
Tenco Electronics Inc., 2-3	108 Cummington St. Boston	Mass
Toroids Unlimited Inc	3830 Terrace St. Philadelphia 28	Pa
TOROTRON CORP., 2-3-6, Adv Pg 234	**256 E 3rd St. Mt. Vernon**	**NY**
TORWICO ELECTRONICS INC., 2, Adv Pgs 491, 492	**Route 70, Lakewood**	**NJ**
TRANSITRON ELECTRONIC SALES CORP., 1, Adv Pgs 315-318	**168-182 Albion St. Wakefield**	**Mass**
U. S. Nuclear Corp., 5	801 N. Lake St, Burbank	Cal
UNITED TRANSFORMER CORP., 2-3-4, Adv Pg 2nd Cover 1, 2	**150 Varick St. New York 13**	**NY**
Universal Toroid Coil Winding Inc., 3	171EB Cen St. Irvington 11	NJ
VARO, INC., 2 Adv Pg 118	**2201 Walnut St. Garland**	**Tex**
Victory Engineering Corp., 3	101 Springfield Rd, Union	NJ
Winder Aircraft Corp., 1-3-4	Dunnellon Air Base, Dunnellon	Fla

CHROMIUM

1. BARS 2. POWDER & PELLETS

Belmont Smelting & Refining Works, 2	332 Belmont Ave, Brooklyn 7	NY
Bram Metallurgical Chemical Co., 1-2	820 65 Ave, Philadelphia 26	Pa
Engineering Science Div Amer Metal Pots Co., 2	2801 S State St. Ann Arbor	Mich
A.D. Mackay, Inc., 1-2	198 Broadway, New York 38	NY
Semi-Alloys Inc., 1-2	20 McQuesten Pkwy. N, Mt. Vernon	NY
Shieldalloy Corp., 2	Newfield	NJ
United Mineral & Chemical Corp., 1-2	16 Hudson St. New York 13	NY
Var-Lac-Oid Chemical Co., 2	116 Broad St, New York 4	NY

CHRONAXIMETERS

Electro-Medical Lab., Inc	South Woodstock 8	Vt
Teca Corp.	80 Main St, White Plains	NY

CHRONOGRAPHS *(TIME INTERVAL RECORDERS)*

Bristol Co.	Box 1790 EBG, Waterbury 20	Conn
Chrono-Log Corp.	P.O. Box 4587, Philadelphia 31	Pa
Computer-Measurements Co	12970 Bradley Ave. Sylmar	Cal
Control Equipment Corp	19 Kearney Rd. Needham Heights 94	Mass
Electro-Medical Lab., Inc	South Woodstock 8	Vt
ERIE-PACIFIC DIV. ERIE RESISTOR CORP., Adv Pg 206	**12932 S Weber Way Hawthorne**	**Cal**
Gordon Enterprises	5362 N. Cahuenga Blvd, N. Hollywood	Cal
Rank Cintel Ltd	Worsley Bridge Rd, London S.E. 26, England	

CHRONOSCOPES *(TIME INTERVAL INDICATORS)*

A. O. I. P	23 Pl. Jeanne d'Arc, Paris 13	Fr
Chrono-log Corp	Box 4587, Philadelphia 31	Pa
Computer-Measurements Co	12970 Bradley Ave. Sylmar	Cal
Control Equipment Corp	19 Kearney Rd. Needham Heights 94	Mass
ERIE-PACIFIC DIV. ERIE RESISTOR CORP., Adv Pg 206	**12932 S Weber Way, Hawthorne**	**Cal**
Gordon Enterprises	5362 N Cahuenga Blvd. N Hollywood	Cal
Rank Cintel Ltd	Worsley Bridge Rd, London S.E. 26, England	
Southern Instruments Ltd	Frimley Rd. Camberley, Surrey	Eng
Sunshine Scientific Instrument	1810 Grant Ave, Philadelphia 15	Pa

CIPHONY SCRAMBLERS See SCRAMBLERS
CIRCUIT ANALYZERS See COMPARATORS: TESTERS – *CIRCUIT*
CIRCUIT BREAKERS See BREAKERS – *CIRCUIT*
CIRCUIT DEMONSTRATORS See DEMONSTRATORS
CIRCUITS – *PACKAGED* See MODULES – *ACTIVE*: MODULES – *PASSIVE*

CIRCUITS – *PRINTED WIRING, CUSTOM SERVICE*

1. ETCHED
2. FLEXIBLE
3. INLAID, FLUSH OR IMBEDDED
4. PLATED
5. STAMPED OR EMBOSSED

ACF Electronics Div., 1-2-3-4	Riverdale	Md
A G A Corp., 1-2-4	1200 Duke St. Alexandria	Va
A.R.F. Products, Inc., 1-4	7627 Lake St, River Forest	Ill
Aerolite Electronics Corp., 1-2-4-5	2207 Summit Ave. Union City	NJ
AIRFLYTE ELECTRONICS CO., 3, Adv Pg 342	**535-9 Avenue A, Bayonne**	**NJ**
Airtronics, Inc., 1-2-4-5	5522 Dorsey Ln, Washington 16	DC
Allegri-Tech Inc., 1-2-4	141 River Rd. Nutley 10	NJ
Allied Circuit Techniques, Ltd., 1-2-3-4	29 Brock St N., Oakville, Ontario, Canada	
AMERICAN LAVA CORP., 4, Adv Pg 237	**Cherokee & Mfgrs Rd. Chattanooga 5**	**Tenn**
American Printed Circuits Co., Inc., 1-3-4	Forrest St, Metuchen	NJ
Amphenol-Borg Electronics Corp. Packaged Electronics Div	2863 S 25th Ave. Broadview	Ill
Amtex Corp., 1	157 Chauncy St. Boston 14	Mass

ANSLEY MFG CO., ARTHUR, 1-2-4, Adv Pg 554	**New Hope**	Pa
Applied Dynamics, Inc., 1	Box 612, Ann Arbor	Mich
Armstrong Whitworth Equipment, 1	Hucclecote, Gloucester	Eng
Atchley Div., Raymond, 1	2339 Cotner Ave. Los Angeles 64	Cal
Avco Corp. Electronics & Ordnance Div., 1-2-3-4	Box 116, Cincinnati 15	Ohio
Avionics Ltd., 1-3-4-5	Box 200, Niagara-on-the-Lake	Ont
Beck's Inc., 1-2-3-4-5	298-300 E 5th St. St Paul 1	Minn
Bell Inc., F. W., 1-2-3-4-5	1356 Norton Ave. Columbus 12	Ohio
Bellandi Co., Inc., M., 1-3-4	7508 W. Grand Ave, Elmwood Park	Ill
Biggs Co. Inc. Carl H., 1-2-3-4	Dept EB, 1547 14 St. Santa Monica	Cal
Boonton Molding Co., 1-3-4	Boonton	NJ
Bureau of Engraving, Inc., Industrial Div., 1-3-4	500 S. 4th St, Minneapolis 15	Minn
Chance Vought Corp. Vought Electronics Div., 1-4	Box 1500, Arlington	Tex
Chemonics Corp., 1-2-3-4	990 S Fair Oaks Ave. Pasadena	Cal
Chemprint Corp., 1-2-4	4000 Campbell Ave. Menlo Park	Cal
CIRCON COMPONENT CORP., 1-4, Adv Pg 446	**Santa Barbara Airport, Goleta**	Cal
Cleveland Metal Specialties Co., 1-3-4	1783 E 21st St. Cleveland 14	Ohio
Colorado Research Corp., 1-2-3-4	Broomfield	Colo
Combined Electronics, Inc., 3-4	6047 W. Ogden Ave, Chicago	Ill
Comco Plastics, Inc., 1	98-40 Jamaica Ave. Richmond Hill	NY
Computer Techniques Inc., 1	3300 Northern Blvd. Long Island City 1	NY
Conductorlab, Inc., 1-2-3-4	Groton	Mass
Cook Technological Center, 1	6401 Oakton St, Morton Grove	Ill
Corning Glass Works, Corning Electronic Components, 1-4	550 High St. Bradford	Pa
Cronam, Inc., 1-4	6247 Howard St, Chicago 48	Ill
DALE ELECTRONICS INC., 1-2-4, Adv Pgs 120, 121	**Box 488, Columbus**	Neb
Daystrom Inc. Military Elec. Div., 1	Archbald	Pa
Defiance Printed Circuit Corp., 1-2-3-4	144 Commercial St. Malden	Mass
Designers for Industry, 1	4241 Fulton Pkwy. Cleveland 9	Ohio
Donmar Products, Inc., 1	Box 8396 Denver	Colo
Dry Screen Process, Inc., 2	1016 Madison Ave. Pittsburgh 12	Pa
Dwyer Engineering Co., Inc., 1-2-4	Airport Rd, Nashua	NH
Dynameans, Inc., 1-4	4620 Ethele Ave. Sherman Oaks	Cal
ECM Corp., 1	8160 Orion Ave, Van Nuys	Cal
EIR Corp., 1	5177 Overland Ave, Culver City	Cal
Eastern Reproduction, Inc., 1-3-4	1250 Main St, Waltham	Mass
Eby Co., Hugh H., 1-4	4701 Germantown Ave, Philadelphia 44	Pa
ELECTRALAB PRINTED ELECTRONICS CORP., 1-2-3-4, Adv Pg 459	**175 A St. Needham Heights 94**	Mass
Electro-Ceramics, Inc., 1-3-4	2645 S 2nd W. Salt Lake City 15	Utah
Electro-Chemical Engraving Co Inc	1100 Brook Ave, New York 56	NY
Electro-Etch Circuits, Inc., 1-2-3-4-5	7112 S. Victoria Ave, Los Angeles 43	Cal
Electrodynamic Instrument Corp., 1-2-3-4	1841 Old Spanish Trail, Houston 25	Tex
Electronic Cable Corp., 1	126 Jackson St. Cambridge 40	Mass
Electronic Circuits., 1-4	641 N La Peer Dr. Los Angeles 46	Cal
Electronic Service Corp., 3	2906 Birch St, Franklin Park	Ill
Electronics, Inc. of Pa., 1	2440 Maryland Ave. Willow Grove	Pa
Epsco Inc. Components Div., 1-4	275 Massachusetts Ave. Cambridge 39	Mass
Etching Corp. of Cal. Div. Allegri-Tech Inc., 1-4	865 Hinkley Rd. Burlingame	Cal
Garlock Electronic Products, Garlock Inc., 2	Camden 1	NJ
Gavitt Wire & Cable Co., 1-4	Central St, Brookfield	Mass
General Dynamics/Electronics, 1	100 Carlson Rd. Rochester 3	NY
General Dynamics/Electronics, Info Tech Div., 1	1895 Hancock St. San Diego 12	Cal
Genesys Corp., Sub, Chance Vought, 1-3-4-5	10131 National Blvd, Los Angeles 34	Cal
Globe Electrical Mfg. Co., 1-3-4	1727 W. 134 St, Gardena	Cal
Good Electronic Corp., 1-2-3-4-5	Box 2406, W Palm Beach	Fla
Graphik-Circuits Div. Cinch, 1-2-4	200 S Turnbull Canyon, City of Ind	Cal
GREENE ELECTRONICS INC., 1-2-4, Adv Pg 432	**1840 Cranston St. Cranston 9**	RI
HALLICRAFTERS CO., 1-2, Adv Pg 385	**4401 W 5th St. Chicago 24**	Ill
Hamilton Standard Div. United Aircraft Corp., 1-3-4	Broad Brook	Conn
Intellux Inc. Scientific Components Div., 3	30 S Salsipuedes St. Santa Barbara	Cal
International Resistance Co., 1-2	401 N Broad St. Philadelphia 8	Pa
Laminated Sheet Products Corp., 1-2-3-4-5	449 Neponset St. Norwood	Mass
Laminated Shim Co., Inc., 5	4601 Union St, Glenbrook	Conn
LaPointe Industries, Inc., 1-2-3-4	155 W. Main St, Rockville	Conn
Leru Labs., Inc	Black Oak Ridge Rd, Paterson	NJ
Lockheed Electronics Co. Military Sys Co., 1-4	US Hwy. 22, Plainfield	NJ
Lockheed Electronics Corp. Avionics & Ind Prods Div., 1-4	Randolph St. Los Angeles 22	Cal
Mahler Research Foundation, 1-4	P.O. Box 1159, New York 1	NY
Martin Co., 1-2	Mail No. G3037, Baltimore 3	Md
MATSUSHITA ELECTRIC, Adv Pg 255	**Box 288, Osaka Central, Tokyo**	Jap
Melpar Inc., 1-4	3000 Arlington Blvd. Falls Church	Va
METHODE MFG. CORP., 1-2-3-4-5, Adv. Pgs. 458, 459	**7447 W Wilson Ave. Chicago 31**	Ill
Microcell Electronics, 1-2-3-4	Blackwater, Nr. Camberley, Surrey	Eng
Microlectron, Inc., 3-4	1547 18th St. Santa Monica	Cal
Microtron Inc. Pyrocircuits Div., 3	6 Manhasset Ave. Port Washington	NY
Minitron, Inc., 1-2-4-5	1105 2nd St, Encinitas	Cal
Minshall Organ, Inc., 1-4	28 Birge St, Brattleboro	Vt
Molded Insulation Co., 1-3-4-5	335 E Price St. Philadelphia 44	Pa
Monroe Industries, Inc., 1-3-4	932 36 St S.E., Grand Rapids 8	Mich
NATIONAL TEL-TRONICS CORP., 1, Adv Pg 537	**52 St Casmir Ave. Yonkers**	NY
NAVIGATION COMPUTER CORP., 1, Adv Pg 511	**Valley Forge Ind Park, Norristown**	Pa
Network Designers Inc., 1	38 E 57th St. New York 22	NY
Oki & Willadsen, Ltd., 1-2-3-4-5	47 Crockford Blvd, Toronto 16, Ontario, Canada	
Ortronix, Inc., 1-2-4	Forsythe Rd. Dr. 8217, Orlando	Fla
PACKARD-BELL ELECTRONICS CORP. TECHNICAL PRODUCTS DIV., 1-2-3-4-5, Adv Pg 49	**12333 W Olympic Blvd. Los Angeles 64**	Cal
PELLEY CO. INC., E. H., 1-4, Adv Pg 544	**37 Hurley St. Cambridge**	Mass
PHOTOCIRCUITS CORP., 1-2-3-4, Adv Pg 453	**Glen Cove**	NY
Planoramics Inc., 2	631 E 1st St. Boston 27	Mass
Plug-In Instruments, Inc., 1	1416 Lebanon Rd, Nashville 10	Tenn
Poly-Kote, Inc., 4	82 Chestnut St. North Attleboro	Mass
Polytronic Research, Inc., 1	7326 Westmore Rd, Rockville	Md
Precision Circuits, Inc., 1-3-4	85 Weyman Ave. New Rochelle	NY
Printronics Corp., 1-2-3-4	3127 El Camino Real, Palo Alto	Cal
Quadriga Mfg Co., 5	213 W Grand Ave. Chicago 10	Ill
Radio Corp. of America, Defense Electronic Prods. 1-4	Bldg. 15-2 Camden	NJ
Ransom Research, Inc., 1	Box 269, San Pedro	Cal
Rinak Electronics Inc., 1	10929 Vanowen St. N Hollywood	Cal
Ross Co., Milton, 3-5	239 Jacksonville Rd, Hatboro	Pa
Rowe Engravers, Inc., 1-4	64 Union Ave. Clifton	NJ
SANDERS ASSOCIATES INC., 2, Adv Pg 380	**95 Canal St. Nashua**	NH
Sibley Co., The, 1-3-4	Haddam	Conn
Smith-Florence, Inc., 1	4228 23rd W., Seattle	Wash
Sparton Corp., 1-4	2400 E Ganson St. Jackson	Mich
Spec-Tronics, 1-2-4	13942 Saticoy Ave, Van Nuys	Cal
Speed Electronics Inc., 1-4	177 Mill Ln. Mountainside	NJ
STAFFORD MFG. CO. INC., 1, Adv Pg 124	**145 58th St. Brooklyn 20**	NY
Stanley Aviation Corp., 1	2501 Dallas St, Denver 8	Colo
Taylor Fibre Co., 5	Norristown 51	Pa
Techniques, Inc., 1-3	40 Jay St. Englewood	NJ
Technograph Printed Electronics Inc., 1-2-3	920 Northwest Blvd. Winston-Salem	NC
Techron Corp., 1-2-3-4	20 Simmons St. Boston 20	Mass
Telectro Industries Corp., 3	35-16 - 37th St. Long Island City 1	NY
Telegraph Condenser Co. Ltd., 1-2-3-4	N Acton, London W3	Eng
Templet Industries, 5	701 Atkins Ave, Brooklyn	NY
Tingstol Co., 1-2-3-4	1340 W. Fullerton, Chicago 14	Ill
UCINITE CO. DIV. UCF, 3-4-5, Adv Pg 69	**459 Watertown St. Newtonville**	Mass
U.S. Engineering Co., Div., Litton Ind., 1-2-3-4	13536 Saticoy, Van Nuys	Cal
Winder Aircraft Corp., 1-2-5	Dunnellon Air Base, Dunnellon	Fla
Zenith Optical Lab., 3	1940 Great Neck Rd. Copiague	NY

CIRCUIT TESTERS See TESTERS -*CIRCUIT*
CIRCUIT-TESTING BRIDGES See COMPARATORS: CIRCULAR-CHARTS: RECORDERS See RECORDERS -*GRAPHIC*

CIRCULATORS -*MICROWAVE*

Airtec, Inc	139 E. First Ave, Roselle	NJ
Cascade Research Div. Lewis & Kaufman Electronics Corp	5245 San Fernando Rd W, Los Angeles 39	Cal
Caswell Electronics Corp	414 Queens Ln, San Jose 12	Cal
Dielectric Products Engrg. Co. Inc	Raymond	Me
E & M Laboratories	15145 Califa St. Van Nuys	Cal
FXR INC., Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	NY
FERROTEC, INC., Adv Pg 496	**217 California St. Newton 58**	Mass
Hughes Microwave Components Div	Florence & Teale, Culver City	Cal
KEARFOTT DIV., GEN PRECISION INC., Adv Pg 394	**Little Falls**	NJ
Kearfott Div. Gen. Precision Inc. Microwave Prods.	14844 Oxnard St. Van Nuys	Cal
Melpar Inc.	3000 Arlington Blvd. Falls Church	Va
Metcom, Inc	76 Lafayette St. Salem	Mass
Microtech, Inc	Milldale Rd. Cheshire	Conn
MICROWAVE CORP. OF AMERICA, Adv Pg 462	**P.O. Box 278, Stamford**	Conn
Narda Microwave Corp	Plainview	NY
Rantec Corp	23999 Ventura Blvd, Calabasas	Cal
RAYTHEON CO. SPECIAL MICROWAVE DEVICE OPER., Adv Pgs 38, 39	**Waltham Industrial Park, Waltham 54**	Mass
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla

CITIZENS' RADIO See COMMUNICATION SYSTEMS -*CITIZENS' RADIO*: RECEIVERS -*CITIZENS' RADIO*: TRANSCEIVERS -*CITIZENS' RADIO*: TRANSMITTERS -*CITIZENS' RADIO*
CLAD METALS See LAMINATES
CLAMP-ON AMMETERS See AMMETERS

CLAMPS

1. CABLE 2. COMPONENT 3. TUBE 4. WAVEGUIDE FLANGE

Adel Precision Products Div. Gen. Metals Corp., 1	10777 Vanowen St. Burbank	Cal
Aeroquip Corp., 2-3-4	300 S East Ave, Jackson	Mich
Aircraft Armaments, Inc., 4	Cockeysville	Md
Airtec Inc., 4	139 E First Ave. Roselle	NJ
ALDEN PRODUCTS CO., 2-3, Adv Pg 359	**112 N Main St. Brockton 64**	Mass
Amatom Electronic Hardware Co., Inc., 1-2	88 Drake Ave, New Rochelle	NY
Andrew California Corp., 1-4	941 E Marylind Ave. Claremont	Cal
Atlee Corp. Atlee Components Div., 2-3	8220 Lankershim Blvd. N Hollywood	Cal
Atlee Corp. Atlas Div., 1-2	47 Prospect St. Woburn	Mass
AUGAT BROS. INC., 2-3, Adv Pg 112	**33 Perry Ave. Attleboro**	Mass
BIRNBACH RADIO CO. INC., 1-3, Adv Pg 529	**145 Hudson St. New York 13**	NY
BIRTCHER CORP., 2-3, Adv Pg 489	**4371 Valley Blvd. Los Angeles 32**	Cal
Blaco Manufacturing Co., 1	6543 Euclid Ave. Cleveland	Ohio
Blinn Co., Delbert, 1	P.O. Box 757, Pomona	Cal
Breeze Corps., Inc., 1-3	700 Liberty Ave, Union	NJ
BUDD STANLEY CO. INC., 4, Adv Pg 313	**175 Eileen Way, Syosset**	NY
BURNDY CORP., 1, Adv Pg 103	**Norwalk**	Conn
C W S Waveguide Corp., 4	301 W. Hoffman Ave, Lindenhurst	NY
Cable Electric Products, 1	234 Daboll St, Providence	RI
Carroll Pressed Metal Inc., 1	133 Dewey St. Worcester	Mass
Commercial Plastics Co., 1-2-3	945 George St. Chicago 14	Ill
Delta-T Semiconductor Cooler Div. Wakefield Eng. Inc., 4	406 Main St. Wakefield	Mass
DeMORNAY-BONARDI CORP., 4, Adv. Pgs. 178, 179	**780 S Arroyo Pkwy. Pasadena**	Cal
Detroit Stamping Co	350 Midland, Detroit 3	Mich
Deutsch Co. Electronic Comps. Div., 1-2	Municipal Airport, Banning	Cal
Dielectric Products Engrg. Co. Inc., 1-4	Raymond	Me
Eaton Mfg. Co., Reliance Div., 3	25 Charles Ave S.E., Massillon	Ohio
Electrovert, Inc., 1-2	124 E 40th St. New York 17	NY
Eugene Engineering Co. Inc., 1-3	1217 Hyde Park Ave. Hyde Park 36	Mass
FXR INC., 4, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	NY
FAE INSTRUMENT CORP., 2, Adv Pg 428	**Norden Ln. Huntington Station**	NY
Fastex Div., Illinois Tool Works, 1	195 Algonquin Rd, Des Plaines	Ill
FEDERAL SCREW PRODUCTS INC., 1, Adv Pg 553	**3917 N Kedzie Ave. Chicago 18**	Ill
Graham Mfg. Co., Inc., 4	470 Bridge St, East Greenwich	RI
Gries Reproducer Corp., 1	151 Beechwood St. New Rochelle	NY
Helleman Canada Ltd., 1	44 Danforth Rd. Scarborough	Ont
Henry & Miller Industries, Inc., 1-4	675 Garfield Ave, Jersey City 5	NJ
Holub Industries, Inc., 1	468 Elm St, Sycamore	Ill
Houston Fearless Corp., 2-3	9107 Wilshire Blvd. Beverly Hills	Cal
IERC Div. Intl. Electronic Research Corp., 3	135 W Magnolia Blvd. Burbank	Cal
Illumitronic Engineering Corp., 1	680 E Taylor Ave. Sunnyvale	Cal
INDUSTRIAL DEVICES, INC., 2, Adv Pg 540	**Edgewater 8**	NJ
Ippolito & Co., Inc., James, 3	1624 Stillwell Ave. Bronx 61	NY
Joclin Mfg Co., 2	9 Lufbery Ave. Wallingford	Conn
Keystone Electronics Corp., 2	49 Bleecker St, New York 12	NY
LIECO INC., 4, Adv Pg 398	**150 Eileen Way, Syosset**	NY
MASTERITE INDUSTRIES DIV. HOUSTON FEARLESS CORP., 2-3, Adv Pg 90	**835 Olive St. Inglewood**	Cal
Microtech, Inc., 4	Milldale Rd. Cheshire	Conn
Millen Mfg. Co., James, 3	150 Exchange St, Malden	Mass
Monadnock Mills, Div. UCF, 1-2	1977 1st Ave. San Leandro	Cal
Narda Microwave Corp., 4	Plainview	NY
NIELSEN HARDWARE CORP., 2, Adv Pg 70	**770 Wethersfield Ave. Hartford 1**	Conn
North & Judd Mfg. Co., 1	510 E. Main St, New Britain	Conn
Oki & Willadsen, Ltd., 1	47 Crockford Blvd, Toronto 16, Ontario, Canada	
Olympic Plastics Co. Inc., 1-3	3471 S La Cienega Blvd. Los Angeles 16	Cal
OMEGA LABORATORIES INC., 4, Adv Pg 226	**Box 309, Rowley**	Mass
PIC Design Corp., Sub of Benrus Watch Co., Inc., 2	477 Atlantic Ave, East Rockaway	NY
PANDUIT CORP., 1 Adv Pg 552	**17301 Ridgeland Ave. Tinley Park**	Ill
Peerless Electronics, Inc., 2-3	5338 Alhambra Ave, Los Angeles 32	Cal
PENN-UNION ELECTRIC CORP., 1, Adv Pg 540	**315 State St. Erie**	Pa
Precision Mechanisms Corp., 2	577 Newbridge Ave, East Meadow	NY
Prestole Corp., 1-2-3	1345 Miami St. Toledo 5	Ohio
Pyrometer Co. of America, Inc., 1	600 E Lincoln Hwy. Penndel	Pa
Remler Co., 3	2101 Bryant St. San Francisco	Cal
Ross Co., Milton, 1-2	239 Jacksonville Rd, Hatboro	Pa
Schutter Microwave Corp., 4	80 E Montauk Hwy. Lindenhurst	NY
Sorensen Industrial Electronic Co., 1	Route 10, Dover	NJ
South River Metal Products Co., Inc., 1	377 Turnpike, South River	NJ
Sperry Microwave Electronics Co., 4	Box 1828, Clearwater	Fla
Staver Co., Inc., 3	41 N. Saxon Ave, Bay Shore	NY
Sterling Instrument Div., 2	17 Matinecock Ave. Port Washington	NY
TA Mfg. Corp., 1-2-3-4	4613 Alger St, Los Angeles 39	Cal
Technical Wire Products, Inc., 3	129 Dermody St. Cranford	NJ
Theta Instrument Corp., 2	520 Victor St. Saddle Brook	NJ
Timber-Top, Inc., 2	38 Brooklyn Ave. Freeport 5	NY
Tinnerman Products Inc., 1-3	Dept. 16, Box 6688, Cleveland 1	Ohio
Titeflex Inc., 1-3	534 Hendee St. Springfield	Mass
Tri-ex Tower Corp., 1	127 E. Inyo, Tulare	Cal
U. S. Engineering Co. Div. Litton Ind., 3	13536 Saticoy, Van Nuys	Cal
Victor R.F. & Microwave Co., 4	38 W Water St. Wakefield	Mass
Vitro Corp of America, 3	261 Madison Ave. New York 16	NY
VITRO ELECTRONICS DIV. VITRO CORP., 3 Adv Pgs 309, 310	**919 Jesup Blair Dr. Silver Spring**	Md
Volkert Stampings, Inc., 3	222-34 96th Ave, Queens Village 29	NY
Waldom Electronics, Inc., 1	4621 W. 53rd St. Chicago 32	Ill
Washington Mfg. Co. Inc., 1	Box 370, Washington	Iowa
Waveline, Inc., 4	P.O. Box 718, Caldwell	NJ
Weckesser Co. Inc., 1	5701 Northwest Hwy. Chicago 46	Ill
Westrex Corp., Div., Litton Industries, 3	540 W. 58 St, New York 19	NY
WHITSO INC., 1, Adv Pg 488	**9328 Byron St. Schiller Park**	Ill
York Metal Products, Inc., 2-3	350 Greenwich St. New York 13	NY
Zierick Mfg. Corp., 1	Beechwood & Rockdale, New Rochelle	NY
Zoron Inc., 1	612 W Monroe St. Chicago 6	Ill

CLEANERS-AIR, ELECTRONIC (*ELECTROSTATIC*)

Aeroquip Corp	300 S East Ave, Jackson	Mich
Cambridge Filter Corp	738 E Erie Blvd. Syracuse	NY
Controlled Atmosphere Enclosures Mfg Co	1061 E 8th St. Jacksonville 6	Fla
Cosmic Inc	3206 Grace St. Washington	DC
Minn-Honeywell, Military Prods Gr	2600 Ridgway Rd. Minneapolis 13	Minn
Schuyler Mfg. Corp	84 Porete Ave, North Arlington	NJ
Wheelabrator Corp	1465 S Byrkit St. Mishawaka	Ind

CLEANERS -*CONTACT*

Caig Labs, Inc	46 Stanwood Rd, New Hyde Park	NY
Cobehn, Inc	226 Passaic Ave. Caldwell	NJ
Controlled Atmosphere Enclosures Mfg Co	1061 E 8th St. Jacksonville 6	Fla
Electronic Chemical Corp	813 Communipaw Ave, Jersey City 4	NJ
Fidelity Chemical Products Corp	472 Frelinghuysen Ave. Newark	NJ
G-C Electronics Co	400 S Wyman St. Rockford	Ill
Jonard International Corp	624 Madison Ave. New York 22	NY
Magic Chemical Co	121 Crescent St. Brockton	Mass
Mallinckrodt Chemical Works	2nd & Mallinckrodt Sts. St Louis 7	Mo
Neuses, Inc., P.K.	511 N Dwyer St. Arlington Heights	Ill
Oakite Products, Inc	79 Rector St, New York 6	NY
Pioneer Central Div. Bendix Corp	Davenport	Iowa
Quietrole Co	395 St John St. Spartanburg	SC
Rego Insulated Wire Co	830 Monroe St. Hoboken	NJ
Ultra-Motive Co	7460 Girard Ave. La Jolla	Cal
Wye Industries	6 General Devine Way, Boston 27	Mass

CLEANERS -*ULTRASONIC* See ULTRASONIC EQUIPMENT
CLEANING FLUIDS See SOLVENTS
CLEANING MACHINES See MACHINES -*PRINTED-CIRCUIT PRODUCTION*: MACHINES -*CLEANING*

CLEAN ROOMS

Clary Corp	408 Junipero St. San Gabriel	Cal
Controlled Atmosphere Enclosures Mfg Co	1061 E 8th St. Jacksonville 6	Fla
Controlled Environment, Inc	52 Pickering St. Needham	Mass

CLIPS

1. ALLIGATOR 2. BATTERY 3. FAHNESTOCK 4. GRID 5. TEST

Acme Model Engineering Co., 2	6224 15th Ave, Brooklyn 19	NY
Aerolite Electronics Corp., 1-4	2207 Summit Ave. Union City	NJ
ALDEN PRODUCTS CO., 5, Adv Pg 359	**112 N Main St. Brockton 64**	Mass
Amatom Electronic Hardware Co. Inc., 1-3	88 Drake Ave. New Rochelle	NY
Ampco Mfg Co., 1-5	246 E 2nd St. Plainfield	NJ
Anchor Specialty Mfg. Co., Inc., 5	300 Hollister Rd, Teterboro	NJ
Atlee Corp. Atlee Components Div., 2	8220 Lankershim Blvd. N Hollywood	Cal
AUGAT BROS. INC., 2, Adv Pg 112	**33 Perry Ave. Attleboro**	Mass
BARNES DEVELOPMENT CO., 5, Adv Pg 414	**213 W Baltimore Pike, Lansdowne**	Pa
BIRNBACH RADIO CO. INC., 1-2-3-5, Adv Pg 529	**145 Hudson St. New York 13**	NY
Cable Electric Products, 1-2	236 Dobell St. Providence	RI
Carr Fastener Co., Div., United-Carr, 2	31 Ames St, Cambridge 42	Mass
Dante Electric Mfg. Co	P.O. Box 6, Bantam	Conn
Donmar Products, Inc., 1-5	Box 8396 Denver	Colo
Eastern Tool & Mfg Co., 3	1 Montgomery St. Belleville 9	NJ
ELECTRO SCIENTIFIC INDUSTRIES INC., 5, Adv Pg 424	**7524 SW Macadam, Portland 19**	Ore
Electrovert, Inc., 2	124 E 40th St. New York 17	NY
FEDERAL SCREW PRODUCTS INC., 1-2-3, Adv Pg 553	**3917 N Kedzie Ave. Chicago 18**	Ill
Gemex Corp. Industrial Div., 4	1200 Commerce Ave. Union	NJ
General Radio Co., 1	West Concord	Mass
GRAYHILL, INC., 5, Adv. Pgs. 360, 361	**537 Hillgrove Ave. La Grange**	Ill

Hobson Brothers, Inc., 4	4540 W Lawrence Ave. Chicago 30	Ill
INDUSTRIAL DEVICES, INC., 5, Adv Pg 540	**Edgewater 8**	**NJ**
Jewex Electronics, 5	Box 646, Redlands	Cal
Keystone Electronics Corp., 2	49 Bleecker St, New York 12	NY
Kuba Electric Corp., 4	633 S Fulton Ave. Mt Vernon	NY
Kurston Electronics, 1-5	72 Bay St. Staten Island	NY
Littelfuse, Inc	1865 Miner St, Des Plaines	Ill
MASTERITE INDUSTRIES DIV. HOUSTON FEARLESS CORP., Adv Pg 96	**835 Olive St. Inglewood**	**Cal**
Miller Mfg. Co., James, 4	150 Exchange St, Malden	Mass
Monadnock Mills, Div. UCF, 4	1977 1st Ave. San Leandro	Cal
Mueller Electric Co., 1-2-5	1583 E. 31st St, Cleveland 14	Ohio
NATIONAL RADIO CO., 4, Adv Pg 499	**37 Washington St. Melrose 76**	**Mass**
NATIONAL TEL-TRONICS CORP., 1, Adv Pg 537	**52 St Casmir Ave. Yonkers**	**NY**
PENN-UNION ELECTRIC CORP., 1-2, Adv Pg 540	**315 State St. Erie**	**Pa**
Pomona Electronics Co. Inc., 5	1500 E 9th St. Pomona	Cal
Prestole Corp	1345 Miami St. Toledo 5	Ohio
RAPID SPECIALTIES CO., 5 Adv Pg 516	**327 W. Huron St, Chicago 10**	**Ill**
Rye Sound Corp., 1-2-3-4-5	145 Elm St. Mamaroneck	NY
Smith, Inc., Herman H., 1-2-3-4-5	2326 Westrand Ave, Brooklyn 10	NY
Sorensen Industrial Electronic Co., 1-2-3-5	Route 10, Dover	NJ
Sterling Instrument Div., 1	17 Matinecock Ave. Port Washington	NY
Zierick Mfg. Corp., 1-3-4	Beechwood & Rockdale, New Rochelle	NY
Zoron Inc., 2	512 W Monroe St. Chicago 6	Ill

CLOCKS-*ATOMIC* See STANDARDS

CLOCKS-*COMPUTER*

Chrono-Log Corp.	P.O. Box 4587, Philadelphia 31	Pa
Computer-Measurements Co	12970 Bradley Ave. Sylmar	Cal
Control Equipment Corp	19 Kearney Rd, Needham Heights 94	Mass
GENERAL DEVICES INC., Adv Pg 518	**Box 253, Princeton**	**NJ**
HAYDON CO., A. W., Adv Pgs 302, 303	**238 N Elm St. Waterbury**	**Conn**
NAVIGATION COMPUTER CORP., Adv Pg 511	**Valley Forge Ind Park, Norristown**	**Pa**
Network Designers Inc	38 E 57th St. New York 22	NY
Ortronix, Inc	Forsythe Rd. Dr. 8217, Orlando	Fla
RIXON ELECTRONICS INC., Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
Robotronics Enterprises, Inc	2422 E Indian School Rd. Phoenix 16	Ariz
Seth Thomas Div of General Time Corp	Main St, Thomaston	Conn
TRANSISTOR SPECIALTIES INC., Adv Pg 325	**Terminal Dr. Plainview**	**NY**

CLOSED-CIRCUIT TV See TV SYSTEMS
CLOSURES-*AN CONNECTOR* See CAPS
CLOTH See FABRICS
CLOTH PARTS See FABRIC PARTS

CLOTHING-*LINT FREE*

Standard Glove Co. of N J Inc.	109 Frelinghuysen Ave. Newark 8	NJ
Workon Inc.	253 W 28th St. New York 1	NY

CLUTCHES-*MAGNETIC*

Actuator Products, Div of Geartronics Corp	34 Nashua St, Woburn	Mass
AUTOTRONICS, INC., Adv Pg 481	**Box 208, Florissant**	**Mo**
Cutler-Hammer Inc	411 N 12th St. Milwaukee 1	Wis
Dial Products Co	19 Cottage St, Bayonne	NJ
DYNAMIC INSTRUMENT CORP., Adv Pg 535	**59 New York Ave. Westbury**	**NY**
Elm Instrument Corp	30 Chasner St. Hempstead	NY
FAE INSTRUMENT CORP., Adv Pg 428	**Norden La. Huntington Station**	**NY**
Kinetic Instrument Corp	1070 Linwood St, Brooklyn 8	NY
Lear Inc	3171 S Bundy Dr. Santa Monica	Cal
Magtrol Inc	240 Seneca St. Buffalo 4	NY
Orbit Instrument Corp	131 Eileen Way, Syosset	NY
OVITRON CORP., Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
P I C Design Corp. Sub. Benrus Watch Co	477 Atlantic Ave. E Rockaway	NY
Pintsch Bamag AG	Postfach 11, Butzbach, Germany	
Reeves Instrument Corp	Roosevelt Field, Garden City	NY
Simplatrol Products Corp	24 Salisbury St. Worcester	Mass
TECHNOLOGY INSTRUMENT CORP., Adv Pgs 83, 86	**533 Main St. Acton**	**Mass**
Tepe Industries, Inc	5221 W. 102 St. Los Angeles 45	Cal
Ultronix, Inc	111 E. 20th Ave, San Mateo	Cal
Warner Electric Brake & Clutch Co	Beloit	Wisc

COATINGS

1. ANTISTATIC
2. CONDUCTIVE
3. FUNGICIDAL
4. PROTECTIVE, PERMANENT & SEALING
5. PROTECTIVE, REMOVABLE
6. SALT-SPRAY-RESISTANT
7. VACUUM-METALLIZED

See Also DOPES: ENAMELS: PAINTS: RESINS: SILICONES: VARNISHES

Acheson Colloids Co., 1-2	1950 Washington Ave, Port Huron	Mich
Advance Process Supply Co., 2	2315 W Huron St. Chicago 12	Ill
Allen-Jones, Inc., 7	1345 Gaylord Ave. Long Beach	Cal
Allied Research Products Inc., 6	4004 E Monument St. Baltimore 5	Md
Amercona Chemical Co., 1-2-4-5	170 Broadway, New York 38	NY
American Solder & Flux Co., 6	19th & Willard Sts. Philadelphia 40	Pa
Amflex Products Dept. Amer. Mach. & Fdry. Co., 1	689 Hope St. Springdale	Conn
Anadite Inc., 1-2-4-5-6-7	10647 Garfield Ave. South Gate	Cal
Bel Fuse Inc., 2	198 Van Vorst St. Jersey City	NJ
Biggs Co. Inc. Carl H., 2-3-4-5-6	Dept EB, 1547 14 St. Santa Monica	Cal
B-wax Corp., 3	3445 Howard St. Skokie	Ill
Blaco Manufacturing Co., 5	6543 Euclid Ave. Cleveland	Ohio
BURKE & JAMES INC., 7, Adv Pg 553	**321 S Wabash Ave. Chicago 4**	**Ill**
Caig Labs, Inc., 5	46 Stanwood Rd, New Hyde Park	NY
Carboline Co., 4-5-6	32 Hanley Industrial Ct, St. Louis 17	Mo
Catalyst Research Corp., 7	6101 Falls Rd, Baltimore 9	Md
Ceramco Inc. Chemists, 2-4-5-6-7	173 Ridge St. Newark 4	NJ
Chemical Products Corp., 3-4-5-6	King Philip Rd, E. Providence	RI
Chemtronics, Inc., 1-2-3-4-5-6	870 E 52nd St. Brooklyn 3	NY
Clarkson Labs. Inc., 1	1450 Ferry Ave. Camden 4	NJ
Coast Pro-Seal & Mfg. Co., 4	2235 Beverly Blvd. Los Angeles	Cal
COHAN-EPNER CO. INC., 2-4-5-6-7, Adv Pg 512	**142 W 14th St. New York 11**	**NY**
COLUMBIA TECHNICAL CORP., 1-2-3-4-5-6, Adv Pg 441	**24-30 Bklyn-Qns. Exp W, Woodside 77**	**NY**
Cooper Development Corp., 4	2626 S. Peck Rd, Monrovia	Cal
Coors Porcelain Co., 4	600 9th St. Golden	Colo
Daubert Chemical Co., 5	4700 S Central Ave. Chicago 38	Ill
Dow Chemical Co., 4	Midland	Mich
Dow Corning Corp., 4	Midland	Mich
duPont de Nemours & Co. Inc., E. I., 2-3-4-5-6	Wilmington 98	Del
Eagle-Picher Co., 5	Dept. EGB, Cincinnati 1	Ohio
Electric Autolite Co., 6-7	Champlain St. Toledo 1	Ohio
Electron Technology Inc., 2	626 Schuyler Ave. Kearny	NY
Electronic Chemical Corp., 5	813 Communipaw Ave, Jersey City 4	NJ
Electronic Mechanics, Inc., 4	101 Clifton Blvd. Clifton	NJ
Electronic Service Corp., 3-4-6	2906 Birch St, Franklin Park	Ill
Emerson & Cuming, Inc., 2-3-4-5	869 Washington St. Canton	Mass
Emmco Plastics Corp., 4	51 Vine St. Everett	Mass
Engelhard Industries Inc., 4-5	113 Astor St. Newark 2	NJ
Engineering Science Div Amer Metal Pdts Co., 5-7	2501 S State St. Ann Arbor	Mich
EPOXY PRODUCTS, DIV JOS WALDMAN & SONS, 2, Adv Pg 337	**133 Coit St. Irvington**	**NJ**
Esso Standard, Div of Humble Oil & Refng. Co. 4-5-6	15 W. 51 St, New York 19	NY
ETCHOMATIC INC., 2-4-5, Adv Pg 520	**182 Newton St. Waltham 54**	**Mass**
Ferrodynamics Corp., 2	Green & Route 17, Lodi	NJ
Fidelity Chemical Products Corp., 5-6	472 Frelinghuysen Ave. Newark	NJ
Film Resistors Inc., 2-7	242 Ridgedale Ave. Morristown	NJ
Fish-Schurman Corp., 2	70 Portman Rd, New Rochelle	NY
Fluorulon Laboratories, 2-4	Box 305, Caldwell	NJ
Forest Electric Co., 3-4-5-6	1003 N 25th Ave. Melrose Park	Ill
Fuller Co., H.B., 4-6	255 Eagle St, St. Paul 2	Minn
Furane Plastics, Inc., 4	4516 Brazil St, Los Angeles 39	Cal
G. B. Components Inc., 7	14621 Aminta St. Van Nuys	Cal
G-C Electronics Co., 1-2-3	400 S Wyman St. Rockford	Ill
General American Transportation Corp., 4-6	135 S. La Salle St, Chicago 3	Ill
General Electric Co., Silicone Prods. Dept., 4-5	Dept. EBG, Waterford	NY
General Plastics Corp., 2-4-6	55 La France Ave. Bloomfield	NJ
George Co., P. D., 2-3-4	5200 N 2nd St. St Louis	Mo
Gladding, McBean & Co., 7	1551 S Primrose St. Monrovia	Cal
Goodrich Industrial Prods. Co., B. F., 2-4-5-6	500 S Main St. Akron 18	Ohio
Goodyear Tire & Rubber Co., Chemical Div., 4	1144 E. Market St, Akron 16	Ohio
Green Rectifier Co., 7	1-10 30th St, Fair Lawn	NJ
HALLICRAFTERS CO., 4, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
HANDY & HARMAN, 2, Adv Pg 213	**850 3rd Ave. New York 22**	**NY**
Harper-Leader, Inc., 4-6	1046 S Main St. Waterbury 20	Conn
High Temperature Materials, Inc., 2-7	31 Antwerp St. Brighton 35	Mass
High Vacuum Eqpt. Corp. Sub. Robinson Tech. Prods. Inc., 7	2 Churchill Rd. Hingham	Mass
Hi-Lo Mfg Corp., 3-4	1122 W Newport Ave. Chicago 13	Ill
Hi-Test Chemical Corp., 4	722 64th St, Brooklyn 20	NY
Hysol Corp., 2	322 Houghton Ave. Olean	NY
Injectorall Co., 4	6 Bay 50th St. Brooklyn 14	NY
Insl-X Products Corp., 3-4-6	115 Woodworth Ave. Yonkers	NY
Insulation Manufacturers Corp., 3-4	565 W Washington Blvd. Chicago 6	Ill
Isochem Resins Co., 2-4-5	221 Oak St. Providence 9	RI
Itemit Corp., 2	433 Commercial Ave. Palisades Park	NJ
Joclin Mfg Co., 4	9 Lufbery Ave. Wallingford	Conn
Johns-Manville, 4-5-6	22 E 40 St. New York 16	NY
Kinney Vacuum Div., New York Air Brake Co., 7	3529 Washington St, Boston	Mass
Kressilk Products, Inc., 2-3-4-5-6	73 Murray St. New York	NY
Krylon, Inc., 4-6	Ford & Washington, Norristown	Pa
Lawrence Adhesive & Chemical Co. Inc., 4	19 S Canal St. Lawrence	Mass
MacDermid Inc., 6	526 Huntington Ave, Waterbury 20	Conn
Magic Chemical Co., 1-2-3-4-5-6	121 Crescent St. Brockton	Mass
Marblette Corp., 2-4-6	37-31 30th St. Long Island City 1	NY
Markal Co., 4-5	3052 W Carroll Ave. Chicago 12	Ill
Materials for Electronics, Inc., 2	152-25 138 Ave, Jamaica 34	NY
Melpar Inc., 4-6	3000 Arlington Blvd. Falls Church	Va
Metachem Resins Corp. Mereco Prod Div., 2-4-5-6	530 Wellington Ave. Cranston 10	RI
Metal & Thermit Corp., 4-5-6	Rahway	NJ
Metavac, Inc., 1-2-7	45-68 162 St. Flushing 58	NY
Metz Refining Co., 2	369 Mulberry St. Newark 2	NJ
Micro-Circuits Co., 1-2	New Buffalo	Mich
Midland Industrial Finishes Corp., 2-4-6	Dept. 1-20, Waukegan	Ill
MILLER-STEPHENSON CHEMICAL CO. INC., 4-6, Adv Pg 450	**39 Day St. South Norwalk**	**Conn**
Minn-Honeywell, Ceramics Lab., 7	Box 440, Minneapolis 40	Minn
Minnesota Mining & Mfg Co. Chemical Division, 4	900 Bush Ave. St. Paul 6	Minn
Minnesota Mining & Mfg Co. Electrical Tapes, 4-6	900 Bush Ave. St Paul 6	Minn
Misco Precision Casting Co., 4	116 W Gibbs St. Whitehall	Mich
Montgomery Co., 2	20 Canal Bank, Windsor Locks	Conn
Morningstar-Paisley, Inc., 1-4-5	630 W. 51st St, New York 19	NY
NRC Equipment Corp., 7	160 Charlemont St, Newton 61	Mass
Navan Products, Inc., Sub., North American Aviation, Inc., 5	900 N. Sepulveda, El Segundo	Cal
New York Testing Labs. Inc., 6	47 West St. New York	NY
Norton Co., 4	1 New Bond St. Worcester 6	Mass
Oakite Products, Inc., 5-6	79 Rector St, New York 6	NY
Optical Coating Lab, Inc., 2-7	2789 Giffen Ave. Santa Rosa	Cal
Osborne Electric Co. Ltd., 4-5	95 Wesley St. Toronto 18	Ont
Pacific Universal Products Corp., 2-5-6-7	168 Vista Ave. Pasadena 8	Cal
Pelmor Laboratories, Inc., 4-5	401 Lafayette St. Newton	Pa
PENN-UNION ELECTRIC CORP., 5, Adv Pg 540	**315 State St. Erie**	**Pa**
Pettinos Graphite Corp., Charles, 2	1 E. 42 St, New York 17	NY
Philadelphia Quartz Co., 2-4	1146K Public Ledger Bldg. Phila 6	Pa
Pierce & Stevens Chemical Corp., 2-4-6	710 Ohio St, Buffalo 3	NY
Plastics Div. Allied Chem. Corp., 3-4-6	40 Rector St. New York 6	NY
Poly-Kote, Inc., 2-6-7	82 Chestnut St. North Attleboro	Mass
Polymer Corp., 3-4-6	2120 Fairmont Ave. Reading	Pa
Polymer Industries, Inc., 4	Springdale	Conn
Polytronic Research, Inc., 2-4-6	7326 Westmore Rd, Rockville	Md
Poxylube Inc., 2	541 S Webster Ave. Indianapolis 19	Ind
Products Research Co., 4	2919 Empire Ave. Burbank	Cal
Protective Closures Co. Inc. Caplugs Div., 5	2207 Elmwood Ave. Buffalo 23	NY
Protective Coatings Corp	596 River Rd, Clifton	NJ
Reilly Tar & Chemical Corp., 4	11 S Meridian St. Indianapolis 4	Ind
Sauereisen Cements Co., 4	Sauereisen Bldg. Pittsburgh 15	Pa
Schenectady Varnish Co. Inc., 3-4-6	Congress & 10th, Schenectady 1	NY
Sel-Rex Corp., 4-5	75 River Rd. Nutley 10	NJ
Semi-Alloys Inc., 6-7	20 McQueston Pkwy. N, Mt. Vernon	NY
Silicones Div. UCC, 2-4-5-6	270 Park Ave. New York 17	NY
Singer-Bridgeport Div. Singer Mfg Co., 7	915 Pembroke St. Bridgeport 8	Conn
Smooth-On Mfg. Co., 4-6	572 Communipaw Ave. Jersey City 4	NJ
SPECTRA-STRIP WIRE & CABLE CORP., 1-2-4-5, Adv Pg 506	**Box 415, Garden Grove**	**Cal**
Standard-Toch Chemicals, Inc., 2-3-4-5-6-7	2600 Richmond Terr, Staten Island 3	NY
Sterling Varnish Co., 3-4	Haysville Borough, Sewickley	Pa
Stevenson Bro. & Co., 3-4-5	110 Race St. Philadelphia 6	Pa
Stonhard Co., Inc., 3-4	401 N. Broad St, Philadelphia 8	Pa
Swenson Co., Inc., V.H., 7	552 Elm St, Kearny	NJ
Telecomputing Corp., 4	915 N Citrus Ave. Hollywood	Cal
Tempil Corp., 4-5	132 W 22nd St. New York 11	NY
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 4, Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
Thomas Electronics, Inc., 2	118 Ninth St, Passaic	NJ
Topper Mfg Co. Inc., 1-2-3-4	84-56 Parsons Blvd. Jamaica 32	NY
Trancoa Chemical Corp., 4-6	312-326 Ash St. Reading	Mass
Tricraft Products Corp., 3-4	1124 W Newport Ave. Chicago 13	Ill
UBS Chemical Co. Div. A. E. Staley, 4-6	491 Main St. Cambridge 42	Mass
Ultra-Motive Co., 7	7460 Girard Ave. La Jolla	Cal
United Shoe Machinery Corp., 4-5-6	140 Federal St. Boston	Mass
U.S. Rubber Co., 4-5	1230 Ave of the Americas, New York 20	NY
United Technical Industries Inc., 6	5221 S Major St. Murray	Utah
Vacuum-Electronics Corp., 7	Terminal Dr. Plainview	NY
Vacuum Technology Inc., 7	7933 Gloria Ave. Van Nuys	Cal
Vorac Co., 2-7	147 Meadow Rd. Rutherford	NJ
Wilcox Electric Co., 1-2-14	1400 Chestnut St. Kansas City	Mo
Zenith Optical Lab., 1-7	1940 Great Neck Rd. Copiague	NY
Zophar Mills Inc., 3-5	115 26th St. Brooklyn 32	NY

COATING THICKNESS TESTERS See GAGES-*COATING THICKNESS*
COAXIAL ATTENUATORS See ATTENUATORS-*MICROWAVE*
COAXIAL CABLES See CABLES-*COAXIAL*
COAXIAL CAPACITORS See CAPACITORS-*VARIABLE*
COAXIAL FILTERS See FILTERS
COAXIAL PLUGS See PLUGS-*COAXIAL*

COBALT

Belmont Smelting & Refining Works	332 Belmont Ave. Brooklyn 7	NY
Bram Metallurgical Chemical Co	820 65 Ave, Philadelphia 26	Pa
Electrada Corp	11244 Playa St. Culver City	Cal
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Semi-Alloys Inc.	20 McQueston Pkwy. N, Mt. Vernon	NY
United Mineral & Chemical Corp.	16 Hudson St. New York 13	NY
Var-Lac-Oid Chemical Co	116 Broad St. New York 4	NY

CODE & TAB MARKERS See LABELS: TAPES
CODE CONVERTERS See CONVERTERS-*SIGNAL*
CODERS-*COMPUTER* See ENCODERS
CODING EQUIPMENT See KEYERS
COEFFICIENT BRIDGES See BRIDGES

COEFFICIENT METALS *(TEMPERATURE-EXPANSION)*

Belmont Smelting & Refining Works	332 Belmont Ave. Brooklyn 7	NY
Engelhard Industries Inc	113 Astor St. Newark 2	NJ
Semi-Alloys Inc	20 McQueston Pkwy. N, Mt. Vernon	NY
Sylvania Electric Products Inc. Parts Div	12 2nd Ave. Warren	Pa
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
Topper Mfg Co. Inc	84-56 Parsons Blvd. Jamaica 32	NY
Var-Lac-Oid Chemical Co	116 Broad St. New York 4	NY
Williams Gold Refining Co., Inc	2978 Main St, Buffalo 14	NY

COIL BOBBINS See BOBBINS
COIL BOXES See BOXES-*DECADE & EIA VALUES*
COIL DOPES See DOPES-*COIL*
COIL FORMS See FORMS-*COIL*

COILS

1. ANTENNA LOADING
2. CHOKE, A-F
3. CHOKE, POWER-FREQUENCY
4. CHOKE, R-F (Incl. SLUG-ADJUSTED SINGLE TV CENTERING, LINEARITY, PEAKING AND WIDTH CONTROL COILS)
5. FOCUSING, TV
6. FOIL-WOUND
7. HIGH-TEMPERATURE (500 F)
8. METALLIZED GLASS
9. MOTOR & GENERATOR FIELD
10. PICKUP, PROXIMITY (DETECT METAL PARTS)
11. PURITY, COLOR TV
12. Q STANDARD
13. R-F WORK, INDUCTION HEATING
14. SPEAKER VOICE COIL
15. TELEPHONE PICKUP
16. TRAVELING-WAVE TUBE FOCUSING
17. WINDINGS ONLY (FOR IRON-CORE DEVICES SUCH AS ELECTROMAGNETS, MAGNETIC AMPLIFIERS, SATURABLE REACTORS, RELAYS, SOLENOIDS, SPEAKER FIELDS & TRANSFORMERS)

DEFLECTION See YOKES
TOROID See TOROIDS

AC Electronics, Inc., 1-2-3-4-6-7-12-17	11725 Mississippi Ave. Los Angeles 25	Cal
ACDC ELECTRONICS, INC., 1-2-3-4-7-13, Adv Pg 182	**2979 N Ontario St. Burbank**	**Cal**
ADC INCORPORATED, 2-3-6-15, Adv Pg 150	**2883 13th Ave. S, Minneapolis 7**	**Minn**
A. O. I. P., 17	23 Pl. Jeanne d'Arc, Paris 13	Fr
A. P. W. Co., 5-6-7-15-16	72 W Main St. Rockaway	NJ
A R & D A, 10	135 Main St. Belleville 9	NJ
Accurate Specialties Co. Inc., 8	345 Lodi St. Hackensack	NJ
Ace Coil & Electronics Co., 4-17	912 Lincoln Hwy, Metuchen	NJ
Acro Electronic Products Co., 2-3-17	410 Shurs Ln. Philadelphia 28	Pa
ACROMAG, INC., 17, Adv Pg 234	**22515 Telegraph Rd. Southfield**	**Mich**
Advanced Electronics Inc., 2-7-17	94 Silas Deane Hwy. Rocky Hill	Conn
Aerocoil Inc., 7-8-17	2207 Summit Ave. Union City	NJ
Airdesign Corp., 2-3-17	Box 987, Norristown	Pa
Ajax Magnethermic Corp., 13	3990 Simon Rd. Youngstown 1	Ohio
Aladdin Electronics Div of Aladdin Industries Inc., 4	711 Murfreesboro Rd, Nashville 10	Tenn
All-Tronics Inc., 4-13	45 Bond St. Westbury	NY
Allen Avionics Inc., 4-5-17	255 E 2nd St. Mineola	NY
ALLIED CONTROL CO. INC., 17, Adv Pg 102	**2 East End Ave. New York 21**	**NY**
American Research & Mfg. Corp., 17	920 Halpine Ave, Rockville	Md
Anderson Controls Inc., 7-17	9959 Pacific Ave. Franklin Park	Ill
Applied Components Inc., 2-4	401 E Beach Ave. Inglewood 3	Cal
Applied Control Corp., 17	1000 Main St. Hackensack	NJ
Approved Plastics Co., 15	261 Railroad Ave. Stirling	NJ
Arco Transformer & Electric Co., 2-3-17	1602 S. Hanna St, Fort Wayne	Ind
Ardente Acoustic Labs Ltd., 2	8/12 Minerva Rd. London NW 10	Eng
ARNOLD MAGNETICS CORP., 2-3, Adv Pg 48	**6050 W Jefferson Blvd. Los Angeles 6**	**Cal**
Artted Co. Inc., 1-2-4-7-10-17	357 Worthington St. Springfield 3	Mass
Atlantic Transformer Corp., 2-3-7-17	30 Hynes Ave. Groton	Conn
Atlas Coil Inc., 2-3-4-5-6-7-9-10-17	63 Main St. Ansonia	Conn

ATLAS ENGINEERING CO. INC., 1-2-3, Adv Pg 100	**10 Cheney St. Roxbury**	**Mass**
Atlas Resistor Co., 2-3-12-17	1128 Madison St. Chester	Pa
Aurex Corp., 15-17	315 W Adams St. Chicago 6	Ill
Avco Corp. Electronics & Ordnance Div., 1-3-6-16	Box 116, Cincinnati 15	Ohio
Barker Products Co., 15	3 Component Pk. W Bridgewater	Mass
Barker & Williamson Inc., 1-2-4-12-13-17	Canal & Beaver Sts. Bristol	Pa
Barwood Electronics, Inc., 2-3-7	120 S Maryland Ave. Glendale 5	Cal
Basler Electric Co. Magnetic Components, 9	Box 269, Highland	Ill
Basler Electric Co. Systems Sales, 17	Box 269, Highland	Ill
Bayly Engineering Ltd., 2-7	Hunt St. Ajax	Ont
Bay-Tronic Co., 17	39-43 Evergreen St. Bayonne	NJ
Bel Fuse Inc., 8	198 Van Vorst St. Jersey City	NJ
Bel-Tronics Corp., 2-4-5	344 Interstate Rd. Addison	Ill
Bittermann Electric Co. Inc., 2-3-4-7-9-13-17	Box 807, Canaan	Conn
BOONTON RADIO CORP., 12, Adv Pg 282	**50 Intervale Rd. Boonton**	**NJ**
Bradford Components, Inc., 2-3	65 South Ave. Salamanca	NY
Brys Instrument Co., 17	7026 6th Ave. Brooklyn 9	NY
BUD RADIO INC., 4, Adv Pg 343	**2118 E 55th St. Cleveland 3**	**Ohio**
BULOVA WATCH CO. INC. ELECTRONICS DIV., 1-2-3-4-7-17, Adv Pg 427	**61-10 Woodside Ave. Woodside 77**	**NY**
Bundy Electronics Corp., 2-3-17	173 Fabyan Pl, Newark	NJ
BURNELL & CO. INC., 12-17, Adv Pg 207	**10 Pelham Pkwy. Pelham**	**NY**
Bush Transformer Corp., 1-3-6-7-17	707 North St. Endicott	NY
Caddell Burns Mfg. Co., Inc., 4	40 E 2nd St. Mineola	NY
Calbest Electronics Co., 1-4	4801 Exposition Blvd. Los Angeles 16	Cal
Calmag Div. Calif. Magnetic Con. Corp., 6-7-17	11922 Valerio St. N Hollywood	Cal
Cambridge Thermionic Corp., 1-2-3-4	445 Concord Ave, Cambridge 38	Mass
Canadian Marconi Co., 16	2444 Trenton Ave. Montreal	Que
Carad Corp., 2-3-4-17	3381 Junipero Serra Blvd. Palo Alto	Cal
Carma Mfg Co., 17	1879 Mullin Ave. Torrance	Cal
Carol Electronics Corp., 2-3	315 W. Stephen St, Martinsburg	W. Va
Carruthers & Fernandez, Inc., 2-3-7-17	1501 Colorado Ave, Santa Monica	Cal
CELCO CONSTANTINE ENGRG LABS CO., 2-3-7-9-16-17, Adv Pg 45	**Box 555, Mahwah**	**NJ**
Central Coil Co., 2-4-17	1722 N. Luett St. Indianapolis	Ind
Central Transformer Co., 2-3-6-7-17	900 W Jackson Blvd. Chicago	Ill
Ceramco Inc. Chemists, 8-13	173 Ridge St. Newark 4	NJ
Chicago Telephone of Cal. Inc., 2-3-17	1010 Sycamore Ave. South Pasadena	Cal
Cinema Engineering Div. Aerovox Corp., 2-3-4-17	1100 Chestnut St. Burbank	Cal
Cleveland Electronics, Inc., 5-14	1974 E 61st St. Cleveland 3	Ohio
Clippard Instrument Lab. Inc., 4-7	Box 68, Cincinnati 39	Ohio
Coast Coil Co., 2-17	5333 W. Washington Blvd, Los Angeles	Cal
Coil Co. of America Inc., 3-6-7-9-14-17	220 Washington St. Northvale	NJ
Coilcraft Inc., 1-2-3-4-17	Cary	Ill
Coils-Electronics Co., 1-2-3-4-7-10-12	2939-49 N. 2nd St, Philadelphia 33	Pa
COMMUNICATION ACCESSORIES CO., 2-3, Adv Pg 79	**Hwy. 50 & 71 By Pass, Lee's Summit**	**Mo**
Communication Equipment & Engineering, 12-17	5648 W. Race Ave. Chicago	Ill
Components Corp., 17	2855 N Halsted St. Chicago 14	Ill
Components for Research Inc., 3-17	979 Commercial St. Palo Alto	Cal
Computer Components Inc., 1-2-3-4-7-13-15-17	88-06 Van Wyck Expwy. Jamaica 18	NY
Continental X-Ray Corp., 17	1535 N Clybourn, Chicago 10	Ill
Control Data Corp., Cedar Engr. Div., 9-10-17	501 Park Ave, Minneapolis 15	Minn
Controlmag Labs., 17	2450 Susquehanna, Roslyn	Pa
Cook Electric Co., 17	2700 Southport Ave. Chicago 14	Ill
Co-Operative Industries, Inc., 7-8	100 Oakdale Rd. Chester	NJ
Corning Glass Works, Corning Electronic Components, 7-8	550 High St. Bradford	Pa
Cornwall Electronics Corp., 2-3-6-17	84 S Water St. Byram	Conn
COTO-COIL CO. INC., 7-17, Adv Pg 108	**65 Pavilion Ave. Providence 5**	**RI**
Crittenden Transformer Works Inc., 17	13011 S Spring St. Los Angeles 61	Cal
Culbertson Products, Inc., 8	25 Sumner Ave, Matawan	NJ
Cycle Transformer Corp, 3-7-17	354 Glenwood Ave, East Orange	NJ
DX Radio Products Co., Inc., 1-2-3-4-5-7-8-10-14-15-17	2300 Armitage Ave, Chicago 47	Ill
DALE ELECTRONICS INC., 2-3-4-5-10-14-17 Adv Pgs 120, 121	**Box 488, Columbus**	**Neb**
DANO ELECTRIC CO., 7-14-17, Adv Pg 452	**Main St. Winsted**	**Conn**
Datafilter Corp., 2-17	5921 Noble Ave. Van Nuys	Cal
DE COURSEY ENGINEERING LABORATORY, 2, Adv Pg 556	**11828 W Jefferson Blvd. Culver City**	**Cal**
Deeco Instruments, 2-17	14737 Arminta St. Van Nuys	Cal
DEL ELECTRONICS CORP., 3-17, Adv Pg 421	**521 Homestead Ave. Mt Vernon**	**NY**
Delevan Electronics Corp., 4-7	77 Olean Rd, East Aurora	NY
Delta Coils, Inc., 1-2-3-4-7-12-14	1128 Madison Ave. Paterson 3	NJ
Deltex Electronic Div. Delta Explor. Co. Inc., 17	Drawer 2666, Jackson	Miss
Deltron Co., 17	14736 Arminta St. Van Nuys	Cal
Devco Inc., 17	E Longmeadow	Mass
DeWitt Development Co., 17	3008 W 127 St. Blue Island	Ill
DIETZ DESIGN, INC., 2-3-17, Adv Pg 226	**Grandview 6**	**Mo**
Dormeyer Industries, 17	3418 N. Milwaukee Ave, Chicago 41	Ill
Double "E" Products Co., 2-17	208 Standard St. El Segundo	Cal
Dresser Electronics, HST Div., 2-3-7-17	555 N 5th St. Garland	Tex
EIR Corp., 17	5177 Overland Ave, Culver City	Cal
EMP Electronics Research Labs. Inc., 2-3-17	3131 N 29th Ave. Phoenix	Ariz
E.P. Electric Products Co., Ltd., 17	9720 Waverly St, Montreal 12, Que, Canada	
ERA Pacific, Inc., 17	1760 Stanford St. Santa Monica	Cal
Electran Mfg. Co., 2-3-17	1909 N. Clybourn, Chicago	Ill
Electrend Products Corp., 1	State & Water Sts, St. Joseph	Mich
Electric Autolite Co., 9	Champlain St. Toledo 1	Ohio
Electrical Windings, Inc., 2-3-17	2015 N. Kolmar, Chicago 39	Ill
Electro-Actuators Inc. Div. Omega Prec. Inc., 9	757 N Coney Ave. Azusa	Cal
Electro Networks Inc., 2-3	Caledonia	NY
Electro Powerpacs Inc., 2-3-5-17	5 Hadley St. Cambridge 40	Mass
Electro-Winders Co., Inc., 1-2-3-4-5-7-15-17	854 W. Front St, Covina	Cal
Electrodynamic Instrument Corp., 2-3-7-17	1841 Old Spanish Trail, Houston 25	Tex
ELECTRONIC COILS, INC., 4-7-10-17, Adv Pg 556	**33 Lyman St. Springfield**	**Mass**
Electronic Organ Arts, Inc., 2	4949 York Blvd, Los Angeles 42	Cal
Electronic Research Assoc, Inc., 17	67 Factory Pl, Cedar Grove	NJ
Elettronica Metal Lux S.p.A., 2	Viale Sarca 94, Milan	Italy
El-Rad Mfg. Co., 4	4300 N. California Ave, Chicago 18	Ill
ENDICOTT COIL CO. INC., 17, Adv Pg 450	**24 Charlotte St. Binghamton**	**NY**
Epco Products, Inc., 2-3-7	Box 298, Hatfield	NY
Epsco Inc. Components Div., 17	275 Massachusetts Ave. Cambridge 39	Mass
ESSEX ELECTRONICS, DIV NYTRONICS, INC., 4-7, Adv. Pgs. 210, 211	**550 Springfield Ave. Berkeley Heights**	**NJ**
Fairfield Controls Inc., 3-17	114 Manhattan St. Stamford	Conn
Fast & Co. John E., 1-4	3596 N Elston Ave. Chicago 18	Ill
Ferro-Magnetics Co., 2-4-17	989 Commercial St. Palo Alto	Cal
Ferrotran Electronic Co. Inc., 3-17	693 Broadway, New York 12	NY
Ferroxcube Corp. of America, 4	125 E Bridge St. Saugerties	NY
Five Star Co., 7-15-16-17	10 W. Main St. Plantsville	Conn
Forest Electric Co., 2-3-6-7-14-17	1003 N 25th Ave. Melrose Park	Ill
Foster Transformer Co., 2-3	3820 Colerain Ave, Cincinnati 23	Ohio
FREED TRANSFORMER CO. INC., 2-3-7, Adv Pg 524	**1736 Weirfield St. Brooklyn 27**	**NY**
Fugle-Miller Laboratories, Inc., 1-4-16-17	301 Central Ave, Clark	NJ
GATES ELECTRONIC CO., 2, Adv Pg 424	**2243 White Plains Rd. Bronx 67**	**NY**
Gates Radio Co., 13	123 Hampshire St. Quincy	Ill
General Coil Products Corp., 1-4-14-15-17	147-12 Liberty Ave. Jamaica 35	NY
General Dynamics/Electronics, 15	100 Carlson Rd. Rochester 3	NY
GENERAL ELECTRONIC & WIRE CO., 2-13-30, Adv Pg 484	**457 W 46th St. New York 36**	**NY**
General Instrument of Canada Ltd., 1-2-3-4-5-10	151 Weber St. S, Waterloo	Ont
General Instrument Corp. Automatic Mfg Div., 4	65 Gouverneur St. Newark 4	NJ
GENERAL MAGNETICS, INC., 2-3-4-15-17, Adv Pg 543	**Dept D, 2641 Louisiana Ave. Mapls 26**	**Minn**
General Radio Co., 3	West Concord	Mass
Globe Electronics, Div. Textron Electronics, Inc., 1-2-3-4-17	22-30 S 34th St. Council Bluffs	Iowa
Good-All Electric Mfg. Co., 1	112 W 1st St. Ogallala	Neb
Goslin Electric & Mfg. Co., 2-3-6-7-17	2921 W. Olive St, Burbank	Cal
Grand Tran, Inc., 2-3-17	Paw Paw Ave. Benton Harbor	Mich
Grand Transformers, Inc., 2-3-17	Hey St, Grand Haven	Mich
Green Rectifier Co., 3-17	1-10 30th St, Fair Lawn	NJ
Guardian Electric Mfg. Co., 17	1550 W Carroll Ave. Chicago 7	Ill
Hadley Co., Inc., Robert M.	5112 S. Hoover St, Los Angeles 37	Cal
Hamilton Standard Div. United Aircraft Corp., 3	Broad Brook	Conn
Hamilton Watch Co. Industrial Prods Div., 17	Lancaster	Pa
Hammond Mfg Co. Ltd., 2-4-6-17	Guelph	Ont
Harder Co., Donald C., 2-3-17	2580 K St. San Diego	Cal
Heinz-Mueller Engineering Co., Inc., 9	4725 Iowa St. Chicago 51	Ill
Heppner Mfg Co., 11	Box 608, Round Lake	Ill
Hindle Transformer Co. Inc., 3	Woods Church Rd. Flemington	NJ
Hisonic, Inc., 2-4-17	P.O. Box 534, Shawnee	Kan
Houlihan Co., T.J., 1-4-9-10-11-13-14-15-17	2510 W. Lawrence Ave, Chicago 25	Ill
I. H. Mfg. Co., 14-15	121 Greene St. New York 12	NY
Illumitronic Engineering Corp., 1-13	680 E Taylor Ave. Sunnyvale	Cal
Induction Heating Corp., 13	181 Wythe Ave, Brooklyn 11	NY
Industrial Transformer Co., 17	Box 656, West Caldwell	NJ
Intercontinental Electronics Corp., 2-14-17	300 Shames Dr. Westbury 29	NY
International Resistance Co., 4	401 N Broad St. Philadelphia 8	Pa
JFD ELECTRONICS CORP., 1-7-8, Adv Pgs 406, 407	**6101 16th Ave. Brooklyn 4**	**NY**
James Electronics Inc., 2-6-7-10-15-17	4050 N. Rockwell St. Chicago 18	Ill
Jeffers Electronics Div., Speer Carbon Co., 4	Hoover Ave. DuBois	Pa
Johnson Co., E.F., 1-4-13	Waseca	Minn
Johnson Electronics Inc., 1-2-3-4-17	Box 1675, Casselberry	Fla
K-W Engineering Works, 1	N50 W16328 Pin Oak Ct, (P.O.) Butler	Wisc
Kenyon Transformer Co. Inc., 3	1057 Summit Ave. Jersey City 7	NJ
Klann Organ Supply Co., 17	Box 2398, Waynesboro	Va
Lee Electric, Inc., 17	566 52 St, West New York	NJ
Life Instrument Co. Inc., 10-17	100 Brook St. Franklin	Mass
Linell Engineering Corp., 4	3974 N. Avondale, Chicago 41	Ill
Lumen, Inc., 2-3-10-17	Box 905, Joliet	Ill
Magnalectric Corp., 2-3-17	Box 6008, Tulsa	Okla
Magnetic Circuit Elements, Inc., 3	3722 Park Pl. Montrose	Cal
Magnetic Specialties Inc., 3	Box 476, Trenton 3	NJ
Magnetico, Inc., 2-17	6 Richter Ct. East Northport	NY
MATSUSHITA ELECTRIC, Adv Pg 255	**Box 288, Osaka Central, Tokyo**	**Jap**
Melco Products, Inc., 17	301 Fifth Ave S., Minneapolis 15	Minn
MENLO PARK ENGINEERING, 16, Adv Pg 413	**711 Hamilton Ave. Menlo Park**	**Cal**
Mercury Transformer Corp., 2-3-17	12964 Panama St. Los Angeles 66	Cal
Merit Coil & Transformer Corp., 1-2-3-4-5-14-17	2027 Sherman St. Hollywood	Fla
Metropolitan Telecommunications Corp., 1-2-3-4-5-6-7-10-13-15-16-17	Ames Ct. Plainview	NY
Micromag Instrument Corp., 2-4-17	115 Halleck St. Roxbury	Mass
MICROTRAN CO. INC., 4-12-15, Adv Pg 553	**145 E Mineola Ave. Valley Stream**	**NY**
Millen Mfg. Co., James, 4	150 Exchange St. Malden	Mass
Miller Co., J.W., 4	5917 S Main St. Los Angeles 3	Cal
Miller Co., L.C., 13	717 Monterey Pass Rd. Monterey Park	Cal
Minatron Corp., 10	14 Clyvedon Pl. Belle Mead	NJ
Miniature Electronic Components Corp., 4	21 Plymouth St. Holbrook	Mass
Minn-Honeywell, Military Prods Gr., 17	2600 Ridgway Rd. Minneapolis 13	Minn
Modelectric Products Corp., 3-4-17	15 Bangs Ave. Asbury Park	NJ
Molded Insulation Co., 17	335 E Price St. Philadelphia 44	Pa
Motordyne Inc., 9	2221 Barry Ave. Los Angeles	Cal
Muter Co., 4	1255 S. Michigan, Chicago 5	Ill
National Coil Co., 2-4-17	P.O. Box 1237, Sheridan	Wyo
National Electric Coil Div. McGraw Edison Co., 7-9	800 King Ave. Columbus 16	Ohio
New York Coil Co. Inc., 2-4-13-14-17	Phoenixville 12	Pa
Norbatrol Electronics Corp., 17	356 Collins Ave, Pittsburgh 6	Pa
NORTH HILLS ELECTRONICS INC., 4, Adv Pg 505	**Glen Cove**	**NY**
Oaktron Electric Co., 13-15-17	Tinley Park	Ill
Ohio Crankshaft Co., Tocco Div., 13	3800 Harvard Ave, Cleveland 5	Ohio
OHMITE MFG. CO., 4, Adv Pgs 276, 277	**3601 Howard St. Skokie**	**Ill**
ORTHO FILTER CORP., 12, Adv Pg 286	**7 Paterson St. Paterson 1**	**NJ**
ORTHO MAGNETICS INC., 2-3-17, Adv Pg 286	**7 Paterson St. Paterson 1**	**NJ**
Osborne Electric Co. Ltd., 2-3-6-7-9-10-14-15-17	95 Wesley St. Toronto 18	Ont
Osborne Transformer Corp., 3	3834 Mitchell Ave. Detroit 7	Mich
OVITRON CORP., 1-2-3-4-5-6-7-8-11-14-15-17, Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
OXFORD ELECTRIC CORP., 2, Adv Pg 539	**3911 S Michigan Ave. Chicago 53**	**Ill**
PCA ELECTRONICS INC., 2, Adv Pg 208	**16799 Schoenborn St. Sepulveda**	**Cal**
Pacific Universal Products Corp., 8	168 Vista Ave. Pasadena 8	Cal
Palo Alto Engineering Co., 3	620 Page Mill Rd. Palo Alto	Cal
Penn-Emit Engineering Corp., 2-3	P.O. Box 240, Kutztown	Pa
Penn Transformer Corp., 4-11	Bellefonte	Pa
Permaluster, Inc., 7	2012 W Burbank Blvd. Burbank	Cal
Permoflux Products Co., 14-15	4101 San Fernando Rd. Glendale	Cal
Pickering & Co. Inc., 7-17	Sunnyside Blvd. Plainview	NY
Polyphase Instrument Co., 4-17	E. Fourth St. Bridgeport	Pa
Potter Aeronautical Corp., 10	Route 22, Union	NJ
Power Equipment Co., 3	Portland Way N. Galion	Ohio
Precision Electronics, 2-3-7	427 Plain St. Marshfield	Mass
Precision Electronics Inc., 1-2-3-7-10-15-17	48 Merrick Rd. Rockville Centre	NY
Precision Inc., 3-17	4748 France Ave N., Minneapolis	Minn
Profile Electronics Corp., 4-9-10-13-17	6 Bridge St. Concord	NH
Prototype Transformer Corp., 2-3-6-7-17	1 Henry St. Bloomfield	NJ
Pulse Engineering Inc., 2	560 Robert Ave. Santa Clara	Cal
Radio Condenser Co., 17	Davis & Copewood Sts. Camden 3	NJ
Radio Dev. & Research Corp., 17	100 Penna. Ave. Paterson 3	NJ
Radio Engineering Labs. Inc., 2	29-01 Borden Ave. Long Island City 1	NY
Radio Frequency Co., Inc., 13	44 Park St. Medfield	Mass
Radio Industries, Inc., 1-17	666 Garland Pl, Des Plaines	Ill
Ram Electronics, Inc., 2-4-7-10-11-13-17	600 Industrial Ave, Paramus	NJ
Randall, Inc., Douglas, 2-7-17	6 Pawcatuck Ave. Westerly	RI
Rank Cintel Ltd., 5-11	Worsley Bridge Rd, London S.E. 26. England	
Raypar, Inc., 4-13-17	7800 W. Addison St, Chicago	Ill
REDMAN ELECTRONICS CORP., 4-13, Adv Pg 432	**Box 72, Thompsonville**	**Conn**
Renco Electronics Inc., 4-11-17	240-1 Old Country Rd. Hicksville	NY
Research Industrial Labs. of Electronics, 17	Roslyn	Pa
Reynolds Metals Co., 6-9	Box 2346 ZE, Richmond 18	Va
RIXON ELECTRONICS INC., 2-3, Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
Rollan Electric Co., 4-17	8233 S Princeton Ave. Chicago 20	Ill
Rotating Components, Inc., 9	267 Green St. Brooklyn 22	NY
Rye Sound Corp., 14-15-17	145 Elm St. Mamaroneck	NY
Rytron Co. Inc., 2-3-4-17	7331 Lankershim Blvd. N Hollywood	Cal
S N C Mfg Co. Inc., 6-9-17	Box 277, Oshkosh	Wis
Sag Harbor Industries, Inc., 2-7-9-14-15-17	Bay Dr. Sag Harbor	NY
Sage-Craft, Inc., 4-7-17	Norwich	NY
Sanford Miller Co., 3	11 Lynch St. Brooklyn 11	NY
Sangamo Electric Co., 2-3-17	1201 N. 11 St. Springfield	Ill
SATURN ELECTRONICS CORP., 2-3-7-9-10-17, Adv Pg 558	**10665 Harry Hines Blvd. Dallas 20**	**Tex**
Savoy Electronics Inc., 1	1314 NE 17 Ct. Box 7127, Ft Lauderdale	Fla
Servo-Tek Products Co. Inc., 17	1086 Goffle Rd, Hawthorne	NJ
Servotronics, Inc., 17	190 Gruner Rd. Buffalo 25	NY
Sickles, F.W., Div. General Instrument Corp., 1-4-5-17	165 Front St. Chicopee	Mass
Sierra Mfg Co., 9	Box 275, Wayne	Ill
Signal Transformer Co., 2-3-6-7-17	1661 McDonald Ave, Brooklyn 30	NY
Sinclair Radio Labs. Inc., 1	412 Cham. of Comm. Bldg. Buffalo	NY
Smallwood Ltd., S. G., 1-2-4-17	391-397 King St. E, Kitchener	Can
SOLID STATE ELECTRONICS CO., 17 Adv Pg 238	**Dept E 15321 Rayen St. Sepulveda**	**Cal**
Sound Projects Co. Div. LeClair, 10-15	2410 S Central Ave. Cicero 50	Ill
Sparton Corp., 2-3-7-17	2400 E Ganson St. Jackson	Mich
STANCOR ELECTRONICS INC., 2-3-4-5, Adv Pg 503	**3501 W Addison St. Chicago 18**	**Ill**
Standard Electronics Div Reeves Instrument Corp., 1-3-4-17	Lakewood Rd. Farmingdale	NJ
Standard Tel. & Cables Ltd., 16	29 Glasshouse Yard, London	Eng
STANDARD WINDING CORP., 1-2-3-4-15-17 Adv Pg 508	**44-62 Johnes St. Newburgh**	**NY**
Stanley Transformer Co., 2-3-17	31-23 Vernon Blvd. Long Island City	NY
Stanwyck Winding Co., 1-17	137 Walsh Ave. Newburgh	NY
Sterling Instrument Div., 4	17 Matinecock Ave. Port Washington	NY
Sterling Transformer Corp., 2-3-6-7-17	510 Driggs Ave. Brooklyn 11	NY
Steward Mfg Co., D.M., 16	3600 Jerome Ave. Chattanooga 1	Tenn
STONITE COIL CORP., 3-6-7-17, Adv Pg 388	**US Rt. 130, Yardville**	**NJ**
Stratocon Corp., 17	P.O. Box 10, Morristown	NJ
Sturrup, Inc., 17	51 Silver St, Middletown	Conn
Summit Coil Co., 4	4 Claremont Rd, Bernardsville	NJ
Superex Electronics Corp., 2-3-4	4-6 Radford Place, Yonkers	NY
Sylvania Elec Prods Inc. Lighting Prods Div., 2-3-5-6-16	60 Boston St. Salem	Mass
Sylvania Photolamp & Special Products, 5-6-16	60 Boston St. Salem	Mass
SYNTRONIC INSTRUMENTS INC., 5, Adv Pg 434	**100 Industrial Rd. Addison**	**Ill**
T. T. Electronics Inc., 2-3	Box 180, Culver City	Cal
TECHNICAL APPARATUS BUILDERS, 2-3-4, Adv Pg 529	**109 Liberty St. New York 6**	**NY**
Tele Coil Co. Inc., 1-2-3-4-5-10-11-12-17	2733 Saunders St. Camden 5	NJ
Telecomputing Corp. Elec Comps Div., 17	12838 Saticoy St. North Hollywood	Cal
Tenatronics Ltd., 17	1011 Power Ave. Cleveland 14	Ohio
Tenco Electronics Inc., 2-3-17	108 Cummington St. Boston	Mass
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 6, Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
Thor Transformer & Elecs Div., 2-3	752 San Antonio Rd. Palo Alto	Cal
Thordarson-Meissner Mfg. Co., 1-2-3-4-5-6-7-11	7th & Belmont Ave. Mt. Carmel	Ill
TODD ELECTRIC CO. INC., 17, Adv Pg 489	**6 Brook St. Yonkers**	**NY**
Tooper Mfg Co. Inc., 6-7-17	84-56 Parsons Blvd. Jamaica 32	NY
TOROCOIL CO., 2-17, Adv Pg 551	**1211 N Chestnut Ave. Arlington Heights**	**Ill**
Toroids Unlimited Inc., 2-3-4-17	3030 Terrace St. Philadelphia 28	Pa
TOROTEL INC., 2-3-4-6-7-17, Adv Pg 496	**5512 E 110th St. Kansas City 37**	**Mo**
TOROTRON CORP., 2-4-17, Adv Pg 234	**256 E 3rd St. Mt Vernon**	**NY**
TORWICO ELECTRONICS INC., 2-3-7-17, Adv Pgs 491, 492	**Route 70, Lakewood**	**NJ**
Transformer Engineers, 2-3-7	285 N. Halstead Ave, Pasadena	Cal
Transonic Inc., 17	908 16th St. Bakersfield	Cal
Tresco Inc., 2-3-6-7-17	3824 Terrace St. Philadelphia 28	Pa
Triad Transformer Corp., 2-3-4-5-17	4055 Redwood Ave. Venice	Cal
Tri - Dex Co., 17	Box 1207, Lindsay	Cal
Tur-Bo Jet Products, Inc., 7-17	424 S. San Gabriel Blvd, San Gabriel	Cal
Union Electric & Mfg. Corp., 2-3	1057 Summit Ave, Jersey City	NJ
United Mineral & Chemical Corp., 4-7-13	16 Hudson St. New York 13	NY
United Products Co., 8	165 Franklin Ave. Nutley 10	NJ
U. S. Electronics Corp., 3-4-7-17	276 Warren St. Lyndhurst	NJ
UNITED TRANSFORMER CORP., 2-3, Adv Pg 2nd Cover 1, 2	**150 Varick St. New York 13**	**NY**
Universal Toroid Coil Winding, Inc., 2-3-4-7-17	171EB Colt St, Irvington	NJ
Valor Instruments, Inc., 3-4-13-17	13214 Crenshaw Blvd. Gardena	Cal
Vanguard Electronics Co., 1-4	3384 Motor Ave, Los Angeles 34	Cal
VARO, INC., 2-3-17 Adv Pg 118	**2201 Walnut St. Garland**	**Tex**
Virginia Electronics Co., Inc., 2-3-4-6-17	5209 River Rd. Washington 16	DC
Vitro Corp of America, 4	261 Madison Ave. New York 16	NY
VITRO ELECTRONICS DIV. VITRO CORP., 4 Adv Pgs 309, 310	**919 Jesup Blair Dr. Silver Spring**	**Md**
WABASH MAGNETICS, 14-17 Adv Pg 516	**Box 454, Wabash**	**Ind**
Waber Electronics, Inc., 2-3-17	Hancock & Somerset, Philadelphia 33	Pa
Wahlgren Magnetics, Div., Marshall Ind., 2-3	1900 Walker Ave, Monrovia	Cal
Waldom Electronics Inc., 14	4621 W 53rd St. Chicago 32	Ill

Unison Electronics Mfg. Co., 4	400 S Wyman St. Rockford	Ill
Warsaw Coil Co., 2-4-17	Box 385, Warsaw	Ind
Waugh Engineering Co., 10	7842 Burnet Ave. Van Nuys	Cal
Weldotron Corp., 13	841 Frelinghuysen Ave. Newark 12	NJ
Wells Electronics Co., 1-4-7-13-17	1701 S Main St. South Bend 23	Ind
Westinghouse Elec. Transformer Dept., 17	Greenville	Pa
WHEELER ELECTRONIC CORP. SUB. SPERRY RAND CORP., 1-2-3-4-17, Adv Pg 490	**150 E Aurora St. Waterbury 20**	**Conn**
Whitewater Electronics Inc., 1-4	135 W Main St. Whitewater	Wis
Wilco Corp., 4	4030 W 10th St. Indianapolis	Ind
Winslow Corp., 4-7-17	Box 24, Endicott	NY
Wise Electronics, Inc., 1-2-3-4-17	21601 McBean Dr. El Monte	Cal
Workman TV Products, Inc., 1-2-3-4-12	Box 5397, Sarasota	Fla
Wright-Zimmerman Inc., 4-14	New Brighton, St Paul 12	Minn
YUTAKA ELECTRIC MFG. CO. LTD., 2-3-7-10-13-14-15-16-17, Adv Pg 266	**1-1253 Yutaka-cho, Shimogawa-ku, Tokyo**	**Jap**
Z & W Mfg. Corp. Electronics Div., 17	30240 Lakeland Blvd. Wickliffe	Ohio

COILS -VARIABLE See INDUCTANCES -VARIABLE
COIL SHIELDS See SHIELDS -COIL
COIL TESTERS See TESTERS -COIL
COIL WINDERS See MACHINES -COIL-WINDING
COINCIDENCE ANALYZERS See ANALYZERS
COINED METAL PARTS See METAL PARTS -COINED
COIN-OPERATED RECEIVERS See RECEIVERS -RADIO, ENTERTAINMENT: RECEIVERS - TV
COLD-HEADED METAL PARTS See METAL PARTS -COLD-HEADED
COLLECTOR RINGS See RINGS -COLLECTOR
COLLOIDAL GRAPHITE See GRAPHITE -COLLOIDAL

COLORIMETERS (COLOR ANALYZERS)

Allied Research Associates Inc	43 Leon St. Boston 15	Mass
Bausch & Lomb Inc	61467 Bausch St. Rochester 2	NY
Beckman Instruments, Inc. Scientific & Process Instruments Div	2500 Harbor Blvd. Fullerton	Cal
Biddle Co., James G.	1316 Arch St. Philadelphia 7	Pa
Canadian Research Institute	85 Curity Dr. Don Mills	Ont
Coleman Instruments Inc	42 Madison St. Maywood	Ill
Fisher Scientific Co.	713 Forbes Ave. Pittsburg 19	Pa
Hagan Chemicals & Controls Inc	Hagan Center, Pittsburgh 30	Pa
INSTRUMENT DEVELOPMENT LABS. INC., Adv Pg 430	**67 Mechanic St. Attleboro**	**Mass**
Manufacturers Engineering & Equipment Corp	York & Sunset Ln, Hatboro	Pa
Minn-Honeywell, Rubicon Instruments	Ridge at 35 St, Philadelphia 32	Pa
Optics Technology Inc	248 Harbor Blvd. Belmont	Cal
PHOTOCHRON INSTRUMENTS INC., Adv Pg 516	**662 Main St. Westbury**	**NY**
Process & Instruments Corp	15 Stone Ave. Brooklyn 33	NY
Specialties, Inc	Skunks Misery Rd, Syosset	NY

COLOR SORTERS See MACHINES -SORTING
COLOR TV COILS See COILS
COLOR TV GENERATORS See GENERATORS -SIGNAL
COLOR TV PICTURE TUBES See TUBES -CATHODE-RAY
COLOR TV RECEIVERS See RECEIVERS - TV
COLOR TV TRANSMITTERS See TRANSMITTERS -BROADCAST

COLUMBIUM

1. BARS, RODS & SHEET
2. POWDER & PELLETS

TUBING See TUBING -METALLIC-WIRE See WIRE -BARE

Brew Metallurgical Chemical Co., 1-2	820 65 Ave, Philadelphia 26	Pa
du Pont de Nemours & Co., Inc., E. I., 1	Wilmington 98	Del
Engineering Science Div Amer Metal Prods Co., 2	3900 S State St. Ann Arbor	Mich
Fansteel Metallurgical Corp., 1-2	2200 Sheridan Rd, N. Chicago	Ill
Haynes Stellite Co. Div. UCC, 1	1020 W Park Ave. Kokomo	Ind
Kennametal Inc., 1-2	Lloyd Ave, Latrobe	Pa
LEACH & GARNER CO. INDUSTRIAL DIV., 1-2, Adv Pgs 538, 539	**55 School St. Attleboro**	**Mass**
A.D. Mackay, Inc., 1-2	198 Broadway, New York 38	NY
Paul & Stein Bros., Inc., F. K., 1	235 Fifth Ave, New York 16	NY
REMBAR CO. INC., THE, 1, Adv Pg 543	**67 Main St. Dobbs Ferry**	**NY**
Semi-Alloys Inc., 1-2	20 McQuesten Pkwy. N, Mt. Vernon	NY
Shieldalloy Corp., 2	Newfield	NJ
Sylvania Elec Prods Inc, Sylcor Div., 1	208-20 Willets Point Blvd. Bayside	NY
Union Carbide Metals Co. Div. UCC, 2	270 Park Ave, New York 17	NY
United Mineral & Chemical Corp., 1-2	16 Hudson St, New York 13	NY
Van-Loo-Old Chemical Co., 1-2	116 Broad St, New York 4	NY
Wah Chang Corp., 1-2	233 Broadway, New York 7	NY

COMBUSTION CONTROLS See CONTROLS -PHOTOELECTRIC
COMMUNICATION RECEIVER PREAMPLIFIERS See AMPLIFIERS - R-F
COMMUNICATION RECEIVERS See RECEIVERS -RADIO COMMUNICATION

COMMUNICATION SYSTEMS

1. AIRCRAFT
2. AIRPORT TRAFFIC CONTROL
3. CITIZENS' RADIO
4. DATA TRANSMISSION
5. FACSIMILE
6. FREQUENCY-SHIFT
7. INDUCTION
8. MARINE RADIOTELEPHONE
9. MICROWAVE
10. MULTIPLEX RADIO CARRIER
11. MULTIPLEX WIRELINE CARRIER
12. RAILROAD
13. SELECTIVE CALLING
14. SINGLE-SIDEBAND
15. TELEMETERING
16. TELEPRINTER
17. TONE TELEGRAPH
18. TWINPLEX
19. VEHICULAR, POLICE & EMERGENCY
20. VEHICULAR RADIO, GENERAL
21. VEHICULAR TAXI
22. UHF, GENERAL-PURPOSE
23. VHF, GENERAL-PURPOSE
24. VLF, GENERAL-PURPOSE

INFRARED DEVICES See Also INTERCOMMUNICATION SYSTEMS: PAGING SYSTEMS: TRANSCEIVERS

AC Spark Plug Div., General Motors, 9-13	7929 S. Howell, Oak Creek	Wisc
ACF Electronics Div., 4	Riverdale	Md
AM & T Electronics, Inc., 15	1101 McAlmont St., Little Rock	Ark
Accurate Electronics Corp., 3	Box 935G, Elyria	Ohio
Adams-Russell Co. Inc., 15	280 Sixth St. Cambridge 42	Mass
Adler Electronics Inc., 9	1 Lefevre Ln, New Rochelle	NY
Admiral Corp., 1-4-14-22-23	3800 W Cortland St. Chicago 47	Ill
Aeronautical Communication Equipment, Inc., 1-6	3090 S.W. 37 Ave, Miami 33	Fla
Aeronautical Electronics, Inc., 2-8-9-12-19-20-21-22-23	Box 6527, Raleigh	NC
Air-O-Tronics Engineering Co., 3	Morrisville	NY
Aircraft Radio Corp., 1	Boonton	NJ
AIRPAX ELECTRONICS INC. SEMINOLE DIV., 6-15, Adv Pg 106	**Fort Lauderdale**	**Fla**
Airtron, Div of Litton Industries, 9	200 E. Hanover Ave, Morris Plains	NJ
Airtronics, Inc., 4-6-11	5522 Dorsey Ln, Washington 16	DC
ALDEN ELECTRONIC & IMPULSE RECORDING EQUIP CO., 5, Adv Pg 358	**P.O. Box 125, Westboro**	**Mass**
Allied Radio Corp., 3	100 N Western Ave. Chicago 80	Ill
Alpha Corp of Texas, 1-2-4-5-6-9-10-14-15-20-22-23-24	820 E Arapaho Rd. Richardson	Tex
American Bosch Arma Corp., 15	321 Fulton Ave. Hempstead	NY
American Development Electronics Co., 19-20	77 Pomier St. Newark 8	NJ
American Electronics Co., 3-19-20	178 Herricks Rd. Mineola	NY
American Elite, Inc. (Telefunken), 7-9-10-11	48-50 34 St. Long Island City 1	NY
American Machine & Foundry Co., 4-9-14-22-23	1025 N Royal St. Alexandria	Va
Amplivox Ltd., 1-2	Beresford Ave. Wembley, Middx	Eng
Amtron Corp., 15-22	17 Felton St, Waltham	Mass
Andrew California Corp., 9-24	941 E Maryland Ave. Claremont	Cal
Applied Electronics Co., 3-8-20	213 E. Grand Ave, South San Francisco	Cal
APPLIED ELECTRONICS CORP. OF NJ, 4-10-11-15, Adv Pg 518	**22 Center St. Metuchen**	**NJ**
APPLIED RESEARCH INC., 15-22-23, Adv Pg 124	**76 S Bayles Ave. Port Washington**	**NY**
Armstrong Whitworth Equipment, 4-15-22	Hucclecote, Gloucester	Eng
Arnoux Corp., 4-15	11924 W. Washington Blvd, L.A. 66	Cal
Ascop Div of Electro-Mechanical Research, Inc, 15	Box 44, Princeton	NJ
Automatic Electric Sales Corp., 12	Northlake	Ill
Automation Dynamics Corp., 4-15	255 County Rd. Tenafly	NJ
Automation Management, Inc., 4	Westboro 2	Mass
Avco Corp., Crosley Div., 2-4-15-20-23	1329 Arlington St, Cincinnati 25	Ohio
Avco Corp. Electronics & Ordnance Div., 4-14-15	Box 116, Cincinnati 15	Ohio
Avien, Inc., 15	58-15 Northern Blvd. Woodside 77	NY
Baird-Atomic Inc., 1-5-15	33 University Rd. Cambridge 38	Mass
Barker & Williamson Inc., 6-14-19-20-23	Canal & Beaver Sts. Bristol	Pa
Bell Aerospace Corp., 9	Box 1, Buffalo 5	NY
Bell & Gossett Co., 13-16-17	8200 N. Austin Ave, Morton Grove	Ill
Benco Television Associates, Ltd., 22-23	27 Taber Rd. Rexdale, Ont	Can
Bendix Corp. Bendix Radio Div., 1-12-13-19-20-21-23	Baltimore 4	Md
Benrus Watch Co. Inc., 2-10	30 Cherry Ave. Waterbury	Conn
Blaw-Knox Co., 2-9-12-22-23	300 6th Ave. Pittsburgh 22	Pa
Bliss Electronic Corp., 13	Box 366, Sussex	NJ
Blonder-Tongue Laboratories, Inc., 9	9 Alling St. Dept. EBG, Newark	NJ
Bogen-Presto Div. Siegler Corp., 1-10-19	Box 500, Paramus	NJ
Briggs Div. Drexel Dynamics Corp., 4-15	11 De Kalb St. Norristown	Pa
Bristol Co., 4-11-15	Box 1790 EBG, Waterbury 20	Conn
Bristol Motor Div. Vocaline Co. of Amer., 3	Old Saybrook	Conn
Browning Labs., Inc., 10	100 Union Ave, Laconia	NH
Budd Electronics Inc., 1-2-4-9-10-11-15-16-22-23	43-22 Queen St. Long Island City	NY
BUDELMAN ELECTRONICS CORP., 9-10-11-22-23, Adv Pg 167	**375 Fairfield Ave. Stamford**	**Conn**
Cadre Industries Corp., 3-13-19-20	Box 150, Endicott	NY
Canadian Marconi Co., 2-3-4-5-6-8-9-10-12-13-14-15-16-17-18-19-20-21-22-23	2444 Trenton Ave. Montreal	Que
Capehart Corp., 1-9	87-46 123rd St. Richmond Hill 18	NY
Cardion Electronics Inc., 15	65 Rushmore St. Westbury	NY
Chance Vought Corp. Vought Electronics Div., 1-2-4-9-14-15-22-23	Box 1500, Arlington	Tex
Chisholm Industries Ltd., 6-20	Electronic St. Port Moody B. C.	Can
Clegg Laboratories., 14-19-23	Rt. 53, Mt. Tabor	NJ
Collins Radio Co., 1-2-4-6-9-10-11-13-14-15-20-22-23	5200 C Ave. NE, Cedar Rapids	Iowa
Colorado Research Corp., 13-16-17	Broomfield	Colo
Communications Control Corp., 3-4-10-11-17-20	14707 Keswick St. Van Nuys	Cal
Communication Equipment & Engineering, 12	5648 W. Race Ave, Chicago	Ill
Communications Co. Inc., 2-14-19-20-21-22-23	300 Greco Ave. Coral Gables 34	Fla
COMPUTER INSTRUMENTS CORP., 15, Adv Pg 373	**92 Madison Ave. Hempstead**	**NY**
Computing Devices of Can. Ltd., 1-4-9-12-15-19	Box 508, Ottawa, Ont	Can
Continental Electronics Corp., 8	302 Oakland St. Brooklyn 22	NY
Control Corp., 15	718 Central Ave. Minneapolis 14	Minn
Crosby Teletronics Corp., 14	54 Kinkel St. Westbury	NY
Dare, Inc., 1-23	Box 312, Troy	Ohio
Data-Control Systems, Inc., 15	E Liberty St. Danbury	Conn
Data-Master Corp., 15	85 Hazel St, Glen Cove	NY
Data Products Co. Inc., 4-10-11-13-15-16	7320 Westmore Rd, Rockville	Md
Daystrom Inc. Control Systems Div., 4	4455 Miramar Rd. La Jolla	Cal
Daystrom Inc. Military Elec. Div., 1-2-10-14-15	Archbald	Pa
Decitron Electronics Corp., 1-4-6-9-10-22-23-24	850 Shepherd Ave. Brooklyn 8	NY
Decker Corp., 15	45 Monument Rd. Bala Cynwyd	Pa
Dueco Instruments, 15	14737 Aminta St. Van Nuys	Cal
Defense Electronics, Inc., 15-22-23	5451-B Randolph Rd, Rockville	Md
Delco Radio Div., GMC, 24	700 E. Firmin St, Kokomo	Ind
DeMORNAY-BONARDI CORP., 9, Adv. Pgs. 178, 179	**780 S Arroyo Pkwy. Pasadena**	**Cal**
Dero Research & Dev. Corp., 8-15	Broadway & Park Ave. Huntington	NY
Designers for Industry, 1-4-5-9-14-22-23-24	4241 Fulton Pkwy. Cleveland 9	Ohio
Diamond Antenna & Microwave Corp., 3-9-13	River St, Winchester	Mass
Digitronics Corp., 4	Albertson Ave. Albertson	NY
Dimensions Inc., 16	7314 - 20th Ave. Brooklyn 4	NY
DORSETT ELECTRONICS, INC., 15, Adv Pg 299	**Box 862, Norman**	**Okla**
Dresser Electronics SIE Div., 15	10201 Westheimer Rd. Houston 42	Tex
EMI-Cossor Electronics Ltd., 7-8-19-20	Box 525 Dartmouth NS	Can
Elcon Lab. Inc., 1	238 Main St. Cambridge 42	Mass
Electrada Corp., 4-5-9-13-16-22-23	11244 Playa St. Culver City	Cal
Electro-Logic Corp., 4	515 Rocklace, Venice	Cal
Electro-Mechanical Research, Inc., 15	Box 3041, Sarasota	Fla
Electro-Voice, Inc., 3	Buchanan	Mich
Electronic Controls Inc., 4	66 Southfield Ave. Stamford	Conn
ELECTRONIC INSTRUMENT CO. INC., 3, Adv Pg 396	**3300 Northern Blvd. Long Island City**	**NY**
ELECTRONIC PRODUCTS CORP., 17-22, Adv Pgs 545, 546	**4642 Belair Rd. Baltimore 6**	**Md**
Electronic Research & Development Co., Div. Mandrel Ind Ltd., 3-13-14-15-19-20-21-22-23	322 10th St. NW, Calgary	Alb
Electronic Security Co., 1-2-4-9-22-23	5121 San Fernando Rd. Los Angeles 39	Cal
Electronics, Missiles & Commun. Inc., 4-9-10-15	262 E 3rd St. Mt. Vernon	NY
Emertron Inc., 1-9	1140 East-West Hwy. Silver Spring	Md
Engineered-Design & Development Co., 4	61 Pennington St. Newark 2	NJ
Epsco, Inc. Systems Div., 4-15	275 Mass. Ave. Cambridge 39	Mass
Escobronics, 15	7000 S Vine St. LaGrange	Ill
Executone Inc., 12-13	415 Lexington Ave. New York 17	NY
FXR INC., 9, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Fairchild Camera & Instrument Corp. Defense Prods Div., 4	Robbins Ln. Syosset	NY
Faron Electronic Industries Inc., 3-13	415 Frelinghuysen Ave. Newark	NJ
Feedback Controls Inc., 4-11	8 Erie Drive, Natick	Mass
Feiler Engineering & Mfg Co., 11-13	8026 N Monticello Ave. Skokie	Ill
Ford Instrument Co. Div. Sperry Rand Corp., 2-4-5-15	31-10 Thomson Ave. Long Island City 1	NY
Foxboro Co., The, 15	Foxboro	Mass
FRONTIER ELECTRONICS CO., 15, Adv Pg 193	**4606 Memphis Ave. Cleveland 9**	**Ohio**
FUJI TSUSHINKI SEIZO K.K., 4-9-10-11-12-13-14-15-16-20-21-22-23, Adv Pg 259	**2, 3-Chome, Marunouchi Chiyoda-ku Tokyo**	**Jap**
Gates Radio Co., 4-14	123 Hampshire St. Quincy	Ill
General Communication Co., 15	677 Beacon St, Boston 15	Mass
GENERAL DEVICES INC., 4-15, Adv Pg 510	**Box 253, Princeton**	**NJ**
General Dynamics/Electronics, 1-4-6-10-14-15-16-22-23-24	100 Carlson Rd. Rochester 3	NY
General Dynamics/Electronics, Info Tech Div. 5	1895 Hancock St. San Diego 12	Cal
GENERAL ELECTRIC CO. APPARATUS SALES, 15, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
General Electric Co. Communication Products Dept., 8-9-10-12-19-20-21-23	Lynchburg	Va
General Electric Co. Light Military Electronics Dept., 1-4-9-14-15	French Rd. Utica	NY
General Electronic Labs, Inc., 4-9-10-15-22-23	8521 2nd Ave. Silver Spring	Md
General Instrument of Canada Ltd., 1-2-14-23	151 Weber St. S, Waterloo	Ont
General Microwave Corp., 9	47 Gazza Blvd. Farmingdale	NY
General Mills, Inc., 4-9-15	1620 Central Ave. Minneapolis 13	Minn
Geotechnical Corp., 4-15	3401 Shiloh Rd. Garland	Tex
Giannini Controls Corp., 4	1600 S. Mountain Ave, Duarte	Cal
Gilfillan Bros. Inc., 2-4-9-13-15	1815 Venice Blvd. Los Angeles 6	Cal
Globe Electronics, Div. Textron Electronics, Inc., 3-6-13-14-19-20-21-23	22-30 S 34th St. Council Bluffs	Iowa
Gonset Div., Young Spring & Wire Corp., 1-3-14-20	801 S. Main St, Burbank	Cal
Gorham Electronics Div. Gorham Corp., 9	333 Adelaide Ave. Providence 7	RI
Granger Associates, 1-9-10-20	974 Commercial St. Palo Alto	Cal
Gray Mfg. Co., 1	Dept 67, 16 Arbor St. Hartford 1	Conn
Gray Radio Co. Inc., 8	501 Forest Hill Blvd. West Palm Beach	Fla
HRB-Singer, Inc., 2-4-5-9	Science Park, State College	Pa
Hallamore Electronics Div. Siegler Corp., 15-17	714 N Brookhurst Ave. Anaheim	Cal
HALLICRAFTERS CO., 1-2-4-5-9-10-11-14, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
Heath Co. A Sub of Daystrom, Inc., 3-8-20-23-24	Benton Harbor	Mich
Hogan Faximile Corp., 5	635 Greenwich St. New York 14	NY
Hudson American Div., Vocaline Co of Amer, Inc., 8	Old Saybrook	Conn
I.D.E.A., Inc., 3	7900 Pendleton Pike, Indianapolis 26	Ind
ITT Federal Labs Div. ITT Corp., 4-9	500 Washington Ave. Nutley	NJ
International Crystal Mfg. Co., Inc., 3	18 N. Lee, Oklahoma City	Okla
Intl. Tel. & Tel. Corp. Ind. Prods. Div., 2-12-13-19-20-21-23	15191 Bledsoe St. San Fernando	Cal
Interstate Electronics Corp., 7-15	707 E Vermont Ave. Anaheim	Cal
Invac Corp., 16	14 Huron Dr. Natick	Mass
Jerrold Electronics Corp., 23	15th & Lehigh, Philadelphia 32	Pa
Johnson Co., E.F., 3-14	Waseca	Minn
Kaar Engineering Corp., 3-8-19-20-21-22	2995 Middlefield Rd. Palo Alto	Cal
Kahn Research Labs. Inc., 2-8-10-14-24	81 S Bergen Pl. Freeport	NY
Karg Laboratories, Inc., 10	162 Ely Ave. South Norwalk	Conn
Kauke & Co. Inc., 15	1632 Euclid St. Santa Monica	Cal
Kellogg Switchboard & Supply Co., 4-6-9-10-12-13-15-16-21	6650 S. Cicero Ave, Chicago 38	Ill
Kennedy & Co., D. S., 9-15	Cohasset	Mass
Land-Air, Inc., 1-2-13-14-15-22-23	7444 W. Wilson Ave, Chicago 31	Ill
Leach Corp., 4-15	18435 Susana Rd. Compton	Cal
Lear Inc., 1-9-10-15	3171 S Bundy Dr. Santa Monica	Cal
LEL INC., 9-22 Adv Pg 461	**75 Akron St. Copiague**	**NY**
Lenkurt Electric Co., Inc., 4-9-10-11-14-15	1105 County Rd. San Carlos	Cal
Leupold & Stevens Instruments Inc., 15	4445 NE Glisan St. Portland	Ore
Ling Electronics Div. Ling-Temco Electronics, Inc., 24	1515 S Manchester Ave. Anaheim	Cal
Link Div. Gen. Precision Inc., 7-12	Binghamton	NY
Lorain County Radio Corp., 8	203 9 St. Lorain	Ohio
Loral Electronics Corp., 4-9-15	825 Bronx River Ave. New York 72	NY
Lynch Communication Systems Inc., 2-4-6-9-10-11-12-14-15-17-23	695 Bryant St. San Francisco 7	Cal
Magnavox Co., 1-9-20-22	2131 Bueter Rd. Fort Wayne 4	Ind
Marconi's Wireless Telegraph Co. Ltd., 1-2-6-8-9-13-14-16-17-19-20-21-22-23	750 3rd Ave. New York 17	NY
Marquardt Corp., Pomona Div., 4-15	2709 N. Garey Ave, Pomona	Cal
Martin Co., 1-4-6-9-10-13-14-20-22	Mail No. [illegible], Baltimore 3	Md
Mallory Electronics Div., 7	3029 English Ave. Indianapolis	Ind
Maury & Associates, 9	10373 Mills Ave, Montclair	Cal
Maxson Electronics Corp., 4-9	475 10th Ave. New York 18	NY
Medistor Instrument Co., 15	1443 Northlake Way, Seattle	Wash
Metropolitan Telecommunications Corp., 11-12-16-17	Ames Ct. Plainview	NY
Microdot, Inc., 15-22-23	220 Pasadena Ave. South Pasadena	Cal
Microtech, Inc., 9	Milldale Rd. Cheshire	Conn
MICROWAVE CORP. OF AMERICA, 15, Adv Pg 462	**Box 278, Stamford**	**Conn**
Milgo Electronic Corp., 4	7620 NW 36 Ave. Miami 47	Fla
Minicord Corp. of America, 8	1913 Atlantic Ave. Atlantic City	NJ
Minn-Honeywell, Brown Instruments Div., 15	Wayne & Windrim Aves. Philadelphia 44	Pa
Minn-Honeywell, Military Prods Gr., 4-5-15-16	2600 Ridgway Rd. Minneapolis 13	Minn
Minn-Honeywell, Special Systems Div., 4-15	Queen & S Bailey St. Pottstown	Pa
Miratel, Inc., 3	1080 SE & Richardson, New Brighton 12	Minn
MODEL ENG. & MFG. CORP., 1-8-14, Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Molectronics Div. Motec Ind. Inc., 4-6-9-10-11-14-15-17-18	5344 Arizona Cir. Los Angeles 45	Cal
Moore Associates, Inc., 4-10-15	893 American St. San Carlos	Cal
Morrow Radio Mfg. Co., 3-13-14-20	2794 Market St, Salem	Ore
Motorola Communication & Electronics, Inc., 9-12-13-19-20-21-22-23	4501 Augusta Blvd. Chicago 51	Ill
Muirhead & Co., Ltd., 5	Beckenham, Kent, England	
Multitone Electronics Ltd., 7-13	131 Renton St. Toronto 7	Can
Mycalex Electronics Corp., 4-15	125 Clifton Blvd, Clifton	NJ
Nacimco Products, Inc., 15	1050 Morena Blvd, San Diego	Cal
National Aeronautical Corp., 1	Commerce Dr. Fort Washington	Pa

National Electronics Labs., Inc., 15-23	1713 Kalorama Rd N.W., Washington 9	DC
NAVIGATION COMPUTER CORP., 4, Adv Pg 511	**Valley Forge Ind Park, Norristown**	**Pa**
Neill Co., Inc., R.M., 12	432 W. Monroe, Chicago 41	Ill
New London Instrument Co., 15	82 Union St. New London	Conn
Nichols, Ltd., R.H., 15	4544 Dufferin St, Downsview, Ontario, Canada	
NIPPON ELECTRIC CO. LTD., 9-10-11, Adv Pg 267	**2 Shiba Mita-ku, Tokyo**	**Jap**
North Electric Co., 2-12-15	553 S Market St. Galion	Ohio
Northeast Electronics Corp., 4	Box 425, Concord	NH
NORTHERN RADIO CO. INC., 4-5-6-10-11-16-17-18, Adv Pgs 137-139	**143-145 W 22nd St. New York 11**	**NY**
Nuclear Electronics Corp., 8-10-13	2925 N. Broad St, Philadelphia 32	Pa
OKI ELECTRIC INDUSTRY CO. LTD., 3-6-8-9-10-11-13-14-16-17-19-20-22-23, Adv Pg 257	**10 Shiba Takahama-cho Minato-ku, Tokyo**	**Jap**
Olympic Radio & TV Div. Siegler Corp., 4-23	34-01 38 Ave. Long Island City 1	NY
Ortronix, Inc., 4-6-15	Forsythe Rd. Dr. 8217, Orlando	Fla
Osborne Electronics Corp., 3-20	712 SE Hawthorne Blvd. Portland 14	Ore
Pace Engineering Co., 15	13035 Saticoy St. North Hollywood	Cal
Pacific Mercury Electronics, 15	8345 Hayvenhurst Ave, Sepulveda	Cal
PACKARD-BELL ELECTRONICS CORP. TECHNICAL PRODUCTS DIV., 1-2-22, Adv Pg 49	**12333 W Olympic Blvd. Los Angeles 64**	**Cal**
Page Communications Engrs Inc., 2-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-22-23-24	714 14th St. NW, Washington 5	DC
Paine Avionics, 1-3	Rte 5, Box 610, Everett	Wash
Parsons Co., Ralph M. Electronics Div., 8-15	151 S DeLacey Ave. Pasadena	Cal
Pearce Simpson, Inc., 3-8	2295 NW 14th St. Miami 35	Fla
Peer, Inc., 2	Benton Harbor	Mich
Peer Inc., 6-8-10-14	2624 Shelby St. Dallas 19	Tex
PENNWOOD NUMECHRON CO., 14 Adv Pg 550	**7249 Frankstown Ave. Pittsburgh 8**	**Pa**
Philco Corp. Govt & Ind Div., 1-2-4-5-9-10-12-13-14-15	4700 Wissahickon Ave. Phila 44	Pa
Philips Electronics Ind. Ltd., 2-3-8-19-20-21-23	116 Vanderhoof Ave. Toronto 17	Ont
Philips' Gloeilampenfabrieken, N. V., 2-4-8-9-11-15-16-22-23	Eindhoven	Neth
Philmore Mfg. Co., Inc., 3	113-01 Jamaica Ave, Richmond Hill 18	NY
Pinetronics, Inc., 14-22-23-24	Easton	Pa
Precision Instrument Corp., 15	1011 Commercial St. San Carlos	Cal
PRECISION PRODUCTS DEPT. NORTRONICS DIV. NORTHROP CORP., 15, Adv Pg 240	**100 Morse St. Norwood**	**Mass**
Pye Telecommunications, Ltd., 2-8-9-10-15-19-20-21-22-23	Newmarket Rd. Cambridge	Eng
R.L.C. Electronics, Inc., 22	105 Mamaroneck Ave. Mamaroneck	NY
Radiaphone Co., Inc., 15	100 E Evergreen St. Monrovia	Cal
Radiation Inc., 4-15-19-20	Melbourne	Fla
Radiation Instrument Devel Labs Inc., 11	61 E North Ave. Northlake	Ill
Radio Corp. of America, Defense Electronic Prods. 1-2-4-5-6-9-10-11-13-14	Bldg. 15-2 Camden	NJ
RADIO CORP. OF AMERICA, INDL ELECTRONIC PRODS., 3-5-6-8-9-13-14-16-17-19-20-21-22-23, Adv Pg 391	**Front & Cooper, Camden**	**NJ**
Radio Engineering Labs. Inc., 9-10-14-22-23	29-01 Borden Ave. Long Island City 1	NY
Radio Mfg. Engineers, Div., Electro Voice, Inc., 3-14	Buchanan	Mich
Raw Electronics, Inc., 1-3-15	600 Industrial Ave, Paramus	NJ
Ratelco, 1-13	820 Minor Ave. N, Seattle	Wash
Ray-O-Vac Co Div Elec Storage Battery Co., 2	212 E Washington Ave. Madison	Wis
Raytheon Co. Commun & Data Process Oper. 4-9-10-11-15	145 Boston-Pvdnce Tnpk. Norwood	Mass
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., 3, Adv Pg 37	**411 Providence Tnpk. Westwood**	**Mass**
Raytheon Co. Govt Mktg., 4-9-10-11-12-15	Lexington 73	Mass
Remler Co., 7	2101 Bryant St. San Francisco 10	Cal
RIXON ELECTRONICS INC., 4-6-10-11-14-15-17-23, Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
Rowe Industries, 3-8	1702 Wayne St. Toledo 9	Ohio
Ryan Electronics Div. Ryan Aero. Co., 1-4-9-15	5650 Kearny Mesa Rd. San Diego 12	Cal
Sargent & Greenleaf Inc., 13-15-19-20	24 Seneca Ave. Rochester	NY
Sarkes Tarzian Inc. Broadcast Eqpt Div., 9	E Hillside Dr. Bloomington	Ind
Scantlin Electronics, Inc., 4-10-13	2215 Colby Ave, Los Angeles 64	Cal
Schulter Microwave Corp., 9	80 E Montauk Hwy. Lindenhurst	NY
Secode Corp., 13-19-20	555 Minnesota St. San Francisco 7	Cal
Seiscor Div. Seismograph Service Corp., 3-20-23	6200 E 41 St. Tulsa	Okla
SERVO CORP OF AMERICA, 1-2-12, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Servomechanisms/Inc., 1-10-15	200 N Aviation Blvd. El Segundo	Cal
SHINWA TSUSHINKI, K. K., 3-14-23, Adv Pg 260	**943 4-chome Shimotakaido, Suginami-ku Tokyo**	**Jap**
SIERRA ELECTRONIC CORP., 24 Adv Pgs 128, 129	**3885 Bohannon Dr. Menlo Park**	**Cal**
Sierra Research Corp., 15	Box 22, Buffalo 25	NY
Sigma Electronics Research Corp., 9	15735 Ambaum Blvd. Seattle 6	Wash
Simmonds Precision Prods Inc., 22-23	105 White Plains Rd. Tarrytown	NY
SOLID STATE ELECTRONICS CO., 15 Adv Pg 238	**Dept E 15321 Rayen St. Sepulveda**	**Cal**
SONEX INC., 15, Adv Pg 530	**20 E Herman St. Philadelphia 44**	**Pa**
Sorensen Industrial Electronic Co., 3-8-14	Rt 10, Dover	NJ
Space Electronics Corp., 4-15-23-24	930 Air Way, Glendale 1	Cal
Sparton Corp., 1-2-4-5-6-10-22-23-24	2400 E Ganson St. Jackson	Mich
Specialty Electronics Development Corp., 11	115 Eileen Way, Syosset	NY
Spectra Electronics Co., 9-15-22-23-24	28 E. 3rd St, Mt. Vernon	NY
Sperry Microwave Electronics Co., 9	Box 1828, Clearwater	Fla
Sperry Phoenix Co. Div. Sperry Rand Corp., 15	21111 N 19th Ave. Phoenix 27	Ariz
Spilsbury & Tindall Ltd., 8-14-20-21-23	120 E Cordova St. Vancouver 4	BC
Standard Electronics Div Reeves Instrument Corp., 10-14-23	Lakewood Rd. Farmingdale	NJ
Standard Tel. & Cables Ltd., 1-2-3-4-5-6-9-10-11-12-13-14-15-16-19-22-23	29 Glasshouse Yard, London	Eng
Statham, Inc., 4-6-10-11-17	281 Henry St. Stamford	Conn
Stony Brook Labs., 4-15	55 State Rd. Princeton	NJ
Straza Industries, 4	790 Greenfield Dr. El Cajon	Cal
Surface Conduction, Inc., 3-4-5-9-11-12-15-19-22-23	1501 Broadway, New York 36	NY
Sylvania Electronic Systems, 1	63 Second Ave. Waltham	Mass
Talk-A-Phone Co., 13	5013 N Kedzie Ave. Chicago 25	Ill
Tally Register Corp., 4	1310 Mercer St. Seattle 9	Wash
Tamar Electronics Inc., 1	2045 W Rosecrans Ave. Gardena	Cal
TECHNICAL MATERIEL CORP., 5-6-8-14-16-17-19-20, Adv Pg 346	**700 Fenimore Rd. Mamaroneck**	**NY**
TELautograph Corp., 2-4-5	8700 Bellanca Ave. Los Angeles 45	Cal
Tele-Communications Inc., 6-23	50 Drumm St. San Francisco 11	Cal
TELE-DYNAMICS DIV. AMERICAN BOSCH ARMA CORP., 15, Adv Pgs 196, 197	**5000 Parkside Ave. Philadelphia 31**	**Pa**
Telechrome Mfg Corp., 4-6-13-14-15-17-19-20-21-22-23-24	195 Dixon Ave. Amityville	NY
Telecomputing Corp., 1-2-4-15-16	915 N Citrus Ave. Hollywood	Cal
Telectro Industries Corp., 4-5-15-16	35-16 - 37th St. Long Island City 1	NY
Telemetrics, Inc., 15	12927 S Budlong, Gardena	Cal
TELERAD DIV. LIONEL CORP., 9, Adv Pgs 220, 221	**Rt 69, Flemington**	**NJ**
Teleregister Corp., 4	445 Fairfield Ave. Stamford	Conn
Teletype Corp., 4-10-11-13-16	5555 W. Touhy Ave, Skokie	Ill
Texas Instruments Incorporated, Apparatus Div. Govt Prods Gr., 9-15	Box 6015, Dallas 22	Tex
Thompson Ramo Wooldridge Inc. Tapco Group, 4 15	23555 Euclid Ave. Cleveland 17	Ohio
TOKYO DENKI SEIKI CO. LTD., 9, Adv Pg 264	**11 2-chome, Nakamachi, Kanda, Chiyoda-ku, Tokyo**	**Jap**
Topp Industries, Inc., 1-2-4-8-14	5221 W. 102 St, Los Angeles 45	Cal
Tower Construction Co., 9	2700 Hawkeye Dr, Sioux City	Iowa
Trak Electronics Co. Inc., 10	49 Danbury Rd. Wilton	Conn
Transline Electronic Mfg. Co., 4-5	503 McCarter Hwy. Newark 2	NJ
Translite Electronics Corp., 3	5720 W Armitage Ave. Chicago 39	Ill
Trans-Tel Corp., 3	910 N. Orange Dr, Los Angeles 38	Cal
TREPAC CORP. OF AMERICA, 4-13-16-17, Adv Pgs 415, 426	**30 W Hamilton Ave. Englewood**	**NJ**
Tri-Ex Tower Corp., 9	127 E Inyo, Tulare	Cal
United ElectroDynamics Inc., 15	200 Allendale Rd. Pasadena	Cal
United Shoe Machinery Corp., 9	140 Federal St. Boston	Mass
U. S. Instrument Corp., 2-12-13	Box 120 BG, Charlottesville	Va
U.S. Science Corp., 2-14-23	5221 W. 102nd St, Los Angeles 45	Cal
Varian Associates, 9-22	611 Hansen Way, Palo Alto	Cal
Vector Mfg. Co., Inc., 15	Keystone Rd, Southampton	Pa
Victor Adding Machine Co., 4-16	3900 N Rockwell St. Chicago 18	Ill
Virginia Electronics Co., Inc., 2-21	5209 River Rd. Washington 16	DC
Vitro Corp of America, 2-4-15-22-23	261 Madison Ave. New York 16	NY
VITRO ELECTRONICS DIV. VITRO CORP., 2-15-22-23 Adv Pgs 309, 310	**919 Jesup Blair Dr. Silver Spring**	**Md**
Vocaline Co. of America, Inc., 3-11	Old Saybrook	Conn
Waltham Electronics Corp., 15	751 Main St. Waltham 54	Mass
Wang Laboratories, Inc	12 Huron Dr. Natick	Mass
Warren Mfg. Co., Inc., 15	Newton Rd, Littleton	Mass
Washington Aluminum Co. Inc., 9	Pa RR & Knecht Ave. Baltimore 29	Md
Watkins-Johnson Co., 9	3333 Hillview Ave. Palo Alto	Cal
Welex Electronics Corp., 2	1000 16th St. NW, Washington	DC
Western Union Telegraph Co., 4-5-9-16	60 Hudson St. New York 13	NY
Westinghouse-Electronics Div., 4-9-10-14-22-23-24	Baltimore	Md
Westrex Corp. Div. Litton Industries, 5-6-10-11-14-16-17-20	540 W 58th St. New York 19	NY
WHEELER ELECTRONIC CORP SUB SPERRY RAND CORP., 13, Adv Pg 490	**150 E Aurora St. Waterbury 20**	**Conn**
Wickes Engineering & Construction Co., 2	12th St & Ferry Ave, Camden 4	NJ
Wiley Electronic Products Co., 4-15	2045 W Cheryl Dr. Phoenix	Ariz
Winder Aircraft Corp., 1-2-4-5-6-7-8-9-10-14-22-23-24	Dunnellon Air Base, Dunnellon	Fla
Woodland Electronics Co. Inc., 4-5-9	503 McCarter Hwy. Newark 2	NJ
Zenith Radio Corp., 14	6001 Dickens Ave, Chicago 39	Ill

COMMUNICATION TRANSMITTERS See TRANSMITTERS –*RADIO COMMUNICATION*

COMMUNITY TV ANTENNAS See ANTENNAS – TV

COMMUTATOR SLIP RINGS See SLIP RING ASSEMBLIES

COMMUTATORS –*SWITCHING*

1. ELECTRONIC, SOLID-STATE
2. ELECTRONIC, TUBE
3. MERCURY JET
4. MOTOR-DRIVEN CONTACT-TYPE

Abacus, Inc., 1	3042 Overland Ave. Los Angeles	Cal
Adage, Inc., 1	292 Main St, Cambridge	Mass
Adcole Corp., 1	186 Massachusetts Ave. Cambridge 39	Mass
AIRFLYTE ELECTRONICS CO., 4, Adv Pg 342	**535-9 Avenue A, Bayonne**	**NJ**
Airtron, Div of Litton Industries, 1	200 E Hanover Ave. Morris Plains	NJ
Angle Corp., 4	4331 N. Ravenswood Ave, Chicago 13	Ill
Applied Control Corp., 1	1000 Main St. Hackensack	NJ
APPLIED ELECTRONICS CORP. OF NJ, 1-2-4, Adv Pg 518	**22 Center St. Metuchen**	**NJ**
Arnoux Corp., 2	11924 W Washington Blvd, L.A. 66	Cal
Ascop Div of Electro-Mechanical Research, Inc., 1-2-4	Box 44, Princeton	NJ
Atlantic Research Corp., 1	Shirley Hwy. at Edsall Rd. Alexandria	Va
Automation Dynamics Corp., 4	255 County Rd. Tenafly	NJ
Avien, Inc., 1	58-15 Northern Blvd. Woodside 77	NY
Block Associates, Inc., 4	385 Putnam Ave. Cambridge 39	Mass
Burroughs Corp. Electronic Components Div., 2	Box 1226, Plainfield	NJ
COLLECTRON CORP., 4, Adv Pg 550	**304 E 45th St. New York 17**	**NY**
Communications Control Corp., 1	14707 Keswick St. Van Nuys	Cal
COMPUTER INSTRUMENTS CORP., 4, Adv Pg 373	**92 Madison Ave. Hempstead**	**NY**
Control Equipment Corp., 1	19 Kearney Rd, Needham Heights 94	Mass
Cramer Controls Corp., 4	Box 13, Centerbrook	Conn
Crestmont Electronics, 1	2201 W Burbank Blvd, Burbank	Cal
CURTISS WRIGHT CORP. INTERMTN. BR., 1, Adv Pg 474	**Box 8324, Albuquerque**	**NM**
Data-Control Systems, Inc., 1	E. Liberty St. Danbury	Conn
DAVEN CO., 4, Adv Pg 187	**Rt. 10, Livingston**	**NJ**
Dielectric Products Engrg. Co. Inc., 4	Raymond	Me
DORSETT ELECTRONICS, INC., 1, Adv Pg 299	**Box 862, Norman**	**Okla**
Dresser Electronics SIE Div., 1	10201 Westheimer Rd. Houston 42	Tex
Dynamics Instrumentation Co., 1	1118 Mission, S. Pasadena	Cal
Electro-Logic Corp., 1	515 Boccaccio, Venice	Cal
ELECTRO-MEC DIV. WALTHAM PREC INSTR CO. INC., 1-4, Adv Pg 362	**47-51 33rd St. Long Island City 1**	**NY**
Electro-Mechanical Research, Inc., 1-2-4	Box 3041, Sarasota	Fla
ELECTRO MINATURES CORP., 4, Adv Pg 494	**632 Huyler St. South Hackensack**	**NJ**
ELECTRO SWITCH CORP., 4, Adv Pg 446	**167 King Ave. Weymouth 88**	**Mass**
Electro Tec Corp., 1-2-4	10 Romanelli Ave, South Hackensack	NJ
Electronic Development Corp., 1	423 W Broadway, Boston 27	Mass
ELECTRONIC PRODUCTS CORP., 1, Adv Pgs 545, 546	**4642 Belair Rd. Baltimore 6**	**Md**
Engineered Magnetics Div., Gulton, 1	13041 Cerise Ave, Hawthorne	Cal
Epsco Inc. Instruments Div., 1	275 Massachusetts Ave. Cambridge 39	Mass
Escotronics, 4	7800 S Vine St. LaGrange	Ill
FIFTH DIMENSION INC., 4, Adv Pg 483	**Box 483, Princeton**	**NJ**
GENERAL APPLIED SCIENCE LABS. INC., 1, Adv Pg 525	**Merrick & Stewart Aves. Westbury**	**NY**
GENERAL DEVICES INC., 1-4, Adv Pg 518	**Box 253, Princeton**	**NJ**
Genisco, Inc., 4	2233 Federal Ave, Los Angeles 64	Cal
Gilfillan Bros. Inc., 1	1815 Venice Blvd. Los Angeles 6	Cal
GRAPHITE METALLIZING CORP., 4, Adv Pg 273	**1052 Nepperhan Ave. Yonkers**	**NY**
Halex Inc., 4	310 E Imperial Hwy. El Segundo	Cal
HAYDON CO., A. W., 4, Adv Pgs 302, 303	**238 N Elm St. Waterbury**	**Conn**
Hesco Engineering Co., 4	322 E. Beach Ave, Inglewood 3	Cal
INSTRUMENT DEVELOPMENT LABS. INC., 4, Adv Pg 430	**67 Mechanic St. Attleboro**	**Mass**
Leach Corp., 1	18435 Susana Rd, Compton	Cal
Lear, Inc., 1	3171 S Bundy Dr. Santa Monica	Cal
Lind Instruments, Inc., 4	2294 Mora Dr. Mountain View	Cal
LING-TEMCO ELECTRONICS INC. MICROMODULAR COMPONENTS DIV., 1, Adv Pg 223	**1859 S Manchester, Anaheim**	**Cal**
Magnavox Co., 4	2131 Bueter Rd. Fort Wayne 4	Ind
MAGNETIC AMPLIFIERS DIV. SIEGLER CORP., 1, Adv Pg 295	**632 Tinton Ave. New York 55**	**NY**
MAICO ELECTRONICS, INC., 1, Adv Pg 153	**21 N 3rd St. Minneapolis 1**	**Minn**
Marquardt Corp. Pomona Div., 1	2709 N Garey Ave. Pomona	Cal
Microcell Electronics, 1	Blackwater, Nr. Camberley, Surrey	Eng
Microphase Corp., 1	River Rd. Cos Cob	Conn
MODEL ENG. & MFG. CORP., 2, Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Modern Industries, Inc., 1	5755 Camille Ave, Culver City	Cal
Molectronics Div. Nortec Ind. Inc., 1	6344 Arizona Cir. Los Angeles 45	Cal
Moore Associates, Inc., 1	893 American St. San Carlos	Cal
Mycalex Electronics Corp., 4	125 Clifton Blvd, Clifton	NJ
NAVIGATION COMPUTER CORP., 1, Adv Pg 511	**Valley Forge Ind Park, Norristown**	**Pa**
NEY CO., J. M., 4, Adv Pg 467	**Maplewood Ave. Bloomfield**	**Conn**
Noppert Electric Prods Co., 4	1755 W Mound St. Columbus 23	Ohio
North Electric Co., 1	553 S Market St. Galion	Ohio
OVITRON CORP., 1, Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
Penn Keystone Corp., 1	Box 351, Derby	Conn
Poly Scientific Corp., 4	Rt 460 N., Blacksburg	Va
Radiation at Stanford, 1	3180 Hanover St. Palo Alto	Cal
Radiation, Inc., 1	Melbourne	Fla
RIXON ELECTRONICS INC., 1, Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
Rotary Devices Corp., 4	30 Joy St. Englewood	NJ
San Diego Scientific Corp., 1	3434 Midway Dr, San Diego 10	Cal
SERVO CORP OF AMERICA, 1-2, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Shemer Mfg Co., 4	Box 275, Wayne	Ill
Sierra Research Corp., 1	P.O. Box 22, Buffalo 25	NY
Solartron, Inc., 1	1742 S. Zeyn St. Anaheim	Cal
SOLID STATE ELECTRONICS CO., 1 Adv Pg 238	**Dept E 15321 Rayen St. Sepulveda**	**Cal**
SONEX INC., 1, Adv Pg 530	**20 E Herman St. Philadelphia 44**	**Pa**
Sparton Corp., 1-2-3-4	2400 E Ganson St. Jackson	Mich
Spec-Tronics, 1	13942 Saticoy Ave, Van Nuys	Cal
Sperry Microwave Electronics Co., 1	Box 1828, Clearwater	Fla
Standard Tel. & Cables Ltd., 4	29 Glasshouse Yard, London	Eng
Stony Brook Labs., 1-2	55 State Rd. Princeton	NJ
Subminiature Instruments Corp., 4	3255 Kansas Ave. Riverside	Cal
Taber Instrument Corp., 1	107 Goundry St, North Tonawanda	NY
TECHNOLOGY INSTRUMENT CORP. OF ACTON, 4, Adv Pgs 84, 85	**536 Main St. Acton**	**Mass**
TELE-DYNAMICS DIV. AMERICAN BOSCH ARMA CORP., 1-4, Adv Pgs 196, 197	**5000 Parkside Ave. Philadelphia 31**	**Pa**
Telemetrics, Inc., 1	12927 S Budlong, Gardena	Cal
TEMPO INSTRUMENT INC., 1, Adv Pg 130	**Commercial St. Hicksville**	**NY**
Texas Instruments Incorporated, Apparatus Div. Govt Prods Gr., 1	Box 6015, Dallas 22	Tex
Topp Mfg Co. Inc., 1	84-56 Parsons Blvd. Jamaica 32	NY
TREPAC CORP. OF AMERICA, 1, Adv Pgs 415, 426	**30 W Hamilton Ave. Englewood**	**NJ**
Ulmer Co., H. W., 2	2941 San Luis Rey Rd. Oceanside	Cal
Unison Products, Inc., 4	1634 Marion St. Grand Haven	Mich
United ElectroDynamics Inc., 1	200 Allendale Rd. Pasadena	Cal
Walkirt Co., 1	141 W. Hazel St, Inglewood 1	Cal
Wiley Electronic Products Co., 1	2045 W Cheryl Dr. Phoenix	Ariz
Winder Aircraft Corp., 1-2	Dunnellon Air Base, Dunnellon	Fla

COMPARATORS

1. CAPACITANCE
2. CIRCUIT-TESTING, AUTOMATIC
3. DIGITAL
4. IMPEDANCE
5. INDUCTANCE
6. PHASE
7. Q
8. RELUCTANCE, IRON-CORE
9. RESISTANCE, AUTOMATIC
10. VOLTAGE

See Also BRIDGES

ACF Electronics Div., 3	Riverdale	Md
A. O. I. P., 1-4-5-6	23 Pl. Jeanne d'Arc, Paris 13	Fr
Abacus, Inc., 3-10	3042 Overland Ave. Los Angeles	Cal
Adage, Inc., 3-10	292 Main St. Cambridge 42	Mass
Advance Components Ltd., 7	Roebuck Rd. Hainault, Ilford, Essex	Eng
Advanced Instrument Corp., 3	1475 Powell St. Emeryville 8	Cal
AD-YU ELECTRONICS LAB. INC., 6, Adv Pg 522	**249-259 Terhune Ave. Passaic**	**NJ**
Alto Scientific Co. Inc., 10	855 Commercial, Palo Alto	Cal
AMERICAN ELECTRONIC LABS. INC., 1-3, Adv Pg 362	**121 N 7th St. Philadelphia 6**	**Pa**
ANADEX INSTRUMENTS INC., 10, Adv Pg 435	**14734 Arminta St. Van Nuys**	**Cal**
Anchor Specialty Mfg. Co. Inc., 2-6	300 Hollister Rd. Teterboro	NJ
Applied Control Corp., 4-8-10	1000 Main St. Hackensack	NJ
APPLIED ELECTRONICS CORP. OF NJ, 3, Adv Pg 518	**22 Center St. Metuchen**	**NJ**
Applied Technology, Inc., 4	930 Industrial Ave. Palo Alto	Cal
ASSOCIATED RESEARCH, INC., 2-9, Adv Pg 218	**3788 W Belmont Ave. Chicago 18**	**Ill**
Astrosystems Inc., 5-6-10	220 E 23rd St. New York 10	NY
Automation Dynamics Corp., 2-9	255 County Rd. Tenafly	NJ
Autonetics Div. North Amer. Aviation Inc., 6	9150 E Imperial Hwy. Downey	Cal
BARNES DEVELOPMENT CO., 1-4-9-10, Adv Pg 414	**213 W Baltimore Pike, Lansdowne**	**Pa**
BECKMAN INSTRUMENTS INC. BERKELY DIV., 3, Adv Pgs 162, 163	**2200 Wright Ave. Richmond**	**Cal**
Benson-Lehner Corp., 3	1860 Franklin, Santa Monica	Cal

Bergen Labs. Inc., 2-3-10	60 Spruce St. Paterson 1	NJ
BOONTON RADIO CORP., 7, Adv Pg 202	50 Intervale Rd. Boonton	NJ
CEC Electronic Products, 1	Box 7...., San Diego 1	Cal
Calibration Standards Corp., 10	1025 Westminster Ave. Alhambra	Cal
Canadian Research Institute, 1-2-7-9-10	85 Curlew Dr. Don Mills	Ont
Clegg Laboratories, 4	Rt. 53, Mt. Tabor	NJ
Clippard Instrument Lab. Inc., 1-2	Box 88, Cincinnati 39	Ohio
Colite Electronics Co., 5-7	2909-49 N. 3rd St. Philadelphia 33	Pa
Communication Measurements Lab. Inc., 9	350 Leland Ave. Plainfield	NJ
Computer Control Co., Inc., 3	983 Concord St. Framingham	Mass
Consolidated Airborne Systems, 3	900 3rd Ave. New Hyde Park	NY
Consolidated Avionics Corp., 3-9-10	800 Shames Dr. Westbury	NY
Control Equipment Corp., 1	19 Kearney Rd. Needham Heights 94	Mass
Data-Control Systems, Inc., 3	E Liberty St. Danbury	Conn
Data Systems Dept. Norden Div. United Aircraft Corp., 3	3511 Harbor Blvd. Costa Mesa	Cal
Datex Corp., 3	1307 S Myrtle Ave. Monrovia	Cal
DAVENPORT MFG. DIV.-DUNCAN ELEC CO., 10, Adv Pg 451	2530-32 N Elston Ave. Chicago 47	Ill
Dawe Instruments Ltd., 4	Harlequin Ave. Brentford, Middx	Eng
Daystrom Inc. Control Systems Div., 10	4455 Miramar Rd. La Jolla	Cal
Decker Corp., 1	45 Monument Rd. Bala Cynwyd	Pa
Dentron Co., 10	23914 Charlotte Av. Rolling Hills Est.	Cal
Di/An Controls, Inc., 3	944 Dorchester Ave. Boston	Mass
Djeco, Div., Dordjevic Engrg Co., 10	1933 N. Damen, Chicago 47	Ill
Donner Scientific Co., 10	888 Galindo St. Concord	Cal
Dresser Electronics SIE Div., 3	10201 Westheimer Rd. Houston 42	Tex
Dwyer Engineering Co., Inc., 6	Airport Rd. Nashua	NH
Dymec, Div., Hewlett-Packard Co., 3	395 Page Mill Rd. Palo Alto	Cal
Dynamic Controls Co., 3	2225 Massachusetts Ave. Cambridge	Mass
Dytronics, 1-4-5-6-9	P.O. Box 3878, Columbus 14	Ohio
EMI Corp., 10	5177 Overland Ave. Culver City	Cal
EMI-Cossor Electronics Ltd., 7	Box 525 Dartmouth NS	Can
Edmund Scientific Co., 1	502 E. Gloucester Pike, Barrington	NJ
Electrada Corp., 2	11244 Playa St. Culver City	Cal
Electro Instruments, Inc., 3-4-9-10	8611 Balboa Ave. San Diego 11	Cal
Electro Logic Corp., 3-10	515 Boccaccio Ave. Venice	Cal
Electro Radiation Inc., 7	11916 W Pico Blvd. Los Angeles 64	Cal
ELECTRO SCIENTIFIC INDUSTRIES INC., 1-4-5-9, Adv Pg 424	7524 SW Macadam, Portland 19	Ore
Epsco Inc. Components Div., 3	275 Massachusetts Ave. Cambridge 39	Mass
Epsco Inc. Instruments Div., 3	275 Massachusetts Ave. Cambridge 39	Mass
ERIE-PACIFIC DIV. OF ERIE RESISTOR CORP., 3, Adv Pg 206	12932 S Weber Way, Hawthorne	Cal
Franklin Electronics Inc., 3	E 4th St. Bridgeport	Pa
FREED TRANSFORMER CO. INC., 1-4-5-9, Adv Pg 524	1736 Weirfield St. Brooklyn 27	NY
FRONTIER ELECTRONICS CO., 3, Adv Pg 193	4606 Memphis Ave. Cleveland 9	Ohio
GPE Controls, Inc., 10	240 E. Ontario St. Chicago 11	Ill
GENERAL APPLIED SCIENCE LABS. INC., 3, Adv Pg 525	Merrick & Stewart Aves. Westbury	NY
GENERAL DEVICES INC., 3-10, Adv Pg 518	Box 253, Princeton	NJ
General Dynamics Electronics, 2	100 Carlson Rd. Rochester 3	NY
General Electric Co. Light Military Electronics Dept., 3	French Rd. Utica	NY
General Microwave Corp., 4	47 Gazza Blvd. Farmingdale	NY
General Radio Co., 1-4-5-6-9	West Concord	Mass
Gerber Scientific Instrument Co., 3	89 Spruce St. Hartford 1	Conn
Gertsch Products, Inc., 3-4-5	3211 S La Cienega Blvd. Los Angeles 16	Cal
GRAY INSTRUMENT CO., 10, Adv Pg 480	644 Mill Rd. Andalusia	Pa
Hamilton Standard Div. United Aircraft Corp., 6-10	Broad Brook	Conn
HAYDON CO., A. W., 1-2-4-5-9-10, Adv Pgs 382, 383	4038 Ince Blvd. Culver City	Cal
H-S Instrument Div., Hickok Instrument Co., 3	4525 W. 16th St. Cleveland 35	Ohio
Indikon Co. Inc., 1	76 Coolidge Hill Rd. Watertown 72	Mass
Industrial Instruments, Inc., 1-4-9	89 Commerce Rd. Cedar Grove	NJ
INDUSTRIAL TEST EQUIPMENT CO., 1-2-4-5-6-9, Adv Pg 422	55 E 11th St. New York 13	NY
Inland Electronics Corp., 4-5	500 Rathbone Ave. Aurora	Ill
Instrument Corp. of Florida, 6	Box 1226, Melbourne	Fla
Itek Labs Div. Itek Corp., 3	10 Maguire Rd. Lexington 73	Mass
KEARFOTT DIV. GEN PRECISION INC., 3, Adv Pg 394	Little Falls	NJ
Leach Corp., 3	18435 Susana Rd. Compton	Cal
Librascope, Div. General Precision Inc., 2-3	808 Western Ave. Glendale	Cal
MARCONI INSTRUMENTS, 7 Adv Pgs 401, 402	111 Cedar Ln. Englewood	NJ
Markwell Corp. Pomona Div., 2-3	2709 N Garey Ave. Pomona	Cal
Marstan Electronics Corp., 9	294 Babylon Tnpk. Roosevelt	NY
Measurements Research Co., 2-10	3901 Castor Ave. Philadelphia	Pa
Microcell Electronics, 3	Blackwater, Nr. Camberley, Surrey	Eng
Midge Electronic Corp., 3	7620 NW 36 Ave. Miami 47	Fla
Mim-Pac, Inc., 3-10	7416-E Vama Ave. N. Hollywood	Cal
Mottetronics Div. Fisher Ind. Inc., 3-6-9-10	6344 Arizona Cir. Los Angeles 45	Cal
Moore Associates, Inc., 2-3	893 American St. San Carlos	Cal
Muirhead & Co., Ltd., 1-4-5-6-9	Beckenham, Kent, England	
NAVIGATION COMPUTER CORP., 3-10, Adv Pg 511	Valley Forge Ind Park, Norristown	Pa
NON-LINEAR SYSTEMS INC., 2-3-9-10, Adv Pgs 334, 335	Box 728, Del Mar	Cal
Norbatrol Electronics Corp., 10	356 Collins Ave. Pittsburgh 6	Pa
NORTH ATLANTIC INDUSTRIES INC., 4-6-10, Adv Pg 344	Terminal Dr. Plainview	NY
Optimized Devices, Inc., 2-9-10	864 Franklin Ave. Thornwood	NY
Ortronix, Inc., 2-3-9-10	Forsythe Rd. Dr. 8217, Orlando	Fla
Pacific Automation Products, Inc., 2-9-10	1000 Air Way, Glendale 1	Cal
Pacific Mercury Electronics, 10	8345 Hayvenhurst Ave. Sepulveda	Cal
PANORAMIC ELECTRONICS, INC., 4-6-7, Adv Pg 449	520 S Fulton Ave. Mt Vernon	NY
Pennsylvania Testing Lab., Inc., 1-4-5-9	Doylestown	Pa
Performance Measurements Co., 2-3	15120 3rd Ave. Detroit 3	Mich
PHILBRICK RESEARCHES INC., GEORGE A., 10, Adv Pg 166	127 Clarendon St. Boston 16	Mass
PHYSICS RESEARCH LABS. INC., 4, Adv Pg 478	Box 555, Hempstead	NY
PYRAMID ELECTRIC CO., 1, Adv Pg 433	Orange St. Darlington	SC
Radiation at Stanford, 3	3180 Hanover St. Palo Alto	Cal
Radio Condenser Co., 1	Davis & Copewood Sts. Camden 3	NJ
Radiometer, 1-5-7	72 Emdrupvej, Copenhagen NV 1	For
Regulators, Inc., 10	455 W Main St. Wyckoff	NJ
Reese Engineering Corp., 10	A & Courtland Sts. Phila 20	Pa
Research Industrial Labs. of Electronics, 10	Roslyn	Pa
RIBET DESJARDINS, 5, Adv Pgs 229-232	13-17 Rue Perier, Montrouge Seine	Fr
RIXON ELECTRONICS INC., 3-8, Adv Pg 412	2414 Reedie Dr. Silver Spring	Md
Rodale Electronics, 1-2-3-9-10	562 Grand Blvd. Westbury	NY
ROHDE & SCHWARZ, USA INC., 1, Adv Pg 403	Box 275, Passaic	NJ
Rotek Instrument Corp., 2-10	733 Concord Ave. Cambridge 38	Mass
SANDERS ASSOCIATES INC., 6, Adv Pg 380	95 Canal St. Nashua	NH
Slaughter Co., 2-4-9	Piqua 9	Ohio
Solartron, Inc., 6	1742 S Zeyn St. Anaheim	Cal
Sperry Microwave Electronics Co., 2-4-6	Box 1828, Clearwater	Fla
Stony Brook Labs., 1-3	55 State Rd. Princeton	NJ
Strempel Instrument Corp., 1-2-9	R. D. 1, Lake George	NY
Sunshine Scientific Instrument, 5-8	1810 Grant Ave. Philadelphia 15	Pa
Systron-Donner Corp., 3	950 Galindo St. Concord	Cal
Tally Register Corp., 3	1310 Mercer St. Seattle 9	Wash
TECHNOLOGY INSTRUMENT CORP OF ACTON, 6, Adv Pgs 84, 85	536 Main St. Acton	Mass
Telemetrics, Inc., 3	12927 S Budlong, Gardena	Cal
TEMPO INSTRUMENT INC., 10, Adv Pg 130	Commercial St. Hicksville	NY
Tenlo Research Corp., 2-3-10	1424 Lyndale Ave S, Minneapolis 20	Minn
Teradyne Inc., 1-9-10	87 Summer St. Boston 10	Mass
Thermovolt Instruments Ltd., 9-10	70 Advance Rd. Toronto 18	Ont
Theta Instrument Corp., 6	520 Victor St, Saddle Brook	NJ
TRANSISTOR SPECIALTIES, Adv Pg 325	Terminal Dr. Plainview	NY
TRIO LABORATORIES, INC., 2-10 Adv Pg 66	Plainview	NY
Unit Process Assemblies Inc., 9	53-15 37th Ave. Woodside 77	NY
Universal Instruments Corp., 1-4-5-9-10	139 E Frederick St. Binghamton	NY
Universal Mfg. Co., Inc., 5	1168 B Grove St, Irvington 11	NJ
Varian Associates, 4-6-10	611 Hansen Way, Palo Alto	Cal
Voltron Products Co., 10	1020 S Arroyo Pkwy. Pasadena	Cal
Wang Laboratories, Inc., 3	12 Huron Dr, Natick	Mass
Wayne Kerr Corp., 1-4-5	1633 Race St. Philadelphia 3	Pa
Wintronics, 6	213 S Hawthorne Blvd. Hawthorne	Cal

COMPARATORS –*COLOR* See COLORIMETERS
COMPARATORS –*DENSITY* See DENSITOMETERS
COMPARATORS –*SURFACE* See INDICATORS –*SURFACE ROUGHNESS*
COMPASSES –*GYRO, AIRCRAFT* See AIRCRAFT EQUIPMENT

COMPASSES –*GYRO, ELECTRONIC, SHIP*

A. O. I. P	23 Pl. Jeanne d'Arc, Paris 13	Fr
American Bosch Arma Corp.	320 Fulton Ave, Hempstead	NY
Bell Aerospace Corp	Box 1, Buffalo 5	NY
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	1 River Rd. Schenectady 5	NY
KEARFOTT DIV., GEN PRECISION INC., Adv Pg 394	Little Falls	NJ
Lear, Inc	3171 S. Bundy Dr., Santa Monica	Cal
MODEL ENG. & MFG. CORP., Adv Pg 480	50 Frederick St. Huntington	Ind
Power - Tronic Systems, Inc	10-12 Pine Ct. New Rochelle	NY
Siemon Mfg Co	Box 275, Wayne	Ill

COMPONENT CLAMPS See CLAMPS
COMPONENT CONTAINERS See BAFFLES: CABINETS: CANS: CASES: HOUSINGS
COMPONENT-HOLDING FIXTURES See FIXTURES –*HOLDING*
COMPONENT INSERTERS See MACHINES –*PRINTED-CIRCUIT PRODUCTION*

COMPONENTS –*PHOTO-ETCHED*

Allegri-Tech Inc	141 River Rd. Nutley 10	NJ
Bell Inc., F. W.	1356 Norton Ave. Columbus 12	Ohio
Cleveland Metal Specialties Co	1783 E 21st St. Cleveland 14	Ohio
Conductorlab, Inc	Groton	Mass
CURTISS WRIGHT CORP. INTERMTN. BR., Adv Pg 474	Box 8324, Albuquerque	NM
Dayton Rogers Mfg. Co.	2824 13th Ave. S. Minneapolis 7	Minn
Halex Inc	310 E Imperial Hwy. El Segundo	Cal
Ortronix, Inc	Forsythe Rd. Dr. 8217, Orlando	Fla
Ross Co., Milton	239 Jacksonville Rd. Hatboro	Pa
Rotary Devices Corp	30 Jay St. Englewood	NJ
Sibley Co	Hamden	Conn
Sierra Electric Corp	15100 S. Figueroa St, Gardena	Cal
Techniques, Inc	47 Jay St, Englewood	NJ

COMPONENTS –*PRINTED-CIRCUIT* See CAPACITOR DISKS: MODULES: TRANSFORMERS – R-F, *ETCHED WIRING*: RESISTORS –*PRINTED (FOR STANDARD COMPONENTS HAVING SPECIAL TERMINALS FOR INSERTION IN PRINTED WIRING BOARDS. SEE LISTINGS FOR DESIRED COMPONENTS)*
COMPOSITION CAPACITORS See CAPACITORS –*FIXED*
COMPOSITION RESISTORS See RESISTORS –*COMPOSITION*
COMPOUNDS –*CLEANING* See SOLVENTS
COMPOUNDS –*ENCAPSULATING* See RESINS –*ENCAPSULATING*

COMPOUNDS –*POTTING* See Also FOAMS: RESINS: SILICONES

Ameronda Chemical Co.	170 Broadway, New York 38	NY
Bacon Industries, Inc.	192 Pleasant St, Watertown 72	Mass
Boonton Molding Co.	Boonton	NJ
CARBORUNDUM CO. REFRACTORIES DIV., Adv Pgs 104, 105	Perth Amboy	NJ
Coast Pro-Seal & Mfg. Co.	2235 Beverly Blvd. Los Angeles	Cal
Compo Shoe Machinery Corp	Roberts Rd. Waltham 54	Mass
Dow Corning Corp	Midland	Mich
duPont de Nemours & Co. Inc., E. I.	Wilmington 98	Del
Electrada Corp	11244 Playa St. Culver City	Cal
Electronic Production & Development, Inc.	501 N Prairie Ave. Hawthorne	Cal
Foote Mineral Co	Rm 411, 18 W Chelten Ave, Phila 44	Pa
Hardman Co., Inc., H.V.	571 Cortlandt St, Belleville	NJ
Hi-Test Chemical Corp	722 64th St, Brooklyn 20	NY
Magic Chemical Co.	121 Crescent St. Brockton	Mass
Marblette Corp	37-31 30th St. Long Island City 1	NY
Metachem Resins Corp. Mereco Prod Div	530 Wellington Ave. Cranston 10	RI
Minnesota Mining & Mfg Co. Electrical Tapes	900 Bush Ave. St Paul 6	Minn
Mitchell Rand Mfg. Corp.	51 Murray St, New York 7	NY
Mosness Products Inc	1916 Indiana St. Racine	Wis
Norton Co	1 New Bond St. Worcester 6	Mass
Plastics Div. Allied Chem. Corp	40 Rector St. New York 6	NY
Plastronic Engineering Co	721 Boston Post Rd, Marlborough	Mass
RESDEL CORP. Adv Pg 519	Box 217, Rio Grande	NJ
Ross Co., Milton	239 Jacksonville Rd. Hatboro	Pa
Sierra Electric Corp	15100 S. Figueroa St. Gardena	Cal
Zophar Mills, Inc	115 26th St. Brooklyn 32	NY

COMPUTER PARTS & ASSOCIATED EQUIPMENT See ACCUMULATORS: ADDERS: AMPLIFIERS –*COMPUTER* AMPLIFIERS – D-C AMPLIFIERS – *PULSE* AMPLIFIERS –*SERVO* ANALYZERS –*DIFFERENTIAL* BAYS – *PATCH* BOARDS –*PLOTTING: PLUG & PATCH: PROBLEM* CABLES – *PATCH CORD* CAMS & GEARS CLOCKS –*COMPUTER* COMMUTATORS – *SWITCHING* CONSOLES –*COMPUTER CONTROL* CONVERTERS – *ANALOG-TO-DIGITAL* CONVERTERS –*DIGITAL-TO-ANALOG* CONVERTERS –*POLAR-TO-RECTANGULAR COORDINATE* CONVERTERS –*PULSE-TO-ANALOG* CONVERTERS –*PUNCHED-CARD-TO-TAPE* CONVERTERS –*TAPE-TO-PUNCHED-CARD* CONVERTERS –*TAPE-TO-TAPE, CODE-CHANGING* CORES –*FERRITE* COUNTERS –*ELECTRONIC* DECODERS: DELAYS: DEMODULATORS: ENCODERS: GENERATORS –*FUNCTION* HEADS –*RECORDING* INDICATORS –*DIGITAL* INTEGRATORS: MEMORIES: MODULES –*ACTIVE:* MULTIPLIERS PERFORATORS –*COMPUTER TAPE* PLOTTERS –*DIGITAL* POTENTIOMETERS –*PRECISION* POWER SUPPLIES – *D-C OUTPUT* PRINTERS –*DIGITAL* PRINTERS –*HIGH-SPEED* PRINTERS –*KEYBOARD (ELECTRIC TYPEWRITER MODIFIED FOR COMPUTER USE)* PRINTERS – *LINE* PROGRAMMERS: READERS: RECORDERS –*GRAPHIC, MULTICHANNEL* RECORDERS –*X-Y* REGISTERS –*SHIFT* RESOLVERS: SIMULATORS: TACHOMETERS: TAPE DECKS: TAPES –*MAGNETIC RECORDING* TAPES –*PAPER* TESTERS –*COMPUTER* TESTERS –*MEMORY-CORE* TOTALIZERS –*DIGITAL* TUBES –*CATHODE-RAY, DATA-STORAGE* TUBES –*CATHODE-RAY, SHAPED-BEAM* VOLTMETERS –*DIGITAL*

COMPUTERS –*GENERAL-PURPOSE*
1. ANALOG 2. DIGITAL

ACF Electronics Div., 1	Riverdale	Md
Abacus, Inc., 2	3042 Overland Ave. Los Angeles	Cal
Addressograph-Multigraph Corp. Electronics Div., 2	1200 Babbitt Rd. Cleveland 17	Ohio
Airmec Ltd., 1	High Wycombe, Buckinghamshire, England	
Airtronics, Inc., 1-2	5522 Dorsey Ln. Washington 16	DC
Alwac Computer Div., El-Tronics, Inc., 2	13040 S. Cerise, Hawthorne	Cal
Ampex Computer Products Co., 2	Box 329, Culver City	Cal
Analogue Controls Inc., 1-2	200 Frank Rd. Hicksville	NY
Applied Control Corp., 1	1000 Main St. Hackensack	NJ
Applied Dynamics, Inc., 1	Box 612, Ann Arbor	Mich
APPLIED ELECTRONICS CORP. OF NJ. 1-2, Adv Pg 518	22 Center St. Metuchen	NJ
Autonetics, Div., North American Aviation, Inc.,2	9150 E. Imperial Hwy, Downey	Cal
Bailey Meter Co., 1	1050 Ivanhoe Rd. Cleveland 10	Ohio
BECKMAN INSTRUMENTS INC. BERKELEY DIV., 1, Adv Pgs 162, 163	2200 Wright Ave. Richmond	Cal
Bell & Gossett Co., 1	8200 N. Austin Ave, Morton Grove	Ill
Belock Instrument Corp., 1	112-03 14th Ave. College Point	NY
Bendix Corp. Computer Div., 2	5630 Arbor Vitae St. Los Angeles 45	Cal
BOWMAR INSTRUMENT CORP., 1, Adv Pg 36	8000 Bluffton Rd. Ft Wayne	Ind
Budd Electronics Inc., 2	43-22 Queen St. Long Island City	NY
California Technical Industries, 1	1421 Old County Rd. Belmont	Cal
Canadian Aviation Electronics Ltd., 1-2	Box 2000, Montreal 9	P.Q.
Chance Vought Corp. Vought Electronics Div.,1-2	Box 1500, Arlington	Tex
Clary Corp., 2	408 Junipero St. San Gabriel	Cal
Computer Control Co., Inc., 2	983 Concord St, Framingham	Mass
Computer Engineering Associates, 1	350 N Halstead, Pasadena	Cal
Computers Inc., 1	3407 S Shepherd Dr. Houston 6	Tex
Computing Devices of Canada, Ltd., 2	P.O. Box 508, Ottawa, Ontario, Canada	
Consolidated Airborne Systems, 1-2	900 3rd Ave. New Hyde Park	NY
Consolidated Controls Corp., 2	Box 3308, Albuquerque	NM
Control Corp., 2	718 Central Ave. Minneapolis 14	Minn
Control Technology Co., 1	1186 Broadway, New York 1	NY
CURTISS-WRIGHT CORP. ELECTRONICS DIV., 1-2, Adv Pg 473	35 Market St. E Paterson	NJ
CURTISS WRIGHT CORP. INTERMTN. BR., 2, Adv Pg 474	Box 8324, Albuquerque	NM
Data Equipment Co., 1-2	923 E. 3rd St, Los Angeles 13	Cal
Daystrom Inc. Control Systems Div., 1-2	4455 Miramar Rd. La Jolla	Cal
Daystrom Inc. Military Elec. Div., 2	Archbald	Pa
Delco Radio Div. GMC, 2	700 E Firmin St. Kokomo	Ind
Digital Equipment Corp., 2	Maynard	Mass
Djeco, Div., Dordjevic Engrg Co., 1-2	1933 N. Damen, Chicago 47	Ill
Donner Scientific Co., 1	888 Galindo St. Concord	Cal
Electronic Associates, 1	Long Branch	NJ
El-Tronics Inc., 2	20 S. 15th St, Philadelphia 2	Pa
Emerson Electric Mfg. Co., 1-2	8100 Florissant Ave, St. Louis 36	Mo
Ensco, Inc., 1	3,00 Elbridge St, Salt Lake City	Utah
Epsco Inc. Instruments Div., 1	275 Massachusetts Ave. Cambridge 39	Mass
Epsco-West, 1-2	240 E. Palais Rd, Anaheim	Cal
Evershed & Vignoles Ltd., 1	Chiswick, London W. 4, England	
Feedback Controls Inc., 1-2	8 Erie Drive, Natick	Mass
Ferranti Electric Inc., 2	Industrial Park #1, Plainview	NY
Fischer & Porter Co., 1-2	476 Warminster Rd, Warminster	Pa
FUJI TSUSHINKI SEIZO K.K., 2, Adv Pg 259	2, 3-Chome, Marunouchi Chiyoda-ku Tokyo	Jap
GPS Instrument Co., Inc., 1	180 Needham St. Newton 64	Mass
Garrett Corp., The, 1	9851 Sepulveda Blvd, Los Angeles 45	Cal
General Computers, Inc., 1	5900 W. Pico Blvd, Los Angeles 35	Cal
General Dynamics Electronics, 1-2	100 Carlson Rd. Rochester 3	NY
GENERAL ELECTRIC CO. APPARATUS SALES, 1-2, Adv Pgs 8, 9	1 River Rd. Schenectady 5	NY
General Electric Co., Computer Dept., 2	Phoenix	Ariz
General Electric Co. Heavy Military Electronics Dept., 1-2	Court St. Syracuse	NY
General Electric Co. Light Military Electronics Dept., 1-2	French Rd. Utica	NY
General Mills, Inc., 2	1620 Central Ave. Minneapolis 13	Minn
General Radio Co., 2	West Concord	Mass
Genisys Corp., Sub. Chance Vought, 2	10131 National Blvd, Los Angeles 34	Cal
Giannini Controls Corp., 1-2	1600 S Mountain Ave. Duarte	Cal
Gilfillan Bros., Inc., 1-2	1815 Venice Blvd, Los Angeles 6	Cal
Gilmore Industries, Inc., 1	13015 Woodland Ave. Cleveland 20	Ohio
Heath Co. A Sub of Daystrom, Inc., 1	Benton Harbor	Mich
HOWELL INSTRUMENTS INC., 1-2, Adv Pg 358	3479 W Vickery Blvd. Fort Worth 7	Tex
ITT Federal Labs Div. ITT Corp., 1-2	500 Washington Ave. Nutley	NJ

KEARFOTT DIV., GEN PRECISION INC., 1-2, Adv Pg 394	Little Falls	NJ
Kellogg Switchboard & Supply Co., 1-2	6650 S. Cicero Ave, Chicago 39	Ill
Lear Inc., 1-2	3171 S Bundy Dr, Santa Monica	Cal
Leeds & Northrup Co., 1-2	4970 Stenton Ave, Philadelphia 44	Pa
Librascope Div. General Precision, Inc., 1-2	808 Western Ave, Glendale 1	Cal
Link Div. Gen. Precision Inc., 1	Binghamton	NY
MAGNETIC AMPLIFIERS DIV. SIEGLER CORP., 1-2, Adv Pg 295	632 Tinton Ave. New York 55	NY
Marquardt Corp. Pomona Div., 1	2709 N Garey Ave. Pomona	Cal
Melcor Electronics Corp., 1-2	48 Toledo St. Farmingdale	NY
Milgo Electronic Corp., 1	7620 NW 36 Ave. Miami 47	Fla
Minn-Honeywell, Electronic Data Processing Div., 2	60 Walnut St. Wellesley Hills 81	Mass
MNEMOTRON CORP., 1, Adv Pg 445	45 S Main St. Pearl River	NY
MODEL ENG. & MFG. CORP., 1-2, Adv Pg 480	50 Frederick St. Huntington	Ind
National Cash Register Co., 2	S. Main at K St. Dayton 9	Ohio
Norden Div. United Aircraft Corp., 1	Helen St. Norwalk	Conn
Nortronics, Div Northrop Corp., 1-2	222 N Prairie Ave. Hawthorne	Cal
Nugent Electronics Co. Inc., 2	802 E 8th St. New Albany	Ind
OKI ELECTRIC INDUSTRY CO. LTD., 2, Adv Pg 257	10 Shiba Takahama-cho Minato-ku, Tokyo	Jap
Packard Bell Computer Corp., 2	1905 Armacost Ave. Los Angeles 25	Cal
PENNWOOD NUMECHRON CO., 2 Adv Pg 550	7249 Frankstown Ave. Pittsburgh 8	Pa
PHILBRICK RESEARCHES INC., GEORGE A., 1, Adv Pg 166	127 Clarendon St. Boston 16	Mass
Philco Corp., Gov't & Ind'l Div., 2	4700 Wissahickon Ave, Philadelphia 44	Pa
Radio Corp. of America, Defense Electronic Prods. 1-2	Bldg. 15-2 Camden	NJ
Ransom Research, Inc., 1-2	Box 269, San Pedro	Cal
Rediffon Ltd., 1-2	Broomhill Rd. Wandsworth, London SW18	Eng
Reeves Instrument Corp., 1	Roosevelt Field, Garden City	NY
Remington Rand Univac Div. Sperry Rand Corp., 2	315 Park Ave. S, New York 10	NY
Rescon Electronics Corp., 2	151 Bear Hill Rd. Waltham 54	Mass
Royal McBee Corp., 2	Westchester Ave, Port Chester	NY
Ryan Electronics Div. Ryan Aero. Co., 1-2	5650 Kearny Mesa Rd. San Diego 12	Cal
Seiscor Div. Seismograph Service Corp., 1	6200 E 41 St. Tulsa	Okla
SERVO CORP OF AMERICA, 1-2, Adv Pg 314	111 New South Rd. Hicksville	NY
Servo Development Corp., 1	2 Willis Ct. Hicksville	NY
Servomechanisms/Inc., 1-2	200 N Aviation Blvd. El Segundo	Cal
Servonics, Inc., 1	822 N. Henry St, Alexandria	Va
Solartron, Inc., 1	1742 S. Zeyn St, Anaheim	Cal
Stratton Engineering, Inc., 2	P.O. Box 1717, Melbourne	Fla
Sperry Gyroscope Co. Div. Sperry Rand Corp., 1-2	Great Neck	NY
Standard Tel. & Cables Ltd., 2	29 Glasshouse Yard, London	Eng
Stone Laboratories, Inc., 2	1312 Tremont St. Boston 20	Mass
Stony Brook Labs., 1-2	55 State Rd. Princeton	NJ
Straza Industries, 1-2	790 Greenfield Dr. El Cajon	Cal
Tanner & Dinsdon, Div., Land-Air, Inc., 1	4751 N. Olcott Ave, Chicago	Ill
Tarc Electronics Div. Gotham Bdcstg Corp., 2	48 Urban Ave. Westbury	NY
Technitrol Engineering Co., 2	1952 E. Allegheny Ave, Philadelphia 34	Pa
Telechrome Mfg Corp., 2	185 Dixon Ave. Amityville	NY
Telecomputing Corp., 1-2	915 N. Citrus Ave, Hollywood	Cal
Teleregister Corp., 2	445 Fairfield Ave. Stamford	Conn
Topp Industries, Inc., 1	5221 W. 102 St, Los Angeles 45	Cal
U.S. Science Corp., 1	5221 W. 102nd St, Los Angeles 45	Cal
Victor Adding Machine Co., 2	3900 N Rockwell St. Chicago 18	Ill
Westinghouse-Electronics Div., 1-2	Baltimore	Md
Whitehall Electronics Corp., 1-2	1645 Hennepin Ave. Mnpls 3	Minn

COMPUTERS –SPECIAL

1. FIRE CONTROL
2. NAVIGATION, AIRCRAFT
3. NAVIGATION, SHIP
4. PROCESS CONTROL
5. STATISTICAL, ANALOG

ACF Electronics Div., 5	Riverdale	Md
A R & D A, 4-5	135 Main St. Belleville 9	NJ
Abacus, Inc., 3-4	3142 Overland Ave. Los Angeles	Cal
Acoustica Associates, Inc., 4	10400 Aviation Blvd. Los Angeles 45	Cal
Adage, Inc., 4-5	292 Main St. Cambridge 42	Mass
Allegheny Plastics Inc., 1-2-3	10 Thorn Run Rd. Coraopolis	Pa
American Bosch Arma Corp., 1	320 Fulton Ave. Hempstead	NY
American Hydromath Corp., 1-3-5	24-20 Jackson Ave. Long Island City 1	NY
Applied Control Corp., 4	1000 Main St. Hackensack	NJ
Applied Dynamics, Inc., 4	Box 612, Ann Arbor	Mich
APPLIED ELECTRONICS CORP. OF NJ, 4, Adv Pg 518	22 Center St. Metuchen	NJ
Automation Dynamics Corp., 4	255 County Rd. Tenafly	NJ
Automation Management, Inc., 4-5	Westboro 2	Mass
Autonetics Div. North Amer. Aviation Inc., 1-2-3-4	9150 E Imperial Hwy. Downey	Cal
Avco Corp., Crosley Div., 1	1329 Arlington St, Cincinnati 25	Ohio
Avco Corp. Electronics & Ordnance Div., 4-5	Box 116, Cincinnati 15	Ohio
Avien, Inc., 1-2	58-15 Northern Blvd. Woodside 77	NY
Bailey Meter Co., 4	1050 Ivanhoe Rd, Cleveland 10	Ohio
Belock Instrument Corp., 2-3-4-5	112-03 14th Ave. College Point	NY
BOWMAR INSTRUMENT CORP., 5, Adv Pg 36	8000 Bluffton Rd. Ft Wayne	Ind
Briggs Div. Drexel Dynamics Corp., 4	10 De Kalb St. Norristown	Pa
Budd Electronics Inc., 1-2-3-4	43-22 Queen St. Long Island City	NY
California Computer Products, Inc., 1-2-3	8714 Cleta St. Downey	Cal
Canadian Applied Research Ltd., 2	750 Lawrence Ave W. Toronto 19	Can
Canadian Aviation Electronics Ltd., 1-2-3-4-5	Box 2030, Montreal 9	P.Q.
Canadian Marconi Co., 2	2444 Trenton Ave. Montreal	Que
Cauldon Electronics Inc., 5	65 Rushmore St. Westbury	NY
Chance Vought Corp. Vought Electronics Div., 2-5	Box 1500, Arlington	Tex
Clary Corp., 4	408 Junipero St. San Gabriel	Cal
CLIFTON PRECISION PRODUCTS CO. INC., 2, Adv. Pgs. 242, 243	Marple at Bwy. Clifton Heights	Pa
Command Systems Inc., 1	1135 N Stanford Ave. Los Angeles 59	Cal
Communications Control Corp., 4	14707 Keswick St. Van Nuys	Cal
Computer Control Co., Inc., 4	983 Concord St, Framingham	Mass
Computer Techniques Inc., 1-2-3-4	3300 Northern Blvd. Long Island City 1	NY
Computrs Inc., 1-4-5	3407 S Shepherd Dr. Houston 6	Tex
Computing Devices of Can. Ltd., 2	Box 508, Ottawa, Ont.	Can
Consolidated Avionics Corp., 1-2-3-4-5	800 Shames Dr, Westbury	NY
Consolidated Controls Corp., 4	Box 3308, Albuquerque	NM
Control Corp., 4	718 Central Ave. Minneapolis 14	Minn
Control Equipment Corp., 4	19 Kearney Rd. Needham Heights 94	Mass
Cook Technological Center, 1	6401 Oakton St, Morton Grove	Ill
CURTISS-WRIGHT CORP. ELECTRONICS DIV., 1-2-3, Adv Pg 473	35 Market St. E Paterson	NJ
Dage Div Thompson Ramo Wooldridge, Inc., 4	Michigan City	Ind
Data Equipment Co., 1-2-3-4-5	923 E. 3rd St, Los Angeles 13	Cal
Data Systems Dept. Norden Div. United Aircraft Corp., 4	3501 Harbor Blvd. Costa Mesa	Cal
Daystrom, Inc., Control System Div., 4	4455 Miramar Rd, La Jolla	Cal
Daystrom Inc. Military Elec. Div., 1-2-3-4	Archbald	Pa
Di/An Controls, Inc., 4	944 Dorchester Ave. Boston	Mass
Digitool Corp., 4	5300 Brownway Rd. Houston 27	Tex
Donner Scientific Co., 3-4	888 Galindo St. Concord	Cal
Dresser Electronics SIE Div., 1-2	10201 Westheimer Rd. Houston 42	Tex
EMI-Cossor Electronics Ltd., 4	Box 525 Dartmouth NS	Can
ECLIPSE PIONEER DIV. BENDIX CORP., 1-2-3-4, Adv Pgs 354, 355	Teterboro	NJ
ELECTRO SCIENTIFIC INDUSTRIES INC., 5, Adv Pg 424	7524 SW Macadam, Portland 19	Ore
Electrodynamic Instrument Corp., 4	1841 Old Spanish Trail, Houston 25	Tex
Electronic Associates Inc., 1-2-3-4	Long Branch	NJ
Electronic Controls Inc., 2-4	66 Southfield Ave. Stamford	Conn
Emerson Electric Mfg. Co., 1	8100 Florissant Ave, St. Louis 36	Mo
EMPIRE SERVICES, 5, Adv Pg 484	4D-3, Skaneateles	NY
Epsco, Inc. Systems Div., 4	275 Mass. Ave. Cambridge 39	Mass
Epsco-West, 1-4	240 E. Palais Rd, Anaheim	Cal
Fay Co., Neil, 2	133 La Patera Ave. Goleta	Cal
Feedback Controls Inc., 2-3-4	8 Erie Drive, Natick	Mass
Fischer & Porter., 4	476 Warminster Rd, Warminster	Pa
Flame Research Inc., 1	Box 10502, Pittsburgh 35	Pa
Flight Research, Inc., 2	Box 1-F, Richmond 1	Va
Ford Instrument Co., Div., Sperry Rand Corp., 1-2-3	31-10 Thomson Ave, Long Island City 1	NY
Foxboro Co., The, 4-5	Foxboro	Mass
FUJI TSUSHINKI SEIZO K.K., 4, Adv Pg 259	2, 3-Chome, Marunouchi Chiyoda-ku Tokyo	Jap
GPE Controls, Inc., 3-4	240 E. Ontario St, Chicago 11	Ill
GPL Div., General Precision, Inc., 2	63 Bedford Rd, Pleasantville	NY
GPS Instrument Co., Inc., 5	180 Needham St, Newton 64	Mass
GENERAL APPLIED SCIENCE LABS. INC., 1-2-3-4, Adv Pg 525	Merrick & Stewart Aves. Westbury	NY
General Electric Co. Heavy Military Electronics Dept., 3	Court St, Syracuse	NY
General Electric Co., Light Military Electronics Dept., 1-2	French Rd, Utica	NY
General Electric Co. Ordnance Dept., 1-3	100 Plastics Ave. Pittsfield	Mass
General Mills, Inc., 4	1620 Central Ave. Minneapolis 13	Minn
Genisys Corp., Sub, Chance Vought, 4	10131 National Blvd, Los Angeles 34	Cal
Gilfillan Bros. Inc., 2-5	1815 Venice Blvd. Los Angeles 6	Cal
Goodyear Aircraft Corp., 4	1210 Massillon Rd, Akron 15	Ohio
Hughes Microwave Components Div., 1-2	Florence & Teale, Culver City	Cal
Huyck Systems Co., 2-3	360 Wolf Hill Rd. Huntington Sta	NY
IBM Federal Systems Div., 1-2	1120 Conn. Ave. Washington 6	DC
Industrial Control Co., 1	Central Ave. at Pinelawn, Farmingdale	NY
Industrial Nucleonics Corp., 4	650 Ackerman Rd, Columbus 2	Ohio
Interstate Electronics Corp., 4	707 E Vermont Ave. Anaheim	Cal
KEARFOTT DIV. GEN PRECISION INC., 1-2-4, Adv Pg 394	Little Falls	NJ
Kollsman Instrument Corp Sub Standard Kollsman Inc Inc., 2	80-08 45th Ave. Elmhurst 73	NY
Laboratory For Electronics, Inc., 2	1079 Commonwealth Ave. Boston 15	Mass
Land-Air, Inc., 1-2	7444 W. Wilson Ave, Chicago 31	Ill
Lear, Inc., 2	3171 S. Bundy Dr, Santa Monica	Cal
Leeds & Northrup Co., 4	4970 Stenton Ave, Philadelphia 44	Pa
Librascope, Div. Gen. Precision Inc., 1-2-3-4-5	808 Western Ave. Glendale	Cal
Link Div. Gen. Precision Inc., 4	Binghamton	NY
Lockheed Electronics Co., Info Tech Div., 4	Metuchen	NJ
Lockheed Electronics Co. Military Sys Div., 1-2	US Hwy. 22, Plainfield	NJ
Loral Electronics Corp., 1-2-3	825 Bronx River Ave. New York 72	NY
McDonnell Aircraft Co., 2	Box 516, St Louis 66	Mo
MacLaren & Co. Inc., F. B., 1-4	15 Stepar Pl. Huntington Station	NY
Magnavox Co., 1-2	2131 Bueter Rd. Fort Wayne 4	Ind
MAGNETIC AMPLIFIERS DIV. SIEGLER CORP., 4-5, Adv Pg 295	632 Tinton Ave. New York 55	NY
Marconi's Wireless Telegraph Co. Ltd., 2	750 3rd Ave. New York 17	NY
Marquardt Corp. Pomona Div., 1-2	2709 N Garey Ave. Pomona	Cal
Mauson Electronics Corp., 1-2-3	475 10th Ave. New York 18	NY
Melcor Electronics Corp., 2	48 Toledo St. Farmingdale	NY
Micro Gee Products, Inc., 4	6319 W Slauson Ave. Culver City	Cal
Minn-Honeywell, Military Prods Gr., 1-2-3	2600 Ridgway Rd. Minneapolis 13	Minn
Minn-Honeywell, Special Systems Div., 4-5	Queen & S Bailey St. Pottstown	Pa
MODEL ENG. & MFG. CORP., 2, Adv Pg 480	50 Frederick St. Huntington	Ind
Molectronics Div. Midec Ind. Inc., 2-3-4-5	6344 Arizona Cir. Los Angeles 45	Cal
NASH & HARRISON LTD., 4 Adv Pg 526	1355 Wellington St. Ottawa	Ont
NAVIGATION COMPUTER CORP., 1-4, Adv Pg 511	Valley Forge Ind Park, Norristown	Pa
Norden Div. United Aircraft Corp., 4	Helen St. Norwalk	Conn
Northrop Corp., 1-2-3	1001 E. Broadway, Hawthorne	Cal
OKI ELECTRIC INDUSTRY CO. LTD., 5, Adv Pg 257	10 Shiba Takahama-cho Minato-ku, Tokyo	Jap
Olympic Radio & TV Div. Siegler Corp., 2-4	34-01 38 Ave. Long Island City 1	NY
Ortronix, Inc., 4	Forsythe Rd. Dr. 8217, Orlando	Fla
Packard Bell Computer Corp., 4	1905 Armacost Ave. Los Angeles 25	Cal
Performance Measurements Co., 4	15120 3rd Ave. Detroit 3	Mich
PHILBRICK RESEARCHES INC., GEORGE A., 4-5, Adv Pg 166	127 Clarendon St. Boston 16	Mass
Philco Corp., Gov't & Ind'l Div., 1-2-4	4700 Wissahickon Ave, Philadelphia 44	Pa
Power - Tronic Systems, Inc., 1-2-3-4-5	10-12 Pine Ct. New Rochelle	NY
PRECISION PRODUCTS DEPT. NORTRONICS DIV. NORTHROP CORP., 1-2, Adv Pg 240	100 Morse St. Norwood	Mass
RMC Associates, Inc., 1-2	805 Mamaroneck Ave. Mamaroneck	NY
Radio Corp. of America, Defense Electronic Prods. 1-2-3	Bldg. 15-2 Camden	NJ
Rediffon Ltd., 2	Broomhill Rd. Wandsworth, London SW18	Eng
Reeves Instrument Corp., 1-3-4	Roosevelt Field, Garden City	NY
Rescon Electronics Corp., 4	151 Bear Hill Rd. Waltham 54	Mass
Research Inc., 4	Box 6164, Edina Br. Mpls 24	Minn
Ryan Electronics Div. Ryan Aero. Co., 2-3-5	5650 Kearny Mesa Rd. San Diego 12	Cal
SERVO CORP OF AMERICA, 2-3, Adv Pg 314	111 New South Rd. Hicksville	NY
Servo Development Corp., 1-2	2 Willis Ct. Hicksville	NY
Servomechanisms/Inc., 1-2-5	200 N Aviation Blvd. El Segundo	Cal
Servomex Controls Ltd., 4	Crowborough, Sussex	Eng
Sierra Research Corp., 1-3	Box 22, Buffalo 21	NY
Solartron, Inc., 2-3	1742 S. Zeyn St, Anaheim	Cal
Space Electronics Corp., 5	930 Air Way, Glendale 1	Cal
Sperry Gyroscope Co. Div. Sperry Rand Corp., 1-2-3	Great Neck	NY
Sperry Phoenix Co. Div. Sperry Rand Corp., 2	21111 N 19th Ave. Phoenix 27	Ariz
Stone Laboratories, Inc., 4	1312 Tremont St. Boston 20	Mass
Stony Brook Labs., 1-2-3-4-5	55 State Rd. Princeton	NJ
TRW Computers Co., 4	8433 Fallbrook Ave. Canoga Park	Cal
Technitrol Engineering Co., 4	1952 E Allegheny Ave. Phila. 34	Pa
Telecomputing Corp., 4-5	915 N Citrus Ave. Hollywood	Cal
Tenlo Research Corp., 4	9424 Lyndale Ave S., Minneapolis 20	Minn
Texas Instruments Incorporated, Apparatus Div. Ind Prods Gr., 4	3609 Buffalo Spdwy. Houston 6	Tex
Thompson Ramo Wooldridge Inc. Tapco Group, 2-4	23555 Euclid Ave. Cleveland 17	Ohio
Topp Industries, Inc., 2	5221 W. 102 St, Los Angeles 45	Cal
U.S. Science Corp., 1-2	5221 W. 102nd St, Los Angeles 45	Cal
Walkirt Co., 4	141 W Hazel St. Inglewood 3	Cal
Welex Electronics Corp., 2-3	1000 16th St. NW, Washington	DC
Westinghouse-Electronics Div., 1-3	Baltimore	Md

COMPUTING SERVICES

1. ANALOG 2. DIGITAL

Adage, Inc., 1-2	292 Main St. Cambridge 42	Mass
Allied Research Associates Inc., 1-2	43 Leon St. Boston 15	Mass
Alwac Computer Div., El-Tronics, Inc., 2	13040 S. Cerise, Hawthorne	Cal
Applied Dynamics, Inc., 1	Box 612, Ann Arbor	Mich
Atlantic Research Corp., 2	Shirley Hwy. at Edsall Rd. Alexandria	Va
Baird-Atomic Inc., 2	33 University Rd. Cambridge 38	Mass
Bell & Gossett Co., 1	8200 N. Austin Ave, Morton Grove	Ill
Belock Instrument Corp., 1-2	112-03 14th Ave. College Point	NY
Benson-Lehner Corp., 1-2	1860 Franklin, Santa Monica	Cal
Boonshaft & Fuchs, Inc., 1	Hatboro Ind Park, Hatboro	Pa
Briggs Div. Drexel Dynamics Corp., 1-2	10 De Kalb St. Norristown	Pa
C.E.I.R., Inc., 2	1200 Jefferson Davis Hwy, Arlington 2	Va
Canadian Aviation Electronics Ltd., 1-2	Box 2030, Montreal 9	P.Q.
Chance Vought Corp. Vought Electronics Div., 1-2	Box 1500, Arlington	Tex
CompuDyne Corp., 1	401 S. Warminster Rd, Hatboro	Pa
Computer Engineering Associates, 1	350 N Halstead, Pasadena	Cal
Computer Sciences, Inc., 1-2	618 Main St. Westbury	NY
Computing Devices of Canada, Ltd., 2	P.O. Box 508, Ottawa, Ontario, Canada	
Cook Technological Center, 1-2	6401 Oakton St, Morton Grove	Ill
Detecto Scales, Inc., 1-2	540 Park Ave. Brooklyn	NY
Di/An Controls, Inc., 1-2	944 Dorchester Ave. Boston	Mass
Digital Equipment Corp., 2	Maynard	Mass
Digital Instrument Labs., 1-2	152 S. Atlantic Blvd, Los Angeles	Cal
Douglas Aircraft Co., Inc., 1-2	3000 Ocean Park Ave, Santa Monica	Cal
EMI-Cossor Electronics Ltd., 1-2	Box 525 Dartmouth NS	Can
Electro Logic Corp., 2	515 Boccaccio Ave. Venice	Cal
Electronic Associates, Inc., 1	Long Branch	NJ
El-Tronics Inc., 2	21 S. 15th St, Philadelphia 2	Pa
Engineer-Design & Development Co., 1-2	60 Pennington St. Newark 2	NJ
Epsco, Inc. Systems Div., 2	275 Mass. Ave. Cambridge 39	Mass
Flame Research Inc., 1-2	Box 10502, Pittsburgh 35	Pa
Ford Instrument Co. Div. Sperry Rand Corp., 1-2	31-10 Thomson Ave. Long Island City 1	NY
GPS Instrument Co., Inc., 1	180 Needham St, Newton 64	Mass
Garrett Corp., The, 1	9851 Sepulveda Blvd, Los Angeles 45	Cal
General Electric Co., Computer Dept., 2	Phoenix	Ariz
General Kinetics, Inc., 2	2611 Shirlington Rd. Arlington 6	Va
Gerst & Co., Paul E., 2	4868 N Clark, Chicago 40	Ill
Goodyear Aircraft Corp., 1-2	1210 Massillon Rd, Akron 15	Ohio
HRB-Singer, Inc., 1-2	Science Park, State College	Pa
HOWELL INSTRUMENTS INC., 1-2, Adv Pg 358	3479 W Vickery Blvd. Fort Worth 7	Tex
IBM Federal Systems Div., 2	1120 Conn. Ave. Washington 6	DC
Librascope Div., General Precision, Inc., 1-2	808 Western Ave, Glendale 1	Cal
McDonnell Aircraft Co., 1-2	Box 516, St Louis 66	Mo
Marquardt Corp. Pomona Div., 1	2709 N Garey Ave. Pomona	Cal
Martin Co., 1-2	Mail No. G3037, Baltimore 3	Md
Minn-Honeywell, Electronic Data Processing Div., 2	60 Walnut St. Wellesley Hills 81	Mass
Minn-Honeywell, Military Prods Gr., 1-2	2600 Ridgway Rd. Minneapolis 13	Minn
Minn-Honeywell, Special Systems Div., 1-2	Queen & S Bailey St. Pottstown	Pa
Missouri Research Labs., Inc., 1	2109 Locust St, St. Louis 3	Mo
MODEL ENG. & MFG. CORP., 1-2, Adv Pg 480	50 Frederick St. Huntington	Ind
National Cash Register Co., 2	S Main at K St. Dayton 9	Ohio
Norden Div. United Aircraft Corp., 1-2	Helen St. Norwalk	Conn
Northrop Corp., 1-2	1001 E. Broadway, Hawthorne	Cal
Nugent Electronics Co. Inc., 2	802 E 8th St. New Albany	Ind
PENNWOOD NUMECHRON CO., 2 Adv Pg 550	7249 Frankstown Ave. Pittsburgh 8	Pa
PHILBRICK RESEARCHES INC., GEORGE A., 1, Adv Pg 166	127 Clarendon St. Boston 16	Mass
Philco Corp., Gov't & Ind'l Div., 2	4700 Wissahickon Ave, Philadelphia 44	Pa
Reeves Instrument Corp., 1	Roosevelt Field, Garden City	NY
Remington Rand Univac Div. Sperry Rand Corp., 2	315 Park Ave. S, New York 10	NY
Rescon Electronics Corp., 2	151 Bear Hill Rd. Waltham 54	Mass
Ryan Electronics Div., Ryan Aeronautical Co., 1-2	5650 Kearny Mesa Rd, San Diego 12	Cal
Standard Tel. & Cables Ltd., 2	29 Glasshouse Yard, London	Eng
Stone Laboratories Inc., 2	1312 Tremont St, Boston 20	Mass
Telecomputing Corp., 1-2	915 N. Citrus Ave, Hollywood	Cal
Teleregister Corp., 2	445 Fairfield Ave. Stamford	Conn
Thompson Ramo Wooldridge Inc. Tapco Group, 1	23555 Euclid Ave. Cleveland 17	Ohio
Topp Industries, Inc., 1	5221 W. 102 St, Los Angeles 45	Cal
Transitron Electronic Mfg. Co., 1-2	503 McCarter Hwy. Newark 2	NJ
United Control Corp., 1	Overlake Ind Pk. Box 3104, Seattle	Wash
Woodland Electronics Co. Inc., 1-2	503 McCarter Hwy. Newark 2	NJ

CONDENSERS See CAPACITORS

CONDUCTIVE CEMENTS See CEMENTS

CONDUCTIVE COATINGS See COATINGS

CONDUCTIVE PAINTS See PAINTS –*PRINTED-CIRCUIT*

CONDUCTIVITY CONTROLS See CONTROLS –*CONDUCTIVITY*
CONDUCTIVITY INDICATORS See INDICATORS –*CONDUCTIVITY*
CONDUCTIVITY RECORDERS See RECORDERS –*CONDUCTIVITY*
CONELRAD RECEIVERS See RECEIVERS –*RADIO COMMUNICATION*
CONES –*SPEAKER* See DIAPHRAGMS
CONNECTOR ASSEMBLIES See CABLE ASSEMBLIES
CONNECTOR CAPS –*PROTECTIVE* See CAPS
CONNECTOR-HOLDING FIXTURES See FIXTURES –*HOLDING*

CONNECTORS (Incl. MATING PLUGS)

1. ANODE
2. A-F & MICROPHONE
3. ANTENNA
4. COAXIAL CABLE
5. DIODE
6. ELECTRICAL, AN OR MIL-C-5015
7. HERMETICALLY SEALED & PRESSURIZED
8. HIGH-VOLTAGE
9. INTERLOCK
10. MINIATURE
11. PHONE
12. POWER
13. PRINTED-CIRCUIT
14. R-F
15. SOLDERLESS
16. SUBMINIATURE
17. TEMPERATURE CALIBRATED, THERMOCOUPLE
18. VACUUM LINE
19. WATERPROOF

See Also JACKS: PLUGS

A. P. M. CORP., 12, Adv Pg 542	41 Honeck St. Englewood	NJ
A-T ELECTRONICS INC., 4, Adv Pg 390	Box 1841, New Haven 8	Conn
Accurate Electronics Corp., 1-2-3-4-5-9-10-11-12-13-14-15	Box 9350, Elyria	Ohio
Advanced Vacuum Prods Inc. Sub Glass-Tite Ind., 7	430 Fairfield Ave. Stamford	Conn
[illegible] Electronics Corp., 1	2207 Summit Ave. Union City	NJ
Air-O-Tronics Engineering Co., 10	Morrisville	NY
AirBorn Connectors Inc., 6-7-10-15-16	Box 12051, Dallas 20	Tex
ALDEN PRODUCTS CO., 1-3-8-10-11-12-16, Adv Pg 359	112 N Main St. Brockton 64	Mass
Allite Div. U.S. Stoneware Co., 7	Box 119, Orrville	Ohio
American Development Electronics Co., 7-15	[illegible] St. Newark 8	NJ
AMERICAN ELECTRONIC WIRE & CABLE, 4-6-18, Adv Pg 18	120 S Hewitt St. Los Angeles	Cal
American Electronics Co., 3-4-11-14	178 Herricks Rd. Mineola	NY
American Research & Mfg. Corp., 8-10	920 Halpine Ave. Rockville	Md
AMP INC., 4-7-10-13-15, Adv Pgs 65, 183	Eisenhower Blvd. Harrisburg	Pa
Ampco Mfg Co., 1-2-3-4-6-7-8-10-11-12-16-19	24 E 3rd St. Plainfield	NJ
AMPHENOL CONNECTOR DIV. AMPHENOL-BORG ELECTRONICS CORP., 2-4-6-7-8-9-10-12-13-15-16-17-19, Adv Pg 222	1830 S 54th Ave. Chicago 50	Ill
Andrew California Corp., 3-4	941 E Maryland Ave. Claremont	Cal
ANDREW CORP., 3-4-14, Adv Pg 13	Box 807, Chicago 42	Ill
Anton Electronic Labs Inc. Div. Lionel Corp., 7-8-10-12-13-16	1226 Flushing Ave. Brooklyn 37	NY
Arnel Electronics Inc., 8-10-12-13-15-16	1601 - 75th St. North Bergen	NJ
Arnoux Corp., 4-6-7-10-12-14-15-16-17-19	11924 W. Washington Blvd, L.A. 66	Cal
ART WIRE & STAMPING CO., 1-16, Adv Pg 409	227 High St. Newark 2	NJ
Associated Engineering & Mfg Corp., 4-7-10-15	Glen Ridge	NJ
Astral Electronics Inc., 13	14620 Arminta St. Van Nuys	Cal
Atlas Connectors Corp., 6-7-8-10-12-13-15-16	41 River Rd. N Arlington	NJ
Audimeters Corp., 2-10	Shepard Hill Rd. Roxbury	NY
Audiotex Mfg. Co., 2-11-15	412 S Wyman St. Rockford	Ill
AUTOMATIC METAL PRODUCTS CORP., 3-4-7-14, Adv Pg 558	315 Berry St. Brooklyn 11	NY
Automation Electronics Inc., 7-13-16	11304 W Washington Blvd Los Angeles 66	Cal
Avnel Electronics, Inc., 3-4-7-8-14-15-16	1751 Berkeley St. Santa Monica	Cal
Barker Products Co., 2-10-11	3 Component Pk. W Bridgewater	Mass
Barker & Williamson Inc., 9	Canal & Beaver Dam Rds. Bristol	Pa
BARNES DEVELOPMENT CO., 5, Adv Pg 414	213 W Baltimore Pike, Lansdowne	Pa
BEAD CHAIN MFG CO., 10-13, Adv Pg 306	110 Mountain Grove St. Bridgeport 5	Conn
[illegible] & Sons Inc., 13	Union Ave. Lakeport	NH
[illegible] Electric Co., 9-15	486 Grand Ave. Brooklyn	NY
Benco Television Associates, Ltd., 3-4-14-15	27 Taber Rd. Rexdale, Ont	Can
Berg Mfg Corp., 10-13-15-16	142 [illegible] Ave. New Cumberland	Pa
BIRNBACH RADIO CO. INC., 1-2-9-11, Adv Pg 529	145 Hudson St. New York 13	NY
[illegible], Inc., 13	East Greenwich	RI
BUCHANAN ELECTRICAL PRODUCTS CORP., 12-15, Adv Pg 484	525 U. S. 22, Hillside	NJ
BURNDY CORP., 4-6-10-12-13-14-15-16-19, Adv Pg 103	Norwalk	Conn
Bundy Corp. [illegible] Div., 3-4-5-6-7-8-10-12-13-14-15-16-19	Box 817, Toledo 1	Ohio
CWS Waveguide Corp., 4-14	331 W Hoffman Ave. Lindenhurst	NY
Cable Electric Products, 2-4-6-10-11-12-19	234 [illegible] St. Providence	RI
Cambridge Thermionic Corp., 5-10-13-15	445 Concord Ave, Cambridge 38	Mass
Canadian Marconi Co., 4	2444 Trenton Ave. Montreal	Que
CANNON ELECTRIC CO., 2-4-6-7-8-9-10-12-13-14-15-16-17-18-19, Adv Pg 287	3209 Humboldt St. Los Angeles 31	Cal
CARBORUNDUM CO. REFRACTORIES DIV., 7, Adv Pgs 104, 105	Perth Amboy	NJ
[illegible] Technical Ceramics Inc., 7	801-23rd St. Union City	NJ
Central Porcelain Co., 15	P.O. Box 42, Columbiana	Ohio
CINCH MFG. CO., 1-2-3-4-5-7-10-11-12-13-15-16, Adv Pgs 296, 297	1026 S Homan Ave. Chicago 24	Ill
CIRCON COMPONENT CORP., 1-3-5-10-13-16, Adv Pg 446	Santa Barbara Airport, Goleta	Cal
Co-Ax, Inc., 4-7-10-14-16-19	Box 247, Roslyn	NY
COLE ELECTRIC CO., 7-9-12, Adv Pg 504	8439 Steller Dr. Culver City	Cal
Component Mfg. Service, Inc., 2-3-4-10-11-12-19	West Bridgewater	Mass
Components for Research Inc., 4-8	979 Commercial St. Palo Alto	Cal
Connector Corp., 1-3-9-10-13	6025 N. Keystone, Chicago	Ill
Connector Seals Corp., 7-8-10-12-16-17	Box 4115, Pasadena	Cal
Consolidated Electrodynamics Corp., 6-10-15	360 N Sierra Madre Villa, Pasadena	Cal
CONTINENTAL CONNECTOR CORP., 4-6-7-8-10-12-13-15-16, Adv Pg 227	34-63 56th St. Woodside 77	NY
Co-Operative Industries, Inc., 6-7-10-17-19	100 Oakdale Rd. Chester	NJ
Crouse-Hinds Co. [illegible] Dept., 4-6-8-9-12-15-17-19	Wolf & 7th N Sts. Syracuse 1	NY
DAGE ELECTRIC CO., 4-7-8-10-14, Adv. Pgs. 382, 383, 384	67 N Second St. Beech Grove	Ind
Dante Electric Mfg., 6-15	Box 6, Bantam	Conn
[illegible] Dynamics Corp., 5-7-10-16	Palmyra	Pa
DeJUR-AMSCO CORP., 4-6-7-8-10-12-13-15-16, Adv Pg 369	Northern Blvd at 45 St. L I City 1	NY
Deutsch Co. Electronic Comps. Div., 4-6-7-8-10-14-15-17-19	Municipal Airport, Banning	Cal
DIALIGHT CORP., 2-10-16, Adv Pg 533	60 Stewart Ave. Brooklyn 37	NY
Dielectric Products Engrg. Co. Inc., 3-4-15	Raymond	Me
Dunmar Products, Inc., 15	Box 8396 Denver	Colo
Dow-Key Co., Inc., 4	Hwy 59 S.E., Thief River Falls	Minn
ETC Inc., 15	990 E. 67th St, Cleveland 3	Ohio
Eagle Electric Mfg. Co., Inc., 9-12-15	23-10 Bridge Plaza S., L.I. City	NY
Eby Co., Hugh H., 10-11-13-16-19	4701 Germantown Ave, Philadelphia 44	Pa
Ecco Electronic Components Corp., 2-3-4-7-8-10-11-12-14-15-19	578 Nepperhan Ave, Yonkers	NY
EITEL-McCULLOUGH INC., 1, Adv Pgs 57-60	301 Industrial Way, San Carlos	Cal
Elco Corp., 2-6-8-9-11-12-13-15-16-19	"M" St. below Erie Ave. Phila 24	Pa
Electrada Corp., 4	11244 Playa St. Culver City	Cal
Electro-Actuators Inc. Div. Omega Prec. Inc., 10-13-15-16	757 N Coney Ave. Azusa	Cal
Electro-Physics Labs. Div. Marshall Industries, 4-5-7-8-9-10-12-13-15-16	1900 Walker Ave. Mon Rovia	Cal
Electro Tec Corp., 16	10 Romanelli Ave, South Hackensack	NJ
Electronic Parts Mfg Co. Inc., 7	508-10 25th St. Union City	NJ
Enflo Corp., 10-16	Fellowship Rd. & Rte 73, Maple Shade	NJ
Equipment & Service Co., 12-19	7118 Envoy Ct, Dallas 7	Tex
Escon Inc., 6-7-8-10-12-13-15-16-17-19	725 Branch Ave. Providence 4	RI
Etching Corp. of Cal. Div. Allegri-Tech Inc., 13	865 Hinckley Rd. Burlingame	Cal
[illegible] Industries, Inc., 2-6-12-19	54 Suffolk St. Worcester 4	Mass
FUJI TSUSHINKI SEIZO K.K., 10-13-16, Adv Pg 259	2, 3-Chome, Marunouchi Chiyoda-ku Tokyo	Jap
FUSITE CORP., 7-8-10, Adv Pg 157	6000 Fernview Ave. Cincinnati 13	Ohio
Garde Mfg. Co., 13	53 John St. Cumberland	RI
Garrett Corp., The, 6	9851 Sepulveda Blvd, Los Angeles 45	Cal
General Coil Products Corp., 10	147-12 Liberty Ave. Jamaica 35	NY
General Products Corp., 6-15	107 Salem St. Union Springs	NY
GENERAL RF FITTINGS INC., 3-4-7-8-10-14-19, Adv Pg 561	702 Beacon St. Boston 15	Mass
General Radio Co., 4-11-12-13-14	West Concord	Mass
Glass Tite Industries, Inc., 6-7-10-15-19	725 Branch Ave. Providence 4	RI
GORN ELECTRONICS DIV. GORN ELECTRIC CO. INC., 4-6-7-8-9-10-12-13-14-15-16, Adv Pg 452	845 Main St. Stamford	Conn
[illegible] Mfg. Co., Inc., 3	470 Bridge St, East Greenwich	RI
Graphic-Circuits Div. Cinch, 10-13-16	200 S Turnbull Canyon, City of Ind	Cal
Greenfield Components Corp., 6-7	184 Shelburne St. Greenfield 16	Mass
Gulton Industries, Inc., 10-16	212 Durham Ave. Metuchen	NJ
H. M. H. Industries, 3	Ave. 107 De La Grulla, San Clemente	Cal
HALLICRAFTERS CO., 3-4-6-7-10-14, Adv Pg 385	4401 W 5th St. Chicago 24	Ill
Harvey Hubbell, Inc., 9-12-16	State St & Bostwick Ave, Bridgeport 2	Conn
Hellerman Canada Ltd., 6-12-15-16	44 Danforth Rd. Scarborough	Ont
Hermaseal Co. Inc., 7	1101 N Main St. Elkhart	Ind
Hermetic Seal Corp., 6-7	29-37 S. Sixth St, Newark 7	NJ
Hi-Lo Mfg. Corp., 3	1122 W. Newport Ave, Chicago 13	Ill
Hobson Brothers, Inc., 8-13	4940 W Lawrence Ave. Chicago 30	Ill
Hollingsworth Co., Solderless Terminal Div., 15	Box 430, Phoenixville	Pa
Holub Industries, Inc., 15	462 Elm St, Sycamore	Ill
Houston Fearless Corp., 7-10-13-16	9177 Wilshire Blvd, Beverly Hills	Cal
Hughes Industrial Systems Div., 4-6-8-12-13-15-19	Bldg 11F, Mail Sta 25, Intl Airport Sta. Los Angeles 45	Cal
I. H. Mfg. Co., 1-9-13	121 Greene St. New York 12	NY
INDUSTRIAL ELECTRONIC HARDWARE CORP., 1-3-9-11-13, Adv Pg 555	109 Prince St. New York 12	NY
Isotronics Inc., 7	Rte 46, Lodi	NJ
Jack & Heintz Div. Siegler Corp., 18	Box 6719, Cleveland 1	Ohio
[illegible] Hardware Mfg. Co., Inc., 8	38-[illegible] Queens Blvd, Long Island City 1	NY
Javex Electronics, 2-3-4-6-10-11-12-15	Box [illegible], Redlands	Cal
Jerrold Electronics Corp., 4-14-15	15th & Lehigh, Philadelphia 32	Pa
JETTRON PRODUCTS, INC., 1-5-10-16, Adv Pg 519	56 Route 10, Hanover	NJ
Joclin Mfg Co., 4-7	9 Lufbery Ave. Wallingford	Conn
Johnson Co., E. F., 8-10-12-13-14-15	Waseca	Minn
Jones Electronics, Hiram, 10-16	2013 W. Olive Ave, Burbank	Cal
JONES, HOWARD B., DIV., CINCH MFG CO., 10-12-15, Adv Pg 297	1026 S Homan Ave. Chicago 24	Ill
Jones & [illegible] Co., 7-16	620 Commercial Ave, Covina	Cal
Joy Mfg. Co., 4-7-8-9-12-19	Dept. [illegible], Oliver Bldg. Pittsburgh 22	Pa
[illegible] Scientific Labs., 7-8	Box 172, Pennington	NJ
Keystone Electronics Corp., 11-15	49 Bleecker St. New York 12	NY
KINGS ELECTRONICS CO. INC., 2-3-4-7-8-10-13-14-15-16, Adv Pg 506	40 Marbledale Rd. Tuckahoe	NY
[illegible] Electric Mfg. Co., 15	123 New Jersey Railroad Ave, Newark 5	NJ
Kulka Electric Corp., 12-13-15	633 S Fulton Ave. Mt Vernon	NY
Lab-Tronics, Inc., 2-3-4-9-10-11	3556 N Lincoln Ave. Chicago 13	Ill
Leeds & Northrup Co., 17	4970 Stenton Ave. Philadelphia 44	Pa
Liquidometer Corp., 4-10-19	41-[illegible] 36th St. Long Island City 1	NY
Livingston Electronic Corp., 7	Livingston 3	NJ
McIntosh Co., J. H. C., 7-17-19	Box 298, El Dorado	Cal
Malco Mfg. Co., 3-9-10-13-15-16	4021 W. Lake St, Chicago 24	Ill
Mandex Mfg Co. Inc., 3-5-8-9-11	2516 W 48 St. Chicago 32	Ill
Marconi's Wireless Telegraph Co., Ltd., 4	750 Third Ave, New York 17	NY
[illegible] of Cincinnati, 13	7 E 75th St. Cincinnati	Ohio
METHODE MFG. CORP., 6-7-10-11-13-15-16-19, Adv Pgs 458, 459	7447 W Wilson Ave. Chicago 31	Ill
Micro-Lectric Inc., 6	19 DeBevoise Ave. Roosevelt	NY
Microdot, Inc., 4-7-10-12-14-15-16-19	220 Pasadena Ave. South Pasadena	Cal
Microtech, Inc., 15	Milldale Rd. Cheshire	Conn
Millen Mfg. Co., James, 8	150 Exchange St. Malden	Mass
Minn-Honeywell, Ceramics Lab., 7	Box 440, Minneapolis 40	Minn
Minn-Honeywell, Military Prods Gr., 17	2600 Ridgway Rd. Minneapolis 13	Minn
Minnesota Mining & Mfg Co. Electrical Tapes, 15	900 Bush Ave. St. Paul 6	Minn
Molded Insulation Co., 2-3-4-6-7-10-13-16	335 E Price St. Philadelphia 44	Pa
Molding Corp. of America, 10-16	42 Church St. Pawtucket	RI
Molex Products Co., 5-6-8-10-12-13-15	9515 Southview Ave. Brookfield	Ill
Monadnock Mills, Div. UCF, 1	1977 1st Ave. San Leandro	Cal
Frank W. Morse Co., 10	354 Congress St, Boston 10	Mass
Mosley Electronics, Inc., 3-15	4610 N. Lindbergh, Bridgeton	Mo
National Connector Corp., 1-4-5-6-8-9-10-11-12-13-14-15-16-17-19	Science-Industry Center, Mpls 27	Minn
National Fabricators, Inc., 4-5-11	[illegible] W. Belden Ave, Chicago 47	Ill
NATIONAL TEL-TRONICS CORP., 3-9-10, Adv Pg 537	52 St Casmir Ave. Yonkers	NY
North Electric Co., 9-15-16	553 S Market St. Galion	Ohio
Nugent Electronics Co. Inc., 10-13-14-16	802 E 8th St. New Albany	Ind
Nu-Line Industries Inc., 4-6-7-8-9-10-14-15-16-19	1015 S 6th St. Minneapolis 4	Minn
Pacific Electricord Co., 10-12	747 W Redondo Beach Blvd, Gardena	Cal
PEM MACHINE TOOL CO. INC., Adv Pg 536	1456 Chestnut Ave. Hillside	NJ
PENN-UNION ELECTRIC CORP., 6-12-15, Adv Pg 540	315 State St. Erie	Pa
[illegible] Mfg Co., 1-3-9-15	910 W Jackson Blvd. Chicago 7	Ill
PHELPS DODGE COPPER PRODUCTS CORP., 3-4-14-15, Adv Pg 165	300 Park Ave. New York 22	NY
Powell Co. Harold H., 4-6-7-10-13-14-15-19	[illegible] Market St. Philadelphia	Pa
PRECISE MEASUREMENTS CO., 8 Adv Pg 322	R. D. 1, Millbrooks Rd. Flemington	NJ
Precision Connectors, Inc., 4-7-8-10-12-13-14-16-17	165 E. Second St. Mineola	NY
Prodelin Inc., 4-7-14-15	307 Bergen Ave. Kearny	NJ
Pyle-National Co., 4-6-7-9-10-12-19	1334 N Kostner Ave. Chicago 51	Ill
RF PRODUCTS DIV. AMPHENOL-BORG ELECTRONICS CORP., 4-7-10-13-14-15-16-19, Adv Pg 204	33 E Franklin St. Danbury	Conn
Raypar, Inc., 1	7800 W. Addison St. Chicago	Ill
Remler Co., 19	2101 Bryant St. San Francisco 10	Cal
Rimax Electronics Inc., 5-13	11929 Vanowen St. N Hollywood	Cal
Robins Industries Corp., 2	36-27 Prince St. Flushing 54	NY
Roflan Co., 9-10-19	Rte 1 & Camp Meeting Rd. Topsfield	Mass
Ross Co., Milton, 2-3-4-5-6-7-8-9-10-11-12-13-14-15-16	[illegible] Jacksonville Rd. Hatboro	Pa
ROYAL ELECTRIC CORP., 9, Adv Pg 108	95 Grand Ave. Pawtucket	RI
Rye Sound Corp., 1-2-3-9-10-11-12	145 Elm St. Mamaroneck	NY
SCINTILLA DIV. BENDIX CORP., 4-6-7-8-9-10-12-14-15-16-17-19, Adv Pg 345	Sidney	NY
SEALECTRO CORP., 13-14, Adv Pg 352	139 Hoyt Ave. Mamaroneck	NY
[illegible] Corp., 6-7-10	Reading Rd at Amity, Cincinnati 15	Ohio
Sierra Electric Corp., 6-10-13	15100 S Figueroa St, Gardena	Cal
Signal Indicator Corp., 2-10-16	42 Stewart Ave, Brooklyn 37	NY
[illegible] Electric Inc., 12	45 Sea Cliff Ave. Glen Cove	NY
Smith Mfg Co., E. C., 17	Forrest & Hector Sts. Conshohocken	Pa
Smith, Inc., Herman H., 3-4-10-11-15	2326 Nostrand Ave. Brooklyn 10	NY
Specialty Electronics Development Corp., 12-16	Eileen Way, Syosset	NY
Stanley Aviation Corp., 13-16	2501 Dallas St, Denver 8	Colo
Superex Electronics Corp., 10-15-16	4-6 Radford Place, Yonkers	NY
Superior Electric Co., The, 12	383 Middle St. Bristol	Conn
SWITCHCRAFT INC., 10-11-14-16, Adv Pg 236	5537 Elston Ave. Chicago 30	Ill
Sylvania Electric Products Inc. Parts Div., 9-13	12 2nd Ave. Warren	Pa
Taffet Electronics Inc., 4-15	2705 Bklyn-Qns Exp W, Woodside 77	NY
Tamar Electronics Inc., 3-4-7-8-14-19	2045 W Rosecrans Ave. Gardena	Cal
Ted Mfg. Co., 4-7-11-14-16-19	11415 Johnson Dr, Shawnee	Kan
TEFCO CORP., 4-10-13-14-16, Adv Pg 580	28 Willett St. Port Chester	NY
Telcon, 4-14	P.O. Box 216, Pacific Palisades	Cal
Telechrome Mfg Corp., 9	[illegible] Ave. Amityville	NY
TELERAD DIV. LIONEL CORP., 4, Adv Pgs 220, 221	Rt 69, Flemington	NJ
Telex, 16	Telex Park, St Paul 1	Minn
Therm Electric Co. Inc., 17	109 5th St. Saddle Brook	NJ
[illegible] Instruments Ltd., 17	70 Advance Rd. Toronto 18	Ont
Thomas & Betts Co., Inc., 4-15	36 Butler St. Elizabeth 1	NJ
Tingstol Co., 13	1340 N. Fullerton, Chicago 14	Ill
Titeflex Inc., 6-10-15-19	534 Hendee St. Springfield	Mass
Torrington Co., 4-10-15	59 Field St. Torrington	Conn
Tricraft Products Corp., 3	1124 N Newport Ave, Chicago 13	Ill
Trompeter Electronic Associates, 3-4-17	[illegible] Ave. Canoga Park	Cal
Tru-Connector Corp., 4-7-8-14-16-19	416 Union St. Lynn	Mass
UCINITE CO. DIV. UCF, 1-2-3-4-8-10-11-12-13-14-15-16, Adv Pg 69	459 Watertown St. Newtonville	Mass
Ulmer Co., H. W., 18	2041 Del Luis Rey Rd. Oceanside	Cal
Uni-Seal, Inc., 7	477 North Ave, Garwood	NJ
U. S. Components Inc., 7-9-10-12-13-15-16	1320 Zerega Ave. Bronx	NY
Vaco Products Co., 15	317 E. Ontario, Chicago	Ill
VECTOR ELECTRONIC CO., 13-15-16, Adv Pg 544	1100 Flower St. Glendale 1	Cal
Vector Mfg. Co., 19	5616 Lawndale, Houston 23	Tex
Viking Industries, Inc., 4-6-7-8-10-13-15-16-17-19	21343 Roscoe Blvd. Canoga Park	Cal
Waldom Electronics Inc., 1-9-15	4625 W 53rd St. Chicago 32	Ill
Walsco Electronics Mfg. Co., 2-9-11-15	400 S Wyman St. Rockford	Ill
Warren Components Div., El-Tronics, 1-5-7	[illegible]	Pa
Wells Electronics Co., 10-13-16	1701 S Main St. South Bend 23	Ind
Werner Electronics Inc., 10-12-16	Berryville Rd. Scotch Plains	NJ
WHITSO INC., 15, Adv Pg 488	9328 Byron St. Schiller Park	Ill
Wiggins Oil Tool Co. Inc., E. B., 4-6-7-8-9-10-11-12-15-16-17-18-19	3424 E Olympic Blvd. Los Angeles 23	Cal
Wood Electric Corp., 4-14	44 [illegible] St. Lynn	Mass
[illegible] Inc., 2-11	[illegible] W Monroe St. Chicago 6	Ill

CONNECTOR VISES See FIXTURES—HOLDING

CONSOLES

1. A-F CONTROL
2. COMPUTER CONTROL

Altec Lansing Corp., 1	1515 S Manchester Ave. Anaheim	Cal
American Elite, Inc. (Telefunken), 1	48-50 34 St. Long Island City 1	NY
American Machine & Foundry Co., 1	1025 N Royal St. Alexandria	Va
APPLIED ELECTRONICS CORP. OF NJ, 2, Adv Pg 518	22 Center St. Metuchen	NJ
Avco Corp., Crosley Div., 2	1329 Arlington St, Cincinnati 25	Ohio
Avco Corp., Electronics & Ordnance Div., 2	Box 118, Cincinnati 15	Ohio
Bogen-Presto Div. Siegler Corp., 1	Box 500, Paramus	NJ
Brooks & Perkins, Inc., 2	1950 W Fort St. Detroit 16	Mich
Chance Vought Corp. Vought Electronics Div., 1-2	Box 1500, Arlington	Tex
Computer Equipment Corp., 2	11612 W Olympic Blvd. Los Angeles 64	Cal
Consolidated Avionics Corp., 2	800 Shames Dr, Westbury	NY
Control Equipment Corp., 2	19 Kearney Rd. Needham Heights 94	Mass
Electric [illegible] Corp., 1	[illegible] Tibbs Ave. Indianapolis 41	Ind
Electro-Pack, Inc., 1-2	[illegible] Jefferson Blvd, Culver City	Cal
Electron Corp., 1	Box 5570, Dallas 22	Tex
ELECTRONIC PRODUCTS CORP., 1, Adv Pgs 545, 546	4642 Belair Rd. Baltimore 6	Md
El-Tronics Inc., 2	[illegible] E. 15th St, Philadelphia 2	Pa
Equipto Electronics Corp., 1-2	[illegible] St. Naperville	Ill
Escobronics, 1-2	7001 S Vine St. LaGrange	Ill
Foxboro Co., The, 2	Foxboro	Mass
Gray Mfg. Co., 1	Dept 67, 16 Arbor St. Hartford 1	Conn
Hammond Mfg Co. Ltd., 1-2	Guelph	Ont
IBM Federal Systems Div., 2	1120 Conn. Ave. Washington 6	DC
Kidde Electronics Labs. Walter Kidde & Co. Inc., 1	477 Brighton Rd. Clifton	NJ
Magnasync Corp., 1	5546 Satsuma Ave, North Hollywood	Cal
Marquardt Corp. Pomona Div., 2	2709 N Garey Ave. Pomona	Cal
Midwest Audio Corp., 1	3600 N North Ave. Chicago 47	Ill
Minn-Honeywell, Military Prods Gr., 2	2600 Ridgway Rd. Minneapolis 13	Minn
Minn-Honeywell, Special Systems Div., 2	[illegible] Pottstown	Pa
Neill Co., Inc., R W., 1	4330 W Montrose, Chicago 41	Ill

RMS Associates, Inc., 2	105 Mamaroneck Ave, Mamaroneck	NY
Remington Rand Univac Div, Sperry Rand Corp., 2	315 Park Ave. S, New York 10	NY
Research Inc., 1	Box 6164, Edina Br. Mnpls 24	Minn
Solartron, Inc., 1	1747 S. Zeyn St, Anaheim	Cal
Tang Industries Inc., 2	470 Main St, Waltham 54	Mass
Telemeter Corp., 2	445 Fairfield Ave. Stamford	Conn
U.S. Recording Co., 1	1345 Capitol St, Washington	DC
Universal Match Corp. Armament Div., 2	472 Paul Ave. St Louis 35	Mo
Virginia Electronics Co., Inc., 1	5209 River Rd, Washington 16	DC
Westinghouse-Electronics Div., 2	Baltimore	Md
Wickes Engineering & Construction Co., 1	12th St & Ferry Ave, Camden 4	NJ
Wilcox Electric Co., 1	1400 Chestnut St, Kansas City	Mo
Winder Aircraft Corp., 1-2	Dunnellon Air Base, Dunnellon	Fla

CONSTRUCTION KITS *See* KITS
CONTACT CLEANERS *See* CLEANERS –*CONTACT*
CONTACT-MAKING METERS *See* AMMETERS: VOLTMETERS
CONTACT MODULATORS *See* CHOPPERS

CONTACTORS

Automatic Switch Co	50-56 Hanover Rd, Florham Park	NJ
Baltic Metal Products Co	126 Sutton St. Brooklyn 22	NY
Clark Controller Co	1146 E. 152 St, Cleveland 10	Ohio
Cutler-Hammer, Inc	411 N. 12 St, Milwaukee 1	Wisc
GENERAL FINDINGS INC. INDUSTRIAL DIV., Adv Pgs 538, 539	**55 School St. Attleboro**	**Mass**
Hoffman Engineering Corp	Anoka	Minn
NORTHEASTERN ENGINEERING INC., Adv Pgs 289-292	**Box 150, Manchester**	**NH**
Vapor Heating Corp	80 E Jackson Blvd. Chicago 4	Ill
Winder Aircraft Corp	Dunnellon Air Base, Dunnellon	Fla

CONTACTS –*ELECTRICAL*

AIRFLYTE ELECTRONICS CO., Adv Pg 342	**535-9 Avenue A, Bayonne**	**NJ**
Baltic Metal Products Co	126 Sutton St. Brooklyn 22	NY
BEAD CHAIN MFG CO., Adv Pg 306	**110 Mountain Grove St. Bridgeport 5**	**Conn**
Braman Corp., C. S	322 Washington St. Mt. Vernon	NY
Deringer Metallurgical Corp	8131 N Monticello Ave. Skokie	Ill
Fansteel Metallurgical Corp	2200 Sheridan Rd. N Chicago	Ill
GENERAL FINDINGS INC. INDUSTRIAL DIV Adv Pgs 538, 539	**55 School St. Attleboro**	**Mass**
GIBSON ELECTRIC CO., Adv Pg 462	**P O Box 535, Delmont**	**Pa**
GRAPHITE METALLIZING CORP., Adv Pg 273	**1052 Nepperhan Ave. Yonkers**	**NY**
Hoffman Engineering Corp	Anoka	Minn
Johnson Matthey & Mallory Ltd	110 Industry St. Toronto 15	Ont
Kidde Electronics Labs, Walter Kidde & Co. Inc	477 Brighton Rd. Clifton	NJ
Larson Instrument Co	Greenbush Rd, Orangeburg	NY
Monadnock Mills, Div. UCF	1977 1st Ave. San Leandro	Cal
NEY CO., J. M., Adv Pg 467	**Maplewood Ave. Bloomfield**	**Conn**
Stackpole Carbon Co	201 Stackpole St. St Marys	Pa
Superior Carbon Products Co	9115 George Ave, Cleveland 5	Ohio
Superior Electric Co., The	383 Middle St. Bristol	Conn
Technical Wire Products, Inc	129 Dermody St, Cranford	NJ
Thomson Mfg. Co., Judson L.	22 Sawyer Rd, Waltham 54	Mass
Tricon Mfg. Co	3812 S. Wallace St, Chicago 9	Ill
Tubular Rivet & Stud Co	Weston Ave, Quincy 70	Mass

CONTAINERS *See* BOXES: CABINETS: CANS: CASES: ENCLOSURES: HOUSINGS: PACKAGING MATERIALS
CONTINUITY TESTERS *See* TESTERS –*CIRCUIT*
CONTOURING CONTROLS *See* CONTROLS –*CONTOURING*
CONTROL CONSOLES *See* CONSOLES
CONTROL DIODES *See* DIODES –*CRYSTAL*
CONTROLLERS *See* CONTROLS
CONTROLS –*ALARM SYSTEM See* DETECTORS
CONTROLS –*AUTOMATIC POSITIONING See* CONTROLS –*POSITIONING*

CONTROLS –*AUTOMATIC TUNING*

Applied Control Corp	1000 Main St. Hackensack	NJ
Cramer, Inc	6247 Howard St, Chicago 48	Ill
Djordjevic Eng. Co	1133 N Damen, Chicago 47	Ill
Industrial Control Co	Central at Pinelawn, Farmingdale	NY
Instrument Corp. of Florida	Box 1226, Melbourne	Fla
Lear Inc	3171 S Bundy Dr. Santa Monica	Cal
Mallory Controls Co	Frankfort	Ind
Ram Electronics, Inc	600 Industrial Ave, Paramus	NJ
Regulators, Inc	455 W Main St. Wyckoff	NJ
Thermovolt Instruments Ltd	70 Advance Rd. Toronto 18	Ont
Weltronic Co	19500 W 8 Mile Rd. Southfield	Mich
Winterburn Mfg. Co	Box 386, Putnam	Conn

CONTROLS –*AUTOMATIC VOLTAGE-REGULATING See* REGULATORS –*VOLTAGE*
CONTROLS –*BATCHING See* CONTROLS –*COUNTING*: CONTROLS –*FLUID-FLOW*: CONTROLS –*LEVEL*: CONTROLS –*PHOTOELECTRIC*: CONTROLS –*WEIGHT*

CONTROLS –*CAPACITANCE OPERATED*

Compu Dyne Corp	400 S Warminster Rd. Hatboro	Pa
Controlomag Labs	2450 Susquehanna, Roslyn	Pa
ELECTRONIC PRODUCTS CORP., Adv Pgs 545, 546	**4642 Belair Rd. Baltimore 6**	**Md**
Laboratory For Electronics, Inc	1079 Commonwealth Ave, Boston 15	Mass
Lear Inc	3171 S Bundy Dr. Santa Monica	Cal
Mallory Controls Co	Frankfort	Ind
Minitron Corp	14 Clinton Pl. Belle Mead	NJ
Niagara Electron Laboratories	Main & Sherwood Sts, Andover	NY
Photobell Co. Inc	12 E 22 St. New York 10	NY
Ram Electronics, Inc	600 Industrial Ave, Paramus	NJ
Research Industrial Labs of Electronics	Roslyn	Pa
Security Controls, Inc	503 Franklin St. Buffalo	NY
Spectrol Electronics Corp	1704 S Del Mar, San Gabriel	Cal
Tri-Tronics Co	2607 St. Charles Rd, Bellwood	Ill

CONTROLS –*CHEMICAL PROCESS See* CONTROLS PROVIDING REQUIRED FUNCTION
CONTROLS –*COLOR See* CONTROLS –*PHOTOELECTRIC, COLOR*

CONTROLS –*CONDUCTIVITY*
1. FLUIDS 2. SOLID MATERIALS

American Machine & Foundry Co., 1	1025 N Royal St. Alexandria	Va
Armstrong Whitworth Equipment, 1	Hucclecote, Gloucester	Eng
Automation Products Inc., 1-2	3030 Max Roy St. Houston 24	Tex
Bailey Meter Co., 1	1050 Ivanhoe Rd. Cleveland 10	Ohio
Belfab Corp., 1	Municipal Airport, Daytona Beach	Fla
Cluny Corp., 1	408 Junipero St. San Gabriel	Cal
Electronic Control Corp., 1	1573 E. Forest St, Detroit 7	Mich
Evershed & Vignoles Ltd., 1	Chiswick, London W 4	Eng
Ford Instrument Co. Div. Sperry Rand Corp., 1-2	31-10 Thomson Ave. Long Island City 1	NY
Foxboro Co., The, 1	Foxboro	Mass
Industrial Instruments, Inc., 1	89 Commerce Rd, Cedar Grove	NJ
Leeds & Northrup Co., 1	4970 Stenton Ave, Philadelphia 44	Pa
Machinery Electrification, Inc., 1	56 Hudson St. Northboro	Mass
National Electronics, 1	Box 1237, Sheridan	Wyo
Pegasus Labs. Inc., 1	3500 W 11 Mile Rd. Berkley	Mich
POWERTRON ULTRASONICS, 1, Adv Pg 489	**Patterson Pl. Roosevelt Fld. Garden City**	**NY**
Syracuse Electronics Corp., 1-2	Box 566, Syracuse 1	NY
Topper Mfg Co. Inc., 2	84-56 Parsons Blvd. Jamaica 32	NY
Warrick Co., Charles F., 1	1964 W Eleven Mile Rd. Berkley	Mich

CONTROLS –*CONTOURING & PHOTOELECTRIC TRACER*

GPE Controls, Inc	240 E. Ontario St, Chicago 11	Ill
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
Melpar Inc	3000 Arlington Blvd. Falls Church	Va
Minn-Honeywell, Aero Controls Div	2753 4th Ave. S, Minneapolis 8	Minn
Optron Corp	335 S Salinas St. Santa Barbara	Cal
Pegasus Labs. Inc	3500 W 11 Mile Rd. Berkley	Mich
Photobell Co. Inc	12 E 22 St. New York 10	NY
Tops Industries, Inc	5221 W. 102 St, Los Angeles 45	Cal
Wells Industries Corp	6880 Troost Ave. Hollywood	Cal

CONTROLS –*COUNTING (NOT PHOTOELECTRIC) See Also* CONTROLS –*PHOTOELECTRIC*

Applied Control Corp	1000 Main St. Hackensack	NJ
Chrono-log Corp	Box 4587, Philadelphia 31	Pa
Computer-Measurements Co	12970 Bradley Ave. Sylmar	Cal
Control Equipment Corp	19 Kearney Rd, Needham Heights 94	Mass
Controlomag Labs	2450 Susquehanna, Roslyn	Pa
Eagle Signal Co Div Gamewell Co EW Bliss Sub	202-11th St. Moline	Ill
Electro Products Labs, Inc., Transducer Div	4501 N Ravenswood, Chicago 40	Ill
Electronic Controls Inc	10 Southfield Ave, Stamford	Conn
ELECTRONIC PRODUCTS CORP., Adv Pgs 545, 546	**4642 Belair Rd. Baltimore 6**	**Md**
Elesta Ltd. Electronic Controls	Bad Ragaz, Switzerland	
ERIE-PACIFIC DIV. OF ERIE RESISTOR CORP., Adv Pg 206	**12932 S Weber Way, Hawthorne**	**Cal**
Gyra Electronics Corp	Box 184, La Grange	Ill
Hagan Mfg. Co. Div. Gamewell Co	104 Walnut St. Baraboo	Wis
SIGMA INSTRUMENTS INC., Adv Pgs 169-172	**180 Pearl St. S Braintree 85**	**Mass**
Summit Electronics, Inc	7 Industrial Pl, Summit	NJ
Thermovolt Instruments Ltd	70 Advance Rd, Toronto 18	Ont
Transistor Devices Inc	41 Factory St. Cedar Grove	NJ
Trott Electronics, Inc	412 Smith St, Rochester 8	NY

CONTROLS –*DENSITY*
1. NUCLEAR ABSORPTION TYPE 2. PHOTOELECTRIC

A R & D A, 2	135 Main St. Belleville 9	NJ
Automation Products Inc., 1-2	3030 Max Roy St. Houston 24	Tex
Bausch & Lomb Inc., 1-2	61462 Bausch St. Rochester 2	NY
Clark Controller Co	1146 E 152nd St. Cleveland 10	Ohio
Conis-Electronics Co., 2	2939-45 N. 2nd St, Philadelphia 33	Pa
CURTISS-WRIGHT CORP. PRINCETON DIV., 1, Adv Pgs 382, 426, 494	**Princeton**	**NJ**
Electronic Control Corp., 2	1573 E. Forest St, Detroit 7	Mich
Flight Research, Inc., 2	Box 1-F, Richmond 1	Va
Ford Instrument Co. Div. Sperry Rand Corp., 1	31-10 Thomson Ave, Long Island City 1	NY
Foxboro Co., The, 1	Foxboro	Mass
Franklin Systems, Inc., 1	Box 1250, W Palm Beach	Fla
General Electronic Control, Inc., 2	8001 Bloomington Frwy. Mnpls 20	Minn
Industrial Nucleonics Corp., 1	650 Ackerman Rd, Columbus 2	Ohio
Life Instrument Co. Inc., 2	100 Brook St. Franklin	Mass
Mason Instrument Co. Inc., 2	Box 683, Mamaroneck	NY
Melpar Inc., 2	3000 Arlington Blvd, Falls Church	Va
Nuclear Chicago Corporation, 1	333 E. Howard St, Des Plaines	Ill
Nuclear Corp of America, 1	2 Richwood Pl, Denville	NJ
Ohmart Corp., 1	2236 Bogen St. Cincinnati	Ohio
Phoenix Precision Instrument Co., 2	3805 N. Fifth St, Philadelphia	Pa
Photobell Co. Inc., 2	12 E 22 St. New York 10	NY
Photomation, Inc., 2	96 S Washington Ave, Bergenfield	NJ
Presin Co. Inc., 2	2014 Broadway, Santa Monica	Cal
SIGMA INSTRUMENTS INC., 2, Adv Pgs 169-172	**180 Pearl St. S Braintree 85**	**Mass**
Spectra Electronics Co., 2	250 E. 3rd St, Mt. Vernon	NY
Syracuse Electronics Corp., 2	Box 566, Syracuse 1	NY
Tabet Mfg. Co., Inc., 2	1336 Ballentine Blvd, Norfolk	Va
Taylor Instrument Cos., 2	95 Ames St. Rochester	NY
Topper Mfg Co. Inc., 1-2	84-56 Parsons Blvd. Jamaica 32	NY
Tracerlab, Inc., 1	1601 Trapelo Rd, Waltham 54	Mass
U. S. Nuclear Corp., 1	801 N. Lake St, Burbank	Cal
Vickers Inc. Electric Products Div., 1	1899 Locust St. St Louis 3	Mo
Warner Electronic Devices, 2	Rankin	Ill

CONTROLS –*DIMENSION*

Applied Control Corp	1000 Main St. Hackensack	NJ
GPE Controls, Inc	240 E. Ontario St, Chicago 11	Ill
General Electronic Control, Inc	8001 Bloomington Frwy. Mnpls 20	Minn
Mason Instrument Co. Inc	Box 683, Mamaroneck	NY
Moore Products Co	H & Lycoming Sts. Philadelphia 24	Pa
Photobell Co. Inc	12 E 22 St. New York 10	NY
Robinette Co., W.C	802 Fair Oaks Ave, South Pasadena	Cal
Security Controls, Inc	503 Franklin St. Buffalo	NY
Sheffield Corp. Sub Bendix Corp	Box 893, Dayton 1	Ohio
Wiegand Mfg Co	862 Bedford St. Valley Stream	NY

CONTROLS –*DOOR (Incl. GARAGE DOORS)*
1. CAPACITANCE-TYPE 2. PHOTOELECTRIC 3. RADIO CONTROL 4. ULTRASONIC

A.R.F. Products, Inc., 3	7627 Lake St, River Forest	Ill
Acoustica Associates, Inc., 4	10400 Aviation Blvd. Los Angeles 45	Cal
Autotron, Inc., 2	3629 N Vermilion St. Danville	Ill
Cathcart Electronics Co., 3	4001 Exposition Blvd, Los Angeles 16	Cal
Clark Controller Co., 2	1146 E. 152 St. Cleveland 10	Ohio
Conis-Electronics Co., 2	2939-45 N. 2nd St, Philadelphia 33	Pa
Controlomag Labs., 1	2450 Susquehanna, Roslyn	Pa
Cramer Controls Corp., 2	Box 13, Centerbrook	Conn
Cutler-Hammer Inc., 2	411 N 12th St. Milwaukee 1	Wis
Decker Corp., 1	45 Monument Rd, Bala Cynwyd	Pa
Deitz Co. Inc., 2	9 E Westley St. S Hackensack	NJ
Delco Radio Div, GMC., 3	700 E. Firmin St, Kokomo	Ind
Electron-Radar Products, 2	4806 W. Chicago Ave, Chicago 51	Ill
Electronic Control Corp., 2-4	1573 E. Forest St. Detroit 7	Mich
Elesta Ltd., Electronic Control Apparatus, 2	Bad Ragaz, Switzerland	
Farmer Electric Products Co., 2	2300 Washington St. Newton Lower Falls 62	Mass
GENERAL ELECTRIC CO. APPARATUS SALES, 2, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
General Electric Co. Clock & Timer Dept., 3	Ashland	Mass
General Instrument of Canada Ltd., 3	151 Weber St. S, Waterloo	Ont
Heath Co. A Sub of Daystrom, Inc., 3	Benton Harbor	Mich
Indiron Co. Inc., 1	76 Coolidge Hill Rd. Watertown 72	Mass
Lumen, Inc., 2	Box 905, Joliet	Ill
Mason Instrument Co. Inc., 2	Box 683, Mamaroneck	NY
MASSA DIV. COHU ELECTRONICS, INC., 4 Adv Pgs 442, 443	**280 Lincoln St. Hingham**	**Mass**
Minn-Honeywell, Ceramics Lab., 4	Box 440, Minneapolis 40	Minn
Nelson Instrument Co., 4	Box 68, Spring Valley	Ill
Nuclear Electronics Corp., 1	2925 N Broad St. Philadelphia 32	Pa
Nugent Electronics Co. Inc., 1	802 E 8th St. New Albany	Ind
PACKARD-BELL ELECTRONICS CORP. TECHNICAL PRODUCTS DIV., 3, Adv Pg 49	**12333 W Olympic Blvd. Los Angeles 64**	**Cal**
Partway Specialties Co., 3	22519 Plymouth Rd. Detroit 39	Mich
Perma-Power Co., 3	3100 N. Elston Ave, Chicago 18	Ill
Photobell Co. Inc., 1-2	12 E 22 St. New York 10	NY
Photomation, Inc., 2	96 S. Washington Ave, Bergenfield	NJ
POWERTRON ULTRASONICS, 4, Adv Pg 489	**Patterson Pl. Roosevelt Fld. Garden City**	**NY**
Presin Co. Inc., 2	2014 Broadway, Santa Monica	Cal
RMS Associates, Inc., 4	105 Mamaroneck Ave, Mamaroneck	NY
Research Industrial Labs of Electronics, 1	Roslyn	Pa
Security Controls, Inc., 1	503 Franklin St, Buffalo	NY
Sierra Electric Corp., 3	15100 S. Figueroa St, Gardena	Cal
Sorensen Industrial Electronic Co., 3	Route 10, Dover	NJ
Tabet Mfg. Co., Inc., 2	1336 Ballentine Blvd, Norfolk	Va
Telectron Co., 3	3391 S W 12th Terrace, Ft Lauderdale	Fla
Trott Electronics, Inc., 4	412 Smith St, Rochester 8	NY
ULTRASONIC INDUSTRIES INC., 4, Adv Pg 417	**Ames Ct. Plainview**	**NY**
Ultrasonic Systems Inc., 4	2255 S Carmelina Ave. Los Angeles 64	Cal
Wells-Gardner Electronics Corp., 3	2701 N Kildare Ave, Chicago 39	Ill
Wells Industries Corp., 2	6880 Troost Ave, North Hollywood	Cal
Weltronic Co., 4	19500 W 8 Mile Rd. Southfield	Mich
Warner Electronic Devices, 2	Rankin	Ill

CONTROLS –*ELEVATOR LEVELING*

Applied Control Corp	1000 Main St. Hackensack	NJ
Electro Radiation Inc	11916 W Pico Blvd. Los Angeles 64	Cal
Lear Inc	3171 S Bundy Dr. Santa Monica	Cal
Photobell Co. Inc	12 E 22 St. New York 10	NY
Robinette Co., W.C	802 Fair Oaks Ave, South Pasadena	Cal
Union Switch & Signal Div. Westinghouse Air Brake Co	Pittsburgh 18	Pa

CONTROLS –*FILM-THICKNESS See* CONTROLS –*THICKNESS*

CONTROLS –*FLAME FAILURE*

Bailey Meter Co	1050 Ivanhoe Rd, Cleveland 10	Ohio
Edison Ind, Thos. A., Instr Div., McGraw-Edison Co	81 Lakeside Ave, West Orange	NJ
Electron-Radar Products	4806 W. Chicago Ave, Chicago 51	Ill
Elesta Ltd., Electronic Control Apparatus	Bad Ragaz, Switzerland	
Fidelity Amplifier Co	1617 N Halsted St. Chicago 14	Ill
General Controls Co	801 Allen Ave, Glendale 1	Cal
Minn-Honeywell, Aero Controls Div	2753 4th Ave. S, Minneapolis 8	Minn
Photomation, Inc	96 S. Washington Ave, Bergenfield	NJ
Spectra Electronics Co	250 E. 3rd St, Mt. Vernon	NY
Wells Industries Corp	6880 Troost Ave. Hollywood	Cal

CONTROLS –*FLUID-CONDUCTIVITY See* CONTROLS –*CONDUCTIVITY*

CONTROLS –*FLUID FLOW*

Bailey Meter Co	1050 Ivanhoe Rd, Cleveland 10	Ohio
Boonshaft & Fuchs, Inc	Hatboro Ind Park, Hatboro	Pa
Bristol Co	Box 1790 EBG, Waterbury 20	Conn
Electron-Radar Products	4806 W. Chicago Ave, Chicago 51	Ill
Ellison Draft Gage Co Inc	546 W Monroe St, Chicago	Ill
ERIE-PACIFIC DIV. ERIE RESISTOR CORP., Adv Pg 206	**12932 S Weber Way, Hawthorne**	**Cal**
Fischer & Porter Co	476 Warminster Rd, Warminster	Pa
Flow Measurements Corp	10506 Wheatley St. Kensington	Md
Foxboro Co., The	Foxboro	Mass
Fulton Sylphon Div., Robertshaw-Fulton	P.O. Box 400, Knoxville 1	Tenn
General Controls Co	801 Allen Ave, Glendale 1	Cal
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
Jordan Controls Inc	3225 W Hampton, Milwaukee 9	Wis
Leeds & Northrup Co	4970 Stenton Ave, Philadelphia 44	Pa
Lumen, Inc	Box 905, Joliet	Ill
Minn-Honeywell, Aero Controls Div	2753 4th Ave. S, Minneapolis 8	Minn
Minn-Honeywell, Special Systems Div	Queen & S Bailey St. Pottstown	Pa
MODEL ENG. & MFG. CORP., Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
National Instrument Labs. Inc	826 Evarts St. NE, Washington	DC
OPW-Jordan, Div Dover Corp	6013 Wiehe Rd. Cincinnati 13	Ohio
Potter Aeronautical Corp	Rt 22, Union	NJ
Research Inc	Box 6164, Edina Br. Mnpls 24	Minn
Rucker Co	4700 San Pablo Ave, Oakland 8	Cal
Simmonds Precision Prods Inc	105 White Plains Rd. Tarrytown	NY

Taylor Instrument Cos	95 Ames St. Rochester	NY
Victory Engineering Corp	101 Springfield Rd. Union	NJ
Wallace & Tiernan, Inc	25 Main St. Belleville 9	NJ
Wells Industries Corp	6880 Troost Ave. Hollywood	Cal
Winterburn Mfg. Co	P.O. Box 386, Putnam	Conn

CONTROLS –*FOOD-PROCESSING* See CONTROLS PROVIDING REQUIRED FUNCTION
CONTROLS –*FREQUENCY* See REGULATORS –*FREQUENCY*
CONTROLS –*GAIN* See ATTENUATORS: POTENTIOMETERS
CONTROL-SHAFT SEALS See SEALS –*MECHANICAL*
CONTROLS –*HEAT-TREATING* See CONTROLS –*TEMPERATURE*

CONTROLS –*HUMIDTY*

Air Control, Inc	450 Narberth Ave, Narberth	Pa
Bendix Corporation, Friez Instrument Div	1400 Taylor Ave. Baltimore 4	Md
Bristol Co.	Box 1790 EBG, Waterbury 20	Conn
Budd Electronics Inc	43-22 Queen St. Long Island City	NY
Controlled Atmosphere Enclosures Mfg Co	1061 E 8th St. Jacksonville 6	Fla
El-Tronics Inc	2I S. 15th St, Philadelphia 2	Pa
Foxboro Co., The	Foxboro	Mass
Leeds & Northrup Co	4970 Stenton Ave, Philadelphia 44	Pa
Minn-Honeywell, Appar Controls Div	2753 4th Ave. S, Minneapolis 8	Minn
Sestin, Inc	12 Bowdoin Square, Boston	Mass
Syracuse Electronics Corp.	Box 566, Syracuse 1	NY
Taylor Instrument Cos	95 Ames St. Rochester	NY
Thermo Electric Co. Inc.	109 5th St. Saddle Brook	NJ
Wells Industries Corp	6880 Troost Ave, North Hollywood	Cal

CONTROLS –*ILLUMINATION* See CONTROLS –*PHOTOELECTRIC*
CONTROLS –*INSPECTION* See CONTROLS PROVIDING REQUIRED FUNCTION

CONTROLS –*LEVEL*
1. DRY MATERIALS 2. LIQUIDS

Acustica Associates, Inc., 2	10400 Aviation Blvd. Los Angeles 45	Cal
Airmec Ltd., 2	High Wycombe, Buckinghamshire	Eng
American Machine & Foundry Co., 2	1025 N Royal St. Alexandria	Va
Automatic Timing & Controls, Inc., 1-2	King of Prussia	Pa
Automation Products, Inc., 1-2	3030 Max Roy St, Houston 24	Tex
Autotron, Inc., 1-2	3629 N Vermilion St. Danville	Ill
Avien, Inc., 2	58-15 Northern Blvd. Woodside 77	NY
Bailey Meter Co., 2	1050 Ivanhoe Rd, Cleveland 10	Ohio
Bogue Electric Mfg. Co	52 Iowa Ave, Paterson 3	NJ
Breeze Corps., Inc., 2	700 Liberty Ave, Union	NJ
Bristol Co., 2	P.O. Box 1790EBG, Waterbury 20	Conn
Canadian Research Institute, 1	85 Curlew Dr. Don Mills	Ont
Controlomag Labs., 2	2450 Susquehanna, Roslyn	Pa
Cramer Controls Corp., 1-2	Box 13, Centerbrook	Conn
CURTISS-WRIGHT CORP. PRINCETON DIV., 1-2, Adv Pgs 382, 426, 494	**Princeton**	**NJ**
Cutler-Hammer, Inc., 2	411 N. 12 St, Milwaukee 1	Wisc
Dietz Co., Inc., Henry G., 1-2	12-16 Astoria Blvd, Long Island City 2	NY
Electronic Control Corp., 2	1573 E. Forest St, Detroit 7	Mich
Electronics Corp. of America, 2	1 Memorial Dr. Cambridge 42	Mass
Elesta Ltd. Electronic Controls, 2	Bad Ragaz, Switzerland	
Evershed & Vignoles Ltd., 1-2	Chiswick, London W. 4, England	
Fischer & Porter Co., 2	476 Warminster Rd, Warminster	Pa
Foxboro Co., The, 2	Foxboro	Mass
Fulton Sylphon Div., Robertshaw-Fulton, 2	P.O. Box 400, Knoxville 1	Tenn
GPE Controls, Inc., 2	240 E. Ontario St, Chicago 11	Ill
General Controls Co., 2	801 Allen Ave. Glendale 1	Cal
GENERAL ELECTRIC CO. APPARATUS SALES CO., 1-2, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
General Ultrasonics Co., 2	67 Mulberry St, Hartford 3	Conn
Gilmore Industries, Inc., 1-2	13015 Woodland Ave. Cleveland 20	Ohio
Hagan Chemicals & Controls, Inc., 2	Hagan Center, Pittsburgh 30	Pa
Hastings-Raydist, Inc., 2	Hampton 9	Va
Industrial Nucleonics Corp., 1-2	650 Ackerman Rd, Columbus 2	Ohio
Instruments, Inc., 2	Box 556, Tulsa	Okla
Isotope Developments Ltd., 1-2	Bath Rd Beenham, Reading, Berks	Eng
Leopold & Stevens Instruments Inc., 2	4445 NE Glisan St. Portland	Ore
Liquidometer Corp., 2	41-03 36th St, Long Island City 1	NY
Magnetic Instruments Co. Inc., 1-2	637 Commerce St. Thornwood	NY
Metrol Electronics Corp., 2	48 Toledo St. Farmingdale	NY
Microcell Electronics, 2	Blackwater, Nr. Camberley, Surrey	Eng
Minn-Honeywell, Appar Controls Div., 2	2753 4th Ave. S, Minneapolis 8	Minn
Minn-Honeywell, Brown Instruments Div., 2	Wayne & Windrim Aves. Philadelphia 44	Pa
Minn-Honeywell, Special Systems Div., 1-2	Queen & S Bailey St. Pottstown	Pa
National Electronics, 2	P.O. Box 1237, Sheridan	Wyo
Newark Controls Co., 2	15 Ward St. Bloomfield	NJ
Niagara Electron Laboratories, 1-2	Main & Greenwood Sts, Andover	NY
Nuclear Corp of America, 2	2 Richwood Pl, Denville	NJ
Ohmart Corp., 1-2	2236 Bogen St. Cincinnati	Ohio
Photobell Co. Inc., 1-2	12 E 22 St. New York 10	NY
POWERTRON ULTRASONICS, 1-2, Adv Pg 409	**Patterson Pl. Roosevelt Fld. Garden City**	**NY**
Precision Thermometer & Instrument Co., 2	1432 Brandywine St, Philadelphia	Pa
Prosin Co. Inc., 1	2014 Broadway, Santa Monica	Cal
Radio Dev. & Research Corp., 2	100 Penna. Ave. Paterson 3	NJ
Research Industrial Labs. of Electronics, 2	Paoli	Pa
Revere Corp. of America Sub., Neptune Meter Co., 2	Wallingford 2	Conn
Scientific Engineering Labs., 2	1510 8th St. Berkeley 10	Cal
Simmonds Precision Prods Inc., 2	105 White Plains Rd. Tarrytown	NY
Syracuse Electronics Corp., 1-2	Box 566, Syracuse 1	NY
Taylor Instrument Cos., 2	95 Ames St, Rochester	NY
Texas Instruments Incorporated, Apparatus Div. Ind Prods Gr., 2	3609 Buffalo Spdwy. Houston 6	Tex
Thermovolt Instruments Ltd., 2	70 Advance Rd. Toronto 18	Ont
Tracerlab, Inc., 1-2	1601 Trapelo Rd. Waltham 54	Mass
Trans-Sonics, Inc., 2	Box 328, Lexington 73	Mass
ULTRASONIC INDUSTRIES INC., 2, Adv Pg 417	**Ames Ct. Plainview**	**NY**
Ultrasonic Systems Inc., 2	2255 S Carmelina Ave. Los Angeles 64	Cal
United Control Corp., 2	Overlake Ind Pk. Box 3104, Seattle	Wash
U.S. GAUGE DIV. AMER-MACH & METALS, INC., 2, Adv. Pgs. 419, 420	**Sellersville**	**Pa**
Victory Engineering Corp., 2	101 Springfield Rd. Union	NJ
Warrick Co., Charles F., 2	1964 Wall Mile Rd, Berkley	Mich
Wells Industries Corp., 1-2	6880 Troost Ave, North Hollywood	Cal
Worner Electronic Devices, 1-2	Rankin	Ill

CONTROLS –*LOOP-REGULATING* See CONTROLS –*PHOTOELECTRIC*
CONTROLS –*MACHINE SAFETY* See CONTROLS –*CAPACITANCE-OPERATED*; CONTROLS –*PHOTOELECTRIC*

CONTROLS –*MACHINE-TOOL (MAGNETIC TAPE, PUNCHED CARD OR PUNCHED TAPE)*

Airmec Ltd	High Wycombe, Buckinghamshire, England	
Armstrong Whitworth Equipment	Hucclecote, Gloucester	Eng
Autonetics, Div., North American Aviation, Inc	9150 E. Imperial Hwy, Downey	Cal
Clark Controller Co.	1146 E 152nd St. Cleveland 10	Ohio
Clary Corp	408 Junipero St. San Gabriel	Cal
Concord Control, Inc	1282 Soldiers Field Rd, Boston 35	Mass
Consolidated Controls Corp	6 Durant Ave, Bethel	Conn
Control Equipment Corp	19 Kearney Rd, Needham Heights 94	Mass
Crestmont Electronics	2201 W Burbank Blvd, Burbank	Cal
Dage Div Thompson Ramo Wooldridge, Inc	Michigan City	Ind
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
Data Systems Dept. Norden Div. United Aircraft Corp.	2501 Harbor Blvd. Costa Mesa	Cal
Di/An Controls, Inc	944 Dorchester Ave. Boston	Mass
Eagle Signal Co Div Gamewell Co-E W Bliss Sub.	202-20th St. Moline	Ill
Electro Logic Corp	515 Boccaccio Ave. Venice	Cal
Electrol Specialties Co	441 Clark St. S Beloit	Ill
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
Hagen Mfg. Co. Div. Gamewell Co	104 Walnut St. Baraboo	Wis
Hughes Microwave Components Div	Florence & Teale, Culver City	Cal
INDUSTRIAL TIMER CORP., Adv Pg 381	**1407A McCarter Hwy. Newark 4**	**NJ**
Intimax Corp.	Bonifant & Fenton Sts, Silver Spring	Md
Jordan Controls, Inc	3225 W. Hampton, Milwaukee 9	Wisc
Kurz & Root Co	Appleton	Wisc
Lear Inc	3171 S Bundy Dr. Santa Monica	Cal
Lundy Mfg Corp	Robert Lane, Glen Head	NY
Minn-Honeywell, Military Prods Gr	2600 Ridgway Rd. Minneapolis 13	Minn
Nelson Instrument Co	Box 68, Spring Valley	Ill
Norden Div. United Aircraft Corp	Helen St. Norwalk	Conn
Pace Controls Corp.	661 Highland Ave. Needham Hts. 94	Mass
Pegasus Labs. Inc	3500 W 11 Mile Rd. Berkley	Mich
SANDERS ASSOCIATES INC., Adv Pg 380	**95 Canal St. Nashua**	**NH**
Specialties, Inc	Skunks Misery Rd. Syosset	NY
Square D Co.	4041 N. Richards, Milwaukee 12	Wisc
Teletype Corp	5555 W. Touhy Ave. Skokie	Ill
Texas Instruments Incorporated, Appar Div. Ind Prods Gr	3609 Buffalo Spdwy. Houston 6	Tex
Topp Industries, Inc	5221 W. 102 St, Los Angeles 45	Cal
Trott Electronics, Inc	412 Smith St, Rochester 8	NY

CONTROLS –*MATERIALS THICKNESS* See CONTROLS –*THICKNESS*

CONTROLS –*MECHANICAL OVERLOAD*

Assembly Products, Inc	75 Wilson Mills Rd, Chesterland 6	Ohio
AUTOTRONICS, INC., Adv Pg 401	**Box 208, Florissant**	**Mo**
BOWMAR INSTRUMENT CORP., Adv Pg 36	**8000 Bluffton Rd. Ft Wayne**	**Ind**
Kinetic Instrument Corp	1070 Linwood St, Brooklyn 8	NY
Kurz & Root Co	Appleton	Wisc
National Electronics	P.O. Box 1237, Sheridan	Wyo
North Electric Co	553 S Market St. Galion	Ohio
OVITRON CORP., Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
Square D Co	4041 N. Richards, Milwaukee 12	Wisc
Union Switch & Signal Div. Westinghouse Air Brake Co.	Pittsburgh 18	Pa
Winterburn Mfg. Co	P.O. Box 386, Putnam	Conn

CONTROLS –*MECHANICAL SWITCH* See SWITCHES –*AUTOMATICALLY OPERATED, LIMIT*

CONTROLS –*MOISTURE* See Also CONTROLS –*HUMIDITY*

American Machine & Foundry Co	1025 N Royal St. Alexandria	Va
Bristol Co.	Box 1790 EBG, Waterbury 20	Conn
Budd Electronics Inc	43-22 Queen St. Long Island City	NY
Compu Dyne Corp	400 S Warminster Rd. Hatboro	Pa
Consolidated Electrodynamics Corp	360 N Sierra Madre Villa, Pasadena	Cal
Controlled Atmosphere Enclosures Mfg Co	1061 E 8th St. Jacksonville 6	Fla
CURTISS-WRIGHT CORP. PRINCETON DIV., Adv Pgs 382, 426, 494	**Princeton**	**NJ**
Foxboro Co., The	Foxboro	Mass
Industrial Nucleonics Corp	650 Ackerman Rd. Columbus	Ohio
Leeds & Northrup Co	4970 Stenton Ave. Phila. 44	Pa
Marion Instrument Co., Inc.	Box 603, Mamaroneck	NY
Minn-Honeywell, Brown Instruments Div	Wayne & Windrim Aves, Philadelphia 44	Pa
Moisture Register Co	1510 W Chestnut St. Alhambra	Cal
National Electronics	Box 1237, Sheridan	Wyo
Niagara Electron Laboratories	Main & Greenwood Sts. Andover	NY
Nuclear Chicago Corporation	333 E. Howard St. Des Plaines	Ill
Ohmart Corp	2236 Bogen St. Cincinnati	Ohio
Parks Lab., Henry Francis	Box 1665, Lake City Sta. Seattle 55	Wash
Phys-Chemical Research Corp	48 E 12th St. New York 3	NY
Ridgefield Instrument Group, Schlumberger Corp.	Box 332, Ridgefield	Conn
Strandberg Engrg. Labs. Inc	225 Summit Ave. Greensboro	NC
Thermovolt Instruments, Ltd	70 Advance Rd, Toronto 18, Ontario, Canada	
Wells Industries Corp	6880 Troost Ave, North Hollywood	Cal

CONTROLS –*MOTOR SPEED*
1. ELECTRIC
2. ELECTRONIC, A-C MOTOR
3. ELECTRONIC, D-C MOTOR
See Also DRIVES –*VARIABLE-SPEED*

AC Spark Plug Div., General Motors, 1	7929 S. Howell, Oak Creek	Wisc
ACF Electronics Div., 2-3	Riverdale	Md
A R & D A, 1	135 Main St. Belleville 9	NJ
ACME ELECTRIC CORP., 3, Adv Pg 173	**Water St. Cuba**	**NY**
AIRPAX ELECTRONICS INC. SEMINOLE DIV., 1, Adv Pg 106	**Fort Lauderdale**	**Fla**
Allen-Bradley Co., 1-2-3	136 W Greenfield Ave. Milwaukee 4	Wis
Allis-Chalmers Mfg Co., 1-2-3	935 S 70th St. Milwaukee 1	Wis
American Machine & Foundry Co., 2-3	1025 N Royal St. Alexandria	Va
American Rectifier Corp., 1	95 Lafayette St, New York 13	NY
Amtab, Inc., 3	6330 Proprietors Rd. Worthington	Ohio
Applied Control Corp., 2-3	1000 Main St. Hackensack	NJ
Arnec Corp., 2	195 W Hills Rd. Huntington Sta	NY
Arrow-Hart & Hegeman Electric Co., 1	103 Hawthorn St. Hartford 6	Conn
Assembly Products, Inc., 1	75 Wilson Mills Rd, Chesterland 6	Ohio
Atchley Div., Raymond, 2-3	2339 Cotner Ave. Los Angeles 64	Cal
Atlas Controls Inc., 3	Orr. Bw. & Erie Dr. Natick	Mass
Automation Dynamics Corp., 2-3	215 County Rd. Tenafly	NJ
Basler Electric Co. Systems Sales, 1	Box 385, Highland	Ill
Boston Co., R. A., 2-3	57 Brooklyn Ave. Merrick	NY
Boesch Mfg. Div Waltham Prec Inst Co Inc., 1-2-3	41 River St. Danbury	Conn
Brach Mfg. Corp., 1-2-3	200 Central Ave, Newark	NJ
Bristol Co., 1	Box 1790 EBG, Waterbury 20	Conn
CTS of Canada Ltd., 3-4	80 Thomas St. Streetsville	Ont
Canadian Research Institute, 1-2-3	85 Curlew Dr. Don Mills	Ont
Carson Mfg. Co., Inc., 1	5424 E. 59th St, Indianapolis 20	Ind
Clark Controller Co., 1-2-3	1146 E 152nd St. Cleveland 10	Ohio
Control Technology Co., 1-2-3	1186 Broadway, New York 1	NY
Cutler-Hammer, Inc., 1-2-3	411 N. 12 St. Milwaukee 1	Wisc
Devco Engineering, Inc., 1	Pier Ln W., Caldwell	NJ
Dresser Electronics, HST Div., 2-3	555 N 5th St. Garland	Tex
Electric Machinery Mfg. Co., 1	800 Central Ave, Minneapolis 13	Minn
Electro-Devices, Inc., Servospeed Div., 3	4-6 Godwin Ave, Paterson	NJ
Electrol Specialties Co., 1	441 Clark St. South Beloit	Ill
Electromation Co., 2-3	4254 Glencoe Ave. Venice	Cal
Electronic Controls Inc., 3	66 Southfield Ave. Stamford	Conn
Electronic Products Mfg. Co. Inc., 3	S 110 Scott St. Spokane 3	Wash
Engineered Magnetics Div., Gulton, 2-3	13041 Cerise Ave, Hawthorne	Cal
Escotronics, 2-2	7030 S Vine St. LaGrange	Ill
Fairfield Controls Inc., 1-2-3	114 Manhattan St. Stamford	Conn
Feedback Controls Inc., 2-3	8 Erie Drive, Natick	Mass
FIFTH DIMENSION INC., 3, Adv Pg 483	**Box 483, Princeton**	**NJ**
General Controls Co., 2-3	801 Allen Ave, Glendale 1	Cal
GENERAL ELECTRIC CO. APPARATUS SALES, 1-3, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
General Electronic Control, Inc., 2-3	8001 Bloomington Frwy. Mpls 20	Minn
GENERAL MAGNETICS, INC., 1-2-3, Adv Pg 543	**Dept B, 2641 Louisiana Ave. Mapls 26**	**Minn**
General Radio Co., 2	West Concord	Mass
Genisco, Inc., 2	2233 Federal Ave, Los Angeles 64	Cal
Gerst & Co., Paul E., 2-3	4065 N. Clark, Chicago 40	Ill
Gibbs Mfg. & Research Corp., 2	454 N Main St. Janesville	Wis
Globe Industries, Inc., 1	1784 Stanley Ave. Dayton 4	Ohio
Green Rectifier Co., 1-3	1-10 30th St. Fair Lawn	NJ
Gyrex Corp., 2	3003 Pennsylvania Ave. Santa Monica	Cal
Hamilton Standard Div. United Aircraft Corp., 2-3	Broad Brook	Conn
HAYDON CO., A. W., 1-2-3, Adv Pgs 302, 303	**238 N Elm St. Waterbury**	**Conn**
Hurletron Inc. Elec Eye Equip Div., 1-2-3	1930 E Fairchild, Danville	Ill
Industrial Control Co., 1-2-3	Central Ave. at Pinelawn, Farmingdale	NY
KEARFOTT DIV. GEN PRECISION INC., 2-3, Adv Pg 394	**Little Falls**	**NJ**
Kingston Electronics, Div. Kingston Ind. Inc., 2-3	Medfield	Mass
Kurz & Root Co., 1-2-3	Appleton	Wisc
Leach Corp., 1	18435 Susana Rd. Compton	Cal
Leland Airborne Products Div. A M F, 3	Box 170, Vandalia	Ohio
Lumen, Inc., 2	Box 505, Joliet	Ill
MacLaren & Co. Inc., F. B., 2	15 Stone Pl. Huntington Station	NY
MAGNETIC AMPLIFIERS DIV. SIEGLER CORP., 1-2-3, Adv Pg 295	**632 Tinton Ave. New York 55**	**NY**
Minn-Honeywell, Special Systems Div., 3	Queen & S Bailey St. Pottstown	Pa
Motordyne Inc., 1	2221 Barry Ave. Los Angeles	Cal
National Electronics, 1-2-3	Box 1237, Sheridan	Wyo
Nelson Electric Mfg. Co., 1	P.O. Box 5216, Tulsa 16	Okla
Norbatrol Electronics Corp., 2-3	356 Collins Ave. Pittsburgh 6	Pa
OHMITE MFG. CO., 1, Adv Pgs 276, 277	**3601 Howard St. Skokie**	**Ill**
OPAD ELECTRIC CO., 1, Adv Pg 408	**43-5 Walker St. New York 13**	**NY**
Osborne Electric Co. Ltd., 1	95 Wesley St. Toronto 18	Ont
Oster Mfg Co. John, Avionics Div., 3	1 N Main St. Racine	Wis
OVITRON CORP., 1-2-3, Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
Pace Controls Corp., 1	661 Highland Ave. Needham Hts. 94	Mass
Pintsch Bamag AG, 1-2-3	Postfach 11, Butzbach, Germany	
Radio Dev. & Research Corp., 1-2-3	100 Penna. Ave. Paterson 3	NJ
Regulators, Inc., 1	455 W Main St. Wyckoff	NJ
Research Inc., 1	Box 6164, Edina Br. Mpls 24	Minn
Rosemetta Co., R C., 1-2	902 Fair Oaks Ave, South Pasadena	Cal
Servomex Controls Ltd., 3	Crowborough, Sussex, England	
Servo-Tek Products Co., Inc., 1-2-3	1086 Goffle Rd, Hawthorne	NJ
Slater Electric Inc., 1-3	45 Sea Cliff Ave. Glen Cove	NY
Square D Co., 1-2-3	4041 N. Richards, Milwaukee 12	Wisc
Sun Electric Co., 2-3	6323 Avondale St. Chicago 31	Ill
Superior Electric Co., The, 1	383 Middle St. Bristol	Conn
Thompson Ramo Wooldridge Inc. Tapco Group, 2	23555 Euclid Ave. Cleveland 17	Ohio
TOROTRON CORP., 3, Adv Pg 234	**256 E 3rd St. Mt Vernon**	**NY**
TREPAC CORP OF AMERICA, 3, Adv Pgs 415, 426	**30 W Hamilton Ave. Englewood**	**NJ**
Trott Electronics, Inc., 3	412 Smith St. Rochester 8	NY
VARO, INC., 2-3 Adv Pg 118	**2201 Walnut St. Garland**	**Tex**
VecTrol Engineering Inc., 3	Box 1089, Stamford	Conn
Vickers Inc. Electric Products Div., 1	1815 Locust St. St Louis 3	Mo
Vac Line Inc., 2	35 S St. Clair St. Dayton 2	Ohio
WARD LEONARD ELECTRIC CO., 1, Adv Pgs 338, 339	**23 South St. Mt. Vernon**	**NY**
Weltronic Co., 2-3	19500 W. Eight Mile Rd, Southfield	Mich
Westinghouse-Gen Purpose Controls Dept., 1	Buffalo	NY
Westinghouse-Standard Control Div., 1	Beaver	Pa
Winterburn Mfg. Co., 1	P.O. Box 386, Putnam	Conn
Wright Machinery Co. Div. Sperry Rand Corp., 1-2-3	Durham	NC

CONTROLS –*NOISE-ACTUATED* See CONTROLS –*SOUND-ACTUATED*

CONTROLS –*OXYGEN*

Automation Products Inc	3030 Max Roy St. Houston 24	Tex
Bailey Meter Co	1050 Ivanhoe Rd. Cleveland 10	Ohio
Clary Corp	408 Junipero St. San Gabriel	Cal
Foxboro Co., The	Foxboro	Mass
Leeds & Northrup Co	4970 Stenton Ave, Philadelphia 44	Pa
Mercoid Corp	4201 Belmont Ave, Chicago 41	Ill
Radio Dev. & Research Corp	100 Penna. Ave. Paterson 3	NJ
Servomex Controls Ltd	Crowborough, Sussex	Eng
Thermovolt Instruments Ltd	70 Advance Rd. Toronto 18	Ont

CONTROLS –*PACKAGE-WRAPPING* See CONTROLS –*PHOTOELECTRIC*

CONTROLS –*pH*

A. O. I. P.	23 Pl. Jeanne d'Arc, Paris 13	Fr

Bailey Meter Co. — 1050 Ivanhoe Rd. Cleveland 10 — Ohio
Bristol Co. — P.O. Box 1790EBG, Waterbury 20 — Conn
Foxboro Co., The — Foxboro — Mass
Hagan Chemicals & Controls Inc — Hagan Center, Pittsburgh 30 — Pa
Leeds & Northrup Co — 4970 Stenton Ave, Philadelphia 44 — Pa
Sunshine Scientific Instrument — 1810 Grant Ave. Philadelphia 15 — Pa
Thermo Electric Co. Inc. — 109 5th St. Saddle Brook — NJ
Thermovolt Instruments Ltd. — 70 Advance Rd. Toronto 18 — Ont

CONTROLS – PHOTOELECTRIC

1. COLOR
2. COUNTING
3. GENERAL-PURPOSE
4. ILLUMINATION
5. LOOP-REGULATING
6. PHOTOGRAPHIC EXPOSURE OFF OR PERFORATED)
7. REGISTER (PRINTING, CUT-
8. SKEW
9. SMOKE & COMBUSTION
10. SORTING
11. TENTERING-TRACER
12. TURBIDITY

DENSITY See CONTROLS – DENSITY DOOR-OPENING See CONTROLS – DOOR

Airmec Ltd., 2-3-9 — High Wycombe, Buckinghamshire — Eng
Allied Research Associates Inc., 1-10 — 43 Leon St. Boston 15 — Mass
American Machine & Foundry Co., 3-12 — 1025 N Royal St. Alexandria — Va
Ardwin Microlab Inc., 2 — 21 Spencer St. Somerville 80 — Mass
Astral Electronics Inc., 2 — 14520 Aranata St. Van Nuys — Cal
Atlee Corp. Monitor Controller Div., 2-3-7-10 — 99 Grove St. Rockland — Mass
Atronic Products, Inc., 1-2-10 — 1 Bala Ave, Bala-Cynwyd — Pa
Autotron, Inc., 2-3-4-5-7-8-9-12 — 3629 N Vermilion St. Danville — Ill
Baird-Atomic Inc., 2-3-6 — 33 University Rd. Cambridge 38 — Mass
Bausch & Lomb Inc., 1 — 61402 Bausch St. Rochester 2 — NY
Berkeley/Dynamics, 2-3-4-10 — Box 1090, Burlingame — Cal
Bristol Co., 9 — Box 1790 EBG, Waterbury 20 — Conn
Canadian Research Institute, 1-2-3-9-10 — 85 Curlew Dr. Don Mills — Ont
CETRON ELECTRONICS CORP., 4, Adv Pg 379 — 715 Hamilton, Geneva — Ill
Clark Controller Co., 1-2-3-5-9-10 — 1146 E 152nd St. Cleveland 10 — Ohio
Clark Electronic Labs., 3 — Box 165, Palm Springs — Cal
Colls-Electronic Co., 3-5-7 — 2349-41 N. 2nd St. Philadelphia 33 — Pa
Computer-Measurements Co., 2 — 12971 Bradley Ave. Sylmar — Cal
Cramer Controls Corp., 2-3-7 — Box 13, Centerbrook — Conn
Crouse-Hinds Co. Ark-trol Dept., 4 — Wolf & 7th N Sts. Syracuse 1 — NY
DAVENPORT MFG. DIV.-DUNCAN ELEC. CO., 2-3, Adv Pg 451 — 2530-32 N Elston Ave. Chicago 47 — Ill
Daystrom Inc. Weston Instruments Div., 6 — 614 Frelinghuysen Ave. Newark 12 — NJ
Dietz Co. Inc., 2-3-5-7-10 — 9 E Wesley St. S Hackensack — NJ
Di/An Controls, Inc., 2-10 — 944 Dorchester Ave. Boston — Mass
DURANT MFG. CO., 2, Adv Pg 90 — 1912-A N. Buffum St. Milwaukee 1 — Wis
Dynamic Instrumentation Co., 5 — 1118 Mission, S. Pasadena — Cal
Ebert Electronics Corp., 4 — 212-25 Jamaica Ave. Queens Village 28 — NY
Electro-Physics Co., 6 — 287 Broadway, New York 7 — NY
Electro Radiation Inc., 1-3 — 11916 W Pico Blvd. Los Angeles 64 — Cal
Electrol Specialties Co., 2 — 441 Clark St. S Beloit — Ill
Electron-Radar Products, 1-2-3-4-9 — 4806 W. Chicago Ave, Chicago 51 — Ill
Electronic Control Corp., 2-3-4-5 — 1573 E. Forest St. Detroit 7 — Mich
Electronic Controls Inc., 2 — 66 Southfield Ave. Stamford — Conn
Electronic Machine Parts, Inc., 7 — 135-11 14th Ave, College Point 56 — NY
Electronics Corp. of America, 3-5-7-9-10 — 1 Memorial Dr. Cambridge 42 — Mass
Elesta Ltd. Electronic Controls, 2-3-4-6 — Bad Ragaz, Switzerland
Emery Kondolis, Inc., 4 — 15 E First St. Cantor — Ill
ERIE-PACIFIC DIV. ERIE RESISTOR CORP., 2, Adv Pg 206 — 12932 S Weber Way, Hawthorne — Cal
Farmer Electric Products Co., 2-3-5-7-8-9 — 2300 Washington St. Newton Lower Falls 62 — Mass
The Fisher-Pierce Co., 4 — 170 Pearl St. South Braintree 85 — Mass
Flight Research, Inc., 4-6 — Box 1-F, Richmond 1 — Va
GPE Controls, Inc., 7-11 — 240 E. Ontario St. Chicago 11 — Ill
Gardner Lab. Inc., 1 — Box 5728-E, Bethesda 14 — Md
General Controls Co., 2-9 — 801 Allen Ave. Glendale 1 — Cal
GENERAL ELECTRIC CO. APPARATUS SALES, 2-3-5-7-9-10, Adv Pgs 8, 9 — 1 River Rd. Schenectady 5 — NY
Gordon Enterprises, 6 — 5362 N. Cahuenga Blvd. N. Hollywood — Cal
Gyro Electronics Corp — Box 184, La Grange — Ill
HUGHEY & PHILLIPS, INC., 3, Adv Pg 549 — 3200 N San Fernando Blvd. Burbank — Cal
Hurletron Inc. Elec Eye Equip Div., 1-7 — 1910 E Fairchild, Danville — Ill
I-L-S Instrument Div., Marion Instrument Co., 3 — 4625 W. 160th St. Cleveland 35 — Ohio
Intercontinental Dynamics Corp., 11 — 170 Coolidge Ave. Englewood — NJ
Intimex Corp., 2 — Howland & Fenton Sts. Silver Spring — Md
Jordan Controls Inc., 7 — 3225 W Hampton, Milwaukee 9 — Wis
Keuffel & Esser Co., 3-5 — 300 Adams St. Hoboken — NJ
Leeds & Northrup Co., 9 — 4970 Stenton Ave. Phila. 44 — Pa
Life Instrument Co. Inc., 3 — 101 Brown St. Franklin — Mass
Lightguard Electronic Mfg. Co. Inc., 3-4 — 1213 S Emanuel Houston 3 — Tex
LIONEL CORP., THE, 2-3-5, Adv. Pgs. 220, 221 — Hoffman Pl. Hillside — NJ
Lumen, Inc., 2 — Box 906, Joliet — Ill
Machinery Electrification, Inc., 3-12 — 56 Hudson St. Northboro — Mass
MacLaren & Co. Inc., F. B., 6 — 15 Staper Pl. Huntington Station — NY
Mason Instrument Co. Inc., 1-2-3-4-5-6-7-8-9-10-11-12 — Box 683, Mamaroneck — NY
Melpar Inc., 1-2-3-4-5-7-8-9-10-11-12 — 3000 Arlington Blvd. Falls Church — Va
Micro Balancing, Inc., 4 — 191 Herricks Rd. Garden City Park — NY
NASH & HARRISON LTD., 2-7-10 Adv Pg 526 — 1355 Wellington St. Ottawa — Ont
National Electronics, 4-5 — Box 1237, Sheridan — Wyo
Niagara Electron Laboratories, 3 — Main & Greenwood Sts, Andover — NY
North Electric Co., 4 — 553 S Market St. Galion — Ohio
Nugent Electronics Co. Inc., 6 — 102 E 8th St. New Albany — Ind
Optomechanisms Inc., 6 — 216 E 2nd St. Mineola — NY
Osborne Electric Co. Ltd., 3 — 95 Manley St. Toronto 18 — Ont
Phillips Electronics Mfg Co., 6 — 119 Allen Blvd. Farmingdale — NY
Phoenix Precision Instrument Co., 3-9-12 — 3605 N. Fifth St. Philadelphia — Pa
Photobell Co. Inc., 1-2-3-4-5-7-8-9-10-11-12 — 12 E 22 St. New York 10 — NY
PHOTOCHRON INSTRUMENTS INC., 1-6, Adv Pg 516 — 662 Main St. Westbury — NY
Photomation, Inc., 12 — 88 S Washington Ave. Bergenfield — NJ
Post Electronics Products, 2-3-7-9-10 — 12 Lothrop St. Beverly — Mass
Presin Co. Inc., 1-2-3-7 — 2014 Broadway, Santa Monica — Cal
RIPLEY CO. INC., 4, Adv Pg 415 — 1 Factory St. Middletown — Conn
SIGMA INSTRUMENTS INC., 3, Adv Pgs 169-172 — 180 Pearl St. S Braintree 85 — Mass
Specialties, Inc., 1-6 — Skunks Misery Rd, Syosset — NY
Spectra Electronics Co., 1-2-4 — 250 E. 3rd St. Mt. Vernon — NY
Strand Engineering Co., 2-10 — 7300 Huron River Dr. Dexter — Mich
Straza Industries, 3 — 790 Greenfield Dr. El Cajon — Cal
Strempel Instrument Corp., 3 — R. D. 1, Lake George — NY
Sunshine Scientific Instrument, 1 — 1810 Grant Ave. Philadelphia 15 — Pa
Syracuse Electronics Corp., 1-2-3 — Box 566, Syracuse 1 — NY
Tork Time Controls, Inc., 4 — 32 Grove St. Mt. Vernon — NY
Tri-Tronics Co., 3-7-10 — 2607 St Charles Rd. Bellwood 5 — Ill
Trott Electronics, Inc., 2-3-6-10 — 412 Smith St, Rochester 8 — NY
U. S. Nuclear Corp., 9 — 801 N. Lake St. Burbank — Cal
Universal Instruments Corp., 3 — 139 E Frederick St. Binghamton — NY
VecTrol Engineering Inc., 5 — Box 1089, Stamford — Conn
Veeder-Root Inc., 2 — Hartford 2 — Conn
Wells Industries Corp., 1-2-3-4-5-7-9-10-12 — 6880 Troost Ave. Hollywood — Cal
Whitehall Electronics Corp., 2-5-10 — 1645 Hennepin Ave. Mnpls 3 — Minn
Warner Electronic Devices, 2-3-4-5-9-10-12 — Rankin — Ill

CONTROLS – POSITIONING

A G A Corp. — 1200 Duke St. Alexandria — Va
A R & D A — 135 Main St. Belleville 9 — NJ
Advance Instrument Corp — F St. Delmar — NJ
Aerospace Controls — 602 Colorado Ave. Santa Monica — Cal
Atlee Corp. Monitor Controller Div. — 99 Grove St. Rockland — Mass
Automation Dynamics Corp — 255 County Rd. Tenafly — NJ
AUTOTRONICS, INC., Adv Pg 481 — Box 208, Florissant — Mo
BENDIX CORP. MONTROSE DIV., Adv Pg 372 — South Montrose — Pa
Beemcraft & Fuchs, Inc — Hatboro Ind Park, Hatboro — Pa
Bristol Co. — Box 1790 EBG, Waterbury 20 — Conn
Clark Controller Co — 1146 E. 152 St. Cleveland 10 — Ohio
Concord Control, Inc — 1282 Soldiers Field Rd. Boston 35 — Mass
Consolidated Controls Corp — 6 Durant Ave, Bethel — Conn
Control Equipment Corp — 19 Kearney Rd, Needham Heights 94 — Mass
Dietz Co. Inc — 9 E Wesley St. S Hackensack — NJ
Di/An Controls, Inc — 944 Dorchester Ave. Boston — Mass
EMI-Cossor Electronics Ltd — Box 525 Dartmouth NS — Can
Electromation Co — 4254 Glencoe Ave. Venice — Cal
Electronic Controls Inc — 66 Southfield Ave. Stamford — Conn
Electronics Corp. of America — 1 Memorial Dr. Cambridge 42 — Mass
Evershed & Vignoles Ltd — Chiswick, London W 4 — Eng
Foxboro Co., The — Foxboro — Mass
GPE Controls, Inc — 240 E. Ontario St. Chicago 11 — Ill
General Controls Co — 801 Allen Ave. Glendale 1 — Cal
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9 — 1 River Rd. Schenectady 5 — NY
General Radio Co — West Concord — Mass
Giannini Controls Corp. — 1600 S Mountain Ave. Duarte — Cal
Hagan Chemicals & Controls Inc — Hagan Center, Pittsburgh 30 — Pa
HAYDON CO., A. W., Adv Pg 302, 303 — 238 N Elm St. Waterbury — Conn
Industrial Control Co — Central Ave. at Pinelawn, Farmingdale — NY
Intercontinental Dynamics Corp — 170 Coolidge Ave, Englewood — NJ
Jaratrol Aircraft Div. Midland-Ross Corp — 4200 Surface Rd. Columbus 4 — Ohio
Jordan Controls, Inc — 3225 W. Hampton, Milwaukee 9 — Wisc
Kinetic Instrument Corp — 1071 Linwood St. Brooklyn 8 — NY
Kollsman Instrument Corp Sub Standard Kollsman Ind Inc — 80-08 45th Ave. Elmhurst 73 — NY
Lear, Inc. — 3171 S. Bundy Dr. Santa Monica — Cal
Leeds & Northrup Co — 4970 Stenton Ave. Phila. 44 — Pa
Leupold & Stevens Instruments Inc — 4445 NE Glisan St. Portland — Ore
LIONEL CORP., THE, Adv Pgs 220, 221 — Hoffman Pl. Hillside — NJ
Lumen, Inc. — Box 905, Joliet — Ill
MacLaren & Co. Inc., F. B — 15 Staper Pl. Huntington Station — NY
MAGNETIC AMPLIFIERS DIV. SIEGLER CORP., Adv Pg 295 — 632 Tinton Ave. New York 55 — NY
MAGNETICS INC. IND. CONTROL EQUIP., Adv Pg 274 — Butler — Pa
MAICO ELECTRONICS, INC., Adv Pg 153 — 21 N 3rd St. Minneapolis 1 — Minn
Mason Instrument Co. Inc — Box 683, Mamaroneck — NY
Miniature Corp. — 14 Clinton Pl. Belle Mead — NJ
Minn-Honeywell, Aero Controls Div — 2753 4th Ave. S, Minneapolis 8 — Minn
Minn-Honeywell, Special Systems Div — Queen & S Bailey St. Pottstown — Pa
MODEL ENG. & MFG. CORP., Adv Pg 480 — 50 Frederick St. Huntington — Ind
Muirhead & Co., Ltd — Beckenham, Kent, England
OVITRON CORP., Adv Pg 540 — 42-62 Jobnes St. Newburgh — NY
Pace Controls Corp — 661 Highland Ave. Needham Hts. 94 — Mass
Pegasus Labs. Inc — 3500 W 11 Mile Rd. Berkley — Mich
Penn Keystone Corp. — Box 350, Darby — Conn
Performance Measurements Co — 15120 3rd Ave. Detroit 3 — Mich
Post Electronics Products — 12 Lothrop St. Beverly — Mass
Precision Mechanisms Corp — 577 Newbridge Ave, East Meadow — NY
Research, Inc — P.O. Box 6164, Edina Br. Memphis 24 — Minn
Rotiform Co — 1508 Colorado Ave. Santa Monica — Cal
SANDERS ASSOCIATES INC., Adv Pg 380 — 95 Canal St. Nashua — NH
Scamy Bros. Inc — 4615 W 67 St. Chicago 38 — Ill
Servo-Tek Products Co. Inc — 1086 Goffle Rd, Hawthorne — NJ
SIGMA INSTRUMENTS INC., Adv Pgs 169-172 — 180 Pearl St. S Braintree 85 — Mass
Smith Mfg. Co., J & H — Little Britain Rd, Newburgh — NY
Specialties, Inc — Skunks Misery Rd. Syosset — NY
Spectrol Electronics Corp — 1704 S Del Mar, San Gabriel — Cal
Syracuse Electronics Corp. — Box 566, Syracuse 1 — NY
Taylor Instrument Cos — 95 Ames St. Rochester — NY
Texas Instruments Incorporated, Apparatus Div. Ind Prods Gr — 3609 Buffalo Spdwy. Houston 6 — Tex
Topp Industries, Inc — 5221 W. 102 St. Los Angeles 45 — Cal
Union Switch & Signal Div. Westinghouse Air Brake Co — Pittsburgh 18 — Pa
VecTrol Engineering Inc — Box 1089, Stamford — Conn
WALLSON ASSOCIATES INC., Adv Pg 209 — 912 Westfield Ave. Elizabeth — NJ
Wang Laboratories, Inc — 12 Huron Dr. Natick — Mass
Wells Industries Corp — 6880 Troost Ave, North Hollywood — Cal
Warner Electronic Devices — Rankin — Ill

CONTROLS – POWER LEVEL See RESISTORS – WIRE-WOUND VARIABLE: SWITCHES – MULTI-CONTACT

CONTROLS – PRESSURE

AC Spark Plug Div., General Motors — 7929 S. Howell, Oak Creek — Wisc
A R & D A — 135 Main St. Belleville 9 — NJ
American-Standard, Controls Div — 5900 Trumbull, Detroit 8 — Mich
Astronics Div. Mitchell Camera Corp. — 666 W Harvard, Glendale 4 — Cal
Automation Dynamics Corp — 255 County Rd. Tenafly — NJ
BENDIX CORP. MONTROSE DIV., Adv Pg 372 — South Montrose — Pa
Beemcraft & Fuchs, Inc — Hatboro Ind Park, Hatboro — Pa

Bristol Co. — Box 1790 EBG, Waterbury 20 — Conn
Consolidated Controls Corp. — 6 Durant Ave, Bethel — Conn
Consolidated Electrodynamics Corp — 360 N Sierra Madre Villa, Pasadena — Cal
Cutler-Hammer, Inc — 411 N. 12 St. Milwaukee 1 — Wisc
Daystrom-Wiancko Eng Co — 255 N Halstead Ave, Pasadena — Cal
Denison Engrg. Div., American Brake Shoe Co — 1160 Dublin Rd, Columbus 16 — Ohio
DeVilbiss Co. — 300 Phillips Ave, Toledo 1 — Ohio
Dietz Co., Inc., Henry G. — 12-16 Astoria Blvd. Long Island City 2 — NY
Edison Ind. Thos A. Instr Div. McGraw-Edison Co. — 81 Lakeside Ave. W Orange — NJ
Electronics Corp of America — 1 Memorial Dr. Cambridge 42 — Mass
Evershed & Vignoles Ltd — Chiswick, London W 4 — Eng
Fischer & Porter Co — 475 Warminster Rd, Warminster — Pa
Foxboro Co., The — Foxboro — Mass
Fulton Sylphon Div., Robertshaw-Fulton — P.O. Box 400, Knoxville 1 — Tenn
GPE Controls, Inc — 240 E. Ontario St. Chicago 11 — Ill
General Controls Co — 801 Allen Ave, Glendale 1 — Cal
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9 — 1 River Rd. Schenectady 5 — NY
Giannini Controls Corp — 1600 S. Mountain Ave, Duarte — Cal
Hagan Chemicals & Controls Inc — Hagan Center, Pittsburgh 30 — Pa
Industrial Control Co — Central Ave. at Pinelawn, Farmingdale — NY
Jarotrol Aircraft Div. Midland-Ross Corp — 4200 Surface Rd. Columbus 4 — Ohio
Kollsman Instrument Corp Sub Standard Kollsman Ind Inc — 80-08 45th Ave. Elmhurst 73 — NY
Laboratory For Electronics, Inc. — 1079 Commonwealth Ave. Boston 15 — Mass
Lumen, Inc. — Box 905, Joliet — Ill
MAGNETICS INC. IND. CONTROL EQUIP., Adv Pg 274 — Butler — Pa
Mason Instrument Co. Inc. — Box 683, Mamaroneck — NY
Mercoid Corp — 4201 Belmont Ave, Chicago 41 — Ill
Minn-Honeywell, Aero Controls Div — 2753 4th Ave. S, Minneapolis 8 — Minn
Minn-Honeywell, Special Systems Div — Queen & S Bailey St. Pottstown — Pa
National Electronics — P.O. Box 1237, Sheridan — Wyo
OPW-Jordan, Div Dover Corp — 6013 Wiehe Rd. Cincinnati 13 — Ohio
Research, Inc — P.O. Box 6164, Edina Br, Memphis 24 — Minn
SIGMA INSTRUMENTS INC., Adv Pgs 169-172 — 180 Pearl St. S Braintree 85 — Mass
Spectrol Electronics Corp — 1704 S Del Mar, San Gabriel — Cal
Taylor Instrument Cos — 95 Ames St. Rochester — NY
Trans-Sonics, Inc. — Box 328, Lexington 73 — Mass
United Electric Controls Co — 85 School St. Dept-C, Watertown 72 — Mass
VACTRONIC LAB. EQUIPMENT, INC., Adv Pg 560 — 21 Monmouth Ct. East Northport — NY
Wallace & Tiernan, Inc. — 25 Main St, Belleville 9 — NJ

CONTROLS – PROPORTIONING

Atlee Corp. Monitor Controller Div. — 99 Grove St. Rockland — Mass
Automation Dynamics Corp — 255 County Rd. Tenafly — NJ
Beemcraft & Fuchs, Inc — Hatboro Ind Park, Hatboro — Pa
Bristol Co. — Box 1790 EBG, Waterbury 20 — Conn
Di/An Controls, Inc — 944 Dorchester Ave. Boston — Mass
Eagle Signal Co Div Gamewell Co-EW Bliss Sub — 202-20th St. Moline — Ill
ERIE-PACIFIC DIV. ERIE RESISTOR CORP., Adv Pg 206 — 12932 S Weber Way, Hawthorne — Cal
Evershed & Vignoles Ltd — Chiswick, London W 4 — Eng
Foxboro Co., The — Foxboro — Mass
GPE Controls, Inc — 240 E. Ontario St. Chicago 11 — Ill
General Controls Co — 801 Allen Ave. Glendale 1 — Cal
Hagan Chemicals & Controls Inc — Hagan Center, Pittsburgh 30 — Pa
HARREL INC., Adv Pg 332 — 1780 1st Ave. New York 28 — NY
Howe Scale Co. — Rutland — Vt
Industrial Control Co — Central Ave. at Pinelawn, Farmingdale — NY
Jarotrol Aircraft Div. Midland-Ross Corp — 4200 Surface Rd. Columbus 4 — Ohio
Jordan Controls, Inc — 3225 W. Hampton, Milwaukee 9 — Wisc
Kinetic Instrument Corp — 1071 Linwood St. Brooklyn 8 — NY
Lear Inc — 3171 S Bundy Dr. Santa Monica — Cal
Leeds & Northrup Co — 4970 Stenton Ave. Phila. 44 — Pa
Lumen, Inc. — Box 905, Joliet — Ill
MAGNETICS INC. IND. CONTROL EQUIP., Adv Pg 274 — Butler — Pa
Mason Instrument Co. Inc. — Box 683, Mamaroneck — NY
Minn-Honeywell, Special Systems Div — Queen & S Bailey St. Pottstown — Pa
OVITRON CORP., Adv Pg 540 — 42-62 Jobnes St. Newburgh — NY
Plug-In Instruments, Inc — 1416 Lebanon Rd. Nashville 10 — Tenn
Post Electronics Products — 12 Lothrop St. Beverly — Mass
Research, Inc — P.O. Box 6164, Edina Br, Memphis 24 — Minn
SIGMA INSTRUMENTS INC., Adv Pgs 169-172 — 180 Pearl St. S Braintree 85 — Mass
Syracuse Electronics Corp. — Box 566, Syracuse 1 — NY
Taylor Instrument Cos — 95 Ames St. Rochester — NY
United Electric Controls Co — 85 School St. Dept-C, Watertown 72 — Mass
Vapor Heating Corp — 80 E Jackson Blvd. Chicago 4 — Ill
Wallace & Tiernan, Inc — 25 Main St, Belleville 9 — NJ
West Instrument Corp — 4363 W. Montrose, Chicago 41 — Ill

CONTROLS – RADAR See RADAR
CONTROLS – REGISTER See CONTROLS – PHOTOELECTRIC

CONTROLS – REMOTE

1. RADIO 2. WIRELINE

A G A Corp. — 1200 Duke St. Alexandria — Va
A.R.F. Products, Inc., 1 — 7627 Lake St. River Forest — Ill
Aircraft Radio Corp., 1 — Boonton — NJ
American Machine & Foundry Co., 1 — 1025 N Royal St. Alexandria — Va
APPLIED ELECTRONICS CORP. OF NJ, 1, Adv Pg 518 — 22 Center St. Metuchen — NJ
Arcop Div., Electro Mechanical Research, Inc., 1-2 — P.O. Box 41, Princeton — NJ
Avco Corp., Crosley Div., 1 — 1329 Arlington St, Cincinnati 25 — Ohio
Babcock Electronics Corp., 1 — 1640 Monrovia Ave. Costa Mesa — Cal
BENDIX CORP. MONTROSE DIV., 2, Adv Pg 372 — South Montrose — Pa
Calbest Electronics Co., 1 — 4801 Exposition Blvd. Los Angeles 16 — Cal
Canadian Marconi Co., 1 — 2444 Trenton Ave. Montreal — Que
Communications Co. Inc., 1 — 300 Greco Ave. Coral Gables 34 — Fla
Continental Electronics Mfg. Co. Sub Ling-Temco Electronics, Inc., 1-2 — 4212 S Buckner Blvd. Dallas 27 — Tex
Control Corp., 1-2 — 718 Central Ave. Minneapolis 14 — Minn
Cramer, Inc., 1 — 4747 Howard St, Chicago 46 — Ill
Daystrom Inc. Control Systems Div., 2 — 4455 Miramar Rd. La Jolla — Cal
Electro-Mechanical Research, Inc., 1-2 — Box 3041, Sarasota — Fla
Electronic Controls Inc., 2 — 66 Southfield Ave. Stamford — Conn
Evershed & Vignoles Ltd., 2 — Chiswick, London W. 4, England

Fedtro, Inc., 1	Fed Elect Bldg, Rockville Centre	NY
General Mills, Inc., 1	2620 Central Ave, Minneapolis 13	Minn
Hagan Chemicals & Controls Inc., 2	Hagan Center, Pittsburgh 30	Pa
HALLICRAFTERS CO., 1-2, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
Jensen Electronics Mfg., 1	2233 University Ave, St. Paul	Minn
Jem Electronics Corp., 2	743 Circle Ave, Forest Park	Ill
Jordan Controls Inc., 2	3025 W Hampton, Milwaukee 9	Wis
Kaar Engineering Corp., 1	2995 Middlefield Rd. Palo Alto	Cal
Lear Inc., 1-2	3171 S Bundy Dr. Santa Monica	Cal
LIONEL CORP., THE, 1-2, Adv Pgs 220, 221	**Hoffman Pl. Hillside**	**NJ**
Lynch Communication Systems Inc., 1-2	695 Bryant St, San Francisco 7	Cal
Marconi's Wireless Telegraph Co. Ltd., 1	750 3rd Ave. New York 17	NY
Minn-Honeywell, Special Systems Div., 2	Queen & S Bailey St. Pottstown	Pa
Mobil Electronics, Inc., 1	1111 State Rd 67E, Anderson	Ind
Moore Associates, Inc., 1-2	893 American St. San Carlos	Cal
Morrow Radio Mfg. Co., 1	2794 Market St, Salem	Ore
Motorola Communications & Electronics, Inc., 1	4501 Augusta Blvd, Chicago 51	Ill
Muirhead & Co., Ltd., 2	Beckenham, Kent, England	
Multitone Electronics Ltd., 1	130 Merton St. Toronto 7	Can
Neill Co., Inc., R.K., 2	4320 W. Montrose, Chicago 41	Ill
Nichols, Ltd., R.K., 1	4544 Dufferin St. Downsview	Ont
North Electric Co., 1-2	553 S. Market St, Galion	Ohio
NORTHERN RADIO CO. INC., 1-2, Adv Pgs 137-139	**143-145 W 22 St. New York**	**NY**
Nugent Electronics Co. Inc., 2	802 E 8th St. New Albany	Ind
PACKARD-BELL ELECTRONICS CORP. TECHNICAL PRODUCTS DIV., 1-2, Adv Pg 49	**12333 W Olympic Blvd. Los Angeles 64**	**Cal**
Peer Inc., 1	2624 Shelby St. Dallas 19	Tex
Perma-Power Co., 1	3100 N. Elston Ave, Chicago 18	Ill
Philips Electronic Instruments., 1	750 S Fulton Ave. Mt. Vernon	NY
Pyramid Instrument Corp., 2	630 Merrick Rd. Lynbrook	NY
Ratelco, 1	820 Minor Ave. N, Seattle	Wash
Sargent & Greenleaf Inc., 1-2	24 Seneca Ave, Rochester	NY
Secode Corp., 1-2	555 Minnesota St, San Francisco 7	Cal
Sierra Electric Corp., 2	15100 S. Figueroa St, Gardena	Cal
Sperry Phoenix Co. Div. Sperry Rand Corp., 1	21111 N 19th Ave. Phoenix 27	Ariz
Standard Tel. & Cables Ltd., 1-2	29 Glasshouse Yard, London	Eng
Surface Conduction, Inc., 2	1501 Broadway, New York 36	NY
SYNTRONIC INSTRUMENTS INC., 6, Adv Pg 434	**100 Industrial Rd. Addison**	**Ill**
Tamar Electronics, Inc., 1	2045 W. Rosecrans Ave, Gardena	Cal
TECHNICAL MATERIEL CORP., 1-2, Adv Pg 346	**700 Fenimore Rd. Mamaroneck**	**NY**
Telechrome Mfg Corp., 1-2	185 Dixon Ave. Amityville	NY
Telecom, Inc., 1	1019 Admiral Blvd, Kansas City	Mo
Teletype Corp., 2	5555 W. Touhy Ave, Skokie	Ill
Texas Instruments Incorporated, Apparatus Div. Ind Prods Gr., 1-2	3609 Buffalo Spdwy. Houston 6	Tex
TREPAC CORP. OF AMERICA, 2, Adv Pgs 415, 426	**30 W Hamilton Ave. Englewood**	**NJ**
Union Switch & Signal Div. Westinghouse Air Brake Co., 2	Pittsburgh 18	Pa
Virginia Electronics Co., Inc., 1-2	5200 River Rd. Washington 16	DC
Winterburn Mfg. Co., 2	P.O. Box 386, Putnam	Conn

CONTROLS – *SERVO* See SERVOSYSTEMS

CONTROLS – *SILICON RECTIFIER GATE*

American Machine & Foundry Co	1025 N Royal St. Alexandria	Va
ANDERSEN LABS. INC., Adv Pg 426	**501 New Park Ave. W Hartford**	**Conn**
Bergen Labs. Inc	60 Spruce St. Paterson 1	NJ
Brach Mfg. Corp	200 Central Ave. Newark	NJ
Clark Controller Co	1146 E 152nd St. Cleveland 10	Ohio
Dynamic Eng Co	1933 N Damen, Chicago 47	Ill
Electromation Co	4254 Glencoe Ave. Venice	Cal
EMPIRE SERVICES, Adv Pg 484	**4D-3, Skaneateles**	**NY**
Fairfield Controls Inc	114 Manhattan St. Stamford	Conn
Feedback Controls Inc	8 Erie Drive, Natick	Mass
General Electronic Control, Inc	8001 Bloomington Frwy. Mpls 20	Minn
Lear Inc	3171 S Bundy Dr. Santa Monica	Cal
Lumen, Inc	Box 905, Joliet	Ill
MAGNETIC AMPLIFIERS DIV. SIEGLER CORP., Adv Pg 295	**632 Tinton Ave. New York 55**	**NY**
MAGNETICS INC. IND. CONTROL EQUIP., Adv Pg 274	**Butler**	**Pa**
Microsonic Instrument Corp	115 Halleck St. Roxbury	Mass
Norbatrol Electronics Corp	356 Collins Ave. Pittsburgh 6	Pa
OVITRON CORP., Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
Radio Dev. & Research Corp	100 Penna. Ave. Paterson 3	NJ
Research Inc	Box 6164, Edina Br. Mpls 24	Minn
Syracuse Electronics Corp	Box 566, Syracuse 1	NY
Trott Electronics, Inc	412 Smith St. Rochester 8	NY
Vapor Heating Corp	80 E Jackson Blvd. Chicago 4	Ill
VecTrol Engineering Inc	Box 1089, Stamford	Conn

CONTROLS – *SKEW* See CONTROLS – *PHOTOELECTRIC*

CONTROLS – *SMOKE & COMBUSTION* See CONTROLS – *PHOTOELECTRIC*: CONTROLS – *FLAME FAILURE*

CONTROLS – *SORTING (NOT PHOTOELECTRIC)* See Also CONTROLS – *PHOTOELECTRIC*

Assembly Products, Inc	75 Wilson Mills Rd. Chesterland 6	Ohio
Control Equipment Corp	75 Kearney Rd. Needham Heights 94	Mass
Daytronic Corp	223-227 S. Jefferson St, Dayton	Ohio
De An Controls, Inc	944 Dorchester Ave. Boston	Mass
Electro Products Labs, Inc., Transducer Div	4501 N. Ravenswood, Chicago 40	Ill
General Electronic Control, Inc	8001 Bloomington Frwy. Mpls 20	Minn
Machinery Electrification, Inc	56 Hudson St. Northboro	Mass
Melectronics Div. Meltec Ind. Inc	6344 Arizona Cir. Los Angeles 45	Cal
Whitehall Electronics Corp	1645 Hennepin Ave. Mnpls 3	Minn

CONTROLS – *SOUND-ACTUATED*

Acoustica Associates, Inc	10400 Aviation Blvd. L os Angeles 45	Cal
Advanced Electronics Inc	94 Silas Deane Hwy. Rocky Hill	Conn
Instrument Corp. of Florida	Box 1226, Melbourne	Fla
Melectronics Div. Meltec Ind. Inc	6344 Arizona Cir. Los Angeles 45	Cal
North Electric Co	553 S Market St. Galion	Ohio
Photobell Co, Inc	12 E 22 St. New York 10	NY
Stengel Instrument Corp	R. D. 1, Lake George	NY
Vernonics	213 S Hawthorne Blvd. Hawthorne	Cal

CONTROLS – *SPECIFIC GRAVITY LIQUIDS*

AC Spark Plug Div., General Motors	7929 S. Howell, Oak Creek	Wisc
AIRPAX ELECTRONICS INC. SEMINOLE DIV., Adv Pg 106	**Fort Lauderdale**	**Fla**
Automation Products, Inc	3030 Max Roy St. Houston 24	Tex
Belfab Corp	Municipal Airport, Daytona Beach	Fla
Compu Dyne Corp	400 S Warminster Rd. Hatboro	Pa
Computers Inc	3407 S Shepherd Dr. Houston 6	Tex
CURTISS-WRIGHT CORP. PRINCETON DIV., Adv Pgs 382, 426, 494	**Princeton**	**NJ**
Evershed & Vignoles Ltd	Chiswick, London W. 4, England	
Fischer & Porter Co	476 Warminster Rd, Warminster	Pa
Foxboro Co., The	Foxboro	Mass
Hagan Chemicals & Controls Inc	Hagan Center, Pittsburgh 30	Pa
Industrial Nucleonics Corp	650 Ackerman Rd. Columbus	Ohio
Mercoid Corp	4201 Belmont Ave, Chicago 41	Ill
Minn-Honeywell, Special Systems Div	Queen & S Bailey St. Pottstown	Pa
Melectronics Div. Meltec Ind. Inc	6344 Arizona Cir. Los Angeles 45	Cal
Precision Thermometer & Instrument Co	1432 Brandywine St. Philadelphia	Pa
Taylor Instrument Cos	95 Ames St, Rochester	NY
Union Switch & Signal Div. Westinghouse Air Brake Co	Pittsburgh 18	Pa

CONTROLS – *SPEED* See CONTROLS – *MOTOR SPEED*

CONTROLS – *STRAIN*

AC Spark Plug Div., General Motors	7929 S. Howell, Oak Creek	Wisc
Automation Industries, Inc., Dotran Div	1836 Rosecrans Ave, Manhattan Beach	Cal
B & F Instruments Inc	3644 N Lawrence St. Philadelphia 40	Pa
Boonshaft & Fuchs, Inc	Hatboro Ind Park, Hatboro	Pa
Clark Electronic Labs	Box 165, Palm Springs	Cal
Compu Dyne Corp	400 S Warminster Rd. Hatboro	Pa
Crescent Engineering & Research Co., 2	5440 N Peck Rd, El Monte	Cal
Daytronic Corp	223-227 S. Jefferson St, Dayton	Ohio
Engineered Magnetics Div., Gulton	13041 Cerise Ave, Hawthorne	Cal
Foxboro Co., The	Foxboro	Mass
Leeds & Northrup Co	4970 Stenton Ave, Philadelphia 44	Pa
Minn-Honeywell, Special Systems Div	Queen & S Bailey St. Pottstown	Pa
Melectronics Div. Meltec Ind. Inc	6344 Arizona Cir. Los Angeles 45	Cal
Norbatrol Electronics Corp	356 Collins Ave, Pittsburgh 6	Pa
Research, Inc	P.O. Box 6164, Edina Br, Mnpls 24	Minn
Taylor Instrument Cos	95 Ames St, Rochester	NY

CONTROLS – *TEMPERATURE*

AIRPAX ELECTRONICS INC. SEMINOLE DIV., Adv Pg 106	**Fort Lauderdale**	**Fla**
Allen-Bradley Co	136 W. Greenfield Ave, Milwaukee 4	Wisc
American Instrument Co., Inc	8030 Georgia Ave, Silver Spring	Md
American-Standard, Controls Div	5900 Trumbull, Detroit 8	Mich
Appalachian Electronic Instruments, Inc	930 W Main Ave. Ronceverte	W Va
Applied Control Corp	1000 Main St. Hackensack	NJ
Arnoux Corp	11924 W. Washington Blvd, L.A. 66	Cal
Assembly Products, Inc	75 Wilson Mills Rd, Chesterland 6	Ohio
B & F Instruments Inc	3644 N Lawrence St. Philadelphia 40	Pa
Bailey Meter Co	1050 Ivanhoe Rd, Cleveland 10	Ohio
Barber Colman Co	1300 Rock St, Rockford	Ill
Belfab Corp	Municipal Airport, Daytona Beach	Fla
BENDIX CORP. MONTROSE DIV., Adv Pg 372	**South Montrose**	**Pa**
Bergen Labs. Inc	60 Spruce St. Paterson 1	NJ
Boonshaft & Fuchs, Inc	Hatboro Ind Park, Hatboro	Pa
Bristol Co	P.O. Box 1790EB, Waterbury 20	Conn
Budd Electronics Inc	43-22 Queens St. Long Island City	NY
Bulova Electric Co. Inc	11080 Capital Ave. Oak Park	Mich
Burling Instrument Co	23 River Rd, Chatham	NJ
C.E.S. Electronic Products, Inc	P.O. Box 7504, San Diego 7	Cal
Computers Inc	3407 S Shepherd Dr. Houston 6	Tex
Conrad-Carson Electronics Inc	1347 Broadway, El Cajon	Cal
Consolidated Controls Corp	6 Durant Ave, Bethel	Conn
Cook Electric Co	2700 Southport Ave. Chicago 14	Ill
Crescent Engineering & Research Co	5440 N Peck Rd. El Monte	Cal
CURTISS-WRIGHT CORP. PRINCETON DIV., Adv Pgs 382, 426, 494	**Princeton**	**NJ**
Daystrom Inc. Weston Instruments Div	614 Frelinghuysen Ave. Newark 12	NJ
Edison Ind. Thos A. Instr Div. McGraw-Edison Co	81 Lakeside Ave. W Orange	NJ
Electro-Flex Heat Inc	83 Woodbine St. Hartford 6	Conn
Electronic Processes Corp	436 Bryant St. San Francisco 7	Cal
Electronics Corp. of America	1 Memorial Dr. Cambridge 42	Mass
Electrovert, Inc	2351 Albatross Way, Sacramento 15	Cal
Elesta Ltd. Electronic Controls	Bad Ragaz, Switzerland	
EMPIRE SERVICES, Adv Pg 484	**4D-3, Skaneateles**	**NY**
Epic Inc	150 Nassau St. New York 38	NY
Fairfield Controls Inc	114 Manhattan St. Stamford	Conn
Fischer & Porter Co	476 Warminster Rd, Warminster	Pa
Foxboro Co., The	Foxboro	Mass
Franklin-Dales Co	180 E Mill St. Akron	Ohio
Fulton Sylphon Div., Robertshaw-Fulton	P.O. Box 400, Knoxville 1	Tenn
GPE Controls, Inc	240 E. Ontario St, Chicago 11	Ill
General Electronic Control, Inc	8001 Bloomington Frwy. Mpls 20	Minn
Hagan Chemicals & Controls Inc	Hagan Center, Pittsburgh 30	Pa
HARREL INC., Adv Pg 332	**1788 1st Ave. New York**	**NY**
HART MFG CO., Adv Pg 298	**242 Bartholomew Ave. Hartford 1**	**Conn**
Hesco Engineering Co	321 E. Beach Ave, Inglewood 3	Cal
Leeds & Northrup Co	4970 Stenton Ave, Philadelphia 44	Pa
Lumen, Inc	Box 905, Joliet	Ill
MAGNETIC CONTROLS CO Adv Pg 47	**6329 Cambridge St, Minneapolis 16**	**Minn**
MAGNETICS INC. IND. CONTROL EQUIP., Adv Pg 274	**Butler**	**Pa**
Mechanical Ind. Production Co	217 Ash St, Akron 8	Ohio
Mercoid Corp	4201 Belmont Ave, Chicago 41	Ill
MICROSONICS INC., Adv Pg 537	**Hingham Ind. Center, Rt. 3A, Hingham**	**Mass**
Minn-Honeywell, Appar Controls Div	2753 4th Ave. S, Minneapolis 8	Minn
Minn-Honeywell, Brown Instruments Div	Wayne & Windrim Aves, Philadelphia 44	Pa
Minn-Honeywell, Special Systems Div	Queen & S Bailey St. Pottstown	Pa
Molex Products Co	5515 Southview Ave. Brookfield	Ill
National Electronics	P.O. Box 1237, Sheridan	Wyo
Niagara Electron Laboratories	Main & Greenwood Sts. Andover	NY
Norbatrol Electronics Corp	356 Collins Ave, Pittsburgh 6	Pa
OPW-Jordan, Div Dover Corp	6013 Wiehe Rd, Cincinnati 13	Ohio
OVITRON CORP., Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**

Performance Measurements Co	15120 3rd Ave. Detroit 3	Mich
Piezo Products Co	Whitney St, Sheldon	Mass
Plug-in Instruments, Inc	1416 Lebanon Rd. Nashville 10	Tenn
Precision Thermometer & Instrument Co	1432 Brandywine St, Philadelphia	Pa
Process & Instruments Corp	15 Stone Ave. Brooklyn 33	NY
Pyrometer Instrument Co., Inc	92 Portland Ave, Bergenfield	NJ
RBM Controls Div. Essex Wire Corp	Logansport	Ind
Research, Inc	P.O. Box 6164, Edina Br, Mnpls 24	Minn
SERVO CORP OF AMERICA, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Shawmut Engineering Co	195 Freeport St. Boston	Mass
SIGMA INSTRUMENTS INC., Adv Pgs 169-172	**180 Pearl St. South Braintree 85**	**Mass**
Simmonds Precision Prods Inc	105 White Plains Rd. Tarrytown	NY
STEVENS MFG. CO. INC., Adv Pg 457	**Box 1007, Mansfield**	**Ohio**
Syracuse Electronics Corp	Box 566, Syracuse 1	NY
Taylor Instrument Cos	95 Ames St, Rochester	NY
Technique Assocs Div. Duncan Electric	1413 N Cornell Ave. Indianapolis	Ind
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
Thermo Electric Co. Inc	109 5th St. Saddle Brook	NJ
Thermovolt Instruments Ltd	70 Advance Rd. Toronto 18	Ont
Topp Industries, Inc	5221 W. 102 St, Los Angeles 45	Cal
Trans-Sonics, Inc	Box 328, Lexington 73	Mass
Trott Electronics, Inc	412 Smith St. Rochester 8	NY
United Electric Controls Co	85 School St. Dept-C, Watertown 72	Mass
Vapor Heating Corp	80 E Jackson Blvd. Chicago 4	Ill
VecTrol Engineering Inc	Box 1089, Stamford	Conn
Victory Engineering Corp	101 Springfield Rd. Union	NJ
West Instrument Corp	4363 W. Montrose, Chicago 41	Ill
Williamson Development Co	317 Main St. W Concord	Mass
Yellow Springs Instrument Co., Inc	P.O. Box 106E, Yellow Springs	Ohio

CONTROLS – *TENTERING* See CONTROLS – *PHOTOELECTRIC*

CONTROLS – *THICKNESS*

1. FILM 2. MATERIAL

Applied Control Corp., 1-2	1000 Main St. Hackensack	NJ
Automatic Timing & Controls, Inc., 1-2	King of Prussia	Pa
Automation Products Inc., 2	3030 Max Roy St. Houston 24	Tex
Branson Instruments Inc., 2	37 Brown House Rd. Stamford	Conn
Controlomag Labs., 1-2	2450 Susquehanna, Roslyn	Pa
Crescent Engineering & Research Co., 2	5440 N Peck Rd, El Monte	Cal
CURTISS-WRIGHT CORP. PRINCETON DIV., 1, Adv Pgs 382, 426, 494	**Princeton**	**NJ**
Daytronic Corp., 2	223-227 S Jefferson St, Dayton	Ohio
Decker Corp., 1-2	45 Monument Rd. Bala Cynwyd	Pa
Dice Co., J.W., 1-2	Englewood	NJ
EMI-Cossor Electronics Ltd., 2	Box 525 Dartmouth NS	Can
Electronic Control Corp., 1	1573 E. Forest St, Detroit 7	Mich
GPE Controls, Inc., 1-2	240 E. Ontario St, Chicago 11	Ill
Gardner Lab. Inc., 1	Box 5728-E, Bethesda 14	Md
Hurletron Inc. Elec Eye Equip Div., 2	1901 E Fairchild, Danville	Ill
Indikon Co. Inc., 2	76 Coolidge Hill Rd. Watertown 72	Mass
Industrial Nucleonics Corp., 1	650 Ackerman Rd, Columbus 2	Ohio
Magnaflux Corp., 2	7325 W Lawrence Ave. Chicago 31	Ill
NASH & HARRISON LTD., 2, Adv Pg 526	**1355 Wellington St. Ottawa**	**Ont**
Ohmart Corp., 1-2	2236 Bogen St. Cincinnati	Ohio
Research Industrial Labs. of Electronics, 1	Roslyn	Pa
Security Controls, Inc., 1	501 Franklin St. Buffalo	NY
Thomas Electronics, Inc., 1	118 Ninth St. Passaic	NJ

CONTROLS – *THYRATRON* See CONTROLS – *MOTOR SPEED*: CONTROLS – *WELDING*

CONTROLS – *THYRATRON GRID*

Applied Control Corp	1000 Main St. Hackensack	NJ
CETRON ELECTRONICS CORP., Adv Pg 379	**715 Hamilton, Geneva**	**Ill**
Control Devices, Inc	925 S Eton Rd. Birmingham	Mich
Data-Master Corp	85 Hazel St. Glen Cove	NY
Norbatrol Electronics Corp	356 Collins Ave. Pittsburgh 6	Pa
OVITRON CORP., Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
Research Inc	Box 6164, Edina Br. Mpls 24	Minn
Scully Bros, Inc	4915 W 67 St. Chicago 38	Ill
Ulmer Co., H. W	2941 San Luis Rey Rd. Oceanside	Cal
VecTrol Engineering Inc	Box 1089, Stamford	Conn

CONTROLS – *TIMING* See TIMERS

CONTROLS – *TORQUE, ELECTRONIC*

AC Spark Plug Div., General Motors	7929 S. Howell, Oak Creek	Wisc
APPLIED ELECTRONICS CORP. OF NJ, Adv Pg 518	**22 Center St. Metuchen**	**NJ**
Arnec Corp	195 W Mills Rd. Huntington Sta	NY
AUTOTRONICS, INC., Adv Pg 481	**Box 208, Florissant**	**Mo**
B & F Instruments Inc	3644 N Lawrence St. Philadelphia 40	Pa
Bergen Labs. Inc	60 Spruce St. Paterson 1	NJ
Clark Controller Co	1146 E 152 St, Cleveland 10	Ohio
Computer Sciences, Inc	503 Main St. Westbury	NY
Decker Corp	45 Monument Rd. Bala Cynwyd	Pa
Dmeter Mfg. Co., Inc	61 N Broadway, Yonkers	NY
Dresser Electronics SIE Div	10201 Westheimer Rd. Houston 42	Tex
Electronic Control Corp	1573 E. Forest St, Detroit 7	Mich
Electronic Controls Inc	16 Southfield Ave. Stamford	Conn
ELECTRONIC PRODUCTS CORP., Adv Pgs 545, 546	**4642 Belair Rd. Baltimore 6**	**Md**
Engineered Magnetics Div., Gulton	13041 Cerise Ave, Hawthorne	Cal
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
Globe Industries, Inc	1784 Stanley Ave, Dayton 4	Ohio
Hamilton Standard Div. United Aircraft Corp	Broad Brook	Conn
I-L-S Instrument Div., The Vernon Instrument Co	4535 W. 160th St, Cleveland 35	Ohio
Kellogg Switchboard & Supply Co	6650 S. Cicero Ave, Chicago 38	Ill
Lapline, Inc	3070 W Grand Ave. Chicago 22	Ill
Laboratory For Electronics, Inc	1079 Commonwealth Ave. Boston 15	Mass
Lear, Inc	3171 S. Bundy Dr, Santa Monica	Cal
Lumen, Inc	Box 905, Joliet	Ill
Machinery Electrification, Inc	56 Hudson St, Northboro	Mass
Magtrol, Inc	240 Seneca St, Buffalo 4	NY
Mobil Electronics Inc	1111 State Rd. 67 E, Anderson	Ind
MODEL ENG. & MFG. CORP., Adv Pg 480	**50 Frederick St. Huntington**	**Ind**

Muirhead & Co., Ltd	Beckenham, Kent, England	
OVITRON CORP., Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
PENNWOOD NUMECHRON CO., Adv Pg 550	**77249 Frankstown Ave. Pittsburgh 8**	**Pa**
Philips Electronic Instruments	750 S Fulton Ave. Mt. Vernon	NY
Pintsch Bamag AG	Postfach 11, Butzbach, Germany	
Radio Dev. & Research Corp	100 Penna. Ave. Paterson	NJ
Research, Inc	P.O. Box 6164, Edina Br, Minnpls 24	Minn
Rotiform Co	1509 Colorado Ave. Santa Monica	Cal
Servo-Tek Products Co., Inc	1086 Goffle Rd, Hawthorne	NJ
Taylor Instrument Cos	95 Ames St. Rochester	NY
Texas Industries, Inc	5221 W. 102 St, Los Angeles 45	Cal
VARO, INC Adv Pg 118	**2201 Walnut St. Garland**	**Tex**
VecTrol Engineering Inc	Box 1089, Stamford	Conn
Vickers Inc. Electric Products Div	1899 Locust St. St Louis 3	Mo

CONTROLS –*TRACER* See CONTROLS –*CONTOURING*

CONTROLS –*TRAFFIC*

1. RADAR 2. RADIO

A.R.F. Products Inc., 2	7627 Lake St. River Forest	Ill
American Elite, Inc. (Telefunken), 1	49-50 34 St. Long Island City 1	NY
Avco Corp., Crosley Div., 1	1329 Arlington St. Cincinnati 25	Ohio
Bell Aerospace Corp., 1	Box 1, Buffalo 5	NY
Budd Electronics Inc., 1	43-22 Queen St. Long Island City	NY
Cardion Electronics Inc., 1	503 Rushmore St. Westbury	NY
Computer Sciences, Inc., 1	603 Main St. Westbury	NY
Daystrom Inc. Military Elec. Div., 1-2	Archbald	Pa
General Electric Co. Light Military Electronics Dept., 1	French Rd. Utica	NY
Gilfillan Bros. Inc., 1-2	1815 Venice Blvd. Los Angeles 6	Cal
Laboratory for Electronics, Inc., 1	1079 Commonwealth, Boston 15	Mass
Marconi's Wireless Telegraph Co., Ltd., 1	750 Third Ave, New York 17	NY
Molded Insulation Co., 2	335 E Price St. Philadelphia 44	Pa
Motorola Communications & Electronics, Inc., 2	4501 Augusta Blvd, Chicago 51	Ill
Nugent Electronics Co. Inc., 2	802 E 8th St. New Albany	Ind
Perma-Power Co., 2	3100 N Elston Ave. Chicago 18	Ill
Philco Corp. Govt & Ind Div., 1-5-6-7	4700 Wissahickon Ave. Phila 44	Pa
Radio Corp. of America, Defense Electronic Prods. 1-2	Bldg. 15-2 Camden	NJ
Secode Corp., 2	555 Minnesota St. San Francisco 7	Cal
Standard Tel. & Cables Ltd., 2	29 Glasshouse Yard, London	Eng
Union Switch & Signal Div. Westinghouse Air Brake Co., 1	Pittsburgh 18	Pa
Westinghouse-Electronics Div., 1	Baltimore	Md

CONTROLS-TUNING See CONTROLS –*AUTOMATIC TUNING*
CONTROLS –*TURBIDITY* See CONTROLS –*PHOTOELECTRIC*
CONTROLS –*ULTRASONIC* See ULTRASONIC EQUIPMENT

CONTROLS –*VACUUM*

Bon-De Electronic Labs. Inc	361-363 Rantoul St. Beverly	Mass
Bristol Co	Box 1790 EBG, Waterbury 20	Conn
Consolidated Controls Corp	6 Durant Ave, Bethel	Conn
Consolidated Electrodynamics Corp	360 N Sierra Madre Villa, Pasadena	Cal
Controlled Atmosphere Enclosures Mfg Co	1061 E 8th St. Jacksonville 6	Fla
Electronic Research Labs	85 Surry St, Brighton 35	Mass
Fulton Sylphon Div, Robertshaw-Fulton	Box 400, Knoxville 1	Tenn
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
Green Rectifier Co	1-10 30th St. Fair Lawn	NJ
Hastings-Raydist, Inc	Hampton 9	Va
Hughes Vacuum Tube Products Div	2020 Short St. Oceanside	Cal
Hull Corp	Drexville Pk. Hatboro	Pa
International Pump & Machine Works	81 Dorsa Ave, Livingston	NJ
Marcoil Corp	4201 Belmont Ave, Chicago 41	Ill
Minn-Honeywell, Appar Controls Div	2753 4th Ave. S, Minneapolis 8	Minn
Process & Instruments Corp	15 Stone Ave. Brooklyn 33	NY
Taylor Instrument Cos	95 Ames St. Rochester	NY
Thermovolt Instruments Ltd	70 Advance Rd. Toronto 18	Ont
Trans-Sonics, Inc	Box 328, Lexington 73	Mass
Ulmer Co., H. W.	2941 San Luis Rey Rd. Oceanside	Cal
United Electric Controls Co	85 School St. Dept-C, Watertown 72	Mass
VACTRONIC LAB. EQUIPMENT, INC., Adv Pg 560	**21 Monmouth Ct. East Northport**	**NY**
Vacuum - Electronics Corp	Terminal Dr. Plainview	NY
Vacuum Specialties Co	34 Linden St, Somerville	Mass
Vacuum Technology Inc	7933 Gloria Ave. Van Nuys	Cal
Varian Associates	611 Hansen Way, Palo Alto	Cal
Wallace & Tiernan, Inc	25 Main St, Belleville 9	NJ
WALLSON ASSOCIATES INC., Adv Pg 209	**912 Westfield Ave. Elizabeth**	**NJ**

CONTROLS –*VENTILATING SYSTEM* See CONTROLS PROVIDING REQUIRED FUNCTION

CONTROLS –*VISCOSITY*

Automation Products, Inc	3030 Max Roy St, Houston 24	Tex
Bendix Corp. Cincinnati Div	3130 Wasson Rd. Cincinnati 8	Ohio
Bristol Co	Box 1790 EBG, Waterbury 20	Conn
Foxboro Co., The	Foxboro	Mass

CONTROLS –*VOICE-ACTUATED* See CONTROLS –*SOUND-ACTUATED*
CONTROLS –*VOLUME & TONE* See POTENTIOMETERS

CONTROLS –*WEIGHT*

CompuDyne Corp	400 S. Warminster Rd, Hatboro	Pa
Di/An Controls, Inc	944 Dorchester Ave. Boston	Mass
Digital Sensors Inc	6443 N Figueroa St, Los Angeles	Cal
Foxboro Co., The	Foxboro	Mass
Howe Scale Co	Rutland	Vt
INDUSTRIAL ELECTRONIC ENGINEERS, INC., Adv. Pgs. 462, 496, 554	**5528 Vineland Ave. North Hollywood**	**Cal**
Leeds & Northrup Co	4970 Stenton Ave, Philadelphia 44	Pa
Performance Measurements Co	15120 3rd Ave. Detroit 3	Mich
Research, Inc	P.O. Box 6164, Edina Br, Minnpls 24	Minn
Streeter-Amet Co	Grayslake	Ill
Taylor Instrument Cos	95 Ames St. Rochester	NY
Toledo Scale Div. Toledo Scale Corp	5225 Telegraph Rd. Toledo	Ohio
Wallace & Tiernan, Inc	25 Main St, Belleville 9	NJ
Wells Industries Corp	6850 Troost Ave. Hollywood	Cal

CONTROLS –*WELDING*

Clark Controller Co	1146 E. 152 St, Cleveland 10	Ohio
Di/An Controls, Inc	944 Dorchester Ave. Boston	Mass
Eagle Signal Co Div Gamewell Co-EW Bliss Sub.	202-20th St. Moline	Ill
Eisler Engineering Co., Inc	751 S 13 St. Newark 3	NJ
Hughes Vacuum Tube Products Div	2020 Short St. Oceanside	Cal
Instrument Control Co	2309 Snelling, Minneapolis 4	Minn
L & B Electronics	2424 6th St. Berkeley	Cal
OVITRON CORP., Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
Research, Inc	P.O. Box 6164, Edina Br, Minnpls 24	Minn
Sciaky Bros, Inc	4915 W 67 St. Chicago 38	Ill
Vickers Inc. Electric Products Div	1899 Locust St. St Louis 3	Mo
Wells Electronics Co	1701 S Main St. South Bend 23	Ind

CONVERTERS –*A-C TO D-C INSTRUMENT*

AMERICAN TELEVISION & RADIO CO., Adv Pg 324	**300 E 4th St. St Paul 1**	**Minn**
Applied Control Corp	1000 Main St. Hackensack	NJ
Auto Data	Box 9146, San Diego 9	Cal
BALLANTINE LABS. INC., Adv Pg 156	**Boonton**	**NJ**
Bergen Labs. Inc	60 Spruce St. Paterson 1	NJ
Canadian Research Institute	85 Curlew Dr. Don Mills	Ont
CORNELL-DUBILIER ELECTRONICS DIV. FED PACIFIC ELEC CO., Adv Pgs 148, 149	**50 Paris St. Newark 1**	**NJ**
Electrodynamic Instrument Corp	1841 Old Spanish Trail, Houston 25	Tex
GENERAL DEVICES INC., Adv Pg 518	**P.O. Box 253, Princeton**	**NJ**
General Photo Products Co., Inc	15 Summit Ave, Chatham	NJ
Green Rectifier Co	1-10 30th St, Fair Lawn	NJ
HOUSTON INSTRUMENT CORP., Adv Pg 512	**Box 22234w, Houston 27**	**Tex**
Intl. Tel. & Tel. Corp. Ind. Prods. Div	15191 Bledsoe St. San Fernando	Cal
Kato Engineering Co	1415 First Ave, Mankato	Minn
Kupfrian Mfg. Corp	398 State St, Binghamton	NY
Laboratory For Electronics, Inc	1079 Commonwealth Ave. Boston 15	Mass
Lockheed Electronics Corp. Avionics & Ind Prods Div	Randolph St. Los Angeles 22	Cal
MAGNETIC AMPLIFIERS DIV. SIEGLER CORP., Adv Pg 295	**632 Tinton Ave. New York 55**	**NY**
Model Rectifier Corp	1675 Utica Ave. Brooklyn 34	NY
NORTH ATLANTIC INDUSTRIES INC., Adv Pg 344	**Terminal Dr. Plainview**	**NY**
Ortronix, Inc	Forsythe Rd. Dr. 8217, Orlando	Fla
OVITRON CORP., Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
Pearce Simpson, Inc	2295 NW 14th St. Miami 35	Fla
Radio Dev. & Research Corp	100 Penna. Ave. Paterson 3	NJ
Rho Engineering Co	2242 Sepulveda Blvd. Los Angeles 64	Cal
RIXON ELECTRONICS INC., Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
Superior Electric Co., The	383 Middle St. Bristol	Conn
Systron-Donner Corp	950 Galindo St. Concord	Cal
Temco Electronics Div. Temco Electronics & Missiles Co	Box 6191, Dallas 22	Tex
TUNG-SOL ELECTRIC INC., Adv Pgs 158, 159	**1 Summer Ave. Newark 4**	**NJ**
VARO, INC Adv Pg 118	**2201 Walnut St. Garland**	**Tex**
Vickers Inc. Electric Products Div	1899 Locust St. St Louis 3	Mo
Waugh Engineering Co	7842 Burnet Ave. Van Nuys	Cal
White Avionics Corp	Terminal Rd. Plainview	NY

CONVERTERS –*BALANCED* See BALUNS

CONVERTERS –*COMPUTER*

1. ANALOG-TO-DIGITAL
2. DIGITAL-TO-ANALOG
3. POLAR-TO-RECTANGULAR COORDINATE
4. PULSE-TO-ANALOG
5. PUNCHED-CARD-TO-TAPE
6. TAPE-TO-PUNCHED-CARD
7. TAPE-TO-TAPE, CODE-CHANGING

ACF Electronics Div., 1-2	Riverdale	Md
AR & T Electronics, Inc., 1	1101 McAlmont St., Little Rock	Ark
Abacus, Inc., 1-2-3-7	3042 Overland Ave. Los Angeles	Cal
Adage, Inc., 1-2-5-6-7	292 Main St. Cambridge	Mass
Adcole Corp., 1	186 Massachusetts Ave. Cambridge 39	Mass
Adcon Div. Wayne-George Corp., 1	588 Commonwealth Ave. Boston 15	Mass
Addressograph-Multigraph Corp. Electronics Div., 5-7	1200 Babbitt Rd. Cleveland 17	Ohio
Advanced Instrument Corp., 1	1475 Powell St. Emeryville 8	Cal
AIRFLYTE ELECTRONICS CO., 1, Adv Pg 342	**535-9 Avenue A, Bayonne**	**NJ**
Airtronics, Inc., 1-2	5522 Dorsey Ln, Washington 16	DC
American Electronics Inc. Data Systems Div., 5	75 Front St. Brooklyn 1	NY
American Electronics, Inc., Instrument Div., 1	9503 W. Jefferson Blvd, Culver City	Cal
Ampex Computer Products Co., 5-6-7	Box 329, Culver City	Cal
ANADEX INSTRUMENTS INC., 4, Adv Pg 435	**14734 Arminta St. Van Nuys**	**Cal**
APPLIED ELECTRONICS CORP. OF NJ, 1-2-4-7, Adv Pg 518	**22 Center St. Metuchen**	**NJ**
Armstrong Whitworth Equipment, 1-2	Hucclecote, Gloucester	Eng
Arnoux Corp., 2	11924 W. Washington Blvd, L.A. 66	Cal
Ascop Div of Electro-Mechanical Research, Inc., 1-2	Box 44, Princeton	NJ
Auto Data, 1-2	Box 9146, San Diego 9	Cal
Automation Management, Inc., 4	Westboro 2	Mass
Baird-Atomic Inc., 1	33 University Rd. Cambridge 38	Mass
Beckman Instruments, Inc. Systems Div., 1-2	2400 Harbor Blvd. Fullerton	Cal
Bell Aerospace Corp., 1	Box 1, Buffalo 5	NY
Bell & Gossett Co., 1-2-4-5	8202 N. Austin Ave, Morton Grove	Ill
Benson-Lehner Corp., 1-2-5-6-7	1860 Franklin, Santa Monica	Cal
Boonshaft & Fuchs, Inc., 2	Hatboro Ind Park, Hatboro	Pa
Briggs Div. Drexel Dynamics Corp., 1-2	10 DeKalb St. Norristown	Pa
Bristol Co., 1	P.O. Box 1790EBG, Waterbury 20	Conn
CG Electronics Corp., 1-2-4-5-6-7	1501 Central E., Albuquerque	NM
California Computer Products, Inc., 1-2	8714 Cleta St. Downey	Cal
Chance Vought Corp. Vought Electronics Div., 1-2-4	Box 1500, Arlington	Tex
Chesapeake Instrument Corp., 1	100 Atwell Rd. Shadyside	Md
Coleman Electronics, Inc., 1-2	133 E 162nd St. Gardena	Cal
COLLECTRON CORP., 1, Adv Pg 550	**304 E 45th St. New York 17**	**NY**
Communications Control Corp., 1-2-4-5-6-7	14707 Keswick St. Van Nuys	Cal
Computer Control Co. Inc., 1-2-5-6-7	983 Concord St. Framingham	Mass
Computer Equipment Corp., 1-2-4-7	11612 W Olympic Blvd. Los Angeles 64	Cal
Computing Devices of Canada, Ltd., 1-2	P O Box 508, Ottawa, Ontario, Canada	
Concord Control, Inc., 1-2	1282 Soldiers Field Rd, Boston 35	Mass
Consolidated Avionics Corp., 1-2-4-5-6-7	800 Shames Dr, Westbury	NY
Consolidated Electrodynamics Corp., 1	360 N. Sierra Madre Villa, Pasadena	Cal
Control Data Corp., Cedar Engr. Div., 1	501 Park Ave, Minneapolis 15	Minn
Control Equipment Corp., 1-2	19 Kearney Rd. Needham Heights 94	Mass
Courter Products Div. Model Eng. & Mfg. Inc., 1	Boyne City	Mich
CURTISS WRIGHT CORP. INTERMTN. BR.' 1-2-4-5-6-7, Adv Pg 474	**Box 8324, Albuquerque**	**NM**
Data-Control Systems, Inc., 1	E Liberty St. Danbury	Conn
Data Equipment Co., 1-2-3-4-5-6-7	923 E. 3rd St, Los Angeles 13	Cal
Data-Master Corp., 1	85 Hazel St, Glen Cove	NY
Data Products Co, Inc., 7	7320 Westmore Rd, Rockville	Md
Datex Corp., 1-5	1307 S Myrtle Ave. Monrovia	Cal
Daystrom Inc. Control Systems Div., 1-7	4455 Miramar Rd. La Jolla	Cal
Daystrom Inc. Military Elec. Div., 3	Archbald	Pa
Decker Corp., 1	45 Monument Rd. Bala Cynwyd	Pa
Del Mar Engineering Labs. Inc., 7	6901 Imperial Hwy. Los Angeles 45	Cal
Dero Research & Dev. Corp., 7	Broadway & Park Ave. Huntington	NY
Di/An Controls, Inc., 1-2-5-6-7	944 Dorchester Ave. Boston	Mass
Digital Equipment Corp., 1-2	Maynard	Mass
Digital Instrument Labs., 1-2	152 S. Atlantic Blvd, Los Angeles	Cal
Digitronics Corp., 7	Albertson Ave. Albertson	NY
Djeco Div. Djordjevic Eng. Co., 1-2	1933 N Damen, Chicago 47	Ill
Donner Scientific Co., 3	888 Galindo St, Concord	Cal
Dychro Corp., 1	49 Walnut St. Wellesley 81	Mass
Dymec, Div., Hewlett-Packard Co., 1	395 Page Mill Rd, Palo Alto	Cal
EMI-Cossor Electronics Ltd., 1-2	Box 525 Dartmouth NS	Can
ECLIPSE PIONEER DIV. BENDIX CORP., 1-6-7, Adv Pgs 354, 355	**Teterboro**	**NJ**
ELDORADO ELECTRONICS CO., 1-2, Adv Pg 308	**2821 - 10th St. Berkeley**	**Cal**
Electrada Corp., 1-7	11244 Playa St. Culver City	Cal
Electro Logic Corp., 1-2-4-5-6-7	515 Boccaccio Ave. Venice	Cal
ELECTRO-MEC DIV. WALTHAM PREC INSTR CO. INC., 1, Adv Pg 362	**47-51 33rd St. Long Island City 1**	**NY**
Electro-Mechanical Research, Inc., 1-2	P.O. Box 3041, Sarasota	Fla
Electro Radiation Inc., 1-3	11916 W Pico Blvd. Los Angeles 64	Cal
Electrodynamic Instrument Corp., 1	1841 Old Spanish Trail, Houston 25	Tex
Electronic Associates, Inc., 1-2-3	Long Branch	NJ
Electronic Controls Inc., 1-2-6	66 Southfield Ave. Stamford	Conn
Electronic Development Corp., 2-6	423 W Broadway, Boston 27	Mass
Electronic Engineering Co., 5-6-7	1601 E Chestnut Ave. Santa Ana	Cal
Electronics Corp of America, 1	1 Memorial Dr, Cambridge 42	Mass
El-Tronics Inc., 5-6	20 S. 15th St, Philadelphia 2	Pa
Epsco Inc. Instruments Div., 1-2	275 Massachusetts Ave. Cambridge 39	Mass
Epsco, Inc., Systems Div., 1-2-5-6-7	275 Massachusetts Ave, Cambridge 39	Mass
Epsco-West, 1-2-4-5-6-7	240 E. Palais Rd. Anaheim	Cal
ERIE-PACIFIC DIV. ERIE RESISTOR CORP., 1-4, Adv Pg 206	**12932 S Weber Way, Hawthorne**	**Cal**
Evershed & Vignoles Ltd., 1	Chiswick, London W. 4, England	
FF&W Electronics Inc., 1-2-3-4-5-6-7	12820 Panama, Los Angeles 66	Cal
Feedback Controls Inc., 1-2-3-4	8 Erie Drive, Natick	Mass
Fischer & Porter Co., 1-6	476 Warminster Rd. Warminster	Pa
Ford Instrument Co. Div. Sperry Rand Corp., 1-2	31-10 Thomson Ave. Long Island City 1	NY
Foxboro Co., The, 4	Foxboro	Mass
Franklin Electronics Inc., 1-2	E 4th St. Bridgeport	Pa
GENERAL APPLIED SCIENCE LABS. INC., 1-2, Adv Pg 525	**Merrick & Stewart Aves. Westbury**	**NY**
GENERAL DEVICES INC., 1-2-4-7, Adv Pg 518	**Box 253, Princeton**	**NJ**
General Dynamics Electronics, 1-2-4-5-6-7	100 Carlson Rd. Rochester 3	NY
General Dynamics/Electronics, Info Tech Div., 1-2	1895 Hancock St. San Diego 12	Cal
General Mills, Inc., 1	1620 Central Ave. Minneapolis 13	Minn
General Radio Co., 2	West Concord	Mass
GENERAL RESISTANCE INC., 2, Adv Pg 514	**430 Southern Blvd. New York 55**	**NY**
Genesys Corp., Sub. Chance Vought, 1	10131 National Blvd, Los Angeles 34	Cal
Gerber Scientific Instrument Co., 1-3	89 Spruce St, Hartford 1	Conn
Gertsch Products, Inc., 2	3211 S. La Cienega, Los Angeles 16	Cal
Giannini Controls Corp., 1-2-3-4-5-6-7	1600 S Mountain Ave. Duarte	Cal
Gilfillan Bros., Inc., 1-2-4	1815 Venice Blvd, Los Angeles 6	Cal
Goodyear Aircraft Corp., 1-2	1210 Massillon Rd, Akron 15	Ohio
Guidance Controls Corp., 1	110 Duffy Ave. Hicksville	NY
Gulton Industries, Inc., 1-2	212 Durham Ave. Metuchen	NJ
HALLICRAFTERS CO., 4-7, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
HYDRO-AIRE CO. DIV. CRANE CO., 1, Adv Pg 431	**3000 Winona Ave. Burbank**	**Cal**
IBM Federal Systems Div., 5-6-7	1120 Conn. Ave. Washington 6	DC
H-L-S Instrument Div., Merriam Instrument Co., 2	4525 W. 160th St, Cleveland 35	Ohio
Industrial Control Co., 1-3-4	Central Ave. at Pinelawn, Farmingdale	NY
INSTRUMENT DEVELOPMENT LABS. INC., 1, Adv Pg 430	**67 Mechanic St. Attleboro**	**Mass**
KEARFOTT DIV. GEN PRECISION INC., 1-2, Adv Pg 394	**Little Falls**	**NJ**
Kelk Ltd., George, 1	5 Lesmill Rd, Don Mills, Ontario	
Ketay Div. Norden Div. United Aircraft Corp., 1	Jericho Tpke. Commack	NY
KIN TEL DIV., COHU ELECTRONICS, 1, Adv Pgs 244, 245, 247	**5725 Kearny Villa Rd. San Diego 12**	**Cal**
Land-Air, Inc., 1	7444 W. Wilson Ave, Chicago 31	Ill
Lear, Inc., 1-2-4	3171 S. Bundy Dr, Santa Monica	Cal
Librascope, Div. General Precision Inc., 1-2-5-6	808 Western Ave. Glendale	Cal
Link Div. Gen. Precision, Inc., 1-2	Binghamton	NY
Loral Electronics Corp., 7	825 Bronx River Ave. New York 72	NY
McDonnell Aircraft Co., 1-2-7	Box 516, St Louis 66	Mo
MacLaren & Co. Inc., F. B., 3	15 Stepar Pl. Huntington Station	NY
Magnavox Co., 1-2-4	2131 Bueter Rd. Fort Wayne 4	Ind
Marquardt Corp., Pomona Div., 1-2-3-4	2709 N. Garey Ave, Pomona	Cal
Melcor Electronics Corp., 1-2	48 Toledo St. Farmingdale	NY
Milgo Electronic Corp., 1-2-3-4-5-6-7	7620 NW 36 Ave. Miami 47	Fla
Mini-Rad, Inc., 1-2-4	7416-E Varna Ave, N. Hollywood	Cal
Minn-Honeywell, Military Prods Gr., 1-2-5	2600 Ridgway Rd. Minneapolis 13	Minn
MODEL ENG. & MFG. CORP., 1-2-4, Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Molectronics Div. Motec Ind. Inc., 1-2-3-4-5-6-7	6344 Arizona Cir. Los Angeles 45	Cal
Moore Associates, Inc., 1-2	893 American St. San Carlos	Cal
MOSELEY CO., F.L., 1-2 Adv Pgs 122, 123	**409 N Fair Oaks Ave. Pasadena**	**Cal**
Mullard Equipment, Ltd., 1	Torrington Pl, London W.C. 1, England	
NAVIGATION COMPUTER CORP., 1-2-5-6-7, Adv Pg 511	**Valley Forge Ind Park, Norristown**	**Pa**
Newton Co., 1	55 Elm St. Manchester	Conn
NON-LINEAR SYSTEMS INC., 1, Adv Pgs 334, 335	**P O Box 728, Del Mar**	**Cal**
Norden Div. United Aircraft Corp., 1	Helm St. Norwalk	Conn
NORTH ATLANTIC INDUSTRIES INC., 3, Adv Pg 344	**Terminal Dr. Plainview**	**NY**

North Electric Co., 1	553 S Market St. Galion	Ohio
OKI ELECTRIC INDUSTRY CO. LTD., 1-5-6-7, Adv Pg 257	**10 Shiba Takahama-cho Minato-ku, Tokyo**	**Jap**
Olympic Radio & TV Div. Siegler Corp., 1	34-01 38 Ave. Long Island City 1	NY
Ortronix, Inc., 1-2-4	Forsythe Rd. Dr. #217, Orlando	Fla
Pacific Mercury Electronics, 1-2-4	8345 Hayvenhurst Ave, Sepulveda	Cal
Packard Bell Computer Corp., 1-2	1905 Armacost Ave. Los Angeles 25	Cal
Performance Measurements Co., 1-4	15126 3rd Ave. Detroit 3	Mich
Potter Aeronautical Corp., 1-2	Route 22, Union	NJ
POTTER INSTRUMENT CO. INC., 7 Adv Pg 195	**Sunnyside Blvd. Plainview**	**NY**
Power-Tronic Systems, Inc., 1	10-12 Pine Ct. New Rochelle	NY
RMS Associates, Inc., 2	805 Mamaroneck Ave. Mamaroneck	NY
Radiation at Stanford, 1-2-4-7	3180 Hanover St. Palo Alto	Cal
Radiation Inc., 1-2-5-6-7	Melbourne	Fla
Radiation Instrument Devel Labs Inc., 1	61 E North Ave. Northlake	Ill
Radio Corp. of America, Defense Electronic Prods. 1-2-3	Bldg. 15-2 Camden	NJ
Ram Electronics, Inc., 1-2	600 Industrial Ave, Paramus	NJ
Ransom Research, Inc., 1-2	Box 382, San Pedro	Cal
Raytheon Co. Commun & Data Process Oper., 1	145 Boston-Providence Tpk. Norwood	Mass
Raytheon Co. Govt Mktg., 1	Lexington 73	Mass
Redifon Ltd., 1-2	Broomhill Rd. Wandsworth, London SW18	Eng
Reeves Instrument Corp., 1-3	Roosevelt Field, Garden City	NY
[illegible] Electronics Corp., 1-2	15 Bear Hill Rd. Waltham 54	Mass
Ryan Electronics Div. Ryan Aero. Co., 1-2-4	5650 Kearny Mesa Rd. San Diego 12	Cal
S-E Labs. Ltd., 2	806 N. Feltham Est. Feltham Middsx	Eng
SERVO CORP OF AMERICA, 1-2, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Servomechanisms, Inc., 1-2	200 N Aviation Blvd. El Segundo	Cal
[illegible], Inc., 1	822 N. Henry St, Alexandria	Va
Shallcross Mfg Co., 1-2	Selma	NC
Shepherd Industries Inc., 7	103 Park Ave. Nutley 10	NJ
Sierra Research Corp., 1-3-4	Box 22, Buffalo 25	NY
Solartron, Inc., 1	1742 S. Zeyn St. Anaheim	Cal
Spectrol Electronics Corp., 1	1704 S Del Mar, San Gabriel	Cal
Sperry Gyroscope Co. Div. Sperry Rand Corp., 1	Great Neck	NY
Stony Brook Labs., 1-2-4-7	55 State Rd. Princeton	NJ
Straza Industries, 1-4	790 Greenfield Dr. El Cajon	Cal
Streeter-Amet Co., 1-2-4-5-6	Grayslake	Ill
Systron-Donner Corp., 1	950 Galindo St. Concord	Cal
TRW Computers Co., 1-2	8433 Fallbrook Ave. Canoga Park	Cal
Tally Register Corp., 5-6-7	1310 Mercer St. Seattle 9	Wash
Technical Measurement Corp., 1-4	441 Washington Ave. North Haven	Conn
Technitrol Engineering Co., 5-6-7	1952 E Allegheny Ave. Phila. 34	Pa
Telechrome Mfg Corp., 1	195 Dixon Ave. Amityville	NY
Telecomputing Corp., 1-2-5-6	915 N Citrus Ave. Hollywood	Cal
Telemetrics, Inc., 1-2-4-7	12927 S Budlong, Gardena	Cal
Texas Instruments Incorporated, Apparatus Div. Ind Prods Gr., 1-2	3609 Buffalo Spdwy. Houston 6	Tex
Thermo Electric Co. Inc., 1-2	109 5th St. Saddle Brook	NJ
Thompson Ramo Wooldridge Inc. Tapco Group, 1-2 3-5	23555 Euclid Ave. Cleveland 17	Ohio
Topp Industries, Inc., 1-4	5221 W. 102 St, Los Angeles 45	Cal
Towson Labs. Inc., 1-2	200 E Joppa Rd. Baltimore 4	Md
Trak Electronics Co. Inc., 1-7	49 Danbury Rd. Wilton	Conn
TRANSISTOR SPECIALTIES, 1-2, Adv Pg 325	**Terminal Dr. Plainview**	**NY**
Transitron Electronic Mfg. Co., 1-2	303 McCarter Hwy. Newark 2	NJ
Vernier Electronics, Ltd., 1-2	Kingston By-Pass, New Malden	Eng
Vidar Corp., 1-2-4	2296 Mora Dr. Mountain View	Cal
Vitro Corp of America, 1-2-3-4-5-6-7	261 Madison Ave. New York 16	NY
Wang Laboratories, Inc., 1-2	12 Huron Dr. Natick	Mass
Waugh Engineering Co., 4	7842 Burnet Ave. Van Nuys	Cal
Westinghouse-Electronics Div., 1-2	Baltimore	Md
Westinghouse-Instrument Dept., 4	Newark	NJ
Weston Hydraulics, Sub. Borg-Warner, 1-2	7500 Tyrone Ave. Van Nuys	Cal
Woodland Electronics Co. Inc., 1-2-4	508 McCarter Hwy. Newark 2	NJ

CONVERTERS—*FACSIMILE* See FACSIMILE EQUIPMENT

CONVERTERS—*COUNTER, VERTICAL TO HORIZONTAL READOUT*

Ampex Computer Products Co	Box 329, Culver City	Cal
Benson-Lehner Corp	1860 Franklin, Santa Monica	Cal
CG Electronics Corp	15000 Central E., Albuquerque	NM
Computer Techniques Inc	1300 Northern Blvd. Long Island City 1	NY
Consolidated Avionics Corp	800 Shames Dr, Westbury	NY
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
Du/An Controls, Inc	944 Dorchester Ave. Boston	Mass
Epsco-West	240 E. Palais Rd, Anaheim	Cal
GENERAL APPLIED SCIENCE LABS. INC., Adv Pg 525	**Merrick & Stewart Aves. Westbury**	**NY**
General Dynamics/Electronics, Info Tech Div.	1895 Hancock St. San Diego 12	Cal
Gerber Scientific Instrument Co	89 Spruce St. Hartford 1	Conn
Librascope, Div. General Precision Inc	808 Western Ave. Glendale	Cal
Marquardt Corp., Pomona Div	2709 N. Garey Ave, Pomona	Cal
Migis Electronic Corp	7820 N.W. 36th Ave, Miami 47	Fla
MODEL ENG. & MFG. CORP., Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Molectronics Div. Metec Ind. Inc	6744 Arizona Cir. Los Angeles 45	Cal
NAVIGATION COMPUTER CORP., Adv Pg 511	**Valley Forge Ind Park, Norristown**	**Pa**
Transitron Electronic Mfg. Co	503 McCarter Hwy. Newark 2	NJ
Walkirt Co	141 W Hazel St. Inglewood 3	Cal

CONVERTERS—*FREQUENCY TO DC*

AIRPAX ELECTRONICS INC. SEMINOLE DIV., Adv Pg 106	**Ft. Lauderdale**	**Fla**
Fisher & Porter Co	475 Warminster Rd. Warminster	Pa
Potter Aeronautical Corp	Rte. 22, Union	NJ
SOLID STATE ELECTRONICS CO., Adv Pg 238	**Dept E 15321 Rayen St. Sepulveda**	**Cal**
Systron-Donner Corp	950 Galindo St. Concord	Cal
Waugh Engineering Co	7842 Burnet Ave. Van Nuys	Cal

CONVERTERS—*KEYING, FREQUENCY SHIFT* See KEYERS—*AUTOMATIC*

CONVERTERS—*POWER*

1. A-C TO A-C, ROTARY
2. A-C TO A-C, TRANSISTOR
3. A-C TO A-C, TUBE
4. A-C TO A-C, VIBRATOR
5. D-C TO D-C

A-C TO A-C VIBRATOR: D-C TO A-C: See INVERTERS
See Also POWER SUPPLIES—*D-C OUTPUT, RECTIFIER OUTPUT*

AC Electronics, Inc., 2-3-5	11725 Mississippi Ave. Los Angeles 25	Cal
A & A Corp., 5	1250 Dura St. Alexandria	Va
A R & D A, 2-3	135 Main St. Belleville 9	NJ
ACCURATE INSTRUMENT CO., 2, Adv Pg 390	**2418 W Alabama, Houston 6**	**Tex**
ACME ELECTRIC CORP., 2, Adv Pg 173	**Water St. Cuba**	**NY**
Aerolab Development Co., 2	330 W. Holly St, Pasadena	Cal
Airborne Accessories Corp., 5	1414 Chestnut Ave, Hillside	NJ
AIRPAX ELECTRONICS INC. CAMBRIDGE DIV., 4-5, Adv Pg 106	**Cambridge**	**Md**
Alto Scientific Co., Inc., 5	855 Commercial St, Palo Alto	Cal
American Bosch Arma Corp., 5	321 Fulton Ave. Hempstead	NY
American Electronics Inc. Precision Power Div., 1-2-5	1598 E Rose Ave. Fullerton	Cal
Amer-Monarch Corp. Amer. Elec. Div., 2	2801 37th Ave. NE, Minneapolis 18	Minn
American Research & Mfg. Corp., 2-5	921 Halpine Ave, Rockville	Md
AMERICAN TELEVISION & RADIO CO., 4-5, Adv Pg 324	**300 E 4th St. St Paul 1**	**Minn**
AMP INC., 2, Adv Pgs 65, 183	**Eisenhower Blvd. Harrisburg**	**Pa**
[illegible] Electronics, Inc., 2-3-5	30 [illegible] Rd. Needham Heights 94	Mass
Applied Control Corp., 2-5	1080 Main St. Hackensack	NJ
ARNOLD MAGNETICS CORP., 5, Adv Pg 48	**6050 W Jefferson, Los Angeles 16**	**Cal**
[illegible] Corp., 5	11[illegible] Washington Blvd, L.A. 66	Cal
[illegible] Controls Inc., 2-3-4-5	Dept. EM, 5 Erie Dr. Natick	Mass
Automation Dynamics Corp., 5	255 County Rd. Tenafly	NJ
Barker & Williamson Inc., 2-5	Canal & Beaver Sts. Bristol	Pa
Basler Electric Co. Systems Sales, 2-5	Box 298, Highland	Ill
Bay-Tronic Co., 1-2-3-4-5	39-43 Evergreen St. Bayonne	NJ
Behlman Engineering Co., 2-3	2911 Winona Ave, Burbank	Cal
Bergen Labs., Inc., 2-5	60 Spruce St, Paterson	NJ
Bill Jack Scientific Instrument Co., 1	143 Cedros Ave. Solana Beach	Cal
Boulevard Electronics Inc., 2	4757 N Ravenswood Ave. Chicago 40	Ill
BULOVA WATCH CO. INC. ELECTRONICS DIV., 2-5, Adv Pg 427	**61-10 Woodside Ave. Woodside 77**	**NY**
Burroughs Corp. Electronic Components Div., 5	Box 1226, Plainfield	NJ
CG Electronics Corp., 5	15000 Central E., Albuquerque	NM
CTS of Canada Ltd., 5	80 Thomas St. Streetsville	Ont
[illegible] Div. Calif. Magnetic Con. Corp., 2-3-5	11922 Valerio St. N Hollywood	Cal
Campbell Co. Inc., Colin, 2-3-5	[illegible] Brook Rd. Danbury	Conn
Canadian Marconi Co., 2-5	2444 Trenton Ave. Montreal	Que
Carruthers & Fernandez, Inc., 2-3-5	1501 Colorado Ave, Santa Monica	Cal
Carter Motor Co., 1	2746 W George St. Chicago 18	Ill
[illegible] Electronics, Inc., 4-5	Stevensville	Md
Command Systems Inc., 5	1135 N [illegible] Ave. Los Angeles [illegible]	Cal
Communication Measurements Lab., Inc., 7	350 Leland Ave, Plainfield	NJ
Computer [illegible], Inc., 5	[illegible]	NY
Consolidated Avionics Corp., 2-5	800 Shames Dr, Westbury	NY
Consolidated Diesel Electric Corp., 1-5	880 Canal St. Stamford	Conn
Continental Electric Co., Inc., 1-5	314 Ferry St, Newark 5	NJ
Control Data Corp., Cedar Engr. Div., 1	501 Park Ave, Minneapolis 15	Minn
CORNELL-DUBILIER ELECTRONICS DIV. FED PACIFIC ELEC CO., 5, Adv Pgs 148, 149	**50 Paris St. Newark 1**	**NJ**
Data Equipment Co., 1-2-3-4-5	923 E. 3rd St, Los Angeles 13	Cal
DAVEN CO., 2-5, Adv Pg 187	**Rt. 10, Livingston**	**NJ**
DAVENPORT MFG. DIV.-DUNCAN ELEC. CO., 2, Adv Pg 451	**2530-32 N Elston Ave. Chicago 47**	**Ill**
Daystrom Inc. Military Elec. Div., 2	Archbald	Pa
Denco Instruments, 5	14717 Arminta St. Van Nuys	Cal
Delco Radio Div., GMC, 2-5	700 E. Firmin St. Kokomo	Ind
Deltex Electronic Div. Delta Explor. Co. Inc., 2-5	Drawer 2686, Jackson	Miss
DIETZ DESIGN, INC., 2-5, Adv Pg 226	**Grandview 6**	**Mo**
[illegible], Inc., 2-5	[illegible] Industry Lane, Cockeysville	Md
Dynco Div. [illegible] Eng. Co., 2-5	1953 N Damen, Chicago 47	Ill
[illegible] Electronics, HIT Div., 2-5	555 N 5th St Garland	Tex
E.P. Electric Products Co. Ltd., 5	[illegible] Waverly St. Montreal 12, Que, Canada	
[illegible] Pacific, Inc., 2-5	1740 Stanford St. Santa Monica	Cal
Elasco, Inc., 2	5 Prescott St. Roxbury 19	Mass
Electric Machinery Mfg. Co., 1	800 Central Ave, Minneapolis 13	Minn
Electro-Actuators Inc. Div. Omega Prec. Inc., 5	757 N Coney Ave. Azusa	Cal
Electro-Seal Corp., 2-3	946 North Ave. Des Plaines	Ill
[illegible] Instrument Corp., 2-5	1841 Old Spanish Trail, Houston 25	Tex
Electronic Development Corp., 2-5	423 W. Broadway, Boston 27	Mass
Electronic Research Associates, Inc., 2-5	67 Factory Pl, Cedar Grove	NJ
Elin Div., IERC, 3	135 W. Magnolia Blvd, Burbank	Cal
Elemag s.p.r.l., 2-4-5	2 av. Wellington, Brussels 18	Belg
Engineered Magnetics Div., Gulton, 2-5	13041 Cerise Ave, Hawthorne	Cal
[illegible] Inc. Components Div., 5	275 Massachusetts Ave. Cambridge 39	Mass
Fairfield Controls Inc., 2-5	114 Manhattan St. Stamford	Conn
Ferrotran Electronic Co. Inc., 2-5	693 Broadway, New York 12	NY
FRONTIER ELECTRONICS CO., 5, Adv Pg 193	**4606 Memphis Ave. Cleveland 9**	**Ohio**
GENERAL DEVICES INC., 5, Adv Pg 518	**Box 253, Princeton**	**NJ**
GENERAL ELECTRIC CO. APPARATUS SALES, 1-2-5, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
GENERAL MAGNETICS, INC., 5, Adv Pg 543	**Dept B, 2641 Louisiana Ave. Mpls 26**	**Minn**
General Nucleonics Corp., 2-3-5	550 5th Ave. New York 28	NY
Georator Corp., 1	315 Tudor Ln, Manassas	Va
Geotronic Labs. Inc., 2-5	1314 Cedar Hill Ave, Dallas 8	Tex
Gerst & Co., Paul E., 1	4800 N Clark, Chicago 40	Ill
Glentronics, Inc., 2-5	851 E Alosta Ave. Glendora	Cal
Great Lakes Electric Mfg Co., 1-5	17 S Desplaines St. Chicago 6	Ill
Guardian Electric Mfg. Co., 2-5	1550 W Carroll Ave. Chicago 7	Ill
Hamilton Standard Div. United Aircraft Corp., 2-5	Broad Brook	Conn
Hammond Mfg Co. Ltd., 2-5	Guelph	Ont
Heath Co. A Sub of Daystrom, Inc., 5	Benton Harbor	Mich
[illegible] Engineering Co., Inc., 1-5	4725 Iowa St. Chicago 51	Ill
Holtzer Cabot Div. National Pneumatic Co. Inc., 5	125 Amory St. Boston 19	Mass
[illegible] Co. Inc., William I., 5	29 Summer St. Boston 10	Mass
HYDRO-AIRE CO. DIV. CRANE CO., 2-5, Adv Pg 431	**3000 Winona Ave. Burbank**	**Cal**
INDUSTRIAL TEST EQUIPMENT CO., 2-3, Adv Pg 422	**55 E 11th St. New York 3**	**NY**
Intercontinental Electronics Corp., 2-5	300 Shames Dr. Westbury 29	NY
INTERELECTRONICS CORP., 1-2-3-5, Adv Pg 521	**2432 Grand Concourse, New York 58**	**NY**
International Research Associates, 2-5	2221 Warwick Ave, Santa Monica	Cal
Intl. Tel. & Tel. Corp. Ind. Prods. Div., 2-5	15191 Bledsoe St. San Fernando	Cal
Invar Electronics Corp., 5	1723 Cloverfield Blvd. Santa Monica	Cal
Jefferson Electronics Inc., 2-4-5	[illegible] N. Rockwell St. Chicago [illegible]	Ill
Johnson Electronics Inc., 5	Box 167, Casselberry	Fla
Jordan Electronics Div. Victoreen Ins. Co., 5	121 S Palm Ave. Alhambra	Cal
[illegible] Electronics, Inc., 2-5	[illegible] Monroe St. Union	NJ
KEARFOTT DIV. GEN PRECISION INC., 1, Adv Pg 394	**Little Falls**	**NJ**
Kenyon Transformer Co. Inc., 2-5	1057 Summit Ave. Jersey City 7	NJ
Kidde Electronics Labs. Walter Kidde & Co. Inc., 2-3-5	477 Brighton Rd. Clifton	NJ
Kupfrian Mfg Corp., 2-5	398 State St. Binghamton	NY
Leach Corp., 1-2	18435 Susana Rd. Compton	Cal
Lear Inc., 2	3171 S Bundy Dr. Santa Monica	Cal
Leland Airborne Products Div. A M F, 1	Box 128, Vandalia	Ohio
Lumen, Inc., 2-5	Box 905, Joliet	Ill
Magneletric Corp., 2-5	P.O. Box 6006, Tulsa	Okla
Magnetic Circuit Elements, Inc., 5	3722 Park Pl. Montrose	Cal
Mallory Electronics Div., 1-2-3-4	3029 E English Ave. Indianapolis	Ind
Marathon Electric Mfg. Corp., 1-5	Randolph & Cherry Sts. Wausau	Wis
Meterlog Corp., 2-3-5	169 N. Halstead St, Pasadena	Cal
Modern Industries, Inc., 2-5	5755 Camille Ave, Culver City	Cal
Molectronics Div. Metec Ind. Inc., 1-2-3-4-5	6344 Arizona Cir. Los Angeles 45	Cal
Motoresearch Co., 1	1495 16th St, Racine	Wisc
Motor Generator Corp. Aff. Hobart Bros., 1-5	Box BG 61, [illegible], Troy	Ohio
[illegible] Products, Inc., 2	[illegible] Morena Blvd, San Diego	Cal
Norbatrol Electronics Corp., 5	356 Collins Ave. Pittsburgh 6	Pa
Ohio Crankshaft Co., Tocco Div., 1-3	3800 Harvard Ave, Cleveland 5	Ohio
ORTHO FILTER CORP., 2-5, Adv Pg 786	**7 Paterson St. Paterson 1**	**NJ**
Ortronix, Inc., 2-5	Forsythe Rd. Dr. #217, Orlando	Fla
Osborne Research Labs., 2-5	Box 1435, Santa Barbara	Cal
OVITRON CORP., 2-5, Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
P. R. L. Electronics Inc., 2-3-5	232 Westcott Dr. Rahway	NJ
Pacific Automation Products, Inc., 2-3-4-5	1200 Air Way, Glendale 1	Cal
Pacific Mercury Electronics, 5	8345 Hayvenhurst Ave, Sepulveda	Cal
Paine Avionics, 5	Rte 5, Box 610, Everett	Wash
Palo Alto Engineering Co., 2-3-5	620 Page Mill Rd. Palo Alto	Cal
Pearce Simpson, Inc., 5	2295 N.W. 14th St. Miami 35	Fla
Performance Measurements Co., 2-5	15126 3rd Ave. Detroit 3	Mich
Perkin Electronics Corp., 5	345 Kansas St. El Segundo	Cal
Pesco Products Div. Borg-Warner Corp., 1-5	24700 N Miles Rd. Bedford	Ohio
Phillips Electronics Mfg Co., 2	119 Allen Blvd. Farmingdale	NY
Polytron Engineering, Inc., 2-5	32 W. Biddle St, Baltimore 1	Md
Power Instruments Corp., 2	235 Oregon St. El Segundo	Cal
Power Supplies, Inc., 2-3-4-5	1007 Olive St, Highland	Ill
Power-Tronic Systems, Inc., 2-5	10-12 Pine Ct. New Rochelle	NY
R S ELECTRONICS CORP., 2-5, Adv Pg 305	**Box 11368, Sta A, Palo Alto**	**Cal**
Radio Dev. & Research Corp., 1-2-3-4-5	100 [illegible] Ave. Paterson 3	NJ
Radio Frequency Labs., Inc., 3	Boonton 2	NJ
Raypar, Inc., 5	7800 W. Addison St, Chicago	Ill
RED BANK DIV. BENDIX CORP., 1-2-3-5, Adv Pgs 16, 17	**Eatontown**	**NJ**
Riverbank Labs. Dept of Engrg., 3	Box 65, Geneva	Ill
RIXON ELECTRONICS INC., 2-5, Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
Rotek Instrument Corp., 2	733 Concord Ave. Cambridge 38	Mass
Sangamo Electric Co., 1-5	1301 N. 11 St. Springfield	Ill
SENSITIVE RESEARCH INSTRUMENT CORP., 3, Adv Pg 109	**310 Main St. New Rochelle**	**NY**
SHAPIRO & EDWARDS, 2-5, Adv Pg 512	**1130 Mission St. South Pasadena**	**Cal**
[illegible] Mfg Co., 1-5	Box 275, Wayne	Ill
Simmonds Precision Prods Inc., 5	105 White Plains Rd. Tarrytown	NY
Small Motors, Inc., 5	2076 Elston Ave, Chicago 14	Ill
SOLID STATE ELECTRONICS CO., 5, Adv Pg 238	**Dept E 15321 Rayen St. Sepulveda**	**Cal**
SONEX INC., 2-5, Adv Pg 530	**20 E Herman St. Philadelphia 44**	**Pa**
SORENSEN & CO. INC., 2-5, Adv Pg 40	**Richards Ave. Norwalk**	**Conn**
Sparton Corp., 1-2-3-5	2400 E Ganson St. Jackson	Mich
Spectrol Electronics Corp., 2-5	1704 S. Del Mar, San Gabriel	Cal
Spec-Tronics, 5	11940 [illegible] Ave. Van Nuys	Cal
SPELLMAN HIGH VOLTAGE CO., 2-5, Adv Pgs 176, 177	**1930 Adee Ave. Bronx 69**	**NY**
Sprague Engineering Corp., 1	19300 S. Vermont Ave, Gardena	Cal
Straza Industries, 5	790 Greenfield Dr. El Cajon	Cal
TKM Electric Corp., 1	920 Linden Ave. Rochester 25	NY
TECHNICAL APPARATUS BUILDERS, 2-3, Adv Pg 529	**109 Liberty St. New York 6**	**NY**
TECHNOLOGY INSTRUMENT CORP. OF ACTON, 5, Adv Pgs 84, 85	**536 Main St. Acton**	**Mass**
Telechrome Mfg Corp., 2-5	195 Dixon Ave. Amityville	NY
Tel-Instrument Electronics Corp., 3	728 Garden St, Carlstadt	NJ
Teltronics Inc., 2	277 Main St. Nashua	NH
Temco Electronics Div. Temco Electronics & Missiles Co., 5	Box 6191, Dallas 22	Tex
Thompson Ramo Wooldridge Inc. Tapco Group, 1-2 5	23555 Euclid Ave. Cleveland 17	Ohio
Topp Industries, Inc., 5	5221 W. 102 St, Los Angeles 45	Cal
TORWICO ELECTRONICS INC., 2-5, Adv Pgs 491, 492	**Route 70, Lakewood**	**NJ**
TRANS ELECTRONICS INC., 2-3-5, Adv Pg 12	**7349 Canoga Ave. Canoga Park**	**Cal**
Transistor Devices Inc., 2-3-5	40 Factory St. Cedar Grove	NJ
Transval Electronics Corp., 2-5	2000 Maple Ave, El Segundo	Cal
United ElectroDynamics Inc., 5	200 Allendale Rd, Pasadena	Cal
UNITED TRANSFORMER CORP., 5, Adv Pg 2nd Cover 1, 2	**150 Varick St. New York 13**	**NY**
Universal Toroid Coil Winding Inc., 2-5	1718 Oak St. Irvington 11	NJ
Universal Transistor Products Corp., 2-5	36 Sylvester St. Westbury	NY
Valor Instruments, Inc., 2-5	13214 Crenshaw Blvd. Gardena	Cal
VARO, INC., 1-2-3-4-5 Adv Pg 118	**2201 Walnut St. Garland**	**Tex**
Vibration Research Labs. Inc., 1-2-3-4	50 Marblehead Rd. Tuckahoe	NY
Victory Electronics Inc., 2-5	50 Bond St. Westbury	NY
Webster Electric Co., 2-5	1900 Clark St. Racine	Wis
Weltronic Co., 3	19500 W. Eight Mile Rd, Southfield	Mich
Western Design & Electronics, 2-5	Santa Barbara Airport, Goleta	Cal
Westinghouse-Motor & Gearing Dept., 1-5	Buffalo	NY
WHEELER ELECTRONIC CORP. SUB. SPERRY RAND CORP., 2-3-5, Adv Pg 490	**150 E Aurora St. Waterbury 20**	**Conn**
White Avionics Corp., 2-5	Terminal Rd. Plainview	NY
Wincharger Corp., 5	E. 7th & Division Sts, Sioux City	Iowa
Zenith Radio Corp., 1-5	6001 Dickens Ave, Chicago 39	Ill

CONVERTERS—*SIGNAL*

1. A-M TO SINGLE SIDEBAND
2. MORSE TO TELETYPEWRITER
3. SHORTWAVE TO BROADCAST BAND
4. SHORTWAVE TO SHORTWAVE
5. SINGLE TO DOUBLE SIDEBAND
6. TELEMETERING, DATA INSERTION
7. TELEMETERING, MODULATION
8. TIME TO AMPLITUDE
9. UHF TO VHF TV
10. WIDEBAND TO NARROW BAND

American Bosch Arma Corp., 7	320 Fulton Ave. Hempstead	NY
American Electronics Co., 3-4	178 Herricks Rd, Mineola	NY
APPLIED ELECTRONICS CORP. OF NJ, 6-7, Adv Pg 510	**22 Center St. Metuchen**	**NJ**
APPLIED RESEARCH INC., 9-10, Adv Pg 124	**76 S Bayles Ave. Port Washington**	**NY**
Arnoux Corp., 6-7	11924 W Washington Blvd, L.A. 66	Cal
Ascop Div of Electro-Mechanical Research, Inc., 6	Box 44, Princeton	NJ
Beckman Instruments, Inc. Systems Div., 6	2400 Harbor Blvd. Fullerton	Cal
Blonder-Tongue Laboratories, Inc., 9	Dept EBG, 9 Alling St, Newark 2	NJ
Bristol Co., 8	Box 1790 EBG, Waterbury 20	Conn
CG Electronics Corp., 6-7-8-9	15000 Central E., Albuquerque	NM
Centimeg Electronics, 7-9	312 E Imperial Hwy. El Segundo	Cal
Chance Vought Corp. Vought Electronics Div., 1-5-7-10	Box 1500, Arlington	Tex
Compu Dyne Corp., 6-7	400 S Warminster Rd. Hatboro	Pa
Computer Equipment Corp., 8	11612 W Olympic Blvd. Los Angeles 64	Cal
Consolidated Avionics Corp., 6-7	800 Shames Dr, Westbury	NY
Cook Technological Center, 6	6401 Oakton St, Morton Grove	Ill
Crosby Teletronics Corp., 1	54 Kinkel St. Westbury	NY
Data-Control Systems, Inc., 6-7	E Liberty St. Danbury	Conn
Daystrom Inc. Military Elec. Div., 1-5-6-7	Archbald	Pa
DORSETT ELECTRONICS, INC., 6-7 Adv Pg 299	**Box 862, Norman**	**Okla**
EMI-Cossor Electronics Ltd., 9	Box 525 Dartmouth NS	Can
Electrada Corp., 2	11244 Playa St. Culver City	Cal
Electro-Mechanical Research, Inc., 6	Box 3041, Sarasota	Fla
Electronics, Missiles & Commun. Inc., 9	262 E 3rd St. Mt. Vernon	NY
Foxboro Co., The, 7	Foxboro	Mass
GENERAL DEVICES INC., 6-7, Adv Pg 510	**Box 253, Princeton**	**NJ**
GENERAL ELECTRODYNAMICS CORP., 10, Adv Pg 127	**4430 Forest La. Garland**	**Tex**
Geotechnical Corp., 6-7	3401 Shiloh Rd. Garland	Tex
Globe Electronics, Div. Textron Electronics, Inc., 3-5	22-30 S 34th St. Council Bluffs	Iowa
Gonset Div., Young Spring & Wire Corp., 3	801 S. Main St, Burbank	Cal
Hallamore Electronics Div Siegler Corp., 6	714 N Brookhurst Ave. Anaheim	Cal
I. D. E. A., Inc., 9	7900 Pendleton Pike, Indianapolis 26	Ind
Image Instruments Inc., 10	2300 Washington St. Newton Lower Falls	Mass
International Crystal Mfg Co., 3-4	18 N Lee St. Oklahoma City	Okla
Jerrold Electronics Corp., 9	15th & Lehigh, Philadelphia 32	Pa
Kahn Research Labs. Inc., 1-5	81 S Bergen Pl. Freeport	NY
Kauke & Co. Inc., 6-7-8	1632 Euclid St. Santa Monica	Cal
Lear Inc., 6-7	3171 S Bundy Dr. Santa Monica	Cal
Magnetic Circuit Elements, Inc., 7	3722 Park Pl. Montrose	Cal
Martin Co., 7-11	Mail No. G 3037, Baltimore 3	Md
Microdot, Inc., 6-7-9	220 Pasadena Ave. South Pasadena	Cal
Minn-Honeywell, Military Prods Gr., 6-7	2600 Ridgway Rd. Minneapolis 13	Minn
MODEL ENG. & MFG. CORP., 1-7, Adv Pg 400	**50 Frederick St. Huntington**	**Ind**
Molectronics Div. Molec Ind. Inc., 1-2-5-6-7-8	6344 Arizona Cir. Los Angeles 45	Cal
Moore Associates, Inc., 6-7	893 American St. San Carlos	Cal
Morrow Radio Mfg. Co., 3	2794 Market St, Salem	Ore
NORTH ATLANTIC INDUSTRIES INC., 6, Adv Pg 344	**Terminal Dr. Plainview**	**NY**
Nugent Electronics Co. Inc., 6	802 E 8th St. New Albany	Ind
OKI ELECTRIC INDUSTRY CO. LTD., 9, Adv Pg 257	**10 Shiba Takahama-cho Minato-ku, Tokyo**	**Jap**
Ortronix, Inc., 6-7-8	Forsythe Rd. Dr. 8217, Orlando	Fla
OVITRON CORP., 9, Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
Pacific Mercury Electronics, 6-7	8345 Hayvenhurst Ave, Sepulveda	Cal
Parsons Co., Ralph M., Electronics Div., 6-7	151 S. DeLacey Ave, Pasadena	Cal
Philco Corp. Govt & Ind Div., 7	4700 Wissahickon Ave. Phila 44	Pa
R S ELECTRONICS CORP., 1-6-7, Adv Pg 305	**Box 11368, Sta A, Palo Alto**	**Cal**
Radiation at Stanford, 6	3180 Hanover St. Palo Alto	Cal
Radiation Inc., 6-7	Melbourne	Fla
Radio Engineering Labs. Inc., 10	29-01 Borden Ave. Long Island City 1	NY
Radio Frequency Labs Inc., 2-6	Boonton 2	NJ
Redifon Ltd., 1	Broomhill Rd. Wandsworth, London SW18	Eng
RIXON ELECTRONICS, INC., 1-6-7-10, Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
Sarkes Tarzian Inc. Broadcast Eqpt Div., 9	E Hillside Dr. Bloomington	Ind
Sierra Research Corp., 7	Box 22, Buffalo 25	NY
SOLID STATE ELECTRONICS CO., 6-7 Adv Pg 238	**Dept E, 15321 Rayen St. Sepulveda**	**Cal**
Space Electronics Corp., 5-6	930 Air Way, Glendale 1	Cal
SPENCER-KENNEDY LABS. INC., 10, Adv Pg 495	**1318 Soldiers Field Rd. Boston 35**	**Mass**
Sperry Utah Co. Div. Sperry Rand Corp., 7	322 N 21st W, Salt Lake City 16	Utah
Superior Electric Co., The, 6-7	383 Middle St. Bristol	Conn
Tapetone, Inc., 3-4-5-6	Box 46, Webster	Mass
TELE-DYNAMICS DIV. AMERICAN BOSCH ARMA CORP., 6-7, Adv Pgs 196, 197	**5000 Parkside Ave. Philadelphia 31**	**Pa**
Telechrome Mfg Corp., 1	185 Dixon Ave. Amityville	NY
Telemetrics, Inc., 6-7	17927 S Budlong, Gardena	Cal
Towson Labs. Inc., 6-7	200 E Joppa Rd. Baltimore 4	Md
Trak Electronics Co. Inc., 2	49 Danbury Rd. Wilton	Conn
Valor Instruments, Inc., 2	13214 Crenshaw Blvd. Gardena	Cal
Vidar Corp., 7	2296 Mora Dr. Mountain View	Cal
Vitro Corp of America, 6	261 Madison Ave. New York 16	NY
VITRO ELECTRONICS DIV. VITRO CORP., 6 Adv Pgs 309, 310	**919 Jesup Blair Dr. Silver Spring**	**Md**
Westrex Corp. Div. Litton Industries, 1-5	540 W 58th St. New York 19	NY
Wiley Electronic Products Co., 6	2045 W Cheryl Dr. Phoenix	Ariz

CONVERTERS–*THERMIONIC, POWER*

ARNOLD MAGNETICS CORP., Adv Pg 48	**6050 W Jefferson Blvd. Los Angeles 6**	**Cal**
Consolidated Controls Corp	6 Durant Ave. Bethel	Conn
Kaiser Electronics, Inc	43 Monroe St. Union	NJ
RED BANK DIV. BENDIX CORP., Adv Pgs 16, 17	**Eatontown**	**NJ**
Servomex Controls Ltd	Crowborough, Sussex	Eng

COOLANTS–*DIELECTRIC LIQUID*

Dow Corning Corp	Midland	Mich
Esso Standard Div. Humble Oil & Refng Co	15 W 51 St. New York 19	NY

COOLING UNITS

1. CIRCULATING LIQUID
2. EVAPORATIVE INFRARED, DETECTOR
3. REFRIGERATOR-TYPE
4. THERMOELECTRIC
5. TUBE (Incl. HEAT-RADIATING SHIELDS)
6. FIN TYPE

See Also BLOWERS: CRYOSTATS: HEAT EXCHANGERS: INFRARED EQUIPMENT: LOUVERS: SINKS–HEAT

AIR PRODUCTS INC., 3, Adv Pg 464	**Box 538, Allentown**	**Pa**
Airflow Co., 1-2-3	400 S. Stonestreet Ave, Rockville	Md
Amco Engineering Co., 6	7333 W Ainslie St. Chicago 31	Ill
American Electronics, Inc., Ground Support Div., 1-3	2112 N. Chico Ave, El Monte	Cal
American-Standard Industrial Div., 5	Detroit 32	Mich
American Sterilizer Co., 3	2424 W 23rd St. Erie	Pa
ASSOCIATED TESTING LABORATORIES INC., 1-3, Adv Pg 343	**107 Route 46, Wayne**	**NJ**
Atlee Corp. Applied Dynamics Div., 1-3	330 Bear Hill Rd. Waltham	Mass
AUGAT BROS. INC., 5-6, Adv Pg 112	**33 Perry Ave. Attleboro**	**Mass**
Bar-Ray Products, Inc., 3	213 25 St. Brooklyn 32	NY
BIRTCHER CORP., 5-6, Adv Pg 489	**4371 Valley Blvd. Los Angeles 32**	**Cal**
Blue M Electric Co., 3	138 & Chatham, Blue Island	Ill
BUD RADIO INC., 5, Adv Pg 343	**2118 E 55th St. Cleveland 3**	**Ohio**
Budd Electronics Inc., 1-2-3-4-5-6	43-22 Queen St. Long Island City	NY
Cincinnati Sub-Zero Products Inc., 3	3930 E Reading Rd. Cincinnati 29	Ohio
Command Systems Inc., 2	1135 N Stanford Ave. Los Angeles 59	Cal
Delta-T Semiconductor Cooler Div. Wakefield Eng. Inc., 6	406 Main St. Wakefield	Mass
Eastern Industries, 1-2-3-5	100 Skiff St. Hamden	Conn
ELECTRO IMPULSE LAB. INC., 1, Adv Pg 357	**208 River St. Red Bank**	**NJ**
Electro-Rack, Inc., 1	11501 Jefferson Blvd. Culver City	Cal
Engineering Science Div Amer Metal Pdts Co., 1-2	2601 S State St. Ann Arbor	Mich
Eugene Engineering Co. Inc., 5-6	1217 Hyde Park Ave. Hyde Park 36	Mass
Garrett Corp., The, 1-2-3-4-5	9851 Sepulveda Blvd, Los Angeles 45	Cal
General Instrument Corp. Thermoelectric Div., 4	65 Gouverneur St. Newark	NJ
GENERAL THERMOELECTRIC CORP., 4, Adv Pg 497	**Princeton**	**NJ**
HALLICRAFTERS CO., 1-3, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
Harris Mfg. Co. Inc., 1-3	308 River St. Cambridge 39	Mass
IERC Div. Intl. Electronic Research Corp., 5	135 W Magnolia Blvd. Burbank	Cal
Janitrol Aircraft Div. Midland-Ross Corp., 1-2-3-5-6	4200 Surface Rd. Columbus 4	Ohio
Lear-Romec Div. Lear, Inc., 1-3	Abbe Rd. Elyria	Ohio
Martin Co., 2	Mail No. G3037, Baltimore 3	Md
MATERIALS ELECTRONIC PRODUCTS CORP., 4, Adv Pg 458	**990 Spruce St. Trenton**	**NJ**
Missimers, Inc., 1-3-4	3737 San Fernando Rd. Glendale 4	Cal
Modine Mfg Co., 1-5	1618 DeKoven Ave. Racine	Wis
Monsanto Chemical Co. Plastics Div., 1	812 Monsanto Ave. Springfield	Mass
Murphy & Miller, Inc., 1-3	612 W. Taylor St, Chicago 7	Ill
Northern Research & Engineering Corp., 1-2-3-4-5	238 Main St, Cambridge 42	Mass
OHIO SEMICONDUCTORS, 4, Adv Pg 87	**1205 Chesapeake Ave. Columbus 12**	**Ohio**
Omtronics Mfg Inc., 4	Box 1419, Peony Pk Sta. Omaha 14	Neb
Perfex Corp., 1-5	500 W Oklahoma Ave. Milwaukee 7	Wis
Pesco Products Div. Borg-Warner Corp., 1-4	24700 N Miles Rd. Bedford	Ohio
Pioneer Industries Div. Almar-York Co. Inc., 2-4-6	3456 W Vickery, Fort Worth 7	Tex
Precision Scientific Co., 1	3737 W. Cortland, Chicago 47	Ill
Ready-Power Co., 1	11231 Freud Ave, Detroit 14	Mich
Research, Inc., 1	P.O. Box 6164, Edina Br, Minnpls 24	Minn
Schuyler Mfg. Corp., 5	84 Porete Ave, North Arlington	NJ
STANDARD CABINET CO., INC., 1 Adv Pg 9	**57 Washington Ave. Carlstadt**	**NJ**
Staver Co. Inc., 5	41 N Saxon Ave, Bay Shore	NY
Stratocon Corp., 4	P.O. Box 10, Morristown	NJ
Tang Industries Inc., 4	480 Main St. Waltham 54	Mass
Task Corp., 1-3	1009 E Vermont, Anaheim	Cal
Telecomputing Corp., 3	915 N Citrus Ave. Hollywood	Cal
Temperature Engineering Corp., 1-3-4	1500 Teaneck Blvd. Riverton	NJ
Trane Co., 1-2-5-6	LaCrosse	Wis
Trough Associates Inc., 6	116 Greylock Ave. Belleville	NJ
United Aircraft Products, Inc., 1-2-5-6	1116 Bolander Ave. Dayton 1	Ohio
United Control Corp., 3	Overlake Ind Pk. Box 3104, Seattle	Wash
United Mfg. Co. Div. Manson Electronics Corp 1-3	41 Hemp St. Hamden 14	Conn
Vendline Products Co., 4-5-6	Box 1 - E. Franklin Lakes	NJ
Vickers Inc. Div. Sperry Rand Corp., 1-3	Box 302, Detroit 32	Mich
West Coast Research Corp., 3-4	2102 S Sepulveda Blvd. Los Angeles	Cal
WESTERN DEVICES INC., 3, Adv Pg 64	**600 W Florence Ave. Inglewood**	**Cal**
Westinghouse-Semiconductor Dept., 4	Youngwood	Pa

COORDINATE-TRANSFORM RESOLVERS See RESOLVERS–*COMPUTING*

COPPER

1. BARS & RODS
2. FOIL
3. SHEET
4. STRIP

TUBING See TUBING–*METALLIC*·*WIRE*: See WIRE–*BARE*

Accurate Specialties Co. Inc., 2-3	345 Lodi St. Hackensack	NJ
Alloys Unlimited, Inc., 2-4	21-03 43rd Ave, Long Island City 1	NY
Amejian Silver Co., Inc., 2-4	36-07 Prince St, Flushing 54	NY
American Smelting & Refining Co., 1	120 Broadway, New York 5	NY
Anaconda American Brass Co., 1-2-3-4	414 Meadow St. Waterbury 20	Conn
Anchor Metal Co., 2-4	966 Meeker Ave. Brooklyn 22	NY
Belmont Smelting & Refining Works, 1	332 Belmont Ave. Brooklyn 7	NY
Bram Metallurgical Chemical Co., 1-2-3-4	820 65 Ave, Philadelphia 26	Pa
Bridgeport Brass Co., 1-3-4	30 Grand St, Bridgeport	Conn
Bristol Brass Co., 1-3-4	510 Broad St, Bristol	Conn
Chase Brass & Copper Co., Inc., 1-3-4	236 Grand St, Waterbury 20	Conn
Cleveland Graphite Bronze Div., Clevite, 2	17000 St. Clair Ave, Cleveland 10	Ohio
Eaton Mfg. Co., Reliance Div., 1	25 Charles Ave S.E., Massillon	Ohio
Horton-Angell Co., 1-3-4	27 Bicknell St. Attleboro	Mass
LEACH & GARNER CO. INDUSTRIAL DIV., 1-2-3-4, Adv Pgs 538, 539	**55 School St. Attleboro**	**Mass**
A.D. Mackay, Inc., 1-2-3-4	198 Broadway, New York 38	NY
Nelson Electric Mfg Co., 1	Box 5385, Tulsa 16	Okla
Nippert Electric Prods Co., 1-4	1755 Wiscond St. Columbus 23	Ohio
Okonite Co., 1	1961 Canal St. Passaic	NJ
PHELPS DODGE COPPER PRODUCTS CORP., 1, Adv Pg 165	**300 Park Ave. New York 22**	**NY**
Ramyr Mfg Co., 1	1779 W Blue St. Los Angeles 31	Cal
Revere Copper & Brass, Inc., 1-2-3-4	230 Park Ave, New York 17	NY
Rome Cable Div. of Alcoa, 1	Ridge St. Rome	NY
Semi-Alloys Inc., 1-2-3-4	20 McQuesten Pkwy. N, Mt. Vernon	NY
Somers Brass Co., 2-4	94 Baldwin Ave. Waterbury	Conn
Steel Heddle Mfg Co., 2-4	2100 W Allegheny Ave. Philadelphia 32	Pa
Sylvania Elec Prods Inc. Sylvor Div., 1-3-4	208-20 Willets Point Blvd. Bayside	NY
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 2-3-4, Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
United Mineral & Chemical Corp., 1-2-3-4	16 Hudson St. New York 13	NY
Var-Lac-Oid Chemical Co., 2	116 Broad St. New York 4	NY
WILKINSON CO., 2-4, Adv Pg 180	**1660 9th St. Santa Monica**	**Cal**

COPPER–*BERYLLIUM* See BERYLLIUM COPPER
COPPER-CLAD BOARDS See LAMINATES
COPPER-OXIDE RECTIFIERS See RECTIFIERS
COPPER SULFIDE RECTIFIERS See RECTIFIERS
COPYING MACHINES See MACHINES–*COPYING*
CORDIERITE See CERAMICS

CORDS–*DIAL*

ALPHA WIRE CORP., Adv Pg 246	**200 Varick St. New York 14**	**NY**
BIRNBACH RADIO CO. INC., Adv Pg 529	**145 Hudson St. New York 13**	**NY**
COLUMBIA WIRE & SUPPLY CO., Adv Pg 478	**2850 Irving Park Rd. Chicago 18**	**Ill**
General Insulated Wire Works, Inc	69 Gordon Ave, Providence 5	RI
GUDEBROD BROS SILK CO. INC. ELECTRONICS DIV., Adv Pg 488	**225 W. 34th St. New York 1**	**NY**
Kellogg Switchboard & Supply Co	6650 S. Cicero Ave, Chicago 39	Ill

CORDS–*LACING (Incl. RIBBON & TAPE)*

ALPHA WIRE CORP., Adv Pg 246	**200 Varick St. New York 14**	**NY**
BENTLEY-HARRIS MFG CO., Adv Pg 141	**Conshohocken 13**	**Pa**
BIRNBACH RADIO CO. INC., Adv Pg 529	**145 Hudson St. New York 13**	**NY**
GUDEBROD BROS SILK CO. INC. ELECTRONICS DIV., Adv Pg 488	**225 W 34th St. New York 1**	**NY**
Hemingway & Bartlett Mfg. Co.	500 Fifth Ave, New York 36	NY
Illumitronic Engineering Corp	680 E Taylor Ave. Sunnyvale	Cal
Narrow Fabric Co	Reading	Pa
NEWMAN CORP., M. M., Adv Pgs 541, 543	**79 Clifton Ave. Marblehead**	**Mass**
Runzel Cord & Wire Co	4723 W Montrose Ave. Chicago 41	Ill
Smith, Inc., Herman H.	2326 Nostrand Ave, Brooklyn 10	NY

CORDS–*LINE*

1. WITH PLUG (OTHER END STRIPPED)
2. WITH PLUG & RECEPTACLE (CORD SET)
3. WITH VOLTAGE-DROPPING RESISTANCE

See Also WIRE–*LINE CORD*

ALDEN PRODUCTS CO., 1-2-3, Adv Pg 359	**112 N Main St. Brockton 64**	**Mass**
ALPHA WIRE CORP., 1-2, Adv Pg 246	**200 Varick St. New York 14**	**NY**
American Electric Cable Co., 1-2	183 Appleton St, Holyoke	Mass
AMERICAN ELECTRONIC WIRE & CABLE, 1-2, Adv Pg 18	**120 S Hewitt St. Los Angeles**	**Cal**
Ampco Mfg Co., 2-3	246 E 2nd St. Plainfield	NJ
BIRNBACH RADIO CO. INC., 1-3, Adv Pg 529	**145 Hudson St. New York 13**	**NY**
Cable Electric Products, 1-2-3	234 Dabol St, Providence	RI
Cadre Industries Corp., 1-2	Box 150, Endicott	NY
Calcon Mfg Co., 1-2	100 Oakland Ave. Washington	Pa
COLUMBIA WIRE & SUPPLY CO., 1-2-3, Adv Pg 478	**2850 Irving Park Rd. Chicago**	**Ill**
Consolidated Wire & Associated Cos., 1-2-3	1635 S. Clinton St, Chicago 16	Ill
Cords Ltd., Div., 1-2	121 [illegible] Ave, Dixon	Ill
Cornish Wire Co., 1-2	50 Church St, New York 7	NY
Eagle Electric Mfg. Co., Inc., 1-2	23-10 Bridge Plaza S., L.I. City	NY
Electricord Mfg. Co., 1-2	2554 E. 18th St, Brooklyn	NY
Electronic Cable Corp., 1-2-3	126 Jackson St. Cambridge 40	Mass
General Insulated Wire Works, Inc., 1-2-3	69 Gordon Ave, Providence 5	RI
General Radio Co., 2	West Concord	Mass
Hi-Lo Mfg. Corp., 1-2	1122 W. Newport Ave, Chicago 13	Ill
Holyoke Wire & Cable Corp., 1-2-3	720 Main St, Holyoke	Mass
Ideas, Inc., 2	214 Ivinson Ave. Laramie	Wyo
KINGS ELECTRONICS CO. INC., 2, Adv Pg 506	**40 Marbledale Rd. Tuckahoe**	**NY**
Kressilk Products, Inc., 4-7	73 Murray St. New York 7	NY
Kulka Electric Corp., 2	633 S Fulton Ave. Mt Vernon	NY
Miller Electric Co., 1-2	120 Main St, Pawtucket	RI
Molded Insulation Co., 1	335 E Price St. Philadelphia 44	Pa
Molex Products Co., 2	9515 Southview Ave. Brookfield	Ill
Mutron Corp., 1-2	125 Perkins Ave. Brockton	Mass
Pacific Electricord Co., 1-2	747 W Redondo Beach Blvd. Gardena	Cal
Phalo Plastics Corp., 1-2	530 Boston Tnpk. Shrewsbury	Mass
Plastic Wire & Cable Corp., 1-2	Jewett City	Conn
Regal Insulated Wire Co., 1-2	[illegible]	NJ
Robins Industries Corp., 1	36-27 Prince St, Flushing 54	NY
Rofian Co., 2	Rte 1 & Camp Meeting Rd. Topsfield	Mass
ROYAL ELECTRIC CORP., 1-2, Adv Pg 100	**95 Grand Ave. Pawtucket**	**RI**
Sierra Electric Corp., 1-2	15133 S. Figueroa St, Gardena	Cal
Speed Electronics Inc., 1-2	177 Mill La, Mountainside	NJ
Standard Tel. & Cables Ltd., 1-2	29 Glasshouse Yard, London	Eng
Superior Insulated Wire Co., 1-3	Washburn's Ln. Stony Point	NY
TAP-A-LINE MFG. CO., 2, Adv Pg 411	**Box 563, Pompano Beach**	**Fla**
Tricraft Products Corp., 1-2	1124 W. Newport Ave, Chicago 13	Ill
UCINITE CO. DIV. UCF, 1-2, Adv Pg 69	**459 Watertown St. Newtonville**	**Mass**
Victor Electric Wire & Cable Corp., 1-2	618 Main St, West Warwick	RI
Weber Electronics, Inc., 2	Hancock & Somerset, Philadelphia 33	Pa
Waldom Electronics Inc., 1-2	4521 W 53rd St. Chicago 32	Ill
Whitaker Cable Corp., 1-2	Kansas City 16	Mo

CORDS–*PATCH*

Aerolite Electronics Corp	2207 Summit Ave, Union City	NJ
ALDEN PRODUCTS CO., Adv Pg 359	**112 N Main St. Brockton 64**	**Mass**
AMERICAN ELECTRONIC WIRE & CABLE, Adv Pg 18	**120 S Hewitt St. Los Angeles**	**Cal**
AMP INC., Adv Pgs 65, 183	**Eisenhower Blvd. Harrisburg**	**Pa**
Ampco Mfg. Co	246 E. 2nd St, Plainfield	NJ
Andrew California Corp	941 E Marylind Ave. Claremont	Cal
ASSOCIATED ENGINEERING CORP., Adv Pg 559	**65 Kent St. Brookline 46**	**Mass**
Audiosears Corp	Stewart Hill Rd, Roxbury	NY
Audiotex Mfg. Co	412 S Wyman St. Rockford	Ill
Barker Products Co	3 Commerce Pk. W Bridgewater	Mass
BIRNBACH RADIO CO. INC., Adv Pg 529	**145 Hudson St. New York 13**	**NY**
Breeze Corps., Inc	700 Liberty Ave, Union	NJ
CBC Electronics Co. Inc	2601 N Howard St. Philadelphia 33	Pa
Cable Electric Products	234 Dabol St, Providence	RI
Cambridge Thermionic Corp	445 Concord Ave, Cambridge 38	Mass

1961-1962 LISTINGS of

COLUMBIA WIRE & SUPPLY CO., Adv Pg 478	**2850 Irving Park Rd. Chicago 18**	**Ill**
Component Mfg. Service, Inc	West Bridgewater	Mass
Electronic Cable Corp	135 Jackson St. Cambridge 40	Mass
Empire Electronics Co., Inc	60 Spruce St, Paterson 1	NJ
General Dynamics/Electronics	1400 Carlson Rd. Rochester 3	NY
General Radio Co	West Concord	Mass
Lab-Tronics, Inc	3939 N. Lincoln, Chicago 13	Ill
[illegible]	331 E. Price St, Phila 44	Pa
North Electric Co	553 S Market St. Galion	Ohio
Phalo Plastics Corp	530 Boston Tpke, Shrewsbury	Mass
Plastic Wire & Cable Corp	Jewett City	Conn
Rubins Industries Corp	35-27 Prince St, Flushing 54	NY
Russell Cord & Wire Co	4721 W. Montrose Ave, Chicago 41	Ill
Smith, Inc., Herman H.	2326 Hubbard Ave, Brooklyn 10	NY
Therm Electric Co. Inc	109 5th St. Saddle Brook	NJ
Trims, Inc	400 W. Lake St. Libertyville	Ill
Transistor Electronic Associates	7712 Oakdale Ave. Canoga Park	Cal
UCINITE CO. DIV. UCF, Adv Pg 69	**459 Watertown St. Newtonville**	**Mass**
United Fabricators Electronics, Inc	Stillwater	Minn
VECTOR ELECTRONIC CO., Adv Pg 544	**1100 Flower St. Glendale 1**	**Cal**
Virginia Electronics Co., Inc	5209 River Rd, Washington 16	DC
Vitro Corp of America	261 Madison Ave. New York 16	NY
VITRO ELECTRONICS DIV. VITRO CORP		
Adv Pgs 309, 310	**919 Jesup Blair Dr. Silver Spring**	**Md**
Wabur Electronics, Inc	Hancock & Somerset, Philadelphia 33	Pa

CORDS –*RETRACTILE*

ALPHA WIRE CORP., Adv Pg 246	**200 Varick St. New York 14**	**NY**
AMERICAN ELECTRONIC WIRE & CABLE,		
Adv Pg 18	**120 S Hewitt St. Los Angeles**	**Cal**
American Microphone Mfg. Co	412 S Wyman St. Rockford	Ill
Ampco Mfg Co	245 E 3rd St. Plainfield	NJ
Audiosears Corp	Stewart Hill Rd, Roxbury	NY
Barker Products Co	3 Component Pk. W Bridgewater	Mass
BIRNBACH RADIO CO. INC., Adv Pg 529	**145 Hudson St. New York 13**	**NY**
Cable Electric Products	236 Dobell St. Providence	RI
COLUMBIA WIRE & SUPPLY CO., Adv Pg 478	**2850 Irving Park Rd. Chicago**	**Ill**
Conch Ltd., Div	171 Dodge Ave, Colville	Ill
Cornish Wire Co	50 Church St, New York 7	NY
Electronic Cable Corp	125 Jackson St. Cambridge 40	Mass
General Insulated Wire Works, Inc	61 Gordon Ave, Providence 5	RI
Kellet Kords Div., Whitney Blake Co	97 Pershing St, New Haven 14	Conn
Miller Electric Co	17 Main St, Pawtucket	RI
Pacific Electricord Co	747 W Redondo Beach Blvd. Gardena	Cal
Plastic Wire & Cable Corp	Jewett City	Conn
Therm Electric Co. Inc	109 5th St. Saddle Brook	NJ
Trims, Inc	400 W. Lake St, Libertyville	Ill

CORE FRAMES –*MEMORY* See FRAMES
CORE HANDLERS See MACHINES –*MEMORY-CORE HANDLER*
CORE PLANES See MEMORIES –*COMPUTER*

CORES –*DELAY-LINE (Incl. METALLIZED)*

Aerolite Electronics Corp	2207 Summit Ave. Union City	NJ
Aerovox Inc	801 23rd St. Union City	NJ
Carroll Technical Ceramics Inc	801-23rd St. Union City	NJ
Culbertson Products, Inc	25 Samson Ave, Madison	NJ
KRYSTINEL CORP Adv Pg 519	**Box 6, Fox Island Rd. Port Chester**	**NY**
National Moldite Co. Inc	250 South St. Newark 5	NJ
United Products Co	165 Franklin Ave. Nutley 10	NJ

CORES –*LAMINATED*

1. *C-TYPE*
2. *E-TYPE*
3. *FOIL-WOUND*
4. *HIGH-PERMEABILITY*
5. *SOLENOID & RELAY*
6. *TAPE-WOUND*
7. *TOROIDAL*

ALDEN PRODUCTS CO., 7, Adv Pg 359	**112 N Main St. Brockton 64**	**Mass**
ARNOLD ENGINEERING CO., 1-2-3-4-6-7,		
Adv Pg 534	**P.O. Box G, Marengo**	**Ill**
Arnold Engineering Co. Pacific Div., 1-2	1551 E Orangethorpe Ave. Fullerton	Cal
Cardwell Research, Inc., 1-2-4-6-7	2501 E 68th St. Long Beach 5	Cal
Dynacor Inc., Sub. Sprague Electric Co., 4-6-7	1006 Westmore Ave. Rockville	Md
G. L. Electronics Co. Inc., 3-4-6-7	300 Harvard Ave, Westville	NJ
Gemco Corp. Industrial Div., 5-7	1200 Commerce Ave. Union	NJ
Hamilton Standard Div. United Aircraft Corp., 1-2-7	Broad Brook	Conn
Magnetic Metals Co., 4-6-7	Hayes Ave. at 21 St. Camden	NJ
MAGNETICS INC., 4-6-7, Adv Pg 463	**Butler**	**Pa**
MOLONEY ELECTRIC CO., 1-2-6-7,		
Adv Pgs 110, 111	**5390 Bircher Blvd. St. Louis 20**	**Mo**
MYCALEX CORP. OF AMERICA, 7, Adv Pg 351	**125 Clifton Blvd. Clifton**	**NJ**
Smallwood Ltd., S. G., 5	391-397 King St. E, Kitchener	Can
Standard Electronics Div Reeves Instrument Corp., 7	Lakewood Rd. Farmingdale	NJ
Steward Mfg Co., D.M., 1-2-4-7	3600 Jerome Ave. Chattanooga 1	Tenn
Sylvania Elec Prods Inc. Lighting Prods Div, 1-2	60 Boston St. Salem	Mass
Thomas & Skinner, Inc., 1-2-4-7	1122 E. 23rd St, Indianapolis 5	Ind
Vickers Inc. Electric Products Div., 4-5	1899 Locust St. St Louis 3	Mo
Westinghouse-Materials Mfg Div., 4-7	Box 128, Blairsville	Pa
Westinghouse-Spec. Transformer Dept., 1-2-4-6-7	Greenville	Pa
YUTAKA ELECTRIC MFG. CO. LTD., 1-2-3-4-5-6-7,		
Adv Pg 266	**1-1253 Yutaka-cho, Shinagawa-ku, Tokyo**	**Jap**

CORES –*MOLDED MAGNETIC*

1. *CERAMIC*
2. *CUP*
3. *FERRITE, FOR COILS*
4. *FERRITE, FOR MEMORIES*
5. *FERRITE, FOR DEFLECTION YOKES*
6. *POWDERED IRON*
7. *SLUG TUNING UNITS*
8. *TOROIDAL*

Accurate Specialties Co. Inc., 1	345 Lodi St. Hackensack	NJ
Airtron, Div of Litton Industries, 4	200 E Hanover Ave. Morris Plains	NJ
ALDEN PRODUCTS CO., 8, Adv Pg 359	**112 N Main St. Brockton 64**	**Mass**
Allen-Bradley Co., 3-4-5	136 W Greenfield Ave. Milwaukee 4	Wis
Ampex Computer Products Co., 1-4	Box 329, Culver City	Cal
ARNOLD ENGINEERING CO., 2-6-7-8,		
Adv Pg 534	**P.O. Box G, Marengo**	**Ill**
Arnold Engineering Co. Pacific Div., 6-7-8	1551 E Orangethorpe Ave. Fullerton	Cal
CBS Laboratories, 4	227 High Ridge Rd. Stamford	Conn
CARBORUNDUM CO. REFRACTORIES DIV., 1,		
Adv Pgs 104, 105	**Perth Amboy**	**NJ**
Colber Corp., The, 7	26 Buffington St, Irvington	NJ
Connolly & Co., 8	Box 255, Menlo Park	Cal
Crowley Div. Smith Corp., A. O., 1-2-3-5-6-7-8	1 Central Ave, W Orange	NJ
CUSTOM COMPONENTS INC., 1-2-4-5-6-7-8,		
Adv Pg 396	**Box 248, Caldwell**	**NJ**
Data Equipment Co., 4	923 E. 3rd St, Los Angeles 13	Cal
Duramic Products, Inc., 1	426 Commercial Ave, Palisades Park	NJ
Electrical Refractories Co., 1	50 Clark St, E. Palestine	Ohio
Fair-Rite Products Corp., 3	Wallkill	NY
Ferricore, Inc., 2-3-7-8	250 South St. Newark	NJ
Ferroxcube Corp. of America, 2-5	125 E Bridge St. Saugerties	NY
Gemex Corp. Industrial Div., 5	1200 Commerce Ave. Union	NJ
GENERAL CERAMICS DIV. INDIANA GENERAL CORP., 1-2-3-4-5-7-8,		
Adv Pg 77	**Keasbey**	**NJ**
General Electric Co. Heavy Military Electronics Dept., 1-2-3-8	Court St. Syracuse	NY
Kirchberger & Co., Inc., M., 1	248 Humphrey St, Englewood	NJ
KRYSTINEL CORP., 2-3-7-8 Adv Pg 519	**Box 6, Fox Island Rd. Port Chester**	**NY**
Laboratoire Ind. de Physique Appl., 6	67 Rue MA Colombier, Bagnolet Seine	Fr
Lockheed Electronics Corp. Avionics & Ind Prods Div., 1-2-3-4-8	Randolph St. Los Angeles 22	Cal
Maryland Lava Co., 1	Dept. GB, Bel Air	Md
Materials for Electronics Inc., 1-3-4-5	152-25 138 Ave. Jamaica 34	NY
Microtron Inc. Pyrocircuits Div., 3	6 Manhasset Ave. Port Washington	NY
MULLARD OVERSEAS LTD., 2-3-4-5-8,		
Adv Pg 448	**Torrington Pl. London WC 1**	**Eng**
MYCALEX CORP. OF AMERICA, 1, Adv Pg 351	**125 Clifton Blvd. Clifton**	**NJ**
NATIONAL BERYLLIA CORP., 1, Adv Pg 552	**1st & Haskell, Haskell**	**NJ**
Adv Pg 552	**1st & Haskell, Haskell**	**NJ**
National Moldite Co. Inc., 2-3-6-7-8	250 South St. Newark 5	NJ
Polymer Corp., 6-7-8	2120 Fairmont Ave. Reading	Pa
Pyroferric Co. Inc., 2-6-8	621 E 216th St. New York 67	NY
Quality Components Inc., 2-6-7-8	Daguscahonda	Pa
QUARTZITE PROCESSING, INC., 3-4-5		
Adv Pg 396	**6 Holyoke St. Malden**	**Mass**
RADIO CORES INC., 2-6-7-8, Adv Pg 482	**9540 Tulley Ave. Oak Lawn**	**Ill**
RADIO CORP. OF AMERICA SEMICONDUCTOR & MATERIALS DIV., 4,		
Adv Pg Insert Preceding 3rd Cover, 3rd Cover	**Rt 202, Somerville**	**NJ**
Sangamo Electric Co., 8	1301 N. 11 St, Springfield	Ill
Stackpole Carbon Co., 2-3-5-7-8	201 Stackpole St, St. Marys	Pa
Standard Tel. & Cables Ltd., 1-2-3-4-5-6-8	29 Glasshouse Yard, London	Eng
Steward Mfg. Co., D.M., 1-2-3-5-8	3600 Jerome Ave, Chattanooga 1	Tenn
Superex Electronics Corp., 3-6-7	4-6 Radford Pl, Yonkers	NY
SUPERIOR STEATITE & CERAMIC CORP., 1,		
Adv Pg 536	**83-91 W Forest Ave. Englewood**	**NJ**
TAIYO YUDEN CO. LTD., 3, Adv Pg 254	**25 Kanda-gokan-cho, Chiyoda-ku, Tokyo**	**Jap**
Torrington Co., 6	59 Field St. Torrington	Conn
Transonic Inc., 3-4-8	404 18th St. Bakersfield	Cal
United Mineral & Chemical Corp., 1-6	16 Hudson St. New York 13	NY
United Products Co., 3-6	165 Franklin Ave. Nutley 10	NJ
U.S. Graphite Co., Div., The Wickes Corp., 6	Saginaw 37	Mich
Vickers Inc. Electric Products Div., 3	1899 Locust St. St Louis 3	Mo
Wang Laboratories, Inc., 8	12 Huron Dr. Natick	Mass

CORE TESTERS See TESTERS –*MEMORY CORE*
CORNERS –*WAVEGUIDE* See BENDS
CORROSION INHIBITORS See PACKAGING MATERIALS –*CORROSION INHIBITING*
CORRUGATED CARDBOARD See PACKAGING MATERIALS
COTTON FIBERS See FIBERS
COUNTERMEASURE RECEIVERS See RECEIVERS –*SEARCH & COUNTERMEASURE*
COUNTERMEASURE TRANSMITTERS See TRANSMITTERS –*JAMMING & COUNTERMEASURE*
COUNTER READOUT CONVERTERS See CONVERTERS –*COUNTER*

COUNTERS –*ELECTROMAGNETIC*

1. *DIRECT-READING* 2. *PRINT-OUT*

ABRAMS INSTRUMENT CORP., 1, Adv Pg 415	**606 E Shiawassee, Lansing**	**Mich**
Americ, Inc., 1	Durham Rd, Beverly	Mass
Automatic Timing & Controls Inc., 1	King of Prussia	Pa
Baranoff & Associates A.J., 1-2	1214 Park Lane, Santa Ana	Cal
Bill Jack Scientific Instrument Co., 1	143 Cedros Ave. Solano Beach	Cal
BOWMAR INSTRUMENT CORP., 1, Adv Pg 36	**8000 Bluffton Rd. Ft Wayne**	**Ind**
Chrono-log Corp., 1-2	Box 4587, Philadelphia 31	Pa
Coleman Electronics, Inc., 1-2	133 E 162nd St. Gardena	Cal
Compu Dyne Corp., 1	400 S Warminster Rd, Hatboro	Pa
Cramer Controls Corp., 1	P.O. Box 13, Centerbrook	Conn
Data Equipment Co., 1-2	923 E. 3rd St, Los Angeles 13	Cal
Denson Electronics Corp., 1	Box 85, Rockville	Conn
Di/An Controls, Inc., 2	944 Dorchester Ave. Boston	Mass
DURANT MFG. CO., 1, Adv Pg 90	**1912-A N. Buffum St. Milwaukee 1**	**Wisc**
Electric Tachometer Corp., 1	68 & Upland Sts, Philadelphia	Pa
Electronics Corp. of America, 1	1 Memorial Dr. Cambridge 42	Mass
Fischer & Porter Co., 1-2	476 Warminster Rd, Warminster	Pa
General Controls Co., 1	801 Allen Ave, Glendale 1	Cal
Gordon Enterprises, 1	5362 N. Cahuenga Blvd, N. Hollywood	Cal
HAYDON CO., A. W., 1, Adv Pgs 302, 303	**238 N Elm St. Waterbury**	**Conn**
Haydon Instrument Co., 1-2	17 Brown St. Waterbury 20	Conn
Intimex Corp., 1-2	Bonifant & Fenton Sts, Silver Spring	Md
KEARFOTT DIV. GEN PRECISION INC., 1,		
Adv Pg 394	**Little Falls**	**NJ**
Kellogg Switchboard & Supply Co., 1-2	6650 S. Cicero Ave, Chicago 39	Ill
Landis & Gyr, Inc., 1-2	45 W. 45 St, New York 36	NY
Marquardt Corp. Pomona Div., 1	2709 N Garey Ave. Pomona	Cal
Mast Development Co., Inc., 1	2212 E. 12th St, Davenport 2	Iowa
Monroe Industries Inc., 1	932 36 St. SE, Grand Rapids 8	Mich
Mueller Laboratory	1162 N. Allen, Pasadena	Cal
Norden Div. United Aircraft Corp., 2	Helen St. Norwalk	Conn
North Electric Co., 1	553 S. Market St, Galion	Ohio
Nugent Electronics Co. Inc., 1-2	802 E 8th St. New Albany	Ind
PENNWOOD NUMECHRON CO., 1 Adv Pg 550	**7249 Frankstown Ave. Pittsburgh 8**	**Pa**
Performance Measurements Co., 1	15120 Third Ave, Detroit 3	Mich
Photocon Research Products, 1	421 N. Altadena Dr, Pasadena	Cal
Presin Co. Inc., 1-2	2014 Broadway, Santa Monica	Cal
S-E Labs. Ltd., 1	606 N Feltham Est. Feltham Middsx	Eng
Servomechanisms/Inc., 1	200 N Aviation Blvd. El Segundo	Cal
Standard Tel. & Cables Ltd., 1	29 Glasshouse Yard, London	Eng
Telecomputing Corp., 1	915 N. Citrus Ave, Hollywood	Cal
Toledo Scale Div. Toledo Scale Corp., 2	5225 Telegraph Rd. Toledo	Ohio
Veeder-Root Inc., 1	Hartford 2	Conn
Victor Adding Machine Co., 2	3900 N. Rockwell St, Chicago 18	Ill
Vor-Shan Electronics, 1	11253 Sherman Way, North Hollywood	Cal
Westinghouse-Instrument Dept., 1	Newark	NJ

COUNTERS –*ELECTRONIC (NOT PHOTOELECTRIC: Incl. SCALERS)*

1. *BINARY*
2. *BATTERY-OPERATED*
3. *DECADE*
4. *FREQUENCY*
5. *PREDETERMINED*
6. *PULSE OR IMPULSE*

A G A Corp	1271 Duke St. Alexandria	Va
Abacus, Inc., 1-3-4-5-6	3042 Overland Ave. Los Angeles	Cal
ACCURATE INSTRUMENT CO., 1-2-3-4,		
Adv Pg 390	**2418 W Alabama, Houston 6**	**Tex**
Adcon Div. Wayne-George Corp., 1	588 Commonwealth Ave. Boston 15	Mass
Advance Components Ltd., 2-4-6	Roebuck Rd. Hainault, Ilford, Essex	Eng
Advanced Instrument Corp., 2-3	1475 Powell St. Emeryville 8	Cal
Airmec Ltd., 3-4-5	High Wycombe, Buckinghamshire	Eng
Airtronics, Inc., 1-2-3-4-5-6	5522 Dorsey Ln, Washington 16	DC
Amerac, Inc., 4	Durham Rd, Beverly	Mass
APPLIED ELECTRONICS CORP. OF NJ, 1-3-4-6,		
Adv Pg 510	**22 Center St. Metuchen**	**NJ**
Ardwin Microlab Inc., 1-2-3-4-5-6	21 Spencer St. Stoneham 80	Mass
Aumec Corp., 4	195 W Hills Rd. Huntington Sta	NY
Associated American Winding Machinery, 3	754 St Ann's Ave. New York 56	NY
Automatic Timing & Controls Inc., 6	King of Prussia	Pa
Automation Management, Inc., 4-5-6	Waltham 2	Mass
Benson-Lehner Corp., 1-3-6	1860 Franklin, Santa Monica	Cal
Beva Electronics Inc., 3	135 4th St. Trenton 8	NJ
Bill Jack Scientific Instrument Co., 5	143 Cedros Ave. Solano Beach	Cal
Boesch Mfg. Div Waltham Prec Inst Co Inc., 5-6	45 River St. Danbury	Conn
BOWMAR INSTRUMENT CORP., 1-3-6, Adv Pg 36	**8000 Bluffton Rd. Ft Wayne**	**Ind**
Bristol Co., 6	Box 1790EBG, Waterbury 20	Conn
Burroughs Corp. Electronic Components Div., 3-5	Box 1226, Plainfield	NJ
CG Electronics Corp., 1-6	15000 Central E., Albuquerque	NM
Canadian Marconi Co., 4	2444 Trenton Ave. Montreal	Que
Chrono-Log Corp., 6	P.O. Box 4587, Philadelphia 31	Pa
Coleman Electronics, Inc., 1	133 E 162nd St. Gardena	Cal
Components Corp., 1-2-3-4	Denville	NJ
Computer Equipment Corp., 1	11612 W Olympic Blvd. Los Angeles 64	Cal
Computer-Measurements Co., 3-4-5-6	12970 Bradley Ave. Sylmar	Cal
Computer Techniques Inc., 1-3-4	3300 Northern Blvd. Long Island City 1	NY
Consolidated Avionics Corp., 1-3-4-5-6	800 Shames Dr, Westbury	NY
Control Devices, Inc., 6	925 S Eton Rd. Birmingham	Mich
Control Equipment Corp., 1-2-3-5-6	19 Kearney Rd, Needham Heights 94	Mass
Controlomag Labs., 4-5-6	2450 Susquehanna, Roslyn	Pa
Data Equipment Co., 1-2-3-4-5-6	923 E. 3rd St, Los Angeles 13	Cal
Decker Corp., 6	45 Monument Rd. Bala Cynwyd	Pa
Di/An Controls, Inc., 3-5-6	944 Dorchester Ave. Boston	Mass
Digital Equipment Corp., 1	Maynard	Mass
Digital Instrument Labs., 3	152 S. Atlantic Blvd, Los Angeles	Cal
Digitran Co., 6	650 S Arroyo Pkwy, Pasadena	Cal
Douglas Radio Lab., 1-3	176 Norfolk Ave. Boston 19	Mass
DURANT MFG. CO., 5-6, Adv Pg 90	**1912-A N. Buffum St. Milwaukee 1**	**Wisc**
Dymec Div. Hewlett-Packard Co., 1-3-4-5-6	395 Page Mill Rd. Palo Alto	Cal
Eberline Instrument Corp., 3	P.O. Box 279, Santa Fe	NM
ELDORADO ELECTRONICS CO., 3-5-6,		
Adv Pg 308	**2821 - 10th St. Berkeley**	**Cal**
Electro Logic Corp., 1-3	515 Boccaccio Ave. Venice	Cal
Electronic Controls Inc., 1-3-5-6	66 Southfield Ave. Stamford	Conn
Electronic Counters, Inc., 1-2-3-4-5-6	155 Eileen Way, Syosset	NY
ELECTRONIC PRODUCTS CORP., 3-4-6,		
Adv Pgs 545, 546	**4642 Belair Rd. Baltimore 6**	**Md**
Elesta Ltd., Electronic Control Appar., 3-4-5-6	Bad Ragaz, Switzerland	
Elmag s.p.r.l., 7	2 av. Wellington, Brussels 18	Belg
EMPIRE SERVICES, 1-3, Adv Pg 484	**4D-3, Skaneateles**	**NY**
ENGINEERED ELECTRONICS CO., 3-5,		
Adv Pg 326	**1441 E Chestnut Ave. Santa Ana**	**Cal**
Epsco Inc. Components Div., 1-3	275 Massachusetts Ave. Cambridge 39	Mass
ERIE-PACIFIC DIV. OF ERIE RESISTOR CORP., 3-4-5-6,		
Adv Pg 206	**12932 S Weber Way, Hawthorne**	**Cal**
Fischer & Porter Co., 6	476 Warminster Rd, Warminster	Pa
Fork Standards Inc., 4	1915 N Harlem Ave. Chicago 35	Ill
Franklin Electronics Inc., 6	E 4th St. Bridgeport	Pa
Franklin Systems, Inc., 3	Box 3091, W Palm Beach	Fla
FREED TRANSFORMER CO. INC., 5-6,		
Adv Pg 524	**1736 Weirfield St. Brooklyn 27**	**NY**
FRONTIER ELECTRONICS CO., 1-3-4,		
Adv Pg 193	**4606 Memphis Ave. Cleveland 9**	**Ohio**
GENERAL APPLIED SCIENCE LABS. INC., 1-4-5,		
Adv Pg 525	**Merrick & Stewart Aves. Westbury**	**NY**
General Controls Co., 6	801 Allen Ave, Glendale 1	Cal
General Controls Co. PIC Automation Controls Div., 5	8080 McCormick Blvd. Skokie	Ill
GENERAL DEVICES INC., 1-5-6, Adv Pg 518	**Box 253, Princeton**	**NJ**
General Nuclear Corp., 3-5-6	550 Fifth Ave, New York 36	NY
General Radio Co., 3-4-6	West Concord	Mass
General Time Corp. Incremag Div., 3-4-5-6	Progress Dr. Stamford	Conn
Gilfillan Bros. Inc., 1-4-6	1815 Venice Blvd. Los Angeles 6	Cal
Guardian Electric Mfg. Co., 6	1550 W Carroll Ave. Chicago 7	Ill
Gyra Electronics Corp., 1-3-5-6	Box 104, La Grange	Ill
HALLICRAFTERS CO., 1-4, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
Hammer Electronics Co. Inc., 3-5	Box 531, Princeton	NJ
Haydon Instrument Co., 4-5-6	17 Brown St. Waterbury 20	Conn
HEWLETT-PACKARD CO., 4-5-6,		
Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
Hunter Mfg. Co., 3-5-6	P.O. Box 153, Coralville Br, Iowa City	Iowa
H-L-S Instrument Div., The Meriam Instrument Co., 1-3-4-5-6	4525 W. 160th St, Cleveland 35	Ohio
Iconix Incorporated, 3-4-5-6	945 Industrial Ave. Palo Alto	Cal
Instrument Corp. of Florida, 1-3	Box 1226, Melbourne	Fla
Isotope Developments Ltd., 3-5-6	Bath Rd Beenham, Reading, Berks	Eng
KEARFOTT DIV. GEN PRECISION INC., 1,		
Adv Pg 394	**Little Falls**	**NJ**
Kellogg Switchboard & Supply Co., 6	6650 S. Cicero Ave, Chicago 39	Ill
Ketay Dept. Norden Div. United Aircraft Corp., 1	Jericho Tpke, Commack	NY
Landis & Gyr, Inc., 3-5-6	45 W. 45 St, New York 36	NY
LAVOIE LABORATORIES INC., 4, Adv Pg 312	**Morganville**	**NJ**
Librascope, Div. General Precision Inc., 1	808 Western Ave. Glendale	Cal
M F ELECTRONICS CORP., 1-3, Adv Pg 363	**118 E 25th St. New York 10**	**NY**
Machinery Electrification, Inc., 3-5-6	56 Hudson St. Northboro	Mass

ELECTRONIC and ALLIED PRODUCTS

Magnetics Research Co., 3-5 ... 255 Grove St, White Plains ... NY
Marquardt Corp. Pomona Div., 1-3-6 ... 2709 N Garey Ave. Pomona ... Cal
Mast Development Co., Inc., 5-6 ... 2212 E. 12th St, Davenport ... Iowa
Med-Tronics Mfg. Co. Inc., 1 ... 2019 Westchester Ave. New York 62 ... NY
Milgo Electronic Corp., 1 ... 7620 NW 36 Ave. Miami 47 ... Fla
Min-Rad, Inc., 1-3-6 ... 7416-E [illegible] Ave, N. Hollywood ... Cal
Molectronics Div. Motec Ind. Inc., 1-2-3-4-5-6 ... 6344 Arizona Cir. Los Angeles 45 ... Cal
Morrow Radio Mfg. Co., 1-4-5-6 ... 2794 Market St, Salem ... Ore
NAVIGATION COMPUTER CORP., 1-3-4-5-6-7, Adv Pg 511 ... Valley Forge Ind Park, Norristown ... Pa
Network Designers Inc., 1 ... 31 E 57th St. New York 22 ... NY
Newton Co., 1-6 ... 55 Elm St. Manchester ... Conn
NORTHEASTERN ENGINEERING INC., 1-3-4-5-6, Adv Pgs 289-292 ... Box 150, Manchester ... NH
Nuclear Chicago Corp., 1-3 ... 333 E Howard St. Des Plaines ... Ill
Nuclear Electronics Corp., 1-3 ... 2925 N Broad St. Philadelphia 32 ... Pa
Nuclear Measurements Corp., 3 ... 2463 N Arlington Ave. Indianapolis 18 ... Ind
OKI ELECTRIC INDUSTRY CO. LTD., 4, Adv Pg 257 ... 10 Shiba Takahama-cho Minato-ku, Tokyo ... Jap
Ortronix, Inc., 1 ... Forsythe Rd. Dr. 8217, Orlando ... Fla
Oxford Engineering Corp., 3-5-6 ... 478 River St. Wellesley Hills 81 ... Mass
Pacific Automation Products, Inc., 1-3-4-6 ... 1200 Air Way, Glendale 1 ... Cal
Pamborn Div. Houston-Fearless Corp., 6 ... 11822 Yukon Ave. Hawthorne ... Cal
Penn Keystone Corp., 1-6 ... Box 350, Derby ... Conn
Performance Measurements Co., 3 ... 15120 3rd Ave. Detroit 3 ... Mich
Philips Electronic Instruments, 3-6 ... 750 S Fulton Ave. Mt. Vernon ... NY
Plug-In Instruments, Inc., 1 ... 1416 Lebanon Rd. Nashville 10 ... Tenn
Post Electronics Products, 3-5-6 ... 12 Lothrop St. Beverly ... Mass
Potter Aeronautical Corp., 4-5-6 ... Route 22, Union ... NJ
Presin Co. Inc., 5-6 ... 2014 Broadway, Santa Monica ... Cal
RMS Associates, Inc., 1-3 ... 805 Mamaroneck Ave. Mamaroneck ... NY
Racal Engineering Ltd., 1-4 ... Western Rd. Bracknell, Berks ... Eng
Radiation Counter Labs., Inc., 1-3 ... 5121 W. Grove St, Skokie ... Ill
Radiation Instrument Devel Labs Inc., 1-3 ... 61 E North Ave. Northlake ... Ill
Radiation Technology, Inc., 3-4-6 ... 657 Antoine St. NW Atlanta 18 ... Ga
Rank Cintel Ltd., 1-2-3-4-6 ... Worsley Bridge Rd, London S.E. 26, England
Ridgefield Instrument Group, Schlumberger Corp., 4-6 ... Box 337, Ridgefield ... Conn
RIXON ELECTRONICS INC., 1-3, Adv Pg 412 ... 2414 Reedie Dr. Silver Spring ... Md
Robotomics Enterprises, Inc., 3-5 ... 2422 E Indian School Rd. Phoenix 16 ... Ariz
Ryan Electronics Div. Ryan Aero. Co., 1 ... 5650 Kearny Mesa Rd. San Diego 12 ... Cal
Scully Bros, Inc., 5 ... 4915 W 67 St. Chicago 38 ... Ill
Servomechanisms/Inc., 1-2 ... 200 N Aviation Blvd. El Segundo ... Cal
SIGMA INSTRUMENTS INC., 6, Adv Pgs 169-172 ... 180 Pearl St. South Braintree 85 ... Mass
Southern Instruments Ltd., 4 ... Frimley Rd. Camberley, Surrey ... Eng
Space Electronics Corp., 1 ... 930 Air Way, Glendale 1 ...
Spencer Mfg. Co ... 3701 Durand Rd, Racine ... Wisc
Standard Tel. & Cables Ltd., 3 ... 29 Glasshouse Yard, London ... Eng
Stony Brook Labs., 1 ... 55 State Rd. Princeton ... NJ
Strand Engineering Co., 5 ... 7300 Huron River Dr. Dexter ... Mich
Sun Electric Co., 6 ... 6323 Avondale St. Chicago 31 ... Ill
Systron-Donner Corp., 3-4-6 ... 950 Galindo St. Concord ... Cal
Technical Measurement Corp., 3-6 ... 441 Washington Ave, North Haven ... Conn
Telemetrics, Inc., 1-3 ... 12927 S Budlong, Gardena ... Cal
TEMPO INSTRUMENT INC., 1-3-4-6, Adv Pg 130 ... Commercial St. Hicksville ... NY
Tenlo Research Corp., 1-3-5-6 ... 9424 Lyndale Ave S, Minneapolis 20 ... Minn
TRANSISTOR SPECIALTIES, 1-2-3-4-5-6, Adv Pg 325 ... Terminal Dr. Plainview ... NY
Trott Electronics, Inc., 1-3-5-6 ... 412 Smith St. Rochester 8 ... NY
Trotter Labs., 2-3 ... Box 5253, Raleigh ... NC
U. S. Nuclear Corp., 1-2-3-4-5-6 ... 801 N. Lake St, Burbank ... Cal
Veeder-Root Inc., 3-5-6 ... Hartford 2 ... Conn
Venner Electronics, Ltd., 1-2-3-4-5-6 ... Kingston By-Pass, New Malden ... England
Vari-Stein Electronics, 6 ... 13259 Sherman Way, North Hollywood ... Cal
Walkirt Co., 1-2-3-4-5-6 ... 141 W Hazel St. Inglewood 3 ... Cal
Wang Laboratories, Inc., 1-3 ... 12 Huron Dr. Natick ... Mass
Waugh Engineering Co., 3 ... 7842 Burnet Ave. Van Nuys ... Cal
Westinghouse-Instrument Dept., 6 ... Newark ... NJ
Westport Electric, 3-4-5 ... 149 Lomita St, El Segundo ... Cal

COUNTERS –GEIGER See COUNTERS –NUCLEAR PARTICLE

COUNTERS –MECHANICAL

ABRAMS INSTRUMENT CORP., Adv Pg 415 ... 606 E Shiawassee, Lansing ... Mich
Amerac, Inc ... Dunham Rd, Beverly ... Mass
Atomic Products, Inc ... 1 Bala Ave, Bala-Cynwyd ... Pa
Barber & Williamson Inc ... Canal & Beaver Sts. Bristol ... Pa
Bausch Mfg. Div Waltham Prec Inst Co Inc ... 45 River St. Danbury ... Conn
BOWMAR INSTRUMENT CORP., Adv Pg 36 ... 8000 Bluffton Rd. Ft Wayne ... Ind
Chicago Dynamic Industries, Inc ... 1725 Diversey Blvd, Chicago 14 ... Ill
Coleman Electronics, Inc ... 133 E 162nd St. Gardena ... Cal
Dana Instruments Co ... Tillary & Prince Sts, Brooklyn 1 ... NY
Data Equipment Co ... 503 E. 3rd St, Los Angeles 13 ... Cal
Digitran Co ... 665 S. Arroyo Pkwy, Pasadena ... Cal
DURANT MFG. CO., Adv Pg 90 ... 1912-A N. Buffum St. Milwaukee 1 ... Wisc
Electric Tachometer Corp ... 68 S. Upland Sts, Philadelphia ... Pa
Exact Engineering & Mfg., Inc ... P.O. Box 447, Oceanside ... Cal
Fischer & Porter Co ... 476 Warminster Rd, Warminster ... Pa
General Controls Co ... 801 Allen Ave, Glendale 1 ... Cal
General Controls Co. PIC Automation Controls Div ... 8080 McCormick Blvd. Skokie ... Ill
Gordon Enterprises ... 5362 N. Cahuenga Blvd. N. Hollywood ... Cal
Haydon Instrument Co ... 17 Brown St. Waterbury 20 ... Conn
Intimax Corp ... Bonifant & Fenton Sts, Silver Spring ... Md
KEARFOTT DIV., GEN PRECISION INC., Adv Pg 394 ... Little Falls ... NJ
Kellogg Switchboard & Supply Co ... 6650 S. Cicero Ave, Chicago 38 ... Ill
Kollsman Instrument Corp Sub Standard Kollsman Ind Inc ... 80-08 45th Ave. Elmhurst 73 ... NY
Med-Tronics Mfg. Co. Inc ... 2019 Westchester Ave. New York 62 ... NY
Milton Mfg. Co., James ... 150 Exchange St. Malden ... Mass
MODEL ENG. & MFG. CORP., Adv Pg 480 ... 50 Frederick St. Huntington ... Ind
Presin Co. Inc ... 2014 Broadway, Santa Monica ... Cal
SIGMA INSTRUMENTS INC., Adv Pgs 169-172 ... 180 Pearl St. S Braintree 85 ... Mass
Sterling Instrument Div ... 17 Matinecock Ave. Port Washington ... NY
Stevens Mfg. Co., George ... 6022 N. Rogers Ave, Chicago 46 ... Ill
Sun Electric Co ... 6323 Avondale St. Chicago 31 ... Ill
Telecomputing Corp ... 915 N. Citrus Ave, Hollywood ... Cal
Theta Instrument Corp ... 520 Victor St, Saddle Brook ... NJ
Veeder-Root, Inc ... Hartford 2 ... Conn

Victor Adding Machine Co ... 3900 N Rockwell St. Chicago 18 ... Ill
Vari-Stein Electronics ... 13259 Sherman Way, North Hollywood ... Cal
Washington Scientific Industries Inc ... 13111 Wayzata Blvd. Minneapolis 40 ... Minn

COUNTERS –NUCLEAR-PARTICLE

1. ALPHA
2. BETA
3. GAMMA
4. NEUTRON
5. SCINTILLATION
6. PROPORTIONAL

See Also CHAMBERS –IONIZATION

Allied Research Associates Inc., 5 ... 43 Leon St. Boston 15 ... Mass
Anton Electronic Labs Inc. Div. Lionel Corp., 1-2-3-4-6 ... 1226 Flushing Ave. Brooklyn 37 ... NY
Atomic Accessories, Inc., 1-2-3-4-5-6 ... 811 W Merrick Rd. Valley Stream ... NY
Baird-Atomic Inc., 5-6 ... 33 University Rd. Cambridge 38 ... Mass
Computing Devices of Can. Ltd., 5 ... Box 508, Ottawa, Ont ... Can
Decker Corp., 2 ... 45 Monument Rd. Bala Cynwyd ... Pa
Douglas Radio Lab., 5 ... 176 Norfolk Ave. Boston 19 ... Mass
Dymec Div. Hewlett-Packard Co., 5 ... 395 Page Mill Rd. Palo Alto ... Cal
EMI-Cossor Electronics Ltd., 1-2-3 ... Box 525 Dartmouth NS ... Can
Eberline Instrument Corp., 1-2-3-4-5-6 ... 805 Early St, Santa Fe ... NM
ELDORADO ELECTRONICS CO., 1-2-3-4-6, Adv Pg 308 ... 2821 - 10th St. Berkeley ... Cal
Franklin Systems, Inc., 1-2-3-4-5 ... Box 3250, W Palm Beach ... Fla
General Nuclear Corp., 5 ... 560 Fifth Ave, New York [illegible] ... NY
Hamner Electronics Co., Inc., 1-2-3-4-5-6 ... P.O. Box 531, Princeton ... NJ
HARSHAW CHEMICAL CO., 1, Adv Pg 508 ... 1945 E 97th St. Cleveland 6 ... Ohio
HITACHI LTD., 1, Adv Pg 263 ... 1-4 Marunouchi, Chiyoda-ku, Tokyo ... Jap
Hughes Microwave Components Div., 1 ... Florence & Teale, Culver City ... Cal
Instruments, Inc., 3 ... Box 556, Tulsa ... Okla
Isomet Corp., 5 ... 433 Commercial Ave. Palisades Park ... NJ
Isotope Developments Ltd., 1-2-3-5 ... Bath Rd Beenham, Reading, Berks ... Eng
Kahl Scientific Instrument Corp., 1-2-3-4-5-6 ... 737 W Main St. El Cajon ... Cal
Land-Air, Inc., 1-3-5 ... 7444 W. Wilson Ave, Chicago 31 ... Ill
Landsverk Electrometer Co., 1-2-3-4 ... 641 Sonora Ave, Glendale 1 ... Cal
Leighton Labs., H. W., 3 ... Sunset Ln. & York Rd. Hatboro ... Pa
Med-Tronics Mfg. Co. Inc., 1-2 ... 2019 Westchester Ave. New York 62 ... NY
Molectronics Div. Motec Ind. Inc., 1-2-3-4-5-6 ... 6344 Arizona Cir. Los Angeles 45 ... Cal
Nuclear Chicago Corp., 1-2-3-4-5-6 ... 333 E Howard St. Des Plaines ... Ill
Nuclear Corp of America, 1-2-3-4-5 ... 2 Richwood Pl, Denville ... NJ
Nuclear Development Lab. Inc., 1-2-3-4-6 ... Box 1224, Kansas City 13 ... Mo
Nuclear Electronics Corp., 1-2-3-5 ... 2925 N. Broad St, Philadelphia 32 ... Pa
Nuclear Measurements Corp., 1-2-3-5-6 ... 2463 N Arlington Ave. Indianapolis 18 ... Ind
Pacific Transducer Corp., 3 ... 11836 W. Pico Blvd, Los Angeles 64 ... Cal
Philips' Gloeilampenfabrieken, N. V., 1-6 ... Eindhoven ... Neth
Picker X Ray Corp., 1-2-3-4-5-6 ... White Plains ... NY
Precision Radiation Instruments Inc., 1-2-3-5 ... 4101 S Normandie, Los Angeles ... Cal
Radiation Counter Labs., Inc., 1-2-3-4-5 ... 5121 W. Grove St, Skokie ... Ill
Radiation Instrument Devel Labs Inc., 1-2-3-4-5-6 ... 61 E North Ave. Northlake ... Ill
Radiation Technology, Inc., 1-2-3-4-5-6 ... 657 Antoine St. NW Atlanta 18 ... Ga
Reuter-Stokes Electronic Components, Inc., 3-4-5-6 ... 2149 Hamilton Ave. Cleveland 14 ... Ohio
SEMI-ELEMENTS INC., 1-2-3-4-5, Adv Pg 524 ... Saxonburg Blvd. Saxonburg ... Pa
Smith-Florence, Inc., 2 ... 4228 23rd W, Seattle ... Wash
Stark Electronic Instruments Ltd., 1-2-3-4 ... Box 671, Ajax ... Ont
Strand Engineering Co., 4 ... 7300 Huron River Dr. Dexter ... Mich
Summers & Wills Inc., 1-2-3 ... 911 W Commerce, Dallas 8 ... Tex
Taffet Electronics Inc., 2-3 ... [illegible] 77 ... NY
Technical Associates, 1-2-3-5 ... 140 W. Providence Ave, Burbank ... Cal
Technical Measurement Corp., 1-2-3-5 ... 441 Washington Ave, North Haven ... Conn
Telecomputing Corp., 1-2-3 ... 135 Dixon Ave, Amityville ... NY
Tracerlab, Inc., 1-2-3-4-5-6 ... 1601 Trapelo Rd. Waltham 54 ... Mass
Troxler Labs., 4-5-6 ... Box 5253, Raleigh ... NC
TUNG-SOL ELECTRIC INC., Adv Pgs 158, 159 ... 1 Summer Ave. Newark 4 ... NJ
Twentieth Century Electronics Ltd., 1-2-3-4-6 ... King Henry's Dr. New Addington, Surrey ... Eng
U. S. Nuclear Corp., 1-2-3-4-5 ... 801 N. Lake St, Burbank ... Cal
Universal Transistor Products Corp., 1-2-3 ... 36 Sylvester St. Westbury ... NY
VICTOREEN INSTRUMENT CO., COMPONENTS DIV., 1-2-3-4-5-6 Adv Pgs 466, 493 ... 5806 Hough Ave. Cleveland 3 ... Ohio
Westinghouse Electric Corp. Electronic Tube Div., 3-4-6 ... Box 284, Elmira ... NY
Wood Counter Laboratory, N., 2-3-4-5-6 ... 1525 E 53rd, Chicago 15 ... Ill

COUNTERS –PHOTOELECTRIC

Airmec Ltd ... High Wycombe, Buckinghamshire, England
Airtek Microlab Inc ... 21 Spencer St, Stoneham 80 ... Mass
Atlee Corp. Monitor Controller Div ... 99 Grove St. Rockland ... Mass
Baird-Atomic Inc ... 33 University Rd. Cambridge 38 ... Mass
Barnhoff & Associates, A.J ... 1214 Park Lane, Santa Ana ... Cal
Clark Controller Co ... 1146 E. 152 St. Cleveland 10 ... Ohio
Computer-Measurements Co ... 12970 Bradley Ave. Sylmar ... Cal
DURANT MFG. CO., Adv Pg 90 ... 1912-A N. Buffum St. Milwaukee 1 ... Wisc
Electronic Controls Inc ... 66 Southfield Ave. Stamford ... Conn
Electronic Counters, Inc ... 150 Eileen Way, Syosset ... NY
ERIE-PACIFIC DIV. ERIE RESISTOR CORP., Adv Pg 206 ... 12932 S Weber Way, Hawthorne ... Cal
FREED TRANSFORMER CO. INC., Adv Pg 524 ... 1736 Weirfield St. Brooklyn 27 ... NY
General Controls Co ... 801 Allen Ave, Glendale 1 ... Cal
General Controls Co. PIC Automation Controls Div ... 8080 McCormick Blvd. Skokie ... Ill
Machinery Electrification, Inc ... 56 Hudson St. Northboro ... Mass
Med-Tronics Mfg. Co. Inc ... 2019 Westchester Ave. New York 62 ... NY
Molectronics Div. Motec Ind. Inc ... 6344 Arizona Cir. Los Angeles 45 ... Cal
Optron Corp ... 315 S Salinas St. Santa Barbara ... Cal
Oxford Engineering Corp ... 478 River St. Wellesley Hills 81 ... Mass
Philips' Gloeilampenfabrieken, N. V ... Eindhoven ... Neth
Photobell Co. Inc ... 12 E 22 St. New York 10 ... NY
Royco Instruments Inc ... 440 Olive St. Palo Alto ... Cal
Streeter-Amet Co ... Grayslake ... Ill
Wells Industries Corp ... 6880 Troost Ave. Hollywood ... Cal

COUNTERS –PRESET See COUNTERS –ELECTRONIC, PREDETERMINED

COUNTERS –REVOLUTION

Airtek Microlab Inc ... 21 Spencer St, Stoneham 80 ... Mass
Bristol Co ... Box 1790 EBG, Waterbury 20 ... Conn
Digitool Corp ... 5300 Broadway Rd, Houston 27 ... Tex
DURANT MFG. CO., Adv Pg 90 ... 1912-A N. Buffum St. Milwaukee 1 ... Wisc
Eagle Signal Co Div Gamewell Co-E.W Bliss Sub ... 202-20th St. Moline ... Ill
Electric Tachometer Corp ... 68 & Upland Sts, Philadelphia ... Pa
Electronic Controls Inc ... 66 Southfield Ave. Stamford ... Conn
ERIE-PACIFIC DIV. ERIE RESISTOR CORP., Adv Pg 206 ... 12932 S Weber Way, Hawthorne ... Cal
General Controls Co ... 801 Allen Ave, Glendale 1 ... Cal
General Controls Co. PIC Automation Controls Div ... 8080 McCormick Blvd. Skokie ... Ill
Haydon Instrument Co ... 17 Brown St. Waterbury 20 ... Conn
Instrument Systems Corp ... 129-07 18th Ave. College Point 56 ... NY
Mast Development Co. Inc ... 2212 E 12th St, Davenport 20 ... Iowa
Molectronics Div. Motec Ind. Inc ... 6344 Arizona Cir. Los Angeles 45 ... Cal
Streeter-Amet Co ... Grayslake ... Ill
Washington Scientific Industries Inc ... 13111 Wayzata Blvd. Minneapolis 40 ... Minn
Westinghouse-Instrument Dept ... Newark ... NJ

COUNTER TUBES See TUBES –COUNTER

COUNTING CONTROLS See CONTROLS –COUNTING

COUNTING-RATE METERS See METERS –COUNTING-RATE

COUPLERS –DIRECTIONAL, MICROWAVE

AIRBORNE INSTRUMENTS LAB. DIV. CUTLER-HAMMER INC., Adv Pg 151 ... Comac Rd. Deer Park ... NY
Airtec Inc ... 139 E First Ave. Roselle ... NJ
Airtron, Div of Litton Industries ... 200 E. Hanover Ave, Morris Plains ... NJ
Amtron Corp ... 17 Felton St, Waltham ... Mass
ANTENNA SYSTEMS, INC., Adv Pg 428 ... Hingham Industrial Center, Hingham ... Mass
Airtek Microlab Inc ... 21 Spencer St, Stoneham 80 ... Mass
AUTOMATIC METAL PRODUCTS CORP., Adv Pg 550 ... 315 Berry St. Brooklyn 11 ... NY
Bogart Mfg. Corp ... 315 Seigel St, Brooklyn 6 ... NY
BUDD STANLEY CO. INC., Adv Pg 313 ... 175 Eileen Way, Syosset ... NY
CMS Waveguide Corp ... 301 W Hoffman Ave. Lindenhurst ... NY
CONTROL ELECTRONICS CO. INC., Adv Pg 444 ... 10 Stepar Pl. Huntington Sta ... NY
DeMORNAY-BONARDI CORP., Adv. Pgs. 178, 179 ... 780 S Arroyo Pkwy. Pasadena ... Cal
E & M Laboratories ... 15145 Califa St. Van Nuys ... Cal
Electrada Corp ... 11244 Playa St. Culver City ... Cal
FXR INC., Adv Pgs 100, 101 ... 25-26 50th St. Woodside 77 ... NY
General Microwave Corp ... 47 Gazza Blvd. Farmingdale ... NY
Gilfillan Bros., Inc ... 1815 Venice Blvd, Los Angeles 6 ... Cal
Graham Mfg. Co., Inc ... 475 Ridge St. East Greenwich ... RI
HEWLETT-PACKARD CO., Adv Pgs 19-34 ... 1501 Page Mill Rd. Palo Alto ... Cal
KEARFOTT DIV., GEN PRECISION INC., Adv Pg 394 ... Little Falls ... NJ
Laboratory For Electronics, Inc ... 1079 Commonwealth Ave. Boston 15 ... Mass
M.C.S. Corp ... 1011 S Mountain Ave. Monrovia ... Cal
Meredith Metalcraft, Inc ... [illegible] ... [illegible]
MICROLAB, Adv Pg 356 ... 570 W Mt. Pleasant Ave. Livingston ... NJ
Microphase Corp ... River Rd. Cos Cob ... Conn
Microwave Components, Inc ... Doylestown ... Pa
MICROWAVE CORP. OF AMERICA, Adv Pg 462 ... Box 278, Stamford ... Conn
Microwave Development Labs. Inc ... 15 Strathmore Rd. Natick ... Mass
Microwave Dynamics Corp ... 5 Fairchild Ct. Plainview ... NY
MODEL ENG. & MFG. CORP., Adv Pg 480 ... 50 Frederick St. Huntington ... Ind
OMEGA LABORATORIES INC., Adv Pg 226 ... Box 309, Rowley ... Mass
PORTCHESTER INSTRUMENT CORP., Adv Pg 468 ... 114 Wilkins Ave. Port Chester ... NY
Precision Microwave Corp ... Main St, Millis ... Mass
RADAR MEASUREMENTS CORP Adv Pg 516 ... 190 Duffy Ave, Hicksville ... NY
Rantec Corp ... 23999 Ventura Blvd, Calabasas ... Cal
Sage Laboratories, Inc ... 3 Huron Dr, Natick ... Mass
Schutter Microwave Corp ... 80 Montauk Hwy. Lindenhurst ... NY
Sigma Electronics Research Corp ... [illegible] Airport Blvd. Seattle 8 ... Wash
Specialty Electronics Development Corp ... Eileen Way, Syosset ... NY
Sperry Microwave Electronics Co ... Box 1828, Clearwater ... Fla
Strand Engineering Co ... 7300 Huron River Dr. Dexter ... Mich
TECHNICAL APPLIANCE CORP., Adv Pg 523 ... P.O. Box 38, Sherburne ... NY
TOKYO DENKI SEIKI CO. LTD., Adv Pg 264 ... 11 2-chome, Nakamachi, Kanda, Chiyoda-ku, Tokyo ... Jap
Varian Associates ... 611 Hansen Way, Palo Alto ... Cal
Victor R.F. & Microwave Co ... [illegible] Wakefield ... Mass
Waveline, Inc ... P.O. Box 718, Caldwell ... NJ
WEINSCHEL ENGINEERING CO., INC Adv Pgs 51-54, 55 ... 10503 Metropolitan Ave. Kensington ... Md

COUPLERS –DIRECTIONAL TRANSMITTING ANTENNA, WITH PHASING UNITS

Airtron, Div of Litton Industries ... 200 E Hanover Ave, Morris Plains ... NJ
Antenna Products Co. Div. All Products Co ... Box 110, Mineral Wells ... Tex
ANTENNA SYSTEMS, INC., Adv Pg 428 ... Hingham Industrial Center, Hingham ... Mass
AUTOMATIC METAL PRODUCTS CORP., Adv Pg 550 ... 315 Berry St. Brooklyn 11 ... NY
Bogart Mfg. Corp ... 315 Seigel St, Brooklyn 6 ... NY
CONTROL ELECTRONICS CO. INC., Adv Pg 444 ... 10 Stepar Pl. Huntington Sta ... NY
Electrada Corp ... 11244 Playa St. Culver City ... Cal
FXR INC., Adv Pgs 100, 101 ... 25-26 50th St. Woodside 77 ... NY
General Microwave Corp ... 47 Gazza Blvd. Farmingdale ... NY
Gilfillan Bros., Inc ... 1815 Venice Blvd, Los Angeles 6 ... Cal
Johnson Co., E.F ... Waseca ... Minn
KEARFOTT DIV., GEN PRECISION INC., Adv Pg 394 ... Little Falls ... NJ
LIECO INC., Adv Pg 398 ... 150 Eileen Way, Syosset ... NY
Microphase Corp ... River Rd. Cos Cob ... Conn
Microwave Dynamics Corp ... 5 Fairchild Ct. Plainview ... NY
Phillips Electronics Mfg Co ... 775 Allen Blvd. Farmingdale ... NY
RADAR MEASUREMENTS CORP Adv Pg 516 ... 190 Duffy Ave, Hicksville ... NY
RIXON ELECTRONICS INC., Adv Pg 412 ... 2414 Reedie Dr. Silver Spring ... Md
Sigma Electronics Research Corp ... [illegible] Airport Blvd. Seattle 8 ... Wash
Specialty Electronics Development Corp ... 115 Eileen Way, Syosset ... NY
Sperry Microwave Electronics Co ... Box 1828, Clearwater ... Fla
TECHNICAL APPLIANCE CORP., Adv Pg 523 ... P.O. Box 38, Sherburne ... NY
Victor R.F. & Microwave Co ... [illegible] Wakefield ... Mass
Waveline, Inc ... P.O. Box 718, Caldwell ... NJ

COUPLERS –*RECEIVING*

1. ANTENNA (TWO ANTENNAS TO ONE SET) *2. RECEIVER (TWO OR MORE SETS TO ONE ANTENNA)*

A G A Corp.	1201 Duke St. Alexandria	Va
Airtron, Div of Litton Industries, 1-2	200 E Hanover Ave. Morris Plains	NJ
Andrew California Corp., 1	941 E Maryland Ave. Claremont	Cal
Antenna Products Co. Div. All Products Co., 1-2	Box 110, Mineral Wells	Tex
Antennavision Inc., 2	Box 1126, Phoenix	Ariz
Anthonic Corp., 2	2712 N. Montrose Ave, Chicago 18	Ill
ARRA CORP., 1, Adv Pg 498	**27 Bond St. Westbury**	**NY**
Audiotex Mfg. Co., 1-2	412 S Wyman St. Rockford	Ill
Aviel Electronics, Inc., 1	1755 Berkeley St. Santa Monica	Cal
Babcock Electronics Corp., 1	1640 Monrovia Ave. Costa Mesa	Cal
Barker & Williamson Inc., 1	Canal & Beaver Sts. Bristol	Pa
Benco Television Associates, Ltd., 1-2	27 Taber Rd, Rexdale, Ontario, Canada	
Blonder-Tongue Laboratories, Inc., 1-2	Dept EBG, 9 Alling St, Newark 2	NJ
Bogart Mfg Corp., 1	315 Seigel St. Brooklyn 6	NY
CG Electronics Corp., 1-2	2500 Central E., Albuquerque	NM
Capehart Corp., 1-2	87-46 123rd St. Richmond Hill 18	NY
Chance Vought Corp. Vought Electronics Div., 1-2	Box 1500, Arlington	Tex
Channel Master Co., 1-2	Ellenville	NY
Clear Beam Antenna Co., 1-2	21341 Roscoe Blvd, Canoga Park	Cal
Collins Radio Co., 2	5200 C Ave. NE, Cedar Rapids	Iowa
Defense Electronics, Inc., 2	5451-B Randolph Rd, Rockville	Md
Diamond Antenna & Microwave Corp., 1-2	River St, Winchester	Mass
Eby Co., Hugh H., 1	4701 Germantown Ave, Philadelphia 44	Pa
Fedtro Inc., 1	Fed. Electr. Bldg. Rockville Centre	NY
G-C Electronics Co., 2	400 S Wyman St. Rockford	Ill
General Electronic Control, Inc., 2	9001 Bloomington Frwy. Mpls 20	Minn
Granger Associates, 2	974 Commercial St. Palo Alto	Cal
HALLICRAFTERS CO., 1-2, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
I. H. Mfg. Co., 1	121 Greene St. New York 12	NY
Intercontinental Electronics Corp., 1-2	300 Shames Dr. Westbury 29	NY
Jewex Electronics, 1-2	Box 446, Redlands	Cal
Kay-Townes Antenna Co., 2	1511 Dean Ave. Rome	Ga
LIECO INC., 1, Adv Pg 398	**150 Eileen Way, Syosset**	**NY**
Magnavox Co., 2	2131 Bueter Rd. Fort Wayne 4	Ind
Maury & Associates, 1-2	10373 Mills Ave, Montclair	Cal
Microphase Corp., 1-2	River Rd. Cos Cob	Conn
Microtech, Inc., 1-2	Hilldale Rd. Cheshire	Conn
MODEL ENG. & MFG. CORP., 1, Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Mosley Electronics, Inc., 2	4610 N. Lindbergh, Bridgeton	Mo
Planetronics, Inc., 1-2	Easton	Pa
R.L.C. Electronics, Inc., 1-2	105 Mamaroneck Ave. Mamaroneck	NY
R S ELECTRONICS CORP., 2, Adv Pg 305	**Box 11368, Sta A, Palo Alto**	**Cal**
Radio Merchandise Sales, Inc., 1-2	2016 Bronxdale Ave. New York 62	NY
Rantec Corp., 1-2	23999 Ventura Blvd, Calabasas	Cal
Rope Insulated Wire Co., 1-2	830 Monroe St, Hoboken	NJ
RIXON ELECTRONICS, INC., 2, Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
ROHDE & SCHWARZ, USA INC., 2, Adv Pg 403	**P.O. Box 275, Passaic**	**NJ**
Sigma Electronics Research Corp., 1-2	15735 Ambaum Blvd. Seattle 6	Wash
Specialty Electronics Development Corp., 2	115 Eileen Way, Syosset	NY
Superex Electronics Corp., 1-2	4-6 Radford Pl, Yonkers	NY
TECHNICAL APPLIANCE CORP., 1-2, Adv Pg 523	**P.O. Box 38, Sherburne**	**NY**
TECHNICAL MATERIEL CORP., 1-2, Adv Pg 346	**700 Fenimore Rd. Mamaroneck**	**NY**
Trak Electronics Co. Inc., 2	49 Danbury Rd. Wilton	Conn
Trans-Tel Corp., 2	983 N. Orange Dr, Los Angeles 38	Cal
United Shoe Machinery Corp., 1-2	140 Federal St. Boston	Mass
Vidaire Electronics Mfg. Corp., 1-2	365 Babylon Tnpk. Roosevelt	NY
Vitro Corp of America, 2	261 Madison Ave. New York 16	NY
VITRO ELECTRONICS DIV. VITRO CORP., 2, Adv. Pgs. 309, 310	**919 Jesup Blair Dr. Silver Spring**	**Md**
Weber Electronics, Inc., 1-2	Hancock & Somerset, Philadelphia 33	Pa
Walsco Electronics Mfg. Co., 1-2	400 S. Wyman St, Rockford	Ill
Washington Aluminum Co. Inc., 2	Pa RR & Knecht Ave. Baltimore 29	Md
Westinghouse-Electronics Div., 2	Baltimore	Md
Winegard Co., 1-2	3000 Kirkwood Ave. Burlington	Iowa

COUPLINGS –*MICROWAVE*

Aircraft Armaments, Inc.	Cockeysville	Md
Airtec, Inc.	139 E. First Ave. Roselle	NJ
Airtron, Div of Litton Industries	200 E. Hanover Ave, Morris Plains	NJ
Andrew California Corp.	941 E Maryland Ave. Claremont	Cal
ANTENNA SYSTEMS, INC., Adv Pg 420	**Hingham Industrial Center, Hingham**	**Mass**
ARRA CORP., Adv Pg 498	**27 Bond St. Westbury**	**NY**
AUTOMATIC METAL PRODUCTS CORP., Adv Pg 550	**315 Berry St. Brooklyn 11**	**NY**
Aviel Electronics, Inc.	1755 Berkeley St. Santa Monica	Cal
Bart Labs & Design Inc.	125 Manchester Pl, Newark 4	NJ
Benco Television Associates, Ltd.	27 Taber Rd. Rexdale, Ont	Can
Bendix Corp. York Div	York	Pa
Bogart Mfg Corp.	315 Seigel St. Brooklyn 6	NY
BUDD STANLEY CO. INC., Adv Pg 313	**175 Eileen Way, Syosset**	**NY**
Curl Waveguide Corp.	301 W Hoffman Ave. Lindenhurst	NY
DeMORNAY-BONARDI CORP., Adv. Pgs. 178, 179	**780 S Arroyo Pkwy. Pasadena**	**Cal**
Diamond Antenna & Microwave Corp.	River St, Winchester	Mass
Don-Lan Electronics Inc.	1131 Olympic Blvd. Santa Monica	Cal
DOUGLAS MICROWAVE CO. INC., Adv Pg 235	**252 E 3rd St. Mt Vernon**	**NY**
Electralab Corp.	11244 Playa St. Culver City	Cal
FXR INC., Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Frequency Standards, Div., Harvard Industries, Inc.	P.O. Box 504, Asbury Park	NJ
Gilfillan Bros., Inc.	1815 Venice Blvd, Los Angeles 6	Cal
Goodyear Aircraft Corp.	1210 Massillon Rd, Akron 15	Ohio
GRAPHITE METALLIZING CORP., Adv Pg 273	**1062 Nepperhan Ave. Yonkers**	**NY**
HALLICRAFTERS CO., Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
JONES ELECTRONICS CO INC, M C, SUB BENDIX CORP Adv Pg 131	**185 N Main St. Bristol**	**Conn**
Kearfott Div. Gen. Precision Inc. Microwave Prods.	14844 Oxnard St. Van Nuys	Cal
LIECO INC., Adv Pg 398	**150 Eileen Way, Syosset**	**NY**
M.C.S. Corp.	1801 S Mountain Ave. Monrovia	Cal
Maxson Electronics Corp.	475 10th Ave. New York 18	NY
Meridian Metalcraft, Inc.	8739 S. Millergrove Dr, Whittier	Cal
MICROLAB, Adv Pg 356	**570 W Mt. Pleasant Ave. Livingston**	**NJ**
Microphase Corp.	River Rd. Cos Cob	Conn
Microtech, Inc.	Hilldale Rd. Cheshire	Conn
Microwave Associates, Inc.	Burlington	Mass
Microwave Components, Inc.	Doylestown	Pa
MICROWAVE CORP. OF AMERICA, Adv Pg 462	**Box 278, Stamford**	**Conn**
Microwave Development Labs. Inc.	15 Strathmore Rd. Natick	Mass
Microwave Dynamics Corp.	5 Fairchild Ct. Plainview	NY
MODEL ENG. & MFG. CORP., Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
N. R. K. Microwave Div. Cook Electric Co.	4601 W Addison St. Chicago 41	Ill
OMEGA LABORATORIES INC., Adv Pg 226	**Box 309, Rowley**	**Mass**
PRD ELECTRONICS INC., Adv. Pgs. 113-116	**202 Tillary St. Brooklyn 1**	**NY**
PORTCHESTER INSTRUMENT CORP., Adv Pg 468	**114 Wilkins Ave. Port Chester**	**NY**
R.L.C. Electronics, Inc.	105 Mamaroneck Ave. Mamaroneck	NY
R S ELECTRONICS CORP., Adv Pg 305	**Box 11368, Sta A, Palo Alto**	**Cal**
RADAR DESIGN CORP Adv Pg 471	**Pickard Dr. Syracuse 11**	**NY**
Rantec Corp.	23999 Ventura Blvd. Calabasas	Cal
Sage Laboratories, Inc.	3 Huron Dr, Natick	Mass
Schutte Microwave Corp.	80 E Montauk Hwy. Lindenhurst	NY
Sigma Electronics Research Corp.	15735 Ambaum Blvd. Seattle 6	Wash
Specialty Electronics Development Corp.	Eileen Way, Syosset	NY
Sperry Microwave Electronics Co.	Box 1828, Clearwater	Fla
TECHNICAL APPLIANCE CORP., Adv Pg 523	**P.O. Box 38, Sherburne**	**NY**
Turbo Machine Co.	840 N Main St. Lansdale	Pa
United Shoe Machinery Corp.	140 Federal St. Boston	Mass
Varian Associates	611 Hansen Way, Palo Alto	Cal
Victor R.F. & Microwave Co.	39 N Water St. Wakefield	Mass
Washington Aluminum Co. Inc.	Pa RR & Knecht Ave. Baltimore 29	Md
Waveline, Inc.	P.O. Box 718, Caldwell	NJ
Wiley Electronics, Div., Savage Industries	2045 W. Cheryl Dr, Phoenix	Ariz

COUPLINGS –*SHAFT*

1. FLEXIBLE 2. RIGID 3. UNIVERSAL JOINT

Accurate Electronics Corp., 2	Box 935G, Elyria	Ohio
Actuator Products, Div. of Geartronics, 1	34 Nashua St. Woburn	Mass
Aircraft Radio Corp., 1	Boonton	NJ
Amatom Electronic Hardware Co., Inc., 1-2	38 Drake Ave, New Rochelle	NY
American Quartz Labs, Inc., 2	Geneseo	NY
Bart Labs & Design Inc., 1-2-3	125 Manchester Pl, Newark 4	NJ
Beltec Corp., 1-3	Municipal Airport, Daytona Beach	Fla
BIRNBACH RADIO CO. INC., 2, Adv Pg 529	**145 Hudson St. New York 13**	**NY**
Boston Gear Works, 1-3	99 Hayward St. Quincy 71	Mass
Consolidated Controls Corp., 1	6 Durant Ave. Bethel	Conn
Curtis Universal Joint Co., 3	19 Birnie Ave, Springfield	Mass
DeMORNAY-BONARDI CORP., 2, Adv. Pgs. 178, 179	**780 S Arroyo Pkwy. Pasadena**	**Cal**
Dial Products Co., 1	19 Cottage St, Bayonne	NJ
Diamond Chain Co., Inc., 1	402 Kentucky Ave, Indianapolis 7	Ind
FAE INSTRUMENT CORP., 1, Adv Pg 428	**Norden La. Huntington Station**	**NY**
FALCON DIV. GEN THERMODYNAMICS CORP., 1-3, Adv Pg 502	**207 Concord Tpke. Cambridge**	**Mass**
Formsprag Co., 1	23601 Hoover Rd, Warren	Mich
Fourdee, Inc., 1-3	704 N. Fairbanks Ave, Winter Park	Fla
GAP INSTRUMENT CORP., 1, Adv Pg 484	**5 Main St. Newtown**	**Conn**
Gemex Corp. Industrial Div., 2-3	1200 Commerce Ave. Union	NJ
General Components Co., 1	25-129 E 144th St. New York 51	NY
Jackson Bros (London) Ltd., 1-2-3	258 Broadway, New York 7	NY
Jet Hardware Mfg Co. Inc., 1-2-3	38-01 Queens Blvd. Long Island City 1	NY
Johnson Co., E.F., 1-2	Waseca	Minn
Keystone Electronics Corp., 2	49 Bleecker St. New York 12	NY
Kinemotive Corp., 1	P.O. Box 398, Huntington Sta	NY
Koppers Co. Inc., 1-2	Koppers Bldg, Pittsburgh 19	Pa
Kupfrian Mfg. Corp., 1-3	397 State St, Binghamton	NY
Lord Mfg. Co., 1	1635 W. 12th St. Erie	Pa
Metron Instrument Co., 1	432 Lincoln St. Denver 3	Colo
Milton Mfg. Co., James, 1-2-3	150 Exchange St, Malden	Mass
NATIONAL RADIO CO., 1-2, Adv Pg 499	**37 Washington St. Melrose 76**	**Mass**
Nautical Engineering, 1	19 Madison Ave, Beverly	Mass
OPW-Jordan, Div Dover Corp., 2	6013 Wiehe Rd. Cincinnati 13	Ohio
OAK MFG CO., 1, Adv Pg 283	**Crystal Lake**	**Ill**
P I C Design Corp. Sub. Benrus Watch Co., 1-2-3	477 Atlantic Ave. E Rockaway	NY
REMBRANDT, INC., 1 Adv Pg 435	**6 Parmelee St, Boston 18**	**Mass**
Santa Fe Instruments Inc., 1	2342 Jerome Ave. New York 68	NY
Schutte Microwave Corp., 2	80 E Montauk Hwy. Lindenhurst	NY
Smith, Inc. Herman H., 1-2	2326 Nostrand Ave. Brooklyn 10	NY
Sterling Instrument Div., 1	17 Mamaroneck Ave. Port Washington	NY
Stewart Corp., F. W., 1	4311-13 N Ravenswood Ave. Chicago 13	Ill
Telfot Electronics Inc., 1	2705 Belle-Oaks East N, Woodside 77	NY
TECHNOLOGY INSTRUMENT CORP., 1, Adv Pgs 83, 86	**533 Main St. Acton**	**Mass**
TECHNOLOGY INSTRUMENT CORP. OF ACTON, 1, Adv Pgs 84, 85	**536 Main St. Acton**	**Mass**
White Dental Mfg. Co., S.S., 1	10 E. 40 St, New York 16	NY
Wiggins Oil Tool Co., Inc., E.B., 1-2	3424 E. Olympic Blvd. Los Angeles 23	Cal
Zeron Inc., 2	612 N Monroe St. Chicago 6	Ill

CRAYONS – *TEMPERATURE INDICATING*

CURTISS-WRIGHT CORP. PRINCETON DIV., Adv Pgs 382, 426, 494	**Princeton**	**NJ**
Tempil Corp.	132 W 22nd St. New York 11	NY

CROSSOVER NETWORKS See NETWORKS

CRUCIBLES –*SEMICONDUCTOR* See BOATS

CRYOSTATS –*LIQUID GAS*

Minn-Honeywell, Military Prods Gr.	2600 Ridgway Rd. Minneapolis 13	Minn

CRYSTAL ANALYSIS EQUIPMENT

Electronic Service Co.	201 Linden Ave. Verona	NJ
Radio Frequency Labs., Inc.	Boonton 2	NJ

CRYSTAL BLANKS –*UNMOUNTED (FOR TRANSDUCERS & FREQUENCY CONTROL)*

1. ADP 2. BARIUM TITANATE 3. QUARTZ 4. ROCHELLE SALT 5. TOURMALINE

Acoustica Associates, Inc., 2	10400 Aviation Blvd. Los Angeles 45	Cal
ANDERSON ELECTRONICS INC., 3, Adv Pg 522	**1012 Chestnut Ave. Altoona**	**Pa**
BLILEY ELECTRIC CO., 3, Adv. Pgs. 198, 199	**200 Union Station Bldg, Erie**	**Pa**
Bomac Laboratories, 3-4	1520 Evergreen Rd. Williamsport	Pa
BULOVA WATCH CO. INC. ELECTRONICS DIV., 3, Adv Pg 427	**61-10 Woodside Ave. Woodside 77**	**NY**
Channel Industries, Inc., 2	477 Olive St. Santa Barbara	Cal
CLARK CRYSTAL CO., 3, Adv Pg 372	**Farm Rd. Marlboro**	**Mass**
Crystal Research Inc., 5	42 Concord Ln. Cambridge	Mass
Edo Corp., 1-2	College Point 56	NY
Eidson Electronic Co., 3	1902 N 3rd St. Temple	Tex
Electro-Ceramics, Inc., 1-2	2645 S 2nd W. Salt Lake City 15	Utah
General Electric Co. Heavy Military Electronics Dept., 1	Court St. Syracuse	NY
Gulton Industries, Inc., 3	212 Durham Ave. Metuchen	NJ
HILL ELECTRONICS INC., 3, Adv Pg 304	**300 N Chestnut St. Mechanicsburg**	**Pa**
Hoffman Co., P. R., 3	Carlisle	Pa
Ismet Corp., 1	431 Commercial Ave. Palisades Park	NJ
Lewis Co., Inc., E.B., 3	11 Brace St, East Hartford 8	Conn
McCOY ELECTRONICS CO., 3, Adv Pg 135	**Mt. Holly Springs**	**Pa**
Minn-Honeywell, Ceramics Lab., 2	Box 440, Minneapolis 40	Minn
Minn-Honeywell, Military Prods Gr., 2	2600 Ridgway Rd. Minneapolis 13	Minn
NORTHERN ENGINEERING LABS., INC., 3, Adv Pg 524	**372 Wilmot Ave. Burlington**	**Wisc**
Precision Crystal Laboratory, 3	2223 Warwick Ave, Santa Monica	Cal
Premier Research Laboratories, Inc., 3-5	83 Seventh Ave, New York 11	NY
REEVES HOFFMAN DIV. DYNAMICS CORP OF AMER., 3 Adv Pg 507	**145 Cherry St. Carlisle**	**Pa**
Republic Lens Co. Inc., 3	31 E 18th St. New York 17	NY
Savoy Electronics Inc., 3	1414 NE 17 Ct. Box 7127, Ft Lauderdale	Fla
SEMI-ELEMENTS INC., 2-3-5, Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
SHEROLD CRYSTALS INC., 3, Adv Pgs 437, 438	**1510 McGee St. Kansas City**	**Mo**
Solar Mfg. Corp., 2	4553 Seville Ave, Los Angeles 58	Cal
Texas Crystals Div. Westronix Corp., 3	1000 Crystal Dr. Fort Myers	Fla
Transonic Inc., 2	808 30th St. Bakersfield	Cal
Valpey Crystal Corp., 3-5	1244 Highland St, Holliston	Mass
Var-Lac-Oid Chemical Co., 2-5	116 Broad St. New York 4	NY
Wright Electronics, 3	2237 Grand, Kansas City	Mo

CRYSTAL CALIBRATORS See CALIBRATORS –*CRYSTAL*

CRYSTAL CARTRIDGES See PICKUPS –*PHONOGRAPH*

CRYSTAL-CUTTING MACHINES See MACHINES –*CRYSTAL-CUTTING*

CRYSTAL DIODES See DIODES –*CRYSTAL*

CRYSTAL-DIODE TESTERS See TESTERS –*CRYSTAL-DIODE*

CRYSTAL FILTERS See FILTERS

CRYSTAL-GROWING MACHINES See MACHINES –*CRYSTAL-GROWING*

CRYSTAL HOLDERS *(Incl. DIODE)* See HOLDERS

CRYSTAL-MANUFACTURING MACHINES See MACHINES

CRYSTAL MIXERS See DIODES –*CRYSTAL*

CRYSTAL MOUNTS –*MICROWAVE* See MOUNTS –*CRYSTAL*

CRYSTAL OSCILLATORS See OSCILLATORS – R-F

CRYSTAL OVENS See OVENS –*CRYSTAL*

CRYSTAL PICKUPS See PICKUPS –*PHONOGRAPH*

CRYSTAL SOCKETS See SOCKETS

CRYSTALS –*GARNET YTTRIUM-IRON*

Airtron, Div of Litton Industries	200 E Hanover Ave. Morris Plains	NJ
Geoscience Instrument, Inc.	142 Weaver Lane, New York 38	NY
A.D. Mackay, Inc.	198 Broadway, New York 38	NY
MICROWAVE CHEMICALS LAB. INC., Adv Pg 555	**282 7th Ave. New York 1**	**NY**
MICROWAVE CORP. OF AMERICA, Adv Pg 462	**Box 278, Stamford**	**Conn**
SEMI-ELEMENTS, INC., Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
SOLID STATE MATERIALS CORP Adv Pg 500	**5 Erie Dr. East Natick**	**Mass**
Var-Lac-Oid Chemical Co.	116 Broad St. New York 4	NY

CRYSTALS –*OPTICAL*

Geoscience Instrument, Inc.	142 Weaver Lane, New York 38	NY
HARSHAW CHEMICAL CO., Adv Pg 508	**1954 E 97th St. Cleveland 6**	**Ohio**
Isomet Corp.	431 Commercial Ave. Palisades Park	NJ
A.D. Mackay, Inc.	198 Broadway, New York 38	NY
MICROWAVE CHEMICALS LAB. INC., Adv Pg 555	**282 7th Ave. New York 1**	**NY**
Norton Co.	1 New Bond St. Worcester 6	Mass
Republic Lens Co. Inc.	31 E 18th St. New York 17	NY
SEMI-ELEMENTS, INC., Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
Tang Industries Inc.	410 Main St. Waltham 54	Mass
U. S. Precision Lens & Plastics, Inc.	626 Broadway, Cincinnati 2	Ohio
Valpey Crystal Corp.	1244 Highland St, Holliston	Mass
Whitehall Electronics Corp.	1645 Hennepin Ave. Mnpls 3	Minn

CRYSTALS –*PIEZOELECTRIC RAW*

1. ADP & KDP 2. BARIUM TITANATE 3. QUARTZ 4. ROCHELLE SALT 5. TOURMALINE

Acoustica Associates, Inc., 2	10400 Aviation Blvd. Los Angeles 45	Cal
ANDERSON ELECTRONICS INC., 3, Adv Pg 522	**1012 Chestnut Ave. Altoona**	**Pa**
Baird-Atomic Inc., 3	33 University Rd. Cambridge 38	Mass
Bausch & Lomb Inc., 3	61142 Bausch St. Rochester 2	NY
Bomac Laboratories, 3	1520 Evergreen Rd. Williamsport	Pa
BULOVA WATCH CO. INC. ELECTRONICS DIV., 3, Adv Pg 427	**61-10 Woodside Ave. Woodside 77**	**NY**
Channel Industries, Inc., 2	477 Olive St. Santa Barbara	Cal
CLARK CRYSTAL CO., 3, Adv Pg 372	**Farm Rd. Marlboro**	**Mass**
CLEVITE ELECTRONIC COMPONENTS DIV. CLEVITE CORP., 2-4, Adv Pg 142	**3405 Perkins Ave. Cleveland 14**	**Ohio**
CLOSE ASSOCIATES, INC., 3, Adv Pg 551	**233 Broadway, New York 7**	**NY**
Crystal Research Inc., 5	42 Concord Ln. Cambridge	Mass
Delta Chemical Works, 2	23 W 60th St. New York	NY
Diamond Drill Carbon Co., 3	244 Madison Ave. New York 16	NY
Electro-Ceramics, Inc., 1-2	2645 S 2nd W. Salt Lake City 15	Utah
ERIE RESISTOR CORP., 2, Adv Pgs 280, 281	**644 W 12th St. Erie 6**	**Pa**
General Electric Co., Heavy Military Electronics Dept., 2	Court St, Syracuse	NY
HARSHAW CHEMICAL CO., 2, Adv Pg 508	**1945 E 97th St. Cleveland 6**	**Ohio**
HILL ELECTRONICS INC., 3, Adv Pg 304	**300 N Chestnut St. Mechanicsburg**	**Pa**
Hoffman Co., P. R., 3	Carlisle	Pa
HUNT CORP., 3, Adv Pg 496	**453 Lincoln St. Carlisle**	**Pa**
Isomet Corp., 1	431 Commercial Ave. Palisades Park	NJ
JAPAN PIEZO ELECTRIC CO. LTD., 4, Adv Pg 258	**881 Kami-renjaku, Mitaka, Tokyo**	**Jap**
Lesa Costr Elettromeccaniche SpA., 4	21 Via Bergamo, Milano	Italy
A.D. Mackay, Inc., 2-3	198 Broadway, New York 38	NY
Midland Mfg. Co., 3	3155 Fiberglas Rd. Kansas City 15	Kan
Minn-Honeywell, Ceramics Lab., 2	Box 440, Minneapolis 40	Minn

Minn-Honeywell, Military Prods Gr., 2	2600 Ridgway Rd. Minneapolis 13	Minn
Monitor Products Co., 3	815 Fremont Ave. South Pasadena	Cal
Piezo Crystal Co., 3-5	265 E Pomfret St. Carlisle	Pa
Republic Lens Co. Inc., 3	31 E 169th St. New York 52	NY
SEMI-ELEMENTS, INC., 2-3-5, Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
SHEROLD CRYSTALS INC., 3, Adv Pgs 437, 438	**1510 McGee St. Kansas City**	**Mo**
Solar Mfg. Corp., 2	4553 Seville Ave, Los Angeles 58	Cal
Sprague Electric Co., 2	125 Marshall St, North Adams	Mass
Texas Crystals Div. Westronix Corp., 3	1000 Crystal Dr. Fort Myers	Fla
Transitron Inc., 2	808 18th St. Bakersfield	Cal
Var-Lac-Oid Chemical Co., 2-5	116 Broad St, New York 4	NY
Wright Electronics, 3	2537 Grand, Kansas City	Mo

CRYSTALS -*SAPPHIRE* See SAPPHIRE

CRYSTALS -*SCINTILLATION* See Also SCINTILLATORS

Atomic Accessories Inc	811 W. Merrick Rd, Valley Stream	NY
Baird-Atomic Inc	33 University Rd. Cambridge 38	Mass
Delta Chemical Works	21 W 60th St. New York	NY
HARSHAW CHEMICAL CO., Adv Pg 508	**1954 E 97th St. Cleveland 6**	**Ohio**
Isomet Corp	433 Commercial Ave. Palisades Park	NJ
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Nuclear Chicago Corporation	333 E. Howard St, Des Plaines	Ill
SEMI-ELEMENTS, INC., Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
U. S. Nuclear Corp	801 N. Lake St. Burbank	Cal
Var-Lac-Oid Chemical Co	116 Broad St, New York 4	NY
VICTOREEN INSTRUMENT CO., COMPONENTS DIV Adv Pgs 466, 493	**5806 Hough Ave. Cleveland 3**	**Ohio**

CRYSTALS -*SEMICONDUCTOR, GROWN, UNCUT*

1. GERMANIUM 2. INTERMETALLIC 3. SILICON 4. SILICON CARBIDE

Allegheny Electronic Chemicals Co., 1-3	207 Hooker-Fulton Bldg. Bradford	Pa
Allied Chemical Corp. Baker & Adamson Prods.-Gen. Chem. Div., 1	40 Rector St. New York	NY
Block Associates, Inc	385 Putnam Ave. Cambridge 39	Mass
Brand Metallurgical Chemical Co., 1-3-4	820 65 Ave, Philadelphia 26	Pa
CARBORUNDUM CO. REFRACTORIES DIV., 4, Adv Pgs 104, 105	**Perth Amboy**	**NJ**
Crys-Tech Inc., 2	1534 E Chestnut St, Santa Ana	Cal
CUSTOM COMPONENTS INC., 1-3, Adv Pg 396	**Box 248, Caldwell**	**NJ**
Delta Chemical Works, 1-2-3-4	21 W 60th St. New York	NY
Dow Corning Corp., 3	Midland	Mich
Eagle-Picher Co., 1	Dept. EGB, Cincinnati 1	Ohio
Engineering Science Div Amer Metal Pdts Co., 4	2501 S State St. Ann Arbor	Mich
Federated Electronics Inc., 1-3	134-77 Jamaica Ave. Jamaica 18	NY
Geoscience Instrument, Inc., 1-3	142 Maiden Lane, New York 38	NY
HARSHAW CHEMICAL CO., 2, Adv Pg 508	**1945 E 97th St. Cleveland 6**	**Ohio**
A.D. Mackay, Inc., 1-2-3-4	198 Broadway, New York 38	NY
Mallinckrodt Chemical Works	2nd & Mallinckrodt Sts. St Louis 7	Mo
Martin Co., 1	Mail No. G3037, Baltimore 3	Md
Materials for Electronics Inc., 3	152-25 10th Ave. Jamaica 34	NY
Mallory Semiconductor Co., 3	Du Quoin	Ill
Micro State Electronics Corp., 2	Box 303, Murray Hill	NJ
Monsanto Chemical Co. Electronic Chem. Proj., 2, 3	800 N Lindbergh Blvd. St Louis 66	Mo
Monsanto Chemical Co. Plastics Div., 2-3	812 Monsanto Ave. Springfield	Mass
Norton Co., 4	1 New Bond St. Worcester 6	Mass
OHIO SEMICONDUCTORS, 2, Adv Pg 87	**1205 Chesapeake Ave. Columbus 12**	**Ohio**
Penn Rare Metals, Inc., 1-2	P.O. Box 1A, Revere	Pa
PHILCO CORP. LANSDALE DIV., 1-3, Adv Pg 88, 89	**501 Church Rd. Lansdale**	**Pa**
SEMI-ELEMENTS, INC., 1-2-3-4, Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
Semimetals Inc., 1-3	172 Spruce St. Westbury	NY
SERVO CORP OF AMERICA, 1-3, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
SOLID STATE MATERIALS CORP., 1-2-3, Adv Pg 500	**5 Erie Dr. East Natick**	**Mass**
Sylvania Electric Prods., Inc., Chem & Metallurgical Div., 1-3	Towanda	Pa
Tang Industries Inc., 1-2-3-4	400 Main St. Waltham 54	Mass
TECHNICAL APPARATUS BUILDERS, 1, Adv Pg 529	**109 Liberty St. New York 6**	**NY**
Trancoa Chemical Corp., 3	312-326 Ash St, Reading	Mass
United Mineral & Chemical Corp., 1-2	16 Hudson St. New York 13	NY
Var-Lac-Oid Chemical Co., 1-3-4	116 Broad St, New York 4	NY

CRYSTAL TRANSDUCERS See ULTRASONIC EQUIPMENT

CRYSTAL UNITS -*QUARTZ*

1. FILTER
2. FREQUENCY CONTROL COLOR TV
3. FREQUENCY CONTROL, TRANSMITTER
4. RECEIVER, OSCILLATOR

ANDERSON ELECTRONICS INC., 1-2-3-4, Adv Pg 522	**1012 Chestnut Ave. Altoona**	**Pa**
Barker & Williamson Inc., 3	Canal & Beaver Sts. Bristol	Pa
BLILEY ELECTRIC CO., 1-2-3-4, Adv Pgs 198, 199	**200 Union Station Bldg. Erie**	**Pa**
Breon Laboratories, 2-3-4	1520 Evergreen Rd. Williamsport	Pa
BULOVA WATCH CO. INC. ELECTRONICS DIV., 1-3-4, Adv Pg 427	**61-10 Woodside Ave. Woodside 77**	**NY**
C-W Mfg. Co., 1-2-3-4	Box 2065, El Monte	Cal
CLARK CRYSTAL CO., 1-3-4, Adv Pg 372	**Farm Rd. Marlboro**	**Mass**
Croven, Ltd., 1-2-3-4	500 Beech St, Whitby, Ontario, Canada	
Eidson Electronic Co., 2-3-4	1902 N Third St. Temple	Tex
Fork Standards Inc., 3	1915 N Harlem Ave. Chicago 35	Ill
FRONTIER ELECTRONICS CO., 3-4, Adv Pg 193	**4606 Memphis Ave. Cleveland 9**	**Ohio**
FUJI TSUSHINKI SEIZO K.K., 1-2-3, Adv Pg 259	**2, 3-Chome, Marunouchi Chiyoda-ku Tokyo**	**Jap**
General Crystal Co., Inc., 1-2-3-4	P. O. Box 9, Burlington	Wisc
Greenray Industries, Electronics's Div., 3	Mechanicsburg	Pa
Heath Electronic Labs., 1-3-4	156 Sargeant Ave. Clifton	NJ
HILL ELECTRONICS INC., 1, Adv Pg 304	**300 N Chestnut St. Mechanicsburg**	**Pa**
Hughes Industrial Systems Div., 1	Bldg 116, Mail Sta 25, Int Airport Sta. Los Angeles 45	Cal
HUNT CORP., THE, 1-2-3-4, Adv Pg 494	**453 Lincoln St. Carlisle**	**Pa**
International Crystal Mfg. Co., Inc., 3-4	18 N. Lee, Oklahoma City	Okla
Intl. Tel. & Tel. Corp. Ind. Prods. Div., 3	15191 Bledsoe St. San Fernando	Cal
ITEK ELECTRO PRODUCTS CO., 1-3-4, Adv Pg 140	**75 Cambridge Pkwy. Cambridge**	**Mass**
Keystone Electronics Co., 1-3	65 7th Ave. Newark	NJ
KNIGHTS CO., JAMES, 1-2-3-4, Adv Pg 82	**Sandwich**	**Ill**
Lewis Co., Inc., E.B., 1-2-3-4	11 Bragg St, East Hartford 8	Conn
MCCOY ELECTRONICS CO., 1-2-3-4, Adv Pg 135	**Mt. Holly Springs**	**Pa**
Marconi's Wireless Telegraph Co., Ltd., 1-2-3-4	750 Third Ave, New York 17	NY
Microphase Corp., 4	River Rd. Cos Cob	Conn
Midland Mfg Co., 1-2-4	3155 Fiberglas Rd. Kansas City 16	Kan
Monitor Products Co., 1-2-3-4	815 Fremont Ave, South Pasadena	Cal
Mullard Equipment, Ltd., 1	Torrington Pl, London W.C. 1, England	
Nebel Laboratory, R. E., 2-3-4	1634 E. 12 St. Brooklyn 29	NY
NORTHERN ENGINEERING LABS., INC., 1-2-3-4, Adv Pg 524	**372 Wilmot Ave. Burlington**	**Wis**
ORTHO FILTER CORP., 1, Adv Pg 286	**7 Peterson St. Paterson 1**	**NJ**
Palmer Instruments, 1-3-4	1017 Mission St, South Pasadena	Cal
Pearce Simpson, Inc., 3-4	2295 N.W. 14th St, Miami 35	Fla
Petersen Radio Co. Inc., 3-4	2800 W Broadway, Council Bluffs	Iowa
Piezo Crystal Co., 1-2-3-4	265 E. Pomfret St. Carlisle	Pa
Precision Crystal Laboratory, 1-3-4	2221 Warwick Ave, Santa Monica	Cal
Premier Research Laboratories, Inc., 1-2-3-4	83 Seventh Ave, New York 11	NY
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., 4, Adv Pg 37	**411 Providence Tnpk. Westwood**	**Mass**
REEVES HOFFMAN DIV. DYNAMICS CORP OF AMER., 1-2-3-4, Adv Pg 507	**145 Cherry St. Carlisle**	**Pa**
Republic Lens Co. Inc., 1	31 E 169th St. New York 52	NY
Savoy Electronics Inc., 3-4	1314 NE 17 Ct. Box 7127, Ft Lauderdale	Fla
Scientific Radio Products, Inc., 1-2-3-4	2303 W. 8th St, Loveland	Colo
Scientific Radio Service, 3-4	4301 Sheridan St, University Park	Md
SHEROLD CRYSTALS INC., 1-2-3-4, Adv Pgs 437, 438	**1510 McGee St. Kansas City**	**Mo**
Standard Tel. & Cables Ltd., 1-3-4	29 Glasshouse Yard, London	Eng
Texas Crystals Div. Westronix Corp., 1-2-3-4	1000 Crystal Dr. Fort Myers	Fla
Valpey Crystal Corp., 1-2-3-4	1244 Highland St, Holliston	Mass
Wayne Kerr Corp., 3	1633 Race St. Philadelphia 3	Pa
Wells Electronics Co., 1	1701 S Main St. South Bend 23	Ind
Wright Electronics, Inc., 1-2-3-4	2537 Grand, Kansas City 8	Mo

CRYSTAL UNITS -*TOURMALINE, FREQUENCY CONTROL*

Piezo Crystal Co	265 E Pomfret St. Carlisle	Pa
Premier Research Laboratories, Inc	83 Seventh Ave, New York 11	NY
Standard Tel. & Cables Ltd	29 Glasshouse Yard, London	Eng
Valpey Crystal Corp	1244 Highland St, Holliston	Mass

C-TYPE LAMINATED CORES See CORES -*LAMINATED*
CUP CORES -See CORES -*MOLDED MAGNETIC*
CUPS -*ENCAPSULATION* See FORMS: SHELLS
CURRENT-LIMITING TRANSFORMERS See TRANSFORMERS -*IRON-CORE. POWER*
CURRENT REGULATORS See REGULATORS -*CURRENT*
CUSHIONING See PACKAGING MATERIALS
CUTOFF CONTROLS -*PAPER* See CONTROLS -*PHOTOELECTRIC. REGISTER*
CUTTERS See MACHINES: TOOLS: ULTRASONIC EQUIPMENT
CUTTING NEEDLES See NEEDLES -*CUTTING*

CYLINDERS -*AIR*

Bailey Meter Co	1050 Ivanhoe Rd, Cleveland 10	Ohio
H-P-M Div. Koehring Co	Marion Rd. Mt Gilead	Ohio
Hagan Chemicals & Controls Inc	Hagan Center, Pittsburgh 30	Pa
Kidde Ind. & Marine Div. Walter Kidde & Co. Inc.	477 Main St. Belleville 9	NJ
Rotex Punch Co	2350 Alvarado St, San Leandro	Cal

DASHPOTS

Electric Regulator Corp	Pearl St. Norwalk	Conn
Kennedy & Co., D. S.	Cohasset	Mass
Mead Specialties Co	4111 N. Knox, Chicago 41	Ill

DATA PROCESSING SERVICES

Airtronics, Inc	5622 Dorsey Ln, Washington 16	DC
Alwac Computer Div., El-Tronics, Inc	13040 S. Cerise, Hawthorne	Cal
APPLIED ELECTRONICS CORP. OF NJ, Adv Pg 518	**22 Center St. Metuchen**	**NJ**
Arnoux Corp	11924 W. Washington Blvd, L.A. 66	Cal
B & F Instruments, Inc	3644 N. Lawrence St, Philadelphia 40	Pa
Beckman Instruments, Inc. Systems Div	2400 Harbor Blvd. Fullerton	Cal
Benson-Lehner Corp	1860 Franklin, Santa Monica	Cal
C.E.I.R., Inc	1200 Jefferson Davis Hwy, Arlington 2	Va
Clary Corp	408 Junipero St. San Gabriel	Cal
Consolidated Avionics Corp	800 Shames Dr, Westbury	NY
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
Di/An Controls, Inc	944 Dorchester Ave. Boston	Mass
El-Tronics Inc	20 S. 15th St, Philadelphia 2	Pa
FF&M Electronics Inc	12820 Panama, Los Angeles 66	Cal
General Electric Co., Computer Dept	Phoenix	Ariz
IBM Federal Systems Div	1120 Conn. Ave. Washington 6	DC
Librascope Div., General Precision, Inc	808 Western Ave, Glendale 1	Cal
McIntyre Associates	3449B Oceanview Blvd, Glendale	Cal
Martin Co	Mail No. G3037, Baltimore 3	Md
Minn-Honeywell, Electronic Data Processing Div	60 Walnut St. Wellesley Hills 81	Mass
Nelson Instrument Co	Box 68, Spring Valley	Ill
Optimized Devices, Inc	864 Franklin Ave. Thornwood	NY
Philco Corp., Gov't & Ind'l Div	4700 Wissahickon Ave, Philadelphia 44	Pa
Raytheon Co. Commun & Data Process Oper	145 Boston-Pvdnce Tnpk. Norwood	Mass
Raytheon Co. Govt Mktg	Lexington 73	Mass
Remington Rand Univac Div. Sperry Rand Corp	315 Park Ave. S, New York 10	NY
Tally Register Corp	1310 Mercer St. Seattle 9	Wash
Taylor Instrument Cos	95 Ames St. Rochester	NY
Telecomputing Corp	915 N. Citrus Ave, Hollywood	Cal
Teleregister Corp	445 Fairfield Ave. Stamford	Conn
TREPAC CORP. OF AMERICA., Adv Pgs 415, 426	**30 W Hamilton Ave. Englewood**	**NJ**
Westinghouse-Instrument Dept	Newark	NJ

DATA-RECORDING CAMERAS See CAMERAS -*PHOTOGRAPHIC*
DATA-RECORDING EQUIPMENT See RECORDERS *(VARIOUS TYPES)*
DATA REPEATERS See REPEATERS -*DATA*
DATA-RETRIEVAL & DATA-REDUCTION EQUIPMENT See SPECIFIC ITEMS *(SUMMARIZED UNDER COMPUTER PARTS & ACCESSORIES)*
DATA-STORAGE TUBES See TUBES -*CATHODE-RAY*
DATA-TRANSMISSION SYSTEMS See COMMUNICATION SYSTEMS
DB METERS See METERS-DB
D-C AMPLIFIERS See AMPLIFIERS - D-C
D-C CABLES See CABLES -*SHIELDED*: CABLES -*UNSHIELDED*: CORDS -*LINE*
D-C GENERATORS See GENERATORS -*POWER*
D-C MOTOR SPEED CONTROLS See CONTROLS -*MOTOR SPEED*
D-C POWER SUPPLIES See POWER SUPPLIES - D-C OUTPUT
D-C TO A-C CONVERTERS See CHOPPERS: INVERTERS: MODULATORS
D-C TO D-C CONVERTERS See CONVERTERS -*POWER*
DECADE AMPLIFIERS See AMPLIFIERS -*INSTRUMENTATION*
DECADE BOXES See BOXES -*DECADE*
DECADE SCALERS See COUNTERS -*ELECTRONIC*
DECADE VOLTAGE SOURCES See VOLTAGE SOURCES -*DECADE*

DECALCOMANIAS

C & H Supply Co	415 E Beach Ave. Inglewood 1	Cal
Colorado Research Corp	Broomfield	Colo
Decimeter Products Co	Star Rt, P.O. Box 67, Littleton	Colo
Duralith Corp	1025 Race St, Philadelphia 7	Pa
ECM Corp	8165 Orion Ave, Van Nuys	Cal
Meyercord Co	5323 W. Lake St, Chicago 44	Ill
New England Etching Co., Inc	25 Spring St, Holyoke	Mass
STAFFORD MFG. CO. INC., Adv Pg 124	**145 58th St. Brooklyn 20**	**NY**
Tadco Mfg Inc	Box 741, Gloucester	Mass
Toplight Corp	160 E. Ninth Ave, York	Pa

DECIBEL METERS See METERS - DB

DECODERS

1. BINARY TO DECIMAL 2. DIGITAL TO ANALOG

Abacus, Inc., 1-2	3140 Overland Ave, Los Angeles 34	Cal
Adcon Div. Wayne-George Corp., 1	588 Commonwealth Ave. Boston 15	Mass
Admiral Corp., 1	3800 W Cortland St. Chicago 47	Ill
Airtronics, Inc., 2	5522 Dorsey Ln, Washington 16	DC
APPLIED ELECTRONICS CORP. OF NJ, 1-2, Adv Pg 518	**22 Center St. Metuchen**	**NJ**
Astrosystems Inc., 2	220 E 23rd St. New York 10	NY
Avco Corp., Crosley Div., 2	1329 Arlington St, Cincinnati 25	Ohio
Bell Aerospace Corp., 1-2	Box 1, Buffalo 5	NY
Bell & Gossett Co., 1-2	8200 N. Austin Ave, Morton Grove	Ill
Benson-Lehner Corp., 1-2	1860 Franklin, Santa Monica	Cal
Burroughs Corp. Electronic Components Div., 1	Box 1226, Plainfield	NJ
CG Electronics Corp., 1-2	1500 Central E., Albuquerque	NM
Chance Vought Corp. Vought Electronics Div., 1-2	Box 1500, Arlington	Tex
Communications Control Corp., 1-2	14707 Keswick St. Van Nuys	Cal
Computer Control Co. Inc., 1	983 Concord St. Framingham	Mass
Computer Equipment Corp., 1-2	11612 W Olympic Blvd. Los Angeles 64	Cal
Computer Techniques Inc., 1	3300 Northern Blvd. Long Island City 1	NY
Concord Control, Inc., 2	1282 Soldiers Field Rd, Boston 35	Mass
Consolidated Avionics Corp., 1-2	800 Shames Dr, Westbury	NY
Control Equipment Corp., 1-2	19 Kearney Rd, Needham Heights 94	Mass
Data Equipment Co., 1-2	923 E. 3rd St, Los Angeles 13	Cal
Data Systems Dept. Norden Div. United Aircraft Corp., 1-2	3500 Harbor Blvd. Costa Mesa	Cal
Datex Corp., 1	1307 S Myrtle Ave. Monrovia	Cal
Digital Equipment Corp., 2	Maynard	Mass
Dymec, Div., Hewlett-Packard Co., 1	395 Page Mill Rd, Palo Alto	Cal
ECLIPSE PIONEER DIV. BENDIX CORP.; 1-2, Adv Pgs 354, 355	**Teterboro**	**NJ**
ELDORADO ELECTRONICS CO., 1, Adv Pg 308	**2821 - 10th St. Berkeley**	**Cal**
Electro-Logic Corp., 1-2	515 Boccaccio, Venice	Cal
Electronic Controls Inc., 1-2	66 Southfield Ave. Stamford	Conn
Electronic Development Corp., 1	423 W Broadway, Boston 27	Mass
EMPIRE SERVICES, 2, Adv Pg 484	**4D-3, Skaneateles**	**NY**
Epsco Inc. Components Div., 1	275 Massachusetts Ave. Cambridge 39	Mass
ERIE-PACIFIC DIV. ERIE RESISTOR CORP., 1, Adv Pg 206	**12932 S Weber Way, Hawthorne**	**Cal**
Escotronics, 1	7000 S. Vine St. LaGrange	Ill
FF&M Electronics Inc., 1-2	12820 Panama, Los Angeles 66	Cal
Franklin Electronics Inc., 1	E 4th St. Bridgeport	Pa
GENERAL APPLIED SCIENCE LABS. INC., 1-2, Adv Pg 525	**Merrick & Stewart Aves. Westbury**	**NY**
GENERAL DEVICES INC., 1-2, Adv Pg 518	**P.O. Box 253, Princeton**	**NJ**
General Dynamics/Electronics, Info Tech Div., 1	1895 Hancock St. San Diego 12	Cal
Gilfillan Bros. Inc., 1-2	1815 Venice Blvd. Los Angeles 6	Cal
Globe Electronics, Div. Textron Electronics, Inc., 2	22-30 S 34th St. Council Bluffs	Iowa
Guidance Controls Corp., 1	110 Duffy Ave. Hicksville	NY
HALLICRAFTERS CO., 1, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
Hamilton Standard Div. United Aircraft Corp., 2	Broad Brook	Conn
IBM Federal Systems Div., 1-2	1120 Conn. Ave. Washington 6	DC
Industrial Control Co., 1	Central Ave. at Pinelawn, Farmingdale	NY
INDUSTRIAL ELECTRONIC ENGINEERS, INC., 1, Adv. Pgs. 462, 496, 554	**5528 Vineland Ave. North Hollywood**	**Cal**
Intectron Inc., 2	2300 Washington St. Newton Lower Falls	Mass
Itek Labs Div. Itek Corp., 1	10 Maguire Rd. Lexington 73	Mass
KEARFOTT DIV. GEN PRECISION INC., 2, Adv Pg 394	**Little Falls**	**NJ**
Laboratory For Electronics, Inc., 1-2	1079 Commonwealth Ave. Boston 15	Mass
Lear Inc., 2	3171 S Bundy Dr. Santa Monica	Cal
Loral Electronics Corp., 1	825 Bronx River Ave. New York 72	NY
Marquardt Corp. Pomona Div., 1-2	2709 N Garey Ave. Pomona	Cal
Med-Tronics Mfg. Co. Inc., 1	2019 Westchester Ave. New York 62	NY
Microcell Electronics, 1	Blackwater, Nr. Camberley, Surrey	Eng
Milgo Electronic Corp., 1-2	7620 NW 36 Ave. Miami 47	Fla
Minn-Honeywell, Military Prods Gr., 2	2600 Ridgway Rd. Minneapolis 13	Minn
MODEL ENG. & MFG. CORP., 2, Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Molectronics Div. Motec Ind. Inc., 1-2	6344 Arizona Cir. Los Angeles 45	Cal
Moore Associates, Inc., 2	893 American St. San Carlos	Cal
MOSELEY CO., F.L., 2 Adv Pgs 122, 123	**409 N Fair Oaks Ave. Pasadena**	**Cal**
NAVIGATION COMPUTER CORP., 1-2, Adv Pg 511	**Valley Forge Ind Park, Norristown**	**Pa**
Network Designers Inc., 1	38 E 57th St. New York 22	NY
Newton Co., 1	55 Elm St. Manchester	Conn
Ortronix, Inc., 1-2	Forsythe Rd. Dr. 8217, Orlando	Fla
Pacific Automation Products, Inc., 1-2	1200 Air Way, Glendale 1	Cal
Performance Measurements Co., 1	15120 3rd Ave. Detroit 3	Mich
RMS Associates, Inc., 1-2	805 Mamaroneck Ave. Mamaroneck	NY
Radiation at Stanford, 1-2	3180 Hanover St. Palo Alto	Cal
Rescon Electronics Corp., 1-2	151 Bear Hill Rd. Waltham 54	Mass
Servomechanisms/Inc., 1-2	200 N Aviation Blvd. El Segundo	Cal
Servonics, Inc., 1	822 N. Henry St, Alexandria	Va

[illegible] Labs Inc., 1 ... [illegible] Morris Ave, Summit ... NJ
[illegible] Research Corp., 2 ... Box 22, Buffalo 25 ... NY
Stony Brook Labs, 1-2 ... 95 State Rd. Princeton ... NJ
[illegible] Industries, 2 ... 790 Greenfield Dr. El Cajon ... Cal
Telecomputing Corp., 1-2 ... 915 N Citrus Ave. Hollywood ... Cal
Telemetrics, Inc., 1-2 ... 12927 S Budlong, Gardena ... Cal
Union Switch & Signal Div. Westinghouse Air Brake Co., 1 ... Pittsburgh 18 ... Pa
Venner Electronics, Ltd., 1-2 ... Kingston By-Pass, New Malden ... Eng
Vitro Corp of America, 1-2 ... 261 Madison Ave. New York 16 ... NY
Walkirt Co., 1-2 ... 141 W Hazel St. Inglewood 3 ... Cal
[illegible] Laboratories, Inc., 1 ... 12 Huron Dr. Natick ... Mass

DECOMMUTATORS –*TELEMETERING*

Abacus, Inc ... 3040 Overland Ave. Los Angeles ... Cal
American Bosch Arma Corp ... [illegible] Fulton Ave, Hempstead ... NY
APPLIED ELECTRONICS CORP. OF NJ, Adv Pg 518 ... 22 Center St. Metuchen ... NJ
Ascop Div of Electro-Mechanical Research, Inc ... Box 44, Princeton ... NJ
CG Electronics Corp ... [illegible] Central E, Albuquerque ... NM
Chance Vought Corp. Vought Electronics Div ... Box 1500, Arlington ... Tex
Consolidated Avionics Corp ... 800 Shames Dr, Westbury ... NY
Data-Control Systems, Inc. ... E Liberty St. Danbury ... Conn
Data Equipment Co ... [illegible] E. 3rd St, Los Angeles 13 ... Cal
DORSETT ELECTRONICS, INC., Adv Pg 299 ... Box 862, Norman ... Okla
Electro Logic Corp ... 515 Boccaccio Ave. Venice ... Cal
Electro-Mechanical Research, Inc ... P.O. Box 3041, Sarasota ... Fla
General Communication Co ... 677 Beacon St, Boston 15 ... Mass
GENERAL DEVICES INC., Adv Pg 518 ... P.O. Box 253, Princeton ... NJ
Lear, Inc. ... 3171 S. Bundy Dr, Santa Monica ... Cal
Marquardt Corp., Pomona Div ... 2709 N. Garey Ave, Pomona ... Cal
Martin Co. ... Mail No. [illegible], Baltimore 3 ... Md
Minn-Honeywell, Special Systems Div ... Queen & E Bailey St, Pottstown ... Pa
Nortronics Div. Northrop Corp., Inc ... 2544 Arizona Cir, Los Angeles 45 ... Cal
Nortronics Associates, Inc ... [illegible] American St. San Carlos ... Cal
Ortronix, Inc ... Forsythe Rd. Dr. 8217, Orlando ... Fla
Pacific Mercury Electronics ... [illegible] Haynesford Ave, Sepulveda ... Cal
Parsons Co., Ralph M., Electronics Div ... 151 S. DeLacey Ave, Pasadena ... Cal
San Diego Scientific Corp ... 3434 Midway Dr, San Diego 10 ... Cal
Sargent & Greenleaf Inc ... 24 Seneca Ave, Rochester ... NY
Sierra Research Corp ... Box 22, Buffalo 25 ... NY
Space Electronics Corp ... 930 Air Way, Glendale 1 ... Cal
Stony Brook Labs ... 95 State Rd. Princeton ... NJ
TELE-DYNAMICS DIV. AMERICAN BOSCH ARMA CORP., Adv Pgs 196, 197 ... 5000 Parkside Ave. Philadelphia 31 ... Pa
Telecomputing Corp ... 915 N. Citrus Ave, Hollywood ... Cal
Telemetrics, Inc. ... 12927 S Budlong, Gardena ... Cal
Texas Instruments Incorporated, Apparatus Div. Govt Prods Gr ... Box 6015, Dallas 22 ... Tex
TREPAC CORP. OF AMERICA, Adv Pgs 415, 426 ... 30 W Hamilton Ave. Englewood ... NJ

DEEP-DRAWN METAL PARTS See METAL PARTS –*DEEP-DRAWN*
DEFLECTION YOKES See YOKES –*DEFLECTION*
DEGAUSSING COILS See DEMAGNETIZERS: ERASERS
DEGREASING CHEMICALS See SOLVENTS

DEHUMIDIFIERS

1. CHEMICAL 2. HEAT-TYPE 3. REFRIGERATOR-TYPE

Air Control, Inc., 1 ... 45 Narberth Ave, Narberth ... Pa
Airflow Co., 3 ... 410 S. Stonehenge Ave, Rockville ... Md
Allied Chemical Corp., Baker & Adamson Products Div. Chem Div., 1 ... 40 Rector St, New York ... NY
ASSOCIATED TESTING LABORATORIES INC., 3, Adv Pg 343 ... 187 Route 46, Wayne ... NJ
Atlee Corp. Applied Dynamics Div., 1 ... 370 Bear Hill Rd. Waltham ... Mass
Barium & Chemicals, Inc., 1 ... Willoughby ... Ohio
Budd Electronics Inc., 1-2-3 ... 43-22 Queens St. Long Island City ... NY
City Chemical Corp., 1 ... 132 W. 22nd St, New York 11 ... NY
Controlled Atmosphere Enclosures Mfg Co., 1-2-3 ... 1061 E 8th St. Jacksonville 6 ... Fla
Dampp-Chaser Inc., 2 ... Box 1641, Hendersonville ... NC
Dielectric Products Engrg. Co. Inc., 1 ... Raymond ... Me
Eastern Industries, 1-2-3 ... 100 Skiff St. Hamden ... Conn
Electric Hotpack Co. Inc., 1-2-3 ... 5016 Cottman St. Philadelphia 35 ... Pa
Garrett Corp. The, 3 ... 9851 Sepulveda Blvd, Los Angeles 45 ... Cal
Harris Mfg. Co. Inc., 3 ... 308 River St, Cambridge 39 ... Mass
Hotpoint Co. Div., Labline, Inc., 3 ... 3070 W. Grand, Chicago 22 ... Ill
International Radiant Corp., 3 ... 577 E. 10th St. New York 55 ... NY
Kahn & Co. Inc., 1 ... 885 Wells Rd. Wethersfield ... Conn
Metal Hydrides Inc., 1 ... Beverly ... Mass
Murphy & Miller, Inc., 3 ... 612 W. Taylor St, Chicago 7 ... Ill
Olympic Plastics Co. Inc., 1 ... 3471 S La Cienega Blvd. Los Angeles 16 ... Cal
Radio Merchandise Sales, Inc., 3 ... 2024 Bronxdale Ave. New York 62 ... NY
Robbins Aviation, Inc., 1-2-3 ... 2350 E. 38th St, Los Angeles 58 ... Cal
Task Corp., 3 ... 1009 E Vermont, Anaheim ... Cal
United States Dynamics, Inc., 1-2 ... 10 Oldham St, Newton Highlands ... Mass
VITRO ELECTRONICS DIV. VITRO CORP., 3 Adv Pgs 309, 310 ... 919 Jesup Blair Dr. Silver Spring ... Md
Welcraft Products Co. Inc., 2 ... New Carlisle ... Ind
Wells Industries Corp., 1-2-3 ... 6880 Troost Ave. Hollywood ... Cal

DEHYDRATORS See OVENS, DRYERS & DEHYDRATORS
DELAY-LINE CORES See CORES –*DELAY-LINE*

DELAY LINES

1. COLOR TV 6. LUMPED-CONSTANT, VARIABLE
2. DIGITAL 7. ULTRASONIC, FIXED
3. DISTRIBUTED CONSTANT, FIXED 8. ULTRASONIC, VARIABLE
4. DISTRIBUTED-CONSTANT, 9. WAVEGUIDE, COILED OR SPIRALED
5. LUMPED-CONSTANT, FIXED VARIABLE 10. MAGNETOSTRICTIVE
11. SONIC

AC Electronics, Inc., 3-4-5-6-7-8 ... 11725 Mississippi Ave. Los Angeles 25 ... Cal
ACDC ELECTRONICS, INC., 3-5, Adv Pg 182 ... 2979 N Ontario St. Burbank ... Cal
A R & D A, 7-8 ... 135 Main St, Belleville 9 ... NJ
A-T ELECTRONICS INC., 3, Adv Pg 390 ... Box 1841, New Haven 8 ... Conn
Admiral Corp., 3-4-5-6 ... 3800 W Cortland St. Chicago 47 ... Ill
AD-YU ELECTRONICS LAB. INC., 1-3-4-5-6, Adv Pg 522 ... 249-259 Terhune Ave. Passaic ... NJ
Airtec, Inc., 9 ... 139 E. First Ave, Roselle ... NJ
Airtronics, Inc., 2 ... 5522 Dorsey Ln, Washington 16 ... DC
Allen Avionics Inc., 1-2-3-4-5-6-10 ... 255 E 2nd St. Mineola ... NY
AMERICAN ELECTRONIC WIRE & CABLE, 9, Adv Pg 18 ... 120 S Hewitt St. Los Angeles ... Cal
AMP INC., 3-4-5-6, Adv Pgs 65, 183 ... Eisenhower Blvd. Harrisburg ... Pa
ANDERSEN LABS. INC., 1-2-3-4-5-6-7-8-11, Adv Pg 426 ... 501 New Park Ave. W Hartford ... Conn
APPLIED ELECTRONICS CORP. OF NJ, 2, Adv Pg 518 ... 22 Center St. Metuchen ... NJ
ARENBERG ULTRASONIC LAB. INC., 7, Adv Pg 504 ... 94 Green St. Jamaica Plain 30 ... Mass
Artronic Instrument Co., 2-3-5-6 ... 11232 Triangle Ln. Silver Spring ... Md
Barker & Williamson Inc., 3-5 ... Canal & Beaver Sts. Bristol ... Pa
Bayly Engineering Ltd., 5 ... Hunt St. Ajax ... Ont
Bel Fuse Inc., 1-3 ... 198 Van Vorst St, Jersey City ... NJ
Bendix Corp. York Div., 9 ... York ... Pa
BLILEY ELECTRIC CO., 7, Adv Pgs 198, 199 ... 200 Union Station Bldg. Erie ... Pa
Branson Instruments Inc., 7-8 ... 37 Brown House Rd. Stamford ... Conn
Brew & Co. Inc., Richard D., 1-2-3-4-5-6-7 ... 90 Airport Rd. Concord ... NH
BUDD STANLEY CO. INC., 9, Adv Pg 313 ... 175 Eileen Way, Syosset ... NY
BULOVA WATCH CO. INC. ELECTRONICS DIV., 5, Adv Pg 427 ... 61-10 Woodside Ave. Woodside 77 ... NY
BURNELL & CO. INC., 3-4-5-6, Adv Pg 207 ... 10 Pelham Pkwy. Pelham ... NY
CWS Waveguide Corp., 9 ... 301 W Hoffman Ave. Lindenhurst ... NY
Canadian Marconi Co., 5 ... 2444 Trenton Ave. Montreal ... Que
Capehart Corp., 3-4-5-6-9-10 ... 87-46 123rd St, Richmond Hill 18 ... NY
Central Coil Co., 3-5 ... 1702 N. Luett St, Indianapolis ... Ind
COLUMBIA TECHNICAL CORP., 1-2-3-4-5-6-10, Adv Pg 441 ... 24-30 Bklyn-Qns. Exp W, Woodside 77 ... NY
COMMUNICATION ACCESSORIES CO., 5, Adv Pg 79 ... Hwy 50 & 71 ByPass, Lee's Summit ... Mo
Computer Control Co. Inc., 2-10-11 ... 983 Concord St. Framingham ... Mass
Computer Devices Corp., 1-2-3-4-5-6-10 ... 6 W 18 St. Huntington Station ... NY
Consolidated Avionics Corp., 2-7-8-10 ... 800 Shames Dr. Westbury ... NY
CONTROL ELECTRONICS CO. INC., 2-3-4-5-6-10, Adv Pg 444 ... 10 Stepar Pl. Huntington Sta ... NY
Control Equipment Corp., 2 ... 19 Kearney Rd. Needham Heights 94 ... Mass
CORNELL-DUBILIER ELECTRONICS DIV. FED PACIFIC ELEC CO., 5, Adv Pgs 148, 149 ... 50 Paris St. Newark 1 ... NJ
Corning Glass Works, Corning Electronic Components, 1-2-7-8 ... 100 High St. Bradford ... Pa
CURTISS-WRIGHT CORP. ELECTRONICS DIV., 2-7-8-10-11, Adv Pg 473 ... 35 Market St. E Paterson ... NJ
Dalsonics Inc., 3-4-5-6 ... 100 Marbon Ave, Providence 9 ... RI
Data Equipment Co., 2 ... 323 E. 3rd St, Los Angeles 13 ... Cal
Datafilter Corp., 5 ... 5971 Noble Ave. Van Nuys ... Cal
DAVEN CO., 5-6, Adv Pg 187 ... Rt. 10, Livingston ... NJ
Desco Instruments, 5-6 ... 14737 Aetna St. Van Nuys ... Cal
Delta Coils, Inc., 5 ... 1139 Madison Ave. Paterson 3 ... NJ
Deltex Electronic Div., Delta Explor. Co. Inc., 5 ... Drawer 2888, Jackson ... Miss
Deltime, Inc., 2-8-10-11 ... 610 Fayette St, Mamaroneck ... NY
Developmental Electronics Corp., 2-3-4-5-6 ... 4213 S. Broadway, Los Angeles ... Cal
Dielectric Products Engrg. Co. Inc., 3-5-9 ... Raymond ... Me
DIETZ DESIGN, INC., 3-5-6, Adv Pg 226 ... Grandview 6 ... Mo
Dresser Electronics, HST Div., 5-6 ... 305 N 5th St. Garland ... Tex
ESC ELECTRONICS CORP., 2-3-4-5-6-10, Adv Pg 203 ... 534 Bergen Blvd. Palisades Park ... NJ
Electro-Winders Co., Inc., 2-3-4-5-6-7 ... 854 N. Front St, Covina ... Cal
Electropac, Inc., 2-8-11 ... 62 Union St. Peterborough ... NH
El-Rad Mfg Co., 1-2-3-5 ... 4300 N California Ave. Chicago 18 ... Ill
Epsco Inc. Components Div., 2-5-6 ... 275 Massachusetts Ave. Cambridge 39 ... Mass
ESSEX ELECTRONICS DIV OF NYTRONICS, INC., 3-5, Adv. Pgs. 210, 211 ... 550 Springfield Ave. Berkeley Heights ... NJ
Filtron Co., Inc., 2-3-4-5-6 ... 131-15 Fowler Ave, Flushing ... NY
Forbes & Wagner, Inc., 3-5 ... 345 Central Ave, Silver Creek ... NY
General Electric Co. Heavy Military Electronics Dept., 4-10-11 ... Court St. Syracuse ... NY
General Instrument of Canada Ltd., 2-3-4-5-6 ... 151 Weber St. S, Waterloo ... Ont
General Instrument Corp. Micamold Div., 5 ... 65 Gouverneur St. Newark 4 ... NJ
GENERAL MAGNETICS, INC., 3-5, Adv Pg 543 ... Dept B, 2641 Louisiana Ave. Mapls 26 ... Minn
General Radio Co., 4 ... West Concord ... Mass
General Ultrasonics Co., 7-8 ... 47 Mulberry St, Hartford 1 ... Conn
Geotronic Labs. Inc., 5-6 ... 1314 Cedar Hill Ave. Dallas 8 ... Tex
Gilfillan Bros., Inc., 2-9 ... 1815 Venice Blvd, Los Angeles 6 ... Cal
Gray & Kuhn Inc. Div. Burnell & Co. Inc., 2-3-4-5-6 ... 81 Swain St. Westbury ... NY
Gudeman Co., 3-4-5-6 ... 340 W Huron St. Chicago 10 ... Ill
Helipot Div. Beckman Instruments Inc., 4 ... 2500 Harbor Blvd. Fullerton ... Cal
HEWLET-PACKARD CO., 2, Adv Pgs 19-34 ... 1501 Page Mill Rd. Palo Alto ... Cal
Hicomic, Inc., 5 ... P.O. Box 534, Shawnee ... Kan
Hughes Industrial Systems Div., 3-4-5-6-10 ... Bldg 115, Mail Sta 25, Int. Airport Sta. Los Angeles 45 ... Cal
ITT Federal Labs Div. ITT Corp., 9 ... 500 Washington Ave. Nutley ... NJ
Itek Labs Div. Itek Corp., 10 ... 10 Maguire Rd. Lexington 73 ... Mass
JFD ELECTRONICS CORP., 1-2-3-4-5-6, Adv Pgs 406, 407 ... 6101 16th Ave. Brooklyn 4 ... NY
Laboratory For Electronics, Inc., 2-3-4-5-6-7-8-9-10-11 ... 1079 Commonwealth Ave. Boston 15 ... Mass
LUMATRON ELECTRONICS, INC., 3 Adv Pg 502 ... 116 County Cthse Rd, New Hyde Park ... NY
Marconi's Wireless Telegraph Co., Ltd., 7 ... 750 Third Ave, New York 17 ... NY
Martin Co., 2 ... Mail No. G302, Baltimore 3 ... Md
Meridian Metalcraft, Inc., 9 ... 8739 S. Millergrove Dr, Whittier ... Cal
Micromag Instrument Corp., 5 ... 115 Malleck St. Roxbury ... Mass
Microsound Electronics, Inc., 2-3-5-6 ... 3717 E. Washington, Phoenix ... Ariz
MICROSONICS INC., 1-7-8, Adv Pg 537 ... Hingham Ind. Center, Rt. 3A, Hingham ... Mass
Microtech, Inc., 9 ... Hillside Rd, Cheshire ... Conn
MICROWAVE CORP. OF AMERICA, 9, Adv Pg 462 ... P.O. Box 278, Stamford ... Conn
Microwave Development Labs. Inc., 9 ... 15 Strathmore Rd. Natick ... Mass
Millen Mfg. Co., James, 3-5 ... 150 Exchange St. Malden ... Mass
Minn-Honeywell, Ceramics Lab., 7 ... Box 440, Minneapolis 40 ... Minn
Mullard Equipment, Ltd., 7-8 ... Torrington Pl. London WC 1 ... Eng
N. R. K. Microwave Div. Cook Electric Co., 9 ... 4601 W Addison St. Chicago 41 ... Ill
National Ultrasonic Corp., 7-8 ... 85 Park Ave. Nutley 10 ... NJ
NAVIGATION COMPUTER CORP., 2, Adv Pg 511 ... Valley Forge Ind Park, Norristown ... Pa
Network Designers Inc., 2 ... 38 E 57th St. New York 22 ... NY
New London Instrument Co., 6 ... 82 Union St. New London ... Conn
Omitron Co. Inc., 2-5 ... 11497 Woodside, Lakeside ... Cal
ORTHO FILTER CORP., 3-5, Adv Pg 206 ... 7 Paterson St. Paterson 1 ... NJ
PCA ELECTRONICS INC., 1-2-3-4-5, Adv Pg 208 ... 16799 Schoenborn St. Sepulveda ... Cal
Palo Alto Engineering Co., 3-4-5 ... 620 Page Mill Rd, Palo Alto ... Cal
Parsons Co., Ralph M., Electronics Div., 5-6 ... 151 S. DeLacey Ave, Pasadena ... Cal
Philco Corp., Gov't & Ind'l Div., 2 ... 4700 Wissahickon Ave, Philadelphia 44 ... Pa
Polyphase Instrument Co., 5 ... E. Fourth St, Bridgeport ... Pa
Power - Tronic Systems, Inc., 10 ... 10-12 Pine Ct. New Rochelle ... NY
REDMAN ELECTRONICS CORP., 2-5, Adv Pg 432 ... Box 72, Thompsonville ... Conn
RIXON ELECTRONICS INC., 2-5-6, Adv Pg 412 ... 2414 Reedie Dr. Silver Spring ... Md
ROYAL ELECTRIC CORP., 1, Adv Pg 108 ... 95 Grand Ave. Pawtucket ... RI
Rytron Co., Inc., 5 ... 7301 Lankershim Blvd, North Hollywood ... Cal
Sangamo Electric Co., 5 ... 1301 N. 11 St, Springfield ... Ill
Schutter Microwave Corp., 9 ... 80 E Montauk Hwy. Lindenhurst ... NY
Shallcross Mfg Co., 3-4-5-6 ... Selma ... NC
Sickles, F.W., Div. General Instrument Corp., 1-2-3-5 ... 165 Front St. Chicopee ... Mass
Space Electronics Corp., 2-7 ... 930 Air Way, Glendale 1 ... Cal
Sparton Corp., 3-4-5-6 ... 2400 E Ganson St, Jackson ... Mich
Sprague Electric Co., 5 ... 125 Marshall St. North Adams ... Mass
Stanco, Inc., 7 ... 50 Silver St, Middletown ... Conn
Tarc Electronics Div. Gotham Bldg Corp., 7-11-12-13 ... 48 Urban Ave. Westbury ... NY
Technitrol Engineering Co., 3-5 ... 1952 E Allegheny Ave. Phila. 34 ... Pa
TECHNOLOGY INSTRUMENT CORP., 5, Adv Pgs 83, 86 ... 533 Main St. Acton ... Mass
Telecomputing Corp., 5 ... 915 N Citrus Ave, Hollywood ... Cal
TOROTEL INC., 3-5, Adv Pg 496 ... 5512 E 110th St. Kansas City 37 ... Mo
TOROTRON CORP., 7-8, Adv Pg 234 ... 256 E 3rd St. Mt Vernon ... NY
Trak Electronics Co. Inc., 6 ... 40 Danbury Rd. Wilton ... Conn
Transco Products Inc., 9 ... 12210 Nebraska Ave. Los Angeles 25 ... Cal
Turbo Machine Co., 9 ... 840 W. Main St, Lansdale ... Pa
Ultrasonic Systems Inc., 5-6-8 ... 2255 S Carmelina Ave. Los Angeles 64 ... Cal
Valor Instruments, Inc., 2-3-4-5-6 ... 13214 Crenshaw Blvd. Gardena ... Cal
Vanguard Electronics Co., 3-5-6 ... 3384 Motor Ave. Los Angeles 34 ... Cal
Waltham Electronics Corp., 6 ... 751 Main St. Waltham 54 ... Mass
Waveline, Inc., 9 ... P.O. Box 718, Caldwell ... NJ
Wells Electronics Co., 5 ... 1701 S Main St. South Bend 23 ... Ind
WHEELER ELECTRONIC CORP. SUB. SPERRY RAND CORP., 5, Adv Pg 498 ... 150 E Aurora St. Waterbury 20 ... Conn
Whitewater Electronics Inc., 3-5 ... 136 W Main St. Whitewater ... Wis
Wilcox Electric Co., 3-5 ... 1400 Chestnut St. Kansas City ... Mo

DELAYS

1. A-F. VARIABLE 3. TAPE-TYPE
2. MULTIVIBRATOR, SINGLE-SHOT 4. TRANSPORT-TYPE

Abacus, Inc., 2 ... 3040 Overland Ave. Los Angeles 34 ... Cal
AD-YU ELECTRONICS LAB. INC., 1, Adv Pg 522 ... 249-259 Terhune Ave. Passaic ... NJ
Applied Magnetics Corp., 2-4 ... Box 368, Goleta ... Cal
Audio Instrument Co. Inc., 3 ... 1392 W 14 St. New York 11 ... NY
Computer Techniques Inc., 2 ... 3300 Northern Blvd. Long Island City 1 ... NY
Consolidated Avionics Corp., 2 ... 800 Shames Dr. Westbury ... NY
Control Equipment Corp., 2 ... 19 Kearney Rd. Needham Heights 94 ... Mass
Digital Equipment Corp., 2 ... Maynard ... Mass
ESC ELECTRONICS CORP., 1, Adv Pg 203 ... 534 Bergen Blvd. Palisades Park ... NJ
Electro Logic Corp., 2 ... 515 Boccaccio Ave. Venice ... Cal
Electrodynamic Instrument Corp., 1-3-4 ... 1841 Old Spanish Trail, Houston 25 ... Tex
El-Tronics Inc., 2 ... 20 S. 15th St. Philadelphia 2 ... Pa
Epsco Inc. Components Div., 2 ... 275 Massachusetts Ave. Cambridge 39 ... Mass
INDUSTRIAL TEST EQUIPMENT CO., 1 Adv Pg 422 ... 55 E 11th St. New York 3 ... NY
Mini-Rad, Inc., 2 ... 7415 E Varna Ave, N. Hollywood ... Cal
NAVIGATION COMPUTER CORP., 2, Adv Pg 511 ... Valley Forge Ind Park, Norristown ... Pa
Network Designers Inc., 2 ... 38 E 57th St. New York 22 ... NY
Ortronix, Inc., 2 ... Forsythe Rd. Dr. 8217, Orlando ... Fla
Plug-In Instruments, Inc., 2 ... 1416 Lebanon Rd. Nashville 10 ... Tenn
RIXON ELECTRONICS INC., 2, Adv Pg 412 ... 2414 Reedie Dr. Silver Spring ... Md
Sargent & Greenleaf Inc., 2 ... 24 Seneca Ave, Rochester ... NY
Schober-Organ Corp., 3 ... 43 W 61 St. New York 23 ... NY
Tripl-T Co Electronics, 2 ... 1080 Encino Dr, San Marino ... Cal
Washington Aluminum Co. Inc., 1 ... Pa RR & Knecht Ave. Baltimore 29 ... Md

DEMAGNETIZERS

ACDC ELECTRONICS, INC., Adv Pg 182 ... 2979 N Ontario St. Burbank ... Cal
Amplifier Corp of America ... 398 Broadway, New York 13 ... NY
Annis Co., R.B. ... 1101 N. Delaware St, Indianapolis ... Ind
Caltron Products Co ... 3518 N. Pico Blvd, Los Angeles 19 ... Cal
Data Equipment Co ... 323 E. 3rd St, Los Angeles 13 ... Cal
Green Rectifier Co ... 1-10 30th St, Fair Lawn ... NJ
Ideal Industries, Inc ... 5103 Park Ave. Sycamore ... Ill
INDIANA STEEL PRODUCTS DIV. INDIANA GENERAL CORP., Adv Pg 77 ... Valparaiso ... Ind
Magnaflux Corp ... 7300 W Lawrence Ave. Chicago 31 ... Ill
PCA ELECTRONICS INC., Adv Pg 203 ... 16799 Schoenborn St. Sepulveda ... Cal
Radio Frequency Labs, Inc ... Boonton 2 ... NJ
Robins Industries Corp ... 36-27 Prince St, Flushing 54 ... NY
Strader Co ... 11625 S. Broadway, Los Angeles ... Cal

DEMINERALIZERS & STILLS –*WATER*

Barnstead Still & Sterilizer Co. Inc ... 84 Lanesville Ter. Boston 31 ... Mass
Bogue Electric Mfg. Co ... 52 Iowa Ave, Paterson 3 ... NJ
Carma Mfg Co ... 1674 Mullin Ave. Torrance ... Cal
Central Scientific Co. Div. Cenco Instr Inc ... 1700 Irving Park Rd. Chicago 13 ... Ill
Electric Hotpack Co. Inc ... 5016 Cottman St. Philadelphia 35 ... Pa
HARSHAW CHEMICAL CO., Adv Pg 508 ... 1945 E 97th St. Cleveland 6 ... Ohio
La Motte Chemical Products Co ... Chestertown ... Md
Metalphoto Corp ... 6811 Superior Ave. Cleveland 3 ... Ohio
PENFIELD MFG. CO. INC., Adv Pg 363 ... 19 High School Ave. Meriden ... Conn
Permutit Co., A Div of Pfaudler Permutit Inc ... 50 W. 44 St, New York 36 ... NY
Radio Dev. & Research Corp ... 100 Penna. Ave, Paterson 3 ... NJ

DEMODULATORS –*SYNCHRONOUS*

1. CHOPPER-TYPE 2. ELECTRONIC

AIRPAX ELECTRONICS INC. CAMBRIDGE DIV., 1, Adv Pg 106 ... Cambridge ... Md

AIRPAX ELECTRONICS INC. SEMINOLE DIV., 2, Adv Pg 106 ... **Fort Lauderdale** ... **Fla**
Allen Business Machine, Inc., R.C., Aircraft Instrument Div., 2 ... 333 Commerce S.W., Grand Rapids ... Mich
Applied Control Corp., 2 ... 1900 Main St. Hackensack ... NJ
Arnoux Corp., 2 ... 11924 W. Washington Blvd. L.A. 66 ... Cal
Bonnshaft & Fuchs, Inc., 2 ... Hatboro Ind Park, Hatboro ... Pa
Bradley Semiconductor Corp., 2 ... 275 Welton St. New Haven ... Conn
Bristol Co., 1 ... Box 1790 EBG, Waterbury 20 ... Conn
Cambridge Electronics Corp., 1 ... 294 Center St. Newton ... Mass
Crescent Engineering & Research Co., 2 ... 5440 N Peck Rd, El Monte ... Cal
Electrodynamic Instrument Corp., 2 ... 1841 Old Spanish Trail, Houston 25 ... Tex
ELECTRONIC PRODUCTS CORP., 2, Adv Pgs 545, 546 ... **4642 Belair Rd. Baltimore 6** ... **Md**
Ensco, Inc., 2 ... 3270 Elmridge St. Salt Lake City ... Utah
Epsco Inc. Components Div., 2 ... 275 Massachusetts Ave. Cambridge 39 ... Mass
GENERAL DEVICES INC., 2, Adv Pg 518 ... **Box 253, Princeton** ... **NJ**
Gulton Industries, Inc., 2 ... 212 Durham Ave. Metuchen ... NJ
Hamilton Standard Div. United Aircraft Corp., 2 ... Broad Brook ... Conn
IBM Federal Systems Div., 2 ... 1120 Conn. Ave. Washington 6 ... DC
Industrial Control Co., 1-2 ... Central Ave. at Pinelawn, Farmingdale ... NY
James Electronics Inc., 1-2 ... 4050 N. Rockwell St. Chicago 18 ... Ill
Jerrold Electronics Corp., 2 ... 15th & Lehigh, Philadelphia 32 ... Pa
KEARFOTT DIV., GEN PRECISION INC., 2, Adv Pg 394 ... **Little Falls** ... **NJ**
LING-TEMCO ELECTRONICS INC. MICROMODULAR COMPONENTS DIV., 1, Adv Pg 223 ... **1859 S Manchester, Anaheim** ... **Cal**
Lumen, Inc., 2 ... Box 906, Joliet ... Ill
Micro Gee Products, Inc., 1 ... 6319 W Slauson Ave. Culver City ... Cal
Muirhead & Co., Ltd., 2 ... Beckenham, Kent, England
Molectronics Div. Matec Ind. Inc., 1-2 ... 6344 Arizona Cir. Los Angeles 45 ... Cal
Nucimco Products, Inc., 2 ... 7070 Mission Blvd, San Diego ... Cal
Natel Engineering Co. Inc., 1-2 ... 15922 Strathern St. Van Nuys ... Cal
Ortronix, Inc., 2 ... Forsythe Rd. Box 8717, Orlando ... Fla
Plug-in Instruments, Inc., 2 ... 1416 Lebanon Rd. Nashville 10 ... Tenn
Ranguetone, Inc., 2 ... 73 Winthrop St, Newark 4 ... NJ
RIXON ELECTRONICS INC., 2, Adv Pg 412 ... **2414 Reedie Dr. Silver Spring** ... **Md**
SANDERS ASSOCIATES INC., 2, Adv Pg 380 ... **95 Canal St. Nashua** ... **NH**
Sierra Research Corp., 2 ... Box 22, Buffalo 25 ... NY
Solatron, Inc., 2 ... 1742 S. Zeyn St, Anaheim ... Cal
SOLID STATE ELECTRONICS CO., 1-2, Adv Pg 238 ... **Dept E, 15321 Rayen St. Sepulveda** ... **Cal**
Space Electronics Corp., 2 ... 930 Air Way, Glendale 1 ... Cal
Sparton Corp., 2 ... 2400 E Ganson St. Jackson ... Mich
Spectra Electronics Co., 2 ... 250 E. 3rd St, Mt. Vernon ... NY
Sprague Electric Co., 1-2-3-4-5-8 ... 125 Marshall St. North Adams ... Mass
Ten Bosch, Inc., M., 1-2 ... 80 Wheeler Ave, Pleasantville ... NY
Theta Instrument Corp., 2 ... 520 Victor St. Saddle Brook ... NJ
TORWICO ELECTRONICS INC., 2, Adv Pgs 491, 492 ... **Route 70, Lakewood** ... **NJ**
Varian Associates, 2 ... 611 Hansen Way, Palo Alto ... Cal
VARO, INC., 2 Adv Pg 118 ... **2201 Walnut St. Garland** ... **Tex**
Victory Engineering Corp., 1 ... 101 Springfield Rd. Union ... NJ
Westamp, Inc., 2 ... 11277 Massachusetts Ave. L A 25 ... Cal

DEMONSTRATORS – *ELECTRONIC CIRCUIT*
1. MAGNETIC AMPLIFIER CIRCUITS 2. TRANSISTOR CIRCUITS 3. TUBE CIRCUITS

A. O. I. P., 2 ... 23 Pl. Jeanne d'Arc, Paris 13 ... Fr
Adage, Inc., 2 ... 292 Main St. Cambridge 42 ... Mass
AIRPAX ELECTRONICS INC. SEMINOLE DIV., 1, Adv Pg 106 ... **Fort Lauderdale** ... **Fla**
Airtronics, Inc., 1-2-3 ... 5522 Dorsey Ln, Washington 16 ... DC
Applied Control Corp., 1 ... 1900 Main St. Hackensack ... NJ
APPLIED ELECTRONICS CORP. OF NJ, 1-2, Adv Pg 518 ... **22 Center St. Metuchen** ... **NJ**
Ardente Acoustic Labs Ltd., 2 ... 8/12 Minerva Rd. London NW 10 ... Eng
Burr-Brown Research Corp., 2 ... Box 6444, Tucson ... Ariz
CG Electronics Corp., 2 ... 1500 Central E., Albuquerque ... NM
Calmag Div. Calif. Magnetic Con. Corp., 1 ... 11922 Valerio St. N Hollywood ... Cal
Computer Control Co. Inc., 2 ... 983 Concord St. Framingham ... Mass
Computer Techniques Inc., 2 ... 3300 Northern Blvd. Long Island City 1 ... NY
Consolidated Avionics Corp., 2 ... 800 Shames Dr. Westbury ... NY
Control Data Corp., Cedar Eng. Div., 1 ... 501 Park Ave, Minneapolis 15 ... Minn
Control Technology Co., 2 ... 1186 Broadway, New York 1 ... NY
Deeco Instruments, 1 ... 14737 Arminta St. Van Nuys ... Cal
Dresser Electronics, HST Div., 1-2 ... 555 N 5th St. Garland ... Tex
E. P. Electric Products Co. Ltd., 1 ... 9720 Waverly St. Montreal 12 ... Can
ECLIPSE PIONEER DIV. BENDIX CORP., 1-2, Adv Pgs 354, 355 ... **Teterboro** ... **NJ**
Electric Switch Corp., 2 ... 2320 S Tibbs Ave. Indianapolis 41 ... Ind
Electro Logic Corp., 1-2 ... 515 Boccaccio Ave. Venice ... Cal
ELECTRONIC PRODUCTS CORP., 2, Adv Pgs 545, 546 ... **4642 Belair Rd. Baltimore 6** ... **Md**
EMPIRE SERVICES, 2, Adv Pg 484 ... **4D-3, Skaneateles** ... **NY**
Engineer-Design & Development Co., 1-2-3 ... 60 Pennington St. Newark 2 ... NJ
Epsco Inc. Components Div., 1-2 ... 275 Massachusetts Ave. Cambridge 39 ... Mass
Etching Corp. of Cal. Div. Allegri-Tech Inc., 1-2 ... 865 Hinckley Rd. Burlingame ... Cal
Fairfield Controls Inc., 1 ... 114 Manhattan St. Stamford ... Conn
Feedback Controls Inc., 1 ... 8 Erie Drive, Natick ... Mass
General Coil Products Corp., 2 ... 147-12 Liberty Ave. Jamaica 35 ... NY
General Electronic Labs, Inc., 2-3 ... 8521 2nd Ave. Silver Spring ... Md
Globe Electronics, Div. Textron Electronics, Inc., 3 ... 22-30 S 34th St. Council Bluffs ... Iowa
ITI Electronics Inc., 2 ... 369 Lexington Ave. Clifton ... NJ
Industrial Control Co., 1-2-3 ... Central Ave. at Pinelawn, Farmingdale ... NY
Intercontinental Electronics Corp., 1-2 ... 300 Shames Dr. Westbury 29 ... NY
Johnson Electronics Inc., 1-2-3 ... Box 1675, Casselberry ... Fla
Lear Inc., 2-3 ... 3171 S Bundy Dr. Santa Monica ... Cal
Link Div. Gen. Precision Inc., 2 ... Binghamton ... NY
Lumen, Inc., 1 ... P.O. Box 906, Joliet ... Ill
MAGNETIC AMPLIFIERS DIV. SIEGLER CORP., 1, Adv Pg 295 ... **632 Tinton Ave. New York 55** ... **NY**
Martin Co., 1-2-3 ... Mail No. G3037, Baltimore 3 ... Md
Mid-Tronics Mfg. Co. Inc., 2 ... 2019 Westchester Ave. New York 62 ... NY
Mini-Rad, Inc., 2 ... 7416-E Varna Ave, N. Hollywood ... Cal
Natel Engineering Co., Inc., 2 ... 15922 Strathern St, Van Nuys ... Cal
National Electronics Labs., Inc., 2 ... 1713 Kalorama Rd N.W., Washington 9 ... DC
NAVIGATION COMPUTER CORP., 2, Adv Pg 511 ... **Valley Forge Ind Park, Norristown** ... **Pa**
Pearce Simpson, Inc., 3 ... 2295 NW 14th St. Miami 35 ... Fla
Power Instruments Corp., 1-2 ... 235 Oregon St. El Segundo ... Cal
RCA Service Co. Div. Radio Corp. of Amer., 2 ... Cherry Hill, Camden 8 ... NJ
Radiation Technology, Inc., 2 ... 657 Antone St. NW Atlanta 18 ... Ga
Radio Dev. & Research Corp., 1-2 ... 100 Penna. Ave. Paterson 3 ... NJ
Ram Electronics, Inc., 1 ... 600 Industrial Ave, Paramus ... NJ
Ratelco, 1-2-3 ... 820 Minor Ave. N, Seattle ... Wash
Remler Co., 2-3 ... 2101 Bryant St. San Francisco 10 ... Cal
Spec-Tronics, 1-2 ... 13942 Saticoy Ave, Van Nuys ... Cal
Straza Industries, 2 ... 790 Greenfield Dr. El Cajon ... Cal
Tenco Electronics Inc., 1 ... 108 Cummington St. Boston ... Mass
Topp Industries, Inc., 1 ... 5221 W. 102 St, Los Angeles 45 ... Cal
TOROTEL INC., 1, Adv Pg 496 ... **5512 E 110th St. Kansas City 37** ... **Mo**
TORWICO ELECTRONICS INC., 1, Adv Pgs 491, 492 ... **Route 70, Lakewood** ... **NJ**
Transval Electronics Corp., 1-2 ... 203 Maple Ave, El Segundo ... Cal
TRENTON TRANSFORMER CORP., 3, Adv Pg 47 ... **Box 5688, Trenton** ... **NJ**
TREPAC CORP. OF AMERICA, 2, Adv Pgs 415, 426 ... **30 W Hamilton Ave. Englewood** ... **NJ**
Troxler Labs., 2 ... Box 5253, Raleigh ... NC
Ultrasonic Systems Inc., 2-3 ... 2255 S Carmelina Ave. Los Angeles 64 ... Cal
Wright Electronics, 1-3 ... 2537 Grand, Kansas City ... Mo

DENSITOMETERS – *ELECTRONIC*
Applied Research Laboratories, Inc ... P.O. Box 1710, Glendale 5 ... Cal
Automation Products, Inc ... 3030 Max Roy St, Houston 24 ... Tex
CURTISS-WRIGHT CORP. PRINCETON DIV., Adv Pgs 382, 426, 494 ... **Princeton** ... **NJ**
Electro-Physics Co ... 287 Broadway, New York 7 ... NY
General Aniline & Film Corp., Ansco Div ... Vestal Pkwy E., Binghamton ... NY
Jarrell-Ash Co ... 26 Farwell St, Newtonville ... Mass
Melcor Electronics Corp ... 48 Toledo St. Farmingdale ... NY
PHOTOCHRON INSTRUMENTS INC., Adv Pg 516 ... **662 Main St. Westbury** ... **NY**
Potter Aeronautical Corp ... Rt 22, Union ... NJ
RADAR MEASUREMENTS CORP., Adv Pg 516 ... **190 Duffy Ave. Hicksville** ... **NY**
Spectra Electronics Co ... 250 E. 3rd St, Mt. Vernon ... NY
Welch Scientific Co ... 1515 Sedgwick St. Chicago 10 ... Ill

DENSITY COMPARATORS See DENSITOMETERS
DENSITY CONTROLS See CONTROLS – *DENSITY*
DENSITY INDICATORS See DENSITOMETERS
DEPOSITED CARBON RESISTORS See RESISTORS – *FILM TYPE*
DEPTH RECORDERS See DEPTH SOUNDERS

DEPTH SOUNDERS
ALDEN ELECTRONIC & IMPULSE RECORDING EQUIP. CO., Adv Pg 358 ... **P.O. Box 125, Westboro** ... **Mass**
Applied Electronics Co ... 213 E. Grand Ave, South San Francisco ... Cal
Canadian Marconi Co ... 2444 Trenton Ave. Montreal ... Que
CURTISS-WRIGHT CORP. PRINCETON DIV., Adv Pgs 382, 426, 494 ... **Princeton** ... **NJ**
ERA Pacific, Inc ... 1760 Stanford St. Santa Monica ... Cal
Emerson Electric Mfg. Co ... 8100 Florissant Ave. St. Louis 36 ... Mo
Electronic Research Assoc, Inc ... 67 Factory Pl, Cedar Grove ... NJ
General Coil Products Corp ... 147-12 Liberty Ave, Jamaica 35 ... NY
General Electronic Control, Inc ... 5901 Bloomington Frwy. Mnpls 20 ... Minn
Globe Electronics, Div. Textron Electronics, Inc. ... 22-30 S 34th St. Council Bluffs ... Iowa
Martin Co ... Mail No. G3037, Baltimore 3 ... Md
Minn-Honeywell, Ceramics Lab ... Box 440, Minneapolis 40 ... Minn
Pearce Simpson, Inc ... 2295 N.W. 14th St, Miami 35 ... Fla
RAYTHEON CO. COMMER APPAR & SYSTEMS DIV., Adv Pg 41 ... **225 Crescent St. Waltham 54** ... **Mass**
Straza Industries ... 790 Greenfield Dr. El Cajon ... Cal
Ultrasonic Systems Inc ... 2255 S Carmelina Ave. Los Angeles 64 ... Cal

DESICCANTS See DEHUMIDIFIERS – *CHEMICAL*
DETECTORS – *BREAK* See CONTROLS – *PHOTOELECTRIC*

DETECTORS – *FIRE, ELECTRONIC*
Avien, Inc ... 58-15 Northern Blvd. Woodside 77 ... NY
Edison Ind, Thos. A., Instr Div., McGraw-Edison Co ... 81 Lakeside Ave, West Orange ... NJ
ELECTRONIC PRODUCTS CORP., Adv Pgs 545, 546 ... **4642 Belair Rd. Baltimore 6** ... **Md**
Green Rectifier Co ... 1-10 30th St. Fair Lawn ... NJ
Kidde Ultrasonic & Detection Alarms Div. Walter Kidde & Co. Inc ... 477 Brighton Rd. Clifton ... NJ
Nugent Electronics Co. Inc ... 102 E 8th St. New Albany ... Ind
Scaico Controls Inc ... 210 Taylor St. Riverside ... NJ
Space Electronics Corp ... 930 Air Way, Glendale 1 ... Cal
Spectra Electronics Co ... 250 E. 3rd St, Mt. Vernon ... NY
Summit Electronics, Inc ... 7 Industrial Pl, Summit ... NJ
Topp Industries, Inc ... 5221 W. 102 St, Los Angeles 45 ... Cal
U. S. Nuclear Corp ... 801 N. Lake St, Burbank ... Cal
Victory Engineering Corp ... 101 Springfield Rd, Union ... NJ
Wintronics ... 213 S Hawthorne Blvd. Hawthorne ... Cal

DETECTORS – *FLAW & DEFECT, ELECTRONIC*
ALDEN ELECTRONIC & IMPULSE RECORDING EQUIP CO., Adv Pg 358 ... **P.O. Box 125, Westboro** ... **Mass**
Atronic Products, Inc ... 1 Bala Ave, Bala-Cynwyd ... Pa
Black Light Eastern Corp ... 4 Manhasset Ave. Port Washington ... NY
Branson Instruments Inc ... 37 Brown House Rd. Stamford ... Conn
Canadian Research Institute ... 85 Curlew Dr. Don Mills ... Ont
CURTISS-WRIGHT CORP. PRINCETON DIV., Adv Pgs 382, 426, 494 ... **Princeton** ... **NJ**
Delsen Corp ... 719 W. Broadway, Glendale 4 ... Cal
Magnaflux Corp ... 7328 W Lawrence Ave. Chicago ... Ill
NASH & HARRISON LTD., Adv Pg 526 ... **1355 Wellington St. Ottawa** ... **Ont**
Raytheon Co. Ind Components Div ... 55 Chapel St. Newton 58 ... Mass
Spectra Electronics Co ... 250 E. 3rd St, Mt. Vernon ... NY
Sunshine Scientific Instrument ... 1810 Grant Ave, Philadelphia 15 ... Pa
Ultrasonic Systems Inc ... 2255 S Carmelina Ave. Los Angeles 64 ... Cal
Whitehall Electronics Corp ... 1645 Hennepin Ave. Mnpls 3 ... Minn

DETECTORS – *FLAW, ULTRASONIC* See ULTRASONIC EQUIPMENT

DETECTORS – *GAS*
1. EXPLOSIVE 2. NONEXPLOSIVE

Automation Products Inc., 2 ... 3030 Max Roy St. Houston 24 ... Tex
Carad Corp., 1 ... 3381 Junipero Serra Blvd. Palo Alto ... Cal
CETRON ELECTRONICS CORP., 1, Adv Pg 379 ... **715 Hamilton, Geneva** ... **Ill**
Conrad-Carson Electronics Inc., 1-2 ... 1347 Broadway, El Cajon ... Cal
Devco Engineering, Inc., 1-2 ... Pier Lane W, Caldwell ... NJ
Elcon Lab. Inc., 1-2 ... 238 Main St. Cambridge 42 ... Mass
Electronic Applications, Inc., 1-2 ... 194 Richmond Hill Ave, Stamford ... Conn
Engelhard Industries Inc., 1 ... 113 Astor St. Newark 2 ... NJ
Erdco Engineering Corp., 1-2 ... Addison ... Ill
Farwest Mfg. Div. Inc., 1 ... 209 1st St. Seattle ... Wash
Flame Research, Inc., 1 ... P.O. Box 1059, Pittsburgh 35 ... Pa
General Electric Co. Light Military Electronics Dept., 1-2 ... French Rd, Utica ... NY
HOUSTON INSTRUMENT CORP., 1, Adv Pg 512 ... **Box 22234w, Houston 27** ... **Tex**
Industrial Instruments, Inc., 2 ... 89 Commerce Rd. Cedar Grove ... NJ
Mast Development Co. Inc., 2 ... 2212 E 12th St. Davenport 20 ... Iowa
Minicord Corp. of America, 1 ... 1913 Atlantic Ave. Atlantic City ... NJ
NATIONAL LEAD CO., 1, Adv Pg 557 ... **111 Broadway, New York 6** ... **NY**
RAYTHEON CO. COMMER APPAR & SYSTEMS DIV., 1, Adv Pg 41 ... **225 Crescent St. Waltham 54** ... **Mass**
Ridgefield Instrument Group, Schlumberger Corp., 1-2 ... Box 337, Ridgefield ... Conn
Sunshine Scientific Instrument, 2 ... 1810 Grant Ave. Philadelphia 15 ... Pa
Turner Corp., 2 ... 821 Park Ave, Sycamore ... Ill
Weber Electronics, Inc., 1-2 ... Hancock & Somerset, Philadelphia 33 ... Pa
Wright Electronics, 1 ... 2537 Grand, Kansas City ... Mo

DETECTORS – *INFRARED* See INFRARED DEVICES

DETECTORS – *INTRUSION*
Kidde Ultrasonic & Detection Alarms Div. Walter Kidde & Co. Inc ... 477 Brighton Rd. Clifton ... NJ
Photobell Co. Inc ... 12 E 22 St. New York 10 ... NY
Spectra Electronics Co ... 250 E. 3rd St, Mt. Vernon ... NY
Wintronics ... 213 S Hawthorne Blvd. Hawthorne ... Cal

DETECTORS – *LEAK*
1. RADIOACTIVE TRACER TYPE 2. VACUUM SYSTEM 3. WATER

A. O. I. P., 1 ... 23 Pl. Jeanne d'Arc, Paris 13 ... Fr
Anton Electronic Labs Inc. Div. Lionel Corp., 1 ... 1226 Flushing Ave. Brooklyn 37 ... NY
Associated Engineering & Mfg Corp., 2 ... Glen Rock ... NJ
Baird-Atomic Inc., 1 ... 33 University Rd. Cambridge 38 ... Mass
Blacklight Corp of America, 3 ... 5112 Walnut Grove Ave. San Gabriel ... Cal
Conrad-Carson Electronics Inc., 3 ... 1347 Broadway, El Cajon ... Cal
Consolidated Electrodynamics Corp., 1-2 ... 360 N Sierra Madre Villa, Pasadena ... Cal
Crosby Teletronics Corp., 2 ... 54 Kinkel St. Westbury ... NY
Elcon Lab. Inc., 2 ... 238 Main St. Cambridge 42 ... Mass
Electronic Oxide Corp., 2 ... 126 Jackson St. Cambridge 40 ... Mass
ELECTROSPACE CORP., 2, Adv Pg 378 ... **99 E Hawthorne Ave. Valley Stream** ... **NY**
Gates & Co., George W, 3 ... Hempstead Tpke & Lucille Ave, Franklin Square ... NY
Land-Air, Inc., 2 ... 7444 W Wilson Ave. Chicago 31 ... Ill
Molectronics Div. Matec Ind. Inc., 2 ... 6344 Arizona Cir. Los Angeles 45 ... Cal
Radiation Research Corp., 2 ... 1150 Shames Dr. Westbury ... NY
Radiation Technology, Inc., 1 ... 657 Antone St. NW Atlanta 18 ... Ga
STOKES CORP., F. J., 2, Adv. Pgs. 249-252 ... **5500 Tabor Rd. Phila 20** ... **Pa**
Temperature Engineering Corp., 2 ... 1500 Temple Blvd. Riverton ... NJ
Tracerlab, Inc., 1 ... 1601 Trapelo Rd. Waltham 54 ... Mass
Twentieth Century Electronics Ltd., 2 ... King Henry's Dr. New Addington, Surrey ... Eng
Ulmer Co., H. W., 2 ... 2941 San Luis Rey Rd. Oceanside ... Cal
Ultra-Violet Products, Inc., 3 ... 5114 Walnut Grove Ave. San Gabriel ... Cal
VACTRONIC LAB. EQUIPMENT, INC., 2, Adv Pg 560 ... **21 Mamouth Ct. East Northport** ... **NY**
Vacuum - Electronics Corp., 2 ... Terminal Dr. Plainview ... NY
VICTOREEN INSTRUMENT CO. COMPONENTS DIV., 1 Adv Pgs 466, 493 ... **5806 Hough Ave. Cleveland 3** ... **Ohio**
Wright Electronics, 1 ... 2537 Grand, Kansas City ... Mo

DETECTORS – *METAL, ELECTRONIC*
1. BURIED 2. INDUSTRIAL 3. MEDICAL 4. UNDERWATER

AIRPAX ELECTRONICS INC. SEMINOLE DIV., 4, Adv Pg 106 ... **Fort Lauderdale** ... **Fla**
Allis Chalmers Mfg. Co., 2 ... 935 S. 70th St, Milwaukee 1 ... Wisc
American Research & Mfg. Corp., 1-4 ... 920 Halpine Ave. Rockville ... Md
Ascco Div of Electro-Mechanical Research, Inc., 2 ... Box 44, Princeton ... NJ
Berman Labs., 3 ... 112-03 Rockaway Blvd. Ozone Pk 20 ... NY
Blacklight Corp of America, 2 ... 5112 Walnut Grove Ave. San Gabriel ... Cal
Brillinger Labs, Inc., E. W., 2 ... 86 Fulton St, New York 38 ... NY
Canadian Research Institute, 1-2-3 ... 85 Curlew Dr. Don Mills ... Ont
Crescent Engineering & Research Co., 2-3 ... 5440 N Peck Rd, El Monte ... Cal
Dice Co., J.W., 2 ... Englewood ... NJ
Electro-Mechanical Research, Inc., 2 ... Box 3041, Sarasota ... Fla
Electro Products Labs, Inc., Transducer., 2 ... 4501 N Ravenswood, Chicago 40 ... Ill
Engineer-Design & Development Co., 2-3 ... 60 Pennington St. Newark 2 ... NJ
Gardiner Electronics, 1-2-4 ... 2545 E. Indian School Rd, Phoenix ... Ariz
Goldak Co., Inc., 1-2-4 ... Dept. E, 1544 W. Glenoaks, Glendale 1 ... Cal
Gulton Industries, Inc., 3-4 ... 212 Durham Ave, Metuchen ... NJ
Harworth Mfg. Co., 3 ... 409 El Camino Real, Menlo Park ... Cal
Instrument Corp of America, 2 ... 516 Glenwood Ave. Baltimore 12 ... Md
Instrument Laboratories, 1 ... 315 W Walton Pl. Chicago 10 ... Ill
Lumen, Inc., 2 ... Box 905, Joliet ... Ill
Machinery Electrification, Inc., 2 ... 56 Hudson St. Northboro ... Mass
Magnaflux Corp., 1-4 ... 7328 W Lawrence Ave. Chicago 31 ... Ill
Martin Co., 4 ... Mail No. G3037, Baltimore 3 ... Md
MASSA DIV. COHU ELECTRONICS, INC., 4, Adv Pgs 442, 443 ... **280 Lincoln St. Hingham** ... **Mass**
Minn-Honeywell, Ceramics Lab., 4 ... Box 440, Minneapolis 40 ... Minn
Osborne Research Labs., 1-3 ... Box 1435, Santa Barbara ... Cal
Par Products Corp., 3 ... 682 Colorado Ave. Santa Monica ... Cal
Philco Corp. Govt & Ind Div., 4 ... 4700 Wissahickon Ave. Phila 44 ... Pa
Photobell Co. Inc., 2 ... 12 E 22 St. New York 10 ... NY
Ram Electronics, Inc., 3-4 ... 600 Industrial Ave, Paramus ... NJ
Rank Cintel Ltd., 1-2-3-4 ... Worsley Bridge Rd, London S.E. 26, England
Raytheon Co. Govt Mktg., 4 ... Lexington 73 ... Mass
Ryan Electronics Div. Ryan Aero. Co., 4 ... 5650 Kearny Mesa Rd. San Diego 12 ... Cal
SANDERS ASSOCIATES INC., 4, Adv Pg 380 ... **95 Canal St. Nashua** ... **NH**
Space Electronics Corp., 1 ... 930 Air Way, Glendale 1 ... Cal

Trans[illegible], Inc., 1	1601 Trapelo Rd. Waltham 54	Mass
Ultrasonic Systems Inc., 4	2255 S Carmelina Ave. Los Angeles 64	Cal
Ultra-Violet Products, Inc., 2	5114 Walnut Grove Ave. San Gabriel	Cal
Westinghouse-Gen Purpose Controls Dept., 2	Buffalo	NY
Whitehall Electronics Corp., 2-3	1645 Hennepin Ave. Mnpls 3	Minn
[illegible]tronics	213 S Hawthorne Blvd. Hawthorne	Cal

DETECTORS -*MICROWAVE* See BOLOMETERS: DIODES -*CRYSTAL*

DETECTORS -*MICROWAVE. COMPLETE ASSEMBLIES*
1. FIXED TUNED 2. TUNABLE

Airtec, Inc., 1-2	139 E. First Ave, Roselle	NJ
AMERICAN ELECTRONIC LABS. INC., 1, Adv Pg 362	**121 N 7th St. Philadelphia 6**	**Pa**
ARRA CORP., 2, Adv Pg 498	**27 Bond St. Westbury**	**NY**
Artted Co. Inc., 1-2	367 Worthington St. Springfield 3	Mass
BUDD STANLEY CO. INC., 1-2, Adv Pg 313	**175 Eileen Way, Syosset**	**NY**
CWS Waveguide Corp., 1-2	301 W Hoffman Ave. Lindenhurst	NY
CONTROL ELECTRONICS CO. INC., 1-2, Adv Pg 444	**10 Stepar Pl. Huntington Sta**	**NY**
DeMORNAY-BONARDI CORP., 1-2, Adv. Pgs. 178, 179	**780 S Arroyo Pkwy. Pasadena**	**Cal**
Diamond Antenna & Microwave Corp., 1-2	River St, Winchester	Mass
Dielectric Products Engrg. Co. Inc., 1-2	Raymond	Me
FXR INC., 1-2, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Frequency Standards, Div., Harvard Industries, Inc., 1-2	P.O. Box 504, Asbury Park	NJ
General Communication Co., 1	677 Beacon St, Boston 15	Mass
General Microwave Corp., 1-2	47 Gazza Blvd. Farmingdale	NY
HEWLETT-PACKARD CO., 1-2, Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
Kearfott Div. Gen. Precision Inc. Microwave Prods., 1-2	14844 Oxnard St. Van Nuys	Cal
LIECO INC., 1-2, Adv Pg 398	**150 Eileen Way, Syosset**	**NY**
M.C.S. Corp., 1-2	1001 S Mountain Ave. Monrovia	Cal
Maury & Associates, 1	10373 Mills Ave. Montclair	Cal
[illegible], Inc., 1-2	[illegible] Millergrove Dr, Whittier	Cal
Merrimac Research & Dev. Inc., 1	517 Lyons Ave. Irvington	NJ
MICROLAB, 1-2, Adv Pg 356	**570 W Mt. Pleasant Ave. Livingston**	**NJ**
Microphase Corp., 1-2	River Rd. Cos Cob	Conn
Microwave Associates, Inc., 1-2	Burlington	Mass
Microwave Development Labs. Inc., 1-2	15 Strathmore Rd. Natick	Mass
Microwave Semiconductor & Inst. Inc., 1-2	116-06 Myrtle Ave. Richmond Hill 18	NY
OMEGA LABORATORIES INC., 1-2, Adv Pg 226	**Box 309, Rowley**	**Mass**
Precision Microwave Corp., 1-2	Main St, Millis	Mass
R.L.C. Electronics, Inc., 1-2	325 Mamaroneck Ave. Mamaroneck	NY
RADAR MEASUREMENTS CORP., 1-2 Adv Pg 516	**190 Duffy Ave, Hicksville**	**NY**
ROHDE & SCHWARZ, USA INC., 2, Adv Pg 403	**Box 275, Passaic**	**NJ**
Sage Laboratories, Inc., 1-2	3 Huron Dr. East Natick	Mass
Sigma Electronics Research Corp., 1-2	1573[illegible] Ambaum Blvd. Seattle 6	Wash
Sperry Microwave Electronics Co., 1-2	P.O. Box 1828, Clearwater	Fla
TELERAD DIV. LIONEL CORP., 1-2, Adv Pgs 220, 221	**Rt 69, Flemington**	**NJ**
Waveline, Inc., 1-2	P.O. Box 718, Caldwell	NJ
WEINSCHEL ENGINEERING CO., INC., 1 Adv Pgs 51-54, 55	**10503 Metropolitan Ave, Kensington**	**Md**
Wright Electronics, 1-2	2537 Grand, Kansas City	Mo

DETECTORS -*NULL* See INDICATORS -*NULL*
DETECTORS -*RADIATION* See COUNTERS -*NUCLEAR PARTICLE*

DETECTORS -*SMOKE. ELECTRONIC*

Bailey Meter Co	1050 Ivanhoe Rd. Cleveland 10	Ohio
Bristol Co	Box 1790 EBG, Waterbury 20	Conn
Cerberus AG	Mannedorf, Switzerland	
Electro-Radar Products	4806 W. Chicago Ave, Chicago 51	Ill
Green Rectifier Co	1-10 30th St. Fair Lawn	NJ
Kidde Ind. & Marine Div. Walter Kidde & Co. Inc.	477 Main St. Belleville 9	NJ
Singer-Bridgeport Div. Singer Mfg Co	915 Pembroke St. Bridgeport 8	Conn
Tele-Smoke Corp	17 Ward St, Bloomfield	NJ
Topp Industries, Inc	5221 W. 102 St, Los Angeles 45	Cal
U. S. Nuclear Corp	801 N. Lake St, Burbank	Cal
Wells Industries Corp	5[illegible]0 Troost Ave. Hollywood	Cal
Wright Electronics	2537 Grand, Kansas City	Mo

DETECTORS -*STANDING-WAVE*
1. MICROWAVE 2. R-F

Airtec, Inc., 1	139 E. First Ave, Roselle	NJ
ALFORD MFG. CO., 1-2, Adv Pg 78	**299 Atlantic Ave. Boston**	**Mass**
Allied Radio Corp., 2	100 N Western Ave. Chicago 80	Ill
Antenna Products Co. Div. All Products Co., 2	Box 110, Mineral Wells	Tex
Artted Co. Inc., 2	367 Worthington St. Springfield 3	Mass
Avien Electronics, Inc., 1-2	1755 Berkeley St. Santa Monica	Cal
Berns Television Associates, Ltd., 2	27 Taber Rd. Rexdale, Ont	Can
BIRD ELECTRONIC CORP., 2, Adv Pg 239	**30303 Aurora Rd. Cleveland 39**	**Ohio**
Bogart Mfg Corp., 1-2	315 Seigel St. Brooklyn 6	NY
Borg-Warner Controls, Div. Borg-Warner Corp., 1-2	3300 Newport Blvd. Santa Ana	Cal
BUDD STANLEY CO. INC., 1, Adv Pg 313	**175 Eileen Way, Syosset**	**NY**
C W S Waveguide Corp., 1	301 W. Hoffman Ave, Lindenhurst	NY
Canadian Marconi Co., 1	2444 Trenton Ave. Montreal	Que
DeMORNAY-BONARDI CORP., 1, Adv. Pgs. 178, 179	**780 S Arroyo Pkwy. Pasadena**	**Cal**
Diamond Antenna & Microwave Corp., 1-2	River St, Winchester	Mass
Dielectric Products Engrg. Co. Inc., 1-2	Raymond	Me
DOUGLAS MICROWAVE CO. INC., 1-2, Adv Pg 235	**252 E 3rd St. Mt Vernon**	**NY**
EMI/US Ltd., 1	1750 N Vine St. Los Angeles 28	Cal
FXR INC., 1-2, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Frequency Standards Div. Harvard Industries Inc., 1	Box 504, Asbury Park	NJ
Gabriel Electronics Div., Gabriel Co., The, 1	Main & Pleasant Sts, Millis	Mass
General Microwave Corp., 1-2	47 Gazza Blvd. Farmingdale	NY
General Radio Co., 1	West Concord	Mass
Gratum Mfg. Co., Inc., 1	470 Bridge St, East Greenwich	RI
HEWLETT-PACKARD CO., 1-2, Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
Johnson Co., E.F., 2	Waseca	Minn
JONES ELECTRONICS CO. INC., M. C., SUB. BENDIX CORP., 1-2 Adv Pg 131	**185 N Main St. Bristol**	**Conn**
KAY ELECTRIC CO., 2 Adv Pg 347, 348	**Maple Ave. Pine Brook**	**NJ**
KEARFOTT DIV., GEN PRECISION INC., 1 Adv Pg 394	**Little Falls**	**NJ**

LIECO INC., 1, Adv Pg 398	**150 Eileen Way, Syosset**	**NY**
M.C.S. Corp., 1	1001 S Mountain Ave. Monrovia	Cal
Maury & Associates, 1-2	10373 Mills Ave. Montclair	Cal
Microtech, Inc., 1	Wildcat Rd. Cheshire	Conn
Microwave Associates, Inc., 1-2	Burlington	Mass
Microwave Components, Inc., 1	Doylestown	Pa
Microwave Dynamics Corp., 1-2	5 Fairchild Ct. Plainview	NY
Narda Microwave Corp., 1	Plainview	NY
Nicrolis Products Co., 1-2	323 W Main St. Moorestown	NJ
OMEGA LABORATORIES INC., 1, Adv Pg 226	**Box 309, Rowley**	**Mass**
PRD ELECTRONICS, INC., 1, Adv. Pgs. 113-116	**202 Tillary St. Brooklyn 1**	**NY**
PORTCHESTER INSTRUMENT CORP., 1, Adv Pg 468	**114 Wilkins Ave. Port Chester**	**NY**
R.L.C. Electronics, Inc., 1	925 Mamaroneck Ave. Mamaroneck	NY
RADAR DESIGN CORP., 1 Adv Pg 471	**Pickard Dr. Syracuse 11**	**NY**
RADAR MEASUREMENTS CORP., 1-2 Adv Pg 516	**190 Duffy Ave, Hicksville**	**NY**
RIXON ELECTRONICS INC., 2, Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
ROHDE & SCHWARZ, USA INC., 1-2, Adv Pg 403	**P.O. Box 275, Passaic**	**NJ**
Ryan Electronics Div. Ryan Aero. Co., 1	5650 Kearny Mesa Rd. San Diego 12	Cal
Sage Laboratories, Inc., 1	3 Huron Dr, Natick	Mass
SANDERS ASSOCIATES INC., 1, Adv Pg 380	**95 Canal St. Nashua**	**NH**
SHIMADA PHYSICAL & CHEMICAL INDUSTRIAL CO., 1 Adv Pg 258	**415 Shibazakicho.chofu-city, Tokyo**	**Jap**
Sigma Electronics Research Corp., 1	1573[illegible] Ambaum Blvd. Seattle 6	Wash
Singer-Bridgeport Div. Singer Mfg Co., 2	915 Pembroke St. Bridgeport 8	Conn
Sperry Microwave Electronics Co., 1	P.O. Box 1828, Clearwater	Fla
TRG Inc., 1	9 Union Sq. Somerville	Mass
United Shoe Machinery Corp., 1	140 Federal St. Boston	Mass
Victor R.F. & Microwave Co., 1-2	36 Water St. Wakefield	Mass
Waveline, Inc., 1	P.O. Box 718, Caldwell	NJ
WEINSCHEL ENGINEERING CO., INC., 1-2 Adv Pgs 51-54, 55	**10503 Metropolitan Ave. Kensington**	**Md**

DETECTORS -*VIBRATION* See INDICATORS -*VIBRATION*
DEVIATION BRIDGES See BRIDGES
DEW-POINT INDICATORS See INDICATORS -*DEW POINT*
DIAGNOSTIC EQUIPMENT -*COMPUTER* See TESTERS -*COMPUTER*
DIAGNOSTIC EQUIPMENT -*MEDICAL* See DESIRED INSTRUMENT
DIAL CORDS See CORDS -*DIAL*
DIAL CRYSTALS See WINDOWS -*DIAL*
DIAL DRIVE BELTS See BELTS
DIAL LAMPS See LAMPS
DIAL LOCKS See LOCKS -*DIAL*
DIAL POINTERS See POINTERS -*DIAL*

DIALS
1. INSTRUMENT 2. PRECISION 3. TURNS-COUNTING

Ackerman Engravers Inc., 1-2	458 Broadway, New York	NY
Acromark Co., The, 1-2	323 Morrell St, Elizabeth 4	NJ
Allegri-Tech Inc., 1	141 River Rd. Nutley 10	NJ
Amerac, Inc., 3	Dunham Rd, Beverly	Mass
Apothecary Corp., 1-2	1312 Boylston St, Boston	Mass
BORG EQUIPMENT DIV. AMPHENOL-BORG ELECTRONICS CORP., 3 Adv Pg 164	**120 S Main, Janesville**	**Wis**
Brady Co., W.H., 1	727 West Glendale Ave, Milwaukee 12	Wisc
Canadian Radium & Uranium Corp., 1-2-3	630 Fifth Ave, New York 20	NY
Chicago Thrift-Etching Corp., 1-2	1555 N Sheffield Ave. Chicago 22	Ill
Cortland Industries, Inc., 1	4545 Cortland St. Chicago 39	Ill
Cortland Industries, Inc., 1	4545 Cortland St. Chicago 39	Ill
Croname, Inc., 1-2	6247 Howard St, Chicago 48	Ill
Davies Molding Co., Harry, 1	1428 N Wells, Chicago 10	Ill
Dietz Co., Inc., Henry G., 1	12-16 Astoria Blvd, Long Island City 2	NY
Duncan Electronics, Inc., 3	2865 Fairview Rd. Costa Mesa	Cal
Dura Plastics of New York, Inc., 1-2	303 Fifth Ave, New York 16	NY
Duralith Corp., 1	1725 Race St, Philadelphia 7	Pa
Electro-Chemical Engraving Co Inc., 1	1100 Brook Ave, New York 56	NY
Electro-Mechanical Instrument Co., 1	813 Chestnut St. Perkasie	Pa
ELECTROSPACE CORP., 1, Adv Pg 378	**99 E Hawthorne Ave. Valley Stream**	**NY**
Emeloid Co. Inc., 1-2	1239 Central Ave, Hillside 5	NJ
Etching Corp. of Cal. Div. Allegri-Tech Inc., 1-2	865 Hinckley Rd. Burlingame	Cal
Eugene Engineering Co., Inc., 1-2	1217 Hyde Park Ave, Hyde Park 36	Mass
Feay Co., Neal, 1-2	133 La Patera Ave, Goleta	Cal
Fisher & Crowe, 1	107 N. Camac St, Philadelphia 7	Pa
General Communication Co., 2	677 Beacon St, Boston 15	Mass
GREENE ELECTRONICS INC., 1-2, Adv Pg 432	**1840 Cranston St. Cranston 9**	**RI**
Helipot Div. Beckman Instruments Inc., 1-2-3	2500 Harbor Blvd. Fullerton	Cal
HOWELL INSTRUMENTS INC., 3, Adv Pg 358	**3479 W Vickery Blvd. Fort Worth 7**	**Tex**
Industrial Engravers, Inc., 1-2	2212 McDonald Ave, Brooklyn 23	NY
International Resistance Co	401 N Broad St. Philadelphia 8	Pa
Jackson Bros (London) Ltd., 1-2	258 Broadway, New York 7	NY
Jan Hardware Mfg Co. Inc., 1	39-01 Queens Blvd. Long Island City 1	NY
Johnson Co., E.F., 1-3	Waseca	Minn
Kerrco Inc., 1	Box 4178, Havelock Sta. Lincoln 7	Neb
Kilo Engineering Co., 1-2-3	2011 Third St, La Verne	Cal
Kollsman Instrument Corp Sub Standard Kollsman Ind Inc., 1	80-08 45th Ave. Elmhurst 73	NY
Kurz-Kasch, Inc., 1	1421 S Broadway, Dayton 1	Ohio
Leyse Aluminum Co., 1-2	Kewaunee	Wis
Metalphoto of Cincinnati, 1-2	7 E. 75 St, Cincinnati	Ohio
Millen Mfg. Co., James, 1-3	150 Exchange St. Malden	Mass
Monroe Industries, Inc., 1-2-3	932 36 St S.E., Grand Rapids 8	Mich
Muirhead & Co., Ltd., 2-3	Beckenham, Kent, England	
NATIONAL RADIO CO., 1-2, Adv Pg 499	**37 Washington St. Melrose 76**	**Mass**
New England Etching Co. Inc., 1	25 Spring St. Holyoke	Mass
North Electric Co., 2	553 S Market St. Galion	Ohio
Oki & Willadsen Ltd., 1-2	47 Crockford Blvd, Toronto 16, Ontario, Canada	
P I C Design Corp. Sub. Benrus Watch Co., 1-2	477 Atlantic Ave. E Rockway	NY
Pearce Simpson, Inc., 1	2295 NW 14th St. Miami 35	Fla
PENNWOOD NUMECHRON CO., 1-2 Adv Pg 550	**7249 Frankstown Ave. Pittsburgh 8**	**Pa**
Precision Engraving Co., 1-2	13 Ridgedale Ave. Hanover	NJ
Printloid Inc., 1-2	10-04 44th Ave, Long Island City 1	NY
ROGAN BROTHERS, 1, Adv Pg 555	**8031 N Monticello Ave. Skokie**	**Ill**
Ross Co., Milton, 1	2[illegible] Jacksonville Rd, Hatboro	Pa
Sillcocks-Miller Co., 1-2	Maplewood	NJ
Smith, Inc., Herman H., 1	2326 Nostrand Ave, Brooklyn 10	NY
Sterling Instrument Div., 1-2	17 Matinecock Ave. Port Washington	NY
Sun Dial Corp., 1-2-3	E. Passaic Ave, Caldwell	NJ
Sunshine Scientific Instrument, 1	1810 Grant Ave. Philadelphia 15	Pa
Swenson Co., Inc., V.H., 1	552 Elm St. Kearny	NJ
Tablet & Ticket Co., 1	1021 W Adams St. Chicago 7	Ill
Technicraft Co., 1	1156 Commonwealth Ave, Boston 34	Mass
TECHNOLOGY INSTRUMENT CORP. OF ACTON, 2, Adv Pgs 84, 85	**536 Main St. Acton**	**Mass**
Theta Instrument Corp., 1-2-3	520 Victor St. Saddle Brook	NJ
Unisco, Inc., 1	1081 Linden Ave. Ridgefield	NJ
United Fabricators Electronics, Inc., 1	Stillwater	Minn
U S RADIUM CORP., 1-2-3, Adv Pg 200	**Box 246, Morristown**	**NJ**
Veraline Products Co., 1-2-3	Box 1 - E[illegible], Franklin Lakes	NJ
Waldom Electronics, Inc., 1-2	4625 W. 53rd St, Chicago 32	Ill

DIAL WINDOWS See WINDOWS -*DIAL*
DIAMOND ABRASIVES See ABRASIVES
DIAMOND SAWS See WHEELS -*DIAMOND*
DIAMOND STYLI See NEEDLES

DIAPHRAGMS
1. GENERAL-PURPOSE 2. MICROPHONE 3. SPEAKER

AIWA CO. LTD., 2-3, Adv Pg 264	**4 Kotesakuma-cho, Kanda Chiyoda-ku, Tokyo**	**Jap**
Burton Instruments, Div Burton Mfg., 1	2520 Colorado Ave, Santa Monica	Cal
Colvin Labs., Inc., 1	364 Glenwood, East Orange	NJ
Gennix Corp. Industrial Div., 1-2	1200 Commerce Ave. Union	NJ
Hawley Products Co., 2-3	St. Charles	Ill
Joclin Mfg Co., 1	9 Lufbery Ave. Wallingford	Conn
Kressilk Products, Inc., 1-2-3	73 Murray St. New York 7	NY
Molded Insulation Co., 1	335 E Price St. Philadelphia 44	Pa
National Gasket & Washer Mfg. Co. Inc., 1-2-3	124 E 25 St. New York 10	NY
Rubbercraft Corp of Calif., 1	1800 W 207 St. Torrance	Cal
University Loudspeakers Inc., 3	80 S Kensico Ave. White Plains	NY
Vernay Labs. Inc., 1	Yellow Springs	Ohio
Waldom Electronics, Inc., 3	4625 W. 53rd St, Chicago 32	Ill
Welsh Co. Inc., W. H., 3	2241 Indiana Ave. Chicago	Ill

DIATHERMY & DIATHERMY ACCESSORIES

BIRTCHER CORP., Adv Pg 489	**4371 Valley Blvd. Los Angeles 32**	**Cal**
Fischer & Co., R.A	517 Commercial St, Glendale 3	Cal
West Short Wave Diathermy Co	2738 Whittier Blvd, Los Angeles 23	Cal
Mercator High Frequency Labs	13 E. Fort Lee Rd, Bogota	NJ
National Gasket & Washer Mfg. Co. Inc	124 E 25 St. New York 10	NY

DIELECTRIC-CONSTANT INDICATORS See TESTERS -*CAPACITOR*
DIELECTRIC HEATERS See HEATERS -*ELECTRONIC*

DIELECTRICS -*LIQUID* See Also COOLANTS -*DIELECTRIC LIQUID*

Dow Corning Corp	Midland	Mich
National Gasket & Washer Mfg. Co. Inc	124 E 25 St. New York 10	NY
Silicones Div., UCC	270 Park Ave. New York 17	NY

DIELECTRICS -*SOLID* See CERAMICS: FILMS: GLASS: MICA: PAPER: PLASTICS: TITANATES

DIES

Di-Acro Corp	533 8th Ave. Lake City	Minn
Everard Tap & Die Corp	213 E. 144th St, New York 51	NY
I. E. Manufacturing	3041 Carroll, Chicago 12	Ill
Norris Co., J. I.	374 Elm St. Stoughton	Mass
Pearce Simpson, Inc	2295 NW 14th St. Miami 35	Fla
Ross Co., Milton	119 Jacksonville Rd. Hatboro	Pa
Shawmut Engineering Co	195 Freeport St. Boston	Mass
Sheffield Corp. Sub Bendix Corp	Box 893, Dayton 1	Ohio
WALES STRIPPIT INC. UNIT HOUDAILLE IND. INC., Adv Pg 50	**Akron**	**NY**
Whistler & Sons, Inc., S.B.	752 Military Rd, Buffalo 23	NY
Whitney Metal Tool Co	72[illegible] Forbes St. Rockford	Ill

DIFFERENTIAL AMPLIFIERS See AMPLIFIERS -*INSTRUMENTATION*
DIFFERENTIAL TRANSFORMERS See TRANSFORMERS -*IRON-CORE. SPECIAL*
DIFFERENTIATING AMPLIFIERS See AMPLIFIERS -*COMPUTER*
DIGITAL ANALYZERS See ANALYZERS -*DIFFERENTIAL*
DIGITAL COMPARATORS See COMPARATORS
DIGITAL COMPUTER PARTS See *SUMMARY UNDER* COMPUTER PARTS
DIGITAL COMPUTERS See COMPUTERS -*GENERAL-PURPOSE*: COMPUTERS -*SPECIAL*
DIGITAL COMPUTING SERVICES See COMPUTING SERVICES
DIGITAL DELAY LINES See DELAY LINES
DIGITAL DISPLAYS See INDICATORS -*DIGITAL*
DIGITAL ENCODERS See ENCODERS
DIGITAL INPUT OSCILLATORS See OSCILLATORS
DIGITAL OHMMETERS -See OHMMETERS
DIGITAL PLOTTERS See PLOTTERS
DIGITAL PRINTERS See PRINTERS
DIGITAL READOUTS See INDICATORS -*DIGITAL*
DIGITAL RECORDERS See PRINTERS: RECORDERS -*MAGNETIC TAPE*
DIGITAL-TO-ANALOG CONVERTERS See CONVERTERS -*COMPUTER*
DIGITAL-TO-ANALOG DECODERS See DECODERS
DIGITAL TOTALIZERS See TOTALIZERS
DIGITAL VOLTMETERS See VOLTMETERS
DIMENSION CONTROLS See CONTROLS -*DIMENSION*
DIMENSION GAGES See GAGES -*DIMENSION*
DIODE BASES See BASES -*DIODE & TRANSISTOR*
DIODE CAPACITORS See CAPACITORS -*VARIABLE, VOLTAGE VARIABLE*
DIODE CASES See CASES -*DIODE & TRANSISTOR*
DIODE HOLDERS See HOLDERS
DIODE-MANUFACTURING MACHINES See MACHINES -*DIODE & TRANSISTOR MANUFACTURING*
DIODE MOUNTS See MOUNTS -*CRYSTAL. MICROWAVE*

DIODES -*CRYSTAL*
1. GERMANIUM
2. HIGH CURRENT
3. INTERMETALLIC
4. MIXER & DETECTOR, MICROWAVE
5. PHOTO (LIGHT-SENSITIVE)
6. SILICON
7. SILICON POWER
8. SWITCHING & CONTROL
9. SWITCHING, VERY HIGH SPEED
10. SWITCHING, FOUR-LAYER
11. TEMPERATURE-LIMITED
12. TUNNEL
13. ZENER REFERENCE
See Also RECTIFIERS -*SEMICONDUCTOR, CONTROLLED*

Airtron, Div of Litton Industries, 4-12	200 E Hanover Ave. Morris Plains	NJ

Allis-Chalmers Mfg Co., 7 — 935 S 70th St. Milwaukee 1 — Wis
American Elite, Inc. (Telefunken), 1 — 48-50 34 St, Long Island City — NY
American Radio Co. Inc., 1-5-6-13 — 445 Park Ave. New York 22 — NY
American Rectifier Corp., 7 — 95 Lafayette St. New York 13 — NY
AMPEREX ELECTRONIC CORP., 1-2-5-6-7-8-9-10-13, Adv. Pgs. 214-217 — **230 Duffy Ave. Hicksville** — **NY**
ARRA CORP., 4, Adv Pg 498 — **27 Bond St. Westbury** — **NY**
Bendix Corp. Red Bank Div. Semiconductor Products, 1-2-3-4-5-6-7 — Holmdel — NJ
Bogue Electric Mfg. Co., 6-7 — 52 Iowa Ave, Paterson 3 — NJ
Bradley Semiconductor Corp., 2-6-7 — 275 Welton St. New Haven — Conn
BRITTON ELECTRONICS CORP., 1-2-6-13, Adv Pg 460 — **19 Warren Pl. Mt Vernon** — **NY**
Burroughs Corp. Electronic Components Div., 6 — Box 1226, Plainfield — NJ
CBS Electronics, A Div. C B S Inc., 1-4-6-8-9-12 — 100 Endicott St. Danvers — Mass
CETRON ELECTRONICS CORP., 5, Adv Pg 379 — **715 Hamilton, Geneva**
CLEVITE TRANSISTOR, 1-6-9, Adv Pg 143 — **200 Smith St. Waltham 54** — **Mass**
Columbus Electronics Corp., 2-6-7 — 1010 Saw Mill River Rd. Yonkers — NY
Continental Device Corp., 6-8-9-13 — 12515 Chadron Ave, Hawthorne — Cal
Controls Co of America, Electron Div., 6-7-8-9-10-11-13 — 811 N Broadway Rd. Tempe — Ariz
CORNELL-DUBILIER ELECTRONICS DIV. FED PACIFIC ELEC CO., 7, Adv Pgs 148, 149 — **50 Paris St. Newark 1** — **NJ**
Delco Radio Div. GMC, 12 — 700 E Firmin St. Kokomo — Ind
DeMORNAY-BONARDI CORP., 4, Adv. Pgs. 178, 179 — **780 S Arroyo Pkwy. Pasadena** — **Cal**
Dickson Electronics Corp., 6-7-13 — 248 Wells Fargo Ave. Scottsdale — Ariz
Diodes Inc., 2-6-7 — 7303 Canoga Ave. Canoga Park — Cal
E & M Laboratories, 4 — 7145 Califa St. Van Nuys — Cal
Electro Radiation Inc., 5 — 11456 W Pico Blvd. Los Angeles 64 — Cal
Electronic Devices, Inc., 6-7 — 50 Webster Ave, New Rochelle — NY
ERIE RESISTOR CORP., 1-2-6-7-8-9, Adv Pgs 280, 281 — **644 W 12th St. Erie 6** — **Pa**
FXR INC., 1-4, Adv Pgs 100, 101 — **25-26 50th St. Woodside 77** — **NY**
FAIRCHILD SEMICONDUCTOR CORP., 2-4-5-6-8-9, Adv Pg 336 — **545 Whisman Rd. Mountain View** — **Cal**
Fansteel Metallurgical Corp., 13 — 2200 Sheridan Rd. N Chicago — Ill
Finney Co., 1-6 — 34 W. Interstate, Bedford — Ohio
General Electric Co. Semiconductor Products Dept., 1-6-7-10-12 — Electronics Park Bldg. Liverpool — NY
General Instrument of Canada Ltd., 6-7-8-13 — 151 Weber St. S, Waterloo — Ont
GENERAL INSTRUMENT CORP. SEMICONDUCTOR DIV., 1-2-6-7-8-9-12-13, Adv Pg 278, 279 — **65 Gouverneur St. Newark 4** — **NJ**
Gorham Electronics Div. Gorham Corp., 4 — 333 Adelaide Ave. Providence 7 — RI
Hoffman Electronics Corp. Semiconductor Div., 5-6-7-8-9-10-11-12-13 — 1001 N Arden Dr. El Monte — Cal
Hughes Microwave Components Div., 1-6-12-13 — Florence & Teale, Culver City — Cal
Hughes Semiconductor Div., 1-2-6-7-8-9-11 — P.O. Box 278, Newport Beach — Cal
ITT Components Div Semiconductor Div, 1-6-7-12 — Box 412, Clifton — NJ
International Diode Corp., 1-2-8-9 — 90 Forrest St. Jersey City 4 — NJ
International Electronics Corp. (Mullard Equip), 1-5-6 — 81 Spring St. New York 12 — NY
INTERNATIONAL RECTIFIER CORP., 6-7-13, Adv Pgs 62, 63 — **233 Kansas St. El Segundo** — **Cal**
Kemtron Electron Products, Inc., 1-4-6-7 — 5 Prince Pl, Newburyport — Mass
MicroSemiconductor Corp., 6-9 — 11250 Playa Ct. Culver City — Cal
Micro State Electronics Corp., 3-9-12 — Box 383, Murray Hill — NJ
Microwave Associates, Inc., 4-6-9-12 — Burlington — Mass
Microwave Components, Inc., 1 — Doylestown — Pa
Microwave Dynamics Corp., 1-4 — 5 Fairchild Ct. Plainview — NY
Microwave Semiconductor & Inst. Inc., 1-4 — 116-06 Myrtle Ave. Richmond Hill 18 — NY
Motorola, Inc. Semiconductor Prods Div., 6-11-13 — 5005 E McDowell Rd. Phoenix — Ariz
NIPPON ELECTRIC CO. LTD., 1-2-3-4-5-6-7-8-13, Adv Pg 267 — **2 Shiba Mita-ku, Tokyo** — **Jap**
NORTH AMERICAN ELECTRONICS INC., 6-7-8-10-11-13, Adv Pg 425 — **72 Linden St. W Lynn** — **Mass**
Nucleonic Products Co. Inc., 1-5-6 — 3133 E 12th St. Los Angeles 23 — Cal
OHMITE MFG. CO., 1, Adv Pgs 276, 277 — **3601 Howard St. Skokie** — **Ill**
Pacific Semiconductors, Inc., 2-6-8-9-13 — 12955 Chadron Ave. Hawthorne — Cal
PHILCO CORP. LANSDALE DIV., 1-4-6-8-9-12, Adv Pg 88, 89 — **501 Church Rd. Lansdale** — **Pa**
Philips' Gloeilampenfabrieken, N. V., 1-4-13 — Eindhoven — Neth
PORTCHESTER INSTRUMENT CORP., 4, Adv Pg 468 — **114 Wilkins Ave. Port Chester** — **NY**
R.L.C. Electronics, Inc., 4 — 95 Mamaroneck Ave. Mamaroneck — NY
RADIO CORP. OF AMERICA SEMICONDUCTOR & MATERIALS DIV., 7-12, Adv Pg Insert Preceding 3rd Cover, 3rd Cover — **Rt 202, Somerville** — **NJ**
Radio Dev. & Research Corp., 2-6-7 — 100 Penna. Ave. Paterson 3 — NJ
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., 1-2-4-6-7-8-9, Adv Pg 37 — **411 Providence Tpke, Westwood** — **Mass**
Raytheon Co. Semiconductor Div., 1-2-5-7-8-9 — Bldg. Waltham 54 — Mass
Rheem Semiconductor Corp., 2-6-8-9 — 350 Ellis St. Mountain View — Cal
Sarkes Tarzian Inc. Semiconductor Div., 2-6-7-8-13 — 415 N College Ave. Bloomington — Ind
SEMI-ELEMENTS INC., 1-2-3-4-5-6-8-9, Adv Pg 524 — **Saxonburg Blvd. Saxonburg** — **Pa**
SEMICON INC., 6-7-13, Adv Pg 415 — **Sweetwater Ave. Bedford** — **Mass**
Semiconductor Specialists, Inc., 1-2-6-7-8-9-10-13 — 5706 W North Ave. Chicago 39 — Ill
Shockley Transistor Unit, Clevite Transistor, 10 — Stanford Industrial Park, Palo Alto — Cal
SILICON TRANSISTOR CORP., 6, Adv Pg 399 — **150 Glen Cove Rd. Carle Place** — **NY**
Slater Electric Inc., 2-6-7 — 45 Sea Cliff Ave. Glen Cove — NY
SONY CORP., 1-5-6-12, Adv Pg 261 — **514 Broadway, New York 12** — **NY**
Sperry Microwave Electronics Co., 4 — P.O. Box 1828, Clearwater — Fla
Sperry Semiconductor Div. Sperry Rand Corp., 2-6-8-9 — Norwalk — Conn
Standard Tel. & Cables Ltd., 1-2-5-6-7-8-12-13 — 29 Glasshouse Yard, London — Eng
Straza Industries, 5 — 790 Greenfield Dr. El Cajon — Cal
Superior Electric Co., The, 11 — 393 Middle St. Bristol — Conn
Sylvania Elec Prods Inc. Semiconductor Div., 1-4-5-6-7-9-12 — 100 Sylvan Rd. Woburn — Mass
SYNTRON CO. SEMICONDUCTOR DIV., 2-6-7, Adv Pg 97 — **Homer City** — **Pa**
TECHNICAL APPARATUS BUILDERS, 1-6, Adv Pg 529 — **109 Liberty St. New York 6** — **NY**
Texas Instruments Incorporated, Semiconductor-Components Div., 2-5-6-7-8-9-12-13 — Box 5012, Dallas 22 — Tex
Thermosen, Inc., 11 — 375 Fairfield Ave, Stamford — Conn
TRANSITRON ELECTRONIC SALES CORP., 1-6-10-12-13, Adv Pgs 315-318 — **168-182 Albion St. Wakefield** — **Mass**
Trans-Sil Corp., 6-7 — 55 Honeck St. Englewood — NJ
TUNG-SOL ELECTRIC INC., 2-6-7, Adv Pgs 158, 159 — **1 Summer Ave. Newark 4** — **NJ**
Twentieth Century Electronics Ltd., 5 — King Henry's Dr. New Addington, Surrey
Tyco Semiconductor Corp., 3-4 — Hickory Ln. Bear Hill, Waltham 54 — Mass
United Components Inc., 2-6-7-8-9 — 105 Lincoln Ave. Orange — NJ
U.S. SEMICONDUCTOR PRODUCTS, INC., 6-8-9-13, Adv Pg 397 — **3540 W Osborn Rd. Phoenix** — **Ariz**
Unitrode Transistor Products Inc., 2-6-7-8 — 214 Calvary St. Waltham 54 — Mass
Varian Associates, 4 — 611 Hansen Way, Palo Alto — Cal
Victor R.F. & Microwave Co., 4 — 38 W Water St. Wakefield — Mass
Westinghouse-Semiconductor Dept., 2-6-7-10 — Youngwood — Pa

DIODE SOCKETS See SOCKETS
DIODE TESTERS See TESTERS –*DIODE*

DIPLEXERS –*MICROWAVE*

ACF Electronics Div — Riverdale — Md
A G A Corp — 1200 Duke St. Alexandria — Va
Adams-Russell Co. Inc — 200 Sixth St. Cambridge 42 — Mass
Airtec, Inc — 139 E. First Ave, Roselle — NJ
Airtron, Div of Litton Industries — 200 E. Hanover Ave, Morris Plains — NJ
ALFORD MFG. CO., Adv. Pg 78 — **299 Atlantic Ave. Boston** — **Mass**
ANTENNA SYSTEMS, INC., Adv Pg 428 — **Hingham Industrial Center, Hingham** — **Mass**
BUDD STANLEY CO. INC., Adv Pg 313 — **175 Eileen Way, Syosset** — **NY**
CONTROL ELECTRONICS CO. INC., Adv Pg 444 — **10 Stepar Pl. Huntington Sta** — **NY**
Dielectric Products Engrg. Co. Inc — Raymond — Me
Dorn-Lar Electronics, Inc — 1110 Olympic Blvd. Santa Monica — Cal
E & M Laboratories — 7145 Califa St. Van Nuys — Cal
FXR INC., Adv Pgs 100, 101 — **25-26 50th St. Woodside 77** — **NY**
Gabriel Electronics Div., Gabriel Co., The — Main & Pleasant Sts, Millis — Mass
General Microwave Corp — 47 Gazza Blvd. Farmingdale — NY
Gorham Electronics Div. Gorham Corp — 333 Adelaide Ave. Providence 7 — RI
Kearfott Div. Gen. Precision Inc. Microwave Prods — 14844 Oxnard St. Van Nuys — Cal
LIECO INC., Adv Pg 398 — **150 Eileen Way, Syosset** — **NY**
Meridian Metalcraft, Inc — 8739 S. Millergrove Dr, Whittier — Cal
Metcom, Inc — 76 Lafayette St. Salem — Mass
Microphase Corp — River Rd. Cos Cob — Conn
Microwave Associates, Inc — Burlington — Mass
Microwave Development Labs. Inc — 15 Strathmore Rd. Natick — Mass
Microwave Dynamics Corp — 5 Fairchild Ct. Plainview — NY
Microwave Semiconductor & Inst. Inc — 116-06 Myrtle Ave. Richmond Hill 18 — NY
PORTCHESTER INSTRUMENT CORP., Adv Pg 468 — **114 Wilkins Ave. Port Chester** — **NY**
Precision Microwave Corp — Main St. Millis — Mass
R.L.C. Electronics, Inc — 95 Mamaroneck Ave. Mamaroneck — NY
Specialty Electronics Development Corp — Eileen Way, Syosset — NY
Sperry Microwave Electronics Co — P.O. Box 1828, Clearwater — Fla
TOKYO DENKI SEIKI CO. LTD., Adv Pg 264 — **11 2-chome, Nakamachi, Kanda, Chiyoda-ku, Tokyo** — **Jap**
Varian Associates — 611 Hansen Way, Palo Alto — Cal
Waveline, Inc — P.O. Box 718, Caldwell — NJ

DIP-SOLDERING MACHINES See MACHINES –*DIP-SOLDERING*
DIRECT CURRENT See D-C LISTINGS
DIRECTIONAL COUPLERS See COUPLERS –*DIRECTIONAL*
DIRECTIONAL GYROS See GYROS
DIRECTIONAL MAGNETIC COUPLERS See COUPLERS –*DIRECTIONAL TRANSMITTING ANTENNA*
DIRECTION-FINDER RECEIVERS See RECEIVERS –*RADIO NAVIGATION*
DIRECTION-FINDER TRANSMITTERS See TRANSMITTERS –*RADIO NAVIGATION*
DIRECT-WRITING OSCILLOGRAPHS See OSCILLOGRAPHS
DISCRIMINATORS –*TELEMETERING* See CONVERTERS –*SIGNAL, TELEMETERING*
DISK RECORDERS See RECORDERS –*DISK*

DISKS –*BLANK RECORDING*

AUDIO DEVICES INC., Adv 405 — **444 Madison Ave. New York 22** — **NY**
Reeves Soundcraft Corp — Great Pasture Rd. Danbury — Conn

DISKS –*MEMORY* See MEMORIES –*COMPUTER*

DISPENSERS –*ENCAPSULATING & POTTING COMPOUND*

1. DISPENSING — *2. MIXING & DISPENSING*

Chemical Products Corp., 1 — King Philip Rd, E. Providence — RI
Deisen Corp., 1 — 719 W Broadway, Glendale 4 — Cal
Emerson & Cuming, Inc., 1-2 — 869 Washington St. Canton — Mass
Furane Plastics, Inc., 1 — 4516 Brazil St. Los Angeles 39 — Cal
Hull Corp., 1-2 — Davisville Rd. Hatboro — Pa
Pross Co., Milton, 1-2 — 730 Jacksonville Rd. Hatboro — Pa
Sta-Warm Electric Co., 1-2 — 23 N Chestnut St. Ravenna — Ohio
Wells Electronics Co., 1 — 1701 S Main St. South Bend 23 — Ind

DISPLACEMENT GYROS See GYROS
DISPLACEMENT-MEASURING GAGES See GAGES –*DIMENSION*
DISPLACEMENT TRANSDUCERS See TRANSDUCERS
DISPLAYS –*CATHODE-RAY* See TUBES –*CATHODE-RAY, SHAPED-BEAM & DATA-STORAGE*
DISPLAYS –*DIGITAL* See INDICATORS –*DIGITAL*
DISPLAYS –*ELECTROLUMINESCENT* See ELECTROLUMINESCENT DEVICES
DISTORTION ANALYZERS & METERS See ANALYZERS –*DISTORTION*
DISTRIBUTION AMPLIFIERS See AMPLIFIERS – TV

DISTRIBUTORS

ONLY DISTRIBUTORS FEATURING ADVERTISEMENTS IN THE DISPLAY ADVERTISING SECTION APPEAR IN THE FOLLOWING LIST:

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AVNET ELECTRONICS CORP., Adv Pg 331 — **70 State St. Westbury** — **NY**
INTERSTATE ELECTRONICS INC., Adv Pg 452 — **227 Fulton St. New York 7** — **NY**
LAFAYETTE RADIO ELECTRONICS CORP., Adv Pg 80 — **165-08 Liberty Ave. Jamaica 33** — **NY**
MILGRAY/NEW YORK, Adv Pg 435 — **136 Liberty St. New York 6** — **NY**
UNIVERSAL RELAY CORP., Adv Pg 470 — **42 White St. New York 13** — **NY**

DIVERSITY RECEIVERS See –RECEIVERS –*RADIO COMMUNICATION*

DIVIDERS –*FREQUENCY*

Concord Control, Inc — 1282 Soldiers Field Rd, Boston 35 — Mass
Control Equipment Corp — 19 Kearney Rd, Needham Heights 94 — Mass
Dielectric Products Engrg. Co. Inc — Raymond — Me
ELECTRONIC PRODUCTS CORP., Adv Pgs 545, 546 — **4642 Belair Rd. Baltimore 6** — **Md**
ERIE-PACIFIC DIV. ERIE RESISTOR CORP., Adv Pg 206 — **12932 S Weber Way, Hawthorne** — **Cal**
FXR INC., Adv Pgs 100, 101 — **25-26 50th St. Woodside 77** — **NY**
FRONTIER ELECTRONICS CO., Adv Pg 193 — **4606 Memphis Ave. Cleveland 9** — **Ohio**
Gertsch Products, Inc — 3211 S. La Cienega, Los Angeles 16 — Cal
Gibbs Mfg. & Research Corp — 454 N Main St. Janesville — Wis
Hathaway Instruments Inc — 5382 E Jewell Ave. Denver 22 — Colo
Microwave Dynamics Corp — 5 Fairchild Ct. Plainview — NY
Muirhead & Co., Ltd — Beckenham, Kent, England
NAVIGATION COMPUTER CORP., Adv Pg 511 — **Valley Forge Ind Park, Norristown** — **Pa**
R S Engineering Inc — 95 Bennett St. NW, Atlanta 9 — Ga
Rank Cintel Ltd — Worsley Bridge Rd, London S.E. 26, England
RIXON ELECTRONICS INC., Adv Pg 412 — **2414 Reedie Dr. Silver Spring** — **Md**
United Shoe Machinery Corp — 140 Federal St. Boston — Mass
VARO, INC Adv Pg 118 — **2201 Walnut St. Garland** — **Tex**

DIVIDERS –*POWER, MICROWAVE*

ACF Electronics Div — Riverdale — Md
A G A Corp — 1200 Duke St. Alexandria — Va
Adams-Russell Co. Inc — 200 Sixth St. Cambridge 42 — Mass
Airtec, Inc — 139 E. First Ave, Roselle — NJ
Airtron, Div of Litton Industries — 200 E. Hanover Ave, Morris Plains — NJ
ALFORD MFG. CO., Adv Pg 78 — **299 Atlantic Ave. Boston** — **Mass**
Andrew California Corp — 941 E Maryland Ave. Claremont — Cal
ANTENNA SYSTEMS, INC., Adv Pg 428 — **Hingham Industrial Center, Hingham** — **Mass**
Arden Microlab Inc — 21 Spencer St, Stoneham 80 — Mass
ARRA CORP., Adv Pg 498 — **27 Bond St. Westbury** — **NY**
Bogart Mfg Corp — 315 Siegel St. Brooklyn 6 — NY
CWS Waveguide Corp — 30/W Hoffman Ave. Lindenhurst — NY
Caswell Electronics Corp — 414 Queens Ln. San Jose 12 — Cal
CONTROL ELECTRONICS CO. INC., Adv Pg 444 — **10 Stepar Pl. Huntington Sta** — **NY**
Dielectric Products Engrg. Co. Inc — Raymond — Me
Dorn-Lar Electronics, Inc — 1110 Olympic Blvd. Santa Monica — Cal
FXR INC., Adv Pgs 100, 101 — **25-26 50th St. Woodside 77** — **NY**
General Microwave Corp — 47 Gazza Blvd. Farmingdale — NY
HEWLETT-PACKARD CO., Adv Pgs 19-34 — **1501 Page Mill Rd. Palo Alto** — **Cal**
Kearfott Div. Gen. Precision Inc. Microwave Prods — 14844 Oxnard St. Van Nuys — Cal
Laboratory For Electronics, Inc — 1079 Commonwealth Ave. Boston 15 — Mass
LIECO INC., Adv Pg 398 — **150 Eileen Way, Syosset** — **NY**
Meridian Metalcraft, Inc — 8739 S. Millergrove Dr, Whittier — Cal
Metcom, Inc — 76 Lafayette St. Salem — Mass
MICROLAB, Adv Pg 356 — **570 W Mt Pleasant Ave. Livingston** — **NJ**
Microwave Components, Inc — Doylestown — Pa
Microwave Development Labs. Inc — 15 Strathmore Rd. Natick — Mass
Microwave Dynamics Corp — 5 Fairchild Ct. Plainview — NY
Microwave Semiconductor & Inst. Inc — 116-06 Myrtle Ave. Richmond Hill 18 — NY
OMEGA LABORATORIES INC., Adv Pg 226 — **Box 309, Rowley** — **Mass**
PORTCHESTER INSTRUMENT CORP., Adv Pg 468 — **114 Wilkins Ave. Port Chester** — **NY**
Precision Microwave Corp — Main St. Millis — Mass
R.L.C. Electronics, Inc — 95 Mamaroneck Ave. Mamaroneck — NY
Sage Laboratories, Inc — 3 Huron Dr. East Natick — Mass
SANDERS ASSOCIATES INC., Adv Pg 380 — **95 Canal St. Nashua** — **NH**
Sperry Microwave Electronics Co — P.O. Box 1828, Clearwater — Fla
Transco Products Inc — 12210 Nebraska Ave. Los Angeles 25 — Cal
Turbo Machine Co — 810 W. Main St, Lansdale — Pa
United Shoe Machinery Corp — 140 Federal St. Boston — Mass
Varian Associates — 611 Hansen Way, Palo Alto — Cal
Victor R.F. & Microwave Co — 38 W Water St. Wakefield — Mass
Waveline, Inc — P.O. Box 718, Caldwell — NJ

DIVIDERS –*VOLTAGE*

Astrosystems Inc — 271 E 23rd St. New York 10 — NY
Bourns Inc — 6135 Magnolia Ave, Riverside — Cal
Consolidated Resistance Co. of Amer. Inc — 44 Prospect St. Yonkers — NY
Donner Scientific Co — 888 Galindo St. Concord — Cal
Gertsch Products, Inc — 3211 S. La Cienega, Los Angeles 16 — Cal
GRAY INSTRUMENT CO., Adv Pg 480 — **448 Mill Rd. Andalusia** — **Pa**
Millitest Co — 86 Mineola Ave. Hempstead — NY
Minn-Honeywell, Rubicon Instruments — Ridge at 35 St, Philadelphia 32 — Pa
OHMITE MFG. CO., Adv Pgs 276, 277 — **3601 Howard St. Skokie** — **Ill**
Pearson Electronics, Inc — 707 Urban Ln, Palo Alto — Cal
PHILBRICK RESEARCHES INC., GEORGE A., Adv Pg 166 — **127 Clarendon St. Boston 16** — **Mass**
Ultronix, Inc — 111 E. 20th Ave, San Mateo — Cal

DOLLIES –*LABORATORY & OSCILLOSCOPE*

AINSLIE CORP., Adv Pg 408 — **531 Pond St. South Braintree 85** — **Mass**
Artisan Metal Works Co — 11410 Madison Ave, Cleveland 2 — Ohio
Electro-Rack, Inc — 11901 Jefferson Blvd, Culver City — Cal
Electronic Tube Corp — 1200 E Mermaid Ln, Philadelphia 18 — Pa
HEWLETT-PACKARD CO., Adv Pgs 19-34 — **1501 Page Mill Rd. Palo Alto** — **Cal**
Hughes Microwave Components Div — Florence & Teale, Culver City — Cal
Mid-West Metal Products Inc — 450 E Donovan Rd. Kansas City 15 — Kan
P.B.R. Mfg. Co — H & Luzerne Sts, Philadelphia 24 — Pa
POLARAD ELECTRONICS CORP, Adv Pgs 269-272 — **43-20 34 St. Long Island City 1** — **NY**
Radio Frequency Labs Inc — Boonton 2 — NJ
Technical Service Corp — 917-19 S. Third St, Louisville 3 — Ky

DOPES –*SEMI-CONDUCTOR* See ALLOYS –*SPECIAL PURPOSE: ARSENIC: ANTIMONY: ETC*
DOPPLER RADAR See RADAR
DOSIMETER CHARGERS See CHARGERS –*DOSIMETER*

DOSIMETERS

A. O. I. P — 23 Pl. Jeanne d'Arc, Paris 13 — Fr
Accurate Specialties Co. Inc — 345 Lodi St. Hackensack — NJ
American Development Electronics Co — 77 Pomeroy St. Newark 8 — NJ

Atomic Accessories Inc ... 811 W. Merrick Rd, Valley Stream ... NY
Bausch & Lomb Inc ... 61402 Bausch St, Rochester 2 ... NY
Bendix Corp, Cincinnati Div ... 3130 Wasson Rd, Cincinnati 8 ... Ohio
Canadian Research Institute ... 85 Curlew Dr, Don Mills ... Ont
Computing Devices of Canada, Ltd ... P.O. Box 508, Ottawa, Ontario, Canada
EDGERTON, GERMESHAUSEN & GRIER INC., Adv Pg 284 ... **160 Brookline Ave. Boston** ... **Mass**
Franklin Systems, Inc ... Box 3250, W Palm Beach ... Fla
Kahl Scientific Instrument Corp ... 737 W Main St, El Cajon ... Cal
Nuclear Chicago Corporation ... 333 E. Howard St, Des Plaines ... Ill
Nuclear Measurements Corp ... 2463 N Arlington Ave, Indianapolis 18 ... Ind
Specialty Electronics Development Corp ... Eileen Way, Syosset ... NY
U. S. Nuclear Corp ... 801 N. Lake St, Burbank ... Cal

DRAFTING SUPPLIES

1 *PAPER, CLOTH & FILM*
2 *ELECTRONIC PREPRINTED TITLE BLOCKS & SYMBOLS*
3 *SMITH CHARTS*
4. *SYMBOL STAMPS, INK*
5. *TEMPLATES, ELECTRONIC SYMBOLS*
6. *TOOLS & EQUIPMENT*

Applied Graphics Corp., 2 ... Shore Rd. Glenwood Landing ... NY
Brady Co., W.H., 2 ... 727 West Glendale Ave, Milwaukee 12 ... Wisc
Bruning Co. Inc., Charles, 1 ... 1800 Central Rd, Mt. Prospect ... Ill
By-Buk Co., 2 ... 4314 W Pico Blvd, Los Angeles 19 ... Cal
CHART-PAK INC., 1-2-5, Adv Pg 411 ... **Leeds** ... **Mass**
Copymation, Inc., 6 ... 5831 N. Western, Chicago 18 ... Ill
Crafton Mfg Co., 2 ... 19511 Euclid Ave, Cleveland 12 ... Ohio
Dietzgen Co., Eugene, 1 ... 2425 N Sheffield Ave, Chicago 14 ... Ill
Duralith Corp., 2 ... 1025 Race St, Philadelphia 7 ... Pa
E-Z-Way Templates, 5 ... Box 535, Pasadena ... Cal
Emerald Co., Inc., 3-5 ... 1236 Central Ave, Hillside 5 ... NJ
ETCHOMATIC INC., 6, Adv Pg 520 ... **182 Newton St. Waltham 54** ... **Mass**
Flexo International Corp., 6 ... 3722 N Milwaukee Ave, Chicago ... Ill
Fisher & Crome, 5 ... 107 N. Camac St, Philadelphia 7 ... Pa
G-C Electronics Co., 2-5 ... 400 S Wyman St, Rockford ... Ill
General Hardware Mfg. Co. Inc., 6 ... 82 White St, New York 13 ... NY
General Radio Co., 3 ... West Concord ... Mass
Griffin Co., John, 4-5 ... 2117 Grand Ave, St Paul 5 ... Minn
Krengel Mfg. Co., Inc ... 227 Fulton St, New York 7 ... NY
Optical Gaging Products, Inc., 1-4 ... 26 Forbes St, Rochester 11 ... NY
Ozalid Div. General Aniline & Film Corp., 1-4 ... Corliss Rd, Johnson City ... NY
Pease Co., C.F., 1 ... 2601 W. Irving Park Rd, Chicago ... Ill
Planatronics Inc., 2-5 ... 681 E 1st St, Boston 27 ... Mass
Post Co., Frederick, 1-5 ... 3650 N Avondale Ave, Chicago 18 ... Ill
STANPAT, 1-2-5, Adv Pg 532 ... **150-42 12th Rd. Whitestone 57** ... **NY**
Tech-Tac, Inc., 2 ... 727 W. 7th St, Los Angeles 17 ... Cal
Universal Drafting Machine Corp., 6 ... 7960 Lorain Ave, Cleveland 2 ... Ohio
Weil & Co., J.H., 1-2-5-6 ... 1134 Cherry St, Philadelphia 7 ... Pa
X-Acto Inc., 6 ... 48-41 Van Dam St, Long Island City 1 ... NY

DRILL PRESSES See MACHINES -*DRILL PRESSES*
DRILLS -*ULTRASONIC* See ULTRASONIC EQUIPMENT
DRAWN METAL PARTS See METAL PARTS -*DEEP-DRAWN*
DRILLING EQUIPMENT See MACHINES -*PRINTED-CIRCUIT PRODUCTION*
DRIVE BELTS -See BELTS

DRIVERS -*SPEAKER*

Lansing Sound, Inc., James B. ... 3249 Casitas Ave, Los Angeles 39 ... Cal
Racon Electric Co. Inc ... 1261 Broadway, New York 1 ... NY

DRIVES -*ELECTRIC, SMALL* See MOTORS -*SUBTRACTIONAL - HP WITH GEAR DRIVE*

DRIVES -*VARIABLE-SPEED MECHANICAL* See Also CONTROLS -*MOTOR SPEED*

Actuator Products, Div. of Geotronics ... 34 Nashua St, Woburn ... Mass
Boston Gear Works ... 14 Hayward St, Quincy 71 ... Mass
BOWMAR INSTRUMENT CORP., Adv Pg 36 ... **8000 Bluffton Rd. Ft Wayne** ... **Ind**
Century Electric Co ... 1806 Pine St, St. Louis 3 ... Mo
Cramer, Inc ... 5247 Howard St, Chicago 48 ... Ill
Cutler-Hammer Inc ... 411 N 12th St, Milwaukee 1 ... Wis
Electro-Devices, Inc., Servospeed Div ... 4-6 Godwin Ave, Paterson ... NJ
GAP INSTRUMENT CORP., Adv Pg 484 ... **5 Main St. Newtown** ... **Conn**
Gilfillan Bros., Inc ... 1815 Venice Blvd, Los Angeles 6 ... Cal
Green Rectifier Co ... 1-10 30th St, Fair Lawn ... NJ
Insco Co. Div. Barry Wright Corp ... Main St, Groton ... Mass
Jackson Bros (London) Ltd ... 258 Broadway, New York 7 ... NY
Jan Hardware Mfg Co. Inc ... 38-01 Queens Blvd, Long Island City 1 ... NY
MAGNETIC AMPLIFIERS DIV. SIEGLER CORP., Adv Pg 295 ... **632 Tinton Ave. New York 55** ... **NY**
Metron Instrument Co ... 432 Lincoln St, Denver 3 ... Colo
Oilgear Co ... 1560 W Pierce St, Milwaukee ... Wis
P I C Design Corp, Sub. Benrus Watch Co ... 477 Atlantic Ave, E Rockaway ... NY
Ramsey Mfg Co ... 14925 Woodworth Ave, Cleveland 10 ... Ohio
Servo-Tek Products Co., Inc ... 1086 Goffle Rd, Hawthorne ... NJ
Square D Co ... 4041 Richards, Milwaukee 12 ... Wis
Tenney Engineering Inc ... 1090 Springfield Rd, Union ... NJ
United Mfg. Co. Div. Maxson Electronics Corp ... 41 King St, Hamden 14 ... Conn
Weldon Electronics Inc ... 4621 W 53rd St, Chicago 32 ... Ill
Westinghouse-Motor & Gearing Dept ... Buffalo ... NY
Zero-Max Co ... 2845 Harriet Ave, S, Mpls ... Minn

DRY BATTERIES See BATTERIES
DRUMS -*MEMORY* See MEMORIES -*COMPUTER*
DRYERS See DEHUMIDIFIERS: OVENS

DRY BOXES

American Sterilizer Co ... 2424 W 23rd St, Erie ... Pa
Controlled Atmosphere Enclosures Mfg Co ... 1061 E 8th St, Jacksonville 6 ... Fla
Vacuum Specialties Co ... 34 Linden St, Somerville ... Mass
Wilson Rubber Co ... 1200 Garfield Ave, SW, Canton 6 ... Ohio

DUCTS -*WIRING*

Dahlstrom Manufacturing Corp ... Jamestown ... NY
Flexaust Co., The ... 100 Park Ave, New York 17 ... NY
Farnwell Products Co ... 1530 Clint Ave, Cleveland 12 ... Ohio
Johns-Manville ... 22 E 40 St, New York 16 ... NY
Nelson Electric Mfg. Co ... P.O. Box 1585, Tulsa 16 ... Okla
PANDUIT CORP Adv Pg 552 ... **17301 Ridgeland Ave. Tinley Park** ... **Ill**
Pierce Simpson, Inc ... 2295 NW 14th St, Miami 35 ... Fla
Taylor Electric Inc ... Fisher Rd, Howell ... Mich

DUMMY LOADS See LOADS -*DUMMY*

DUPLEXERS -*MICROWAVE*

ACF Electronics Div ... Riverdale ... Md
Airtec, Inc ... 139 E. First Ave, Roselle ... NJ
Airtron, Div of Litton Industries ... 200 E. Hanover Ave, Morris Plains ... NJ
ALFORD MFG. CO., Adv Pg 78 ... **299 Atlantic Ave. Boston** ... **Mass**
ANTENNA SYSTEMS, INC., Adv Pg 428 ... **Hingham Industrial Center, Hingham** ... **Mass**
Ardwin Microlab Inc ... 21 Spencer St, Stoneham 80 ... Mass
Bogart Mfg Corp ... 315 Siegel St, Brooklyn 6 ... NY
BUDD STANLEY CO. INC., Adv Pg 313 ... **175 Eileen Way, Syosset** ... **NY**
C W S Waveguide Corp ... 301 W. Hoffman Ave, Lindenhurst ... NY
Dielectric Products Engrg. Co. Inc ... Raymond ... Me
Don-Lan Electronics Inc ... 1131 Olympic Blvd. Santa Monica ... Cal
E & M Laboratories ... 15145 Califa St, Van Nuys ... Cal
Electrada Corp ... 11244 Playa St, Culver City ... Cal
FXR INC., Adv Pgs 100, 101 ... **25-26 50th St. Woodside 77** ... **NY**
FERROTEC, INC., Adv Pg 496 ... **217 California St. Newton 58** ... **Mass**
Gabriel Electronics Div., Gabriel Co., The ... Main & Pleasant Sts, Millis ... Mass
General Electric Co., Power Tube Dept ... 1 River Rd, Schenectady 5 ... NY
General Microwave Corp ... 47 Sarah Blvd, Farmingdale ... NY
Gombos Co. Inc. John ... Webro Rd, Clifton ... NJ
Gorham Electronics Div. Gorham Corp ... 333 Adelaide Ave, Providence 7 ... RI
KEARFOTT DIV. GEN PRECISION INC., Adv Pg 394 ... **Little Falls** ... **NJ**
Kearfott Div. Gen. Precision, Inc., Microwave Prods ... 14844 Oxnard St, Van Nuys ... Cal
Laboratory for Electronics, Inc ... 1079 Commonwealth, Boston 15 ... Mass
Meridian Metalcraft, Inc ... 8739 S. Millergrove Dr, Whittier ... Cal
Metcom, Inc ... 76 Lafayette St, Salem ... Mass
Microtech, Inc ... Milldale Rd, Cheshire ... Conn
MICROWAVE CORP. OF AMERICA, Adv Pg 462 ... **P.O. Box 278, Stamford** ... **Conn**
Microwave Development Labs, Inc ... 15 Strathmore Rd, Natick ... Mass
Microwave Semiconductor & Inst, Inc ... 116-06 Myrtle Ave, Richmond Hill 18 ... NY
PORTCHESTER INSTRUMENT CORP., Adv Pg 468 ... **114 Wilkins Ave. Port Chester** ... **NY**
Precision Microwave Corp ... Main St, Millis ... Mass
SANDERS ASSOCIATES INC., Adv Pg 380 ... **95 Canal St. Nashua** ... **NH**
Specialty Electronics Development Corp ... Eileen Way, Syosset ... NY
Sperry Microwave Electronics Co ... P.O. Box 1828, Clearwater ... Fla
TECHNICAL APPLIANCE CORP., Adv Pg 523 ... **P.O. Box 38, Sherburne** ... **NY**
TELERAD DIV. LIONEL CORP., Adv Pgs 220, 221 ... **Rt 69, Flemington** ... **NJ**
Tucor Inc ... 59 Danbury Rd, Wilton ... Conn
United Shoe Machinery Corp ... 140 Federal St, Boston ... Mass
Varian Associates ... 611 Hansen Way, Palo Alto ... Cal
Victor R.F. & Microwave Co ... 38 W Water St, Wakefield ... Mass
Waveline, Inc ... P.O. Box 718, Caldwell ... NJ

DUPLICATORS -*MAGNETIC TAPE*

Telectro Industries Corp ... 35-16 - 37th St, Long Island City 1 ... NY

DUST-FREE HOODS See HOODS
DUST -*MAGNETIC* See IRON POWDER
DUST PRECIPITATORS See PRECIPITATORS
DYNAMIC PICKUPS See PICKUPS -*PHONOGRAPH*
DUST CHAMBERS See CHAMBERS
DUST-FREE ENCLOSURES See ENCLOSURES

DYNAMOMETERS

Cosa Corp ... 405 Lexington Ave, New York 17 ... NY
FALCON DIV. GEN THERMODYNAMICS CORP., Adv Pg 502 ... **207 Concord Tpke. Cambridge** ... **Mass**
Gilmore Industries, Inc ... 13015 Woodland Ave, Cleveland 20 ... Ohio
Hahn & Co. Inc ... 885 Wells Rd, Wethersfield ... Conn
L. A. B. Corp ... 992 Onondaga, Skaneateles ... NY
Magtrol, Inc ... 240 Seneca St, Buffalo 4 ... NY
Radio Dev. & Research Corp ... 100 Penna. Ave, Paterson 3 ... NJ
Simpson Electric Co., Div., American Gage & Machine Co ... 5218 W. Kinzie St, Chicago 44 ... Ill
Task Corp ... 1009 E Vermont, Anaheim ... Cal
Westinghouse-Motor & Gearing Dept ... Buffalo ... NY
Yuba-Dolmeter Div ... 1375 El Camino Real, Santa Clara ... Cal

DYNAMOTORS

Aircraft Radio Corp ... Boonton ... NJ
BENDIX CORP. MONTROSE DIV., Adv Pg 372 ... **South Montrose** ... **Pa**
Carter Motor Co ... 2746 W George St, Chicago 18 ... Ill
Continental Electric Co., Inc ... 334 Ferry St, Newark 5 ... NJ
Gordon Enterprises ... 5362 N Cahuenga Blvd, N Hollywood ... Cal
Heinz-Mueller Engineering Co., Inc ... 4725 Iowa St, Chicago 51 ... Ill
IMC Magnetics Corp, Eastern Div ... 570 Main St, Westbury ... NY
Radio Dev. & Research Corp ... 100 Penna. Ave, Paterson 3 ... NJ
Sangamo Electric Co ... 1301 N. 11 St, Springfield ... Ill
Siemon Mfg. Co ... P.O. Box 275, Wayne ... Ill
Small Motors, Inc ... 2076 Elston Ave, Chicago 14 ... Ill
Winchager Corp ... E. 7th & Division Sts, Sioux City ... Iowa

EARPHONES -*MINATURE (HEARING-AID TYPE)*

AIWA CO. LTD., Adv Pg 264 ... **4 Matsuokumo-cho, Kanda Chiyoda-ku, Tokyo** ... **Jap**
Amplivox Ltd ... Beresford Ave, Wembley, Middlesex, England
Audiotone Mfg. Co ... 417 S. Wyman St, Rockford ... Ill
Audivox, Inc ... 123 Worcester St, Boston ... Mass
DYNA-EMPIRE INC., Adv Pg 514 ... **1075 Stewart Ave. Garden City** ... **NY**
Fenton, Inc ... Fed Elect Bldg, Rockville Centre ... NY
Fen-Tone Corp ... 106 5th Ave, New York 11 ... NY
Gotham Audio Corp ... 2 W 46 St, New York 36 ... NY
JAPAN PIEZO ELECTRIC CO. LTD., Adv Pg 258 ... **881 Kami-renjaku, Mitaka, Tokyo** ... **Jap**
KNOWLES ELECTRONICS, INC Adv Pg 404 ... **10545 Anderson Pl, Franklin Park** ... **Ill**
Minicord Corp of America ... 1913 Atlantic Ave, Atlantic City ... NJ
Multitone Electronics Ltd ... 130 Merton St, Toronto 7 ... Ont
Murdock Corp ... 168 Carter St, Chelsea ... Mass
PLASTIC MOLD & ENGINEERING CO. INC., Adv Pg 505 ... **265 Wampanoag Tr. East Providence 14** ... **RI**
Reflar Co ... Rt 1 & Camp Meeting Rd, Topsfield ... Mass
Rye Sound Corp ... 145 Elm St, Mamaroneck ... NY
Sargent & Greenleaf Inc ... 24 Seneca Ave, Rochester ... NY

Superex Electronics Corp ... 4-6 Radford Pl, Yonkers ... NY
Vari Corp ... 2825 Cedar Ave, Minneapolis ... Minn
Zenith Radio Corp ... 6001 Dickens Ave, Chicago 39 ... Ill

ECHO BOXES -*MICROWAVE*

Airtec, Inc ... 139 E. First Ave, Roselle ... NJ
Automation Dynamics Corp ... 255 County Rd, Tenafly ... NJ
Bogart Mfg Corp ... 315 Siegel St, Brooklyn 6 ... NY
Diamond Antenna & Microwave Corp ... River St, Winchester ... Mass
Emerson & Cuming, Inc ... 869 Washington St, Canton ... Mass
FXR INC., Adv Pgs 100, 101 ... **25-26 50th St. Woodside 77** ... **NY**
General Communication Co ... 677 Beacon St, Boston 15 ... Mass
Gombos Co. Inc. John ... Webro Rd, Clifton ... NJ
Metcom, Inc ... 76 Lafayette St, Salem ... Mass
Microwave Semiconductor & Inst. Inc ... 116-06 Myrtle Ave, Richmond Hill 18 ... NY
SHIMADA PHYSICAL & CHEMICAL INDUSTRIAL CO., Adv Pg 258 ... **415 Shibazakicho.chofu-city, Tokyo** ... **Jap**
Sperry Microwave Electronics Co ... P.O. Box 1828, Clearwater ... Fla
TELERAD DIV. LIONEL CORP., Adv Pgs 220, 221 ... **Rt 69, Flemington** ... **NJ**
Waveline, Inc ... P.O. Box 718, Caldwell ... NJ

ELBOWS -*MICROWAVE* See BENDS
ELECTRIC MOTOR CONTROL See CONTROLS -*MOTOR SPEED*
ELECTRIC MOTORS See MOTORS
ELECTRIC SHEETS See STEEL -*ELECTRIC*
EIA BOXES See BOXES -*DECADE & EIA VALUES*
ELAPSED-TIME METERS See TIMERS -*MOTOR-OPERATED*
ELECTRIC FURNACES See FURNACES -*ELECTRIC*
ELECTRIC OVENS See OVENS, DRYERS & DEHYDRATORS
ELECTROCARDIOGRAPHS See CARDIAC EQUIPMENT

ELECTROENCEPHALOGRAPHS

Electro-Medical Lab., Inc ... South Woodstock 8 ... Vt
Essential Electronics Corp ... 1011 Power Ave, Cleveland 14 ... Ohio
Medistor Instrument Co ... 1443 Northlake Way, Seattle 3 ... Wash
MNEMOTRON CORP., Adv Pg 445 ... **45 S Main St. Pearl River** ... **NY**
Offner Electronics Inc ... 3906 River Rd, Schiller Park ... Ill
Osborne Research Labs ... Box 1475, Santa Barbara ... Cal

ELECTROFORMED METAL PARTS See METAL PARTS -*ELECTROFORMED*
ELECTROFORMED WAVEGUIDE See WAVEGUIDES -*COMPLETE*

ELECTROFORMING SERVICES

Bart Labs & Design Inc ... 125 Manchester Pl, Newark 4 ... NJ
Bena Engineering Corp ... 701 W. Broadway, Glendale 4 ... Cal
Conforming Matrix Corp ... 805 New York Ave, Toledo 11 ... Ohio
Control Electroforming Corp ... 91 S Columbus Ave, Freeport ... NY
Fairfield Development Labs Inc ... 290 Henry St, Stamford ... Conn
Gar Precision Parts, Inc ... 150 Henry St, Stamford ... Conn
Lytle Corp., Allied Res & Eng Div ... 4626 Santa Monica Blvd, Hollywood 38 ... Cal
Sel-Rex Corp ... 75 River Rd, Nutley 10 ... NJ
Sifco Metachemical, Inc ... 935 E. 63 St, Cleveland 3 ... Ohio
Ultra Electroforming & Mfg. Co ... 112 Cedar Ave, Pitman 6 ... NJ

ELECTROLESS PLATING CHEMICALS See CHEMICALS -*PLATING*

ELECTROLUMINESCENT DEVICES

1. *ILLUMINATING*
2. *LOGIC, MEMORY*
3. *READOUT & DISPLAY*

ACF Electronics Div., 3 ... Riverdale ... Md
Acoustica Associates, Inc., 1 ... 10400 Aviation Blvd, Los Angeles 45 ... Cal
Alwac Computer Div. El-Tronics, Inc., 2 ... 13040 S Cerise, Hawthorne ... Cal
American Machine & Foundry Co., 1 ... 1025 N Royal St, Alexandria ... Va
Avco Corp, Electronics & Ordnance Div., 1-2-3 ... Box 116, Cincinnati 15 ... Ohio
Avien, Inc., 3 ... 58-15 Northern Blvd, Woodside 77 ... NY
BODNAR PRODUCTS CORP., 1, Adv Pg 468 ... **238 Huguenot St. New Rochelle** ... **NY**
Cable Electric Products, 1 ... 236 Dobell St, Providence ... RI
Daystrom Inc. Military Elec. Div., 1-2-3 ... Archbald ... Pa
Devco Engineering, Inc., 1-3 ... Pier Lane W, Caldwell ... NJ
Electro Radiation Inc., 1-2-3 ... 11916 W Pico Blvd, Los Angeles 64 ... Cal
ELECTRONIC PRODUCTS CORP., 3, Adv Pgs 545, 546 ... **4642 Belair Rd. Baltimore 6** ... **Md**
Farwest Mfg. Div. Inc., 1 ... 219 1st St, Seattle ... Wash
General Dynamics/Electronics, Info Tech Div., 1-2-3 ... 1895 Hancock St, San Diego 12 ... Cal
INDUSTRIAL ELECTRONIC ENGINEERS, INC., 3, Adv. Pgs. 462, 496, 554 ... **5528 Vineland Ave. North Hollywood** ... **Cal**
Kaiser Aircraft & Electronics, 3 ... 2222 N Peoria Ave, Phoenix ... Ariz
KEARFOTT DIV. GEN PRECISION INC., 3, Adv Pg 394 ... **Little Falls** ... **NJ**
Lear Inc., 1 ... 3171 S Bundy Dr, Santa Monica ... Cal
Librascope, Div. General Precision Inc., 1 ... 808 Western Ave, Glendale ... Cal
Licon Div. Illinois Tool Works, 3 ... 6615 W Irving Park, Chicago 34 ... Ill
Link Div. Gen. Precision Inc., 2-3 ... Binghamton ... NY
Materials for Electronics Inc., 1 ... 151-25 138 Ave, Jamaica 34 ... NY
Mpls-Honeywell, Military Prods Gr., 3 ... 2600 Ridgway Rd, Minneapolis 13 ... Minn
Penn Keystone Corp., 3 ... Box 350, Derby ... Conn
Philips' Gloeilampenfabrieken, N. V., 1-3 ... Eindhoven ... Neth
Radiation at Stanford, 2-3 ... 3180 Hanover St, Palo Alto ... Cal
Radio Corp of America, Electron Tube Div., 1 ... 415 S 5th St, Harrison ... NJ
Spano Electronics Corp., 3 ... 530 Air Way, Glendale 1 ... Cal
Straza Industries, 1-2-3 ... 790 Greenfield Dr, El Cajon ... Cal
Sylvania Elec Prods Inc. Lighting Prods Div., 1 ... 60 Boston St, Salem ... Mass
Sylvania Photolamp & Special Products, 1-2-3 ... 60 Boston St, Salem ... Mass
Telectro Industries Corp., 2-3 ... 35-16 - 37th St, Long Island City 1 ... NY
U S RADIUM CORP., 1, Adv Pg 208 ... **Box 246, Morristown** ... **NJ**
Westinghouse-Electronic Div., 3 ... Baltimore ... Md
Westinghouse-Lamp Div., 1-2-3 ... Bloomfield ... NJ
Westinghouse Electric Corp. Electronic Tube Div., 1 ... Box 284, Elmira ... NY
Whitehall Electronics Corp., 3 ... 1645 Hennepin Ave, Mpls 3 ... Minn

ELECTROMAGNETIC COUNTERS See COUNTERS -*ELECTROMAGNETIC*
ELECTROMAGNETS See SOLENOIDS

ELECTROMETERS

A. O. I. P ... 23 Pl. Jeanne d'Arc, Paris 13 ... Fr
American Trader Corp., Sub of Ekco Electronics, Ltd ... 34-21 30 St, Long Island City 6 ... NY

Applied Physics Corp ... 2724 S. Peck Rd, Monrovia ... Cal
Bristol Co ... Box 1790 EBG, Waterbury 20 ... Conn
Coleman Instruments Inc ... 42 Madison St. Maywood ... Ill
Data Equipment Co ... 923 E. 3rd St, Los Angeles 13 ... Cal
E-H Research Laboratories, Inc ... 163 Adeline St, Oakland 20 ... Cal
Epic Inc ... 150 Nassau St. New York 38 ... NY
Gyra Electronics Corp ... Box 184, La Grange ... Ill
Halex, Inc ... 310 E. Imperial Hwy, El Segundo ... Cal
Keithley Instruments, Inc ... 12415 Euclid Ave, Cleveland 6 ... Ohio
Landsverk Electrometer Co ... 641 Sonora Ave, Glendale 1 ... Cal
Medistor Instrument Co ... 1443 Northlake Way, Seattle 3 ... Wash
Nuclear Chicago Corporation ... 333 E. Howard St, Des Plaines ... Ill
Radiation Technology, Inc ... 657 Antoine St. NW Atlanta 18 ...
Sticht Co., Inc., Herman H. ... 27 Park Pl, New York 7 ... NY
U. S. Nuclear Corp ... 801 N. Lake St, Burbank ... Cal

ELECTROMETER TUBES See TUBES –*ELECTROMETER*

ELECTROMYOGRAPHS

Data Equipment Co ... 923 E. 3rd St, Los Angeles 13 ... Cal
Electro-Medical Lab., Inc ... South Woodstock 8 ... Vt
Medistor Instrument Co ... 1443 Northlake Way, Seattle 3 ... Wash
Teca Corp ... 80 Main St, White Plains ... NY

ELECTRON BEAM MACHINES See MACHINES –*CRYSTAL-GROWING; MACHINES –ELECTRON BEAM METALWORKING; MACHINES –METALLIZING*
ELECTRON BEAM WELDERS See MACHINES – *ELECTRON BEAM METALWORKING*

ELECTRON DIFFRACTION EQUIPMENT

HARSHAW CHEMICAL CO., Adv Pg 508 ... 1945 E 97th St. Cleveland 6 ... Ohio
New England Scientific Instruments Corp ... 238 Main St. Cambridge 42 ... Mass
Philips Electronic Instruments ... 750 S Fulton Ave, Mt. Vernon ... NY
Process & Instruments Corp ... 15 Stone Ave. Brooklyn 33 ... NY

ELECTRON GUNS See TUBE PARTS
ELECTRON MICROSCOPES See MICROSCOPES –*ELECTRON*
ELECTRONIC CHEMICALS See CHEMICALS –*ELECTRONIC*
ELECTRONIC CIRCUIT DEMONSTRATORS See DEMONSTRATORS
ELECTRONIC CUTTING KNIVES See ELECTROSURGICAL APPARATUS
ELECTRONIC HARDWARE See HARDWARE
ELECTRONIC HEATERS See HEATERS –*ELECTRONIC GRAPHIC*
ELECTRONIC VOLTMETERS See VOLTMETERS –*ELECTRONIC*
ELECTRONIC HEATING OVENS See OVENS, DRYERS & DEHYDRATORS
ELECTRONIC MOTOR CONTROLS See CONTROLS –*MOTOR SPEED*
ELECTRONIC SELF-BALANCING RECORDERS See RECORDERS –
ELECTROPLATING ANODES See ANODES
ELECTROPLATING CHEMICALS See CHEMICALS –*PLATING*
ELECTROPLATING MACHINES See MACHINES –*PLATING*
ELECTROPLATING SERVICES See PLATING SERVICES

ELECTROPLETHYSMOGRAPHS

AMERICAN ELECTRONIC LABS. INC., Adv Pg 362 ... 121 N 7th St. Philadelphia 6 ... Pa
Biophysical Electronics ... 221 Rock Hill Rd. Bala Cynwyd ... Pa
Process & Instruments Corp ... 15 Stone Ave. Brooklyn 33 ... NY

ELECTROSHOCK THERAPY EQUIPMENT

Multitone Electronics Ltd ... 130 Merton St. Toronto 7 ... Can
Offner Electronics Inc ... 3906 River Rd. Schiller Park ... Ill

ELECTROSTATIC CLEANERS See CLEANERS –*AIR*
ELECTROSTATIC GENERATORS See GENERATORS –*ELECTROSTATIC*
ELECTROSTATIC SHIELDING See SHIELDING

ELECTROSTATIC SPRAY SYSTEMS

Chemtronics, Inc ... 870 E 52nd St. Brooklyn 3 ... NY
Scientific Electric, Inc ... 105-119 Monroe St, Garfield ... NJ

ELECTROSTATIC VOLTMETERS See VOLTMETERS
ELECTROSTRICTIVE TRANSDUCERS See TRANSDUCERS

ELECTROSURIGICAL APPARATUS

AMERICAN ELECTRONIC LABS. INC., Adv Pg 362 ... 121 N 7th St. Philadelphia 6 ... Pa
BIRTCHER CORP., Adv Pg 489 ... 4371 Valley Blvd. Los Angeles 32 ... Cal
Canadian Research Institute ... 85 Curlew Dr. Don Mills ... Ont
Farrall Instrument Co ... Box 658, Grand Island ... Neb
Moorndian High Frequency Labs ... 13 E. Fort Lee Rd, Bogota ... NJ
Radionics Inc ... 76 Cambridge St. Burlington ... Mass

ELEMENTS –*HEATING*

CARBORUNDUM CO. REFRACTORIES DIV., Adv Pgs 104, 105 ... Perth Amboy ... NJ
Cox & Co., Inc ... 115 E. 23rd St, New York 10 ... NY
Cutler-Hammer Inc ... 411 N 12th St. Milwaukee 1 ... Wis
Eagle Electric Mfg. Co., Inc ... 23-10 Bridge Plaza S., L.I. City ... NY
Electro-Flex Heat Inc ... 83 Woodbine St. Hartford 6 ... Conn
Engelhard Industries Inc ... 113 Astor St. Newark 2 ... NJ
ETCHOMATIC INC., Adv Pg 520 ... 182 Newton St. Waltham 54 ... Mass
Film Resistors Inc ... 242 Ridgedale Ave. Morristown ... NJ
General Electric Co. Specialty Heating Products Sect. ... Box 278, Coxsackie ... NY
Hevi-Duty Electric Co. Div. Basic Products Corp. ... 304 Hart St. Watertown ... Wis
Hotwatt, Inc ... 75 Maple St, Danvers ... Mass
Industrial Engineering & Equipment Co ... 22 Hanley Industrial Ct, St. Louis ... Mo
Minco Products, Inc ... 740 Washington Ave, N., Minneapolis 1 ... Minn
Miskella Infra-Red Co., The ... E. 73rd & Grand Ave, Cleveland 4 ... Ohio
Pyro-Electric Inc ... Muskin Rd. Walkerton ... Ind
Research Inc ... Box 6164, Edina Br. Mnpls 24 ... Minn
Safeway Heat Element, Inc ... 680 Middlefield St, Middletown ... Conn
States Co ... 19 New Park Ave. Hartford 6 ... Conn
Sunbeam Equipment Corp ... 174 Mercer St. Meadville ... Pa
Thermo Electric Co. Inc ... 109 5th St. Saddle Brook ... NJ
Therm-O-Lab Corp ... 6940 Farmdale Ave, North Hollywood ... Cal
Topper Mfg Co. Inc ... 84-56 Parsons Blvd. Jamaica 32 ... NY
Wattow Electric Mfg. Co ... 1376 Ferguson Ave, St. Louis 14 ... Mo

ELEVATOR CONTROLS See CONTROLS –*ELEVATOR*
ELIMINATORS –*BATTERY* See POWER SUPPLIES –*D-C OUTPUT*
EMBOSSED CIRCUITS See CIRCUITS –*PRINTED WIRING, CUSTOM SERVICE*
EMBOSSED FILM RECORDERS See RECORDERS –*FILM*
EMERGENCY COMMUNICATION SYSTEMS See COMMUNICATION SYSTEMS
ENAMELED WIRE See WIRE –*MAGNET*

ENAMELS

Barrett Varnish Co ... 1532 S 50 Court, Cicero 50 ... Ill
Ceramco Inc. Chemists ... 173 Ridge St. Newark 4 ... NJ
Chemtronics, Inc ... 870 E 52nd St. Brooklyn 3 ... NY
ETCHOMATIC INC., Adv Pg 520 ... 182 Newton St. Waltham 54 ... Mass
Magic Chemical Co ... 121 Crescent St. Brockton ... Mass
Materials for Electronics Inc ... 152-25 138 Ave. Jamaica 34 ... NY
Midland Ind Div. Harrison Paint & Varnish Co ... 1329 Harrison Ave. S W, Canton 1 ... Ohio
Midland Industrial Finishes Corp ... Dept 1-20, Waukegan ... Ill
NATIONAL LEAD CO., Adv Pg 557 ... 111 Broadway, New York 6 ... NY
Topper Mfg Co. Inc ... 84-56 Parsons Blvd. Jamaica 32 ... NY
Waldom Electronics Inc ... 4621 W 53rd St. Chicago 32 ... Ill

ENAMELS –*PAINT* See PAINTS & PRIMERS
ENCAPSULATED ASSEMBLIES See MODULES –*ACTIVE; MODULES –PASSIVE*
ENCAPSULATED RESISTORS See RESISTORS
ENCAPSULATING COMPOUND DISPENSERS See DISPENSERS
ENCAPSULATING COMPOUNDS See RESINS –*ENCAPSULATING*
ENCAPSULATING FORMS See FORMS –*EPOXY; SHELLS*
ENCAPSULATING RESINS See RESINS –*ENCAPSULATING*

ENCAPSULATION SERVICES

Advanced Electronics Inc ... 94 Silas Deane Hwy. Rocky Hill ... Conn
Aerolite Electronics Corp ... 2207 Summit Ave. Union City ... NJ
AIRFLYTE ELECTRONICS CO., Adv Pg 342 ... 535-9 Avenue A, Bayonne ... NJ
Amoxx Corp ... 11924 W. Washington Blvd, L.A. 66 ... Cal
Arted Co. Inc ... 367 Worthington St. Springfield 3 ... Mass
Bacon Industries, Inc ... 192 Pleasant St, Watertown 72 ... Mass
Boonton Molding Co ... Boonton ... NJ
Chicago Miniature Lamp Works ... 1500 N Ogden Ave. Chicago 10 ... Ill
CICOIL CORP., Adv Pg 56 ... 13833 Saticoy St. Van Nuys ... Cal
Computer Components Inc ... 88-06 Van Wyck Expwy. Jamaica 18 ... NY
EIR Corp ... 5177 Overland Ave, Culver City ... Cal
Electro Seal Corp ... 946 North Ave, Des Plaines ... Ill
Electronic Cable Corp ... 126 Jackson St. Cambridge 40 ... Mass
Electronic Service Corp ... 2906 Birch St, Franklin Park ... Ill
EPOXY PRODUCTS, DIV JOS WALDMAN & SONS, Adv Pg 337 ... 133 Colt St. Irvington ... NJ
Good Electronic Corp ... P.O. Box 2406, W. Palm Beach ... Fla
Green Rectifier Co ... 1-10 30th St, Fair Lawn ... NJ
Hamilton Standard Div. United Aircraft Corp ... Broad Brook ... Conn
Hull Corp ... Davisville Rd, Hatboro ... Pa
KAHLE ENGINEERING CO Adv Pg 98 ... 3322 Hudson St, Union City ... NJ
Kerrco Inc ... Box 4178, Havelock Sta. Lincoln 7 ... Neb
Key Resistor Corp ... 321 W Redondo Beach Blvd. Gardena ... Cal
Lawrence Adhesive & Chemical Co. Inc ... 19 S Canal St. Lawrence ... Mass
Leaman, Louis ... 26 Columbia St. Brookline 46 ... Mass
LING-TEMCO ELECTRONICS INC. MICROMODULAR COMPONENTS DIV., Adv Pg 223 ... 1859 S Manchester, Anaheim ... Cal
Magnalectric Corp ... Box 6008, Tulsa ... Okla
Marstan Electronics Corp ... 204 Babylon Tnpk. Roosevelt ... NY
Metropolitan Telecommunications Corp ... Ames Ct. Plainview ... NY
Molded Insulation Co ... 335 E Price St. Philadelphia 44 ... Pa
Monroe Industries Inc ... 932 36 St. SE, Grand Rapids 8 ... Mich
Mutron Corp ... 125 Perkins Ave, Brockton ... Mass
New York Coil Co. Inc ... Phoenixville 12 ... Pa
Plastics Div. Allied Chem. Corp ... 40 Rector St. New York 6 ... NY
Plastronic Engineering Co ... 721 Boston Post Rd, Marlborough ... Mass
Renco Electronics Inc ... 240-1 Old Country Rd. Hicksville ... NY
RESDEL CORP Adv Pg 519 ... P.O. Box 217, Rio Grande ... NJ
Rho Engineering Co ... 2242 Sepulveda Blvd. Los Angeles 64 ... Cal
RIXON ELECTRONICS INC., Adv Pg 412 ... 2414 Reedie Dr. Silver Spring ... Md
Ross Co., Milton ... 231 Jacksonville Rd, Hatboro ... Pa
Stratocon Corp ... P.O. Box 10, Morristown ... NJ
Telectro Industries Corp ... 35-16 37th St, Long Island City 1 ... NY
Telex ... Telex Park, St Paul 1 ... Minn
Topper Mfg. Co., Inc ... 84-56 Parsons Blvd, Jamaica 32 ... NY
TORWICO ELECTRONICS INC., Adv Pgs 491, 492 ... Route 70, Lakewood ... NJ
Twin City Metalseal Corp ... 601 S.E. 8th St, Minneapolis 14 ... Minn
United Products Co ... 165 Franklin Ave. Nutley 10 ... NJ
Waber Electronics, Inc ... Hancock & Sommerset, Philadelphia 33 ... Pa
Walkirt Co ... 141 W. Hazel St, Inglewood 3 ... Cal
Wells Electronics Co ... 1701 S Main St. South Bend 23 ... Ind

ENCLOSURES –*DUST-FREE*

Air Control, Inc ... 450 Narberth Ave, Narberth ... Pa
Alpitec Inc ... 49 Gleason Ave. Stamford ... Conn
Baker Co. Inc ... 106 Granite St. Biddeford ... Me
BUD RADIO INC., Adv Pg 343 ... 2118 E 55th St. Cleveland 3 ... Ohio
Controlled Atmosphere Enclosures Mfg. Co ... 1061 E. 8th St, Jacksonville 6 ... Fla
Controlled Environment, Inc ... 52 Pickering St. Needham ... Mass
Cutler-Hammer Inc ... 411 N 12th St. Milwaukee 1 ... Wis
Cutler Metal Products Co ... 1025 Line St, Camden ... NJ
DeVilbiss Co ... 300 Phillips Ave, Toledo 1 ... Ohio
Donnelly Mfg. Co ... 580 Winter St. Waltham 54 ... Mass
Eugene Engineering Co. Inc ... 1217 Hyde Park Ave. Hyde Park 36 ... Mass
Farwell Metal Fabricating ... 87 W. Fairfield Ave, St. Paul 7 ... Minn
Formweld Products Co ... 1530 Coit Ave. Cleveland 12 ... Ohio
Hoffman Engineering Corp ... Anoka ... Minn
Huenefeld Co ... 2701 Spring Grove Ave, Cincinnati 25 ... Ohio
Kerrco Inc ... Box 4178, Havelock Sta. Lincoln 7 ... Neb
Kewaunee Scientific Equipment ... 4015 Logan St. Adrian ... Mich
Keystone Mfg. Co ... 23328 Sherwood Ave, Warren ... Mich
Life Instrument Co. Inc ... 100 Brook St. Franklin ... Mass
Pearce Simpson, Inc ... 2295 NW 14th St. Miami 35 ... Fla
Protective Closures Co. Inc. Caplugs Div ... 2207 Elmwood Ave. Buffalo 23 ... NY
SHIELDING INC., Adv Pg 307 ... Box 33, Riverton ... NJ
Topatron, Inc ... 11601 Anabel Ave. Garden Grove ... Cal
Unitized Electronics, Inc ... 4791 Memphis Ave, Cleveland ... Ohio

York Metal Products, Inc ... 350 Greenwich St. New York 13 ... NY
Zero Mfg. Co ... 1121 Chestnut St, Burbank 71 ... Cal

ENCODERS

1. BINARY 2. DIGITAL 3. SHAFT POSITION

ACF Electronics Div., 3 ... Riverdale ... Md
AR & T Electronics, Inc., 1-2-3 ... 1101 McAlmont St., Little Rock ... Ark
Adage, Inc., 1-2 ... 292 Main St, Cambridge ... Mass
Adcon Div. Wayne-George Corp., 1-2-3 ... 588 Commonwealth Ave. Boston 15 ... Mass
Advanced Instrument Corp., 1-2-3 ... 1475 Powell St. Emeryville 8 ... Cal
AIRFLYTE ELECTRONICS CO., 1-3, Adv Pg 342 ... 535-9 Avenue A, Bayonne ... NJ
Airtronics, Inc., 1-2 ... 5522 Dorsey Ln, Washington 16 ... DC
APPLIED ELECTRONICS CORP. OF NJ, 1-2-3, Adv Pg 518 ... 22 Center St. Metuchen ... NJ
Armstrong Whitworth Equipment, 1-3 ... Hucclecote, Gloucester ... Eng
Ascop Div of Electro-Mechanical Research, Inc., 1-2-3 ... Box 44, Princeton ... NJ
Avco Corp. Electronics & Ordnance Div., 1-2 ... Box 116, Cincinnati 15 ... Ohio
Beck's Inc., 1-2-3 ... 298-300 E 5th St. St Paul 1 ... Minn
Bell Aerospace Corp., 1-2-3 ... Box 1, Buffalo 5 ... NY
Bell & Gossett Co., 3 ... 8202 N. Austin Ave, Morton Grove ... Ill
Benson-Lehner Corp., 1-2-3 ... 1860 Franklin, Santa Monica ... Cal
CG Electronics Corp., 1-2 ... 1500 Central E., Albuquerque ... NM
Coleman Electronics, Inc., 1-2-3 ... 133 E. 162nd St, Gardena ... Cal
Colorado Research Corp., 3 ... Broomfield ... Colo
Computer Control Co. Inc., 1-2 ... 983 Concord St. Framingham ... Mass
Computer Sciences, Inc., 3 ... 603 Main St. Westbury ... NY
Computer Techniques Inc., 1 ... 3300 Northern Blvd. Long Island City 1 ... NY
Concord Control, Inc., 1-2-3 ... 1282 Soldiers Field Rd, Boston 35 ... Mass
Consolidated Avionics Corp., 1-2 ... 800 Shames Dr, Westbury ... NY
Control Equipment Corp., 1-2 ... 19 Kearney Rd. Needham Heights 94 ... Mass
Courter Products Div. Model Eng. & Mfg. Inc., 3 ... Boyne City ... Mich
CURTISS WRIGHT CORP. INTERMTN. BR., 2, Adv Pg 474 ... Box 8324, Albuquerque ... NM
Data Equipment Co., 1-2-3 ... 923 E. 3rd St, Los Angeles 13 ... Cal
Data-Master Corp., 1-2 ... 85 Hazel St, Glen Cove ... NY
Digital Equipment Corp., 1-2 ... Maynard ... Mass
Digitool Corp., 1-2-3 ... 5300 Broadway Rd. Houston 27 ... Tex
DORSETT ELECTRONICS, INC., 1-2-3, Adv Pg 299 ... Box 862, Norman ... Okla
Dychro Corp., 1-2-3 ... 49 Walnut St. Wellesley 81 ... Mass
Dynamic Controls Co., 1 ... 2225 Massachusetts Ave, Cambridge ... Mass
Dynamics Research Corp., 3 ... 38 Montvale Ave. Stoneham ... Mass
ECLIPSE PIONEER DIV. BENDIX CORP., 2, Adv Pgs 354, 355 ... Teterboro ... NJ
Electrada Corp., 2 ... 11244 Playa St. Culver City ... Cal
Electro-Mechanical Research, Inc., 1-2-3 ... Box 3041, Sarasota ... Fla
Electro Radiation Inc., 3 ... 11916 W Pico Blvd. Los Angeles 64 ... Cal
Electronic Controls Inc., 1-2 ... 66 Southfield Ave. Stamford ... Conn
ELECTRONIC PRODUCTS CORP., 2, Adv Pgs 545, 546 ... 4642 Belair Rd. Baltimore 6 ... Md
Evershed & Vignoles Ltd., 1-2 ... Chiswick, London W 4 ... Eng
GENERAL DEVICES INC., 1-2, Adv Pg 518 ... Box 253, Princeton ... NJ
Giannini Controls Corp., 1-2-3 ... 1600 S. Mountain Ave, Duarte ... Cal
Globe Electronics, Div. Textron Electronics, Inc., 2 ... 22-30 S 34th St. Council Bluffs ... Iowa
Guidance Controls Corp., 1-3 ... 110 Duffy Ave. Hicksville ... NY
HALLICRAFTERS CO., 1-2, Adv Pg 385 ... 4401 W 5th St. Chicago 24 ... Ill
HAYDON CO., A. W., 1-2-3, Adv Pgs 302, 303 ... 238 N Elm St. Waterbury ... Conn
Huyck Systems Co., 3 ... 360 Wolf Hill Rd. Huntington Sta ... NY
INSTRUMENT DEVELOPMENT LABS. INC., 3, Adv Pg 430 ... 67 Mechanic St. Attleboro ... Mass
Invac Corp., 1 ... 14 Huron Dr. Natick ... Mass
KEARFOTT DIV. GEN PRECISION INC., 1-2-3, Adv Pg 394 ... Little Falls ... NJ
Ketay Dept. Norden Div. United Aircraft Corp., 1-2-3 ... Jericho Tpke. Commack ... NY
Lear Inc., 2-3 ... 3171 S Bundy Dr. Santa Monica ... Cal
Librascope Div., General Precision, Inc., 1-2-3 ... 808 Western Ave, Glendale 1 ... Cal
Marquardt Corp., Pomona Div., 1-2-3 ... 2709 N. Garey Ave, Pomona ... Cal
Midwestern Instruments, Inc., 2 ... Box 7509, Tulsa 18 ... Okla
Milgo Electronic Corp., 1-2 ... 7620 NW 36 Ave, Miami 47 ... Fla
MODEL ENG. & MFG. CORP., 2, Adv Pg 480 ... 50 Frederick St. Huntington ... Ind
Moore Associates, Inc., 1-2 ... 893 American St. San Carlos ... Cal
Network Designers Inc., 1-2 ... 38 E 57th St. New York 22 ... NY
Newton Co., 1-2-3 ... 55 Elm St. Manchester ... Conn
Norden Div. United Aircraft Corp., 2 ... Helen St. Norwalk ... Conn
Ortronix, Inc., 1-2 ... Forsyth Rd. Dr. 8717, Orlando ... Fla
Pacific Mercury Electronics, 2 ... 8345 Hayvenhurst Ave, Sepulveda ... Cal
Radiation at Stanford, 1-2 ... 3180 Hanover St. Palo Alto ... Cal
Rescon Electronics Corp., 1-2 ... 151 Bear Hill Rd. Waltham 54 ... Mass
Ridgefield Instrument Group, Schlumberger Corp., 3 ... Box 337, Ridgefield ... Conn
Rotiform Co., 3 ... 1509 Colorado Ave. Santa Monica ... Cal
Ryan Electronics Div. Ryan Aero. Co., 1-2-3 ... 5650 Kearny Mesa Rd. San Diego 12 ... Cal
Sargent & Greenleaf Inc., 2 ... 24 Seneca Ave. Rochester ... NY
Secode Corp., 2 ... 555 Minnesota St, San Francisco 7 ... Cal
Servonics, Inc., 1-2 ... 822 N. Henry St, Alexandria ... Va
Sierra Research Corp., 2 ... Box 22, Buffalo 25 ... NY
Sorobin Engineering, Inc., 2 ... Box 1717, Melbourne ... Fla
Space Electronics Corp., 2 ... 930 Air Way, Glendale 1 ... Cal
Spectrol Electronics Corp., 2-3 ... 1704 S Del Mar, San Gabriel ... Cal
Sperry Utah Co. Div. Sperry Rand Corp., 1-2 ... 322 N 21st W, Salt Lake City 16 ... Utah
Stony Brook Labs., 1-2 ... 55 State Rd. Princeton ... NJ
Telechrome Mfg Corp., 1-2-3 ... 185 Dixon Ave. Amityville ... NY
Telemetrics, Inc., 1-2 ... 12927 S Budlong, Gardena ... Cal
Texas Instruments Incorporated, Appar Div. Govt Prods Gr., 1-2 ... Box 6015, Dallas 22 ... Tex
TRANSISTOR SPECIALTIES, 1-2-3, Adv Pg 325 ... Terminal Dr. Plainview ... NY
Walkirt Co., 1-2 ... 141 W Hazel St. Inglewood 3 ... Cal
Wang Laboratories, Inc., 1-2-3 ... 12 Huron Dr, Natick ... Mass

ENGRAVING & PROFILING SERVICES

Ackerman Engravers, Inc ... 458 Broadway, New York ... NY
Apahouse Corp ... 1312 Boylston St, Boston ... Mass
Beck's Inc ... 298-300 E 5th St. St Paul 1 ... Minn
Com-Craft Co ... 183 Fairlawn Ave, Waterbury ... Conn
Dura Plastics of New York, Inc ... 303 Fifth Ave, New York 16 ... NY
Duralith Corp ... 1025 Race St, Philadelphia 7 ... Pa
Farwest Mfg. Div. Inc ... 209 1st St. Seattle ... Wash

Fisher & Crome	107 N. Camac St, Philadelphia 7	Pa
Griffin Co., John	2117 Grand Ave. St Paul 5	Minn
Heiko Products Co	245 W 55th St. New York	NY
Hermes Plastics Inc	154 W 14th St. New York 11	NY
Industrial Engravers, Inc	2212 McDonald Ave, Brooklyn 23	NY
Jan Hardware Mfg Co. Inc	38-01 Queens Blvd. Long Island City 1	NY
Microtron Inc. Pyrocircuits Div	6 Manhasset Ave. Port Washington	NY
Monroe Industries Inc	932 36 St. SE, Grand Rapids 8	Mich
New England Etching Co. Inc	25 Spring St. Holyoke	Mass
Nichols, Ltd., R.H.	4544 Dufferin St, Downsview, Ontario, Canada	
Numberall Stamp & Tool Co	Huguenot Park, Staten Island 12	NY
Oki & Williamson, Ltd	47 Crockford Blvd, Toronto 16, Ontario, Canada	
Pearce Simpson, Inc	2295 NW 14th St. Miami 35	Fla
Phillips Electronics Mfg Co	119 Allen Blvd. Farmingdale	NY
Precision Engraving Co	13 Ridgedale Ave. Hanover	NJ
Ross Co., Milton	219 Jacksonville Rd, Hatboro	Pa
Wiley Electronic Products Co	2045 W Cheryl Dr. Phoenix	Ariz

ENVELOPES -*TUBE* See TUBE PARTS
ENVIRONMENTAL CHAMBERS & TEST EQUIPMENT See CHAMBERS: MACHINES: VIBRATION ANALYSIS EQUIPMENT: VIBRATORS
ENVIRONMENTAL TEST LABORATORIES See LABORATORIES
EPOXY ADHESIVES See ADHESIVES
EPOXY LAMINATES See LAMINATES -*COPPER-CLAD*
EPOXY PENCILS See ADHESIVES -*EPOXY*
EPOXY PREFORMS See FORMS -*EPOXY*
EPOXY RESINS See PLASTICS
EPOXY RESIN SOLVENTS See SOLVENTS -*EPOXY RESIN*
EQUALIZERS - A-F See FILTERS -*EQUALIZER*
EQUIPMENT SERVICING See SERVICING MANUFACTURERS EQUIPMENT

ERASERS -*BULK MAGNETIC TAPE*

Amplifier Corp of America	396 Broadway, New York 13	NY
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
Librascope, Div. General Precision Inc	808 Western Ave. Glendale	Cal
Robins Industries Corp	36-27 Prince St, Flushing 54	NY
Stancil-Hoffman Corp	845 N Highland Ave. Hollywood 38	Cal
Telectro Industries Corp	35-16 - 37th St. Long Island City 1	NY

ESCUTCHEONS

Brady Co., W. H.	727 W Glendale Ave. Milwaukee 12	Wis
Control Devices, Inc	925 S Eton Rd. Birmingham	Mich
Dura Plastics of New York Inc	303 5th Ave. New York 16	NY
Duralith Corp	1025 Race St, Philadelphia 7	Pa
Jan Hardware Mfg Co. Inc	38-01 Queens Blvd. Long Island City 1	NY
Monroe Industries Inc	932 36 St. SE, Grand Rapids 8	Mich
Oki & Williamson Ltd	47 Crockford Blvd. Toronto 16	Ont
ROGAN BROTHERS, Adv Pg 555	**8031 N Monticello Ave. Skokie**	Ill
Ross Co., Milton	239 Jacksonville Rd, Hatboro	Pa
United Fabricators Electronics, Inc	Stillwater	Minn
Waldom Electronics Inc	4621 W 53rd St. Chicago 32	Ill
York Metal Products, Inc	350 Greenwich St. New York 13	NY

ETCHED CIRCUIT BOARDS See LAMINATES
ETCHED CIRCUITS See CIRCUITS -*PRINTED WIRING, CUSTOM SERVICE*
ETCHED COMPONENTS See COMPONENTS -*PHOTO-ETCHED*
ETCHED-WIRING TRANSFORMERS See TRANSFORMERS -*AIR-CORE*
ETCHING ACIDS See CHEMICALS -*PRINTED-CIRCUIT*
ETCHING EQUIPMENT See MACHINES -*PRINTED-CIRCUIT PRODUCTION*
ETHYL CELLULOSE See PLASTICS
E-TYPE LAMINATED CORES See CORES -*LAMINATED*
EVAPORATIVE COOLING UNITS See COOLING UNITS

EXCITERS -*VIBRATION*

1. RANDOM 2. SINUSOIDAL

Bruel & Kjaer, 1-2	Lindealle 23, Naerum	Denmark
Electrowest, Inc., 1-2	2351 Albatross Way, Sacramento 15	Cal
Elin Div. IERC, 2	135 W Magnolia Blvd. Burbank	Cal
Gaynes Engineering Co., 2	1642 W Fulton St, Chicago 12	Ill
Genisco, Inc., 1-2	2233 Federal Ave, Los Angeles 64	Cal
Ling Electronics Div. Ling-Temco Electronics, Inc., 1-2	1515 S Manchester Ave. Anaheim	Cal
MASSA DIV. COHU ELECTRONICS, INC., 2 Adv Pgs 442, 443	**280 Lincoln St, Hingham**	Mass
Muirhead & Co., Ltd., 2	Beckenham, Kent, England	
Raytheon Co. Ind Components Div., 1	55 Chapel St. Newton 58	Mass
Servomex Controls Ltd., 1-2	Crowborough, Sussex	Eng
Solartron, Inc., 2	1742 S. Zeyn St, Anaheim	Cal
Television Corp	Wheeling & Exchange Rds. Wheeling	Ill
UNHOLTZ-DICKIE CORP., 1-2 Adv Pg 363	**2994 Whitney Ave. Hamden 18**	Conn
Wyle Labs. Mfg Div., 1	133 Center St, El Segundo	Cal

EXPANSION BOLTS See BOLTS
EXPLOSIVE-ACTUATED SWITCHES See SWITCHES -*AUTOMATICALLY OPERATED*
EXPOSURE METERS See METERS -*LIGHT*
EXTRUDED PLASTIC PARTS See PLASTICS -*FINISHED PARTS*
EYELET INSERTERS See MACHINES -*EYELET-INSTALLING*

EYELETS

1. GENERAL-PURPOSE (MECHANICAL ASSEMBLY) *2. PRINTED-CIRCUIT & TERMINAL-BOARD*

Acme Metal Engineering Co., 1	6224 15th Ave. Brooklyn 19	NY
Amatom Electronic Hardware Co., Inc., 1-2	88 Drake Ave, New Rochelle	NY
Anaconda American Brass Co., 1	414 Meadow St, Waterbury 20	Conn
Bellendi Co., Inc., M., 2	7508 W. Grand Ave, Elmwood Park	Ill
Cambridge Thermionic Corp., 2	445 Concord Ave, Cambridge 38	Mass
Carr Fastener Co., Div., United-Carr, 1	31 Ames St, Cambridge 42	Mass
Chase Brass & Copper Co., Inc., 1	236 Grand St, Waterbury 20	Conn
CIRCON COMPONENT CORP., 1-2, Adv Pg 446	**Santa Barbara Airport, Goleta**	Cal
CLY-DEL MFG CO., 1-2, Adv Pg 400	**42 Sharon Rd. Waterbury**	Conn
Dean Plastics Inc., 1-2	110 Herbert Ave. Closter	NJ
Erlin Corp., 2	Fellowship Rd. & Rte 73, Maple Shade	NJ
EYELET TOOL CO., 1, Adv Pg 459	**31 Carleton St. Cambridge**	Mass
Farwest Mfg. Div. Inc., 2	209 1st St. Seattle	Wash
Fastex Div. Illinois Tool Works, 1	195 Algonquin Rd. Des Plaines	Ill
FEDERAL SCREW PRODUCTS INC., 1, Adv Pg 553	**3917 N Kedzie Ave. Chicago 18**	Ill
Gemex Corp. Industrial Div., 1-2	1200 Commerce Ave. Union	NJ

Graphic-Circuits Div. Cinch, 2	200 S Turnbull Canyon, City of Ind	Cal
H & H MACHINE CORP., 1, Adv Pg 458	**Noble & Jackson Sts. Norristown**	Pa
Hamilton Standard Div. United Aircraft Corp., 2	Broad Brook	Conn
Johnson & Hoffman Mfg. Corp., 1	31 E. Second St, Mineola	NY
Keystone Electronics Corp., 1	49 Bleecker St. New York 12	NY
Laminated Sheet Products Corp., 2	449 Neponset St. Norwood	Mass
Lerco Div. Microdot Inc., 2	501 S Varney St. Burbank	Cal
Mercury Air Parts Co., 1	9310 W Jefferson Blvd. Culver City	Cal
Microdot, Inc., 1-2	220 Pasadena Ave. South Pasadena	Cal
Printronics Corp., 2	3127 El Camino Real, Palo Alto	Cal
Ramco Mfg. Co., 1-2	540 Westfield Ave. West Roselle Park	NJ
Revere Copper & Brass, Inc., 1-2	230 Park Ave. New York 17	NY
Rimak Electronics Inc., 2	10929 Vanowen St. N Hollywood	Cal
Segal, Edward, 1-2	132 Lafayette St, New York 13	NY
Spec-Tronics, 1-2	13942 Saticoy Ave, Van Nuys	Cal
Staver Co. Inc., 1-2	41 N Saxon Ave. Bay Shore	NY
Stimpson Co., inc., Edwin B., 1-2	74 Franklin Ave, Brooklyn 5	NY
Sylvania Electric Products Inc. Parts Div., 1-2	12 2nd Ave. Warren	Pa
Telectro Industries Corp., 1-2	35-16 - 37th St. Long Island City 1	NY
USI Robodyne Div., 1	12345 New Columbia Pike, Silver Spring	Md
UCINITE CO. DIV. UCF, 2, Adv Pg 69	**459 Watertown St. Newtonville**	Mass
United Mineral & Chemical Corp., 1-2	16 Hudson St. New York 13	NY
United Shoe Machinery Corp., 1-2	140 Federal St. Boston	Mass
U.S. Engineering Co., Div., Litton Ind., 2	13536 Saticoy, Van Nuys	Cal
VECTOR ELECTRONIC CO., 2, Adv Pg 544	**1100 Flower St. Glendale 1**	Cal
Volkert Stampings, Inc., 2	222-34 96th Ave, Queens Village 29	NY
Waterbury Companies, Inc., 1-2	Waterbury 20	Conn

FABRIC PARTS

1. CLOTH PARTS *4. PLASTIC FABRIC*
2. FELT PARTS *5. VARNISHED CAMBRIC*
3. GLASS FIBER FABRIC *6. WOVEN WIRE*

Almac Plastics Inc., 4	600 Broadway, New York 12	NY
American Felt Co., 2	10 Glenville Road, Glenville	Conn
Apex Coated Fabrics Co., 4	12 E. 22nd St, New York 10	NY
Auburn Mfg. Co., The, 1-2-3-4-5	Pease Ave. & Stack St. Middletown	Conn
Avery Label Co., 1-2	1616 S California Ave. Monrovia	Cal
Barwood Mfg. Co., Inc., L. J., 1-2-3-4-5-6	22 Williams St. Everett 49	Mass
Bestcraft Products Co., Inc., 1-2-3-4-5-6	626 Broadway, New York	NY
Boston Felt Co., 2	24 Brook St. Newton	Mass
Cambridge Wire Cloth Co., 6	Cambridge	Md
CARBORUNDUM CO. REFRACTORIES DIV., 3, Adv Pgs 104, 105	**Perth Amboy**	NJ
Cortland Industries, Inc., 5	4545 Cortland St. Chicago 39	Ill
Daniels, Inc., C.R., 1-2-3-4	Daniels	Md
Dean Plastics Inc., 4	110 Herbert Ave. Closter	NJ
ELECTRICAL INSULATION CO. INC., 3-4, Adv Pg 500	**1245 Merconi Blvd. Copiague**	NY
Emmco Plastics Corp., 3-4	68 Vine St. Everett	Mass
ETCHOMATIC INC., 4, Adv Pg 520	**182 Newton St. Waltham 54**	Mass
Factory Enterprises Inc., 4-6	3431 Butler St. Pittsburgh 1	Pa
Felt Products Mfg. Co., 2	7450 N. McCormick Blvd, Skokie	Ill
Felters Co., 2	210 South St, Boston 11	Mass
Flock Process Co., Inc., 6	373 Main Ave, Norwalk	Conn
General Gaskets Inc., 2	Middletown	Conn
Hastings Plastics, Inc., 3-6	1704 Colorado Ave. Santa Monica	Cal
Insulation Manufacturers Corp., 1-3-4-5	565 W Washington Blvd. Chicago 6	Ill
Kressilk Products, Inc., 4-6	73 Murray St. New York 7	NY
Laminated Sheet Products Corp., 4	449 Neponset St. Norwood	Mass
Lamtex Industries Inc., 3-4	Motor Ave, Farmingdale	NY
Mechanical Felt & Textiles Co., 1-2-4-6	50 W. 18 St, Weehawken	NJ
MILLER-STEPHENSON CHEMICAL CO. INC., 3, Adv Pg 450	**39 Day St. South Norwalk**	Conn
Minnesota Mining & Mfg Co. Electrical Tapes, 3-4-5	900 Bush Ave. St Paul 6	Minn
National Electric Coil Div. McGraw Edison Co., 5	800 King Ave. Columbus 16	Ohio
National Felt Co., 2	76 Summer St, Boston 10	Mass
National Gasket & Washer Mfg. Co. Inc., 1-2-3-4-5-6	124 E 25 St. New York 10	NY
NATVAR CORP., 5, Adv Pg 523	**Woodbridge**	NJ
Newark Wire Cloth Co., 6	353 Verona Ave, Newark	NJ
Penn Fibre & Specialty Co., 2-4-5	2020 E Westmoreland St. Phila. 34	Pa
Rentein Inc., Geo., 6	555 Legendre St. E Montreal 11	Can
Russell Gasket Co., 1-2-3-4-5	7424 Bessemer Ave, Cleveland 27	Ohio
Speed Electronics Inc., 1-2-3-4-5-6	177 Mill Ln. Mountainside	NJ
Summit Industries, Inc., 3	2114 N. Rosecrans Ave, Gardena	Cal
Telecomputing Corp., 3	915 N Citrus Ave. Hollywood	Cal
Thompson Fiber Glass, H.I., 1-2-3-4	1733 Cordova St. Los Angeles 7	Cal
Tingstol Co., 3-4	1340 W. Fullerton, Chicago 14	Ill
Topper Mfg Co. Inc., 3	84-56 Parsons Blvd. Jamaica 32	NY
Travis Fabrics Co., 1-4	1071 6th Ave. New York 18	NY
Tyler Co., W.S., 6	3620 Superior Ave, Cleveland 14	Ohio
Western Felt Works, 2	4029 Ogden Ave, Chicago	Ill
WIRE CLOTH ENTERPRISES INC., 4-6, Adv Pg 535	**3408 Penn Ave. Pittsburgh 1**	Pa
Wright Steel & Wire Co., G. F., 6	245 Stafford St. Worcester	Mass

FABRICS

1. CLOTH *5. SPEAKER GRILLE-CLOTH, PLASTIC OR WIRE*
2. FELT *6. VARNISHED CAMBRIC*
3. GLASS FIBER *7. WOVEN WIRE*
4. PLASTIC

Advance Process Supply Co., 1-7	2315 W Huron St. Chicago 12	Ill
Almac Plastics Inc., 4-5	600 Broadway, New York 12	NY
American Felt Co., 2	10 Glenville Rd, Glenville	Conn
Aeflex Products Dept. Amer. Mach. & Fdry Co., 3	689 Hope St, Springdale	Conn
Apex Coated Fabrics Co., 4	12 E. 22nd St, New York 10	NY
Auburn Mfg. Co., The, 2-4-6	Pease Ave. & Stack St. Middletown	Conn
Boston Felt Co., 2	24 Brook St. Newton	Mass
Cambridge Wire Cloth Co., 7	Cambridge	Md
CARBORUNDUM CO. REFRACTORIES DIV., 3, Adv Pgs 104, 105	**Perth Amboy**	NJ
Croname, Inc., 5	6247 Howard St, Chicago 48	Ill
Daniels, Inc., C.R., 1-2-3-4	Daniels	Md
Dean Plastics Inc., 4	110 Herbert Ave. Closter	NJ
du Pont de Nemours & Co., Inc., E.I., 2-3-4	Wilmington 98	Del
Emmco Plastics Corp., 3-4	68 Vine St. Everett	Mass
ETCHOMATIC INC., 7, Adv Pg 520	**182 Newton St. Waltham 54**	Mass
Factory Enterprises Inc., 4-7	3431 Butler St. Pittsburgh 1	Pa
Felters Co., 2	210 South St, Boston 11	Mass
Fiberite Corp., 4	516 W 4th St. Winona	Minn
Flock Process Co., Inc., 4-5-7	373 Main Ave, Norwalk	Conn
G-C Electronics Co., 5	400 S Wyman St. Rockford	Ill
General Tire & Rubber Co., 4	Akron	Ohio
Hastings Plastics, Inc., 3-7	1704 Colorado Ave. Santa Monica	Cal
Insulating Fabricators, Inc., 6	150 Union Ave. East Rutherford	NJ
Insulation Manufacturers Corp., 6	565 W Washington Blvd. Chicago 6	Ill
Laminated Sheet Products Corp., 3-4	449 Neponset St. Norwood	Mass
Ludlow-Saylor Wire Cloth Co., 7	640 S. Newstead Ave, St. Louis	Mo
Mechanical Felt & Textile Co., 2-5-7	50 W. 18 St, Weehawken	NJ
MILLER-STEPHENSON CHEMICAL CO. INC., 3-4, Adv Pg 450	**39 Day St. South Norwalk**	Conn
Minnesota Mining & Mfg Co. Electrical Tapes, 3-4-6	900 Bush Ave. St Paul 6	Minn
National Electric Coil Div., McGraw Edison Co., 6	800 King Ave, Columbus 16	Ohio
National Felt Co., 2	76 Summer St, Boston 10	Mass
National-Standard Co., 7	Niles	Mich
NATVAR CORP., 6, Adv Pg 523	**Woodbridge**	NJ
New Jersey Wood Finishing Co., 6	Amboy Ave. Woodbridge	NJ
Newark Wire Cloth Co., 5-7	353 Verona Ave. Newark	NJ
Newcastle Fabrics Corp., 5	80 Wythe Ave, Brooklyn 11	NY
Rentein Inc., Geo., 7	555 Legendre St. E Montreal 11	Can
Russell Gasket Co., 1-2-3-4	7424 Bessemer Ave, Cleveland 27	Ohio
Ryerson & Son Inc. J T., 7	2558 W 16th St. Chicago 8	Ill
Schjeldahl Co., G.T., 4	P.O. Box 170, Northfield	Minn
Standard Felt Co., Div., Victoreen Instrument Co., 2	29 S. Palm Ave, Alhambra	Cal
Telecomputing Corp., 3-4	915 N Citrus Ave. Hollywood	Cal
Travis Fabrics Co., 1-4-5	1071 6th Ave. New York 18	NY
Tyler Co., W.S., 7	3620 Superior Ave, Cleveland 14	Ohio
Unique Wire Weaving Co. Inc., 7	759 Ramsey Ave. Hillside	NJ
U.S. Rubber Co., 1-4	1230 Ave of the Americas, New York 20	NY
U.S. Steel Corp., 7	525 Wm Penn Pl, Pittsburgh 30	Pa
Western Felt Works, 2	4029 Ogden Ave, Chicago	Ill
Westinghouse-Micarta Div., 1-3-4-6	Hampton	SC
WIRE CLOTH ENTERPRISES INC., 4-7, Adv Pg 535	**3408 Penn Ave. Pittsburgh 1**	Pa
Wright Steel & Wire Co., G. F., 5-7	245 Stafford St. Worcester	Mass

FABRIC TUBING See TUBING -*NONMETALLIC*

FACEPLATES - TV

Bausch & Lomb Inc	61462 Bausch St. Rochester 2	NY
U.S. RADIUM CORP., Adv Pg 200	**P.O. Box 246, Morristown**	NJ

FACSIMILE EQUIPMENT

1. AMPLIFIERS *5. RECORDING PAPER*
2. CONVERTERS *6. SCANNERS*
3. RECEIVERS *7. TRANSMITTERS*
4. RECORDERS
SYSTEMS See COMMUNICATION SYSTEMS

Aeroflex Corp., 3-6-7	48-25 36th St. Long Island City	NY
ALDEN ELECTONIC & IMPULSE RECORDING EQUIP CO., 1-2-3-4-5-6-7, Adv Pg 358	**P.O. Box 125, Westboro**	Mass
Alfax Paper & Engineering Co., 5	Washington St, P.O. Box 125, Westboro	Mass
Bristol Co., 4-5	Box 1790 EBG, Waterbury 20	Conn
Canadian Marconi Co., 1-3-4-7	2444 Trenton Ave. Montreal	Que
Crosby Teletronics Corp., 2	54 Kinkel St. Westbury	NY
Data Equipment Co., 1-2-4-6-7	923 E. 3rd St, Los Angeles 13	Cal
Designers for Industry, 3-7	4241 Fulton Pkwy. Cleveland 9	Ohio
Electrada Corp., 5	11244 Playa St. Culver City	Cal
Engineer-Design & Development Co., 4	60 Pennington St. Newark 2	NJ
Fairchild Camera & Instrument Corp. Ind Prods Div., 3-7	580 Midland Ave. Yonkers	NY
Ford Instrument Co. Div. Sperry Rand Corp., 2-7	31-10 Thomson Ave. Long Island City 1	NY
General Dynamics/Electronics, Info Tech Div., 3-4-7	1895 Hancock St. San Diego 12	Cal
Gibbs Mfg. & Research Corp., 1-2	454 N Main St. Janesville	Wis
Hogan Faximile Corp., 1-2-3-4-5-6-7	635 Greenwich St. New York 14	NY
Huyck Systems Co., 6	360 Wolf Hill Rd. Huntington Sta	NY
KYORITSU ELECTRICAL INSTRUMENTS WKS. LTD., 2, Adv Pg 254	**120, Nakane-cho, Meguro-ku, Tokyo**	Jap
Larson Instrument Co., 4	Greenbush Rd. Orangeburg	NY
MacLeod & Hanopol, Inc., 2	10 Roland St. Charlestown 29	Mass
Marquardt Corp. Pomona Div., 1-2	2709 N Garey Ave. Pomona	Cal
Minn-Honeywell, Military Prods Gr., 3-7	2600 Ridgway Rd. Minneapolis 13	Minn
Muirhead & Co., Ltd., 2-3-4-5-6-7	Beckenham, Kent, England	
NORTHERN RADIO CO. INC., 2, Adv Pgs 137-139	**143-145 W 22nd St. New York 11**	NY
Philco Corp. Govt & Ind Div., 7	4700 Wissahickon Ave. Phila 44	Pa
Photomechanisms Inc., 4	15 Stepar Pl. Huntington Sta	NY
Soroban Engineering, Inc., 4	Box 1717, Melbourne	Fla
Space Electronics Corp., 3	930 Air Way, Glendale 1	Cal
Stewart-Warner Electronics, Div. Stewart-Warner Corp., 3-4-6-7	1300 N Kostner Ave. Chicago 51	Ill
TECHNICAL MATERIEL CORP., 3-7, Adv Pg 346	**700 Fenimore Rd. Mamaroneck**	NY
TELautograph Corp., 3-4-5-6-7	8700 Bellanca Ave. Los Angeles 45	Cal
Telectro Industries Corp., 1-2-3-4	35-16 - 37th St. Long Island City 1	NY
Transline Electronic Mfg. Co., 1-2-3-4-6-7	503 McCarter Hwy. Newark 2	NJ
Western Union Telegraph Co., 3-4-5-6-7	60 Hudson St. New York 13	NY
Westrex Corp. Div. Litton Industries, 1-2-3-4-5-6 7	540 W 58th St. New York 19	NY
Winder Aircraft Corp., 1-2-3-7	Dunnellon Air Base, Dunnellon	Fla
Woodland Electronics Co. Inc., 1-2-3-4-6-7	503 McCarter Hwy. Newark 2	NJ

FAHNESTOCK CLIPS See CLIPS

FAIRLEADS -*AIRCRAFT TRAILING-WIRE ANTENNA*

Winder Aircraft Corp	Dunnellon Air Base, Dunnellon	Fla

FANS See BLOWERS

FASTENERS & FASTENING DEVICES See *Also* BOLTS: CLAMPS: CLIPS: FIXTURES: HOLDERS: NUTS: RIVETS: SCREWS

Accurate Spring Mfg. Co.	3811 W Lake St. Chicago 24	Ill
Aero Bolt & Screw Co.	1017 Arbor Vitae, Inglewood	Cal
Aluminum Co of America	Alcoa Bldg. Pittsburgh 19	Pa

Anti-Corrosive Metal Products Co. Inc	Castleton-on-Hudson	NY
Burklyn Co	3429 Glendale Blvd. Los Angeles 39	Cal
Camloc Fastener Corp	22 Spring Valley Rd, Paramus	NJ
Carr Fastener Co., Div., United-Carr	31 Ames St, Cambridge 42	Mass
Chicago Rivet & Machine Co	Bellwood	Ill
Chicago Screw Co	2703 Washington Blvd, Bellwood	Ill
Continental Screw Co	Dept JA, 459 Mt Pleasant St. New Bedford	Mass
DIMCO-GRAY CO., Adv Pg 396	**207 E 6th St. Dayton**	**Ohio**
Dzus Fastener Co., Inc	125 Union St, West Islip	NY
Elco Tool & Screw Co	1111 Samuelson Rd, Rockford	Ill
Everard Tap & Die Corp	213 E. 144th St, New York 51	NY
Fasteners, Inc	198 Columbus Ave, Pittsfield	Mass
Fastex Div., Illinois Tool Works	195 Algonquin Rd, Des Plaines	Ill
Garrett Co., Inc., George K.	Torresdale Ave at Tolbut St, Phila 36	Pa
Gemex Corp. Industrial Div	1200 Commerce Ave, Union	NJ
General Hardware Mfg. Co. Inc	82 White St. New York 13	NY
Gillen Co., John	2540 S 54th Ave. Cicero	Ill
Glenair, Inc.	1211 Airway, Glendale	Cal
Goodrich Aviation Products, B. F., Div. B. F. Goodrich Co	Akron	Ohio
GREAT EASTERN METAL PRODUCTS CO., Adv Pg 452	**22 Woodworth Ave. Yonkers**	**NY**
HK Metal Craft Mfg Corp	3775 Tenth Ave. New York 34	NY
Hartwell Corp	9035 Venice Blvd. Los Angeles 34	Cal
Huck Mfg Co	2480 Bellevue Ave. Detroit 7	Mich
I. E. Manufacturing	3041 Carroll, Chicago 12	Ill
Kaynar Mfg. Co. Inc	Box 2001, Term. Annx. Los Angeles 54	Cal
Molly Corp	232 N 5th St. Reading	Pa
Monadnock Mills, Div. UCF	1977 1st Ave. San Leandro	Cal
Morris Co., J. I.	376 Elm St. Southbridge	Mass
Navan Products, Inc., Sub., North American Aviation, Inc.	900 N. Sepulveda, El Segundo	Cal
NIELSEN HARDWARE CORP., Adv Pg 70	**770 Wethersfield Ave. Hartford 1**	**Conn**
North & Judd Mfg. Co	500 E. Main St, New Britain	Conn
Palnut Co. Div. U C F	77A Glen Rd. Mountainside	NJ
Penn Engineering & Mfg. Corp	Box 311, Doylestown	Pa
Pheoll Mfg. Co., Inc	5700 Roosevelt Rd, Chicago 50	Ill
Prestole Corp	1345 Miami St. Toledo 5	Ohio
Raytheon Co. Ind Components Div	55 Chapel St. Newton 58	Mass
Rosan, Inc	2901 W. Coast Hwy, Newport Beach	Cal
Set Screw Mfg. Co	470 Main St, Bartlett	Ill
Shakeproof Div., Ill Tool Works	St. Charles Rd, Elgin	Ill
Simmonds Precision Prods Inc	105 White Plains Rd. Tarrytown	NY
Simmons Fastener Corp	1752 N. Broadway, Albany 1	NY
Southco Div., South Chester Corp	Lester	Pa
Standard Insert Co	12272 Montague St. Pacoima	Cal
Staver Co., Inc	41 N. Saxon Ave, Bay Shore	NY
TA Mfg Corp	4613 Alger St. Los Angeles 39	Cal
Thompson-Bremer & Co. Div. AMF	228 N LaSalle St. Chicago 1	Ill
Thomson Mfg. Co., Judson L.	22 Sawyer Rd, Waltham 54	Mass
Tinnerman Products Inc	Dept. 16, Box 6688, Cleveland 1	Ohio
Torrington Co	59 Field St. Torrington	Conn
Waldes Kohinoor, Inc	47-16 Austel Pl, Long Island City 1	NY
Waldom Electronics Inc	4621 W 53rd St. Chicago 32	Ill
Western Sky Industries	21301 Cloud Way, Hayward	Cal

FATHOMETERS See DEPTH SOUNDERS
FAULT LOCATORS See LOCATORS -*CABLE & LINE FAULT*
FEEDER SPREADER INSULATORS See INSULATORS -*ANTENNA*

FEED SYSTEMS -*ANTENNA*

A G A Corp	1200 Duke St. Alexandria	Va
Airtec, Inc	139 E. First Ave, Roselle	NJ
Andrew California Corp	941 E Maryland Ave. Claremont	Cal
Chu Associates	Box 387, Littleton	Mass
Don-Lan Electronics Inc	1131 Olympic Blvd. Santa Monica	Cal
Electrada Corp	11244 Playa St. Culver City	Cal
Kearfott Div. Gen. Precision Inc. Microwave Prods	14844 Oxnard St. Van Nuys	Cal
Meridian Metalcraft, Inc	8739 S. Millergrove Dr, Whittier	Cal
MICROWAVE CORP. OF AMERICA, Adv Pg 462	**P.O. Box 278, Stanford**	**Conn**
Prodelin Inc	307 Bergen Ave. Kearny	NJ
SANDERS ASSOCIATES, INC., Adv Pg 380	**95 Canal St. Nashua**	**NH**
Smith Mfg. Co., J&H	Little Britain Rd, Newburgh	NY
Sperry Microwave Electronics Co	P.O. Box 1828, Clearwater	Fla
Turbo Machine Co	840 N Main St. Lansdale	Pa
U. S. Dielectric Products, Inc	98 Adams St. Leominster	Mass
Waveline, Inc	Box 718, Caldwell	NJ

FEED-THROUGH CAPACITORS See CAPACITORS -*FIXED*
FEED-THROUGH INSULATORS See INSULATORS -*FEED-THROUGH*
FELT See FABRICS
FELT FIBERS See FIBERS
FELT PARTS See FABRIC PARTS
FERRITE APERTURE PLATES See MEMORIES -*COMPUTER*
FERRITE CORE PLANES See MEMORIES -*COMPUTER*
FERRITE CORES See CORES -*MOLDED MAGNETIC*
FERRITE ISOLATORS See ISOLATORS
FERRITE MAGNETS See MAGNETS -*PERMANENT*
FERRITE MODULATORS See MODULATORS
FERRITE-ROD ANTENNAS See ANTENNAS -*RADIO RECEIVING*

FERRITES -*RAW MATERIAL* See Also GARNET

GENERAL CERAMICS DIV. INDIANA GENERAL CORP., Adv Pg 77	**Keasbey**	**NJ**
Kearfott Div. Gen. Precision Inc. Microwave Prods	14844 Oxnard St. Van Nuys	Cal
KRYSTINEL CORP Adv Pg 519	**Box 6, Fox Island Rd. Port Chester**	**NY**
A.D. Mackay, Inc	198 Broadway, New York 38	NY
RAYTHEON CO. SPECIAL MICROWAVE DEVICE OPER., Adv Pgs 38, 39	**Waltham Industrial Park, Waltham 54**	**Mass**
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla

FIBERBOARD BOXES See BOXES -*SHIPPING*

FIBRES -*RAW MATERIAL*

1. COTTON 2. FELT 3. GLASS 4. PLASTIC 5. WOOD

Almac Plastics Inc., 4	600 Broadway, New York 12	NY
American Felt Co., 2	10 Glenville Rd, Glenville	Conn
Apex Coated Fabrics Co., 4	12 E. 22nd St, New York 10	NY
CARBORUNDUM CO. REFRACTORIES DIV., 3, Adv Pgs 104, 105	**Perth Amboy**	**NJ**
Crystal-X Corp., 4	403 Lenni Rd. Lenni Mills 2	Pa
Dow Chemical Co., 4	Midland	Mich
duPont de Nemours & Co. Inc., E. I., 4	Wilmington 98	Del
ELECTRICAL INSULATION CO. INC., 3-4, Adv Pg 500	**1245 Marconi Blvd. Copiague**	**NY**
Felters Co., 2	210 South St, Boston 11	Mass
Fiberite Corp., 4	516 W 4th St. Winona	Minn
Fish-Schurman Corp., 3	70 Portman Rd, New Rochelle	NY
Goodyear Tire & Rubber Co. Inc. Chemical Div., 4	1144 E Market St. Akron 16	Ohio
Hastings Plastics, Inc., 3	1704 Colorado Ave. Santa Monica	Cal
Haveg Industries Inc., 3-4	900 Greenbank Rd. Wilmington 8	Del
Johns-Manville, 3	22 E. 40 St, New York 16	NY
Laminated Sheet Products Corp	449 Neponset St. Norwood	Mass
Mechanical Felt & Textiles Co., 2	50 N. 18 St, Hoboken	NJ
MILLER-STEPHENSON CHEMICAL CO. INC., 3, Adv Pg 450	**39 Day St. South Norwalk**	**Conn**
National Felt Co., 2	76 Summer St, Boston 10	Mass
Optics Technology Inc., 3	248 Harbor Blvd. Belmont	Cal
Penn Fibre & Specialty Co., 2-4	2020 E Westmoreland St. Phila. 34	Pa
Plastics Div. Allied Chem. Corp., 4	40 Rector St. New York 6	NY
Russell Gasket Co., 3	7424 Bessemer Ave, Cleveland 27	Ohio
Standard Felt Co. Div. Victoreen Instrument Co., 2	29 S Palm Ave, Alhambra	Cal
Thompson Fiber Glass Co., H.I., 3	1733 Cordova St, Los Angeles 7	Cal
U.S. Rubber Co., 4	1230 Ave of the Americas, New York 20	NY
Western Felt Works, 2	4029 Ogden Ave, Chicago	Ill

FIBRE -*VULCANIZED, PARTS, RODS & SHEETS*

Auburn Mfg. Co., The	Pease Ave & Steck St, Middletown	Conn
Baer Co., N.S.	9 Montgomery St, Hillside	NJ
Bestcraft Products Co., Inc.	626 Broadway, New York	NY
Cortland Industries, Inc	4545 Cortland St. Chicago 39	Ill
Crystal-X Corp.	403 Lenni Rd. Lenni Mills 2	Pa
ELECTRICAL INSULATION CO. INC., Adv Pg 500	**1245 Marconi Blvd. Copiague**	**NY**
Fisher & Crome	107 N. Camac St, Philadelphia 7	Pa
Franklin Fibre Lamitex Corp	P.O. Box 1768, Wilmington	Del
General Gaskets, Inc	Middletown	Conn
Insulating Fabricators, Inc	150 Union Ave, East Rutherford	NJ
Insulation Manufacturers Corp	565 W Washington Blvd. Chicago 6	Ill
Laminated Sheet Products Corp	449 Neponset St. Norwood	Mass
Long, Inc., Thomas J.	215 Stonehinge Ln, Carle Place	NY
National Vulcanized Fibre Co	Box 311, Wilmington 99	Del
Nemo Labs, Inc	8 Lawrence St. Belleville 7	NJ
Penn Fibre & Specialty Co	2020 E. Westmoreland St, Philadelphia 34	Pa
Spaulding Fibre Co. Inc	310 Wheeler St. Tonawanda	NY
Speed Electronics Inc	177 Mill Ln. Mountainside	NJ
Taylor Fibre Co	Norristown 51	Pa
Wilmington Fibre Specialty Co	New Castle 6	Del

FIBRE -*VULCANIZED: TUBING* See TUBING -*NONMETALLIC*
FIELD COILS See COILS
FIELD-STRENGTH METERS See METERS -*FIELD-STRENGTH*
FILAMENT WIRE See WIRE -*RESISTANCE*
FILLERS FOR PLASTICS See PLASTICS -*FILLERS FOR*
FILM RECORDERS See RECORDERS -*FILM*
FILMS -*CAPACITOR & INSULATING* See PLASTICS -*FILM*

FILMS -*INFRARED*

Eastman Kodak Co	343 State St, Rochester 4	NY
Gordon Enterprises	5362 N Cahuenga Blvd. N Hollywood	Cal

FILMS -*MAGNETIC* See TAPES -*MAGNETIC*

FILMS -*PHOTOGRAPHIC RECORDING*

du Pont de Nemours & Co., Inc., E.I.	Wilmington 98	Del
Eastman Kodak Co	343 State St, Rochester 4	NY
General Aniline & Film Corp., Ansco Div	Vestal Pkwy E., Binghamton	NY
Gordon Enterprises	5362 N. Cahuenga Blvd, N. Hollywood	Cal

FILMS -*PLASTIC* See PLASTICS -*FILM*
FILM-THICKNESS CONTROLS See CONTROLS -*THICKNESS*
FILM-THICKNESS INDICATORS See INDICATORS -*THICKNESS*
FILM-TYPE RESISTORS See RESISTORS -*FILM-TYPE*
FILTER CHOKES & REACTORS See COILS-CHOKE -*POWER-FREQUENCY*

FILTERS

1. ANTENNA	*11. MECHANICAL*
2. BAND-ELIMINATION, R-F	*12. NEEDLE SCRATCH*
3. BANDPASS, R-F	*13. NOTCH, R-F*
4. COAXIAL & WAVEGUIDE	*14. RADIO INTERFERENCE*
5. CONTINUOUSLY VARIABLE	*15. RADIO RANGE*
6. CRYSTAL	*16. TELEMETERING*
7. ELECTRIC WAVE SECTION	*17. TOWER LIGHTING*
8. EQUALIZER, A-F	*18. TV ANTENNA CIRCUIT*
9. HIGH-PASS, R-F	*19. VARIABLE ELECTRONIC*
10. LOW-PASS, R-F	

NOISE SUPPRESSION See SUPPRESSORS -*NOISE*

AC Electronics, Inc., 1-2-3-5-7-8-9-10-13-14-15-16-19	11725 Mississippi Ave. Los Angeles 25	Cal
ADC INC., 2-3-7-8-9-10-12-15, Adv Pg 150	**2833 13 Ave. S, Minneapolis 7**	**Minn**
A G A Corp., 1	1200 Duke St. Alexandria	Va
ACCURATE INSTRUMENT CO., 11, Adv Pg 390	**2418 W Alabama, Houston 6**	**Tex**
Adams-Russell Co. Inc., 1-2-3-4-9-10-13-14-16	200 Sixth St. Cambridge 42	Mass
ADVANCED ELECTRONICS CORP., 2-12, Adv Pg 404	**2 Commercial St. Hicksville**	**NY**
AD-YU ELECTRONICS LAB. INC., 3-5, Adv Pg 522	**249-259 Terhune Ave. Passaic**	**NJ**
Aerovox Corp., 10-14	740 Belleville Ave. New Bedford	Mass
Airborne Accessories Corp., 14	1414 Chestnut Ave. Hillside 5	NJ
Aircraft Armaments Inc., 2	Cockeysville	Md
Airdesign Corp., 9-10-16	Box 987, Norristown	Pa
Airtec, Inc., 4	139 E. First Ave, Roselle	NJ
Airtron, Div of Litton Industries, 1-2-3-4-5-9-10-19	200 E Hanover Ave. Morris Plains	NJ
ALFORD MFG. CO., 10-13 Adv Pg 78	**299 Atlantic Ave. Boston**	**Mass**
All-Tronics Inc., 9-10-14	45 Bond St. Westbury	NY
Allison Laboratories, Inc., 5-8-9-10	11301 E Ocean Ave. La Habra	Cal
Alto Scientific Co. Inc., 3	855 Commercial, Palo Alto	Cal
Amerac, Inc., 1-2-3-4-9-10	Dunham Rd, Beverly	Mass
AMERICAN ELECTRONIC LABS. INC., 4, Adv Pg 362	**121 N 7th St. Philadelphia 6**	**Pa**
American Electronics Co., 1-2-3-9-10-14	178 Herricks Rd, Mineola	NY
American Elite, Inc. (Telefunken), 8	48-50 34 St. Long Island City 1	NY
ANDERSON ELECTRONICS INC., 6, Adv Pg 522	**1012 Chestnut Ave. Altoona**	**Pa**
Antenna Products Co. Div. All Products Co., 1-4	Box 110, Mineral Wells	Tex
ANTENNA SYSTEMS, INC., 1-2-3-4-9-10, Adv Pg 428	**Hingham Industrial Center, Hingham**	**Mass**
Antennavision Inc., 3-9-10	Box 11326, Phoenix	Ariz
Apparatus Development Co., Inc., 1	Drawer 153, Wethersfield 9	Conn
Applied Components Inc., 2-3-7-8-9-10-16	401 E Beach Ave. Inglewood 3	Cal
APPLIED ELECTRONICS CORP. OF NJ, 16, Adv Pg 518	**22 Center St. Metuchen**	**NJ**
APPLIED RESEARCH INC., 1-2-3-4-5-9-10, Adv Pg 124	**76 S Bayles Ave. Port Washington**	**NY**
Applied Technology, Inc., 3	930 Industrial Ave. Palo Alto	Cal
Artted Co. Inc., 1-3-14	367 Worthington St. Springfield 3	Mass
Ascop Div of Electro-Mechanical Research, Inc,16	Box 44, Princeton	NJ
Astron Corp., 2-3-9-10-14	255 Grant Ave. E Newark	NJ
Atlas Coil Inc., 1-2-3-8-9-10	63 Main St. Ansonia	Conn
Aviel Electronics, Inc., 1-2-3-4-9-10-13	1755 Berkeley St. Santa Monica	Cal
B & K Instruments Inc of Bruel & Kjaer, 2-3	3018 W 106th St. Cleveland 11	Ohio
Barker & Williamson Inc., 1-3-9-10	Canal & Beaver Sts. Bristol	Pa
Basler Electric Co. Systems Sales, 7-9-16	Box 269, Highland	Ill
Bayly Engineering Ltd., 2-3-4-7-8-13-14-16	Hunt St. Ajax	Ont
Benco Television Associates, Ltd., 1-2-3-9-10-13-18	27 Taber Rd. Rexdale, Ont	Can
BIRD ELECTRONIC CORP., 1-2-3-9-10 Adv Pg 239	**30303 Aurora Rd. Cleveland 39**	**Ohio**
BIRNBACH RADIO CO. INC., 14, Adv Pg 529	**145 Hudson St. New York 13**	**NY**
Blackhawk Eng. Co. Inc., 6	14 N Parker Dr. Janesville	Wis
BLILEY ELECTRIC CO., 6, Adv Pgs 198; 199	**200 Union Station Bldg. Erie**	**Pa**
Blonder-Tongue Laboratories, Inc., 3-18	9 Alling St. Dept. EBG, Newark	NJ
Bogart Mfg Corp., 1-2-3-4-5-7-9-10-14-19	315 Seigel St. Brooklyn 6	NY
Bruel & Kjaer, 19	Lindeallé 23, Naerum	Denmark
BUDD STANLEY CO. INC., 4, Adv Pg 313	**175 Eileen Way, Syosset**	**NY**
BULOVA WATCH CO. INC. ELECTRONICS DIV., 3-6-9-10-13, Adv Pg 427	**61-10 Woodside Ave. Woodside 77**	**NY**
Bundy Electronics Corp., 2-3-7-9-10-13-16	173 Fabyan Pl, Newark	NJ
BURNELL & CO. INC., 1-2-3-6-7-8-9-10-15-16, Adv Pg 207	**10 Pelham Pkwy. Pelham**	**NY**
CWS Waveguide Corp., 3-4	301 W Hoffman Ave. Lindenhurst	NY
California Magnetic Control Corp., 2-3-5-9-10-16-19	11922 Valerio St, North Hollywood	Cal
Calmag Div. Calif. Magnetic Con. Corp., 2-3-8-16	11922 Valerio St. N Hollywood	Cal
Cambridge Thermionic Corp., 19	445 Concord Ave. Cambridge 38	Mass
Campbell Co. Inc., Colin, 7-8-16	Miry Brook Rd. Danbury	Conn
Canadian Marconi Co., 1-2-3-4-8-9-10-13-16	2444 Trenton Ave. Montreal	Que
Canoga Div., Underwood Corp., 4	15330 Oxnard St, Van Nuys	Cal
Capcon, Inc., 1-2-3-9-10-13-14-16	61 Stanton St, New York 2	NY
Capehart Corp., 2-3-4-5-6-7-8-9-10-13-14-15-16-18-19	87-46 123rd St. Richmond Hill 18	NY
Carad Corp., 2-3-8-9-10-15-16	3381 Junipero Serra Blvd. Palo Alto	Cal
Cinema Engineering Div. Aerovox Corp., 2-3-8-9 10-15-16	1100 Chestnut St. Burbank	Cal
COLUMBIA TECHNICAL CORP., 2-3-7-8-9-10-13-15-16, Adv Pg 441	**24-30 Bklyn-Qns. Exp W, Woodside 77**	**NY**
COMMUNICATION ACCESSORIES CO., 7-8-16, Adv Pg 79	**Hwy. 50 & 71 By Pass, Lee's Summit**	**Mo**
Components Corp., 7-8-9-10-16	2855 N Halsted St. Chicago 14	Ill
CONTROL ELECTRONICS CO. INC., 2-3-4-7-9-10-16, Adv Pg 444	**10 Stepar Pl. Huntington Sta**	**NY**
Controlled Environment, Inc., 11	52 Pickering St. Needham	Mass
CORNELL-DUBILIER ELECTRONICS DIV. FED PACIFIC ELEC CO., 2-3-4-7-9-14, Adv Pgs 148, 149	**50 Paris St. Newark 1**	**NJ**
Cornwell Electronics Corp., 8	84 S. Water St, Byram	Conn
Cosmic Inc., 18	3206 Grace St. Washington	DC
DALE ELECTRONICS INC., 1-2-3-9-10-14, Adv Pgs 120, 121	**Box 488, Columbus**	**Neb**
Daltronics Inc., 2-3-5-7-9-10-15-16	100 Manton Ave. Providence 9	RI
Data-Control Systems, Inc., 3-10-16	E Liberty St. Danbury	Conn
Datafilter Corp., 7-16	5921 Noble Ave. Van Nuys	Cal
DAVEN CO., 2-3-7-8-9-10-13-16, Adv Pg 187	**Rt. 10, Livingston**	**NJ**
DEARBORN ELECTRONIC LABS INC., 14; Adv Pg 551	**Box 3431, Orlando**	**Fla**
DECOURSEY ENGINEERING LAB., 7-8-16, Adv Pg 556	**11828 W Jefferson Blvd. Culver City**	**Cal**
Deeco Instruments, 2-3-7-8-9-10-15-16	14737 Arminta St. Van Nuys	Cal
Delta Coils, Inc., 2-3-9-10	1128 Madison Ave. Paterson 3	NJ
Deltex Electronic Div. Delta Explor. Co. Inc., 7	Drawer 2666 Jackson	Miss
DeMORNAY-BONARDI CORP., 3, Adv. Pgs. 178, 179	**780 S Arroyo Pkwy. Pasadena**	**Cal**
Detrex Chemical Industries, Inc., 11	P.O. Box 501, Detroit 32	Mich
Devco Inc., 10-14	E Longmeadow	Mass
Diamond Antenna & Microwave Corp., 1-2-3-4-5-6-10	River St, Winchester	Mass
Dielectric Products Engrg. Co. Inc., 1-2-3-4-5 9-10-13	Raymond	Me
DIETZ DESIGN, INC., 2-3-6-7-8-9-10-12-14-15-16, Adv Pg 226	**Grandview 6**	**Mo**
Djeco Div. Djordjevic Eng. Co., 1	1933 N Damen, Chicago 47	Ill
Don-Lan Electronics Inc., 1-2-3-4-5-6-7-9-10	1131 Olympic Blvd. Santa Monica	Cal
Donner Scientific Co., 19	888 Galindo St. Concord	Cal
DORNE & MARGOLIN INC., 1-9-10, Adv Pg 152	**29 New York Ave. Westbury**	**NY**
DORSETT ELECTRONICS, INC., 3-6-9-10-16, Adv Pg 299	**Box 862, Norman**	**Okla**
Double "E" Products Co., 1-2-3-7-9-10-14	208 Standard St. El Segundo	Cal
DOUGLAS MICROWAVE CO. INC., 1-4, Adv Pg 235	**252 E 3rd St. Mt Vernon**	**NY**
Dresser Electronics, HST Div., 2-3-7-9-10-15-16	555 N 5th St. Garland	Tex
Dynamics Instrumentation Co., 19	583 Monterey Pass Rd. Monterey Park	Cal
Dytronics, 3-5-16-19	P.O. Box 3676, Columbus 14	Ohio
E & M Laboratories, 9-10	15145 Califa St. Van Nuys	Cal
ERA Pacific, Inc., 9-10	1760 Stanford St. Santa Monica	Cal
ESC ELECTRONICS CORP., 2-3-7-8-9-10-13-16, Adv Pg 203	**534 Bergen Blvd. Palisades Park**	**NJ**

Electrada Corp., 1-2-3-4-5-6-7-8-10-11-13-15-19	11244 Playa St. Culver City	Cal
Electric Switch Corp., 8	2100 S Tibbs Ave. Indianapolis 41	Ind
Electromagnetic Technology Corp., 2-3-4-5-13-14	1375 California Ave. Palo Alto	Cal
Electro-Mechanical Research, Inc., 16	Box 3041, Sarasota	Fla
Electro Networks Inc., 2-3-7-8-9-10-16	Caledonia	NJ
Electrodynamic Instrument Corp., 2-3-9-10-13	1841 Old Spanish Trail, Houston 25	Tex
Electron Products, Div. Marshall Industries, 14	430 N Halstead St. Pasadena	Cal
Electronic Labs Corp., 2-3-6	4121 Spencer St, Torrance	Cal
Electronic Research Assoc, Inc., 9-10	67 Factory Pl, Cedar Grove	NJ
Electronic Specialty Co., 2-3-5-9-10-11-13-14-15-19	5121 San Fernando Rd. Los Angeles 39	Cal
Elf-Rad Mfg Co., 8	4700 N California Ave. Chicago 18	Ill
Emerton Inc., 3	1140 East-West Hwy. Silver Spring	Md
EMPIRE DEVICES INC., 2-3-4-9-10, Adv Pg 132	**Amsterdam**	**NY**
Ensco, Inc. Systems Div., 16	275 Mass. Ave. Cambridge 39	Mass
Eric Engineering Co., 9	1823 Colorado Ave, Santa Monica	Cal
ERIE RESISTOR CORP., 10, Adv Pgs 220; 221	**644 W 12th St. Erie 6**	**Pa**
ESSEX ELECTRONICS, DIV NYTRONICS, INC., 3-10, Adv. Pgs. 210, 211	**550 Springfield Ave. Berkeley Heights**	**NJ**
FXR INC., 4, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Fedtro Inc., 1-9-14-18	Fed. Electr. Bldg. Rockville Centre	NY
Ferro-Magnetics Co., 2-3-4-8-9-10-13-14	379 Commercial St. Palo Alto	Cal
Ferrotran Electronic Co. Inc., 2-3	693 Broadway, New York 12	NY
Filtron Co. Inc., 13-14	131-15 Fowler Ave. Flushing	NY
Forbes & Wagner, Inc., 2-3-9-10-13	345 Central Ave. Silver Creek	NY
Fork Standards Inc., 6-10-16	1915 N Harlem Ave. Chicago 35	Ill
FREED TRANSFORMER CO. INC., 7-8-16; Adv Pg 524	**1736 Weirfield St. Brooklyn 27**	**NY**
Frequency Standards Div. Harvard Industries Inc., 1-2-4-5-16	Box 504, Asbury Park	NJ
Fugle-Miller Laboratories, Inc., 2-3-9-10-14	301 Central Ave, Clark	NJ
GB Electronics Corp. Sub. Gen Bronze Corp., 1-3-7-9-10	711 Stewart Ave. Garden City	NY
Gabriel Electronics Div., Gabriel Co., The; 1	Main & Pleasant Sts, Millis	Mass
Garrett Corp., The, 14	9851 Sepulveda Blvd, Los Angeles 45	Cal
Genex Corp. Industrial Div., 11	1200 Commerce Ave. Union	NJ
General Coil Products Corp., 1-2-3-9-10-18	147-12 Liberty Ave, Jamaica 35	NY
General Electric Co., Heavy Military Electronics Dept., 3	Court St, Syracuse	NY
General Electric Co., Power Tube Dept., 2	1 River Rd. Schenectady 5	NY
General Instrument of Canada Ltd., 3-9-10	151 Weber St. S, Waterloo	Ont
General Instrument Corp. Micamold Div., 2-3-10-14	65 Gouverneur St. Newark 4	NJ
General Kinetics Inc., 5	2611 Shirlington Rd. Arlington 6	Va
General Laboratory Assoc. Inc., 14	19 E Railroad St. Norwich	NY
GENERAL MAGNETICS, INC., 2-3-8-9-10; Adv Pg 543	**Dept B, 2641 Louisiana Ave. Mpls 26**	**Minn**
General Microwave Corp., 2-3-4-5-9-10	47 Gazza Blvd. Farmingdale	NY
General Radio Co., 2-3-9-10-13	West Concord	Mass
Genistron Inc., 2-3-9-10-14	6320 W Arizona Circle, Los Angeles 45	Cal
Geotronic Labs. Inc., 7	1314 Cedar Hill Ave. Dallas 8	Tex
Gertsch Products, Inc., 5	3211 S. La Cienega, Los Angeles 16	Cal
Gilfillan Bros, Inc., 1-4-7	1815 Venice Blvd. Los Angeles 6	Cal
Globe Electronics Div. Textron Electronics, Inc., 1	22-30 S 34th St. Council Bluffs	Iowa
Gombos Co., Inc., John, 4	Webro Rd, Clifton	NJ
Grafton Electronic Div., Clegg, Inc., 1-2-14	Hanover & Ridgedale Ave, Morristown	NJ
Greenray Industries, Electronics's Div., 2-3-9-10-13-16	Mechanicsburg	Pa
Gudeman Co., 10-14	340 W Huron St. Chicago 10	Ill
Gyro Corp., 11	3001 Pennsylvania Ave, Santa Monica	Cal
Hamilton Standard Div. United Aircraft Corp., 9-10	Broad Brook	Conn
Hathaway Instruments Inc., 2-3	5802 E Jewell Ave. Denver 22	Colo
HEWLETT-PACKARD CO., 4-10, Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
HILL ELECTRONICS INC., 2-3-6-9-10-13, Adv Pg 304	**300 N Chestnut St. Mechanicsburg**	**Pa**
Hisonic, Inc., 2-3-7-8-9-10-15-16	Box 534, Shawnee	Kan
Hoover Electronics Co., 16	110 W Timonium Rd. Timonium	Md
Hughes Industrial Systems Div., 2-3-6	Bldg 116, Mail Sta 25, Int Airport Sta. Los Angeles 45	Cal
Hughes Microwave Components Div., 3-4-8	Florence & Teale, Culver City	Cal
I.D.E.A., Inc., 6-9	7900 Pendleton Pike, Indianapolis 26	Ind
Inductor Engineering Inc., 2-3-7-8-9-10-16	119 Schley Ave. Lewes	Del
Industrial Transformer Co., 2-3-8	Box 656, West Caldwell	NJ
Instrument Systems Corp., 3-4-9-10	129-07 18th Ave. College Point 56	NY
INSTRUMENTS FOR INDUSTRY INC., 2-3, Adv Pgs 386, 387	**101 New South Rd. Hicksville**	**NY**
Intercontinental Electronics Corp., 18	300 Shames Dr. Westbury 29	NY
Interference Measurement Lab. Inc., 2-3-14	850 Shepherd Ave. Brooklyn 8	NY
International Electronics Mfg Co., 3-10	Box 391, Greenwood Acres, Annapolis	Md
Interstate Electronics Corp., 19	707 E Vermont Ave. Anaheim	Cal
ITEK ELECTRO PRODUCTS CO., 2-3-6-9-10-13-14-16, Adv Pg 140	**75 Cambridge Pkwy. Cambridge**	**Mass**
JFD ELECTRONICS CORP., 1-2-3-5-7-9-10-13-16-18-19, Adv Pgs 406, 407	**6101 16th Ave. Brooklyn 4**	**NY**
Jampro Antenna Co., 2-3-4-10-18	7500 - 14th Ave. Sacramento 20	Cal
Jerrold Electronics Corp., 1-2-3-5-9-10-18	15th & Lehigh, Philadelphia 32	Pa
Johnson Co., E.F. 10-17	Waseca	Minn
Johnson Electronics Inc., 2-3-9-10-13-16	Box 1675, Casselberry	Fla
Kearfott Div. Gen. Precision Inc. Microwave Prods., 4	14844 Oxnard St. Van Nuys	Cal
Key Resistor Corp., 16	321 W Redondo Beach Blvd. Gardena	Cal
Keystone Electronics Co., 2-3-6-9-10	65 7th Ave. Newark	NJ
Keystone Products Co., 9-10	904-6 23 St. Union City	NJ
KINGS ELECTRONICS CO. INC., 4, Adv Pg 506	**40 Marbledale Rd. Tuckahoe**	**NY**
KNIGHTS CO., JAMES, 6-13, Adv Pg 82	**Sandwich**	**Ill**
Krohn-Hite Corp., 5-13	580 Massachusetts Ave, Cambridge 39	Mass
Lear Inc., 1-2-3-9-10-16	3171 S Bundy Dr. Santa Monica	Cal
Lewis Co. Inc., E. B., 6	11 Bragg St. E Hartford 8	Conn
LIECO INC., 1-3-4, Adv Pg 390	**150 Eileen Way, Syosset**	**NY**
LITTON INDUSTRIES, ELECTRON TUBE DIV., 3-9-10, Adv Pg 349	**960 Industrial Rd. San Carlos**	**Cal**
Lumen, Inc., 7	Box 905, Joliet	Ill
Lynch Communication Systems Inc., 2-3-6-9-10	695 Bryant St. San Francisco 7	Cal
MCCOY ELECTRONICS CO., 6, Adv Pg 135	**Mount Holly Springs**	**Pa**
McMillan Industrial Corp., 2-10-14	Brownville Ave. Ipswich	Mass
Magnaelectric Corp., 2-3-7-9-10-14-16	Box 6008, Tulsa	Okla
Magnasync Corp., 8	5546 Satsuma Ave, North Hollywood	Cal
Magnetic Circuit Elements, Inc., 16	3722 Park Pl. Montrose	Cal
Marconi's Wireless Telegraph Co. Ltd., 12-18	750 3rd Ave. New York 17	NY
Martin Co., 19	Mail No. G3137, Baltimore 3	Md
Maury & Associates, 2-3-4-9-10-13-16	10173 Mills Ave. Montclair	Cal
Melpar Inc., 3	3000 Arlington Blvd. Falls Church	Va
Meridian Metalcraft, Inc., 2-3-4-9-13	8739 S Millergrove Dr. Whittier	Cal
Merrimac Research & Dev. Inc., 3-4	517 Lyons Ave. Irvington	NJ
Metropolitan Telecommunications Corp., 2-3-7-8-9-10-12-13-14-15-16	Ames Ct. Plainview	NY
Microdot, Inc., 16	220 Pasadena Ave. South Pasadena	Cal
MICROLAB, 1-3-4-5-7-9-10-13-14, Adv Pg 356	**570 W Mt. Pleasant Ave. Livingston**	**NJ**
Microming Instrument Corp., 2-3-9-10-16	115 Halleck St. Roxbury	Mass
Microphase Corp., 1-2-3-4-5-6-7-9-10-14-16	River Rd. Cos Cob	Conn
Microtech, Inc., 1-4	Milldale Rd. Cheshire	Conn
Microwave Associates, Inc., 6	Burlington	Mass
MICROWAVE CORP. OF AMERICA, 1-4, Adv Pg 462	**P.O. Box 278, Stamford**	**Conn**
Microwave Development Labs. Inc., 4	15 Strathmore Rd. Natick	Mass
Microwave Dynamics Corp., 2-3-4-9-10	5 Fairchild Ct. Plainview	NY
Microwave Semiconductor & Inst. Inc., 4.	116-06 Myrtle Ave. Richmond Hill 18	NY
Midland Mfg. Co., 3-6-9-11	3155 Fiberglas Rd, Kansas City 15	Kan
Midwestern Instruments, Inc., 16	Box 7509, Tulsa 18	Okla
Millen Mfg. Co., James, 3-9-10	150 Exchange St. Malden	Mass
Miller Co., J.W., 1-2-3-9-10-14-17-18	5917 S Main St. Los Angeles 3	Cal
Mini-Rad, Inc., 7	7416-E Varna Ave, N. Hollywood	Cal
Molectronics Div. Motec Ind. Inc., 2-3-5-6-7-8-9-10-13-16	6344 Arizona Cir. Los Angeles 45	Cal
MOLONEY ELECTRIC CO., 3-9-10, Adv Pgs 110, 111	**5390 Bircher Blvd. St. Louis 20**	**Mo**
Mullard Equipment, Ltd., 3-6-9-10	Torrington Pl, London W.C. 1, England	
MURATA MFG. CO. LTD., 11, Adv Pg 256	**Nagaoka-cho. Kyoto**	**Jap**
Narda Microwave Corp., 4-10	Plainview	NY
Natel Engineering Co. Inc., 16	13922 Strathern St. Van Nuys	Cal
National Coil Co., 3-9-10	Box 1237, Sheridan	Wyo
Nesco Instruments Inc., 3	638 W 17th St. Costa Mesa	Cal
Newport Scientific Co., 3	638 W 17th St. Costa Mesa	Cal
OMEGA LABORATORIES INC., 4, Adv Pg 226	**Box 309, Rowley**	**Mass**
ORTHO FILTER CORP., 1-2-3-6-7-8-9-10-13-16, Adv Pg 286	**7 Paterson St. Paterson 1**	**NJ**
Osborne Electric Co. Ltd., 2-3-7	95 Bentley St. Toronto 18	Ont
OVITRON CORP., 1-2-3-5-8-9-10-12-13-14-15-16-18-19, Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
PCA ELECTRONICS INC., 2-3-7-8-9-10-12-13-16, Adv Pg 208	**16799 Schoenborn St. Sepulveda**	**Cal**
PRD ELECTRONICS INC., 4, Adv. Pgs. 113-116	**202 Tillary St. Brooklyn 1**	**NY**
Pacific Mercury Electronics, 3-10	8345 Hayvenhurst Ave, Sepulveda	Cal
Palo Alto Engineering Co., 2-3-9-10-13-16	620 Page Mill Rd. Palo Alto	Cal
Parsons Co., Ralph M. Electronics Div., 3.	151 S DeLacey Ave. Pasadena	Cal
Peer Inc., 2-3	2624 Shelby St. Dallas 19	Tex
Philco Corp. Govt & Ind Div., 16	4700 Wissahickon Ave. Phila 44	Pa
Piezo Crystal Co., 6	265 E Pomfret St. Carlisle	Pa
POLARAD ELECTRONICS CORP., 2-3-4 Adv Pg 269-272	**43-20 34 St. Long Island City 1**	**NY**
Polyphase Instrument Co., 2-3-7-9-10-16	E. Fourth St, Bridgeport	Pa
PORTCHESTER INSTRUMENT CORP., 4; Adv Pg 468	**114 Wilkins Ave. Port Chester**	**NY**
Potter Co., The, 10-14	1950 Sheridan Rd, North Chicago	Ill
Precision Microwave Corp., 4	Main St, Millis	Mass
Pulse Engineering Inc., 2-3-9-10-16	560 Robert Ave. Santa Clara	Cal
Pulse Techniques Inc., 8	1411 Palisade Ave, West Englewood	NJ
R.L.C. Electronics, Inc., 1-2-3-4-13	805 Mamaroneck Ave. Mamaroneck	NY
R S ELECTRONICS CORP., 1-2-3-9-10-16, Adv Pg 385	**Box 11368, Sta A, Palo Alto**	**Cal**
RADAR DESIGN CORP., 3-4-5-9-10 Adv Pg 471	**Pickard Dr. Syracuse 11**	**NY**
Radiephone Co. Inc., 16	502 E Evergreen St. Monrovia	Cal
Radio Condenser Co., 1-3-5-9-10	Davis & Copewood Sts. Camden 3	NJ
Radio Engineering Labs. Inc., 9-10-13	29-01 Borden Ave. Long Island City 1	NY
Railway Communications, Inc., 2-3-8-9-10	9351 E 59 St. Raytown	Mo
Ram Electronics, Inc., 2-3-16-19	600 Industrial Ave, Paramus	NJ
Rank Cintel Ltd., 8	Worsley Bridge Rd, London S.E. 26, England	
Rantec Corp., 1-2-3-4-5-9-10-16	23999 Ventura Blvd. Calabasas	Cal
Ratelco, 14	820 Mercer Ave. N, Seattle	Wash
Raytheon Co. Ind Components Div., 11	55 Chapel St. Newton 58	Mass
REEVES HOFFMAN DIV. DYNAMICS CORP OF AMER., 2-3-6-7-9-10-13 Adv. Pg 507	**145 Cherry St. Carlisle**	**Pa**
Riverbank Laboratories Dept of Engineering, 11	P.O. Box 65, Geneva	Ill
RIXON ELECTRONICS INC., 2-3-8-9-10-16-19, Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
Rypinski Co., C. A., 1-2-3-4-7-9-10	2005 N Fair Oaks Ave. Pasadena	Cal
Rytron Co. Inc., 2-3-8-9-10-16	7301 Lankershim Blvd. N Hollywood	Cal
Sage Laboratories, Inc., 4	3 Huron Dr, Natick	Mass
San Fernando Electric Mfg Co., 14	1509 1st St. San Fernando	Cal
SANDERS ASSOCIATES, INC., 6, Adv Pg 380	**95 Canal St. Nashua**	**NH**
Sangamo Electric Co., 2-3-9-10-14	1201 N 11 St. Springfield	Ill
Sargent & Greenleaf Inc., 11	24 Seneca Ave. Rochester	NY
Schjeldahl Co., G. T., 16	P.O. Box 170, Northfield	Minn
Secode Corp., 1-2-3-9-10-13	555 Minnesota St. San Francisco 7	Cal
SEG ELECTRONICS CO. INC., 2-3-6-7-8-9-10-11-13, Adv Pg 529	**12 Hinsdale St. Brooklyn 7**	**NY**
Servomechanisms/Inc., 5-8-10-16-19	200 N Aviation Blvd. El Segundo	Cal
Sickles, F.W., Div. General Instrument Corp., 3-9-10	165 Front St. Chicopee	Mass
SIERRA ELECTRONIC CORP., 3-10 Adv Pgs 128, 129	**3885 Bohannon Dr. Menlo Park**	**Cal**
Signal Electronics Research Corp., 1-2-3-4-5-9-10-14-16	1515 Airport Blvd. Seattle 6	Wash
Sinclair Radio Labs. Inc., 1-2-3-4-5-7-9-10-13-14-15-16	412 Cham. of Comm. Bldg. Buffalo	NY
Sparton Corp., 2-3-4-5-6-9-10-13-14	2400 E Ganson St. Jackson	Mich
Spectrum Instruments Inc., 5-16-19	Box 61, Steinway Sta. Long Island City 3	NY
SPENCER-KENNEDY LABS. INC., 3-9-10-19, Adv Pg 495	**1318 Soldiers Field Rd. Boston 35**	**Mass**
Sperry Microwave Electronics Co., 1-3-4	Box 1828, Clearwater	Fla
Sprague Electric Co., 7-8-9-10-14-16	125 Marshall St. North Adams	Mass
STANCOR ELECTRONICS INC., 2-3-7-9-10-16, Adv Pg 503	**3501 W Addison St. Chicago 18**	**Ill**
Standard Electronics Co., 14	1811 W 63rd St, Chicago	Ill
Standard Tel. & Cables Ltd., 6	29 Glasshouse Yard, London	Eng
STODDART AIRCRAFT RADIO CO. INC., 4-10, Adv Pgs 455, 456	**6644 Santa Monica Blvd. Hollywood 38**	**Cal**
Stony Brook Labs., 19	55 State Rd. Princeton	NJ
Sunmex Electronics Corp., 1-9-10-14-15	4-6 Radford Place, Yonkers	NY
Surface Conduction, Inc., 1-2-3-4-8-9-10-13-18	1501 Broadway, New York 36	NY
Systems Inc., 2-3-6	2400 Diversified Way, Orlando	Fla
T. T. Electronics Inc., 2-3-7-8-9-10-13-14-16	Box 180, Culver City	Cal
Taffet Electronics Inc., 8	2705 Bridge Ave. Woodside 77	NY
Tamar Electronics Inc., 1	2045 W Rosecrans Ave. Gardena	Cal
Technical Products Co., 7	6670 Lexington Ave. Los Angeles 38	Cal
Telectro Industries Corp., 2-3-8-14-16	35-16 - 37th St. Long Island City 1	NY
Telegraph Condenser Co. Ltd., 9-10-14	N Acton, London W3	Eng
TELERAD DIV. LIONEL CORP., 1-2-3-4-9-10, Adv Pgs 220, 221	**Rt 69, Flemington**	**NJ**
Televiso Corp., 14	Wheeling & Exchange Rds. Wheeling	Ill
Telex, 2-3-5-9-10	Telex Park, St Paul 1	Minn
TELONIC ENGINEERING CORP., 2-3-5-9-10-13-14, Adv Pg 61	**733 Broadway, Laguna Beach**	**Cal**
TELONIC INDUSTRIES INC., 3-4-10, Adv Pg 61	**60 N 1st Ave. Beech Grove**	**Ind**
Tenco Electronics Inc., 7-8	133 Cunningham St. Boston	Mass
Thordarson-Meissner Mfg. Co., 3-9-10-14	7th & Belmont Ave. Mt. Carmel	Ill
TOROTEL INC., 2-3-8-9-10-16, Adv Pg 496	**5512 E 110th St. Kansas City 37**	**Mo**
TOROTRON CORP., 2-3-7-8-9-10-14-15-16, Adv Pg 234	**256 E 3rd St. Mt Vernon**	**NY**
Transco Products Inc., 1	12210 Nebraska Ave. Los Angeles 25	Cal
Transformer Engineers, 2-3-9-10-16	265 N. Halstead Ave, Pasadena	Cal
Transonic Inc., 6-8-12-16	808 15th St. Bakersfield	Cal
United Control Corp., 14	Overlake Ind Pk. Box 3104, Seattle	Wash
United Shoe Machinery Corp., 1-2-3-4-9-10-16-18	140 Federal St. Boston	Mass
U. S. Electronics Corp., 1-10	276 Warren St, Lyndhurst	NJ
UNITED TRANSFORMER CORP., 2-3-5-6-7-8-9-10-16-19, Adv Pg 2nd Cover 1, 2	**150 Varick St. New York 13**	**NY**
Valor Instruments, Inc., 3-9-10-16	13214 Crenshaw Blvd. Gardena	Cal
Vanguard Electronics Co., 1-2-3-9-10-11	3384 Motor Ave. Los Angeles 34	Cal
VARO INC., 2-3-9-10-13-19 Adv Pg 118	**2201 Walnut St. Garland**	**Tex**
Victor R.F. & Microwave Co., 4-10	30 W Water St. Wakefield	Mass
Vicaire Electronics Mfg Corp., 9-10-14	75 Babylon Tpke, Roosevelt	NY
Virginia Electronics Co., Inc., 2-3-9-10	5209 River Rd. Washington 16	DC
Vitro Corp of America, 1-2-9-10-16	261 Madison Ave. New York 16	NY
VITRO ELECTRONICS DIV. VITRO CORP., 1-2-9-10-16 Adv Pgs 309, 310	**919 Jesup Blair Dr. Silver Spring**	**Md**
Waber Electronics, Inc., 1-2-3-4-9-10-14-10	Hancock & Somerset, Philadelphia 33	Pa
Wahlgren Magnetics, Div., Marshall Ind., 2-3-9-10-16	1900 Walker Ave, Monrovia	Cal
Washington Aluminum Co. Inc., 1-4	Pa RR & Knecht Ave. Baltimore 29	Md
Waveline, Inc., 4	Box 718, Caldwell	NJ
Wells Electronics Co., 2-3-6-9-10-13-14	1701 S Main St. South Bend 23	Ind
Western Electro Acoustic Lab., 8-9-10	11747 San Vicente Blvd, Los Angeles	Cal
WHITE INSTRUMENT LABORATORIES, 7-16, Adv Pg 478	**Box 9006, Allandale Sta. Austin 17**	**Tex**
Whitewater Electronics Inc., 2-3-9-10-11	110 W Main St. Whitewater	Wis
Wilcox Electric Co., 2-3-16	1400 Chestnut St. Kansas City	Mo
Wiley Electronic Products Co., 16	2045 W Cheryl Dr. Phoenix	Ariz

FILTERS —*FLUID*

1. AIR CLEANING 2. LIQUID & WATER

Air Control, Inc	450 Narberth Ave, Narberth	Pa
Air Control Installations Ltd, 1	Ruislip, Middx, England	
American Felt Co., 1-2	10 Glenville Rd, Glenville	Conn
Aerfilex Products Dept., American Mach & Fdry. Co., 1-2	689 Hope St, Springdale	Conn
Behring Inspection, Inc., 2	3311 E. Gage Ave, Huntington Park	Cal
Boonshaft & Fuchs, Inc., 2	Hatboro Ind Park, Hatboro	Pa
Cambridge Filter Corp., 1	738 E. Erie Blvd, Syracuse 1	NY
Caranco Inc. Chemists, 1-2	173 Ridge St. Newark 4	NJ
Clary Corp	408 Junipero St. San Gabriel	Cal
Commercial Filters Corp., 1-2	48 St. Melrose 76	Mass
Controlled Atmosphere Enclosures Mfg Co.; 1	1061 E 8th St. Jacksonville 6	Fla
Co-Operative Industries, Inc., 2	100 Oakdale Rd. Chester	NJ
Dawe Instruments Ltd., 2	Harlequin Ave. Brentford, Middx	Eng
DeVilbiss Co., 1	300 Phillips Ave, Toledo 1	Ohio
Electro-Ceramics, Inc., 2	2645 S 2nd W. Salt Lake City 15	Utah
Engelhard Industries Inc., 1-2	113 Astor St. Newark 2	NJ
Factory Enterprises Inc., 2	3431 Butler St. Pittsburgh 1	Pa
Fair Co., 1	P.O. Box 91187 Airport Sta, L A 45	Cal
Ferro Powdered Metals, Inc., 1-2	Box 312E, Salem	Ind
Flock Process Co., Inc., 1	373 Main Ave, Norwalk	Conn
GPE Controls, Inc., 1-2	240 E. Ontario St, Chicago 11	Ill
IMC Magnetics Corp. Arizona Div., 2	917 W Madison St. Phoenix	Ariz
Meaker Co., 2	75 River Rd. Nutley 10	NJ
Pall Corp., 1-2	30 Sea Cliff Ave. Glen Cove	NY
Permutit Co., A Div of Pfaudler Permutit Inc., 2	50 W 44 St. New York 36	NY
Radex Corp., 1	N. Elston Ave, Chicago 14	Ill
Research Products Corp., 1	1015 E. Washington, Madison	Wisc
St. Marys Carbon Co., 1-2	State Rd. St. Marys	Pa
Technical Wire Products, Inc., 1	129 Dermody St. Cranford	NJ
Trion, Inc., 1	1000 Island Ave, McKees Rocks	Pa
U.S. Hoffman Machinery Corp., 1	103 4th Ave, New York 3	NY
Van Waters & Rogers Inc. Braun-Knecht-Heimann Div., 2	60 O'Neil Ave. Belmont	Cal
Wells Industries Corp., 1	5880 Troost Ave. Hollywood	Cal
WESTERN DEVICES INC., 1, Adv Pg 64	**600 W Florence Ave. Inglewood**	**Cal**
Wheelabrator Corp., 1	1455 S Byrkit St. Mishawaka	Ind
WIRE CLOTH ENTERPRISES INC., 2, Adv Pg 535	**3400 Penn Ave. Pittsburgh 1**	**Pa**

FILTERS —*INFRARED* See INFRARED DEVICES
FINISHES See COATINGS: ENAMELS: LACQUERS: PAINTS: VARNISHES
FINISHES —*LUMINOUS* See PAINTS —*LUMINOUS*
FINS —*COOLING* See COOLING UNITS —*FIN-TYPE*
FIRE-CONTROL COMPUTERS See COMPUTERS —*SPECIAL*
FIRE-CONTROL SYSTEMS See RADAR
FIRE DETECTORS See DETECTORS —*FIRE*
FISH FINDERS See DEPTH SOUNDERS: SONAR
FISH PAPER See PAPER

FIXTURES —*HOLDING*

1. CHASSIS 2. COMPONENT 3. CONNECTOR 4. PRINTED WIRING BOARD

ABALON PRECISION MFG CORP., 1, Adv Pg 539	**540 Casanova St. New York 59**	**NY**
Alpitec Inc., 1	49 Gleason Ave. Stamford	Conn
AMERICAN LAVA CORP., 4, Adv Pg 237	**Cherokee & Mfgrs Rd. Chattanooga 5**	**Tenn**
Anchor Specialty Mfg. Co. Inc., 1-2-3	300 Hollister Rd. Teterboro	NJ

ELECTRONIC and ALLIED PRODUCTS

Avco Research & Advanced Devel. Div., 2	201 Lowell St. Wilmington	Mass
Barry Controls Div. Barry Wright Corp., 1	711 Pleasant St. Watertown 72	Mass
Carvil Technical Ceramics Inc., 2-3-4	801-23rd St. Union City	NJ
CHURCHILL LIGHTING CORP., 1, Adv Pg 533	**344 Franklin St. Melrose 76**	**Mass**
Compo Shoe Machinery Corp., 4	Roberts Rd. Waltham 54	Mass
Computer Techniques Inc., 4	37-01 Northern Blvd. Long Island City 1	NY
Electronic Cable Corp., 3	126 Jackson St. Cambridge 40	Mass
Emeloid Co. Inc., 4	1239 Central Ave, Hillside 5	NJ
Everett Tap & Die Corp., 2	213 E 144th St. New York 51	NY
Falstrom Co., 1-2	44 Falstrom Ct. Passaic	NJ
Flotron Industries Inc., 1-2-3-4	1600 Centinela, Inglewood	Cal
Gemex Corp. Industrial Div., 1-2-3	1200 Commerce Ave. Union	NJ
GENERAL ELECTRONIC & WIRE CO.,		
Adv Pg 484	**456 W 46th St. New York 36**	**NY**
Glenair, Inc., 3	1211 Airway, Glendale	Cal
Grant Pulley & Hardware Corp., 2	1 High St. West Nyack	NY
Hamilton Standard Div. United Aircraft Corp., 4	Broad Brook	Conn
Heldor Electronics Mfg. Corp., 1-2-3	238 Lewis St. Paterson	NJ
I. E. Manufacturing, 1	3041 Carroll, Chicago 12	Ill
Kinetron Corp., 1-2	Shrewsbury & Patterson, Red Bank	NJ
LUMATRON ELECTRONICS, INC, 2 Adv Pg 502	**116 County Chase Rd. New Hyde Park**	**NY**
MacDonald & Co., 3-4	714 E California Ave. Glendale 6	Cal
Mason, Shaver & Rhoades Inc., 2	Box 551, Irwin	Pa
MASTERITE INDUSTRIES DIV. HOUSTON FEARLESS CORP., 2-3,		
Adv Pg 90	**825 Olive St. Inglewood**	**Cal**
Rimak Electronics Inc., 1-4	11929 Vanowen St. N Hollywood	Cal
Ross Co., Milton, 2-3	719 Jacksonville Rd. Hatboro	Pa
Stocker & Yale Inc., 4	Green St. Marblehead	Mass
Summit Industries, Inc., 1	2114 W. Rosecrans Ave, Gardena	Cal
Technical Devices Co., 1-4	11242 Playa Ct. Culver City	Cal
TEFCO CORP., 3, Adv Pg 500	**28 Willett St. Port Chester**	**NY**
WESTERN DEVICES INC., 1-2-3-4, Adv Pg 64	**600 W Florence Ave. Inglewood**	**Cal**

FLAME-FAILURE CONTROLS See CONTROLS -*FLAME-FAILURE*
FLANGE CLAMPS -*WAVEGUIDE* See CLAMPS

FLANGES -*WAVEGUIDE (Incl. BULKHEAD)*

Aero Bolt & Screw Co	1017 Arbor Vitae, Inglewood	Cal
Airtec, Inc	139 E. First Ave, Roselle	NJ
American Radar Components, Inc	415 E. Main St, Denville	NJ
Andrew California Corp	941 E Maryland Ave. Claremont	Cal
ANDREW CORP., Adv Pg 13	**Box 807, Chicago 42**	**Ill**
Beauchaine & Sons Inc	Union Ave. Lakeport	NH
Belz Industries Inc	89 Union St. Mineola	NY
C W S Waveguide Corp	301 W. Hoffman Ave, Lindenhurst	NY
Chase Brass & Copper Co., Inc	236 Grand St, Waterbury 20	Conn
DeMORNAY-BONARDI CORP., Adv. Pgs. 178, 179	**780 S Arroyo Pkwy. Pasadena**	**Cal**
Electrada Corp	11244 Playa St. Culver City	Cal
FXR INC., Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Gemex Corp. Industrial Div	1200 Commerce Ave. Union	NJ
LIECO INC., Adv Pg 398	**150 Eileen Way, Syosset**	**NY**
M.C.S. Corp	1001 S Mountain Ave. Monrovia	Cal
MICROWAVE CORP. OF AMERICA, Adv Pg 462	**P.O. Box 278, Stamford**	**Conn**
Microwave Development Labs. Inc	15 Strathmore Rd. Natick	Mass
Microwave Dynamics Corp	5 Fairchild Ct. Plainview	NY
MODEL ENG. & MFG. CORP., Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
OMEGA LABORATORIES INC., Adv Pg 226	**Box 309, Rowley**	**Mass**
PEM MACHINE TOOL CO. INC., Adv Pg 536	**1456 Chestnut Ave. Hillside**	**NJ**
Turbo Machine Co	641 W. Main St. Lansdale	Pa
Waveline, Inc	P.O. Box 718, Caldwell	NJ

FLASHERS

Aircraft Instruments Co	King of Prussia Rd at Montgomery Ln, Radnor	Pa
Eagle Electric Mfg. Co. Inc	23-10 Bridge Plaza S, L. I. City	NY
Eagle Signal Co Div Gamewell Co-EW Bliss Sub	202-20th St. Moline	Ill
HAYDON CO., A. W., Adv Pgs 302, 303	**4038 Inca Blvd. Culver City**	**Cal**
HUGHEY & PHILLIPS, INC., Adv Pg 549	**3200 N San Fernando Blvd. Burbank**	**Cal**
Jordan Electronics Div. Victoreen Ins. Co	121 S Palm Ave. Alhambra	Cal
Karlson Associates, Inc	433 Hempstead Ave, W. Hempstead	NY
Radar Relay, Inc	2322 Michigan Ave, Santa Monica	Cal
Ray-O-Vac Co Div Elec Storage Battery Co	212 E Washington Ave. Madison	Wis
Reynolds Electric Co	3000 River Rd, River Grove	Ill
Slip Ring Co. of America	3612 W Jefferson Blvd. Los Angeles 16	Cal
United Control Corp	Overlake Ind Pk. Box 3104, Seattle	Wash
Wallace & Tiernan, Inc	25 Main St, Belleville 9	NJ

FLASH GUNS See PHOTOFLASH EQUIPMENT
FLASH TUBES See LAMPS -*PHOTOFLASH*
FLAW DETECTORS See DETECTORS -*FLAW ELECTRONIC:* ULTRASONIC EQUIPMENT
FLAW-INDICATING MATERIALS See MATERIALS -*INSPECTION*
FLEXIBLE CIRCUITS See CIRCUITS -*PRINTED WIRING, CUSTOM SERVICE*
FLEXIBLE COAXIAL CABLES See CABLES -*COAXIAL*
FLEXIBLE SHAFT ADAPTERS See ADAPTERS -*FLEXIBLE SHAFT*
FLEXIBLE SHAFT COUPLINGS See COUPLINGS -*SHAFT*
FLEXIBLE SHAFTS See SHAFTS -*FLEXIBLE*
FLIGHT CONTROL SYSTEMS See AIRCRAFT EQUIPMENT -*AUTOPILOTS*
FLIGHT SIMULATORS See SIMULATORS
FLIP-FLOPS -*PACKAGED* See MODULES

FLOCK & FLOCKED PAPER

Bestcraft Products Co. Inc	630 Broadway, New York	NY
Flock Process Co., Inc	373 Main Ave, Norwalk	Conn
G-C Electronics Co	400 S Wyman St. Rockford	Ill

FLOWMETERS See INDICATORS -*FLUID-FLOW*
FLOW TRANSDUCERS See TRANSDUCERS
FLUID CONDUCTIVITY CONTROLS See CONTROLS -*CONDUCTIVITY*
FLUID-FLOW CONTROLS See CONTROLS -*FLUID-FLOW*
FLUID-FLOW INDICATORS See INDICATORS -*FLUID-FLOW*
FLUID-FLOW RECORDERS See RECORDERS -*FLUID-FLOW*

FLUIDS

1. *DAMPING*
2. *DIFFUSION PUMP*
3. *TRANSDUCER*

See Also COOLANTS -*DIELECTRIC LIQUID:* DIELECTRICS -*LIQUID*

Dow Corning Corp., 1-2-3	Midland	Mich
Esso Standard Div. Humble Oil & Refng Co., 1	15 W 51 St. New York 19	NY
General Electric Co., Silicone Prods. Dept., 1	Dept. E B G, Waterford	NY
Green Rectifier Co., 2	1-10 10th St, Fair Lawn	NJ
Litton Engineering Labs, 2	Box 949 Grass Valley	Cal
Minn-Honeywell, Ceramics Lab., 3	Box 440, Minneapolis 40	Minn
Minnesota Mining & Mfg. Co., Chemical Div., 1-3	900 Bush Ave, St. Paul 6	Minn
Silicones Div., UCC, 1	270 Park Ave, New York 17	NY
Standard Controls Inc., 3	1130 Poplar Pl. Seattle 44	Wash
Tang Industries Inc., 3	400 Main St. Waltham 54	Mass
Taylor Instrument Cos., 1-3	95 Ames St. Rochester	NY
Ultrasonic Systems Inc., 3	2255 S Carmelina Ave. Los Angeles 64	Cal

FLUORESCENT COMPOUNDS -*PHOSPHORS*

Blacklight Corp of American	5112 Walnut Grove Ave. San Gabriel	Cal
Black Light Eastern Corp	4 Manhasset Ave. Port Washington	NY
Brammetal urgical Chemical Co	82 65 Ave, Philadelphia 26	Pa
Canadian Radium & Uranium Corp	630 Fifth Ave, New York 20	NY
Delta Chemical Works	21 W 60th St. New York	NY
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Magic Chemical Co	121 Crescent St. Brockton	Mass
Materials for Electronics Inc	152-25 138 Ave. Jamaica 34	NY
Pilot Chemicals, Inc	36 Pleasant St. Watertown 72	Mass
SEMI-ELEMENTS INC., Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
Shannon Luminous Materials Co	7356 Santa Monica Blvd. Hollywood 46	Cal
Sylvania Electric Prods., Inc., Chem & Metallurgical Div.	Towanda	Pa
Thomas Electronics, Inc	118 Ninth St, Passaic	NJ
Ultra-Violet Products, Inc	5114 Walnut Grove Ave, San Gabriel	Cal
United Mineral & Chemical Corp.	16 Hudson St. New York 13	NY
U. S. Nuclear Corp	801 N. Lake St, Burbank	Cal
U S RADIUM CORP., Adv Pg 200	**Box 246, Morristown**	**NJ**
Var-Lac-Oid Chemical Co	116 Broad St, New York 4	NY

FLUOROCARBONS See PLASTICS

FLUOROMETERS

Coleman Instruments Inc	42 Madison St. Maywood	Ill
Farrand Optical Co. Inc	Bronx Blvd. at 238th St. New York 70	NY
Fisher Scientific Co	713 Forbes Ave, Pittsburgh 19	Pa
HARSHAW CHEMICAL CO., Adv Pg 508	**1945 E 97th St. Cleveland 6**	**Ohio**

FLUSH CIRCUITS See CIRCUITS -*PRINTED WIRING*
FLUTTER METERS See METERS -*WOW & FLUTTER*

FLUXES

1. *BRAZING*
2. *SOLDERING, LEAD-TIN, NONCORROSIVE*
3. *SOLDERING, LEAD-TIN, ACID*
4. *SOLDERING, SILVER*

Accurate Specialties Co. Inc., 2-3	345 Lodi St. Hackensack	NJ
Air Reduction Sales Co., 1	150 E 42 St. New York	NY
All-State Welding Alloys Co., Inc., 1-2-3-4	249 Ferris Ave, White Plains	NY
Alloys Unlimited Inc., 2-3-4	21-01 43rd Ave. Long Island City 1	NY
Alpha Metals, Inc., 2-3-4	600 Water St, Jersey City	NJ
Aluminum Co of America, 1	Alcoa Bldg. Pittsburgh 19	Pa
American Brazing Alloys Corp., 1-4	Box 11, Pelham	NY
American Solder & Flux Co., 1-2-3-4	19th & Willard Sts, Philadelphia 40	Pa
Anchor Metal Co., The, 1-2-3-4	966 Meeker Ave, Brooklyn 22	NY
Belmont Smelting & Refining Works, 1-2-3-4	332 Belmont Ave, Brooklyn 7	NY
Blackstone Corp., 3	1111 Allen St. Jamestown	NY
Bow Solder Products Co., Inc., 2-3	251 Freeman St, Brooklyn 22	NY
Burnley Battery & Mfg. Co., 2-3	Clay St. North East	Pa
Chase Brass & Copper Co. Inc., 2	236 Grand St. Waterbury 20	Conn
Compo Shoe Machinery Corp., 2	Roberts Rd. Waltham 54	Mass
Dalweld Co., Inc., 1-2-4	11 Bertel Ave, Mt. Vernon	NY
Dicometer Products Co., 2	Star Rt, P.O. Box 67, Littleton	Colo
Division Lead Co., 2-3-4	7742 W. 61st Pl, Summit	Ill
Dunton Co., M.W., 1-2-3-4	350 Kinsley Ave, Providence	RI
du Pont de Nemours & Co., Inc., E.I., 2-3	Wilmington 98	Del
Eagle Electric Mfg. Co., Inc., 2	23-10 Bridge Plaza S., L.I. City	NY
Electroprints, 2	P.O. Box 1117, Glendale	Cal
Electrovert, Inc., 2	124 E 40th St. New York 17	NY
Engelhard Industries, Inc., 1-4	113 Astor St. Newark 2	NJ
ETCHOMATIC INC., 2-3, Adv Pg 520	**182 Newton St. Waltham 54**	**Mass**
FAIRMOUNT CHEMICAL CO. INC., 2, Adv Pg 526	**136 Liberty St. New York 6**	**NY**
Fenelley Co., 1-2-3-4	1745 N. 26 St, Philadelphia	Pa
General Electric Co., Lamp Metals & Components Dept., 1-2-3	21800 Tungsten Rd, Cleveland 17	Ohio
George Co., P. D., 2	5200 N 2nd St. St Louis	Mo
HANDY & HARMAN, 1-4, Adv Pg 213	**850 3rd Ave. New York 22**	**NY**
Howe International	431 Danforth, Jersey City 5	NJ
Johnson Mfg. Co., Inc., 1-2-3-4	Mt. Vernon	Iowa
Johnson Matthey & Mallory Ltd., 4	110 Industry St. Toronto 15	Ont
Kester Solder Co., 2-3-4	4212 Wrightwood Ave, Chicago 39	Ill
L M B., 2	2528 W 9th St. Los Angeles 6	Cal
Lake Chemical Co., 2-4	3052 W Carroll Ave. Chicago 12	Ill
Lenk Mfg Co., 3	Box 324, Franklin	Ky
Linde Co., Div., UCC, 1	270 Park Ave, New York 17	NY
Michael, Inc., Claude, 1-2-3	701 W. Ivy St, Glendale 4	Cal
MICO INSTRUMENT CO., 2, Adv Pg 514	**77 Trowbridge St. Cambridge 38**	**Mass**
Microwave Dynamics Corp., 1	5 Fairchild Ct. Plainview	NY
NATIONAL LEAD CO., 1-2-3-4, Adv Pg 557	**111 Broadway, New York 6**	**NY**
Osborn Products	2364 Porter Ave, Altadena	Cal
Rayline, Inc., 2-3	161 1st St. Mineola	NY
Ruby Chemical Co., 2-3	68 McDowell St, Columbus 16	Ohio
Shannon Luminous Materials Co., 2	7356 Santa Monica Blvd. Hollywood 46	Cal
Special Chemicals Corp., 1-3	137 N Water St. Ossining	NY
Superior Flux & Mfg. Co., 1-2-3-4	1536 St. Clair Ave, Cleveland 14	Ohio
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 4, Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
Tricon Mfg. Co., 1-2-3-4	4012 S. Wallace St, Chicago 20	Ill
United Wire & Supply Corp., 1-4	1497 Elmwood Ave, Providence 7	RI

FLUXMETERS

Bell, Inc., F.W.	1356 Norton Ave, Columbus 12	Ohio
Epic, Inc	150 Nassau St, New York 38	NY
Harvey Wells Corp	Box 189, Framingham	Mass
Radio Frequency Labs., Inc	Boonton 2	NJ

RAWSON ELECTRICAL INSTRUMENT CO., Adv Pg 446	**111 Potter St. Cambridge 42**	**Mass**
Varian Associates	611 Hansen Way, Palo Alto	Cal

FLUX SOLVENTS See SOLVENTS -*ROSIN FLUX*
FLYBACK TRANSFORMERS See TRANSFORMERS -*IRON-CORE & FERRITE CORE SPECIAL*
FLYING SPOT SCANNERS See SCANNERS -*IMAGE*
F-M AMPLIFIERS See AMPLIFIERS -*R-F, PREAMPLIFIERS*
F-M ANTENNAS See ANTENNAS
F-M DEVIATION METERS See METERS -*F-M DEVIATION*
F-M RECEIVERS See RECEIVERS -*RADIO COMMUNICATION:* RECEIVERS -*RADIO, ENTERTAINMENT*
F-M SIGNAL GENERATORS See GENERATORS -*SIGNAL*
F-M TRANSMITTERS See TRANSMITTERS -*BROADCAST*
F-M TUNERS See TUNERS -*ENTERTAINMENT, RADIO*
FOAM CERAMICS See CERAMICS -*FOAM*
FOAM PLASTICS See PLASTICS -*FOAM:* PACKAGING MATERIALS
FOAM RUBBER See RUBBER
FOCUS COILS See COILS
FOCUS MAGNETS -*PERMANENT, TV* See MAGNETS -*PERMANENT*
FOIL See *ALUMINUM, COPPER, LEAD, TIN & TANTALUM*

FOIL -*MAGNETIC*

A.D. Mackay, Inc	198 Broadway, New York 38	NY
MAGNETIC SHIELD DIV., PERFECTION MICA CO Adv Pg 35	**1322 N. Elston Ave. Chicago 22**	**Ill**
Revere Copper & Brass, Inc	230 Park Ave. New York 17	NY
Semi-Alloys Inc	20 McQueston Pkwy N, Mt. Vernon	NY

FOIL-WOUND COILS See COILS
FOIL-WOUND CORES See CORES -*LAMINATED SPECIAL*
FOIL-WOUND TRANSFORMERS See TRANSFORMERS -*IRON-CORE*
FOOTCANDLE METERS See METERS -*LIGHT*
FOREIGN POWER ADAPTERS See ADAPTERS
FORK-CONTROLLED OSCILLATORS See OSCILLATORS - *A-F*

FORKS -*ELECTRICALLY DRIVEN TUNING*

Erwood Inc	1770 Berteau Ave. Chicago 13	Ill
Fork Standards Inc	1915 N Harlem Ave. Chicago 35	Ill
Muirhead & Co., Ltd	Beckenham, Kent, England	
MURATA MFG. CO. LTD., Adv Pg 256	**Nagaoka-cho. Kyoto**	**Jap**
Philamon Laboratories, Inc.	90 Hopper St. Westbury	NY
Summit Electronics, Inc	7 Industrial Pl, Summit	NJ
VARO, INC Adv Pg 118	**2201 Walnut St. Garland**	**Tex**

FORMED WIRE PARTS See WIRE PARTS -*FORMED*
FORMING MACHINES See MACHINES -*FORMING*

FORMS -*COIL & RESISTOR (WITHOUT FLANGES)*

1. *CERAMIC*
2. *PAPER*
3. *PLASTIC*

See Also BOBBINS

Aerocoil Inc., 1	2207 Summit Ave. Union City	NJ
AMERICAN LAVA CORP., 1, Adv Pg 237	**Cherokee & Mfgrs Rd. Chattanooga 5**	**Tenn**
American Molded Products Co., 3	2727 W Chicago Ave. Chicago 22	Ill
American Quartz Labs, Inc., 3	Garrison	NY
Bonny Mfg. Corp., 3	146 Main St, Maynard	Mass
Boone & Valentine, Inc., 3	3336 Gorham Ave, Minneapolis 26	Minn
Brilhart Plastics Corp., 3	Old Country Rd. Mineola	NY
CFI CORP., 1, Adv Pg 294	**Cottage Pl. Mineola**	**NY**
Caddell Burns Mfg. Co., Inc., 1-2-3	40 E 2nd St. Mineola	NY
Cambridge Thermionic Corp., 1-2-3	445 Concord Ave, Cambridge 38	Mass
CARBORUNDUM CO. REFRACTORIES DIV., 1, Adv Pgs 104, 105	**Perth Amboy**	**NJ**
Carmer Industries, Inc	22 N. 26 St, Kenilworth	NJ
CENTRALAB ELECTRONICS, DIV. GLOBE-UNION, INC., 1, Adv. Pgs. 376, 377	**914Y E Keefe Ave. Milwaukee 1**	**Wis**
Cleveland Container Co., 2-3	6201 Barberton Ave, Cleveland 2	Ohio
Colber Corp., The, 1	26 Buffington St, Irvington	NJ
Comco Plastics, Inc., 3	98-40 Jamaica Ave. Richmond Hill	NY
Continental-Diamond Fibre Corp., 3	Newark 100	Del
Cosmo Plastics Co., 3	3270 W. 14 St, Cleveland	Ohio
Crystal-X Corp., 3	403 Lenni Rd. Lenni Mills 2	Pa
Culbertson Products, Inc., 1	25 Samson Ave, Madison	NJ
Dean Plastics Inc., 3	110 Herbert Ave, Closter	NJ
Delta Coils, Inc., 1-2-3	1120 Madison Ave. Paterson 3	NJ
Electrical Refractories Co., 1	50 Clark St, E. Palestine	Ohio
Electro-Ceramics, Inc., 1	2645 S 2nd W. Salt Lake City 15	Utah
Electronic Service Corp., 3	2906 Birch St, Franklin Park	Ill
Emeloid Co. Inc., 3	1239 Central Ave, Hillside 5	NJ
Emerson & Cuming, Inc., 3	869 Washington St. Canton	Mass
Emerson Plastics Corp., 3	1381 Seabury Ave. Bronx 61	NY
EPOXY PRODUCTS, DIV JOS WALDMAN & SONS, 3, Adv Pg 337	**133 Coit St. Irvington**	**NJ**
Fisher & Crone, 3	107 N. Camac St, Philadelphia 7	Pa
Form-It Products, Inc., 2-3	1619 W. Walnut St, Chicago 12	Ill
Garde Mfg. Co., 3	51 John St, Cumberland	RI
GENERAL CERAMICS DIV. INDIANA GENERAL CORP., 1, Adv Pg 77	**Keasbey**	**NJ**
General Components Co., 3	225-229 E 144th St. New York 51	NY
Gladding, McBean & Co., 1	1551 S. Primrose St, Monrovia	Cal
H & H MACHINE CORP., Adv Pg 458	**Noble & Jackson Sts. Norristown**	**Pa**
Haveg Industries Inc., 3	900 Greenbank Rd. Wilmington 8	Del
Isolantite Mfg Corp., 1	Stirling	NJ
Kirchberger & Co., Inc., M., 1-3	248 Humphrey St, Englewood	NJ
Long, Inc., Thomas J., 3	215 Stonehinge Ln, Carle Place	NY
Materials for Electronics, Inc., 1	152-25 138 Ave, Jamaica 34	NY
Middlesex Paper Tube Co. Inc., 2	345 Chelmsford St. Lowell	Mass
Midwest Molding & Mfg. Co., 3	Gurnee	Ill
Miller Mfg. Co., James, 1-3	150 Exchange St, Malden	Mass
Miller Co., J.W., 1-2-3	5917 S Main St. Los Angeles 3	Cal
Minn-Honeywell, Ceramics Lab., 1	Box 440, Minneapolis 40	Minn
Molding Corp of America, 3	42 Church St, Pawtucket	RI
MYCALEX CORP. OF AMERICA, 1, Adv Pg 351	**125 Clifton Blvd. Clifton**	**NJ**
NATIONAL BERYLLIA CORP., 1, Adv Pg 552	**1st & Haskell, Haskell**	**NJ**
National Ceramic Co., 1	500 Southard St. Trenton 2	NJ
National Molded Co. Inc., 3	257 South St. Newark 5	NJ
NATIONAL RADIO CO., 1, Adv Pg 499	**37 Washington St. Melrose 76**	**Mass**

Nems Labs, Inc., 3	8 Lawrence St. Belleville 7	NJ
Nichols Products Co., 3	323 W Main St. Moorestown	NJ
NORTH HILLS ELECTRONICS INC., 3, Adv Pg 505	**Glen Cove**	**NY**
Orr & Willadsen, Ltd., 3	47 Crockford Blvd, Toronto 16, Ontario, Canada	
PARAMOUNT PAPER TUBE CORP., 2 Adv Pg 543	**614 Lafayette St, Fort Wayne**	**Ind**
Penn Fibre & Specialty Co., 2-3	2032 E Westmoreland St. Phila. 34	Pa
PRECISION PAPER TUBE CO., 2-3 Adv Pg 468	**2041 W. Charleston St. Chicago 47**	**Ill**
Quality Components Inc., 3	[illegible]	Pa
Radio Industries, Inc., 3	650 Garland Pl, Des Plaines	Ill
RESDEL CORP., 3 Adv Pg 519	**P.O. Box 217, Rio Grande**	**NJ**
Ronar Plastics Inc., 3	1311 E Main St, St. Charles	Ill
Rostone Corp., 3	Rt 52 South, Lafayette	Ind
Silicone Insulation, Inc., 3	1395 Seabury Ave, Bronx 61	NY
Smith, Inc., Herman H., 3	2325 Nostrand Ave. Brooklyn 10	NY
Spaulding Fibre Co. Inc., 3	310 Wheeler St. Tonawanda	NY
Speed Electronics Inc., 3	177 Mill Ln. Mountainside	NJ
Star Porcelain Co., 1	61 Muirhead Ave, Trenton 9	NJ
Stevens Products, Inc., 2-3	86-88 Main St. East Orange	NJ
Stevens Mfg. Co., E.M., 1	3020 Jerome Ave, Chattanooga 1	Tenn
Stone Paper Tube Co., Div., Stone Straw Corp., 2-3	900 Franklin St, N.E., Washington 17	DC
Supreme Electronics Corp., 2-3	4-6 Radford Place, Yonkers	NY
SUPERIOR STEATITE & CERAMIC CORP., 1-3, Adv Pg 536	**83-91 W Forest Ave. Englewood**	**NJ**
Swanson Co., Inc., V.H., 3	552 Elm St, Kearny	NJ
Sylvania Electric Products Inc. Parts Div., 3	12 2nd Ave. Warren	Pa
Tanner Engineering Co., 3	1000 Santa Fe Ave. Los Angeles 21	Cal
Telegraph Condenser Co. Ltd., 1	N Acton, London W3	Eng
Thor Ceramics, Inc. 1-3	225 Belleville Ave, Bloomfield	NJ
United Fabricators Electronics, Inc., 3	Stillwater	Minn
United Mineral & Chemical Corp., 1	16 Hudson St, New York 13	NY
United Products Co., 1-2-3	165 Franklin Ave, Nutley 10	NJ
VECTOR ELECTRONIC CO., 2, Adv Pg 544	**1100 Flower St. Glendale 1**	**Cal**
WATERS MANUFACTURING INC., 1, Adv Pg 44	**Boston Post Rd. Wayland**	**Mass**
Wells Electronics Co., 3	1701 S Main St, South Bend 23	Ind

FORMS -*EPOXY, ENCAPSULATING*

AC Electronics, Inc	11725 Mississippi Ave, Los Angeles 25	Cal
Biggs Co. Inc. Carl H.	Dept EB, 1547 14 St, Santa Monica	Cal
Boonton Molding Co.	Boonton	NJ
Brilhart Plastics Corp	Old Country Rd, Mineola	NY
Cambridge Thermionic Corp	445 Concord Ave, Cambridge 38	Mass
Components for Research Inc	973 Commercial St, Palo Alto	Cal
Continental-Diamond Fibre Corp	Newark 100	Del
Cosmo Plastics Co	3239 W. 14 St, Cleveland	Ohio
Dean Plastics Inc	110 Herbert Ave. Closter	NJ
Delta Coils, Inc	1128 Madison Ave, Paterson 3	NJ
Electronic Production & Development, Inc	[illegible] Prairie Ave, Hawthorne	Cal
Electronic Service Corp	2906 Birch St, Franklin Park	Ill
Emerson & Cuming, Inc	869 Washington St, Canton	Mass
Emerson Plastics Corp	1385 Seabury Ave, Bronx 61	NY
EPOXY PRODUCTS, DIV JOS WALDMAN & SONS, Adv Pg 337	**133 Cold St. Irvington**	**NJ**
G. B. Components Inc	14621 Arminta St, Van Nuys	Cal
General Components Co	225-229 E. 144th, New York 51	NY
Kirchberger & Co., Inc., M.	248 Humphrey St, Englewood	NJ
Lawrence Adhesive & Chemical Co. Inc	19 S Canal St, Lawrence	Mass
Nems Labs, Inc	8 Lawrence St, Belleville 7	NJ
Plastronic Engineering Co	221 Boston Post Rd, Marlborough	Mass
PRECISION PAPER TUBE CO Adv Pg 468	**2041 W. Charleston St. Chicago 47**	**Ill**
RESDEL CORP., Adv Pg 519	**P.O. Box 217, Rio Grande**	**NJ**
Ross Co., Milton	279 Jacksonville Rd, Hatboro	Pa
Silicone Insulation, Inc	1395 Seabury Ave, Bronx 61	NY
Stevens Products, Inc	86-88 Main St, East Orange	NJ
SUPERIOR STEATITE & CERAMIC CORP., Adv Pg 536	**83-91 W Forest Ave. Englewood**	**NJ**
Tanner Engineering Co	1000 Santa Fe Ave, Los Angeles 21	Cal
Thor Ceramics, Inc	225 Belleville Ave, Bloomfield	NJ
Transel Mfg Co. Inc	84-56 Parsons Blvd, Jamaica 32	NY
United Products Co	165 Franklin Ave, Nutley 10	NJ
U. S. Dielectric Products, Inc	18 Adams St, Leominster	Mass
U. S. Electronics Corp	270 Warren St, Lyndhurst	NJ
Wells Electronics Co	1701 S Main St, South Bend 23	Ind

FORSTERITE See CERAMICS
FRACTIONAL - HP MOTORS See MOTORS
FREQUENCY ANALYZERS See ANALYZERS
FREQUENCY CALIBRATION SERVICES See CALIBRATION SERVICES

FRAMES -*MOUNTING*

1. MEMORY CORE (WITHOUT CORES) *2. PLUG-IN UNIT* *3. PRINTED CIRCUIT BOARD*

AMERICAN LAVA CORP., 3, Adv Pg 237	**Cherokee & Mfgrs Rd. Chattanooga 5**	**Tenn**
Appleton Electric Co	1701 W Wellington, Chicago 13	Ill
Brown's Inc., 1-2-3	298-300 E 5th St, St Paul 1	Minn
Cambridge Thermionic Corp., 1	445 Concord Ave, Cambridge 38	Mass
Continental-Diamond Fibre Corp., 3	Newark 100	Del
Control Equipment Corp., 2-3	19 Kearney Rd, Needham Heights 94	Mass
Dean Plastics Inc., 3	110 Herbert Ave, Closter	NJ
Electro Logic Corp., 2	515 Boccaccio Ave, Venice	Cal
Electro-Rack, Inc., 3	11501 Jefferson Blvd, Culver City	Cal
ENGINEERED ELECTRONICS CO., 2, Adv Pg 326	**1441 E Chestnut Ave. Santa Ana**	**Cal**
Etching Corp. of Cal. Div. Allegri-Tech Inc., 3	865 Hinckley Rd, Burlingame	Cal
Gamble Mfg. Co., 3	52 John St, Cumberland	RI
Librascope, Div. General Precision Inc., 3	808 Western Ave, Glendale	Cal
Miniature Electronic Components Corp., 1	21 Plymouth St, Holbrook	Mass
MULLARD OVERSEAS LTD., 1, Adv Pg 448	**Torrington Pl. London WC 1**	**Eng**
NAVIGATION COMPUTER CORP., 2-3, Adv Pg 511	**Valley Forge Ind Park, Norristown**	**Pa**
Orr & Willadsen Ltd., 3	47 Crockford Blvd, Toronto 16	Ont
Penn Fibre & Specialty Co., 3	2032 E Westmoreland St, Phila 34	Pa
Plug-In Instruments, Inc., 2-3	1416 Lebanon Rd, Nashville 10	Tenn
Rimak Electronics Inc., 3	10509 Vanowen St, N Hollywood	Cal
Ross Co., Milton, 3	279 Jacksonville Rd, Hatboro	Pa
SEALECTRO CORP., 1, Adv Pg 352	**139 Hoyt Ave. Mamaroneck**	**NY**
Steel Heddle Mfg Co., 1	2100 W Allegheny Ave, Philadelphia 32	Pa
U. S. Dielectric Products, Inc., 3	18 Adams St, Leominster	Mass
U. S. Electronics Corp., 1	270 Warren St, Lyndhurst	NJ

VECTOR ELECTRONIC CO., 3, Adv Pg 544	**1100 Flower St. Glendale 1**	**Cal**
WESTERN DEVICES INC., 3, Adv Pg 64	**600 W Florence Ave. Inglewood**	**Cal**

FREIGHT See SHIPPING SERVICES
FREQUENCY CALIBRATORS See CALIBRATORS -*FREQUENCY*
FREQUENCY CONTROLS See REGULATORS -*FREQUENCY*
FREQUENCY COUNTERS See COUNTERS -*ELECTRONIC*
FREQUENCY TO DC CONVERTERS See CONVERTERS -*FREQUENCY TO DC*
FREQUENCY DIVIDERS See DIVIDERS -*FREQUENCY*
FREQUENCY INDICATORS See METERS -*FREQUENCY*
FREQUENCY MARKERS -*MICROWAVE* See MARKERS -*FREQUENCY, MICROWAVE*

FREQUENCY-MEASURING SERVICE -*RADIO*

Cambridge Thermionic Corp	445 Concord Ave, Cambridge 38	Mass
Eidson Electronic Co	1802 N. Third St, Temple	Tex
Savoy Electronics Inc	1314 NE 17 Ct. Box 7127, Ft Lauderdale	Fla

FREQUENCY METERS See METERS -*FREQUENCY*
FREQUENCY MODULATION See F-M LISTINGS
FREQUENCY MONITORS See MONITORS -*FREQUENCY*
FREQUENCY MULTIPLIERS See GENERATORS -*SIGNAL, HARMONIC*
FREQUENCY RECORDERS See RECORDERS -*FREQUENCY*
FREQUENCY REGULATORS See REGULATORS -*FREQUENCY*
FREQUENCY-SELECTIVE RELAYS See RELAYS
FREQUENCY-SHIFT KEYERS See KEYERS
FREQUENCY-SHIFT SYSTEMS See COMMUNICATION SYSTEMS
FREQUENCY STANDARDS See STANDARDS
FUEL GAGES See GAGES -*FUEL*
FUNCTION GENERATORS -*COMPUTER* See GENERATORS -*FUNCTION*
FUNCTION MULTIPLIERS See MULTIPLIERS -*COMPUTER*
FUNGICIDAL COATINGS See COATINGS

FUNGIPROOFING SERVICES

Biggs Co. Inc. Carl H.	Dept EB, 1547 14 St, Santa Monica	Cal
Dean Plastics Inc	110 Herbert Ave. Closter	NJ
Electronic Service Corp	2906 Birch St, Franklin Park	Ill
Orr & Willadsen, Ltd	47 Crockford Blvd, Toronto 16, Ontario, Canada	
Twin City Metalseal Corp	801 S.E. 8th St, Minneapolis 14	Minn

FUNGUS TEST CHAMBERS See CHAMBERS

FURNACES

1. CONTROLLED ATMOSPHERE *2. ELECTRIC (FOR COMPONENT PRODUCTION)* *3. GAS-FIRED (FOR COMPONENT PRODUCTION)* *4. HIGH-FREQUENCY* *5. TEMPERATURE GRADIENT* *6. VACUUM*

Ajax Magnethermic Corp., 4-6	3990 Simon Rd. Youngstown 1	Ohio
American Gas Furnace Co., 1-3-5	130 Spring St, Elizabeth	NJ
Associated Engineering & Mfg Corp., 1-2	Glen Ridge	NJ
Baker Co. Inc., 6	106 Granite St. Biddeford	Me
BETHLEHEM FOUNDRY & MACHINE CO., 6 Adv Pg 532	**225 W 2nd St. Bethlehem**	**Pa**
Blue M Electric Co., 2-5	138 & Chatham St. Blue Island	Ill
Cawthron Electron Oscillator Div. Short Wave Plus Form Co., 4-6	395 N Newport Blvd. Newport Beach	Cal
Consolidated Electrodynamics Corp., 6	360 N. Sierra Madre Villa, Pasadena	Cal
Controlled Atmosphere Enclosures Mfg Co., 1-2-5-6	1061 E 8th St. Jacksonville 6	Fla
CURTISS-WRIGHT CORP. PRINCETON DIV., 2, Adv Pgs 382, 426, 494	**Princeton**	**NJ**
DESPATCH OVEN CO., 2-3-4-5, Adv Pg 180	**Minneapolis**	**Minn**
Eisler Engineering Co. Inc., 1-2-3-4	751 S 13 St, Newark 3	NJ
Electric Hotpack Co. Inc., 2-5-6	5076 Cottman St. Philadelphia 35	Pa
EMPIRE SERVICES, 2, Adv Pg 484	**4D-3, Skaneateles**	**NY**
Engelhard Industries Inc., 2-3-4	113 Astor St, Newark 2	NJ
Engineering Science Div Amer Metal Pdts Co., 1-4-6	2900 S State St, Ann Arbor	Mich
Gardner Lab. Inc., 2-3	Box 5728-E, Bethesda 14	Md
GENERAL ELECTRIC CO. APPARATUS SALES, 1-2-3-4-6, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
General Vacuum Corp., 6	83 Hicks Ave, Medford 55	Mass
Harper Electric Furnace Corp., 1-2-3	110 Pearl St, Buffalo 2	NY
HAYES, INC., C. I., 1-2-4-5-6, Adv Pg 236	**875 Wellington Ave. Cranston 10**	**Ill**
Hevi-Duty Electric Co. Div. Basic Products Corp., 1-2-3-5-6	304 Hart St. Watertown	Wis
High Vacuum Eqpt. Corp. Sub. Robinson Tech. Prods. Inc., 6	2 Churchill Rd. Hingham	Mass
HOWELL INSTRUMENTS INC., 5, Adv Pg 358	**3479 W Vickery Blvd. Fort Worth 7**	**Tex**
Hull Corp., 6	Davisville Rd, Hatboro	Pa
Hubbert Co., K. H., 1-2-5-6	6830-40 S Cottage Grove, Chicago 37	Ill
Induction Heating Corp., 4	181 Wythe Ave, Brooklyn 11	NY
International Pump & Machine Works, 6	81 Dorsa Ave, Livingston	NJ
KAHLE ENGINEERING CO., 1-2-3-5-6 Adv Pg 98	**3322 Hudson St, Union City**	**NJ**
Kanthal Corp., 2	Amelia Pl, Stamford	Conn
Kewaunee Scientific Equipment, 1-6	4025 Logan St, Adrian	Mich
Kinney Vacuum Div., New York Air Brake Co., 6	3529 Washington St, Boston	Mass
Labline, Inc., 5-6	3070 W Grand Ave, Chicago 22	Ill
Laboratory Equipment Corp., 4	Lakeview & Hilltop Rd, St. Joseph	Mich
Leeds & Northrup Co., 1-5	4970 Stenton Ave, Phila. 44	Pa
LEPEL HIGH FREQUENCY LABS. INC., 1-4-6, Adv Pg 410	**54-18 37th Ave. Woodside 77**	**NY**
Lindberg Engineering Co., 1-2-3-4-6	2450 W Hubbard St, Chicago	Ill
Litton Engineering Labs, 1-2	Box 949 Grass Valley	Cal
MRC Mfg. Corp., 1-2-5-6	47 Buena Vista Ave, Yonkers	NY
Materials for Electronics, Inc., 3	132-25 135 Ave, Jamaica 34	NY
NRC Equipment Corp., 6	160 Charlemont St, Newton 61	Mass
Ohio Crankshaft Co., Tocco Div., 4	3800 Harvard Ave, Cleveland 5	Ohio
Pacific Scientific Co., 1-2-3-4-5-6	Box 22019, Los Angeles 22	Cal
Pereny Equipment Co., Inc., 1-2-5	893 Chambers Rd, Columbus	Ohio
Phillips Electronics Mfg Co., 4	114 Allen Blvd, Farmingdale	NY
Pitt Precision Products, 2-5	261 Madison Ave, New York 16	NY
Radio Frequency Co. Inc., 4	44 Park St, Medfield	Mass
Reeve Electronics, Inc., 4	609 W. Lake St, Chicago 6	Ill
Research Inc., 2-5-6	Box 6164, Edina Br, Mpls 24	Minn
Scientific Engineering Labs., 6	1510 6th St. Berkeley 10	Cal
Selas Corp of America, 3	Dresher	Pa

Stokes-Ives Co., 1-2-3	Springfield Rd, Union	NJ
STEWART ENGINEERING CO., 1, Adv Pg 515	**467 Bean Creek Rd. Santa Cruz**	**Cal**
STOKES CORP., F. J., 6, Adv. Pgs. 249-252	**5500 Tabor Rd. Phila 20**	**Pa**
Sunbeam Equipment Corp., 1-2-3	174 Mercer St. Meadville	Pa
Sylvania Elec Prods Inc. Sylcor Div., 1-4-6	208-20 Willets Point Blvd. Bayside	NY
Tang Industries Inc., 1-2-5	470 Main St. Waltham 54	Mass
Temperature Engineering Corp., 1-2-3-5-6	1500 Tempcor Blvd. Riverton	NJ
Thermo Electric Mfg. Co., 2	465 Huff St, Dubuque	Iowa
Thermovolt Instruments Ltd., 1-4-5-6	70 Advance Rd. Toronto 18	Ont
Trane Co., 3	LaCrosse	Wis
Ulmer Co., H. W., 6	2941 San Luis Rey Rd. Oceanside	Cal
U.S. Steel Corp., 2-4	525 Wm Penn Pl, Pittsburgh 30	Pa
VACTRONIC LAB. EQUIPMENT, INC., 6, Adv Pg 560	**21 Monmouth Ct. East Northport**	**NY**
Vacuum - Electronics Corp., 6	Terminal Dr. Plainview	NY
Vacuum Specialties Co., 1-6	34 Linden St. Somerville	Mass
Wiegand Co., Edwin L	7606 Thomas Blvd. Pittsburgh 8	Pa
Young Brothers Co., 1-2-3-4	1829 Columbus Rd, Cleveland	Ohio

FURNITURE -*ELECTRONIC LABORATORY* See BENCHES & STOOLS
FUSED QUARTZ See QUARTZ -*FUSED*
FUSE HOLDERS See HOLDERS
FUSE RESISTORS See RESISTORS -*FUSE*

FUSES

1. STANDARD *2. TIME DELAY*

AR & T Electronics, Inc., 1	1201 McAlmont St, Little Rock	Ark
Bel Fuse, Inc., 1-2	198 Van Vorst St, Jersey City	NJ
BUSSMANN MFG. DIV. McGRAW-EDISON CO., 1-2, Adv Pg 136	**University at Jefferson, St. Louis 7**	**Mo**
Cable Electric Products, 1	234 Daboll St, Providence	RI
Eagle Electric Mfg. Co., Inc., 1-2	23-10 Bridge Plaza S., L.I. City	NY
Economy Fuse Div. Fed. Pac. Elec. Co., 1-2	2070 Maple St. Des Plaines	Ill
ELECTRONIC PRODUCTS CORP., 2, Adv Pgs 545, 546	**4642 Belair Rd. Baltimore 6**	**Md**
Hermetic Seal Corp., 1-2	29-37 S. Sixth St, Newark 7	NJ
Littelfuse, Inc., 1-2	1865 Miner St, Des Plaines	Ill
Microlectron, Inc., 1	1547 15th St. Santa Monica	Cal
ROYAL ELECTRIC CORP., 1-2, Adv Pg 108	**95 Grand Ave. Pawtucket**	**RI**
Sightmaster Corp., 1-2	50 Aleppo St, Providence	RI
Telegraph Condenser Co. Ltd., 1	N Acton, London W3	Eng
Thermocal Div., Jameson Labs., Inc., 1-2	7800 Haskell Ave, Van Nuys	Cal

FUSE WIRE See WIRE -*RESISTANCE*

GAGES -*BETA*

American Tradair Corp., Sub of Elco Electronics, Ltd	34-01 38 St, Long Island City 6	NY
CURTISS-WRIGHT CORP. PRINCETON DIV., Adv Pgs 382, 426, 494	**Princeton**	**NJ**
Franklin Systems, Inc	Box 3250, W Palm Beach	Fla
Industrial Nucleonics Corp	650 Ackerman Rd, Columbus 2	Ohio
Isotope Developments Ltd	Bath Rd Beenham, Reading, Berks	Eng
Jordan Electronics Div. Victoreen Ins. Co	121 S Palm Ave, Alhambra	Cal
Kahl Scientific Instrument Corp	737 W Main St. El Cajon	Cal
Ohmart Corp	2236 Bogen St. Cincinnati	Ohio
Pratt & Whitney Co., Inc	Charter Oak Blvd, West Hartford 1	Conn
Radiation Counter Labs., Inc	5121 W. Grove St, Skokie	Ill
Teffer Electronics Inc	2705 Brklyn-Qns Exp W, Woodside 77	NY
Tracerlab, Inc	1601 Trapelo Rd, Waltham 54	Mass
U. S. Nuclear Corp	801 N. Lake St, Burbank	Cal
Western Radiation Lab.	1187 W. 24 St, Los Angeles 7	Cal

GAGES -*COATING THICKNESS*

American Tradair Corp., Sub of Elco Electronics, Ltd	34-01 38 St, Long Island City 6	NY
Automation Products Inc	3030 Max Roy St, Houston 24	Tex
Branson Instruments Inc	37 Brown House Rd. Stamford	Conn
CURTISS-WRIGHT CORP. PRINCETON DIV., Adv Pgs 382, 426, 494	**Princeton**	**NJ**
DYNA-EMPIRE INC., Adv Pg 514	**1075 Stewart Ave. Garden City**	**NY**
Franklin Systems, Inc	Box 3250, W Palm Beach	Fla
Gardner Lab. Inc	Box 5728-E, Bethesda 14	Md
Industrial Nucleonics Corp	650 Ackerman Rd, Columbus 2	Ohio
Magnaflux Corp	7328 W Lawrence Ave, Chicago 31	Ill
Ohmart Corp	2236 Bogen St. Cincinnati	Ohio
Philips Electronic Instruments	750 S Fulton Ave, Mt. Vernon	NY
Pratt & Whitney Co., Inc	Charter Oak Blvd, West Hartford 1	Conn
Sunshine Scientific Instrument	1810 Grant Ave, Philadelphia 15	Pa
Thomas Electronics, Inc	118 Ninth St, Passaic	NJ
Tracerlab, Inc	1601 Trapelo Rd, Waltham 54	Mass
Unit Process Assemblies Inc	53-15 37th Ave, Woodside 77	NY
U. S. Nuclear Corp	801 N. Lake St. Burbank	Cal
Vacuum - Electronics Corp	Terminal Dr. Plainview	NY

GAGES -*DIMENSION*

1. COMPARATOR-TYPE *2. DISPLACEMENT-MEASURING* *3. PHOTOELECTRIC*

Aerospace Controls, 2-3	1022 Colorado Ave. Santa Monica	Cal
Applied Control Corp., 2	1000 Main St. Hackensack	NJ
Applied Electronics Co., 3	213 E Grand Ave, S San Francisco	Cal
Ampex Corp., 2	11924 W. Washington Blvd, L.A. 66	Cal
Automatic Timing & Controls Inc., 3	King of Prussia	Pa
Canadian Research Institute, 3	85 Curlew Dr, Don Mills	Ont
Cleveland Instrument Co., 1-2	6220 E Schaaf Rd, Cleveland 31	Ohio
Daytronic Corp., 1-2	223-227 S. Jefferson St, Dayton	Ohio
Decker Corp., 2	45 Monument Rd, Bala Cynwyd	Pa
Dice Co., J. W., 1	Englewood	NJ
Diller & Co. Inc., W.C., 2	14820 Keswick St, Van Nuys	Cal
Edmund Scientific Co., 1	102 E Gloucester Pike, Barrington	NJ
Electro Radiation Inc., 3	11916 W Pico Blvd, Los Angeles 64	Cal
Electronic Control Corp., 3	1573 E. Forest St, Detroit 7	Mich
Fairfield Development Labs Inc., 1	190 Henry St, Stamford	Conn
Gar Precision Parts, Inc., 1	190 Henry St, Stamford	Conn
General Kinetics, Inc., 3	2611 Shirlington Rd, Arlington 6	Va
Hamilton Watch Co. Industrial Prods Div., 1	Lancaster	Pa
Indikon Co. Inc., 2	76 Coolidge Hill Rd, Watertown 72	Mass
Instrol, Inc., 2	135 E. Cota Guerra, Santa Barbara	Cal
Jones & Lamson Machine Co., 1	539-D Clinton St, Springfield	Vt

Mason Instrument Co. Inc., 3	Box 683, Mamaroneck	NY
Micrometrical Mfg Co., 1-2	Box 1067, Ann Arbor	Mich
Minatron Corp., 2	14 Clineden Pl. Belle Mead	NJ
Moore Products Co., 1	H & Lycoming Sts. Philadelphia 24	Pa
Optical Gaging Products, Inc., 1	26 Forbes St. Rochester 11	NY
Phillips Electronics Mfg Co., 1-2	119 Allen Blvd. Farmingdale	NY
Photobell Co. Inc., 3	12 E 22 St. New York 10	NY
Photocon Research Products, 2	421 N. Altadena Dr, Pasadena	Cal
Pratt & Whitney Co. Inc., 1-2	Charter Oak Blvd. West Hartford 1	Conn
Research Inc., 2	Box 6164, Edina Br. Mnpls 24	Minn
Rotiform Co., 3	1509 Colorado Ave. Santa Monica	Cal
Sheffield Corp. Sub Bendix Corp., 1	Box 893, Dayton 1	Ohio
Starrett Co. L. S., 1	165 Crescent St. Athol	Mass
Stocker & Yale Inc., 1-2	Green St. Marblehead	Mass
Stone Laboratories, Inc., 2	1312 Tremont St. Boston 20	Mass
Sunshine Scientific Instrument, 1	1810 Grant Ave. Philadelphia 15	Pa
Techni-Rite Electronics, Inc., 1-2	65 Centerville Rd. Warwick	RI
TECHNOLOGY INSTRUMENT CORP., 2, Adv Pgs 83, 86	**533 Main St. Acton**	**Mass**
Van Keuren Co., 2	176 Waltham St, Watertown	Mass
Wayne Kerr Corp., 2	1633 Race St, Philadelphia 3	Pa
Wells Industries Corp., 2-3	6880 Troost Ave. Hollywood	Cal
West Coast Research Corp., 2	2102 S. Sepulveda Blvd, Los Angeles	Cal

GAGES —FUEL, ELECTRONIC

Avien, Inc.	58-15 Northern Blvd. Woodside 77	NY
ELECTROSPACE CORP., Adv Pg 378	**99 E Hawthorne Ave. Valley Stream**	**NY**
Ellison Draft Gage Co. Inc.	546 W Monroe St. Chicago	Ill
General Ultrasonics Co	67 Mulberry St, Hartford 3	Conn
Liquidometer Corp.	41-03 36th St, Long Island City 1	NY
MODEL ENG. & MFG. CORP., Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Performance Measurements Co	15120 Third Ave, Detroit 3	Mich
Simmonds Precision Prods Inc.	105 White Plains Rd. Tarrytown	NY

GAGES —HUMIDITY See INDICATORS —HUMIDITY

GAGES —INSPECTION, ELECTRONIC (Incl. SPRING-CHECKING)

Arch Gear Works, Inc	97 Holmes St, North Quincy 71	Mass
Bearing Inspection, Inc	3311 E. Gage Ave, Huntington Park	Cal
Cleveland Instrument Co	6220 E. Schaaf Rd, Cleveland 31	Ohio
Daytronic Corp	223-227 S. Jefferson St, Dayton	Ohio
Dice Co., J.W.	Englewood	NJ
Edmund Scientific Co	502 E Gloucester Pike, Barrington	NJ
Everard Tap & Die Corp	213 E. 144th St. New York 51	NY
Hamilton Watch Co. Industrial Prods Div	Lancaster	Pa
Intra Corp	11 University Rd, Cambridge 38	Mass
Industrial Nucleonics Corp	650 Ackerman Rd. Columbus	Ohio
Industrial Tectonics Inc. Ball Div	3686 Jackson Rd. Ann Arbor	Mich
Jones & Lamson Machine Co	539-D Clinton St, Springfield	Vt
Magnaflux Corp	7300 W Lawrence Ave. Chicago 31	Ill
Micrometrical Mfg Co	Box 1067, Ann Arbor	Mich
Performance Measurements Co	15120 Third Ave, Detroit 3	Mich
Pratt & Whitney Co. Inc	Charter Oak Blvd. West Hartford 1	Conn
Rustrak Instrument Co	130 Silver St. Manchester	NH
Security Controls, Inc	500 Franklin St. Buffalo	NY
Sheffield Corp. Sub Bendix Corp.	Box 893, Dayton 1	Ohio
Starrett Co., L. S.	165 Crescent St. Athol	Mass
Stone Laboratories, Inc	1312 Tremont St. Boston 20	Mass
Techni-Rite Electronics, Inc	65 Centerville Rd. Warwick	RI
Thermo Electric Co. Inc.	109 5th St. Saddle Brook	NJ
Van Keuren Co	176 Waltham St, Watertown	Mass
WATERS MANUFACTURING INC., Adv Pg 44	**Boston Post Rd. Wayland**	**Mass**
Wayne Kerr Corp	1633 Race St, Philadelphia 3	Pa

GAGES —ION See GAGES —VACUUM
GAGES —IONIZATION See CHAMBERS —IONIZATION
GAGES —LIQUID & MATERIAL LEVEL See INDICATORS —LEVEL
GAGES —PAINT DEPTH See GAGES —COATING THICKNESS
GAGES —PIRANI See GAGES —VACUUM
GAGES —PRESSURE See INDICATORS —PRESSURE: TRANSDUCERS —PRESSURE

GAGES —STRAIN (GAGE ONLY) See Also INDICATORS —STRAIN

A. O. I. P	23 Pl. Jeanne d'Arc, Paris 13	Fr
Allegany Instrument Co. Div. Textron Electronics, Inc	1091 Wills Mountain, Cumberland	Md
American Instrument Co., Inc	8030 Georgia Ave, Silver Spring	Md
American Standard, Controls Div	5900 Trumbull, Detroit 8	Mich
Armstrong Whitworth Equipment	Hucclecote, Gloucester	Eng
B & F Instruments Inc	3644 N Lawrence St. Philadelphia 40	Pa
Baldwin-Lima-Hamilton Corp	42 Fourth Ave, Waltham 54	Mass
Bytrex Corp	50 Hunt St, Newton	Mass
Century Electronics & Instruments	1333 N. Utica, Tulsa 10	Okla
Fairchild Controls Corp	225 Park Ave. Hicksville	NY
Korfund Co. Inc	Cantiague Rd. Westbury	NY
Kulite Semiconductor Prods. Inc	1030 Hoyt Ave. Ridgefield	NJ
MODEL ENG. & MFG. CORP., Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Statham Instruments, Inc	12401 W. Olympic Blvd, Los Angeles 64	Cal
Tang Industries Inc	490 Main St. Waltham 54	Mass
U. S. Nuclear Corp	801 N. Lake St, Burbank	Cal
West Coast Research Corp	2102 S. Sepulveda Blvd, Los Angeles	Cal

GAGES —STYLUS PRESSURE

American-Standard, Controls Div	5900 Trumbull, Detroit 8	Mich
General Controls Co	801 Allen Ave, Glendale 1	Cal
Jones & Lamson Machine Co	539-D Clinton St. Springfield	Vt
MODEL ENG. & MFG. CORP., Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Robins Industries Corp	36-27 Prince St. Flushing 54	NY
U.S. GAUGE DIV. AMER-MACH & METALS, INC Adv. Pgs. 419, 420	**Sellersville**	**Pa**

GAGES —THICKNESS See INDICATORS —THICKNESS

GAGES —VACUUM (GAGES ONLY, INCLUDING PIRANI) See Also INDICATORS —VACUUM

Avien, Inc	58-15 Northern Blvd. Woodside 77	NY
Bon-De Electronic Labs. Inc	301-363 Rantoul St. Beverly	Mass
Bristol Co	Box 1790 EBG, Waterbury 20	Conn
Burton Instruments, Div Burton Mfg	2520 Colorado Ave, Santa Monica	Cal
Central Electronic Mfrs., Div Nuclear Corp America	2 Richwood Pl, Denville	NJ
Central Scientific Co. Div. Cenco Instr Inc	1700 Irving Park Rd. Chicago 13	Ill
CETRON ELECTRONICS CORP., Adv Pg 379	**715 Hamilton, Geneva**	**Ill**
Consolidated Electrodynamics Corp	360 N. Sierra Madre Villa, Pasadena	Cal
Edwards High Vacuum Inc	Cumberland Ave. Burlington	Ont
Electric Autolite Co	Champlain St. Toledo 1	Ohio
Electron Technology Inc	626 Schuyler Ave. Kearny	NJ
Electronic Research Labs	85 Surry St, Brighton 35	Mass
Ellison Draft Gage Co., Inc	546 W. Monroe St, Chicago	Ill
Fulton Sylphon Div, Robertshaw-Fulton	Box 400, Knoxville 1	Tenn
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
General Vacuum Corp	81 Hicks Ave. Medford 55	Mass
Green Rectifier Co	1-10 30th St, Fair Lawn	NJ
High Vacuum Equipment Corp., Sub, Robinson Technical Products, Inc	2 Churchill Rd, Hingham 1	Mass
Hill & Co., E. Vernon	P.O. Box 189, Lake Geneva	Wisc
International Pump & Machine Works	81 Dorsa Ave, Livingston	NJ
Kinney Vacuum Div., New York Air Brake Co	3529 Washington St, Boston	Mass
Laine Electronics & Mfg. Co. Inc	91 Industrial Ave. Little Ferry	NJ
MACHLETT LABORATORIES INC., Adv Pg 42	**1063 Hope St. Springdale**	**Conn**
Machlett Laboratories, Inc	1063 Hope St. Springdale	Conn
Minn-Honeywell, Brown Instruments Div	Wayne & Windrim Aves. Philadelphia 44	Pa
PEK Labs., Inc	4024 Transport St, Palo Alto	Cal
Radiation Research Corp	1150 Shames Dr. Westbury	NY
Radio Corp of America, Electron Tube Div	415 S 5th St. Harrison	NJ
Resitron Laboratories, Inc	2908 Nebraska Ave, Santa Monica	Cal
SIERRA ELECTRONIC CORP., Adv Pgs 128, 129	**3885 Bohannon Dr. Menlo Park**	**Cal**
Smith Co., Arthur F	311 Alexander St, Rochester	NY
STOKES CORP., F. J., Adv. Pgs. 249-252	**5500 Tabor Rd. Phila 20**	**Pa**
Temperature Engineering Corp	1500 Tempco Blvd. Riverton	NJ
Thermovolt Instruments Ltd.	70 Advance Rd. Toronto 18	Ont
Tucor Inc	59 Danbury Rd. Wilton	Conn
Ulmer Co., H. W.	2941 San Luis Rey Rd. Oceanside	Cal
U.S. GAUGE DIV., AMER-MACH & METALS, INC Adv. Pgs. 419, 420	**Sellersville**	**Pa**
VACTRONIC LAB. EQUIPMENT, INC., Adv Pg 560	**21 Manmouth Ct. East Northport**	**NY**
Vacuum - Electronics Corp	Terminal Dr. Plainview	NY
Vacuum Technology Inc	7933 Gloria Ave. Van Nuys	Cal
Varian Associates	611 Hansen Way, Palo Alto	Cal
Wallace & Tiernan, Inc	25 Main St, Belleville 9	NJ
Welch Scientific Co	1515 Sedgwick St. Chicago 10	Ill
Westinghouse Electric Corp. Electronic Tube Div	Box 284, Elmira	NY

GAIN CONTROLS See ATTENUATORS: POTENTIOMETERS

GALLIUM

Accurate Specialties Co. Inc.	345 Lodi St. Hackensack	NJ
Acme Chemical Co., Inc	40-40 Lawrence St, Flushing 54	NY
Aluminum Co of America	Alcoa Bldg. Pittsburgh 19	Pa
Belmont Smelting & Refining Works	332 Belmont Ave. Brooklyn 7	NY
Bram Metallurgical Chemical Co	12-65 Ave, Philadelphia 26	Pa
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Var-Lac-Oid Chemical Co	116 Broad St. New York 4	NY

GALVANOMETERS

A. O. I. P	23 Pl. Jeanne d'Arc, Paris 13	Fr
Block Associates, Inc	385 Putnam Ave. Cambridge 39	Mass
Bristol Co	Box 1790 EBG, Waterbury 20	Conn
Buck Engineering Co., Inc	43 Marcy St, Freehold	NJ
Central Scientific Co. Div. Cenco Instr Inc	1700 Irving Park Rd. Chicago 13	Ill
Century Electronics & Instruments	1333 N. Utica, Tulsa 10	Okla
Consolidated Electrodynamics Corp	360 N. Sierra Madre Villa, Pasadena	Cal
Epic, Inc	150 Nassau St, New York 38	NY
G-M LABORATORIES INC., Adv Pg 531	**4336 N Knox Ave. Chicago 41**	**Ill**
Geotechnical Corp	3401 Shiloh Rd. Garland	Tex
Guildline Instruments Ltd	Box 99, Smiths Falls	Ont
Hathaway Instruments Inc	5802 E Jewell Ave. Denver 22	Colo
Heiland Div., Minneapolis-Honeywell	5200 E. Evans Ave, Denver 22	Colo
HOWELL INSTRUMENTS INC., Adv Pg 358	**3479 W Vickery Blvd. Fort Worth 7**	**Tex**
KIN TEL DIV. COHU ELECTRONICS, Adv Pgs 244, 245, 247	**5725 Kearny Villa Rd. San Diego 12**	**Cal**
Leeds & Northrup Co	4970 Stenton Ave. Phila. 44	Pa
MASSA DIV. COHU ELECTRONICS, INC Adv Pgs 442, 443	**280 Lincoln St Hingham**	**Mass**
Meters, Inc	5353 N. Keystone Ave, Indianapolis 20	Ind
Minn-Honeywell, Rubicon Instruments	Ridge at 35 St, Philadelphia 32	Pa
Photon Instrument Co	6516 Detroit Ave, Cleveland 2	Ohio
PHYSICS RESEARCH LABS. INC., Adv Pg 478	**Box 555, Hempstead**	**NY**
SANBORN CO., Adv Pgs 300, 301	**175 Wyman St. Waltham 54**	**Mass**
Thermo Electric Co. Inc	109 5th St. Saddle Brook	NJ
Thermovolt Instruments, Ltd	70 Advance Rd, Toronto 18, Ontario, Canada	
Vac Line Inc	35 S St. Clair St. Dayton 2	Ohio
Welch Scientific Co	1515 Sedgwick St. Chicago 10	Ill
Westinghouse-Instrument Dept	Newark	NJ

GARAGE-DOOR CONTROLS See CONTROLS —DOOR
GARNET CRYSTALS See CRYSTALS —GARNET

GARNET —POLYCRYSTALLINE

Airtron, Div of Litton Industries	200 E Hanover Ave. Morris Plains	NJ
MICROWAVE CHEMICALS LAB. INC., Adv Pg 555	**282 7th Ave. New York 1**	**NY**
Var-Lac-Oid Chemical Co	116 Broad St. New York 4	NY

GAS ANALYZERS See ANALYZERS —GAS
GAS DETECTORS See DETECTORS —GAS

GASES

1. INERT 2. LIQUEFIED 3. NITROGEN 4. RARE

AIR PRODUCTS INC., 1-2-3-4, Adv Pg 464	**Box 538, Allentown**	**Pa**
Air Reduction Sales Co., 1-2-3-4	150 E 42 St. New York	NY
Allied Chemical Corp. Baker & Adamson Prods.-Gen. Chem. Div., 1-2-4	40 Rector St. New York	NY
BLACKBURN INC., P. W., 4, Adv Pg 556	**67 Main St. Dobbs Ferry**	**NY**
General Electric Co. Lamp Metals & Components Dept., 3-4	21800 Tungsten Rd. Cleveland 17	Ohio
Linde Co., Div., UCC, 1-2-3-4	270 Park Ave, New York 17	NY
A.D. Mackay, Inc., 1-4	198 Broadway, New York 38	NY
Matheson Co. Inc., 1-2-3-4	932 Paterson Plank Rd. East Rutherford	NJ
Minnesota Mining & Mfg Co. Chemical Division, 1	900 Bush Ave. St. Paul 6	Minn

GAS-FIRED BURNERS See BURNERS
GAS-FIRED FURNACES See FURNACES —GAS-FIRED
GAS-FIRED OVENS See OVENS, DRYERS & DEHYDRATORS

GASKETS

1. NONMETALLIC 2. WIRE-MESH SHIELDING

Advanced Products Co	59 Broadway, North Haven	Conn
Aero Bolt & Screw Co	1017 Arbor Vitae, Inglewood	Cal
Allegheny Plastics Inc., 1	10 Thorn Run Rd. Coraopolis	Pa
Allied Engineering & Productions Corp., 1	2421 Blanding Ave. Alameda	Cal
American Felt Co., 1	10 Glenville Rd, Glenville	Conn
Armstrong Cork Co., 1	Lancaster	Pa
Auburn Mfg. Co., The, 1-2	Pease Ave & Stack St, Middletown	Conn
Bestcraft Products Co., Inc., 1	626 Broadway, New York	NY
Bonny Mfg. Corp., 1	146 Main St, Maynard	Mass
CARBORUNDUM CO. REFRACTORIES DIV., 1, Adv Pgs 104, 105	**Perth Amboy**	**NJ**
Carner Industries, Inc	22 N. 26 St, Kenilworth	NJ
Chemplast, Inc., 1	3 Central Ave, East Newark	NJ
Connecticut Hard Rubber Co., 1-2	407 East St, New Haven 9	Conn
Continental-Diamond Fibre Corp., 1	Newark 100	Del
Cortland Industries, Inc., 1	4545 Cortland St, Chicago 39	Ill
Crystal-X Corp., 1	403 Lenni Rd. Lenni Mills 2	Pa
Dixon Corp., 1	19-21 Burns de St. Bristol	RI
Emeloid Co. Inc., 1	1239 Central Ave, Hillside 5	NJ
Emerson Plastics Corp., 1	1383 Seabury Ave, Bronx 61	NY
Emsco Plastics Corp., 1	68 Vine St. Everett	Mass
Enflo Corp., 1	Fellowship Rd, Rt. 73, Maple Shade	NJ
Felt Products Mfg. Co., 1	7450 N. McCormick Blvd, Skokie	Ill
Franklin Fibre Lamitex Corp., 1	P.O. Box 1768, Wilmington	Del
Gemex Corp. Industrial Div., 1-2	1200 Commerce Ave. Union	NJ
General Gaskets, Inc., 1	Middletown	Conn
Goodrich Industrial Prods. Co., B. F., 1	500 S Main St. Akron 18	Ohio
HK Metal Craft Mfg Corp., 2	3775 Tenth Ave. New York 34	NY
Halogen Insulator & Seal Corp., 1	9960 Pacific Ave, Franklin Park	Ill
I. E. Manufacturing, 1	3041 Carroll, Chicago 12	Ill
Insulation Manufacturers Corp., 1	565 W. Washington Blvd, Chicago 6	Ill
Jan Hardware Mfg Co. Inc., 1	38-01 Queens Blvd. Long Island City 1	NY
Joclin Mfg. Co., 1	9 Lufbery Ave, Wallingford	Conn
Johns-Manville, 1	22 E. 40 St, New York 16	NY
Linear, Inc., 1	State Rd & Levick St, Philadelphia	Pa
Long, Inc., Thomas J., 1	215 Dunnings La, Orris Place	NY
Mechanical Felt & Textiles Co., 1-2	50 W. 19 St, Northvale	NJ
Metal Textile Corp., Div of General Cable Corp., 2	647 E. First Ave, Roselle	NJ
Microwave Development Labs. Inc., 1-2	15 Strathmore Rd. Natick	Mass
Minisink Rubber Co., Inc., 1	Orange County, Unionville	NY
Minnesota Rubber Co., 1	3630 Wooddale Ave, Minneapolis	Minn
Minor Rubber Co. Inc., 1-2	40 Ackerman St. Bloomfield	NJ
Moxness Products Inc., 1	1916 Indiana St. Racine	Wis
National Felt Co., 1	76 Summer St, Boston 10	Mass
National Gasket & Washer Mfg. Co. Inc., 1	124 E 25 St. New York 10	NY
Newark Wire Cloth Co., 2	353 Verona Ave. Newark	NJ
Ohi & Williams, Ltd., 1	47 Crockford Blvd, Toronto 16, Ontario, Canada	
Parker Seal Co., Div of Parker-Hannifin Corp., 1	10567 Jefferson Blvd, Culver City	Cal
Pelmor Laboratories, Inc., 1	401 Lafayette St, Newtown	Pa
Pennsylvania Fluorocarbon Co. Inc., 1	1115 N 38th St. Philadelphia 4	Pa
Polymer Corp., 1	2120 Fairmont Ave. Reading	Pa
Rubbercraft Corp of Calif., 1	1800 W 220 St. Torrance	Cal
Russell Gasket Co., 1	7424 Bessemer Ave, Cleveland 27	Ohio
Schuyler Mfg. Corp., 2	84 Porete Ave, North Arlington	NJ
SHIELDING INC., 2, Adv Pg 307	**Box 33, Riverton**	**NJ**
Sierra Electric Corp., 1	15100 S. Figueroa St, Gardena	Cal
Silicone Insulation, Inc., 1	1385 Seabury Ave. Bronx 61	NY
Silicones-Miller Co., 1	Maplewood	NJ
Smith, Inc. Herman H., 3	2326 Nostrand Ave. Brooklyn 10	NY
Speed Electronics Inc., 1	177 Mill La, Mountainside	NJ
Stalwart Rubber Co., 1	160 Northfield Rd, Bedford	Ohio
Staver Co. Inc., 1	41 N Saxon Ave, Bay Shore	NY
Swenson Co., Inc., V.H., 1	562 Elm St, Kearny	NJ
Taylor Fibre Co., 1	Norristown 51	Pa
Technical Wire Products, Inc., 2	129 Dermody St. Cranford	NJ
U.S. Rubber Co., 1	1230 Ave of the Americas, New York 20	NY
Vellumoid Co., Sub., W.R. Grace & Co., 1	Worcester 6	Mass
Vernay Labs. Inc., 1	Yellow Springs	Ohio
Walden Electronics Inc., 1	4621 W 5th St. Chicago 32	Ill
Welcraft Products Co. Inc., 1	New Carlisle	Ind
Western Felt Works, 1	4109 Ogden Ave, Chicago	Ill
Wilmington Fibre Specialty Co., 1	New Castle 6	Del

GAUSSMETERS

Bell Inc., F. W.	1356 Norton Ave. Columbus 12	Ohio
DYNA-EMPIRE INC., Adv Pg 514	**1075 Stewart Ave. Garden City**	**NY**
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
RAWSON ELECTRICAL INSTRUMENT CO., Adv Pg 446	**111 Potter St. Cambridge 42**	**Mass**

GEAR-MOTORS See MOTORS

GEARS & GEAR TRAINS —PRECISION

Advance Instrument Corp	F St, Delmar	NJ
Arch Gear Works, Inc	97 Holmes St, North Quincy 71	Mass
Atlas Precision Products Co	3801 Castor Ave, Philadelphia 24	Pa
Avon Gear & Engineering Co	2011 Rice St, Melrose Park	Ill
Beaver Gear Works, Inc	1034 Parmele St. Rockford	Ill
Boston Gear Works, Inc	98 Hayward St. Quincy 71	Mass
BOWMAR INSTRUMENT CORP., Adv Pg 36	**8000 Bluffton Rd. Ft Wayne**	**Ind**
Custom Gear Co. Inc	648 College St. South Bend 28	Ind
Daco Instrument Co	Tillary & Prince, Brooklyn 1	NY
Dynex Industries Inc	170 Eileen Way, Syosset	NY
Dynamic Gear Co. Inc	175 Dixon Ave. Amityville	NY
Ellison Engineering Co	4530 San Fernando Rd. Glendale 4	Cal
Elm Instrument Corp	30 Chasner St, Hempstead	NY
FAE INSTRUMENT CORP., Adv Pg 428	**Norden La. Huntington Station**	**NY**
Fastex Div., Illinois Tool Works	195 Algonquin Rd, Des Plaines	Ill
Foster & Allen Inc	Chatham	NJ
Franke Gear Works, Inc	4411 Ravenswood Ave. Chicago 40	Ill
GAP INSTRUMENT CORP., Adv Pg 484	**5 Main St. Newtown**	**Conn**
Gear Specialties, Inc	2635 W. Medill Ave, Chicago 47	Ill
General Mills, Inc	1620 Central Ave. Minneapolis 13	Minn
Grant Gear Works, Inc	154 W. 2nd St, South Boston	Mass

[illegible] Pa
[illegible] NY
[illegible] Ill
[illegible] College Point 56 NY
[illegible] NJ
KEARFOTT DIV. GEN PRECISION INC., Adv Pg 394 — Little Falls — NJ
[illegible] Brooklyn 8 — NY
[illegible] Chicago 44 — Ill
[illegible] NY
[illegible] Mass
[illegible] Denver 3 — Colo
[illegible] Westbury — NY
[illegible] Mo
[illegible] NY
P I C Design Corp. [illegible] — NY
[illegible] Mass
[illegible] Fort Wayne — Ind
[illegible] NY
[illegible] Pa
[illegible] NY
[illegible] Phila. 44 — Pa
[illegible] Brooklyn 22 — NY
[illegible] New York 68 — NY
[illegible] NY
Superior Mfg. & Instrument Co. — [illegible] Ave. Long Island City — NY
TECHNOLOGY INSTRUMENT CORP OF ACTON, Adv Pgs 84, 85 — 536 Main St. Acton — Mass
[illegible] Mass
[illegible] London [illegible] 1 — Eng
[illegible] 13111 Wayzata Blvd. Minneapolis 40 — Minn
[illegible] NY

GEARS —COMPUTER See CAMS & GEARS
GEARS —NONCIRCULAR See CAMS & GEARS
GEIGER COUNTERS See COUNTERS —NUCLEAR PARTICLE
GEIGER-MULLER TUBES See TUBES —COUNTER, RADIATION
GENERATOR FIELD COILS See COILS
GENERATORS —COLOR TV See GENERATORS —SIGNAL

GENERATORS —ELECTROSTATIC

Canadian Research Institute — 85 Curlew Dr. Don Mills — Ont
Philips Electronic Instruments — 750 S Fulton Ave. Mt. Vernon — NY

GENERATORS —FUNCTION

1. BIASED DIODE
2. UNBIASED DIODE
3. ELECTRONIC
4. FIXED
5. VARIABLE-BASE

Advance Components Ltd., 3 — Roebuck Rd. Hainault, Ilford, Essex — Eng
AIRBORNE INSTRUMENTS LAB. DIV. CUTLER-HAMMER INC., 3, Adv Pg 151 — Comac Rd. Deer Park — NY
APPLIED ELECTRONICS CORP. OF NJ, 1-2-3, Adv Pg 518 — 22 Center St. Metuchen — NJ
AVNET INSTRUMENT CORP., 3, Adv Pgs 331, 364 — 70 State St. Westbury — NY
[illegible] Ill
[illegible] Ont
[illegible] Concord — Cal
Electro Radiation Inc., 4 — 11916 W Pico Blvd. Los Angeles 64 — Cal
[illegible] Ore
FXR INC., 3, Adv Pgs 100, 101 — 25-26 50th St. Woodside 77 — NY
[illegible] Cal
[illegible] 1815 Venice Blvd. Los Angeles 6 — Cal
[illegible] W Palm Beach — Fla
[illegible] Mich
HEWLETT-PACKARD CO., 3, Adv Pgs 19-34 — 1501 Page Mill Rd. Palo Alto — Cal
[illegible] 10532 Dupont Ave. Cleveland 8 — Ohio
INDUSTRIAL TEST EQUIPMENT CO., 4, Adv Pg 422 — 55 E 11th St. New York 3 — NY
[illegible] Mass
[illegible] Mass
[illegible] Ill
[illegible] Seattle — Wash
[illegible] Los Angeles 23 — Cal
[illegible] Cal
PHILBRICK RESEARCHES INC., GEORGE A., 1-2-3-4-5, Adv Pg 166 — 127 Clarendon St. Boston 16 — Mass
Pioneer Central Div. Bendix Corp., 3-4 — Davenport — Iowa
Plug-In Instruments, Inc., 1 — 1416 Lebanon Rd. Nashville 10 — Tenn
Reeves Instrument Corp., 3 — Roosevelt Field, Garden City — NY
RIXON ELECTRONICS INC., 5, Adv Pg 412 — 2414 Reedie Dr. Silver Spring — Md
[illegible] Eng
[illegible] 1742 S. Zeyn St. Anaheim — Cal
Space Electronics Corp., 3 — 930 Air Way, Glendale 1 — Cal
[illegible] Ont
[illegible] El Cajon — Cal
[illegible] 12927 S Budlong, Gardena — Cal
Tel-Instrument Electronics Corp., 3 — 728 Garden St. Carlstadt — NJ
[illegible] 1873 Eastern Pkwy. Brooklyn — NY
[illegible] Los Angeles 45 — Cal
Vernistat Div. Perkin-Elmer Corp., 5 — 759 Main Ave. Norwalk — Conn

GENERATORS —IMPULSE See GENERATORS —SIGNAL, PULSE

GENERATORS —NOISE

1. ACOUSTIC 2. MICROWAVE 3. R-F

AIRBORNE INSTRUMENTS LAB. DIV. CUTLER-HAMMER INC., 2-3, Adv Pg 151 — Comac Rd. Deer Park — NY
[illegible] E. First Ave. Roselle — NJ
Allied Electronics, 2 — 897 Commercial St. Palo Alto — Cal
Allison Laboratories, Inc., 1 — 11301 E. Ocean Ave. La Habra — Cal
[illegible] Mass
[illegible] Mass
Belz Industries Inc., 2 — 89 Union St. Mineola — NY
[illegible] York — Pa
[illegible] Denmark
Canadian Marconi Co., 2-3 — 2444 Trenton Ave. Montreal — Que
[illegible] 87-46 123rd St. Richmond Hill 18 — NY
[illegible] Eng

DeMORNAY-BONARDI CORP., 2, Adv. Pgs. 178, 179 — 780 S Arroyo Pkwy. Pasadena — Cal
[illegible] Los Angeles [illegible] — Cal
[illegible] Cal
EMPIRE DEVICES INC., 2-3, Adv Pg 132 — Amsterdam — NY
[illegible] New York 12 — NY
[illegible] Farmingdale — NY
[illegible] Mass
HEWLETT-PACKARD CO., 2-3, Adv Pgs 19-34 — 1501 Page Mill Rd. Palo Alto — Cal
Intercontinental Dynamics Corp., 1 — 170 Coolidge Ave. Englewood — NJ
KAY ELECTRIC CO., 2-3 Adv Pg 347, 348 — Maple Ave, Pine Brook — NJ
[illegible] Westbury — NY
Ling Electronics Div. Ling-Temco Electronics, Inc., 1 — [illegible] Anaheim — Cal
MARCONI INSTRUMENTS, 3 Adv Pgs 401, 402 — 111 Cedar La, Englewood — NJ
[illegible] Baltimore 3 — Md
[illegible] Salem — Mass
MICROWAVE CORP. OF AMERICA, 2-3, Adv Pg 462 — P.O. Box 278, Stamford — Conn
[illegible] Minneapolis [illegible] — Minn
[illegible] Conn
OMEGA LABORATORIES INC., 2, Adv Pg 226 — Box 309, Rowley — Mass
PRD ELECTRONICS INC., 2, Adv. Pgs. 113-116 — 202 Tillary St. Brooklyn 1 — NY
Philco Corp., Gov't & Ind'l Div., 2-3 — [illegible] Philadelphia 44 — Pa
POLARAD ELECTRONICS CORP., 2, Adv Pg 269-272 — 43-20 34 St, Long Island City 1 — NY
R.L.C. Electronics, Inc., 2-3 — [illegible] Mamaroneck — NY
R S ELECTRONICS CORP., 3, Adv Pg 305 — Box 11368, Sta A, Palo Alto — Cal
[illegible] 29-01 Borden Ave. Long Island City 1 — NY
Radiometer, 3 — 72 Emdrupvej, Copenhagen NV 1 — For
[illegible] Richmond — Cal
[illegible] Seattle — Wash
Raytheon Co. Ind Components Div., 1-3 — [illegible] Newton 58 — Mass
[illegible] Santa Monica — Cal
RIXON ELECTRONICS INC., 1-3, Adv Pg 412 — 2414 Reedie Dr. Silver Spring — Md
[illegible] 5650 Kearny Mesa Rd. San Diego 12 — Cal
[illegible] 24 Seneca Ave. Rochester — NY
Scott Inc., H. H., 1 — 111 Powder Mill Rd. Maynard — Mass
[illegible] Eng
SHIMADA PHYSICAL & CHEMICAL INDUSTRIAL CO., 2, Adv Pg 250 — 415 Shibazakicho, chofu-city, Tokyo — Jap
SIERRA ELECTRONIC CORP., 3, Adv Pgs 128, 129 — 3885 Bohannon Dr. Menlo Park — Cal
[illegible] Livingston Ave. Norwood — NJ
[illegible] Glendale 1 — Cal
[illegible] Gainesville — Fla
[illegible] Fla
STODDART AIRCRAFT RADIO CO INC., 3, Adv Pgs 455, 456 — 6644 Santa Monica Blvd. Hollywood 38 — Cal
TRG Inc., 2 — [illegible] — Mass
[illegible] Electronics Co. Inc., 2-3 — 49 Danbury Rd. Wilton — Conn
[illegible] Cal
[illegible] Conn
United [illegible] Corp., 2 — [illegible] Boston — Mass
[illegible] 611 Hansen Way, Palo Alto — Cal
[illegible] 751 Main St. Waltham 54 — Mass
[illegible] Palo Alto — Cal
[illegible] P.O. Box 7[illegible], Caldwell — NJ
[illegible] Los Angeles — Cal
Western Electro-Acoustic Lab., 1 — 11[illegible] San Vicente Blvd. Los Angeles — Cal

GENERATORS —POWER

1. A-C ROTATING, 60-CPS
2. A-C ROTATION, 400-CPS
3. A-C ROTATING, HIGHER-FREQUENCY
4. D-C ROTATING
5. D-C ROTATING, HAND-CRANKED
6. D-C ROTATING, WIND-DRIVEN
7. VARIABLE-FREQUENCY ELECTRONIC, SINGLE PHASE
8. VARIABLE FREQUENCY, ELECTRONIC, THREE-PHASE

ACCURATE INSTRUMENT CO., 7-8, Adv Pg 390 — 2418 W Alabama, Houston 6 — Tex
Allis-Chalmers Mfg Co., 1-2-4 — [illegible] Milwaukee 1 — Wis
American Electronics Inc. Precision Power Div., 2-3-7-8 — 1500 E Rose Ave. Fullerton — Cal
[illegible] 2245 Federal Ave. Los Angeles 64 — Cal
[illegible] Paterson 1 — NJ
Bill Jack Scientific Instrument Co., 2-3 — 143 Cedros Ave. Solana Beach — Cal
[illegible] Ont
[illegible] Danbury — Conn
[illegible] Don Mills — Ont
[illegible] Oscillator Div., Short Wave Plas. Fire. Co., 7-8 — [illegible] Newport Beach — Cal
[illegible] St. Louis 3 — Mo
[illegible] 4519 Hamilton Ave N.E., Cleveland 14 — Ohio
[illegible] Lab., Inc., 7-8 — [illegible] Plainfield — NJ
[illegible] Stamford — Conn
Continental Electric Co., Inc., 1-2-3-4 — 304 Ferry St. Newark 5 — NJ
Cosmic Inc., 3-4 — 3206 Grace St. Washington — DC
DAVENPORT MFG. DIV.-DUNCAN ELEC. CO., 7-8, Adv Pg 451 — 2530-32 N Elston Ave. Chicago 47 — Ill
Devco Inc., 3-4 — E Longmeadow — Mass
[illegible] Md
[illegible] Toledo 1 — Ohio
[illegible] Minneapolis 13 — Minn
Electric Motors & Specialties, Inc., 2 — [illegible] Garrett — Ind
Electro-Actuators Inc. Div. Omega Prec. Inc., 4 — 757 N Coney Ave. Azusa — Cal
[illegible] Mass
[illegible] Burbank — Cal
EMPIRE DEVICES INC., 7-8, Adv Pg 132 — Amsterdam — NY
GM Diesel, General Motors Corp., 2-7-8 — 13400 W Outer Dr. Detroit 28 — Mich
[illegible] 1-2-3-4-6-7-8 — 9851 Sepulveda Blvd. Los Angeles 45 — Cal
GENERAL ELECTRIC CO. APPARATUS SALES, 1-2-3-4, Adv Pgs 8, 9 — 1 River Rd. Schenectady 5 — NY
GENERAL ELECTRODYNAMICS CORP., 7-8, Adv Pg 127 — 4430 Forest La. Garland — Tex
General Radio Co., 7-8 — West Concord — Mass
[illegible] Co., 7 — [illegible] Hartford [illegible] — Conn
[illegible] 1-2-3-4-7-8 — [illegible] Los Angeles 64 — Cal
[illegible] Corp., 1-2-3-4 — [illegible] — Va
Gerst & Co., Paul E., 1-2-3-4-5-6-7 — [illegible] Chicago 4[illegible] — Ill
Globe Industries, Inc., 1-2-3-4-5 — 17[illegible] Stanley Ave. Dayton 4 — Ohio

Great Lakes Electric Mfg Co., 1-2-3-4 — [illegible] Chicago 6 — Ill
[illegible] Pa
[illegible] 714 N Brookhurst Ave. Anaheim — Cal
HALLICRAFTERS CO., 2-7-8, Adv Pg 385 — 4401 W 5th St. Chicago 24 — Ill
[illegible] Pa
[illegible] Ill
[illegible] NJ
Holtzer Cabot Div. National Pneumatic Co. Inc., 1 — [illegible] Boston 19 — Mass
[illegible] Port Chester — NY
Hoover Electric Co., 2-3-4 — [illegible] Los Angeles 25 — Cal
[illegible] 1 2-3-4-7-8 — [illegible] Boston 10 — Mass
Induction Heating Corp., 7-8 — [illegible] Brooklyn 11 — NY
INDUSTRIAL TEST EQUIPMENT CO., 7-8, Adv Pg 422 — 55 E 11th St. New York 3 — NY
INLAND MOTOR CORP. OF VA., 4, Adv Pg 472 — 347 King St. Northampton — Mass
INTERELECTRONICS CORP., 7-8, Adv Pg 521 — 2432 Grand Concourse, New York 58 — NY
International Research Associates, 7-8 — 2221 Warwick Ave. Santa Monica — Cal
Jack & Heintz Div. Siegler Corp., 1-2-3-4 — Box 6719, Cleveland 1 — Ohio
Kato Engineering Co., 1-2-3-4-6-7-8 — 1415 1st Ave. Mankato — Minn
[illegible] 1-2-3-7-8 — 1st Ave. at Chestnut, Mankato — Minn
KEARFOTT DIV. GEN PRECISION INC., 1-2-3-4, Adv Pg 394 — Little Falls — NJ
KIN TEL DIV. COHU ELECTRONICS, 7, Adv Pgs 244, 245, 247 — 5725 Kearny Villa Rd. San Diego 12 — Cal
[illegible] Mass
Kurz & Root Co., 1-2-3-4-5-7-8 — Appleton — Wisc
[illegible] Cal
Leland Airborne Products Div. A M F, 1-2-3-4 — [illegible] — Ohio
Lindberg Engineering Co., 1-2-7-8 — 2450 W Hubbard St. Chicago — Ill
[illegible] Ont
[illegible] 1-2-3-4 — [illegible] — Wisc
[illegible] Los Angeles 2[illegible] — Cal
[illegible] Pasadena — Cal
[illegible] Minneapolis 13 — Minn
MODEL ENG. & MFG. CORP., 7, Adv Pg 480 — 50 Frederick St. Huntington — Ind
[illegible] 2221 Barry Ave. Los Angeles — Cal
[illegible] Co., 1-2-4 — [illegible] Racine — Wis
[illegible] Troy — Ohio
NORTH HILLS ELECTRONICS INC., 7, Adv Pg 505 — Glen Cove — NY
[illegible] Cleveland 5 — Ohio
[illegible] 2515 University Ave SE, Minneapolis 14 — Minn
[illegible] 1 N Main St. Racine — Wis
OVITRON CORP., 7-8, Adv Pg 540 — 42-62 Johnes St. Newburgh — NY
[illegible] Los Angeles [illegible] — Cal
[illegible] Ohio
Phillips Electronics Mfg Co., 7-8 — 119 Allen Blvd. Farmingdale — NY
[illegible]
Pioneer Gen-E-Motor Corp., 1-4 — [illegible] Chicago [illegible] — Ill
Radio Dev. & Research Corp., 1-2-3-4-5-6-7-8 — [illegible] Paterson 3 — NJ
[illegible] Labs., Inc., 7 — [illegible] — NJ
[illegible] Detroit 14 — Mich
RED BANK DIV. BENDIX CORP., 1-2-4-5-6-7-8, Adv Pg 16, 17 — Eatontown — NJ
Robbins & Myers, Inc., 3 — [illegible] Springfield — Ohio
[illegible] Brooklyn 22 — NY
[illegible] Springfield — Ill
[illegible] Hawthorne — NJ
[illegible] Ill
[illegible] Seattle — Wash
Space Electronics Corp., 7 — 930 Air Way, Glendale 1 — Cal
[illegible] NY
[illegible] Gardena — Cal
[illegible] Hollywood 38 — Cal
[illegible] El Cajon — Cal
[illegible] Chicago 31 — Ill
[illegible] Rochester 25 — NY
[illegible] E Vermont, Anaheim — Cal
TECHNICAL APPARATUS BUILDERS, 7-8, Adv Pg 529 — 109 Liberty St. New York 6 — NY
Tel-Instrument Electronics Corp., 7-8 — [illegible] Carlstadt — NJ
Thompson Ramo Wooldridge Inc. Tapco Group, 2-3, 7-8 — [illegible] Cleveland 17 — Ohio
U. S. [illegible] Corp., 5 — [illegible] — Va
Vactric (Control Equipment) Ltd., 2 — [illegible] London [illegible] 1 — Eng
VARO, INC., 1-2-3-4-7-8, Adv Pg 118 — 2201 Walnut St. Garland — Tex
[illegible] St. Louis 3 — Mo
[illegible] Dayton 2 — Ohio
[illegible] Littleton — Mass
[illegible] Cal
[illegible] Pasadena 1 — Cal
[illegible] 1-2-3-4 — [illegible] — NY
[illegible] Co., 1-4 — [illegible] Sioux City — Iowa
[illegible] Cleveland — Ohio
[illegible] Div., 1-2-3-4-5-7-8 — 1375 El Camino Real, Santa Clara — Cal

GENERATORS —RATE See TACHOMETERS

GENERATORS —REVERBERATION

Audio Instrument Co. Inc. — [illegible] New York 11 — NY
Eversheed & Vignoles Ltd — [illegible] London W 4 — Eng
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9 — 1 River Rd. Schenectady 5 — NY
[illegible] 1[illegible] Stanley Ave. Dayton 4 — Ohio
Kollsman Instrument Corp Sub Standard Kollsman Ind Inc. — [illegible] 45th Ave. Elmhurst 73 — NY
[illegible] Cleveland [illegible] — Ohio
[illegible] 43 W 61 St. New York 23 — NY
Servo-Tek Products Co., Inc. — [illegible] Hawthorne — NJ
[illegible] Chicago 14 — Ill
Sun Electric Co. — 6[illegible] Avondale St. Chicago 31 — Ill

GENERATORS – SIGNAL

1. A-F
2. A-F, PUSHBUTTON-CONTROLLED
3. COLOR TV, BAR
4. COLOR TV, DOT
5. F-M
6. F-M, A-M
7. HARMONIC, MAGNETIC AMPLIFIER
8. HARMONIC, MICROWAVE
9. HARMONIC, R-F
10. MARKER
11. MICROWAVE
12. MICROWAVE, SWEEP
13. PICTURE SIGNAL
14. PULSE (IMPULSE)
15. RADAR
16. R-F
17. R-F, PUSHBUTTON CONTROLLED
18. R-F, SWEEP
19. R-F, WOBBULATED
20. SINGLE-SIDEBAND
21. SQUARE WAVE
22. SWEEP CALIBRATOR
23. TELEMETERING
24. TV, PICTURE SIGNAL
25. TV, SYNCHRONIZING
26. TV, VERTICAL INTERVAL TEST
27. UHF & VHF
28. UHF GLIDE SLOPE
29. VHF LOCALIZER
30. VHF OMNI-RANGE
31. WAVEFORM

A.R.F. Products Inc., 14	7527 Lake St. River Forest	Ill
Admiral Corp., 11-14-15	3800 W Cortland St. Chicago 47	Ill
Advance Components Ltd., 1-5-6-16-17-21-27-31	Roebuck Rd. Hainault, Ilford, Essex	Eng
Advanced Instrument Corp., 23	1475 Powell St. Emeryville 8	Cal
Advanced Measurement Instruments Inc., 5-16-23-27	109 Dover St. Somerville 44	Mass
AIRBORNE INSTRUMENTS LAB. DIV. CUTLER-HAMMER INC., 1-14-21-27, Adv Pg 151	**Comac Rd. Deer Park**	**NY**
Airmec Ltd., 1-6-16	High Wycombe, Buckinghamshire	Eng
AIRPAX ELECTRONICS INC. SEMINOLE DIV., 23, Adv Pg 106	**Fort Lauderdale**	**Fla**
Airtec Inc., 11	139 E First Ave. Roselle	NJ
Airtronics International Corp., 27	Box 8576, Fort Lauderdale	Fla
Alfred Electronics, 11-12	897 Commercial St. Palo Alto	Cal
Allied Radio Corp., 1-10-16-18	100 N Western Ave. Chicago 80	Ill
Alto Scientific Co., Inc., 14-21	855 Commercial St, Palo Alto	Cal
Amerac, Inc., 11-14-15	Dunham Rd, Beverly	Mass
AMERICAN ELECTRONIC LABS. INC., 14-21, Adv Pg 362	**121 N 7th St. Philadelphia 6**	**Pa**
APPLIED ELECTRONICS CORP. OF NJ, 23, Adv Pg 518	**22 Center St. Metuchen**	**NJ**
Applied Magnetics Corp., 14	Box 368, Goleta	Cal
Arnec Corp., 1	195 W Hills Rd. Huntington Sta	NY
Ascop Div of Electro-Mechanical Research, Inc., 23-31	Box 44, Princeton	NJ
Atronic Products, Inc., 18	1 Bala Ave, Bala-Cynwyd	Pa
AVNET INSTRUMENT CORP., 31, Adv Pgs 331, 364	**70 State St. Westbury**	**NY**
B & K Instruments Inc of Bruel & Kjaer, 1	3014 W 106th St. Cleveland 11	Ohio
B. & K. Mfg. Co., 3-4-13-16-24	1801 W Belle Plaine, Chicago 13	Ill
Babcock Electronics Corp., 5-16	1640 Monrovia Ave. Costa Mesa	Cal
Benrus Watch Co. Inc., 14-21	30 Cherry Ave. Waterbury	Conn
Bogue Electric Mfg. Co., 31	52 Iowa Ave, Paterson 3	NJ
BOONTON RADIO CORP., 5-6-16-18-23-27-28-29-30, Adv Pg 282	**50 Intervale Rd. Boonton**	**NJ**
Borg-Warner Controls, Div. Borg-Warner Corp., 6-12-16-18-27	3300 Newport Blvd. Santa Ana	Cal
Bruel & Kjaer, 1	Lindevelle 23, Naerum, Denmark	
Bruno-New York Industries Corp., 16	460 W 34th St. New York 1	NY
Burmac Electronics Co. Inc., 14	142 S Long Beach Rd. Rockville Center	NY
Burr-Brown Research Corp., 1-21	Box 6444, Tucson	Ariz
Burroughs Corp. Electronic Components Div., 14	Box 1226, Plainfield	NJ
Canadian Aviation Electronics Ltd., 14-16	Box [illegible], Montreal 9	P.Q.
Canadian Marconi Co., 1-5-6-9-11-14-16-18-19-21-27	244 Trenton Ave. Montreal	Que
Canoga Div., Underwood Corp., 19	15330 Oxnard St, Van Nuys	Cal
Capehart Corp., 8-9-11-12-16-17-27-30	87-46 123rd St. Richmond Hill 18	NY
Clegg Laboratories, 1-20-27	Rt. 53, Mt. Tabor	NJ
Clough Brengle Co., 1-16-18-27	6014 N. Broadway, Chicago	Ill
Continental Electronics Mfg Co. Sub Ling-Temco Electronics, Inc., 16	4212 S Buckner Blvd. Dallas 27	Tex
CONTROL ELECTRONICS CO. INC., 8-9-10-11-14-15-20, Adv Pg 444	**10 Stepar Pl. Huntington Sta**	**NY**
Control Equipment Corp., 14	19 Kearney Rd. Needham Heights 94	Mass
Crosby Teletronics Corp., 14-20	54 Kinkel St. Westbury	NY
Dage Div Thompson Ramo Wooldridge, Inc., 25	Michigan City	Ind
Dare, Inc., 27	P.O. Box 312, Troy	Ohio
Data-Control Systems, Inc., 5-14-23	E Liberty St. Danbury	Conn
Data Products Co, Inc., 14-23-31	7330 Westmore Rd, Rockville	Md
DAVEN CO., 1, Adv Pg 187	**Rt. 10, Livingston**	**NJ**
Dawe Instruments Ltd., 14	Harlequin Ave. Brentford, Middx	Eng
Dero Research & Dev. Corp., 5-6-18-22-23	Broadway & Park Ave. Huntington	NY
Digital Equipment Corp., 14	Maynard	Mass
Digitrols, Inc., 2	8 Industry Lane, Cockeysville	Md
Dynex Div. Dontjevic Eng. Co., 7-21	1931 N Damen, Chicago 47	Ill
Donner Scientific Co., 1-21	888 Galindo St. Concord	Cal
DORSETT ELECTRONICS, INC., 16-23, Adv Pg 299	**Box 862, Norman**	**Okla**
DOUGLAS MICROWAVE CO. INC., 8-11-15, Adv Pg 235	**252 E 3rd St. Mt Vernon**	**NY**
Dukane Corp., 14	St Charles	Ill
Dymec Div. Hewlett-Packard Co., 1-11-16-27	395 Page Mill Rd. Palo Alto	Cal
E-H Research Laboratories, Inc., 14	163 Adeline St. Oakland 7	Cal
EMI-Cossor Electronics Ltd., 16-27	Box 525 Dartmouth NS	Can
EMI/US Ltd., 11	1750 N Vine St. Los Angeles 28	Cal
EITEL-MCCULLOUGH INC., 11, Adv Pgs 57-60	**301 Industrial Way, San Carlos**	**Cal**
Elcor Inc., 31	1225 W Broad St. Falls Church	Va
Electro-Mechanical Research, Inc., 23-31	Box 3041, Sarasota	Fla
ELECTRONIC INSTRUMENT CO. INC., 1-16-18-21, Adv Pg 396	**3300 Northern Blvd. Long Island City**	**NY**
Electronic Measurements Corp., 1-4-16	625 Broadway, New York 12	NY
Elin Div. IERC, 1	135 W Magnolia Blvd. Burbank	Cal
EMPIRE DEVICES INC., 8-9-11-15-23-27, Adv Pg 132	**Amsterdam**	**NY**
Engineered Magnetics Div., Gulton, 21	13041 Cerise Ave, Hawthorne	Cal
Engineering Associates, 11-27	434 Patterson Rd. Dayton 19	Ohio
Exact Electronics, Inc., 14-21-31	Box 234, Hillsboro	Ore
FXR, INC., 8-11-12-15-18-31, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Ferris Instrument Co., 5-6-16-20	110 Cornelia St, Boonton	NJ
Fork Standards Inc., 1-21-23	1915 N Harlem Ave. Chicago 35	Ill
Foto-Video Electronics Inc., 3-4-15-24-25-26	36 Commerce Rd. Cedar Grove	NJ
Frequency Standards Div. Harvard Industries Inc., 8-11-15-23	Box 504, Asbury Park	NJ
FRONTIER ELECTRONICS CO., 1, Adv Pg 193	**4606 Memphis Ave. Cleveland 9**	**Ohio**
Gates Radio Co., 6	123 Hampshire St. Quincy	Ill
General Aniline & Film Corp., Ansco Div., 8	Vestal Pkwy E., Binghamton	NY
GENERAL APPLIED SCIENCE LABS. INC., 14-21, Adv Pg 525	**Merrick & Stewart Aves. Westbury**	**NY**
General Communication Co., 11-15-16-30	677 Beacon St, Boston 15	Mass
GENERAL DEVICES INC., 23, Adv Pg 518	**Box 253, Princeton**	**NJ**
General Microwave Corp., 8-9-11-15	47 Gazza Blvd. Farmingdale	NY
General Radio Co., 1-2-10-11-14-16-18-21-27	West Concord	Mass
Gertsch Products, Inc., 8-9	3211 S. La Cienega, Los Angeles 16	Cal
Gilfillan Bros. Inc., 11-13-14-15	1815 Venice Blvd. Los Angeles 6	Cal
Gombos Co. Inc. John, 8-11	Webro Rd. Clifton	NJ
Gramercy Industries, Electronics's Div., 1-16-23	Mechanicsburg	Pa
Gytex Corp., 1	3001 Pennsylvania Ave, Santa Monica	Cal
Hallamore Electronics Div. Siegler Corp., 23	714 N Brookhurst Ave. Anaheim	Cal
Hammer Electronics Co. Inc., 14	Box 531, Princeton	NJ
Hathaway Instruments Inc., 1-21	5802 E Jewell Ave. Denver 22	Colo
HAYDON CO., A. W., 14-21, Adv Pgs 302, 303	**4938 Inca Blvd. Culver City**	**Cal**
Heath Co. A Sub of Daystrom, Inc., 1-3-4-9-16-18-21-27	Benton Harbor	Mich
HEWLETT-PACKARD CO., 1-8-11-12-16-18-21-27-31, Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
Hickok Electrical Instrument Co., 1-2-3-4-5-6-7-9-10-13-14-16-17-18-21-22-24-27-31	10532 Dupont Ave. Cleveland 8	Ohio
HILL ELECTRONICS INC., 21, Adv Pg 304	**300 N Chestnut St. Mechanicsburg**	**Pa**
Houston Fearless Corp., 31	9117 Wilshire Blvd. Beverly Hills	Cal
ITT Federal Labs Div. ITT Corp., 28-29-30	500 Washington Ave. Nutley	NJ
Iconix Incorporated, 14	945 Industrial Ave. Palo Alto	Cal
INDUSTRIAL TEST EQUIPMENT CO., 1-2, Adv Pg 422	**55 E 11th St. New York 3**	**NY**
Instrument Corp of America, 14	516 Glenwood Ave. Baltimore 12	Md
Instrument Corp. of Florida, 14	Box 1226, Melbourne	Fla
Instrument Laboratories, 1	315 W Walton Pl. Chicago 10	Ill
INTERELECTRONICS CORP., 31, Adv Pg 521	**2432 Grand Concourse, New York 58**	**NY**
International Crystal Mfg Co., 16	18 N Lee St. Oklahoma City	Okla
International Research Associates, 1	2221 Warwick Ave, Santa Monica	Cal
Jackson Electrical Instrument Co., 1-2-10-18-21	124 McDonough St. Dayton 2	Ohio
Jerrold Electronics Corp., 11-16-18-19-22	15th & Lehigh, Philadelphia 32	Pa
KAY ELECTRIC CO., 1-5-6-9-10-11-12-14-16-18-19-27 Adv Pg 347, 348	**Maple Ave. Pine Brook**	**NJ**
Kearfott Div. Gen. Precision Inc. Microwave Prods., 8-11-15	14844 Oxnard St. Van Nuys	Cal
Krohn-Hite Corp., 1-2	580 Massachusetts Ave. Cambridge 39	Mass
Kurstar Electronics, 16-17-18-21-22	702 Bay St. Staten Island	NY
Laboratory For Electronics, Inc., 8-11-14	1079 Commonwealth Ave. Boston 15	Mass
LAMPKIN LABORATORIES, INC., 9-16-27 Adv Pg 485	**Bradenton 1**	**Fla**
Land-Air, Inc., 1-16-18-23-27-28	7444 W. Wilson Ave, Chicago 31	Ill
LAVOIE LABORATORIES INC., 14, Adv Pg 312	**Morganville**	**NJ**
LUMATRON ELECTRONICS, INC., 14-21 Adv Pg 502	**116 County Cthse Rd. New Hyde Park**	**NY**
Marr-Russell Electronics, Inc., 16	1401 Thorne Rd. Tacoma 2	Wash
Manufacturers Engineering & Eqpt Corp., 22	York & Sunset Ln. Hatboro	Pa
MARCONI INSTRUMENTS, 1-5-6-9-14-16-21-22 Adv Pgs 401, 402	**111 Cedar Ln. Englewood**	**NJ**
Marconi's Wireless Telegraph Co. Ltd., 3-20-22-25	750 3rd Ave. New York 17	NY
Measurements A McGraw-Edison Div 5-14-16-21-27	Boonton	NJ
Medistor Instrument Co., 1-21	1443 Northlake Way, Seattle	Wash
Med-Tronics Mfg. Co. Inc., 14	2019 Westchester Ave. New York 62	NY
MENLO PARK ENGINEERING, 12, Adv Pg 413	**711 Hamilton Ave. Menlo Park**	**Cal**
Micro-Now Instrument Co., 8	6340 N Tripp Ave. Chicago 46	Ill
Micrulat, Inc., 23-27	220 Pasadena Ave. South Pasadena	Cal
Microphase Corp., 8-9-11	River Rd. Cos Cob	Conn
Microwave Development Labs. Inc., 21	15 Strathmore Rd. Natick	Mass
Microwave Dynamics Corp., 8-9-11-12	5 Fairchild Ct. Plainview	NY
Mini-Rad, Inc., 1-10-14-15-16-21	7416-E Varna Ave, N. Hollywood	Cal
MODEL ENG. & MFG. CORP., 14-20, Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Moore Associates, Inc., 23	893 American St. San Carlos	Cal
Morrow Radio Mfg. Co., 16	2794 Market St, Salem	Ore
Muirhead & Co., Ltd., 1-21	Beckenham, Kent, England	
NASH & HARRISON LTD., 14 Adv Pg 526	**1355 Wellington St. Ottawa**	**Ont**
NAVIGATION COMPUTER CORP., 14, Adv Pg 511	**Valley Forge Ind Park, Norristown**	**Pa**
Network Designers Inc., 14	38 E 57th St. New York 22	NY
New London Instrument Co., 1-4-5-6-7-9-16-18-21-23-27	82 Union St. New London	Conn
Northeast Scientific Corp., 11	30 Nutterbee St. Acton	Mass
NORTHERN RADIO CO. INC., 21, Adv Pgs 137-139	**143-145 W 22nd St. New York 11**	**NY**
Nuclear Electronics Corp., 5-16-27	2925 N Broad St. Philadelphia 32	Pa
OKI ELECTRIC INDUSTRY CO. LTD., 5-6-11, Adv Pg 257	**10 Shiba Takahama-cho Minato-ku, Tokyo**	**Jap**
OMEGA LABORATORIES INC., 8, Adv Pg 226	**Box 309, Rowley**	**Mass**
Orbitran Co., Inc., 10-14	11407 Woodside Ave, Lakeside	Cal
Orion Electronic Corp., 1-15-18-21-27	100 Columbus Ave. Tuckahoe	NY
Ortronix, Inc., 11-14	Forsythe Rd. Dr. 8217, Orlando	Fla
Pacific Transducer Corp., 18	11836 W Pico Blvd. Los Angeles 64	Cal
PANORAMIC ELECTRONICS, INC., 1-2-10-19-22 Adv Pg 449	**520 S Fulton Ave. Mt Vernon**	**NY**
Paradyne Div., Houston-Fearless Corp., 14-21-31	12822 Yukon Ave. Hawthorne	Cal
Parsons Co., Ralph M. Electronics Div., 23	151 S DeLacey Ave. Pasadena	Cal
Penn Keystone Corp., 14	Box 330, Darby	Conn
Philco Corp. Govt & Ind Div., 6-11-13-14-15-16-20-23-24-27-31	4700 Wissahickon Ave. Phila 44	Pa
Phillips Electronics Mfg Co., 21	119 Allen Blvd. Farmingdale	NY
Pitometer Log Corp., 11-15	237 Lafayette St, New York 12	NY
Planetronics, Inc., 5-10-11-16	Easton	Pa
POLARAD ELECTRONICS CORP., 11-12-14-15-16-27, Adv Pg 269-272	**43-20 34 St. Long Island City 1**	**NY**
Precision Apparatus Co., Inc., 1-3-4-16-18-21	70-31 84 St, Glendale 27	NY
Pye Telecommunications, Ltd., 15	Newmarket Rd. Cambridge	Eng
R.L.C. Electronics, Inc., 11	305 Mamaroneck Ave. Mamaroneck	NY
R S ELECTRONICS CORP., 5-10-15-16-23-27, Adv Pg 305	**Box 11368, Sta A, Palo Alto**	**Cal**
Radiation Inc., 16	Melbourne	Fla
Radio Corp of America, Electron Tube Div., 1-3-4-5-6-10-16-18-21-22	415 S 5th St. Harrison	NJ
Radiometer, 1-5-6-16-18-19-21-27	72 Emdrupvej, Copenhagen NV 1	For
Radionics, Inc., 10-16-31	76 Cambridge St, Burlington	Mass
Ramage & Miller Inc., 11-12-16-18-27	150 S 2nd St. Richmond	Cal
Rank Cintel Ltd., 14-21-22	Worsley Bridge Rd, London S.E. 25, England	
RAYTHEON CO. COMMER APPAR & SYSTEMS DIV., 11, Adv Pg 41	**225 Crescent St. Waltham 54**	**Mass**
RAYTHEON CO. SPEC MICROWAVE DEV OPER., 20, Adv Pgs 38, 39	**Waltham Industrial Park, Waltham 54**	**Mass**
Remanco Inc., 11-12-14-15-16-18	1805 Colorado, Santa Monica	Cal
Rese Engineering Corp., 14	A & Courtland Sts. Phila 20	Pa
RIBET DESJARDINS, 1-14-15-16-19-20-21, Adv Pgs 229-232	**13-17 Rue Perier, Montrouge Seine**	**Fr**
ROHDE & SCHWARZ, USA INC., 1-5-6-16-18-27, Adv Pg 403	**Box 275, Passaic**	**NJ**
Rutherford Electronics Co., 14	8944 Lindblade St, Culver City	Cal
Ryan Electronics Div Ryan Aero Co, 11-12-15-23	5650 Kearny Mesa Rd. San Diego 12	Cal
Sargent & Greenleaf Inc., 1-2	24 Seneca Ave. Rochester	NY
Sarkes Tarzian Inc. Broadcast Eqpt Div., 25	E Hillside Dr. Bloomington	Ind
Schober-Organ Corp., 1	43 W 61 St. New York 23	NY
Scopes Co., Inc., 1-16	P.O. Box 56, Monsey	NY
SERVO CORP OF AMERICA, 14, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Servomex Controls Ltd., 14-21-31	Crowborough, Sussex	Eng
SHIMADA PHYSICAL & CHEMICAL INDUSTRIAL CO., 11-12 Adv Pg 258	**415 Shibazakicho.chofu-city, Tokyo**	**Jap**
SIERRA ELECTRONIC CORP., 5-11-30 Adv Pgs 128, 129	**3885 Bohannon Dr. Menlo Park**	**Cal**
Simpson Electric Co. Div. American Gage & Machine Co., 3-4-6-14	5218 W Kinzie St. Chicago 44	Ill
Solatron, Inc., 1-21-31	1742 S. Zeyn St. Anaheim	Cal
SOLID STATE ELECTRONICS CO., 1-23, Adv Pg 238	**Dept E, 15321 Rayen St. Sepulveda**	**Cal**
Space Electronics Corp., 15-20-23-27	930 Air Way, Glendale 1	Cal
Specialty Electronics Development Corp., 1-11-16	115 Eileen Way, Syosset	NY
SPENCER-KENNEDY LABS. INC., 14, Adv Pg 495	**1318 Soldiers Field Rd. Boston 35**	**Mass**
Sperry Microwave Electronics Co., 8-11-12-14-15-18-31	Box 1828, Clearwater	Fla
Standard Electronics Div Reeves Instrument Corp., 5-25-29-30	Lakewood Rd. Farmingdale	NJ
Stark Electronic Instruments Ltd., 3-4-10-12-13-21-22	Box 670, Ajax	Ont
Strand Labs. Inc., 11	254 Centre St. Newton	Mass
Straza Industries, 14	790 Greenfield Dr. El Cajon	Cal
Systems Inc., 1-5-6-31	2400 Diversified Way, Orlando	Fla
Taffet Electronics Inc., 1-2-16-17-18-19-27	2705 Sylvan Exp W, Woodside 77	NY
Tarc Electronics Div. Gotham Bdcstg Corp., 25-26	43 Urban Ave. Westbury	NY
TECHNICAL MATERIEL CORP., 20, Adv Pg 346	**700 Fenimore Rd. Mamaroneck**	**NY**
Tektronix Inc., 14-21-31	Box 500, Beaverton	Ore
Telechrome Mfg Corp., 25	28 Dixon Ave. Amityville	NY
Telectro Industries Corp., 1-17-29-30	35-16 – 37th St. Long Island City 1	NY
Telemetrics, Inc., 14-23	12927 S Budlong, Gardena	Cal
TELERAD DIV. LIONEL CORP., 8-9-11-14, Adv Pgs 220, 221	**Rt 69, Flemington**	**NJ**
Television Utilities Corp., Div of Nems, 24-25	300 Denton Ave. New Hyde Park	NY
Tel-Instrument Electronics Corp., 3-4-13-16-17-18-19-24-25-27	728 Garden St. Carlstadt	NJ
TELONIC ENGINEERING CORP., 9-10-12-16-18-19-27, Adv Pg 61	**733 Broadway, Laguna Beach**	**Cal**
TELONIC INDUSTRIES INC., 1-5-6-12-18-23-27, Adv Pg 61	**60 N 1st Ave. Beech Grove**	**Ind**
Teltronics Inc., 18-22	277 Main St. Nashua	NH
Tensor Electric Development Co. Inc., 31	1873 Eastern Pkwy. Brooklyn	NY
Texas Instruments Incorporated, Apparatus Div. Ind Prods Gr., 14	3609 Buffalo Spdwy. Houston 6	Tex
Tepp Industries, Inc., 9-16-21-27	5721 W 102 St, Los Angeles 45	Cal
Trak Electronics Co. Inc., 8-11	49 Danbury Rd. Wilton	Conn
Trak Microwave Corp., 8-9-23-27	5006 N Coolidge Ave. Tampa 3	Fla
TRANSISTOR SPECIALTIES, 14-21, Adv Pg 325	**Terminal Dr. Plainview**	**NY**
Triplett Electrical Instrument Co., 1-3-4-5-6-10-24	Harmon Rd. Bluffton	Ohio
United Shoe Machinery Corp., 8-11-23	140 Federal St. Boston	Mass
Valor Instruments, Inc., 14	13214 Crenshaw Blvd, Gardena	Cal
Vernistat Div. Perkin-Elmer Corp., 31	769 Main Ave. Norwalk	Conn
Unikirt Co., 14-21	141 W Hazel St, Inglewood	Cal
Waltham Electronics Corp., 1-4-5-6-7-9-16-18-21-23-27	751 Main St. Waltham 54	Mass
Wang Laboratories, Inc., 14-21	12 Huron Dr. Natick	Mass
Warren Mfg. Co., Inc., 21-23	Newtown Rd, Littleton	Mass
Wavetronics, Inc., 1-21	333 6th Ave, New York 14	NY
Wayne Kerr Corp., 1-11-16	1633 Race St. Philadelphia 3	Pa
WEINSCHEL ENGINEERING CO., INC., 11-16-21 Adv. Pgs. 51-54, 55	**10503 Metropolitan Ave. Kensington**	**Md**
Westinghouse-Instrument Dept., 14-23	Newark	NJ
Unitron Co., 14-20	717 Loma Verde Ave. Palo Alto	Cal

GENERATORS – *ULTRASONIC* See ULTRASONIC EQUIPMENT

GEOPHYSICAL APPARATUS

ACF Electronics Div	Riverdale	Md
Aerola Corp	186 Massachusetts Ave. Cambridge 39	Mass
ASSOCIATED RESEARCH, INC., Adv Pg 218	**3788 W Belmont Ave. Chicago 18**	**Ill**
Canadian Research Institute	85 Curlew Dr. Don Mills	Ont
Dresser Electronics SIE Div	10201 Westheimer Rd. Houston 42	Tex
Electrodynamic Instrument Corp	1841 Old Spanish Trail, Houston 25	Tex
Exact Electronics, Inc	Box 234, Hillsboro	Ore
Geophysical Instrument Co	315 Tenth St. [illegible]	Va
Geotechnical Corp	3401 Shiloh Rd, Garland	Tex
Geotronic Labs., Inc	1314 Cedar Hill Ave, Dallas 8	Tex
Industrial Control Co	Central Ave. at Pinelawn, Farmingdale	NY
Kahl Scientific Instrument Corp	737 W Main St. El Cajon	Cal
Keithley Instruments, Inc	12415 Euclid Ave. Cleveland 6	Ohio
Kelk Ltd., George	5 Lesmill Rd. Don Mills	Ont
Leupold & Stevens Instruments Inc	4445 NE Glisan St. Portland	Ore
Spectra Electronics Co	[illegible] E. 3rd St. Mt. Vernon	NY
Summers & Mills, Inc	[illegible] Commerce, Dallas 8	Tex

Texas Instruments Incorporated, Apparatus Div. Ind Prods Gr ... 3609 Buffalo Spdwy, Houston 6 ... Tex
United ElectroDynamics Inc ... 200 Allendale Rd, Pasadena ... Cal

GERMANIUM
1. FINISHED PARTS (EXCEPT SEMICONDUCTOR DEVICES) 2. RAW MATERIAL (NOT CRYSTAL)

Accurate Specialties Co. Inc., 1-2 ... 345 Lodi St, Hackensack ... NJ
Allegheny Electronic Chemicals Co., 1 ... 207 Hooker-Fulton Bldg, Bradford ... Pa
Allied Chemical Corp., Baker & Adamson Prods-Gen Chem Div., 2 ... 40 Rector St, New York ... NY
Alloys Unlimited Inc., 2 ... 21-01 43rd Ave, Long Island City 1 ... NY
American Smelting & Refining Co., 2 ... 120 Broadway, New York 5 ... NY
Bausch & Lomb Inc., 1 ... 61462 Bausch St, Rochester 2 ... NY
Belmont Smelting & Refining Works, 2 ... 330 Belmont Ave, Brooklyn 7 ... NY
Bram Metallurgical Chemical Co., 2 ... 400 65 Ave, Philadelphia 26 ... Pa
Eagle-Picher Co., 1-2 ... Dept. EGR, Cincinnati 1 ... Ohio
Geoscience Instrument, Inc., 1 ... 110 Beekman Lane, New York 38 ... NY
Harner Lichtenstein & Co., 2 ... 25 Broadway, New York 4 ... NY
Krapac Electro-Physics, Inc., 1 ... 936 Industrial Ave, Palo Alto ... Cal
A.D. Mackay, Inc., 2 ... 198 Broadway, New York 38 ... NY
MERCK & CO. INC. ELECTRONIC CHEMICAL DIV., 1-2, Adv Pg 119 ... **Rahway** ... NJ
Penn Rare Metals, Inc., 2 ... P.O. Box 1A, Revere ... Pa
Republic Lens Co. Inc., 1 ... 31 E 169th St, New York 52 ... NY
Semi-Alloys Inc., 1-2 ... 20 McQuesten Pkwy. N, Mt. Vernon ... NY
SEMI-ELEMENTS INC., 2, Adv Pg 524 ... **Saxonburg Blvd. Saxonburg** ... Pa
Semimetals Inc., 1-2 ... 172 Spruce St, Westbury ... NY
SERVO CORP OF AMERICA, 1, Adv Pg 314 ... **111 New South Rd. Hicksville** ... NY
Sylvania Elec Prods Inc, Sylvan Div., 1-2 ... 208-20 Willets Point Blvd, Bayside ... NY
Tonj Industries Inc., 1-2 ... 400 Main St, Waltham 54 ... Mass
United Mineral & Chemical Corp., 2 ... 16 Hudson St, New York 13 ... NY
Valpey Crystal Corp., 1 ... 1244 Highland St, Holliston ... Mass
Var-Lac-Oid Chemical Co., 2 ... 106 Broad St, New York 4 ... NY

GERMANIUM CRYSTALS See CRYSTALS -*SEMICONDUCTOR*
GERMANIUM DIODES See DIODES
GERMANIUM RECTIFIERS See RECTIFIERS
GERMANIUM TRANSISTORS See TRANSISTORS
GETTERS See TUBE PARTS

GLASS
1. FILM 5. RODS
2. FINISHED PARTS 6. SHEETS
3. FINISHED PARTS, PRECISION 7. SHEETS, LAMINATED
4. METALLIZED 8. SOLDER GLASS
TUBING See TUBING -*NONMETALLIC* See Also BEARINGS: FABRIC PARTS

Accurate Specialties Co. Inc., 4-8 ... 345 Lodi St, Hackensack ... NJ
Allen-Jones, Inc., 7-4 ... 1345 Gaylord Ave, Long Beach ... Cal
Bache & Co., Semon, 2-3-5-6 ... 636 Greenwich St, New York 14 ... NY
Bausch & Lomb Inc., 2-3-4 ... 61462 Bausch St, Rochester 2 ... NY
Bomyte Co., The, 7 ... Green St, Silverdale ... Pa
CARBORUNDUM CO. REFRACTORIES DIV., 4, Adv Pgs 184, 185 ... **Perth Amboy** ... NJ
Carvill Technical Ceramics Inc., 4 ... 801-23rd St, Union City ... NJ
Ceramics Inc., Chemists, 4 ... 173 Ridge St, Newark 4 ... NJ
Chicago Dial Co., 2-3-6-7 ... 1335 N Branch St, Chicago ... Ill
Corning Glass Works, Corning Electronic Components, 4 ... 550 High St, Bradford ... Pa
Cracine, Inc., 2-3 ... 6247 Howard St, Chicago 48 ... Ill
Culbertson Products, Inc., 4 ... 25 Sanborn Ave, Madison ... NJ
Dean Plastics Inc., 2-3 ... 110 Herbert Ave, Closter ... NJ
Electron Technology Inc., 2-3-4 ... 626 Schuyler Ave, Kearny ... NJ
Emess Plastics Corp., 1 ... 19 Vine St, Everett ... Mass
Film Resistors Inc., 1-4 ... 242 Ridgedale Ave, Morristown ... NJ
Flint-Schuman Corp., 2-3 ... 70 Portman Rd, New Rochelle ... NY
Green Rectifier Co., 4 ... 1-10 30th St, Fair Lawn ... NJ
Handbal Glass Inc., 2-3 ... 3025 S Kilson Dr, Santa Ana ... Cal
Hartwood Glass & Metals, Co., 1 ... P.O. Box 865, Martinsburg ... W. Va
Heubner & Son, C.A., 3-4-6-7 ... 6040 Belfield Ave, Philadelphia 44 ... Pa
Hermetite Corp., 1 ... 200 Ladge Dr, Avon ... Mass
Insulation Manufacturers Corp., 7 ... 565 W Washington Blvd, Chicago 6 ... Ill
JFD ELECTRONICS CORP., 2-3-4-5, Adv Pgs 405, 407 ... **6101 16th Ave. Brooklyn 4** ... NY
Kimble Glass Sub. Owens-Illinois, 2-3-4-5-8 ... Box 1035, Toledo 1 ... Ohio
Laboratory Equipment Corp., 3 ... Lakeview & Hilltop Rd, St Joseph ... Mich
Lancaster Glass Corp., 2 ... Lancaster 20 ... Ohio
A.D. Mackay, Inc., 1-5 ... 198 Broadway, New York 38 ... NY
Metavac, Inc., 4 ... 45-68 162 St, Flushing 58 ... NY
Molecular Electronics Co., 4 ... 71 Monroe St, Garfield ... NJ
Owens-Illinois Glass Co., 2-3-4-5 ... P.O. Box 1035, Toledo 1 ... Ohio
Pacific Universal Products Corp., 2-3-4 ... 300 Vista Ave, Pasadena 8 ... Cal
PEK Labs., 2-3 ... 4024 Transport St, Palo Alto ... Cal
Pemco Corp., 1-8 ... Eastern Ave, Baltimore ... Md
Poly-Rite, Inc., 4 ... 82 Chestnut St, North Attleboro ... Mass
Republic Lens Co. Inc., 2-3 ... 31 E 169th St, New York 52 ... NY
SERVO CORP OF AMERICA, 2-3-6-7, Adv Pg 314 ... **111 New South Rd. Hicksville** ... NY
Thomas Electronics, Inc., 2 ... 118 Ninth St, Passaic ... NJ
Tipper Mfg Co. Inc., 1 ... 84-56 Parsons Blvd, Jamaica 32 ... NY
United Products Co., 4 ... 166 Franklin Ave, Nutley 10 ... NJ
U S Precision Lens & Plastics Inc., 2-3 ... 635 Broadway, Cincinnati 2 ... Ohio
Vacuum Technology Inc., 4 ... 7583 Gloria Ave, Van Nuys ... Cal
Valpey Crystal Corp., 2-3 ... 1244 Highland St, Holliston ... Mass
Van Waters & Rogers Inc, Braun-Knecht-Heimann Div., 2 ... 601 O'Neil Ave, Belmont ... Cal
Westinghouse-Micarta Div., 5-6-7 ... Hampton ... SC
Wilmad Glass Co. Inc., 2-3-4-5-6 ... Rte 40 & Oak Rd, Buena ... NJ
Zenith Optical Lab., 3-4 ... 1940 Great Neck Rd, Copiague ... NY

GLASS ANNEALERS See OVENS
GLASS-BLOWING MACHINES See MACHINES -*GLASS-BLOWING*
GLASS-BONDED MICA See MICA
GLASS-INSULATED WIRE See WIRE -*HIGH-TEMPERATURE*
GLASS-METAL SEALS See SEALS -*METAL-TO-GLASS*
GLASS PARTS -*PRECISION* See GLASS
GLASS-REINFORCED LAMINATES See LAMINATES -*COPPER-CLAD*
GLASS-SEALING WIRE See WIRE -*BARE*
GLASS-WORKING MACHINES See MACHINES -*GLASS-WORKING*
GLOW LAMPS See LAMPS

GLOW TUBES See TUBES -*GLOW*

GOLD & GOLD ALLOYS -*SHEETS, BARS & RODS*
Accurate Specialties Co. Inc. ... 345 Lodi St, Hackensack ... NJ
Alloys Unlimited, Inc ... 21-01 43rd Ave, Long Island City 1 ... NY
American Silver Co., Inc ... 36-07 Prince St, Flushing 54 ... NY
Bishop & Co., J., Platinum Works ... Malvern ... Pa
Bramin Corp., C. S ... 322 Washington St, Mt. Vernon ... NY
Bram Metallurgical Chemical Co ... 400 65 Ave, Philadelphia 26 ... Pa
COHN CORP., SIGMUND, Adv Pg 519 ... **121 S Columbus Ave. Mt. Vernon** ... NY
Community Industrial Metals, Inc ... 235 Georgia Ave, Providence 5 ... RI
CONSOLIDATED REACTIVE METALS INC., Adv Pg 551 ... **116 Hoyt St. Mamaroneck** ... NY
Cooper & Sons Inc., Joseph B ... 180 Varick St, New York 14 ... NY
Eastern Smelting & Refining Corp ... 107-109 W Brookline St, Boston 18 ... Mass
GIBSON ELECTRIC CO., Adv Pg 462 ... **Box 535, Delmont** ... Pa
HANDY & HARMAN, Adv Pg 213 ... **850 3rd Ave. New York 22** ... NY
Improved Seamless Wire Co ... 775 Eddy St, Providence 5 ... RI
Johnson Matthey & Mallory Ltd ... 110 Industry St, Toronto, Ontario, Canada
LEACH & GARNER CO. INDUSTRIAL DIV., Adv Pgs 538, 539 ... **55 School St. Attleboro** ... Mass
A.D. Mackay, Inc ... 198 Broadway, New York 38 ... NY
NATIONAL LEAD CO., Adv Pg 557 ... **111 Broadway, New York 6** ... NY
NEY CO., J. M., Adv Pg 467 ... **Maplewood Ave. Bloomfield** ... Conn
SECON METALS CORP., Adv Pg 412 ... **7 Intervale St. White Plains** ... NY
Sel-Rex Corp ... 75 River Rd, Nutley 10 ... NJ
Semi-Alloys Inc ... 20 McQuesten Pkwy. N, Mt. Vernon ... NY
Technic Inc ... P.O. Box 965, Providence 1 ... RI
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., Adv Pg 81 ... **34 Forest St. Attleboro** ... Mass
Tracon Mfg Co ... 4033 S Wallace St, Chicago 20 ... Ill
Var-Lac-Oid Chemical Co ... 116 Broad St, New York 4 ... NY
Wildberg Bros. Smelting & Refining Co ... 349 Butler Ave, S San Francisco ... Cal
WILKINSON CO., Adv Pg 180 ... **1660 9th St. Santa Monica** ... Cal

GOLD-PLATING See PLATING -*PRECIOUS-METAL*
GOLD PREFORMS See PREFORMS
GOLD TUBING See TUBING -*METALLIC*
GOLD WIRE See WIRE -*BARE*

GONIOMETERS
ELECTRO-MEC DIV. WALTHAM PREC INSTR CO. INC., Adv Pg 362 ... **47-51 33rd St. Long Island City 1** ... NY
KEARFOTT DIV. GEN PRECISION INC., Adv Pg 394 ... **Little Falls** ... NJ
Theta Instrument Corp ... 520 Victor St, Saddle Brook ... NJ

GOVERNORS -*MOTOR* See CONTROLS -*MOTOR SPEED*
GRAPHIC RECORDERS See RECORDERS -*GRAPHIC*

GRAPHITE
1. COLLOIDAL 3. PARTS
2. HIGH-PURITY

Acheson Colloids Co., 1 ... 1950 Washington Ave, Port Huron ... Mich
Allen-Jones, Inc., 3 ... 1345 Gaylord Ave, Long Beach ... Cal
Becker Brothers Carbon Co., 2-3 ... 3450 Laramie Ave, Cicero 50 ... Ill
Dynamic Products, Inc., 3 ... 478 Commercial Ave, Palisades Park ... NJ
Engineering Science Div Amer Metal Prods Co., 2-3 ... 2930 S State St, Ann Arbor ... Mich
Grafo Colloids Corp., 1 ... Box 195, Sharon ... Pa
High Temperature Materials, Inc., 2-3 ... 31 Antwerp St, Brighton 35 ... Mass
Huron Industries, 1 ... Box 104, Port Huron ... Mich
A.D. Mackay, Inc., 1-2-3 ... 198 Broadway, New York 38 ... NY
Ohio Carbon Co., 3 ... 12508 Berea Rd, Cleveland 11 ... Ohio
Pettinos Graphite Corp., Charles, 2 ... 1 E 42 St, New York 17 ... NY
Pure Carbon Co., 3 ... Wellsville St, St. Marys ... Pa
St Marys Carbon Co., 3 ... State Rd, St Marys ... Pa
Stackpole Carbon Co., 3 ... 201 Stackpole St, St Marys ... Pa
Tipper Mfg Co. Inc., 3 ... 84-56 Parsons Blvd, Jamaica 32 ... NY
United Carbon Products Co., 2-3 ... 1300 N Madison St, Bay City ... Mich
U. S. Graphite Co. Div. Wickes Corp., The, 2 ... Saginaw 32 ... Mich

GRAPHITE BRUSHES See BRUSHES
GREASES -*LUBRICATING* See LUBRICANTS: SILICONES
GRID CLIPS See CLIPS -*GRID*
GRID-DIP METERS See METERS -*FREQUENCY*
GRIDS & GRID SUPPORTS See TUBE PARTS
GRID WINDERS See MACHINES -*GRID-WINDING*
GRID WIRE See WIRE -*BARE*
GRILLE CLOTH See FABRICS

GRILLES
1. METAL 2. MOLDED PLASTIC 3. SPEAKER

Almac Plastics Inc., 2 ... 600 Broadway, New York 12 ... NY
Baltic Metal Products Co., 1 ... 126 Sutton St, Brooklyn 22 ... NY
Bostonali Products Co., Inc., 3 ... 626 Broadway, New York ... NY
Brenton Molding Co., 2 ... Brenton ... NY
Brilhart Plastics Corp., 2 ... Old Country Rd, Mineola ... NY
Chicopee Mills Inc., Lumite Div., 3 ... 47 Worth St, New York 13 ... NY
Chromtec, Inc., 3 ... 4247 Howard St, Chicago 48 ... Ill
Cutler Metal Products Co., 1-3 ... 1035 Line St, Camden ... NJ
Dimiston Manufacturing Corp., 1 ... Jamestown ... NY
Dukane Corp., 3 ... St Charles ... Ill
Electro-Products Inc., 1-3 ... 19250 Schaefer Hwy, Detroit 27 ... Mich
Electro-Rack, Inc., 1 ... 11901 Jefferson Blvd, Culver City ... Cal
Emeloid Co. Inc., 2 ... 1239 Central Ave, Hillside 5 ... NJ
Essex Electronics Corp., 1-3 ... 305 N Frontier St, Naperville ... Ill
Eugene Engineering Co. Inc ... 1217 Hyde Park Ave, Hyde Park 36 ... Mass
Frock Process Co., Inc., 1-3 ... 373 Main Ave, Norwalk ... Conn
Frontier Industries, 2-3 ... 2800 Ontario Ave, Dayton 14 ... Ohio
G-C Electronics Co., 3 ... 400 S Wyman St, Rockford ... Ill
Green Rectifier Co., 1 ... 1-10 30th St, Fair Lawn ... NJ
Hammond Mfg Co. Ltd., 1-3 ... Guelph ... Ont
Haveg Industries Inc., 2 ... 900 Greenbank Rd, Wilmington 8 ... Del
Ludlow-Saylor Wire Cloth Co., 1 ... 640 S Newstead Ave, St. Louis ... Mo
MUNDT & SONS, CHARLES, 1-3 Adv Pg 56 ... **53 Fairmount Ave Jersey City 4** ... NJ
Newark Wire Cloth Co., 1 ... 351 Verona Ave, Newark ... NJ
Newcastle Fabrics Corp., 1 ... 80 Wythe Ave, Brooklyn 11 ... NY
Parkway Specialties Co., 1-3 ... 22565 Plymouth Rd, Detroit 39 ... Mich
Pearce Simpson, Inc., 1-2 ... 2295 NW 14th St, Miami 35 ... Fla

PREMIER METAL PRODUCTS CO., 1-3 Adv Pg 314 ... **337 Manida St. Bronx 59** ... NY
Regis Insulated Wire Co., 1-2-3 ... 600 Monroe St, Hoboken ... NJ
Roman Plastics Inc., 2 ... 1311 E Main St, St. Charles ... Ill
Ross Co., Milton, 2 ... 235 Jacksonville Rd, Hatboro ... Pa
Sierra Electric Corp., 2 ... 15000 S. Figueroa St, Gardena ... Cal
Swenson Co., Inc., V.H., 2-3 ... 552 Elm St, Kearny ... NJ
Utah Electronics Corp ... 1124 E Franklin St, Huntington ... Ind
Welsh Co. Inc., W. H., 3 ... 224 [illegible] Ave, Chicago ... Ill

GROMMETS
1. FIBER 2. METAL 3. PLASTIC 4. RUBBER

Ace Plastic Co., 3 ... 91-54 Van Wyck Expwy, Jamaica 35 ... NY
Aero Bolt & Screw Co., 3-4 ... 3027 Arbor Vitae, Inglewood ... Cal
Allegheny Plastics Inc., 3 ... 10 Thorn Run Rd, Coraopolis ... Pa
Almac Plastics Inc., 3 ... 600 Broadway, New York 12 ... NY
Amaton Electronic Hardware Co., Inc., 2-3-4 ... 88 Drake Ave, New Rochelle ... NY
Anaconda American Brass Co., 2 ... 414 Meadow St, Waterbury 20 ... Conn
Atlantic India Rubber Works, Inc., 4 ... 571 W. Polk St, Chicago 7 ... Ill
Baer Co., N.S., 1-3 ... 9 Montgomery St, Hillside ... NJ
Bimm Co., Detroit, 3 ... P.O. Box 757, Pomona ... Cal
Bonney Mfg. Corp., 3 ... 146 Main St, Maynard ... Mass
Brilhart Plastics Corp., 3 ... Old Country Rd, Mineola ... NY
Carr Fastener Co. Div. United-Carr, 2-3 ... 31 Ames St, Cambridge 42 ... Mass
Carroll Pressed Metal, Inc., 2 ... 133 Dewey St, Worcester ... Mass
Chase Brass & Copper Co., Inc., 2 ... 236 Grand St, Waterbury 20 ... Conn
CIRCON COMPONENT CORP., 1, Adv Pg 446 ... **Santa Barbara Airport, Goleta** ... Cal
CLY-DEL MFG CO., 2, Adv Pg 400 ... **42 Sharon Rd. Waterbury** ... Conn
Comet Plastics, Inc., 3 ... 98-40 Jamaica Ave, Richmond Hill ... NY
Continental-Diamond Fibre Corp., 1-3 ... Newark 100 ... Del
Cosmo Plastics Co., 3 ... 3239 W 14 St, Cleveland ... Ohio
Eagle Electric Mfg. Co. Inc., 3-4 ... 23-10 Bridge Plaza S, L. I. City ... NY
Emeloid Co. Inc., 3 ... 1239 Central Ave, Hillside 5 ... NJ
Emess Plastics Corp., 1-3 ... 19 Vine St, Everett ... Mass
Enflo Corp., 3 ... Fellowship Rd, Rt. 73, Maple Shade ... NJ
Fastex Div., Illinois Tool Works, 3 ... 195 Algonquin Rd, Des Plaines ... Ill
FEDERAL SCREW PRODUCTS INC., 2-4, Adv Pg 553 ... **3917 N Kedzie Ave. Chicago 18** ... Ill
Form-It Products, Inc., 1-3 ... 1619 W Walnut St, Chicago 12 ... Ill
Franklin Fibre-Lamitex Corp., 1-3 ... Box 1769, Wilmington ... Del
G-C Electronics Co., 4 ... 400 S Wyman St, Rockford ... Ill
Garlock Electronic Products, Garlock, Inc., 3 ... Camden 1 ... NJ
Gemex Corp., Industrial Div., 1-2-3 ... 1200 Commerce Ave, Union ... NJ
GENERAL FINDINGS INC. INDUSTRIAL DIV., Adv Pgs 538, 539 ... **55 School St. Attleboro** ... Mass
Glenair, Inc., 4 ... 1211 Airway, Glendale ... Cal
Hallett Mfg Co., 4 ... 5910 Bancroft St, Los Angeles 16 ... Cal
Halleman Canada Ltd., 3 ... 34 Dorforth Rd, Scarborough ... Ont
HEYMAN MFG. CO., 3, Adv Pg 502 ... **Kenilworth 2** ... NJ
Insulation Manufacturers Corp., 1 ... 565 W Washington Blvd, Chicago 6 ... Ill
J. B. C. Machine Co., Inc., 1 ... 42 Lagrange St, Worcester ... Mass
Joslin Mfg Co., 3 ... 9 Luttery Ave, Wallingford ... Conn
Long, Inc., Thomas J., 3 ... 215 Stonehinge Lane, Carle Place ... NY
Lord Mfg. Co., 4 ... 1635 W. 12th St, Erie ... Pa
Minnesota Rubber Co., Inc., 4 ... Orange County, Unionville ... NY
Minnesota Rubber Co., 4 ... 3630 Woddale Ave, Minneapolis ... Minn
Minor Rubber Co., Inc., 4 ... 49 Ackerman St, Bloomfield ... NJ
Monadnock Mills, Div. UCF, 3 ... 2977 1st Ave, San Leandro ... Cal
National Vulcanized Fibre Co., 1-3 ... Box 311, Wilmington 99 ... Del
Nylite Corp of America, 3 ... 250 Badger Ave, Newark 8 ... NJ
Pearce Simpson, Inc., 3 ... 2295 NW 14th St, Miami 35 ... Fla
Pelmor Laboratories, Inc., 4 ... 401 Lafayette St, Newtown ... Pa
Pennsylvania Fluorocarbon Co. Inc., 3 ... 1115 N 38th St, Philadelphia 4 ... Pa
Raybestos-Manhattan Inc., 1-4 ... 61 Willett St, Passaic ... NJ
Roman Plastics Inc., 3 ... 1311 E. Main St, St. Charles ... Ill
Ross Co., Milton, 3-4 ... 235 Jacksonville Rd, Hatboro ... Pa
Rubbercraft Corp of Calif., 3-4 ... 1800 W 220 St, Torrance ... Cal
Russell Gasket Co., 4 ... 3624 Prospect Ave, Cleveland 27 ... Ohio
Sierra Electric Corp., 3 ... 15100 S. Figueroa St, Gardena ... Cal
Smith, Inc., Herman H., 1-2-3-4 ... 2326 Nostrand Ave, Brooklyn 10 ... NY
Spaulding Fibre Co. Inc., 1-2-3 ... 310 Wheeler St, Tonawanda ... NY
Speed Electronics Inc., 1-2-3-4 ... 177 Mill Ln, Mountainside ... NJ
Stalwart Rubber Co., 4 ... 160 Northfield Rd, Bedford ... Ohio
Stover Co. Inc., 2 ... 41 N Saxon Ave, Bay Shore ... NY
Simpson Co., Inc., Edwin B., 2 ... 74 Franklin Ave, Brooklyn 5 ... NY
Swenson Co. Inc., V.H., 3 ... 552 Elm St, Kearny ... NJ
Sylvania Electric Products Inc, Parts Div., 2-3 ... 12 2nd Ave, Warren ... Pa
Synthane Corp., 3 ... Oaks ... Pa
Taylor Fibre Co., 1-3 ... Norristown 51 ... Pa
TEFCO CORP., 3, Adv Pg 500 ... **28 Willett St. Port Chester** ... NY
Thor Ceramics, Inc., 3 ... 225 Belleville Ave, Bloomfield ... NJ
United Shoe Machinery Corp., 2 ... 140 Federal St, Boston ... Mass
U.S. Rubber Co., 4 ... 1230 Ave of the Americas, New York 20 ... NY
Vernay Labs. Inc., 4 ... Yellow Springs ... Ohio
Waldom Electronics Inc., 1-3 ... 4625 W 53rd St, Chicago 32 ... Ill
Warwick Electronics Mfg. Co., 4 ... 400 S Wyman St, Rockford ... Ill
Western Felt Works, 4 ... 4029 Ogden Ave, Chicago ... Ill
Western Sky Industries, 3 ... 21301 Cloud Way, Hayward ... Cal
Wilmington Fibre Specialty Co., 1 ... New Castle 6 ... Del

GROOVERS See TOOLS
GROUNDING STRIPS See STRIPS -*GROUNDING*
GROUND-PLANE ANTENNAS See ANTENNAS -*COMMUNICATION*
GROUND RODS See RODS -*GROUND*
GROWN CRYSTALS See CRYSTALS -*SEMICONDUCTOR*

GUIDANCE SYSTEMS
1. ASTRO 4. RADIO
2. INERTIAL 5. TERRESTRIAL
3. RADAR
INFRARED See INFRARED DEVICES

AC Spark Plug Div., General Motors, 2 ... 7929 S. Howell, Oak Creek ... Wisc
A & A Corp., 1-3 ... 1200 Duke St, Alexandria ... Va
American Bosch Arma Corp., 2 ... 120 Fulton Ave, Hempstead ... NY
American Machine & Foundry Co., 2 ... 1025 N Royal St, Alexandria ... Va
APPLIED ELECTRONICS CORP. OF NJ, 1-3-4, Adv Pg 518 ... **22 Center St. Metuchen** ... NJ
Avco Corp. Electronics & Ordnance Div., 4 ... Box 156, Cincinnati 15 ... Ohio
Babcock Electronics Corp., 4 ... 1640 Monrovia Ave, Costa Mesa ... Cal
Bausch & Lomb Inc., 1 ... 61462 Bausch St, Rochester 2 ... NY
Bell Aerospace Corp., 3-4 ... Box 1, Buffalo 5 ... NY

Belock Instrument Corp., 2	112-03 14th Ave. College Point	NY
Budd Electronics Inc., 1-3-4-5	43-22 Queens St. Long Island City	NY
Chance Vought Corp. Vought Electronics Div., 2-5	Box 1500, Arlington	Tex
Chicago Aerial Industries, 1-5	550 W Northwest Hwy. Barrington	Ill
Control Technology Co., 2	1186 Broadway, New York 1	NY
CUBIC CORP., 4, Adv Pgs 329, 330	**5575 Kearny Villa Rd. San Diego 11**	**Cal**
Donner Scientific Co., 2	888 Galindo St. Concord	Cal
Dynamics Research Corp., 2	38 Montvale Ave. Stoneham	Mass
ECLIPSE PIONEER DIV. BENDIX CORP., 1-2, Adv Pgs 354, 355	**Teterboro**	**NJ**
Emerson Electric Mfg. Co., 2-3	8100 Florissant Ave., St. Louis 35	Mo
Flame Research Inc., 1-2-3	Box 10502, Pittsburgh 35	Pa
Ford Instrument Co. Div. Sperry Rand Corp., 1-2	31-10 Thomson Ave. Long Island City 1	NY
General Dynamics/Electronics, 4	100 Carlson Rd. Rochester 3	NY
General Electric Co., Heavy Military Electronics Dept., 3-4	Court St. Syracuse	NY
General Electric Co. Light Military Electronics Dept., 1-2-3-4-5	French Rd. Utica	NY
General Electric Co. Ordnance Dept., 2	100 Plastics Ave. Pittsfield	Mass
General Mills, Inc., 1-2	1620 Central Ave. Minneapolis 13	Minn
Giannini Controls Corp., 2	1600 S Mountain Ave. Duarte	Cal
Gilfillan Bros. Inc., 3-4-5	1815 Venice Blvd. Los Angeles 6	Cal
Goodyear Aircraft Corp., 1-3	1210 Massillon Rd. Akron 15	Ohio
HALLICRAFTERS CO., 2-4, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
Hughes Microwave Components Div., 3	Florence & Teale, Culver City	Cal
ITT Federal Labs Div. ITT Corp., 1-3	500 Washington Ave. Nutley	NJ
Industrial Control Co., 1	Central Ave. & Pinelawn, Farmingdale	NY
KEARFOTT DIV. GEN PRECISION INC., 1-2, Adv Pg 394	**Little Falls**	**NJ**
Kearfott Div. Gen. Precision Inc. Microwave Prods., 3	14844 Oxnard St. Van Nuys	Cal
Kollsman Instrument Corp. Sub Standard Kollsman Ind Inc., 1	80-08 45th Ave. Elmhurst 73	NY
Laboratory For Electronics, Inc., 1-2-3	1079 Commonwealth Ave. Boston 15	Mass
Lear, Inc., 4-5	3171 S Bundy Dr. Santa Monica	Cal
Librascope, Div. General Precision Inc., 2	808 Western Ave. Glendale	Cal
Lockheed Electronics Co. Military Sys Div., 3-4	US Hwy. 22, Plainfield	NJ
McDonnell Aircraft Co., 2	Box 516, St Louis 66	Mo
Magnavox Co., 3-4	2131 Bueter Rd. Fort Wayne 4	Ind
Marconi's Wireless Telegraph Co., Ltd., 3-4	750 Third Ave, New York 17	NY
Martin Co., 2-4	Mail No. G3037, Baltimore 3	Md
Maxson Electronics Corp., 1-2-3-5	475 10th Ave. New York 18	NY
Minn-Honeywell, Military Prods Gr., 1-2-3-4-5	2600 Ridgway Rd. Minneapolis 13	Minn
MODEL ENG. & MFG. CORP., 2-3, Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Norden Div. United Aircraft Corp., 2	Helen St. Norwalk	Conn
Nortronics, Div Northrop Corp., 1-2-5	222 N Prairie Ave. Hawthorne	Cal
Philco Corp. Govt & Ind Div., 3-4	4700 Wissahickon Ave. Phila 44	Pa
Power - Tronic Systems, Inc., 1-2-5	10-12 Pine Ct. New Rochelle	NY
R S ELECTRONICS CORP., 3-4, Adv Pg 305	**Box 11368, Sta A, Palo Alto**	**Cal**
Radio Corp. of America, Defense Electronic Prods. 2-3	Bldg. 15-2 Camden	NJ
Raytheon Co. Govt Mktg., 2-3-5	Lexington 73	Mass
Reeves Instrument Corp., 2-3	Roosevelt Field, Garden City	NY
Ryan Electronics Div. Ryan Aero. Co., 1-2-3-4-5	5650 Kearny Mesa Rd. San Diego 12	Cal
SANDERS ASSOCIATES INC., 3, Adv Pg 380	**95 Canal St. Nashua**	**NH**
SERVO CORP OF AMERICA, 4, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Solatron Inc., 2	128 Jackson St. Cambridge 40	Mass
Space Electronics Corp., 4-5	930 Air Way, Glendale 1	Cal
Sperry Gyroscope Co. Div. Sperry Rand Corp., 1-2-3-4-5	Great Neck	NY
Sperry Phoenix Co. Div. Sperry Rand Corp., 3-4	21111 N 19th Ave. Phoenix 27	Ariz
Standard Tel. & Cables Ltd., 3-4	29 Glasshouse Yard, London	Eng
Telecomputing Corp., 2-3	915 N Citrus Ave. Hollywood	Cal
Televiso Corp., 3	Wheeling & Exchange Rds. Wheeling	Ill
Ten Bosch, Inc., M., 2	80 Wheeler Ave, Pleasantville	NY
Texas Instruments Incorporated, Apparatus Div. Govt Prods Gr., 1-2-3	Box 6015, Dallas 22	Tex
United Shoe Machinery Corp., 3	140 Federal St. Boston	Mass
Universal Match Corp. Armament Div., 3	472 Paul Ave. St Louis 35	Mo
Westinghouse-Electronics Div., 3-4	Baltimore	Md
Whittaker Gyro Div. Telecomputing Corp., 1-2	16217 Lindberg St. Van Nuys	Cal
Winder Aircraft Corp., 3-4	Dunnellon Air Base, Dunnellon	Fla

GUNFIRE CONTROL See RADAR
GUNFIRE CONTROL COMPUTERS See COMPUTERS -SPECIAL
GUN MOUNTS See TUBE PARTS
GUNS -SOLDERING See TOOLS -SOLDERING
GUY WIRE See WIRE -BARE, STEEL

GYRATORS -MICROWAVE

Caswell Electronics Corp	414 Queens Ln. San Jose 12	Cal
Decitron Electronics Corp., 1-11-15-16-28	850 Shephard Ave. Brooklyn 8	NY
FERROTEC, INC., Adv Pg 496	**217 California St. Newton 58**	**Mass**
Instrument Systems Corp	129-07 18th Ave. College Point 56	NY
Kearfott Div. Gen. Precision Inc. Microwave Prods	14844 Oxnard St. Van Nuys	Cal
Research Industrial Labs. of Electronics, 4-13-14	Roslyn	Pa
TOKYO DENKI SEIKI CO. LTD., Adv Pg 264	**11 2-chome, Nakamachi, Koedo, Chiyoda-ku, Tokyo**	**Jap**

GYRO COMPASSES See COMPASSES -GYRO, SHIP: AIRCRAFT EQUIPMENT

GYROS

1. DIRECTIONAL 2. DISPLACEMENT 3. INTEGRATING 4. RATE

AC Spark Plug Div., General Motors, 3-4	7929 S. Howell, Oak Creek	Wisc
Aeroflex Corp., 1-4	48-25 36th St. Long Island City	NY
Allen Business Machine, Inc., R.C., Aircraft Instrument Div., 4	333 Commerce S.W., Grand Rapids	Mich
Bell Aerospace Corp., 1-2	Box 1, Buffalo 5	NY
Belock Instrument Corp., 1-3-4	112-03 14th Ave. College Point	NY
Canadian Aviation Electronics Ltd., 4	Box 2030, Montreal 9	P.Q.
Clary Corp., 1-2	408 Junipero St. San Gabriel	Cal
Courter Products Div. Model Eng. & Mfg. Inc., 2	Boyne City	Mich
Decker Corp., 1-2-3-4	45 Monument Rd. Bala Cynwyd	Pa
Dynamics Research Corp., 3	38 Montvale Ave. Stoneham	Mass
ECLIPSE PIONEER DIV. BENDIX CORP., 1-2-3-4, Adv Pgs 354, 355	**Teterboro**	**NJ**
ELECTROSPACE CORP., 1, Adv Pg 378	**99 E Hawthorne Ave. Valley Stream**	**NY**
Ellison Engineering Co., 4	4530 San Fernando Rd. Glendale 4	Cal
Fairchild Controls Corp., 4	225 Park Ave. Hicksville	NY
Ford Instrument Co. Div. Sperry Rand Corp., 1-2-3	31-10 Thomson Ave. Long Island City 1	NY
Giannini Controls Corp., 1-2-4	1600 S. Mountain Ave. Duarte	Cal
Greenleaf Mfg. Div Mandel Industries, Inc., 2-3-4	7814 Maplewood Ind Ct, St. Louis 17	Mo
Gyrex Corp., 4	3003 Pennsylvania Ave, Santa Monica	Cal
Houston Fearless Corp., 1-3-4	9107 Wilshire Blvd. Beverly Hills	Cal
Humphrey, Inc., 1-3-4	2805 Canon St. San Diego 6	Cal
Iron Fireman Mfg Co. Electronics Div., 1-2	2838 SE 9th Ave. Portland 2	Ore
KEARFOTT DIV., GEN PRECISION INC., 1-2-3-4, Adv Pg 394	**Little Falls**	**NJ**
Kollsman Dept. Norden Div. United Aircraft Corp., 1-3-4	Jericho Tpke. Commack	NY
Lear, Inc., 1-2-3-4	3171 S. Bundy Dr, Santa Monica	Cal
Mandrel Industries Inc	5134 Glenmont, Houston 36	Tex
MINN-HONEYWELL, BOSTON DIV., 4, Adv Pg 67	**1400 Soldiers Field Rd. Boston 35**	**Mass**
Minn-Honeywell, Military Prods Gr., 1-2-3-4	2600 Ridgway Rd. Minneapolis 13	Minn
MODEL ENG. & MFG. CORP., 1-2-3-4, Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Muirhead & Co., Ltd., 2-4	Beckenham, Kent, England	
Norden Div. United Aircraft Corp., 1-2-3-4	Helen St. Norwalk	Conn
Nortronics, Div Northrop Corp., 3-4	222 N Prairie Ave. Hawthorne	Cal
Philco Corp., Gov't & Ind'l Div., 1	4700 Wissahickon Ave, Philadelphia 44	Pa
PRECISION PRODUCTS DEPT. NORTRONICS DIV. NORTHROP CORP., 3-4, Adv Pg 240	**100 Morse St. Norwood**	**Mass**
Reeves Instrument Corp., 3	Roosevelt Field, Garden City	NY
Rotating Components, Inc	267 Green St. Brooklyn 22	NY
SANDERS ASSOCIATES INC., 4, Adv Pg 380	**95 Canal St. Nashua**	**NH**
Simon Mfg. Co., 1-2-3-4	P. O. Box 275, Wayne	Ill
Space Electronics Corp., 1	930 Air Way, Glendale 1	Cal
Sperry Gyroscope Co. Div. Sperry Rand Corp., 1-2-3-4	Great Neck	NY
Sperry Phoenix Co. Div. Sperry Rand Corp., 1-2-3-4	21111 N 19th Ave. Phoenix 27	Ariz
Summers Gyroscope Co., 1-2-4	2500 Broadway, Santa Monica	Cal
Teitzon Instrument Co., 1	26225 NW Cornell Rd. Hillsboro	Ore
Telecomputing Corp., 1-2-3-4	915 N Citrus Ave. Hollywood	Cal
Waltham Precision Instrument Co., 1-4	221 Crescent St, Waltham	Mass
Whittaker Gyro Div., Telecomputing Corp., 1-2-3-4	16217 Lindberg St, Van Nuys	Cal

GYRO TESTERS See TESTERS -GYRO
HAIRSPRINGS See SPRINGS

HALL EFFECT DEVICES

1. MAGNETORESISTORS 2. MULTIPLIERS 3. PROBES

G.R.H. Halltest Co., 1-2-3	157 S Morgan Blvd. Valparaiso	Ind
KEARFOTT DIV. GEN PRECISION INC., 2, Adv Pg 394	**Little Falls**	**NJ**
OHIO SEMICONDUCTORS, 1-2-3, Adv Pg 87	**1205 Chesapeake Ave. Columbus 12**	**Ohio**
Westinghouse Electric Corp. Instrument Dept., 2	Newark	NJ
Westinghouse Electric Corp. Semiconductor Dept 3	Youngwood	Pa

HANDLES

ABALON PRECISION MFG CORP., Adv Pg 539	**540 Casanova St. New York 59**	**NY**
Aeroloy Co	26 W 1st St. Clifton	NJ
Alac, Inc	365 W. Arden St, Glendale	Cal
Alpine Electronic Components	Wolcott Rd, Waterbury	Conn
Amatom Electronic Hardware Co., Inc	48 Drake Ave, New Rochelle	NY
Auburn Mfg. Co., The	Pease Ave & Stack St, Middletown	Conn
Bendix Corporation, Friez Instrument Div	1400 Taylor Ave. Baltimore 4	Md
BIRNBACH RADIO CO. INC., Adv Pg 529	**145 Hudson St. New York 13**	**NY**
BUD RADIO INC., Adv Pg 343	**2118 E 55th St. Cleveland 3**	**Ohio**
Cambridge Thermionic Corp	445 Concord Ave, Cambridge 38	Mass
Camloc Fastener Corp	22 Spring Valley Rd. Paramus	NJ
Carroll Pressed Metal, Inc	133 Dewey St, Worcester	Mass
CHASSIS-TRAK CO. INC., Adv Pg 92	**525 S Webster Ave. Indianapolis 19**	**Ind**
Davies Molding Co., Harry	1428 N. Wells, Chicago 10	Ill
DIMCO-GRAY CO., Adv Pg 396	**207 E 6th St. Dayton**	**Ohio**
Eastern Tool & Mfg Co	1 Montgomery St. Belleville 9	NJ
Electro-Rack, Inc	11501 Jefferson Blvd. Culver City	Cal
Equipto Electronics Corp	319 N Webster St. Naperville	Ill
Erwood Inc	1770 Berteau Ave, Chicago 13	Ill
Eugene Engineering Co., Inc	1217 Hyde Park Ave, Hyde Park 36	Mass
Gemex Corp. Industrial Div	1200 Commerce Ave. Union	NJ
General Components Co	225-229 E. 144th, New York 51	NY
General Gaskets Inc	Middletown	Conn
Goe Engineering Co	219 S. Mednik Ave, Los Angeles 22	Cal
Grant Pulley & Hardware Corp	135 High St, West Nyack	NY
Hellerman Canada Ltd	44 Danforth Rd. Scarborough	Ont
Jonathan Mfg. Co	720 E Walnut Ave. Fullerton	Cal
Lerco Div. Microdot Inc	501 S Varney St. Burbank	Cal
Lyn-Tron, Inc	5350 Riverton Ave. North Hollywood	Cal
Microdot, Inc	220 Pasadena Ave. South Pasadena	Cal
NATIONAL RADIO CO., Adv Pg 499	**37 Washington St. Melrose 76**	**Mass**
NIELSEN HARDWARE CORP., Adv Pg 70	**770 Wethersfield Ave. Hartford 1**	**Conn**
Nutmeg Screw Machine Products Co	P.O. Box 1470, Waterbury	Conn
Pfister Aluminum Corp	54 W. Allendale Ave, Allendale	NJ
Precision Metal Products Co of Malden	41 Elm St. Stoneham 80	Mass
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., Adv Pg 37	**411 Providence Tpke. Westwood**	**Mass**
Rimak Electronics Inc	10929 Vanowen St. N Hollywood	Cal
Rosenberg Bros	102 Landing Ave. Smithtown	NY
Ross Co., Milton	239 Jacksonville Rd. Hatboro	Pa
Rostone Corp	Rt 52 South, Lafayette	Ind
Sessions & Son, J.H.	290 Riverside Ave, Bristol	Conn
Sierra Electric Corp	15100 S. Figueroa St. Gardena	Cal
Skydyne, Inc	River Rd, Port Jervis	NY
Smith, Inc., Herman H.	2326 Nostrand Ave, Brooklyn 10	NY
STAFFORD MFG. CO. INC., Adv Pg 124	**145 58th St. Brooklyn 20**	**NY**
Sterling Instrument Div	17 Matinecock Ave. Port Washington	NY
TA Mfg. Corp	4613 Alger St, Los Angeles 39	Cal
U.S. Engineering Co., Div., Litton Ind	13536 Saticoy, Van Nuys	Cal
WESTERN DEVICES INC., Adv Pg 64	**600 W Florence Ave. Inglewood**	**Cal**

HANDSETS See TELEPHONES
HAND TOOLS See TOOLS
HARDNESS INDICATORS See INDICATORS -HARDNESS

HARDWARE -ELECTRONIC *See Also SPECIFIC ITEM DESIRED*

ABALON PRECISION MFG CORP., Adv Pg 539	**540 Casanova St. New York 59**	**NY**
Accurate Electronics Corp	Box 935G, Elyria	Ohio
Airtron, Div of Litton Industries	200 E. Hanover Ave, Morris Plains	NJ
Alac, Inc	365 W. Arden St, Glendale	Cal
ALDEN PRODUCTS CO., Adv Pg 359	**112 N Main St. Brockton 64**	**Mass**
Alpine Electronic Components	Wolcott Rd, Waterbury	Conn
Amatom Electronic Hardware Co., Inc	48 Drake Ave, New Rochelle	NY
Ampco Mfg. Co	246 E. 2nd St. Plainfield	NJ
Arnold Engineering Co. Pacific Div	1551 E Orangethorpe Ave, Fullerton	Cal
ART WIRE & STAMPING CO., Adv Pg 409	**227 High St. Newark 2**	**NJ**
Atlee Corp. Atlee Components Div	8220 Lankershim Blvd. N Hollywood	Cal
Atlee Corp. Atlas Div	47 Prospect St. Woburn	Mass
AUGAT BROS. INC., Adv Pg 112	**33 Perry Ave. Attleboro**	**Mass**
Avco Corp. Electronics & Ordnance Div	Box 116, Cincinnati 15	Ohio
Bart Labs & Design Inc	125 Manchester Pl, Newark 4	NJ
BIRNBACH RADIO CO. INC., Adv Pg 529	**145 Hudson St. New York 13**	**NY**
Blinn Co., Delbert	P.O. Box 757, Pomona	Cal
BUD RADIO INC., Adv Pg 343	**2118 E 55th St. Cleveland 3**	**Ohio**
Burklyn Co	3429 Glendale Blvd. Los Angeles 39	Cal
Cambridge Thermionic Corp	445 Concord Ave, Cambridge 38	Mass
Camloc Fastener Corp	22 Spring Valley Rd. Paramus	NJ
Carroll Pressed Metal, Inc	133 Dewey St, Worcester	Mass
CHASSIS-TRAK CO. INC., Adv Pg 92	**525 S Webster Ave. Indianapolis 19**	**Ind**
CHURCHILL LIGHTING CORP., Adv Pg 533	**344 Franklin St. Melrose 76**	**Mass**
CLY-DEL MFG CO., Adv Pg 400	**42 Sharon Rd. Waterbury**	**Conn**
CORNELL-DUBILIER ELECTRONICS DIV. FED PACIFIC ELEC CO., Adv Pgs 148, 149	**50 Paris St. Newark 1**	**NJ**
DIMCO-GRAY CO., Adv Pg 396	**207 E 6th St. Dayton**	**Ohio**
ELASTIC STOP NUT CORP OF AMERICA, Adv Pg 378	**2330 Vauxhall Rd. Union**	**NJ**
Electro-Products Inc	15150 Schaefer Hwy. Detroit 27	Mich
Electro-Rack, Inc	11501 Jefferson Blvd. Culver City	Cal
Elgin Metalformers Corp	631 Congdon Ave, Elgin	Ill
Emmco Plastics Corp	98 Vine St. Everett	Mass
Equipto Electronics Corp	319 N Webster St. Naperville	Ill
Erwood Inc	1770 Berteau Ave, Chicago 13	Ill
Fastex Div., Illinois Tool Works	195 Algonquin Rd, Des Plaines	Ill
FEDERAL SCREW PRODUCTS INC., Adv Pg 553	**3917 N Kedzie Ave. Chicago 18**	**Ill**
G-C Electronics Co	400 S Wyman St. Rockford	Ill
Gemex Corp. Industrial Div	1200 Commerce Ave. Union	NJ
General Components Co	225-229 E. 144th, New York 51	NY
Glenair, Inc	1211 Airway, Glendale	Cal
Goe Engineering Co	219 S. Mednik Ave, Los Angeles 22	Cal
Gries Reproducer Corp	151 Beechwood St. New Rochelle	NY
Groov-Pin Corp	1125 Hendricks Cswy, Ridgefield	NJ
Hartwell Corp	9035 Venice Blvd. Los Angeles 34	Cal
Heldor Electronics Mfg. Corp	238 Lewis St. Paterson	NJ
Hellerman Canada Ltd	44 Danforth Rd. Scarborough	Ont
Hi-Lo Mfg. Corp.	1122 W. Newport Ave, Chicago 13	Ill
Humphrey Castings, Inc	7344 Ripley St, San Diego 10	Cal
I. E. Manufacturing	3041 Carroll, Chicago 12	Ill
I. H. Mfg. Co	121 Greene St. New York 12	NY
INDUSTRIAL ELECTRONIC HARDWARE CORP., Adv Pg 555	**109 Prince St. New York 12**	**NY**
J. & G. Machine Co., Inc	42 Lagrange St, Worcester	Mass
Jao Hardware Mfg. Co., Inc	38-01 Queens Blvd, Long Island City 1	NY
Jones Electronics, Hiram	2313 W. Olive Ave, Burbank	Cal
Kaynar Mfg Co. Inc	Box 2001, Term. Annex Los Angeles 54	Cal
Keystone Electronics Corp	49 Bleecker St, New York 12	NY
Korry Mfg. Co	223 8th Ave. N, Seattle 9	Wash
Kulka Electric Corp	633 S Fulton Ave. Mt Vernon	NY
Lerco Div. Microdot Inc	501 S Varney St. Burbank	Cal
Lyn-Tron, Inc	5350 Riverton Ave. North Hollywood	Cal
Malco Mfg. Co	4023 W. Lake St. Chicago 24	Ill
Metal Findings Corp	152 W. 22nd St, New York 11	NY
METHODE MFG. CORP Adv Pgs 458, 459	**7447 W Wilson Ave. Chicago 31**	**Ill**
Millen Mfg. Co., James	150 Exchange St, Malden	Mass
Molding Corp of America	42 Church St, Pawtucket	RI
Monadnock Mills, Div. UCF	1977 1st Ave. San Leandro	Cal
Morris Co., J.L.	376 Elm St, Southbridge	Mass
NATIONAL RADIO CO., Adv Pg 499	**37 Washington St. Melrose 76**	**Mass**
NATIONAL TEL-TRONICS CORP., Adv Pg 537	**52 St Casmir Ave. Yonkers**	**NY**
NIELSEN HARDWARE CORP Adv Pg 70	**770 Wethersfield Ave, Hartford 1**	**Conn**
Nutmeg Screw Machine Products Co	P.O. Box 1470, Waterbury	Conn
Oki & Willemsen, Ltd	47 Crockford Blvd, Toronto 16, Ontario, Canada	
Olympic Products Co. Inc	3rd Ave. Alpha	NJ
Plug-In Instruments, Inc	1416 Lebanon Rd. Nashville 10	Tenn
Precision Metal Products Co. of Malden	41 Elm St. Stoneham 80	Mass
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., Adv Pg 37	**411 Providence Tpke, Westwood**	**Mass**
Raytheon Co. Ind Components Div	55 Chapel St. Newton 58	Mass
Rimak Electronics Inc	10929 Vanowen St. N Hollywood	Cal
Rosan, Inc	2901 W. Coast Hwy, Newport Beach	Cal
Ross Co., Milton	239 Jacksonville Rd. Hatboro	Pa
Sinclair Mfg Co	Chartley	Mass
Smith, Inc., Herman H.	2326 Nostrand Ave, Brooklyn 10	NY
South River Metal Products Co., Inc	377 Turnpike, South River	NJ
Southco Div. South Chester Corp	Lester	Pa
Speed Electronics Inc	177 Mill Ln. Mountainside	NJ
STAFFORD MFG. CO. INC., Adv Pg 124	**145 58th St. Brooklyn 20**	**NY**
Standard Insert Co	12272 Montague St. Pacoima	Cal
Staver Co. Inc	41 N Saxon Ave. Bay Shore	NY
Steel Heddle Mfg Co	2100 W Allegheny Ave. Philadelphia 32	Pa
Sterling Instrument Div	17 Matinecock Ave. Port Washington	NY
Stone City Products Co	1206-7th St, Bedford	Ind
TA Mfg Corp	4613 Alger St. Los Angeles 39	Cal
Timber-Top, Inc	38 Brooklyn Ave. Freeport 5	NY
Torrington Co	59 Field St. Torrington	Conn
Tricraft Products Corp	1124 W. Newport Ave, Chicago 13	Ill
Tubular Rivet & Stud Co	Weston Ave, Quincy 70	Mass
United Products Co	165 Franklin Ave. Nutley 10	NJ
U.S. Engineering Co., Div., Litton Ind	13536 Saticoy, Van Nuys	Cal
U. S. Instrument Corp	Box 1288G, Charlottesville	Va
Varian Associates	611 Hansen Way, Palo Alto	Cal
VECTOR ELECTRONIC CO., Adv Pg 544	**1100 Flower St. Glendale 1**	**Cal**
Vitro Corp of America	261 Madison Ave. New York 16	NY
VITRO ELECTRONICS DIV. VITRO CORP Adv Pgs 309, 310	**919 Jesup Blair Dr. Silver Spring**	**Md**
Waldom Electronics, Inc	4621 W. 53rd St, Chicago 32	Ill
Walsco Electronics Mfg. Co	400 S Wyman St. Rockford	Ill

WHITSO INC., Adv Pg 488	9328 Byron St. Schiller Park	Ill
Zronox Mfg. Corp	Beechwood & Parkdale, New Rochelle	NY

HARMONIC ANALYZERS See ANALYZERS–HARMONIC
HARMONIC SIGNAL GENERATORS See GENERATORS–SIGNAL

HARNESSES–WIRE See Also CABLE ASSEMBLIES

A-H Mfg. Co. Inc	412 S Hager Ave, Barrington	Ill
Advanced Electronics, Inc	94 Silas Deane Hwy, Rocky Hill	Conn
Aerolite Electronics Corp	2207 Summit Ave, Union City	NJ
Airtron, Div of Litton Industries	200 E Hanover Ave, Morris Plains	NJ
ALDEN PRODUCTS CO., Adv Pg 359	112 N Main St. Brockton 64	Mass
Allegri-Tech Inc	141 River Rd, Nutley 10	NJ
American Electric Cable Co	181 Appleton St, Holyoke	Mass
AMERICAN ELECTRONIC WIRE & CABLE, Adv Pg 18	120 S Hewitt St. Los Angeles	Cal
Amoco Mfg. Co	345 E. 2nd St, Plainfield	NJ
Anchor Specialty Mfg. Co., Inc	300 Hollister Rd, Teterboro	NJ
Applied Electronics Co	213 E Grand Ave, S San Francisco	Cal
Baker Products Co	3 Component Pk, W Bridgewater	Mass
Bay-Tronic Co	35-43 Evergreen St, Bayonne	NJ
Beckley Electric Co	466 Grand Ave, Brooklyn	NY
BIRNBACH RADIO CO. INC., Adv Pg 529	145 Hudson St. New York 13	NY
Brand, William-Rex Div	46 Sudbury Rd, Concord	Mass
Breeze Corps., Inc	700 Liberty Ave, Union	NJ
CBC Electronics Co. Inc	2601 N Howard St, Philadelphia 33	Pa
Cable Designs, Inc	66 Pulteney St, Westbury	NY
Cable Electric Products	234 Detroit St, Providence	RI
Cable Specialists of Connecticut	95 Kitts Ln, Newington 11	Conn
Cable Industries Corp	P. O. Box 150, Endicott	NY
Canadian Aviation Electronics Ltd	Box 2030, Montreal 9	P.Q.
CICOIL CORP., Adv Pg 56	13833 Saticoy St. Van Nuys	Cal
COLUMBIA WIRE & SUPPLY CO., Adv Pg 478	2850 Irving Park Rd. Chicago	Ill
Co-Operative Industries, Inc	100 Oakdale Rd, Chester	NJ
Di-Tran Corp	11307 Hindry Ave, Los Angeles 45	Cal
Dwyer Engineering Co., Inc	Airport Rd, Nashua	NH
Electric Autolite Co	Champlain St, Toledo 1	Ohio
Electric Switch Corp	2330 S Tibbs Ave, Indianapolis 41	Ind
Electro-Physics Co	387 Broadway, New York 7	NY
Electrosmith Corp	125 Pleasant Ave, Roosevelt	NY
ELECTROSPACE CORP., Adv Pg 378	99 E Hawthorne Ave. Valley Stream	NY
Emerson Inc	1140 East-West Hwy, Silver Spring	Md
Empire Electronics Co., Inc	65 Spruce St, Paterson 1	NJ
Fairchild Camera & Instrument Corp. Cable Div	Junge Blvd. & Maiden Ln. Joplin	Mo
Fastex Div., Illinois Tool Works	195 Algonquin Rd, Des Plaines	Ill
Gavitt Wire & Cable Co	Central St, Brookfield	Mass
GENERAL ELECTRONIC & WIRE CO., Adv Pg 484	457 W 46th St. New York 36	NY
General Laboratory Assoc., Inc	17 E. Railroad St, Norwich	NY
Gilfillan Bros., Inc	1815 Venice Blvd, Los Angeles 6	Cal
Hallett Mfg. Co	5910 Bancroft St, Los Angeles	Cal
Houlihan Co., T.J.	2503 N. Lawrence Ave, Chicago 25	Ill
Inductor Engineering Inc	117 Schley Ave, Lewes	Del
Jonathan Mfg. Co	720 E Walnut Ave, Fullerton	Cal
Keystone Industries, Inc	Lampe St, Mt. Holly Springs	Pa
Kulka Electric Corp	633 S Fulton Ave, Mt Vernon	NY
Kuehn Mfg. Co	398 State St, Binghamton	NY
McDonnell Aircraft Co	Box 516, St Louis 66	Mo
MacLeod & Hanopol, Inc	10 Roland St, Charlestown 29	Mass
Mendel Industries Inc	3034 Glenmont, Houston 36	Tex
Martin Co	Mail No. [illegible], Baltimore 3	Md
Mercury Engineering Corp	337 E. Cottage Pl, York	Pa
Metalectric Products Corp	15 Bangs Ave, Asbury Park	NJ
Molex Products Co	9815 Southview Ave, Brookfield	Ill
Multron Corp	125 Pleasant Ave, Brockton	Mass
NEWMAN CORP., M. M., Adv Pgs 541, 543	79 Clifton Ave. Marblehead	Mass
Nichols, Ltd., R.H.	4544 Dufferin St, Downsview	Ont
North Electric Co	553 S Market St, Galion	Ohio
OPAD ELECTRIC CO., Adv Pg 488	43-5 Walker St. New York 13	NY
Pacific Electricord Co	747 W Redondo Beach Blvd, Gardena	Cal
Packard Electric Div., General Motors Corp	313 Dana Ave, Warren	Ohio
Pearce Simpson, Inc	2295 N.W. 14th St, Miami 35	Fla
Photo Plastics Corp	530 Boston Tnpk, Shrewsbury	Mass
RIXON ELECTRONICS INC., Adv Pg 412	2414 Reedie Dr. Silver Spring	Md
Rockland Insulated Wire & Cable Co	36 Main St, Haverstraw	NY
Radiate Electronics	162 Grand Blvd, Westbury	NY
Ross Co., Milton	259 Jacksonville Rd, Hatboro	Pa
Rowe Industries	1702 Wayne St, Toledo 9	Ohio
ROYAL ELECTRIC CORP., Adv Pg 108	95 Grand Ave. Pawtucket	RI
Sag Harbor Industries, Inc	Bay St, Sag Harbor	NY
SANDERS ASSOCIATES INC., Adv Pg 380	95 Canal St. Nashua	NH
SCINTILLA DIV. BENDIX CORP., Adv Pg 345	Sidney	NY
Sierra Electric Corp	15100 S. Figueroa St, Gardena	Cal
Sittler Corp	15 N Ada St, Chicago 7	Ill
Smith, Inc. Herman H.	2326 Nostrand Ave, Brooklyn 10	NY
Smith Mfg. Co., J&H	Little Britain Rd, Newburgh	NY
Specialty Electronics Development Corp	Eileen Way, Syosset	NY
Spec-Tronics	13942 Saticoy Ave, Van Nuys	Cal
Speed Electronics Inc	177 Mill Ln, Mountainside	NJ
Telecom, Inc	1019 Admiral Blvd, Kansas City	Mo
TENSOLITE INSULATED WIRE CO INC., Adv Pg 293	W Main St. Tarrytown	NY
Thermo Electric Co., Inc	109 5th St, Saddle Brook	NJ
Tineflex Inc	534 Hendee St, Springfield	Mass
Topp Industries, Inc	5221 W. 102 St, Los Angeles 45	Cal
Tri-Dex Co	P.O. Box 1207, Lindsay	Cal
Universal Match Corp. Armament Div	472 Paul Ave, St Louis 35	Mo
Univex Corp	102 Warren St, New York 7	NY
Vinco Electronics Corp	65 Wallace St, New Haven 11	Conn
Virginia Electronics Co., Inc	5208 River Rd, Washington 16	DC
Wolcraft Products Co. Inc	New Carlisle	Ind
Wells Electronics Co	1701 S Main St. South Bend 23	Ind
WHEELER ELECTRONIC CORP. SUB. SPERRY RAND CORP., Adv Pg 498	150 E Aurora St. Waterbury 20	Conn
Winder Aircraft Corp	Dunnellon Air Base, Dunnellon	Fla

HARNESS LACING See CORDS–LACING

HEADERS–HERMETICALLY SEALED (RELAY & TRANSFORMER)

Aeroseal Inc	801 23rd St. Union City	NJ
AMERICAN LAVA CORP., Adv Pg 237	Cherokee & Mfgrs Rd. Chattanooga 5	Tenn
Amoco Corp	11924 W. Washington Blvd, L.A. 66	Cal
Atmo Seal Co	4321 Fielding St, Cincinnati 9	Ohio
Bevtron Electronics Corp	59 Park St. Beverly	Mass
CARBORUNDUM CO. REFRACTORIES DIV., Adv Pgs 104, 105	Perth Amboy	NJ
DAGE ELECTRIC CO., Adv. Pgs. 382, 383, 384	67 N Second St. Beech Grove	Ind
ELECTRICAL INDUSTRIES DIV PHILIPS ELEC & PHARM IND CORP., Adv Pg 147	691 Central Ave. Murray Hill	NJ
Gemex Corp. Industrial Div	1000 Commerce Ave. Union	NJ
Glass Tite Industries, Inc	725 Branch Ave. Providence 4	RI
Gilbert Products Co., Inc	125 Commerce Rd, Linden	NJ
Greenfield Components Corp	184 Shelburne St, Greenfield 16	Mass
Heldor Electronics Mfg. Corp	238 Lewis St. Paterson	NJ
Hermaseal Co. Inc	1101 N Main St. Elkhart	Ind
Hermetite Corp	100 Lodge Dr. Avon	Mass
J-B Electronics Inc	2340 E. Elvira Rd, Tucson	Ariz
Minn-Honeywell, Ceramics Lab	Box 440, Minneapolis 40	Minn
Molding Corp of America	42 Church St, Pawtucket	RI
Nu-Line Industries Inc	1015 S 6th St. Minneapolis 4	Minn
Olympic Products Co. Inc	3rd Ave. Alpha	NJ
Pix Mfg. Co., Inc	75 Hudson St, Newark	NJ
RICHFIELD COMBINED PRODUCTS CO Adv Pg 559	720 Broad St, Clifton	NJ
Ross Co., Milton	295 Jacksonville Rd, Hatboro	Pa
Uni-Seal, Inc	477 North Ave, Garwood	NJ
United Products Co	165 Franklin Ave, Nutley 10	NJ

HEADPHONES & HEADSETS

American Development Electronics Co	77 Pomer St, Newark 8	NJ
Amplivox Ltd	Beresford Ave, Wembley, Middlesex, England	
Audiosears Corp	Stewart Hill Rd, Roxbury	NY
Audiotex Mfg. Co	412 S. Wyman St, Rockford	Ill
Beckley Electric Co	466 Grand Ave, Brooklyn	NY
Brown Ltd., S. G.	85 Shore Rd, Port Washington	NY
Cannon Co., C.F.	Springwater	NY
CLEVITE ELECTRONIC COMPONENTS DIV. CLEVITE CORP., Adv Pg 142	3405 Perkins Ave. Cleveland 14	Ohio
Clevite-Walco	60 Franklin St, East Orange	NJ
Electric Switch Corp	2330 S Tibbs Ave, Indianapolis 41	Ind
Electronic Applications Inc	194 Richmond Hill Ave, Stamford	Conn
ELECTROSPACE CORP., Adv Pg 378	99 E Hawthorne Ave. Valley Stream	NY
Fedtro Inc	Fed. Elect. Bldg. Rockville Centre	NY
Gotham Audio Corp	2 W. 46 St, New York 36	NY
Grason-Stadler Corp	Electronics Park, West Concord	Mass
Kellogg Switchboard & Supply Co	6650 S. Cicero Ave, Chicago 38	Ill
LIONEL CORP., THE, Adv. Pgs. 220, 221	Hoffman Pl. Hillside	NJ
Melody Master Mfg. Co	2149-2151 Roscoe St, Chicago 18	Ill
Murdock Corp	158 Carter St, Chelsea	Mass
Mytron Mfg. Co	4522 Brazil St, Los Angeles 39	Cal
Permoflux Products Co	4101 San Fernando Rd, Glendale	Cal
PLASTIC MOLD & ENGINEERING CO. INC., Adv Pg 505	265 Wampanoag Tr. East Providence 14	RI
Roanwell Corp	180 Varick St, New York 14	NY
Rotten Co	Rt 1 & Camp Meeting Rd, Topsfield	Mass
Rye Sound Corp	145 Elm St, Mamaroneck	NY
Smith, Inc. Herman H.	2326 Nostrand Ave. Brooklyn 10	NY
Standard Tel. & Cables Ltd	29 Glasshouse Yard, London	Eng
Superex Electronics Corp	4-6 Radford Pl, Yonkers	NY
Telephonics Corp	Park Ave, Huntington	NY
Telex, Inc	Telex Park, St. Paul 1	Minn
Trimm, Inc	400 W. Lake St, Libertyville	Ill
U. S. Instrument Corp	Box 1788BG, Charlottesville	Va
Wells Co. Inc., Gary	16 W Jamaica Ave. Valley Stream	NY
WHEELER ELECTRONIC CORP. SUB. SPERRY RAND CORP., Adv Pg 498	150 E Aurora St. Waterbury 20	Conn

HEADS–INDEXING, ROTARY

Gertsch Products, Inc	3211 S La Cienega Blvd. Los Angeles 16	Cal
KAHLE ENGINEERING CO Adv Pg 98	3322 Hudson St, Union City	NJ
Lipps Engineering, Edwin A.	1511 Colorado Ave, Santa Monica	Cal
Millitest Co	88 Madison Ave, Hempstead	NY

HEADS–RECORDING DISK

Astatic Corp., The	Conneaut	Ohio
Bryant Computer Prods. Div. Excello Corp	Walled Lake	Mich
Genisco Corp., Sub, Chance Vought	10131 National Blvd, Los Angeles 34	Cal
Gotham Audio Corp	2 W 46 St, New York 36	NY
Lipps Engineering, Edwin A.	1511 Colorado Ave, Santa Monica	Cal
Minn-Honeywell, Industrial Systems Div	10721 Hanna St, Beltsville	Md
Westrex Corp., Div., Litton Industries	540 W. 58 St, New York 19	NY

HEADS–RECORDING, MAGNETIC DRUM (MEMORY)

Applied Magnetics Corp	Box 369, Goleta	Cal
BRUSH INSTRUMENTS DIV. CLEVITE CORP Adv Pgs 144, 145	37th & Perkins, Cleveland 14	Ohio
Bryant Computer Prods. Div. Excello Corp	Walled Lake	Mich
Data Equipment Co	929 E. 3rd St, Los Angeles 13	Cal
EMI-Cossor Electronics Ltd	P. O. Box 525, Dartmouth, Nova Scotia	
Electrodynamic Instrument Corp	1841 Old Spanish Trail, Houston 25	Tex
Electron Ohio Inc	Box 9527, Solon	Ohio
El-Tronics Inc	20 S. 15th St, Philadelphia 2	Pa
Emertron Inc	1140 East-West Hwy, Silver Spring	Md
GENERAL CERAMICS DIV. INDIANA GENERAL CORP., Adv Pg 77	Keasbey	NJ
Genisco Corp., Sub, Chance Vought	10131 National Blvd, Los Angeles 34	Cal
HOUSTON INSTRUMENT CORP., Adv Pg 512	Box 22234w, Houston 27	Tex
Idaho Maryland Ind., Inc. Magnetics Div	4310 San Fernando Rd. Glendale	Cal
KEARFOTT DIV., GEN PRECISION INC., Adv Pg 394	Little Falls	NJ
Laboratory for Electronics, Inc	1079 Commonwealth, Boston 15	Mass
Lipps Engineering, Edwin A.	1511 Colorado Ave, Santa Monica	Cal
Lockheed Electronics Co. Info Tech Div	Metuchen	NJ
Magne-Head Div., General Transistor Corp	2660 S La Cienega Blvd, Los Angeles 34	Cal
Michigan Magnetics, Inc	W. 3rd St, Vermontville	Mich
Minn-Honeywell, Industrial Systems Div	10721 Hanna St, Beltsville	Md
Monroe Calculating Machine, Co., Div., Litton Industries	55 Mitchell St, Orange	NJ
Norton Associates, Inc	240 Old Country Rd, Hicksville	NY
Philco Corp. Govt & Ind Div	4700 Wissahickon Ave. Phila 44	Pa
Sage-Croft, Inc	Norwich	NY
Shepherd Industries Inc	103 Park Ave, Nutley 10	NJ
Telectro Industries Corp	35-16 37th St, Long Island City 1	NY
Westrex Corp., Div., Litton Industries	540 W. 58 St, New York 19	NY

HEADS–RECORDING, MAGNETIC TAPE & FILM

1. MULTITRACK (EXCEPT STEREO) 2. SINGLE-TRACK 3. STEREO

Applied Magnetics Corp., 1-2-3	Box 369, Goleta	Cal
Audio-Master Corp., 1-2-3	17 E 45th St. New York 17	NY
Bach Auricon, Inc. 1-2	6904 Romaine St, Hollywood 38	Cal
BRUSH INSTRUMENTS DIV. CLEVITE CORP., 1-2-3 Adv Pgs 144, 145	37th & Perkins, Cleveland 14	Ohio
Clevite-Walco, 1-2-3	60 Franklin St, East Orange	NJ
Coleman Electronics, Inc., 1-2-3	133 E 162nd St, Gardena	Cal
EMI-Cossor Electronics Ltd., 1-2-3	P. O. Box 525, Dartmouth, Nova Scotia	
Electrada Corp., 1-2	11244 Playa St, Culver City	Cal
Electrodynamic Instrument Corp., 1-2-3	1841 Old Spanish Trail, Houston 25	Tex
El-Tronics Inc., 1	20 S. 15th St, Philadelphia 2	Pa
Fidelitone Microwave Inc., 2-3	6415 N Ravenswood Ave. Chicago 26	Ill
Genisco Corp., Sub, Chance Vought, 1-2	10131 National Blvd, Los Angeles 34	Cal
Lipps Engineering, Edwin A., 1-2-3	1511 Colorado Ave, Santa Monica	Cal
Magnavox Co., 1	2131 Bueter Rd, Fort Wayne 4	Ind
Magnecord by M. I., 1-2-3	Box 7509, Tulsa 18	Okla
Magne-Head Div., General Transistor Corp., 1-2-3	2660 S. La Cienega Blvd, Los Angeles 34	Cal
MAICO ELECTRONICS, INC., 1-2-3, Adv Pg 153	21 N 3rd St. Minneapolis 1	Minn
Michigan Magnetics, Inc., 1-2-3	W 3rd St, Vermontville	Mich
Midwestern Instruments, Inc., 1	Box 7509, Tulsa 18	Okla
Minicord Corp. of America, 1-2-3	1912 Atlantic Ave, Atlantic City	NJ
Minn-Honeywell, Industrial Systems Div., 1	10721 Hanna St, Beltsville	Md
Minnesota Mining & Mfg Co. Magnetic Products Div., 1-2-3	900 Bush Ave, St. Paul 6	Minn
Norton Associates, Inc., 1-2-3	240 Old Country Rd, Hicksville	NY
Norbanics Co., Inc., 1-2-3	1017 S. Sixth St, Minneapolis 4	Minn
Pemco Distribution Systems, 2	1900 Northwest Hwy, Chicago 31	Ill
Philips' Gloeilampenfabrieken, N. V., 1-3	Eindhoven	Neth
POTTER INSTRUMENT CO., INC., 1-2 Adv Pg 195	Sunnyside Blvd, Plainview	NY
Radio Corp of America, Electron Tube Div., 1-2-3	415 S 5th St, Harrison	NJ
Robins Industries Corp., 2-3	36-27 Prince St, Flushing 54	NY
SONOTONE CORP., 2-3 Adv Pg 375	Elmsford	NY
SONY CORP., 1-2-3, Adv Pg 261	514 Broadway, New York 12	NY
Stancil-Hoffman Corp., 1-2-3	845 N Highland Ave, Hollywood 38	Cal
Welch Scientific Co., 3	1515 Sedgwick St, Chicago 10	Ill
Westrex Corp., Div., Litton Industries, 1-2-3	540 W. 58 St, New York 19	NY

HEARING AIDS

Audivox, Inc	123 Worcester St, Boston	Mass
Auex Corp	315 W. Adams St, Chicago 6	Ill
Elomay s.p.r.l.	2 av. Wellington, Brussels 18	Belg
MAICO ELECTRONICS INC., Adv Pg 153	21 N 3rd St. Minneapolis 1	Minn
Multitone Electronics Ltd	130 Merton St, Toronto 7	Can
Myers & Sons, Inc., E.A.	175 Valley Brook Rd, Canonsburg	Pa
Nichols & Clark, Inc	321 Newburyport Tnpk, Danvers	Mass
Otarion Listener Corp	Scarborough Park, Ossining	NY
Peffen Co	Rt. 1 & Camp Meeting Rd, Topsfield	Mass
SONOTONE CORP Adv Pg 375	Elmsford	NY
Vicri Corp	2825 Cedar Ave, Minneapolis	Minn
Zenith Radio Corp	6001 Dickens Ave, Chicago 39	Ill

HEARING-AID TUBES See TUBES–HEARING-AID

HEATERS–ELECTRONIC

1. DIELECTRIC
2. INDUCTION
3. FIXTURES & OTHER ASSOCIATED EQUIPMENT

Ajax Magnethermic Corp., 2	3990 Simon Rd. Youngstown 1	Ohio
Budd Electronics Inc., 1-2	43-22 Queens St, Long Island City	NY
Bulow Electric Co. Inc., 3	11000 Capital Ave, Oak Park	Mich
CARBORUNDUM CO. REFRACTORIES DIV., 3, Adv Pgs 104, 105	Perth Amboy	NJ
Cavitron Electron Oscillator Div., Short Wave Pies Farm Co., 1-2	355 N Newport Blvd, Newport Beach	Cal
Cetatron Inc. Chemists, 3	173 Ridge St, Newark 4	NJ
Dieco, Div., Dynamic Engrg Co., 1-2	1903 N. Damen, Chicago 47	Ill
Ecco High Frequency Corp., 2-3	7020 Hudson Blvd, North Bergen	NJ
Electronics Development, Inc., 1-2-3	571 Marylyn Ave, State College	Pa
Enfco Engineering Corp., 1-2-3	Addison	Ill
ETCHOMATIC INC., 3, Adv Pg 528	112 Newton St. Waltham 54	Mass
GENERAL ELECTRODYNAMICS CORP., 1-2, Adv Pg 127	4430 Forest Ln. Garland	Tex
Girdler Process Eqpt Div. Chemetron Corp., 2	2600 W Broadway, Louisville 1	Ky
Induction Heating Corp., 1-2	181 Wythe Ave. Brooklyn 11	NY
Inductron Corp., 1-2-3	55 Needham St, Newton Highlands	Mass
Lindberg Engineering Co., 2-3	2450 W. Hubbard St, Chicago	Ill
McDowell Electronics Inc., 1-2	Box 342, Metuchen	NJ
Mann-Russell Electronics, Inc., 1-3	1401 Thorne Rd, Tacoma 2	Wash
Merit Short Wave Diathermy Co., 1	2758 Whittier Blvd, Los Angeles 23	Cal
Miller Co., L.C., 3	717 Monterey Pass Rd, Monterey Park	Cal
Minn Honeywell, Precision Meter Div., 2	Grenier Field, Manchester	NH
Mydon Mfg Co., 1-3	4522 Brazil St, Los Angeles 39	Cal
Nichols, Ltd., R.H., 1	4544 Dufferin St, Downsview, Ontario, Canada	
Ohio Crankshaft Co., Tocco Div., 2-3	3800 Harvard Ave, Cleveland 5	Ohio
Ommaweg Co. Inc., 1	41 Darcy St, W Hartford 10	Conn
Ontronics Mfg Inc., 3	Box 1473, Penny Pk Sta, Omaha 14	Neb
Phillips Electronics Mfg Co., 1-2	119 Allen Blvd, Farmingdale	NY
Radio Frequency Co., Inc., 1-2-3	44 Park St, Medfield	Mass
Redifon Ltd., 1-2-3	Broomhill Rd, Wandsworth, London SW18	Eng
Reeve Electronics, Inc., 1-2-3	609 W. Lake St, Chicago 6	Ill
Robotron Corp., 1-2-3	21300 W 8 Mile Rd, Detroit 19	Mich
Scientific Electric, Inc., 1-2-3	105-119 Monroe St, Garfield	NJ
Standard Tel. & Cables Ltd., 1-2-3	29 Glasshouse Yard, London	Eng
Thermatron Div., Willcox & Gibbs Sewing Machine Co., 1	214 W 39th St, New York 18	NY
Topp Industries, Inc., 2	5221 W. 102 St, Los Angeles 45	Cal
Trumpet Mfg Co. Inc., 1-2	89-15 Parsons Blvd, Jamaica 32	NY
Ulmer Co., H. W., 2	2941 San Luis Rey Rd. Oceanside	Cal
Wedge Electric, Inc., 2	720 Colfax Ave, Kenilworth	NJ
Weldotron Corp., 1-2-3	341 Frelinghuysen Ave, Newark 12	NJ
Young Brothers Co., 1	1870 Columbus Rd, Cleveland	Ohio

HEATERS -*INFRARED*

Ampere Industries	52 Boston St. Newark 3	NJ
Caig Labs, Inc	46 Stonewood Rd, New Hyde Park	NY
Electric Hotpack Co. Inc	5016 Cottman St. Philadelphia 35	Pa
Electro-Flex Heat Inc	13 Woodbine St. Hartford 6	Conn
Lane Electronics & Mfg. Co. Inc	91 Industrial Ave. Little Ferry	NJ
Miskella Infra-Red Co., The	E. 73rd & Grand Ave, Cleveland 4	Ohio
Research, Inc	P.O. Box 6164, Edina Br, Mpls 24	Minn
Sylvania Elec Prods Inc. Lighting Prods Div	60 Boston St. Salem	Mass
Wiegand Co., Edwin L.	7606 Thomas Blvd, Pittsburgh 8	Pa

HEAT EXCHANGERS

1. AIR-TO-AIR 2. AIR-TO-LIQUID 3. LIQUID-TO-LIQUID

Acoustica Associates, Inc., 1-2-3	10400 Aviation Blvd. Los Angeles 45	Cal
Airflow Co., 2	400 S Stonestreet Ave. Rockville	Md
American-Standard Industrial Div., 2-3	Detroit 32	Mich
APPLIED ELECTRONICS CORP. OF NJ, 2, Adv Pg 518	**22 Center St. Metuchen**	**NJ**
Bertea Corp., 1-2-3	4053 Harlan St, Oakland 8	Cal
Budd Electronics Inc., 1-2-3	43-22 Queens St. Long Island City	NY
Delta-T Semiconductor Cooler Div. Wakefield Eng. Inc., 1	406 Main St. Wakefield	Mass
DeVilbiss Co. Metal Fab. Div., 1-2	5741 Russell St. Detroit 11	Mich
ELECTRO IMPULSE LAB. INC., 2-3, Adv Pg 357	**208 River St. Red Bank**	**NJ**
Engineering Science Div Amer Metal Pdts Co., 1-2-3	2501 S State St. Ann Arbor	Mich
Eugene Engineering Co. Inc., 1	1217 Hyde Park Ave. Hyde Park 36	Mass
Garrett Corp., The, 1-2-3	9851 Sepulveda Blvd, Los Angeles 45	Cal
General American Transportation Corp., 3	135 S. La Salle St, Chicago 3	Ill
HALLICRAFTERS CO., 2-3, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
Heatron Inc., 2-3	333 Eberts La, York	Pa
IMC Magnetics Corp. Eastern Div., 1-2-3	570 Main St. Westbury	NY
Lear-Romec Div., Lear, Inc., 1-2-3	Abbe Rd, Elyria	Ohio
Meridian Metalcraft, Inc., 1-2-3	8739 S Millergrove Dr. Whittier	Cal
Modine Mfg Co., 1-2-3	1610 DeKoven Ave. Racine	Wis
Olympic Products Co. Inc., 1-2-3	3rd Ave. Alpha	NJ
Perflux Corp., 1-2-3	500 W Oklahoma Ave. Milwaukee 7	Wis
Pioneer Industries Div., Alma-York Co., Inc., 1	3455 W. Vickery, Fort Worth 7	Tex
Research, Inc., 2	P.O. Box 6164, Edina Br, Mpls 24	Minn
SIERRA ELECTRONIC CORP., 2 Adv. Pgs. 120, 121	**3885 Bohannon Dr. Menlo Park**	**Cal**
Sorensen Industrial Electronic Co., 3	Rt 10, Dover	NJ
STANDARD CABINET CO., INC., 1-2-3, Adv Pg 9	**57 Washington Ave. Carlstadt**	**NJ**
Tenney Engineering Inc., 1-2-3	1090 Springfield Rd. Union	NJ
Trane Co., 1-2-3	LaCrosse	Wis
United Aircraft Products, Inc., 1-2-3	116 Bolander Ave. Dayton 1	Ohio
U.S. Hoffman Machinery Corp., 1	103 4th Ave, New York 3	NY
Wells Industries Corp., 3	6880 Troost Ave. Hollywood	Cal

HEATING COILS -*INDUCTION* See COILS
HEATING ELEMENTS -*ELECTRIC* See ELEMENTS -*HEATING*
HEAT SINKS -*TRANSISTOR* See SINKS
HEAT SOURCES -*INFRARED* See INFRARED DEVICES
HEAT-TREATING CONTROLS See CONTROLS -*TEMPERATURE*
HEAT-TREATING FURNACES See FURNACES

HEAT TREATING SERVICES

American Gas Furnace Co	130 Spring St, Elizabeth	NJ
Baehr & Co., Soman	636 Greenwich St, New York 14	NY
Engineering Science Div Amer Metal Pdts Co	2501 S State St. Ann Arbor	Mich
HAYES, INC., C. I., Adv Pg 236	**875 Wellington Ave. Cranston 10**	**RI**
Jan Hardware Mfg Co. Inc	38-01 Queens Blvd. Long Island City 1	NY
Kinetics Div, High Vacuum Equipment Corp	2 Churchill Rd. Hingham	Mass
Pyromet Co	395 Industrial Rd, San Carlos	Cal
Ryerson & Son Inc. J T	2558 W 16th St. Chicago 8	Ill

HELMETS -*NOISE-PROTECTIVE*

HERMETICALLY SEALED BUSHINGS See BUSHINGS
HERMETICALLY SEALED INSULATORS See INSULATORS -*FEED THROUGH*
HERMETIC-SEALING MACHINES See MACHINES -*HERMETIC-SEALING*
HERMETIC SEALS See SEALING SERVICES: SEALS -*HERMETIC*
HIGH-FIDELITY A-F AMPLIFIERS See AMPLIFIERS - A-F
HIGH-FIDELITY PHONOGRAPHS See PHONOGRAPHS

HIGH-FIDELITY SYSTEMS

Acro Electronic Products Co	410 Shurs La. Philadelphia 28	Pa
Lansing Sound, Inc., James B	3249 Casitas Ave, Los Angeles 39	Cal
Magnavox Co	2131 Bueter Rd. Fort Wayne 4	Ind
University Loudspeakers Inc	80 S Kensico Ave. White Plains	NY

HIGH-FREQUENCY FURNACES See FURNACES -*HIGH-FREQUENCY*
HIGH-PASS FILTERS See FILTERS
HIGH-PERMEABILITY ALLOYS See ALLOYS -*SPECIAL*
HIGH-PERMEABILITY CORES See CORES -*LAMINATED*
HIGH-POTENTIAL TESTERS See TESTERS -*INSULATION*

HOLDERS

1. CRYSTAL DIODES 3. FUSE
2. CRYSTAL, QUARTZ
See *Also* CLAMPS: CLIPS: FIXTUPFS: FPAMFS

Accurate Electronics Corp., 1-2-3	Box 935G, Elyria	Ohio
ALDEN PRODUCTS CO., 3, Adv Pg 359	**112 N Main St. Brockton 64**	**Mass**
Alpine Electronic Components, 1	Wolcott Rd, Waterbury	Conn
AMERICAN ELECTRONIC LABS. INC., 1, Adv Pg 362	**121 N 7th St. Philadelphia 6**	**Pa**
Atlee Corp. Atlee Components Div., 1-3	8220 Lankershim Blvd. N Hollywood	Cal
Atlee Corp. Atlas Div., 1-3	47 Prospect St. Woburn	Mass
AUGAT BROS. INC., 1-2-3, Adv Pg 112	**33 Perry Ave. Attleboro**	**Mass**
BIRNBACH RADIO CO. INC., 3, Adv Pg 529	**145 Hudson St. New York 13**	**NY**
BRAUN TOOL & INSTRUMENT CO. INC., H., 3 Adv Pg 451	**140 5th Ave. Hawthorne**	**NJ**
BUDD STANLEY CO. INC., 1, Adv Pg 313	**175 Eileen Way, Syosset**	**NY**
BULOVA WATCH CO. INC. ELECTRONICS DIV., 2, Adv Pg 427	**61-10 Woodside Ave. Woodside 77**	**NY**
Diamond Antenna & Microwave Corp., 1	River St, Winchester	Mass
DOUGLAS MICROWAVE CO. INC., 1, Adv Pg 235	**252 E 3rd St. Mt Vernon**	**NY**
Electro-Products Inc., 3	15050 Schaefer Hwy. Detroit 27	Mich
FXR INC., 1, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Fastex Div. Illinois Tool Works, 1	195 Algonquin Rd. Des Plaines	Ill
Garde Mfg. Co., 3	53 John St. Cumberland	RI
Gemex Corp. Industrial Div., 1-3-4	1200 Commerce Ave. Union	NJ
General Microwave Corp., 1	47 Gazza Blvd. Farmingdale	NY
Glass Tite Industries, Inc	725 Branch Ave, Providence 4	RI
Hellerman Canada Ltd., 1	44 Danforth Rd. Scarborough	Ont
Hermetite Corp., 1	100 Ledge Dr. Avon	Mass
Isotronics Inc., 1-2	Rte 46, Lodi	NJ
JONES ELECTRONICS CO INC, M C, SUB BENDIX CORP, 1 Adv Pg 131	**185 N Main St. Bristol**	**Conn**
Kearfott Div. Gen. Precision Inc. Microwave Prods., 1	14844 Oxnard St. Van Nuys	Cal
Keystone Electronics Corp., 1	49 Bleecker St, New York 12	NY
Kulka Electric Corp., 3	633 S Fulton Ave. Mt Vernon	NY
Littelfuse, Inc., 3	1865 Miner St, Des Plaines	Ill
Loral Electronics Corp., 2	825 Bronx River Ave. New York 72	NY
MASTERITE INDUSTRIES DIV. HOUSTON FEARLESS CORP., 1-2-3, Adv Pg 98	**835 Olive St. Inglewood**	**Cal**
Meridian Metalcraft, Inc., 1	8739 S. Millergrove Dr, Whittier	Cal
MICROLAB, 1, Adv Pg 356	**570 W Mt. Pleasant Ave. Livingston**	**NJ**
Microphase Corp., 1	River Rd. Cos Cob	Conn
Microtech, Inc., 1	Milldale Rd. Cheshire	Conn
Microwave Components, Inc., 1	Doylestown	Pa
Microwave Development Labs. Inc., 1	15 Strathmore Rd. Natick	Mass
Microwave Semiconductor & Inst. Inc., 1	116-06 Myrtle Ave. Richmond Hill 18	NY
N. R. K. Microwave Div. Cook Electric Co., 1	4601 W Addison St. Chicago 41	Ill
NATIONAL RADIO CO., 1-2, Adv Pg 499	**37 Washington St. Melrose 76**	**Mass**
NATIONAL TEL-TRONICS CORP., 3, Adv Pg 537	**52 St Casmir Ave. Yonkers**	**NY**
OMEGA LABORATORIES INC., 1, Adv Pg 226	**Box 309, Rowley**	**Mass**
Piezo Crystal Co., 2	265 E Pomfret St. Carlisle	Pa
RF PRODUCTS DIV. AMPHENOL-BORG ELECTRONICS CORP., 1, Adv Pg 204	**33 E Franklin St. Danbury**	**Conn**
Ratelco, 3	820 Minor Ave. N, Seattle	Wash
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., 3, Adv Pg 37	**411 Providence Tpke, Westwood**	**Mass**
Raytheon Co. Ind Components Div., 3	55 Chapel St. Newton 58	Mass
Sage Laboratories, Inc., 1	3 Huron Dr, Natick	Mass
SHEROLD CRYSTALS INC., 2, Adv Pgs 437, 438	**1410 McGee St. Kansas City**	**Mo**
Sigma Electronics Research Corp., 1	15735 Ambaum Blvd. Seattle 66	Wash
SYNCOR PRODUCTS CO., 2, Adv Pg 514	**30 Eastern Ave. Malden**	**Mass**
TRG Inc., 1	9 Union Sq. Somerville	Mass
Uni Seal Inc., 2	477 North Ave. Garwood	NJ
United Shoe Machinery Corp., 1	140 Federal St. Boston	Mass
Weldon Electronics Inc., 1	4621 W 53rd St. Chicago 32	Ill
Warren Components Div. El-Tronics, 1-2	5 Irvine St. Warren	Pa
Waveline, Inc., 1	P.O. Box 718, Caldwell	NJ

HOLDERS -*LENS, WINDOW OR DIAL GLASS* See BEZELS
HOLDING FIXTURES See FIXTURES -*HOLDING*

HONEYCOMB STRUCTURES

ALBANO CO. INC. HONEYCOMB STRUCTURES DIV., Adv Pg 44	**555 W 54th St. New York 19**	**NY**
Atkins & Merrill, Inc	49 Post Rd, South Sudbury	Mass
Avco Corp., Nashville Div	Box 210, Nashville	Tenn
Bar-Ray Products, Inc	209 25 St, Brooklyn 32	NY
Chu Associates	Box 387, Littleton	Mass
Douglas Aircraft Co., Inc	3000 Ocean Park Ave, Santa Monica	Cal
Dwyer Engineering Co., Inc	Airport Rd, Nashua	NH
Falstrom Co	44 Falstrom Ct. Passaic	NJ
Hexcel Products Inc	2332 4th St. Berkeley 10	Cal
Lantex Industries Inc	Motor Ave. Farmingdale	NY
Molded Insulation Co	335 E Price St. Philadelphia 44	Pa
Summit Industries, Inc	2114 W. Rosecrans Ave, Gardena	Cal

HONING SERVICES See LAPPING & HONING SERVICES

HOODS -*ASSEMBLY, DUST-FREE*

Baker Co. Inc	106 Granite St. Biddeford	Me
Comco Plastics, Inc	98-40 Jamaica Ave. Richmond Hill	NY
Controlled Environment, Inc	59 Pickering St. Needham	Mass
Electronic Enclosures, Inc	3629 Holdrege Ave, Los Angeles 16	Cal
Falstrom Co	44 Falstrom Ct. Passaic	NJ
Kewaunee Scientific Equipment	4015 Logan St. Adrian	Mich

HOOKUP WIRE See WIRE -*HOOKUP*
HORIZONTAL DEFLECTION TRANSFORMERS See TRANSFORMERS -*IRON-CORE, SPECIAL*

HORNS -*SPEAKER PROJECTOR*

Atlas Sound Corp	1443 39th St, Brooklyn 18	NY
Bart Labs & Design Inc	125 Manchester Pl, Newark 4	NJ
Racon Electric Co. Inc	1261 Broadway, New York 1	NY

HORNS -*WAVEGUIDE*

AINSLIE CORP., Adv Pg 408	**531 Pond St. South Braintree 85**	**Mass**
Airtec, Inc	119 E. First Ave, Roselle	NJ
Airtron, Div of Litton Industries	200 E. Hanover Ave, Morris Plains	NJ
Andrew California Corp	941 E Maryland Ave. Claremont	Cal
Bogart Mfg Corp	315 Seigel St. Brooklyn 6	NY
BUDD STANLEY CO. INC., Adv Pg 313	**175 Eileen Way, Syosset**	**NY**
Chu Associates	Box 387, Littleton	Mass
DeMORNAY-BONARDI CORP., Adv. Pgs. 178, 179	**780 S Arroyo Pkwy. Pasadena**	**Cal**
Diamond Antenna & Microwave Corp	River St, Winchester	Mass
Dielectric Products Engrg. Co. Inc	Raymond	Me
DOUGLAS MICROWAVE CO. INC., Adv Pg 235	**252 E 3rd St. Mt Vernon**	**NY**
FXR INC., Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Frequency Standards Div. Harvard Industries Inc	Box 504, Asbury Park	NJ
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
Gilfillan Bros., Inc	1815 Venice Blvd, Los Angeles 6	Cal
Instrument Systems Corp	129-07 18th Ave, College Point 56	NY
Kearfott Div. Gen. Precision Inc. Microwave Prods	14844 Oxnard St. Van Nuys	Cal
M.C.S. Corp	1001 S Mountain Ave. Monrovia	Cal
Meridian Metalcraft, Inc	8739 S. Millergrove Dr, Whittier	Cal
Microtech, Inc	Milldale Rd, Cheshire	Conn
Microwave Components, Inc	Doylestown	Pa
MICROWAVE CORP. OF AMERICA, Adv Pg 462	**P.O. Box 278, Stamford**	**Conn**
Microwave Development Labs. Inc	15 Strathmore Rd. Natick	Mass
Narda Microwave Corp	Plainview	NY
Nichols Products Co	323 W Main St. Moorestown	NJ
OMEGA LABORATORIES INC., Adv Pg 226	**Box 309, Rowley**	**Mass**
RADAR DESIGN CORP Adv Pg 471	**Pickard Dr. Syracuse 11**	**NY**
RADAR MEASUREMENTS CORP Adv Pg 516	**190 Duffy Ave. Hicksville**	**NY**
Sage Laboratories, Inc	3 Huron Dr, Natick	Mass
Smith Mfg. Co., J&H	Little Britain Rd, Newburgh	NY
Sperry Microwave Electronics Co	P.O. Box 1828, Clearwater	Fla
TELERAD DIV. LIONEL CORP., Adv Pgs 220, 221	**Rt 69, Flemington**	**NJ**
United Shoe Machinery Corp	140 Federal St. Boston	Mass
Victor R.F. & Microwave Co	[illegible]	Mass
Waveline, Inc	P.O. Box 718, Caldwell	NJ
Wiley Electronic Products Co	2045 W Cheryl Dr. Phoenix	Ariz

HOT-STAMPING MACHINES See MACHINES -*HOT-STAMPING*

HOUSINGS -*ANTENNA*

AINSLIE CORP., Adv Pg 408	**531 Pond St. South Braintree 85**	**Mass**
Andrew California Corp	941 E Maryland Ave. Claremont	Cal
Atkins & Merrill Inc	49 Post Rd. S Sudbury	Mass
Chu Associates	Box 387, Littleton	Mass
Dielectric Products Engrg. Co. Inc	Raymond	Me
DOUGLAS MICROWAVE CO. INC., Adv Pg 235	**252 E 3rd St. Mt Vernon**	**NY**
Electrada Corp	11244 Playa St. Culver City	Cal
Emerson Plastics Corp	[illegible] 61	NY
Falstrom Co	44 Falstrom Ct. Passaic	NJ
I. E. Manufacturing	3041 Carroll, Chicago 12	Ill
SERVO CORP OF AMERICA, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Silicone Insulation, Inc	1385 Seabury Ave. Bronx 61	NY
Summit Industries, Inc	2114 W. Rosecrans Ave, Gardena	Cal
Swenson Co., Inc., V.H.	552 Elm St, Kearny	NJ
TELERAD DIV. LIONEL CORP., Adv Pgs 220, 221	**Rt 69, Flemington**	**NJ**
United Shoe Machinery Corp	140 Federal St. Boston	Mass

HOUSINGS -*DIODE & TRANSISTOR* See CASES
HOUSINGS -*INSTRUMENT, RADIO, TV, ETC.* See CABINETS: CASES -*PORTABLE*

HOUSINGS -*IRON-CORE TRANSFORMERS*

Cycle Products Co. Inc	123 Central Ave. Newark 2	NJ
Hammond Mfg. Co. Ltd	Guelph	Ont
Kinetron Corp	Shrewsbury & Patterson, Red Bank	NJ
Nelson Electric Mfg Co	Box 5365, Tulsa 16	Okla

HOUSINGS -*METAL, SMALL* See CANS

HOUSINGS -*METER MOVEMENT* See *Also* CASES -*PORTABLE*

Falstrom Co	44 Falstrom Ct. Passaic	NJ
Molex Products Co	5615 Southview Ave. Brookfield	Ill
Nelson Electric Mfg Co	Box 5365, Tulsa 16	Okla
PREMIER METAL PRODUCTS CO Adv Pg 314	**337 Manida St. Bronx 59**	**NY**
STAFFORD MFG. CO. INC., Adv Pg 124	**145 58th St. Brooklyn 20**	**NY**

HOUSINGS -*PLUG-IN*

ALDEN PRODUCTS CO., Adv Pg 359	**112 N Main St. Brockton 64**	**Mass**
CHURCHILL LIGHTING CORP., Adv Pg 533	**344 Franklin St. Melrose 76**	**Mass**
Cycle Products Co. Inc	123 Central Ave. Newark 2	NJ
NAVIGATION COMPUTER CORP., Adv Pg 511	**Valley Forge Ind Park, Norristown**	**Pa**
Nelson Electric Mfg Co	Box 5365, Tulsa 16	Okla

HOUSINGS -*SPEAKER* See BAFFLES
HUMIDITY CHAMBERS See CHAMBERS
HUMIDITY CONTROLS See CONTROLS -*HUMIDITY*
HUMIDITY INDICATORS See INDICATORS -*HUMIDITY*
HUMIDITY RECORDERS See RECORDERS -*HUMIDITY*
HUTS See SHELTERS
HYBRID AUTO RADIOS See RECEIVERS -*RADIO, ENTERTAINMENT*

HYBRID JUNCTIONS -*MICROWAVE*

A G A Corp	1200 Duke St. Alexandria	Va
AINSLIE CORP., Adv Pg 408	**531 Pond St. South Braintree 85**	**Mass**
Airtec, Inc	119 E. First Ave, Roselle	NJ
Airtron, Div of Litton Industries	200 E. Hanover Ave, Morris Plains	NJ
ALFORD MFG. CO., Adv Pg 78	**299 Atlantic Ave. Boston**	**Mass**
Andrew California Corp	941 E Maryland Ave. Claremont	Cal
ANZAC ELECTRONICS INC., Adv Pg 450	**Cannondale**	**Conn**
Bart Labs & Design Inc	125 Manchester Pl, Newark 4	NJ
Bogart Mfg. Corp	315 Seigel St. Brooklyn 6	NY
BUDD STANLEY CO. INC., Adv Pg 313	**175 Eileen Way, Syosset**	**NY**
C W S Waveguide Corp	[illegible] Hoffman Ave, Lindenhurst	NY
CONTROL ELECTRONICS CO. INC., Adv Pg 444	**10 Stepar Pl. Huntington Sta**	**NY**
DeMORNAY-BONARDI CORP., Adv. Pgs. 178, 179	**780 S Arroyo Pkwy. Pasadena**	**Cal**
Diamond Antenna & Microwave Corp	River St, Winchester	Mass
DOUGLAS MICROWAVE CO. INC., Adv Pg 235	**252 E 3rd St. Mt Vernon**	**NY**
E & M Laboratories	15145 Califa St. Van Nuys	Cal
Electrada Corp	11244 Playa St. Culver City	Cal
FXR INC., Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Frequency Standards, Div., Harvard Industries, Inc	P.O. Box 504, Asbury Park	NJ
General Antenna & Film Corp., [illegible]	[illegible], Binghamton	NY
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
Kearfott Div. Gen. Precision Inc. Microwave Prods	14844 Oxnard St. Van Nuys	Cal
Laboratory For Electronics, Inc	1079 Commonwealth Ave. Boston 15	Mass
LIECO INC., Adv Pg 398	**150 Eileen Way, Syosset**	**NY**
M.C.S. Corp	1001 S Mountain Ave. Monrovia	Cal
Meridian Metalcraft, Inc	8739 S. Millergrove Dr, Whittier	Cal
Merrimac Research & Dev. Inc	517 Lyons Ave. Irvington	NJ
MICROLAB, Adv Pg 356	**570 W Mt. Pleasant Ave. Livingston**	**NJ**
Microphase Corp	River Rd. Cos Cob	Conn
Microtech, Inc	Milldale Rd, Cheshire	Conn
Microwave Components, Inc	Doylestown	Pa
Microwave Development Labs. Inc	15 Strathmore Rd. Natick	Mass
Microwave Semiconductor & Inst. Inc	116-06 Myrtle Ave. Richmond Hill 18	NY
Narda Microwave Corp	Plainview	NY
OMEGA LABORATORIES INC., Adv Pg 226	**Box 309, Rowley**	**Mass**
RADAR MEASUREMENTS CORP Adv Pg 516	**190 Duffy Ave. Hicksville**	**NY**
Rantec Corp	23999 Ventura Blvd. Calabasas	Cal

Sage Laboratories, Inc	3 Huron Dr, Natick	Mass
Schutter Microwave Corp	80 E Montauk Hwy, Lindenhurst	NY
Sperry Microwave Electronics Co	P.O. Box 1828, Clearwater	Fla
TELERAD DIV. LIONEL CORP., Adv Pgs 220, 221	**Rt 69, Flemington**	**NJ**
Turbo Machine Co	161 N. Main St, Lansdale	Pa
United Shoe Machinery Corp	140 Federal St. Boston	Mass
Varian Associates	611 Hansen Way, Palo Alto	Cal
Victor R.F. & Microwave Co	28 W Water St, Wakefield	Mass
Waveline, Inc	P.O. Box 718, Caldwell	NJ

HYDROGEN THYRATRONS See TUBES–*THYRATRON*

HYDROPHONES

Acoustica Associates, Inc	10400 Aviation Blvd. Los Angeles 45	Cal
Atlantic Research Corp	Shirley Hwy at Edsall Rd, Alexandria	Va
Chesapeake Instrument Corp	100 Atwell Rd, Shadyside	Md
Mandrel Industries Inc	5134 Glenmont, Houston 36	Tex
Minn-Honeywell, Ceramics Lab	Box 441, Minneapolis 40	Minn
Minn-Honeywell, Military Prods Gr	2600 Ridgway Rd, Minneapolis 13	Minn
Solar Mfg. Corp	4553 Seville Ave, Los Angeles 58	Cal
Wurlitzer Co	North Tonawanda	NY

ICING INDICATORS See INDICATORS–*ICING*
I-F AMPLIFIERS See AMPLIFIERS–I-F
I-F ATTENUATORS See ATTENUATORS
IGNITION SHIELDING See SHIELDING

IGNITION SYSTEMS–*ELECTRONIC*

Co-Operative Industries, Inc	100 Oakdale Rd. Chester	NJ
Del Mar Engineering Labs. Inc	6901 Imperial Hwy. Los Angeles 45	Cal
Electric Auto-Lite Co	Champlain St. Toledo 1	Ohio
Engineer-Design & Development Co	60 Pennington St. Newark 2	NJ
Enton Engineering Corp	Addison	Ill
General Laboratory Assoc. Inc	19 E Railroad St. Norwich	NY
Industrial Control Co	Central Ave. at Pinelawn, Farmingdale	NY
Modelectric Products Corp	15 Bangs Ave. Asbury Park	NJ
PCA ELECTRONICS INC., Adv Pg 200	**16799 Schoenborn St. Sepulveda**	**Cal**
Performance Measurements Co	15120 3rd Ave. Detroit 3	Mich
Topper Mfg Co. Inc	84-56 Parsons Blvd. Jamaica 32	NY
Transonic Inc	808 16th St. Bakersfield	Cal
TUNG-SOL ELECTRIC INC., Adv Pgs 158, 159	**1 Summer Ave. Newark 4**	**NJ**

IGNITRONS See TUBES–*IGNITRON*
ILLUMINATION CONTROLS See CONTROLS–*PHOTOELECTRIC*
ILLUMINATION INDICATORS See METERS–*LIGHT*
IMAGE SCANNERS See SCANNERS–*IMAGE*
IMPACT SWITCHES See SWITCHES–*AUTOMATICALLY OPERATED, INERTIA*
IMPEDANCE BRIDGES See BRIDGES
IMPEDANCE COMPARATOR BRIDGES See COMPARATORS
IMPEDANCE METERS See BRIDGES
IMPEDANCE PLOTTERS See RECORDERS–*IMPEDANCE*

IMPREGNANTS–*INSULATING*

Biwax Industries, Inc	192 Pleasant St, Watertown 72	Mass
Biggs Co., Inc. Carl H.	Dept EB, 1547 14 St. Santa Monica	Cal
Elwin Corp	3445 Howard St, Skokie	Ill
Carnegie Inc. Chemicals	173 Ridge St. Newark 4	NJ
Coast Pro-Seal & Mfg. Co	2235 Beverly Blvd, Los Angeles 57	Cal
Dow Corning Corp	Midland	Mich
Electronic Service Corp	2906 Birch St, Franklin Park	Ill
Emerson & Cuming, Inc	869 Washington St. Canton	Mass
Fenchem Resins Co	221 Oak St. Providence 9	RI
Koppers Co., Inc	Koppers Bldg, Pittsburgh 19	Pa
Magic Chemical Co	121 Crescent St. Brockton	Mass
Marblette Corp	37-31 30th St. Long Island City 1	NY
Minnesota Mining & Mfg Co. Electrical Tapes	900 Bush Ave. St Paul 6	Minn
Mitchell Rand Mfg. Corp	51 Murray St, New York 7	NY
Nemo Labs, Inc	8 Lawrence St. Belleville 7	NJ
Silicones Div. UCC	270 Park Ave, New York 17	NY
Topper Mfg Co. Inc	84-56 Parsons Blvd. Jamaica 32	NY

IMPREGNATING MACHINES See MACHINES–*IMPREGNATING*
IMPULSE COUNTERS See COUNTERS–*ELECTRONIC*
IMPULSE GENERATORS See GENERATORS–*SIGNAL, PULSE*
IMPULSE TIMERS See TIMERS–*ELECTRONIC*
INCANDESCENT LAMPS See LAMPS
INDEXING HEADS See HEADS–*INDEXING, ROTARY*
INDICATING MATERIALS–*FLAW, STRAIN & TEMPERATURE* See MATERIALS–*INSPECTION AND PROCESS CONTROL*
INDICATORS–*AIRCRAFT FLIGHT PANEL* See AIRCRAFT EQUIPMENT
INDICATORS–*ANNUNCIATOR* See ANNUNCIATORS

INDICATORS–*ANTENNA POSITION*

AINSLIE CORP., Adv Pg 404	**531 Pond St. South Braintree 85**	**Mass**
Antlab, Inc	6330 Proprietors Rd, Worthington	Ohio
BENDIX CORP. MONTROSE DIV., Adv Pg 372	**South Montrose**	**Pa**
Central Equipment Corp	19 Kearney Rd, Needham Heights 94	Mass
CORNELL-DUBILIER ELECTRONICS DIV. FED PACIFIC ELEC CO., Adv Pgs 148, 149	**50 Paris St. Newark 1**	**NJ**
GB Electronics Corp. Sub. Gen Bronze Corp	711 Stewart Ave. Garden City	NY
General Aniline & Film Corp., Ansco Div	Vestal Pkwy E., Binghamton	NY
General Controls Co	801 Allen Ave. Glendale 1	Cal
Giffiths Bros., Inc	1815 Venice Blvd, Los Angeles 6	Cal
[illegible] Corp	9107 Wilshire Blvd. Beverly Hills	Cal
Smith Mfg. Co., J&H	Little Britain Rd, Newburgh	NY
Telrex Labs	Asbury Park	NJ
United Shoe Machinery Corp	140 Federal St. Boston	Mass
West Coast Research Corp	2102 S. Sepulveda Blvd, Los Angeles	Cal
WIND TURBINE CO., Adv Pg 388	**E Market St. West Chester**	**Pa**

INDICATORS–*ARCBACK*

FXR INC., Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
RIXON ELECTRONICS INC., Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
Walkirt Co	141 W. Hazel St. Inglewood 3	Cal

INDICATORS–*CAPACITOR-LEAKAGE* See TESTERS–*CAPACITOR*

INDICATORS–*CONDUCTIVITY*

Bailey Meter Co	1050 Ivanhoe Rd. Cleveland 10	Ohio
Bristol Co	Box 1790 EBG, Waterbury 20	Conn
Evershed & Vignoles Ltd	Chiswick, London W. 4, England	
Fischer & Porter Co	416 Warminster Rd, Warminster	Pa
Foxboro Co., The	Foxboro	Mass
Hagan Chemicals & Controls, Inc	Hagan Center, Pittsburgh 30	Pa
Industrial Instruments, Inc	89 Commerce Rd, Cedar Grove	NJ
Magnaflux Corp	7300 W Lawrence Ave. Chicago 31	Ill
Mine Safety Appliances Co	203 N Braddock Ave. Pittsburgh	Pa
Thermovolt Instruments Ltd	70 Advance Rd. Toronto 18	Ont
Unit Process Assemblies Inc	53-15 37th Ave. Woodside 77	NY
Wayne Kerr Corp	1633 Race St. Philadelphia 3	Pa

INDICATORS–*DENSITY* See DENSITOMETERS

INDICATORS–*DEW-POINT*

American Instrument Co., Inc	8030 Georgia Ave, Silver Spring	Md
Bristol Co	Box 1790 EBG, Waterbury 20	Conn
Conrad-Carson Electronics Inc	1347 Broadway, El Cajon	Cal
Foxboro Co., The	Foxboro	Mass
Hill & Co., E. Vernon	P.O. Box 189, Lake Geneva	Wisc
Kahl Scientific Instrument Corp	737 W Main St. El Cajon	Cal
Mine Safety Appliances Co	203 N Braddock Ave. Pittsburgh	Pa
Thermovolt Instruments, Ltd	70 Advance Rd, Toronto 18, Ontario, Canada	
West Coast Research Corp	2102 S. Sepulveda Blvd, Los Angeles	Cal

INDICATORS–*DIELECTRIC-CONSTANT* See TESTERS–*CAPACITOR*

INDICATORS–*DIGITAL*

1. LAMP-TYPE 2. MOVING SCALE OR DIAL 3. TUBE-TYPE

Adcole Corp., 1-3	186 Massachusetts Ave. Cambridge 39	Mass
Admiral Corp., 2	3800 W Cortland St. Chicago 47	Ill
Aerolite Electronics Corp., 1	2207 Summit Ave. Union City	NJ
Aldislite, 1	80 Shore Rd. Port Washington	NY
Allard Instrument Corp., 2	146 E 2nd St. Mineola	NY
Avien, Inc., 2	58-15 Northern Blvd. Woodside 77	NY
Burroughs Corp. Electronic Components Div., 1-3	Box 1226, Plainfield	NJ
C&K Components, Inc., 1	101-103 Morse St, Newton 58	Mass
Carling Electric, Inc., 1	505 New Park Ave. West Hartford 10	Conn
Chatillon & Sons, John, 2	85 Cliff St. New York 38	NY
Communications Control Corp., 1	14707 Keswick St. Van Nuys	Cal
Compu Dyne Corp., 1	400 S Warminster Rd. Hatboro	Pa
Courter Products Div. Model Eng. & Mfg. Inc., 2	Boyne City	Mich
Data Equipment Co., 1-2-3	923 E. 3rd St, Los Angeles 13	Cal
DIALIGHT CORP., 1, Adv Pg 533	**60 Stewart Ave. Brooklyn 37**	**NY**
Di-Tran Corp., 1	11307 Hindry Ave, Los Angeles 45	Cal
Dymec Div. Hewlett - Packard Co., 1-3	395 Page Mill Rd. Palo Alto	Cal
Electro Instruments, Inc., 1	8611 Balboa Ave. San Diego 11	Cal
Electronic Products Mfg. Co. Inc., 1	S 110 Scott St. Spokane 3	Wash
ENGINEERED ELECTRONICS CO., 1, Adv Pg 326	**1441 E Chestnut Ave. Santa Ana**	**Cal**
ERIE-PACIFIC DIV. ERIE RESISTOR CORP., 3, Adv Pg 206	**12932 S Weber Way, Hawthorne**	**Cal**
General Dynamics Electronics, Info Tech Div., 3	1856 Hancock St. San Diego 12	Cal
General Electric Co. Heavy Military Electronics Dept., 1	Court St. Syracuse	NY
General Electric Co. Light Military Electronics Dept., 1-2-3	French Rd. Utica	NY
General Plastics Corp., 2	55 La France Ave. Bloomfield	NJ
Genesys Corp., Sub, Chance Vought, 1	10131 National Blvd, Los Angeles 34	Cal
Gilmore Industries, Inc., 2	13015 Woodland Ave. Cleveland 20	Ohio
I.D.E.A., Inc., 1	7900 Pendleton Pike, Indianapolis 26	Ind
H-L-S Instrument Div., Manco Instrument Co., 1	4525 W. 160th St, Cleveland 35	Ohio
INDUSTRIAL ELECTRONIC ENGINEERS, INC., 1, Adv. Pgs. 462, 496, 554	**5528 Vineland Ave. North Hollywood**	**Cal**
Instrument Systems Corp., 2	129-07 18th Ave, College Point 56	NY
KIN TEL DIV. COHU ELECTRONICS, 1, Adv Pgs 244, 245, 247	**5725 Kearny Villa Rd. San Diego 12**	**Cal**
Korry Mfg. Co., 1	223 8th Ave. N, Seattle 9	Wash
Land-Air, Inc., 1	7444 W. Wilson Ave, Chicago 31	Ill
Lear Inc., 2	3171 S Bundy Dr. Santa Monica	Cal
Magnavox Co., 2	2131 Bueter Rd. Fort Wayne 4	Ind
Marco Industries Co., 1	207 S. Helena St, Anaheim	Cal
Marquardt Corp., Pomona Div., 3	2709 N. Garey Ave, Pomona	Cal
Milgo Electronic Corp., 1	7620 N.W. 36th Ave, Miami 47	Fla
Millman Engineering Co., Inc., 1	1831 Pontius Ave, Los Angeles 25	Cal
Monroe Industries Inc., 1	932 36 St. SE, Grand Rapids 8	Mich
National Union Electric Corp., 3	Bloomington	Ill
NAVIGATION COMPUTER CORP., 1, Adv Pg 511	**Valley Forge Ind Park, Norristown**	**Pa**
NAYBOR LABS. INC., E. V., 2, Adv Pg 538	**26 Manorhaven Blvd. Port Washington**	**NY**
NON-LINEAR SYSTEMS INC., 1, Adv. Pgs. 334, 335	**P O Box 728, Del Mar**	**Cal**
Ortronix, Inc., 1	Forsythe Rd. Dr. 8217, Orlando	Fla
Oster Mfg Co. John, Avionics Div., 2	1 N Main St. Racine	Wis
Partrick & Wilkins Co., 1	53 N. Seventh St, Philadelphia	Pa
Patwin, Div., Patent Button Co., 2	41 Brown St, Waterbury 20	Conn
Penn Keystone Corp., 1	Box 350, Derby	Conn
PENNWOOD NUMECHRON CO., 2 Adv Pg 550	**7249 Frankstown Ave. Pittsburgh 8**	**Pa**
Performance Measurements Co., 2	15120 3rd Ave. Detroit 4	Mich
Raytheon Co. Ind Components Div., 1	55 Chapel St. Newton 58	Mass
Robotomics Enterprises, Inc., 1	2422 E Indian School Rd. Phoenix 16	Ariz
Secode Corp., 1	555 Minnesota St. San Francisco 7	Cal
Servo Development Corp., 2	2 Willis Ct. Hicksville	NY
Servomechanisms/Inc., 2	200 N Aviation Blvd. El Segundo	Cal
Signal Indicator Corp., 1	42 Stewart Ave. Brooklyn 37	NY
Smith, Inc. Herman H., 1	2326 Nostrand Ave. Brooklyn 10	NY
Solartron, Inc., 1	1742 S. Zeyn St, Anaheim	Cal
Standard Tel. & Cables Ltd., 3	29 Glasshouse Yard, London	Eng
Streeter-Amet Co., 2	Grayslake	Ill
Sun Electric Co., 1	6323 Avondale St. Chicago 31	Ill
Sylvania Elec Prods Inc. Lighting Prods Div., 1	60 Boston St. Salem	Mass
Sylvania Photolamp & Special Products, 1	60 Boston St. Salem	Mass
Thermo Electric Co. Inc., 2	109 5th St. Saddle Brook	NJ
Transistor Electronics Corp., 1	3357 Republic Ave, Minneapolis 26	Minn
Troxler Labs., 2	Box 5253, Raleigh	NC
Union Switch & Signal Div. Westinghouse Air Brake Co., 2	Pittsburgh 18	Pa
Walkirt Co., 1-3	141 W Hazel St. Inglewood 3	Cal
Wang Laboratories, Inc., 1-3	12 Huron Dr. Natick	Mass
WHEELER ELECTRONIC CORP. SUB. SPERRY RAND CORP., 2, Adv Pg 490	**150 E Aurora St. Waterbury 20**	**Conn**

INDICATORS–*FILM-THICKNESS* See INDICATORS–*THICKNESS*

INDICATORS–*FLUID-FLOW*

Acme Industrial Co	202 N. Laflin St, Chicago	Ill
American Measurement & Control Inc	241 Calvary St. Waltham 54	Mass
ANADEX INSTRUMENTS, INC, Adv Pg 435	**14734 Arminta St. Van Nuys**	**Cal**
Avien, Inc	58-15 Northern Blvd. Woodside 77	NY
Bailey Meter Co	1050 Ivanhoe Rd, Cleveland 10	Ohio
BENDIX CORP. MONTROSE DIV., Adv Pg 372	**South Montrose**	**Pa**
Bristol Co	Box 1790 EBG, Waterbury 20	Conn
Compu Dyne Corp	400 S Warminster Rd. Hatboro	Pa
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
Decker Corp	45 Monument Rd. Bala Cynwyd	Pa
Del Mar Engineering Labs. Inc	6901 Imperial Hwy. Los Angeles 45	Cal
Dietz Co., Inc., Henry G.	12-16 Astoria Blvd, Long Island City 2	NY
Ellison Draft Gage Co., Inc	546 W. Monroe St, Chicago	Ill
Epsco Medical Div., Epsco Inc	275 Massachusetts Ave, Cambridge 39	Mass
ERIE-PACIFIC DIV. OF ERIE RESISTOR CORP., Adv Pg 206	**12932 S Weber Way, Hawthorne**	**Cal**
Evershed & Vignoles Ltd	Chiswick, London W. 4, England	
Fischer & Porter Co	416 Warminster Rd, Warminster	Pa
Flow Measurements Corp	10406 Wheatley St, Kensington	Md
Foxboro Co., The	Foxboro	Mass
GPE Controls, Inc	240 E. Ontario St, Chicago 11	Ill
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
Gilmore Industries, Inc	13015 Woodland Ave, Cleveland 20	Ohio
Hagan Chemicals & Controls Inc	Hagan Center, Pittsburgh 30	Pa
Hickok Electrical Instrument Co	10532 Dupont Ave. Cleveland 8	Ohio
HOWELL INSTRUMENTS INC., Adv Pg 358	**3479 W Vickery Blvd. Fort Worth 7**	**Tex**
Kahn & Co. Inc	885 Wells Rd. Wethersfield	Conn
Lear Inc	3171 S Bundy Dr. Santa Monica	Cal
Leupold & Stevens Instruments Inc	4445 NE Glisan St. Portland	Ore
Liquidometer Corp	41-03 36th St. Long Island City 1	NY
Matheson Co. Inc	932 Paterson Plank Rd. East Rutherford	NJ
MODEL ENG. & MFG. CORP., Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
National Instrument Labs., Inc	826 Evarts St N.E., Washington	DC
OPW-Jordan, Div Dover Corp	6013 Wiehe Rd. Cincinnati 13	Ohio
Olympic Radio & TV Div. Siegler Corp	34-01 38 Ave. Long Island City 1	NY
Oster Mfg. Co., John, Avionics Div	1 N. Main St, Racine	Wisc
Performance Measurements Co	15120 Third Ave, Detroit 3	Mich
Phillips Electronics Mfg Co	119 Allen Blvd. Farmingdale	NY
Potter Aeronautical Corp	Rt 22, Union	NJ
Raytheon Co. Govt Mktg	Lexington 73	Mass
Revere Corp of America Sub., Neptune Meter Co	Wallingford 2	Conn
SHAPIRO & EDWARDS, Adv Pg 512	**1130 Mission St. South Pasadena**	**Cal**
Simmonds Precision Prods Inc	105 White Plains Rd. Tarrytown	NY
Spectrol Electronics Corp	1704 S Del Mar, San Gabriel	Cal
Stanley Aviation Corp	2501 Dallas St, Denver 8	Colo
Sun Electric Co	6323 Avondale St. Chicago 31	Ill
Taylor Instrument Cos	95 Ames St. Rochester	NY
Thermovolt Instruments Ltd	70 Advance Rd. Toronto 18	Ont
Waber Electronics, Inc	Hancock & Somerset, Philadelphia 33	Pa
Wallace & Tiernan, Inc	25 Main St, Belleville 9	NJ
Waugh Engineering Co	7842 Burnet Ave, Van Nuys	Cal
West Coast Research Corp	2102 S. Sepulveda Blvd, Los Angeles	Cal

INDICATORS–*FREQUENCY* See METERS–*FREQUENCY*

INDICATORS–*HARDNESS*

Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
Magnaflux Corp	7328 W Lawrence Ave. Chicago 31	Ill
Sheffield Corp. Sub Bendix Corp	Box 893, Dayton 1	Ohio

INDICATORS–*HUMIDITY, ELECTRONIC*

American Instrument Co., Inc	8030 Georgia Ave, Silver Spring	Md
Bristol Co	Box 1790 EBG, Waterbury 20	Conn
Communications Control Corp	14707 Keswick St. Van Nuys	Cal
Conrad-Carson Electronics Inc	1347 Broadway, El Cajon	Cal
Data Equipment Co	923 E. 3rd St. Los Angeles 13	Cal
El-Tronics Inc	20 S. 15th St, Philadelphia 2	Pa
Foxboro Co., The	Foxboro	Mass
Hickok Electrical Instrument Co	10532 Dupont Ave. Cleveland 8	Ohio
Hill & Co. E. Vernon	Box 189, Lake Geneva	Wis
Kahl Scientific Instrument Corp	737 W Main St. El Cajon	Cal
Kahn & Co. Inc	885 Wells Rd. Wethersfield	Conn
Labline, Inc	3070 W Grand Ave. Chicago 22	Ill
Minn-Honeywell, Aero Controls Div	2753 4th Ave. S, Minneapolis 8	Minn
Olympic Radio & TV Div. Siegler Corp	34-01 38 Ave. Long Island City 1	NY
Parks Lab., Henry F.	Box 1665, Lake City Sta, Seattle	Wash
Royco Instruments Inc	440 Olive St. Palo Alto	Cal
Serdex Inc	12 Bowdoin Square, Boston	Mass
Thermo Electric Co. Inc	109 5th St. Saddle Brook	NJ
Thermovolt Instruments Ltd	70 Advance Rd. Toronto 18	Ont
Topper Mfg Co. Inc	84-56 Parsons Blvd. Jamaica 32	NY
Troxler Labs	Box 5253, Raleigh	NC
Warren Components Div., El-Tronics	S. Irvine St, Warren	Pa
Wells Industries Corp	6880 Troost Ave. Hollywood	Cal
West Coast Research Corp	2102 S. Sepulveda Blvd, Los Angeles	Cal

INDICATORS–*ICING*

American Instrument Co., Inc	8030 Georgia Ave, Silver Spring	Md
Conrad-Carson Electronics Inc	1437 Broadway, El Cajon	Cal
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
WIND TURBINE CO., Adv Pg 388	**E Market St. West Chester**	**Pa**

INDICATORS–*ILLUMINATION* See METERS–*LIGHT*

INDICATORS–*LEVEL*

1. DRY MATERIALS 2. LIQUIDS

Acoustica Associates, Inc., 1-2	10400 Aviation Blvd. Los Angeles 45	Cal
Aircraft Instruments Co., 2	King of Prussia Rd at Montgomery Ln, Radnor	Pa
American Research & Mfg. Corp., 2	920 Halpine Ave. Rockville	Md
Atlee Corp. Molutor Controller Div., 2	99 Grove St. Rockland	Mass
Automatic Timing & Controls, Inc., 1-2	King of Prussia	Pa
Automation Products, Inc., 1-2	3030 Max Roy St, Houston 24	Tex
Avien, Inc., 2	58-15 Northern Blvd. Woodside 77	NY
Bailey Meter Co., 2	1050 Ivanhoe Rd. Cleveland 10	Ohio

ague Electric Mfg. Co	52 Iowa Ave, Paterson 3	NJ
ranson Instruments Inc., 2	37 Brown House Rd. Stamford	Conn
reeze Corps., Inc., 2	700 Liberty Ave, Union	NJ
ristol Co., 2	Box 1790 EBG, Waterbury 20	Conn
ompu Dyne Corp., 1-2	400 S Warminster Rd. Hatboro	Pa
onrad-Carson Electronics Inc., 2	1437 Broadway, El Cajon	Cal
onsolidated Airborne Systems, 2	900 3rd Ave. New Hyde Park	NY
URTISS-WRIGHT CORP. PRINCETON DIV., 1-2, Adv Pgs 382, 426, 494	**Princeton**	**NJ**
utler-Hammer Inc., 2	411 N 12th St. Milwaukee 1	Wis
eitz Co., Inc., Henry G., 1-2	12-16 Astoria Blvd, Long Island City 2	NY
lectronic Cable Corp., 2	126 Jackson St. Cambridge 40	Mass
lectronic Control Corp., 2	1573 E. Forest St, Detroit 7	Mich
vershed & Vignoles Ltd., 2	Chiswick, London W 4	Eng
ischer & Porter Co., 2	476 Warminster Rd, Warminster	Pa
low Measurements Corp., 2	10508 Wheatley St. Kensington	Md
ord Instrument Co., Div., Sperry Rand Corp., 2	31-10 Thomson Ave, Long Island City 1	NY
oxboro Co., The, 2	Foxboro	Mass
eneral Controls Co., 2	801 Allen Ave. Glendale 1	Cal
ENERAL ELECTRIC CO. APPARATUS SALES, 2, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
eneral Ultrasonics Co., 2	67 Mulberry St, Hartford 3	Conn
ilmore Industries, Inc., 1-2	13015 Woodland Ave. Cleveland 20	Ohio
agan Chemicals & Controls, Inc., 2	Hagan Center, Pittsburgh 30	Pa
amilton Standard Div. United Aircraft Corp., 2	Broad Brook	Conn
ndustrial Nucleonics Corp., 1-2	650 Ackerman Rd, Columbus 2	Ohio
nstrol, Inc., 2	135 E. Dela Guerra, Santa Barbara	Cal
nstruments, Inc., 1	Box 556, Tulsa	Okla
enlowe Developments Ltd., 1-2	Bath Rd Beenham, Reading, Berks	Eng
eupold & Stevens Instruments Inc., 2	4445 NE Glisan St. Portland	Ore
iquidometer Corp., 2	41-03 36th St, Long Island City 1	NY
umen, Inc., 2	Box 905, Joliet	Ill
cIntosh Co., J. R. C., 2	Box 298, El Dorado	Cal
elcor Electronics Corp., 2	48 Toledo St. Farmingdale	NY
inn-Honeywell, Brown Instruments Div., 2	Wayne & Windrim Aves, Philadelphia 44	Pa
ewark Controls Co., 2	15 Ward St. Bloomfield	NJ
hmart Corp., 1-2	2236 Bogen St. Cincinnati	Ohio
hotobell Co. Inc., 1-2	12 E 22 St. New York 10	NY
evere Corp of America Sub., Neptune Meter Co., 2	Wallingford 2	Conn
immonds Precision Prods Inc., 2	105 White Plains Rd. Tarrytown	NY
aylor Instrument Cos., 2	95 Ames St. Rochester	NY
exas Instruments Incorporated, Appar Div. Ind Prods Gr., 2	3609 Buffalo Spdwy. Houston 6	Tex
hermovolt Instruments, Ltd., 2	70 Advance Rd, Toronto 18, Ontario, Canada	
ransonic Inc., 2	808 15th St. Bakersfield	Cal
rans-Sonics, Inc., 2	Box 328, Lexington 73	Mass
LTRASONIC INDUSTRIES INC., 2, Adv Pg 417	**Ames Ct. Plainview**	**NY**
nited Control Corp., 2	Overlake Ind Pk. Box 3104, Seattle	Wash
allace & Tiernan, Inc., 2	25 Main St. Belleville 9	NJ
ayne Kerr Corp., 2	1633 Race St. Philadelphia 3	Pa
ells Industries Corp., 1-2	6880 Troost Ave. Hollywood	Cal
estinghouse-Gen Purpose Controls Dept., 1	Buffalo	NY

IDICATORS –*MISS-DISTANCE, ELECTRONIC*

.R.F. Products Inc	7627 Lake St. River Forest	Ill
ircraft Armaments, Inc	Cockeysville	Md
OWMAR INSTRUMENT CORP., Adv Pg 36	**8000 Bluffton Rd. Ft Wayne**	**Ind**
el Mar Engineering Labs. Inc	6901 Imperial Hwy. Los Angeles 45	Cal
ranklin Systems, Inc	Box 3250, W Palm Beach	Fla
ibrascope, Div. General Precision Inc	808 Western Ave. Glendale	Cal
inn-Honeywell, Military Prods Gr	2600 Ridgway Rd. Minneapolis 13	Minn
arsons Co., Ralph M., Electronics Div	151 S. DeLacey Ave, Pasadena	Cal
erformance Measurements Co	15120 3rd Ave. Detroit 3	Mich
enetronics, Inc	Easton	Pa
aytheon Co. Govt Mktg	Lexington 73	Mass
ecurity Controls, Inc	500 Franklin St, Buffalo	NY
tanley Aviation Corp	2501 Dallas St, Denver 8	Colo
rans-Sonics, Inc	Box 328, Lexington 73	Mass
.S. Science Corp	5221 W. 102nd St, Los Angeles 45	Cal

IDICATORS –*MOISTURE, ELECTRONIC*

ristol Co	Box 1790 EBG, Waterbury 20	Conn
ompu Dyne Corp	400 S Warminster Rd. Hatboro	Pa
onsolidated Electrodynamics Corp	360 N. Sierra Madre Villa, Pasadena	Cal
URTISS-WRIGHT CORP. PRINCETON DIV., Adv Pgs 382, 426, 494	**Princeton**	**NJ**
elmhorst Instrument Co	601 Cedar St, Boonton	NJ
oxboro Co., The	Foxboro	Mass
ickok Electrical Instrument Co	10532 Dupont Ave. Cleveland 8	Ohio
rlanton Inc. Elec Eye Equip Div	1930 E Fairchild, Danville	Ill
ndustrial Nucleonics Corp	650 Ackerman Rd. Columbus	Ohio
ail Scientific Instrument Corp	737 W Main St. El Cajon	Cal
oisture Register Co	1510 W. Chestnut St, Alhambra	Cal
eeks Lab., Henry F.	Box 1665, Lake City Sta, Seattle	Wash
hys-Chemical Research Corp	47 E 12th St. New York 3	NY
idgefield Instrument Group, Schlumberger Corp	Box 311, Ridgefield	Conn
randberg Engrg. Labs. Inc	225 Summit Ave. Greensboro	NC
hermovolt Instruments, Ltd	70 Advance Rd, Toronto 18, Ontario, Canada	
opp Industries, Inc	5221 W. 102 St, Los Angeles 45	Cal
owler Labs	Box 5253, Raleigh	NC
arren Components Div., El-Tronics	S. Irvine St, Warren	Pa

IDICATORS –*NOISE-FIGURE*

IRBORNE INSTRUMENTS LAB. DIV. CUTLER-HAMMER INC., Adv Pg 151	**Comac Rd. Deer Park**	**NY**
ruel & Kjaer	Lindealle 23, Naerum	Denmark
awe Instruments Ltd	Farnham Ave. Brentford, Mddx	Eng
eneral Microwave Corp	47 Gazza Blvd. Farmingdale	NY
EWLETT-PACKARD CO., Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
orfund Co. Inc	Cantiague Rd. Westbury	NY
inn-Honeywell, Ceramics Lab	Box 440, Minneapolis 40	Minn
IXON ELECTRONICS INC., Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**

IDICATORS –*NULL*

1. *A-F*
2. *D-C*
3. *POTENTIOMETER-TYPE, BALANCING*
4. *R-F*
5. *VTVM (ELECTRONIC)*

.O. I. P., 3	23 Pl. Jeanne d'Arc, Paris 13	Fr
Advance Components Ltd., 1-5	Roebuck Rd. Hainault, Ilford, Essex	Eng
Advance Instrument Corp., 3	F St. Delmar	NJ
Allegany Instrument Co. Div. Textron Electronics, Inc., 2	1091 Wills Mountain, Cumberland	Md
American Machine & Foundry Co., 1	1025 N Royal St. Alexandria	Va
Atchley Div., Raymond, 5	2339 Colmar Ave. Los Angeles 64	Cal
AVNET INSTRUMENT CORP., 1-2, Adv Pgs 331, 364	**70 State St. Westbury**	**NY**
Baldwin-Lima Hamilton Corp., 2-3	42 4th Ave. Waltham 54	Mass
BALLANTINE LABS. INC., 5, Adv Pg 156	**Boonton**	**NJ**
BARNES DEVELOPMENT CO., 3, Adv Pg 414	**213 W Baltimore Pike, Lansdowne**	**Pa**
Beede Electrical Instrument Co. Inc., 2	Penacook	NH
Bell Inc., F. W., 3	1356 Norton Ave. Columbus 12	Ohio
BIRD ELECTRONIC CORP., 4, Adv Pg 239	**30303 Aurora Rd. Cleveland 39**	**Ohio**
BOONTON ELECTRONICS CORP., 1-2-4-5 Adv Pg 212	**738 Speedwell Ave. Morris Plains**	**NJ**
Bristol Co., 3	P.O. Box 1790EBG, Waterbury 20	Conn
Calibration Standards Corp., 2-3	1025 Westminster Ave. Alhambra	Cal
Communications Control Corp., 2	14707 Keswick St. Van Nuys	Cal
Consolidated Airborne Systems, 3	900 3rd Ave. New Hyde Park	NY
EMI-Cossor Electronics Ltd., 5	Box 525 Dartmouth NS	Can
ELECTRO IMPULSE LAB. INC., 3-4, Adv Pg 357	**208 River St. Red Bank**	**NJ**
ELECTRO SCIENTIFIC INDUSTRIES INC., 1-2, Adv Pg 424	**7524 SW Macadam, Portland 19**	**Ore**
Epic Inc., 5	150 Nassau St. New York 38	NY
Fischer & Porter Co., 2	476 Warminster Rd, Warminster	Pa
FREED TRANSFORMER CO. INC., 1, Adv Pg 524	**1736 Weirfield St. Brooklyn 27**	**NY**
General Radio Co., 1-4-5	West Concord	Mass
Gertsch Products, Inc., 1	3211 S La Cienega Blvd. Los Angeles 16	Cal
Gilmore Industries, Inc., 2-3	13015 Woodland Ave. Cleveland 20	Ohio
GREIBACH INSTRUMENTS CORP., 2, Adv Pg 487	**315 North Ave. New Rochelle**	**NY**
Helipot Div. Beckman Instruments Inc., 2	2500 Harbor Blvd. Fullerton	Cal
HEWLETT-PACKARD CO., 2-5, Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
Hickok Electrical Instrument Co., 1-2-4-5	10532 Dupont Ave. Cleveland 8	Ohio
HOWELL INSTRUMENTS INC., 3, Adv Pg 358	**3479 W Vickery Blvd. Fort Worth 7**	**Tex**
Industrial Control Co., 2-3-5	Central at Pinelawn, Farmingdale	NY
INDUSTRIAL TEST EQUIPMENT CO., 1-5, Adv Pg 422	**55 E 11th St. New York 3**	**NY**
Instrol, Inc., 1-3	135 E. Dela Guerra, Santa Barbara	Cal
Jackson Electrical Instrument Co., 5	124 McDonough St. Dayton 2	Ohio
Keithley Instruments, Inc., 2	12415 Euclid Ave. Cleveland 6	Ohio
KIN TEL DIV. COHU ELECTRONICS, 5, Adv Pgs 244, 245, 247	**5725 Kearny Villa Rd. San Diego 12**	**Cal**
Leeds & Northrup Co., 2-3	4970 Stenton Ave, Philadelphia 44	Pa
Liquidometer Corp., 3	41-03 36th St. Long Island City 1	NY
Measurements A McGraw-Edison Div., 5	Boonton	NJ
Metro, Inc., 2	5051 N. Keystone Ave, Indianapolis 20	Ind
Microwave Dynamics Corp., 4	5 Fairchild Ct. Plainview	NY
Millivac Co., 2	88 Madison Ave, Hempstead	NY
Minn-Honeywell, Military Prods Gr., 2-3	2600 Ridgway Rd. Minneapolis 13	Minn
Minn Honeywell, Precision Meter Div., 2	Grenier Field, Manchester	NH
MOSELEY CO., F.L., 2-3 Adv Pgs 122, 123	**409 N Fair Oaks Ave. Pasadena**	**Cal**
Muirhead & Co., Ltd., 1	Beckenham, Kent, England	
NORTH ATLANTIC INDUSTRIES INC., 1-2-3, Adv Pg 344	**Terminal Dr. Plainview**	**NY**
Orion Electronic Corp., 4-5	108 Columbus Ave. Tuckahoe	NY
Pennsylvania Testing Lab., Inc., 1	Doylestown	Pa
Performance Measurements Co., 3	15120 3rd Ave. Detroit 3	Mich
Phaostron Instrument & Electronic Co., 2	151 Pasadena Ave. South Pasadena	Cal
Philips' Gloeilampenfabrieken, N. V., 3	Eindhoven	Neth
Phillips Electronics Mfg Co., 5	119 Allen Blvd. Farmingdale	NY
Precision Mechanisms Corp., 3	577 Newbridge Ave. East Meadow	NY
Radiometer, 2	72 Emdrupvej, Copenhagen NV 1	For
Republic Electronic Industries Corp., 5	111 Gazza Blvd. Farmingdale	NY
RIXON ELECTRONICS INC., 4, Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
ROHDE & SCHWARZ, USA INC., 1-4, Adv Pg 403	**Box 275, Passaic**	**NJ**
SENSITIVE RESEARCH INSTRUMENT CORP., 2, Adv Pg 109	**310 Main St. New Rochelle**	**NY**
Servo Development Corp., 3	2 Willis Ct. Hicksville	NY
Servonic Instruments, Inc., 3	1644 Whittier Ave. Costa Mesa	Cal
Shallcross Mfg. Co., 2-3	Selma	NC
Simpson Electric Co. Div. American Gage & Machine Co., 2-4	5218 W Kinzie St. Chicago 44	Ill
Smith-Florence, Inc., 2-3-5	4228 23rd W., Seattle	Wash
Solartron, Inc. 1-5	1742 S. Zeyn St, Anaheim	Cal
Spectrol Electronics Corp., 3	1704 S Del Mar, San Gabriel	Cal
Summers & Mills Inc., 3	911 W Commerce, Dallas 8	Tex
Sun Electric Co., 4-5	6323 Avondale St. Chicago 31	Ill
Teffet Electronics Inc., 4-5	2775 Bklyn-Qns Exp W, Woodside 77	NY
Tektronix Inc., 2	Box 500, Beaverton	Ore
Teradyne Inc., 2	87 Summer St. Boston 10	Mass
Thermo Electric Co. Inc., 3	109 5th St. Saddle Brook	NJ
Thermovolt Instruments Ltd., 3	70 Advance Rd. Toronto 18	Ont
Theta Instrument Corp., 1-4-5	520 Victor St. Saddle Brook	NJ
Voltron Products Co., 1-2	1020 S Arroyo Pkwy. Pasadena	Cal
Vac Line Inc., 2	35 S St. Clair St. Dayton 2	Ohio
WEINSCHEL ENGINEERING CO., INC., 1-4 Adv. Pgs. 51-54, 55	**10503 Metropolitan Ave. Kensington**	**Md**
Westinghouse-Instrument Dept., 2	Newark	NJ
Westronics, Inc., 3	3605 McCart St, Ft. Worth	Tex

INDICATORS –*NUMERICAL DISPLAY* See INDICATORS –*DIGITAL*
INDICATORS –*OCEAN-DEPTH* See DEPTH SOUNDERS

INDICATORS –*OXYGEN*

Air Reduction Sales Co	150 E 42 St. New York	NY
Automation Products Inc	3030 Max Roy St. Houston 24	Tex
Bailey Meter Co	1050 Ivanhoe Rd. Cleveland 10	Ohio
Consolidated Airborne Systems	900 3rd Ave. New Hyde Park	NY
Epsco Medical Div. Epsco Inc	275 Mass Ave. Cambridge 39	Mass
Evershed & Vignoles Ltd	Chiswick, London W 4	Eng
Liquidometer Corp	41-03 36th St, Long Island City 1	NY
Minn-Honeywell, Military Prods Gr	2600 Ridgway Rd. Minneapolis 13	Minn
Servo Development Corp	2 Willis Ct. Hicksville	NY
Servomex Controls Ltd	Crowborough, Sussex, England	
Simmonds Precision Prods Inc	105 White Plains Rd. Tarrytown	NY

INDICATORS –*pH*

A. O. I. P	23 Pl. Jeanne d'Arc, Paris 13	Fr
Analytical Measurements, Inc	585 Main St. Chatham	NJ
Bailey Meter Co	1050 Ivanhoe Rd. Cleveland 10	Ohio
Bristol Co	P.O. Box 1790EBG, Waterbury 20	Conn
Canadian Marconi Co	2444 Trenton Ave. Montreal	Que
Coleman Instruments Inc	42 Madison St. Maywood	Ill
Communications Control Corp	14707 Keswick St. Van Nuys	Cal
Epsco Medical Div. Epsco Inc	275 Mass Ave. Cambridge 39	Mass
Fisher Scientific Co	713 Forbes Ave. Pittsburgh 19	Pa
Foxboro Co., The	Foxboro	Mass
Hagan Chemicals & Controls, Inc	Hagan Center, Pittsburgh 30	Pa
La Motte Chemical Prods. Co	Chestertown	Md
Leeds & Northrup Co	4970 Stenton Ave, Philadelphia 44	Pa
MARCONI INSTRUMENTS Adv Pgs 401, 402	**111 Cedar Lane, Englewood**	**NJ**
Matheson Coleman & Bell	2909 Highland Ave, Norwood	Ohio
POLARAD ELECTRONICS CORP Adv Pg 269-272	**43-20 34 St. Long Island City 1**	**NY**
Sel-Rex Corp	75 River Rd, Nutley 10	NJ
Taylor Instrument Cos	95 Ames St. Rochester	NY
Thermo Electric Co. Inc	109 5th St. Saddle Brook	NJ
Thermovolt Instruments Ltd	70 Advance Rd. Toronto 18	Ont
Wallace & Tiernan, Inc	25 Main St, Belleville 9	NJ

INDICATORS –*PHASE-SEQUENCE*

AD-YU ELECTRONICS LAB. INC., Adv Pg 522	**249-259 Terhune Ave. Passaic**	**NJ**
ASSOCIATED RESEARCH, INC., Adv Pg 218	**3788 W Belmont Ave. Chicago 18**	**Ill**
Astrosystems Inc	220 E 23rd St. New York 10	NY
Brunswick Instruments	P.O. Box 813, New Brunswick	NJ
Consolidated Airborne Systems	900 3rd Ave. New Hyde Park	NY
Dytronics	P.O. Box 3676, Columbus 14	Ohio
Eastern Specialty Co	Philadelphia 41	Pa
Farwest Mfg. Div. Inc	209 1st St. Seattle	Wash
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
INDUSTRIAL TEST EQUIPMENT CO., Adv Pg 422	**55 E 11th St. New York 3**	**NY**
Knapp, Inc	1307 66 St, Oakland 8	Cal
Landy Mfg Corp	Robert Lane, Glen Head	NY
Master Specialties Co	956 E. 108th St, Los Angeles 59	Cal
OPAD ELECTRIC CO., Adv Pg 498	**43-5 Walker St. New York 13**	**NY**
Sticht Co., Inc., Herman H	27 Park Pl, New York 7	NY
Sunshine Scientific Instrument	1810 Grant Ave, Philadelphia 15	Pa
Theta Instrument Corp	520 Victor St. Saddle Brook	NJ
United Mfg. Co. Div. Maxson Electronics Corp	41 Haig St. Hamden 14	Conn
Vac Line Inc	35 S St. Clair St. Dayton 2	Ohio

INDICATORS –*PHOTOGRAPHIC-EXPOSURE* See METERS –*LIGHT*

INDICATORS –*POSITIONING*

Advance Instrument Corp	F St. Delmar	NJ
Aerospace Controls	422 Colorado Ave. Santa Monica	Cal
Aircraft Instruments Co	King of Prussia Rd at Montgomery Ln, Radnor	Pa
American Machine & Foundry Co	1025 N Royal St. Alexandria	Va
American Measurement & Control Inc	240 Calvary St. Waltham 54	Mass
Automatic Timing & Controls Inc	King of Prussia	Pa
Avien, Inc	58-15 Northern Blvd. Woodside 77	NY
BENDIX CORP. MONTROSE DIV., Adv Pg 372	**South Montrose**	**Pa**
BOWMAR INSTRUMENT CORP., Adv Pg 36	**8000 Bluffton Rd. Ft Wayne**	**Ind**
Bristol Co	Box 1790 EBG, Waterbury 20	Conn
Collins Corp., G. L	2820 E Hullet St. Long Beach 5	Cal
Compu Dyne Corp	400 S Warminster Rd. Hatboro	Pa
Consolidated Airborne Systems	900 3rd Ave, New Hyde Park	NY
Crescent Engineering & Research Co	5440 N. Peck Rd, El Monte	Cal
Daytronic Corp	223-227 S. Jefferson St, Dayton	Ohio
Decker Corp	45 Monument Rd. Bala Cynwyd	Pa
Digitaol Corp	5000 Broadway Rd. Houston 27	Tex
Electric Tachometer Corp	68 N Upland Sts, Philadelphia	Pa
Electro Products Labs, Inc., Transducer Div	4501 N Ravenswood, Chicago 40	Ill
ERIE-PACIFIC DIV. ERIE RESISTOR CORP., 3, Adv Pg 206	**12932 S Weber Way, Hawthorne**	**Cal**
Ford Instrument Co., Div., Sperry Rand Corp	31-10 Thomson Ave. Long Island City 1	NY
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
Gilfillan Bros., Inc	1815 Venice Blvd, Los Angeles 6	Cal
Gilmore Industries, Inc	13015 Woodland Ave, Cleveland 20	Ohio
Hagan Chemicals & Controls, Inc	Hagan Center, Pittsburgh 30	Pa
Huyck Systems Co	360 Wolf Hill Rd, Huntington Sta	NY
Industrial Control Co	Central at Pinelawn, Farmingdale	NY
Instrol, Inc	135 E. Dela Guerra, Santa Barbara	Cal
Jordan Controls Inc	3275 W Hampton, Milwaukee 9	Wis
Lear Inc	3171 S Bundy Dr, Santa Monica	Cal
Leupold & Stevens Instruments Inc	4445 NE Glisan St. Portland	Ore
Liquidometer Corp	41-03 36th St, Long Island City 1	NY
MAICO ELECTRONICS, INC., Adv Pg 153	**21 N 3rd St. Minneapolis 1**	**Minn**
Minn-Honeywell, Military Prods Gr	2600 Ridgway Rd, Minneapolis 13	Minn
Muirhead & Co., Ltd	Beckenham, Kent, England	
NORTH ATLANTIC INDUSTRIES INC., Adv Pg 344	**Terminal Dr. Plainview**	**NY**
Orbit Instrument Corp	131 Eileen Way, Syosset	NY
Penn Keystone Corp	Box 350, Derby	Conn
Precision Mechanisms Corp	577 Newbridge Ave, East Meadow	NY
Rexiform Co	1509 Colorado Ave. Santa Monica	Cal
Servo Development Corp	2 Willis Ct. Hicksville	NY
Smith Mfg. Co., J&H	Little Britain Rd, Newburgh	NY
Spectrol Electronics Corp	1704 S Del Mar, San Gabriel	Cal
Texas Instruments Incorporated, Appar Div. Ind Prods Gr	3609 Buffalo Spdwy. Houston 6	Tex
Theta Instrument Corp	520 Victor St, Saddle Brook	NJ
Topp Industries, Inc	5221 W. 102 St, Los Angeles 45	Cal
Union Switch & Signal Div., Westinghouse Air Brake Co	Pittsburgh 18	Pa
United Control Corp	Overlake Ind Pk. Box 3104, Seattle	Wash
U.S. Science Corp	5221 W. 102nd St, Los Angeles 45	Cal
Vac Line Inc	35 S St. Clair St. Dayton 2	Ohio
West Coast Research Corp	2102 S Sepulveda Blvd. Los Angeles	Cal

INDICATORS –*POWER-FACTOR* See METERS –*POWER-FACTOR*
INDICATORS –*POWER-LEVEL* See METERS –*POWER-LEVEL*

INDICATORS –*PRESSURE (COMPLETE INSTRUMENTS)* See Also GAGES –*STYLUS PRESSURE*

Aero Mechanism Inc	13866 Saticoy St., Van Nuys	Cal
Aircraft Instruments Co	King of Prussia Rd at Montgomery La, Radnor	Pa
American Measurement & Control Inc	240 Calvary St. Waltham 54	Mass
American Research & Mfg. Corp	920 Halpine Ave. Rockville	Md
Astronics Div. Mitchell Camera Corp	666 W Harvard, Glendale 4	Cal
Atchley Div., Raymond	2339 Cotner Ave. Los Angeles 64	Cal
Automatic Timing & Controls, Inc	King of Prussia	Pa
Avien, Inc	58-15 Northern Blvd. Woodside 77	NY
Bailey Meter Co	1050 Ivanhoe Rd, Cleveland 10	Ohio
Baldwin-Lima Hamilton Corp	42 Fourth Ave. Waltham 54	Mass
BENDIX CORP. MONTROSE DIV., Adv Pg 372	**South Montrose**	**Pa**
Bristol Co	P.O. Box 1790EBG, Waterbury 20	Conn
Bytrex Corp	50 Hunt St, Newton	Mass
Compu Dyne Corp	400 S Warminster Rd. Hatboro	Pa
Consolidated Airborne Systems	900 3rd Ave. New Hyde Park	NY
Consolidated Controls Corp	Box 3308, Albuquerque	NM
Consolidated Electrodynamics Corp	360 N. Sierra Madre Villa, Pasadena	Cal
Decker Corp	45 Monument Rd. Bala Cynwyd	Pa
Dwyer Mfg. Co., F. W.	P.O. Box 373, Michigan City	Ind
Edison Ind, Thos. A., Instr Div., McGraw-Edison Co	81 Lakeside Ave, West Orange	NJ
Ellison Draft Gage Co., Inc	546 W. Monroe St, Chicago	Ill
Evershed & Vignoles Ltd	Chiswick, London W. 4, England	
Fischer & Porter Co	476 Warminster Rd, Warminster	Pa
Foxboro Co., The	Foxboro	Mass
Garrett Corp., The	9851 Sepulveda Blvd, Los Angeles 45	Cal
General Controls Co	801 Allen Ave, Glendale 1	Cal
Gilmore Industries, Inc	13015 Woodland Ave, Cleveland 20	Ohio
Gulton Industries, Inc	212 Durham Ave, Metuchen	NJ
Hagan Chemicals & Controls, Inc	Hagan Center, Pittsburgh 30	Pa
HOWELL INSTRUMENTS INC., Adv Pg 358	**3479 W Vickery Blvd. Fort Worth 7**	**Tex**
Hydra Electric Inc	3151 Kenwood St, Burbank	Cal
Instrol, Inc	135 E. Dela Guerra, Santa Barbara	Cal
Korfund Co, Inc	Cantiague Rd. Westbury	NY
NORTH ATLANTIC INDUSTRIES INC., Adv Pg 344	**Terminal Dr. Plainview**	**NY**
Performance Measurements Co	15120 Third Ave, Detroit 3	Mich
Photocon Research Products	421 N. Altadena Dr, Pasadena	Cal
Revere Corp. of America Sub Neptune Meter Co	Wallingford 2	Conn
Servo Development Corp	2 Willis Ct. Hicksville	NY
Simmonds Precision Prods Inc	105 White Plains Rd. Tarrytown	NY
Specialties, Inc	Skunks Misery Rd. Syosset	NY
Spectrol Electronics Corp	1704 S Del Mar, San Gabriel	Cal
Taber Instrument Corp	107 Goundry St, North Tonawanda	NY
Taylor Instrument Cos	95 Ames St. Rochester	NY
Thermo Electric Co. Inc	109 5th St. Saddle Brook	NJ
Thermovolt Instruments, Ltd	70 Advance Rd, Toronto 18, Ontario, Canada	
Topp Industries, Inc	5221 W. 102 St, Los Angeles 45	Cal
Ulmer Co., H. W	2941 San Luis Rey Rd. Oceanside	Cal
Wallace & Tiernan, Inc	25 Main St, Belleville 9	NJ
West Coast Research Corp	2102 S Sepulveda Blvd. Los Angeles	Cal
West Instrument Corp	4363 W. Montrose, Chicago 41	Ill

INDICATORS –*PROXIMITY*

BOWMAR INSTRUMENT CORP., Adv Pg 36	**8000 Bluffton Rd. Ft Wayne**	**Ind**
Communications Control Corp	14707 Keswick St. Van Nuys	Cal
Crescent Engineering & Research Co	5440 N Peck Rd. El Monte	Cal
Del Mar Engineering Labs. Inc	6901 Imperial Hwy. Los Angeles 45	Cal
Electro Products Labs, Inc., Transducer Div	4501 N. Ravenswood, Chicago 40	Ill
Franklin Systems, Inc	Box 3250, W Palm Beach	Fla
Ideal Co. Inc	76 Coolidge Hill Rd. Watertown 72	Mass
Parsons Co., Ralph M., Electronics Div	151 S. DeLacey Ave, Pasadena	Cal
Photocon Research Products	421 N. Altadena Dr, Pasadena	Cal
Topp Industries, Inc	5221 W. 102 St, Los Angeles 45	Cal
Uni Lab Inc	35 S St. Clair St. Dayton 2	Ohio
Wayne Kerr Corp	1633 Race St. Philadelphia 3	Pa
Wells Electronics Co	1701 S Main St. South Bend 23	Ind
Unitronics	213 S Hawthorne Blvd. Hawthorne	Cal

INDICATORS –*PULSE-RISE-TIME*

Hickok Electrical Instrument Co	10532 Dupont Ave. Cleveland 8	Ohio
SERVO CORP OF AMERICA, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Streeter-Amet Co	Grayslake	Ill
U.S. Science Corp	5221 W. 102nd St, Los Angeles 45	Cal

INDICATORS –*RADIATION* See COUNTERS –*NUCLEAR-PARTICLE: DOSIMETERS*
INDICATORS –*R-F PROBE* See DETECTORS –*STANDING-WAVE*
INDICATORS –*R-F WAVEFORM* See OSCILLOSCOPES
INDICATORS –*RUNNING TIME* See TIMERS –*MOTOR-OPERATED RUNNING TIME*

INDICATORS –*SHORTED-TURN*

Applied Control Corp	1000 Main St. Hackensack	NJ
Karbon, Inc	Box 472, Huntington Beach	Cal
Minn-Honeywell, Rubicon Instruments	Ridge Ave, at 35 St, Philadelphia 32	Pa
Sunshine Scientific Instrument	1810 Grant Ave, Philadelphia 15	Pa
Wells Electronics Co	1701 S Main St. South Bend 23	Ind

INDICATORS –*SMOKE & COMBUSTION, ELECTRONIC*

Applied Control Corp	1000 Main St. Hackensack	NJ
Bailey Meter Co	1050 Ivanhoe Rd, Cleveland 10	Ohio
Bristol Co	Box 1790 EBG, Waterbury 20	Conn
Conrad-Carson Electronics Inc	1437 Broadway, El Cajon	Cal
Consolidated Airborne Systems	900 3rd Ave. New Hyde Park	NY
Electronic Control Corp	1573 E. Forest St, Detroit 7	Mich
Evershed & Vignoles Ltd	Chiswick, London W. 4, England	
Green Rectifier Co	1-10 30th St. Fair Lawn	NJ
Minn-Honeywell, Military Prods Gr	2600 Ridgway Rd, Minneapolis 13	Minn
Phoenix Precision Instrument Co	3805 N 5th St. Philadelphia	Pa
Photomation, Inc	96 S. Washington Ave, Bergenfield	NJ
U. S. Nuclear Corp	801 N. Lake St. Burbank	Cal
Victory Engineering Corp	101 Springfield Rd. Union	NJ

INDICATORS –*SOUND-LEVEL* See METERS –*SOUND*

INDICATORS –*SPECIFIC-GRAVITY*

Automation Products, Inc	3030 Max Roy St, Houston 24	Tex
Bristol Co	Box 1790 EBG, Waterbury 20	Conn
Compu Dyne Corp	400 S Warminster Rd. Hatboro	Pa
Consolidated Airborne Systems	900 3rd Ave, New Hyde Park	NY
Dwyer Mfg. Co., F.W.	P.O. Box 373, Michigan City	Ind
Evershed & Vignoles Ltd	Chiswick, London W. 4, England	
General Communication Co	677 Beacon St, Boston 15	Mass
Hagan Chemicals & Controls, Inc	Hagan Center, Pittsburgh 30	Pa
Instrol, Inc	135 E. Dela Guerra, Santa Barbara	Cal
Isotope Developments Ltd	Bath Rd Beenham, Reading, Berks	Eng
Liquidometer Corp	41-03 36th St, Long Island City 1	NY
Potter Aeronautical Corp	Rt 22, Union	NJ
Precision Thermometer & Instrument Co	1432 Brandywine St, Philadelphia	Pa
Taylor Instrument Cos	95 Ames St. Rochester	NY
Vickers Inc. Electric Products Div	1899 Locust St. St Louis 3	Mo
Wallace & Tiernan, Inc	25 Main St. Belleville 9	NJ

INDICATORS –*STRAIN (COMPLETE INSTRUMENT)*

A. O. I. P.	23 Pl. Jeanne d'Arc, Paris 13	Fr
B & F Instruments, Inc	3644 N. Lawrence St, Philadelphia 40	Pa
Baldwin-Lima Hamilton Corp	42 Fourth Ave, Waltham 54	Mass
Bristol Co	Box 1790 EBG, Waterbury 20	Conn
Bruel & Kjaer	Lindevile 23, Naerum, Denmark	
Bytrex Corp	50 Hunt St, Newton	Mass
Data Technology Inc	Box 6324, Sta. B, Albuquerque	NM
Daytronic Corp	223-227 S. Jefferson St, Dayton	Ohio
Ellis Associates	Box 77, Pelham	NY
Foxboro Co., The	Foxboro	Mass
Geotechnical Corp	3401 Shiloh Rd, Garland	Tex
Gilmore Industries, Inc	13015 Woodland Ave, Cleveland 20	Ohio
Ideal on Co. Inc	76 Coolidge Hill Rd. Watertown 72	Mass
Industrial Control Co	Central Ave. at Pinelawn, Farmingdale	NY
Instrol, Inc	135 E. Dela Guerra, Santa Barbara	Cal
Korfund Co. Inc	Cantiague Rd. Westbury	NY
Microdot, Inc	220 Pasadena Ave. South Pasadena	Cal
Performance Measurements Co	15120 Third Ave, Detroit 3	Mich
Power Instruments, Inc	7352 N Lawndale Ave. Skokie	Ill
Revere Corp. of America Sub Neptune Meter Co	Wallingford 2	Conn
Servo Development Corp	2 Willis Ct. Hicksville	NY
Smith-Florence, Inc	4228 23rd W., Seattle	Wash
Thwing-Albert Instrument Co	5351 Pulaski Ave, Philadelphia 44	Pa
U. S. Nuclear Corp	801 N. Lake St, Burbank	Cal
Wayne Kerr Corp	1633 Race St. Philadelphia 3	Pa
West Coast Research Corp	2102 S. Sepulveda Blvd, Los Angeles	Cal

INDICATORS –*SURFACE-ROUGHNESS*

American Research & Mfg. Corp	920 Halpine Ave. Rockville	Md
Bruel & Kjaer	Lindevile 23, Naerum, Denmark	
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
Mardoth Prods	1387 Ledge Rd. R D 1, Hinckley	Ohio
Micrometrical Mfg. Co	P.O. Box 1067, Ann Arbor	Mich
Philips' Gloeilampenfabrieken, N.V	Eindhoven, Netherlands	
Techni-Rite Electronics, Inc	65 Centerville Rd. Warwick	RI

INDICATORS –*TEMPERATURE*

Ammesco Inc	14 Center Ave. Little Falls	NJ
American Instrument Co., Inc	8030 Georgia Ave, Silver Spring	Md
Arnoux Corp	11924 W. Washington Blvd, L A. 66	Cal
Assembly Products, Inc	75 Wilson Mills Rd, Chesterland E	Ohio
Avien, Inc	58-15 Northern Blvd, Woodside 77	NY
B & F Instruments Inc	3644 N. Lawrence St. Philadelphia 40	Pa
Bailey Meter Co	1050 Ivanhoe Rd, Cleveland 10	Ohio
Bendix Corporation, Friez Instrument Div	1400 Taylor Ave. Baltimore 4	Md
BENDIX CORP. MONTROSE DIV., Adv Pg 372	**South Montrose**	**Pa**
Bergen Labs. Inc	60 Spruce St. Paterson 1	NJ
Bristol Co	P.O. Box 1790EBG, Waterbury 20	Conn
Clary Corp	408 Junipero St. San Gabriel	Cal
Communications Control Corp	14707 Keswick St. Van Nuys	Cal
Conrad-Carson Electronics Inc	1437 Broadway, El Cajon	Cal
Consolidated Airborne Systems	900 3rd Ave. New Hyde Park	NY
Crescent Engineering & Research Co	5440 N. Peck Rd, El Monte	Cal
CURTISS-WRIGHT CORP. PRINCETON DIV., Adv Pgs 382, 426, 494	**Princeton**	**NJ**
Daystrom Inc. Weston Instruments Div	614 Frelinghuysen Ave. Newark 12	NJ
DeJUR-AMSCO CORP., Adv Pg 369	**Northern Blvd at 45 St. L I City 1**	**NY**
Edison Ind, Thos. A., Instr Div., McGraw-Edison Co	81 Lakeside Ave, West Orange	NJ
Electronic Control Corp	1573 E. Forest St, Detroit 7	Mich
Electronic Processes Corp	436 Bryant St, San Francisco 7	Cal
Electronic Products Mfg. Co. Inc	S 110 Scott St. Spokane 3	Wash
Electrowest, Inc	2151 Albatross Way, Sacramento 15	Cal
EMPIRE SERVICES, Adv Pg 484	**4D-3, Skaneateles**	**NY**
Epic Inc	150 Nassau St. New York 38	NY
Evershed & Vignoles Ltd	Chiswick, London W. 4, England	
Fenwal, Inc	Pleasant St, Ashland	Mass
Fischer & Porter Co	476 Warminster Rd, Warminster	Pa
Fisher Scientific Co	713 Forbes Ave. Pittsburgh 19	Pa
Foxboro Co., The	Foxboro	Mass
General Controls Co	801 Allen Ave, Glendale 1	Cal
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
General Electronic Control, Inc	9001 Bloomington Frwy, Mpls 20	Minn
Gilmore Industries, Inc	13015 Woodland Ave, Cleveland 20	Ohio
Gulton Industries, Inc	212 Durham Ave, Metuchen	NJ
Hagan Chemicals & Controls, Inc	Hagan Center, Pittsburgh 30	Pa
Hemco Engineering Co	322 E. Beach Ave, Inglewood 3	Cal
Hickok Electrical Instrument Co	10532 Dupont Ave. Cleveland 8	Ohio
Hill & Co., E. Vernon	P O. Box 149, Lake Geneva	Wisc
HOWELL INSTRUMENTS INC., Adv Pg 358	**3479 W Vickery Blvd. Fort Worth 7**	**Tex**
Illinois Testing Labs., Inc	420 N. LaSalle St, Chicago 10	Ill
J-B-T INSTRUMENTS INC., Adv Pgs 133, 134	**133 Hamilton St. New Haven 8**	**Conn**
Kahl Scientific Instrument Corp	737 W Main St. El Cajon	Cal
Kahn & Co. Inc	885 Wells Rd, Wethersfield	Conn
Larson Instrument Co	Greenbush Rd. Orangeburg	NY
Lear Inc	3171 S Bundy Dr. Santa Monica	Cal
Leeds & Northrup Co	4970 Stenton Ave, Philadelphia 44	Pa
Magnetic Instrument Co., Inc	637 Commerce St, Thornwood	NY
Markal Co	3052 W Carroll Ave. Chicago 12	Ill
Meters, Inc	5353 N. Keystone Ave, Indianapolis 20	Ind
Minco Products, Inc	740 Washington Ave, N., Minneapolis 1	Minn
Minn-Honeywell, Military Prods Gr	2600 Ridgway Rd, Minneapolis 13	Minn
Molex Products Co	9515 Southview Ave. Brookfield	Ill
Moore Products Co	H & Lycoming Sts. Philadelphia 24	Pa
Omtronics Mfg Inc	Box 1419, Pacey Pk Sta. Omaha 14	Neb
Pacific Scientific Co	Box 22019, Los Angeles 22	Cal
Parks Lab., Henry F.	Box 1665, Lake City Sta. Seattle	Wash
Performance Measurements Co	15120 Third Ave, Detroit 3	Mich
Piezo Products Co	Whitney St, Seabrook	Mass
Precision Thermometer & Instrument Co	1432 Brandywine St. Philadelphia	Pa
Pyrometer Co. of America, Inc	600 E Lincoln Hwy. Penndel	Pa
Pyrometer Instrument Co., Inc	92 Portland Ave, Bergenfield	NJ
RdF Corp	Hudson	NH
SERVO CORP OF AMERICA, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Servo Development Corp	2 Willis Ct. Hicksville	NY
Simmonds Precision Prods Inc	105 White Plains Rd. Tarrytown	NY
Simpson Electric Co., Div., American Gage & Machine Co	5218 W. Kinzie St, Chicago 44	Ill
Taber Instrument Corp	107 Goundry St, North Tonawanda	NY
Taylor Instrument Cos	95 Ames St. Rochester	NY
Tempil Corp	132 W 22nd St. New York 11	NY
Thermo Electric Co. Inc	109 5th St. Saddle Brook	NJ
Thermo Electric Mfg. Co	465 Huff St, Dubuque	Iowa
Thermovolt Instruments, Ltd	70 Advance Rd, Toronto 18, Ontario, Canada	
Thwing-Albert Instrument Co	5351 Pulaski Ave, Philadelphia 44	Pa
Trans-Sonics, Inc	Box 328, Lexington 73	Mass
Wayne Kerr Corp	1633 Race St, Philadelphia 3	Pa
West Coast Research Corp	2102 S. Sepulveda Blvd, Los Angeles	Cal
West Instrument Corp	4363 W. Montrose, Chicago 41	Ill
Westinghouse-Instrument Dept	Newark	NJ
Westronics, Inc	3605 McCart St, Ft Worth	Tex
Whitehall Electronics Corp	1645 Hennepin Ave. Minneapolis 3	Minn
Williamson Development Co	317 Main St. W Concord	Mass
Yellow Springs Instrument Co. Inc	Box 106E, Yellow Springs	Ohio

INDICATORS –*THICKNESS* See Also GAGES *BETA*; ULTRASONIC EQUIPMENT

American Instrument Co., Inc	8030 Georgia Ave, Silver Spring	Md
Automatic Timing & Controls, Inc	King of Prussia	Pa
Automation Products Inc	3030 Max Roy St. Houston 24	Tex
Bristol Co	Box 1790 EBG, Waterbury 20	Conn
Communications Control Corp	14707 Keswick St. Van Nuys	Cal
Crescent Engineering & Research Co	5440 N. Peck Rd, El Monte	Cal
CURTISS-WRIGHT CORP. PRINCETON DIV., Adv Pgs 382, 426, 494	**Princeton**	**NJ**
Dawe Instruments Ltd	Harlequin Ave. Brentford, Mddx	Eng
Daytronic Corp	223-227 S. Jefferson St, Dayton	Ohio
Decker Corp	45 Monument Rd. Bala Cynwyd	Pa
Delsen Corp	719 W. Broadway, Glendale 4	Cal
Dice Co., J.W.	Englewood	NJ
Digitrols, Inc	8 Industry Lane, Cockeysville	Md
Fleetwood Laboratories Inc	300 Victory Blvd. New Rochelle	NY
General Electronic Control, Inc	9001 Bloomington Frwy, Mpls 20	Minn
Hamilton Watch Co. Industrial Prods Div	Lancaster	Pa
Hurletron Inc. Elec Eye Equip Div	1938 E Fairchild, Danville	Ill
Ideal on Co. Inc	76 Coolidge Hill Rd, Watertown 72	Mass
Industrial Nucleonics Corp	650 Ackerman Rd, Columbus 2	Ohio
Isotope Developments Ltd	Bath Rd Beenham, Reading, Berks	Eng
Link Div. Gen. Precision Inc	Binghamton	NY
Magnaflux Corp	7328 W Lawrence Ave, Chicago 31	Ill
Micrometrical Mfg Co	Box 1067, Ann Arbor	Mich
Ohmart Corp	2276 Bogen St. Cincinnati	Ohio
Techni-Rite Electronics, Inc	65 Centerville Rd. Warwick	RI
Tracerlab, Inc	1601 Trapelo Rd, Waltham 54	Mass
Wayne Kerr Corp	1633 Race St. Philadelphia 3	Pa

INDICATORS –*TIMING* See Also CHRONOSCOPES *(TIME INTERVAL INDICATORS)*

Aircraft Instruments Co	314 King of Prussia Rd, at Montgomery La, Radnor	Pa
Automatic Timing & Controls, Inc	King of Prussia	Pa
BOWMAR INSTRUMENT CORP., Adv Pg 36	**8000 Bluffton Rd. Ft Wayne**	**Ind**
Chrono-Log Corp	P.O. Box 4587, Philadelphia 31	Pa
Cramer Controls Corp	Box 13, Centerbrook	Conn
Decker Corp	45 Monument Rd. Bala Cynwyd	Pa
DeJUR-AMSCO CORP., Adv Pg 369	**Northern Blvd at 45 St. L I City 1**	**NY**
ELECTRONIC PRODUCTS CORP., Adv Pgs 545, 546	**4642 Belair Rd. Baltimore 6**	**Md**
ERIE-PACIFIC DIV. ERIE RESISTOR CORP., Adv Pg 206	**12932 S Weber Way, Hawthorne**	**Cal**
General Controls Co	801 Allen Ave, Glendale 1	Cal
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
HAYDON CO., A. W., Adv Pgs 302, 303	**238 N Elm St. Waterbury**	**Conn**
Heuer Fairfax Corp	9201 Wilshire Blvd. Beverly Hills	Cal
INDUSTRIAL TIMER CORP., Adv Pg 381	**1407A McCarter Hwy. Newark 4**	**NJ**
J-B-T INSTRUMENTS INC., Adv Pgs 133, 134	**133 Hamilton St. New Haven 8**	**Conn**
Lehnis Airborne Products Div. A M F	Box 128, Vandalia	Ohio
Minn Honeywell, Precision Meter Div	Grenier Field, Manchester	NH
Patton Div. Houston-Fearless Corp	13922 Yuba Ave. Hawthorne	Cal
PENNWOOD NUMECHRON CO Adv Pg 550	**7249 Frankstown Ave. Pittsburgh 8**	**Pa**
Servo Development Corp	2 Willis Ct. Hicksville	NY
Sunshine Scientific Instrument	1810 Grant Ave. Philadelphia 15	Pa

INDICATORS –*TORQUE*

Amstrong Whitworth Equipment	Hucclecote, Gloucester	Eng
AUTOTRONICS, INC., Adv Pg 481	**Box 208, Florissant**	**Mo**
B & F Instruments, Inc	3644 N. Lawrence St, Philadelphia 40	Pa
Baldwin-Lima Hamilton Corp	42 Fourth Ave, Waltham 54	Mass
BENDIX CORP. MONTROSE DIV., Adv Pg 372	**South Montrose**	**Pa**
Bergen Labs. Inc	60 Spruce St. Paterson 1	NJ
Bytrex Corp	50 Hunt St, Newton	Mass
Chatillon & Sons, John	85 Cliff St. New York 38	NY
Crescent Engineering & Research Co	5440 N Peck Rd, El Monte	Cal
Daytronic Corp	223-227 S. Jefferson St, Dayton	Ohio
Diffen & Co., Inc., W.E.	14820 Keswick St, Van Nuys	Cal
Dynamics Research Corp	38 Montvale Ave, Stoneham	Mass

Electronic Control Corp .... 1573 E. Forest St, Detroit 7 .... Mich
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9 .... **1 River Rd. Schenectady 5** .... **NY**
Gilmore Industries, Inc .... 13015 Woodland Ave, Cleveland 20 .... Ohio
Instrol, Inc .... 135 E. Dela Guerra, Santa Barbara .... Cal
Korfund Co, Inc .... Cantiague Rd. Westbury .... NY
Liquidometer Corp .... 41-41 36th St. Long Island City 1 .... NY
Magnal, Inc .... 24 Seneca St, Buffalo 4 .... NY
Mobin Instrument Co .... 412 Lincoln St, Denver 3 .... Colo
Millitest Co .... 18 Madison Ave, Hempstead .... NY
Performance Measurements Co .... 15120 Third Ave, Detroit 3 .... Mich
Power Instruments, Inc .... 7352 N Lawndale Ave. Skokie Ill
Rotiform Co .... 1509 Colorado Ave. Santa Monica .... Cal
Servo Development Corp .... 2 Willis Ct. Hicksville .... NY
Sturtevant Co., P. A. .... Addison Ill
Sunshine Scientific Instrument .... 1810 Grant Ave, Philadelphia 15 .... Pa
West Coast Research Corp .... 2102 S. Sepulveda Blvd, Los Angeles .... Cal

INDICATORS -TURBIDITY
American Machine & Foundry Co .... 1025 N Royal St. Alexandria .... Va
Phoenix Precision Instrument Co .... 3803 N. Fifth St, Philadelphia .... Pa
Photomation, Inc .... 96 S. Washington Ave, Bergenfield .... NJ
Weber Electronics, Inc .... Hancock & Somerset, Philadelphia 33 .... Pa

INDICATORS -VACUUM (COMPLETE INSTRUMENT) See Also GAGES -VACUUM
Aero Mechanism Inc .... 13866 Saticoy St., Van Nuys .... Cal
ANZAC ELECTRONICS INC., Adv Pg 450 .... **Cannondale** .... **Conn**
Bailey Meter Co .... 1050 Ivanhoe Rd, Cleveland 10 .... Ohio
Bristol Co .... P.O. Box 1790EBG, Waterbury 20 .... Conn
Burton Instruments, Div Burton Mfg .... 2520 Colorado Ave, Santa Monica .... Cal
Central Scientific Co. Div. Cenco Instr Inc .... 1700 Irving Park Rd. Chicago 13 Ill
CETRON ELECTRONICS CORP., Adv Pg 379 .... **715 Hamilton, Geneva** .... **Ill**
Consolidated Airborne Systems .... 900 3rd Ave. New Hyde Park .... NY
Consolidated Electrodynamics Corp .... 360 N. Sierra Madre Villa, Pasadena .... Cal
Decker Corp .... 45 Monument Rd. Bala Cynwyd .... Pa
Electron Technology Inc .... 626 Schuyler Ave. Kearny .... NJ
Electronic Research Labs .... 85 Surry St, Brighton 35 .... Mass
Ellison Draft Gage Co., Inc .... 546 W. Monroe St, Chicago Ill
Evershed & Vignoles Ltd .... Chiswick, London W. 4, England
General Controls Co .... 801 Allen Ave, Glendale 1 .... Cal
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9 .... **1 River Rd. Schenectady 5** .... **NY**
Green Rectifier Co .... 1-10 30th St. Fair Lawn .... NJ
Hill & Co., E. Vernon .... P.O. Box 189, Lake Geneva .... Wisc
Hughes Vacuum Tube ProductsDiv .... 2020 Short St. Oceanside .... Cal
International Pump & Machine Works .... 81 Dixon Ave, Livingston .... NJ
NRC Equipment Corp .... 160 Charlemont St. Newton 61 .... Mass
Precision Thermometer & Instrument Co .... 1432 Brandywine St, Philadelphia .... Pa
Research Industrial Labs. of Electronics .... Roslyn .... Pa
Scientific Engineering Labs .... 1510 6th St. Berkeley 10 .... Cal
SIERRA ELECTRONIC CORP., Adv Pgs 128, 129 .... **3885 Bohannon Dr. Menlo Park** .... **Cal**
STOKES CORP., F. J., Adv. Pgs. 249-252 .... **5500 Tabor Rd. Phila 20** .... **Pa**
Taylor Instrument Cos .... 95 Ames St. Rochester .... NY
Thermovolt Instruments, Ltd .... 71 Advance Rd, Toronto 18, Ontario, Canada
Ulmer Co., H. W. .... 2941 San Luis Rey Rd. Oceanside .... Cal
Vacuum Specialties Co .... 34 Linden St. Somerville .... Mass
Vacuum Technology Inc .... 7933 Gloria Ave. Van Nuys .... Cal
Varian Associates .... 611 Hansen Way, Palo Alto .... Cal
Wallace & Tiernan, Inc .... 25 Main St, Belleville 9 .... NJ

INDICATORS -VIBRATION
Advanced Electronics Inc .... 94 Silas Deane Hwy. Rocky Hill .... Conn
Aerosonics Controls .... 602 Colorado Ave. Santa Monica .... Cal
American Research & Mfg. Corp .... 920 Halpine Ave, Rockville .... Md
B & K Instruments Inc of Bruel & Kjaer .... 3014 W 106th St. Cleveland 11 .... Ohio
Consolidated Electrodynamics Corp .... 360 N. Sierra Madre Villa, Pasadena .... Cal
Dawe Instruments Ltd .... Harlequin Ave. Brentford, Mddx .... Eng
Decker Corp .... 45 Monument Rd. Bala Cynwyd .... Pa
Epic, Inc .... 150 Nassau St, New York 38 .... NY
Erwood Inc .... 1770 Berteau Ave, Chicago 13 Ill
Ferranti Electric Inc .... Industrial Park #1, Plainview .... NY
Fisher Scientific Co .... 713 Forbes Ave. Pittsburg 19 .... Pa
General Dynamics/Electronics, Info Tech Div .... 1895 Hancock St. San Diego 12 .... Cal
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9 .... **1 River Rd. Schenectady 5** .... **NY**
General Radio Co .... West Concord .... Mass
Geotechnical Corp .... 3401 Shiloh Rd. Garland .... Tex
Gulton Industries, Inc .... 212 Durham Ave, Metuchen .... NJ
Indikon Co. Inc .... 76 Coolidge Hill Rd. Watertown 72 .... Mass
International Research & Development Corp .... 6150 Huntley Rd, Worthington .... Ohio
Kahn & Co. Inc .... 885 Wells Rd. Wethersfield .... Conn
Korfund Co. Inc .... Cantiague Rd. Westbury .... NY
MB ELECTRONICS A DIV. OF TEXTRON ELECTRONICS INC., Adv Pg 353 .... **Box 1825, New Haven 8** .... **Conn**
Solartron, Inc .... 1742 S. Zeyn St, Anaheim .... Cal
Wayne Kerr Corp .... 1633 Race St. Philadelphia 3 .... Pa
West Coast Research Corp .... 2102 S. Sepulveda Blvd, Los Angeles .... Cal
Whitehall Electronics Corp .... 1645 Hennepin Ave. Mnnpls 3 .... Minn

INDICATORS -VISCOSITY
Automation Products, Inc .... 3030 Max Roy St, Houston 24 .... Tex
B & F Instruments Inc .... 3644 N Lawrence St. Philadelphia 40 .... Pa
Bendix Corp, Cincinnati Div .... 3130 Wasson Rd. Cincinnati 8 .... Ohio
Bristol Co .... Box 1790 EBG, Waterbury 20 .... Conn
Ferranti Electric Inc .... Industrial Park #1, Plainview .... NY
Fischer & Porter Co .... 476 Warminster Rd, Warminster .... Pa
Foxboro Co., The .... Foxboro .... Mass
POWERTRON ULTRASONICS, Adv Pg 489 .... **Patterson Pl. Roosevelt Fld. Garden City** .... **NY**
Precision Scientific Co .... 3737 W. Cortland, Chicago 47 Ill
Sunshine Scientific Instrument .... 1810 Grant Ave, Philadelphia 15 .... Pa

INDICATORS -VOLUME See METERS -SOUND-LEVEL: METERS -VU
INDICATORS-VSWR See DETECTORS -STANDING-WAVE

INDICATORS -WEIGHT
Bristol Co .... Box 1790 EBG, Waterbury 20 .... Conn
Bytrex Corp .... 50 Hunt St, Newton .... Mass
Chatillon & Sons, John .... 85 Cliff St. New York 38 .... NY

Compu Dyne Corp .... 400 S Warminster Rd. Hatboro .... Pa
Consolidated Airborne Systems .... 900 3rd Ave, New Hyde Park .... NY
DALE ELECTRONICS INC., Adv Pgs 120, 121 .... **Box 488, Columbus** .... **Neb**
Dale Electronics Inc. Sioux Div .... 100 Douglas Ave. Yankton .... SD
Dale Technology Inc .... Box 6124, Sta. B, Albuquerque .... NM
Detecto Scales, Inc .... 540 Park Ave. Brooklyn .... NY
Dillon & Co., Inc., W.C. .... 14620 Keswick St, Van Nuys .... Cal
Foxboro Co., The .... Foxboro .... Mass
Gilmore Industries, Inc .... 13015 Woodland Ave, Cleveland 20 .... Ohio
HOWELL INSTRUMENTS INC., Adv Pg 358 .... **3479 W Vickery Blvd. Fort Worth 7** .... **Tex**
Instrol, Inc .... 135 E. Dela Guerra, Santa Barbara .... Cal
Performance Measurements Co .... 15120 Third Ave, Detroit 3 .... Mich
Revere Corp. of America Sub Neptune Meter Co .... Wallingford 2 .... Conn
Taylor Instrument Cos .... 95 Ames St. Rochester .... NY
Wallace & Tiernan, Inc .... 25 Main St, Belleville 9 .... NJ
West Coast Research Corp .... 2102 S Sepulveda Blvd. Los Angeles .... Cal
Whitehall Electronics Corp .... 1645 Hennepin Ave. Mnnpls 3 .... Minn

INDICATORS -WIND, ELECTRONIC
1. DIRECTION 2. SPEED
Aero Mechanism Inc., 2 .... 13866 Saticoy St., Van Nuys .... Cal
Aeronautical Communication Equipment, Inc., 1-2 .... 3090 S.W. 37 Ave, Miami 33 .... Fla
Beckman & Whitley, Inc., 1-2 .... 993 San Carlos Ave. San Carlos .... Cal
Bendix Corporation, Friez Instrument Div., 1-2 .... 1400 Taylor Ave. Baltimore 4 .... Md
BOWMAR INSTRUMENT CORP., 1, Adv Pg 36 .... **8000 Bluffton Rd. Ft Wayne** .... **Ind**
Bristol Co., 2 .... Box 1790 EBG, Waterbury 20 .... Conn
Cook Technological Center, 1-2 .... 6401 Oakton St, Morton Grove Ill
GB Electronics Corp. Sub. Gen Bronze Corp., 1 .... 711 Stewart Ave. Garden City .... NY
GENERAL ELECTRIC CO. APPARATUS SALES, 2, Adv Pgs 8, 9 .... **1 River Rd. Schenectady 5** .... **NY**
Giannini Controls Corp., 1-2 .... 1600 S. Mountain Ave, Duarte .... Cal
Gem Electronic Corp., 2 .... P.O. Box 2466, W. Palm Beach .... Fla
Hastings-Raydist, Inc., 2 .... Hampton 9 .... Va
Hickok Electrical Instrument Co., 1-2 .... 10532 Dupont Ave. Cleveland 8 .... Ohio
Huyck Systems Co., 2 .... 350 Wolf Hill Rd. Huntington Sta .... NY
Kahl Scientific Instrument Corp., 1-2 .... 737 W Main St, El Cajon .... Cal
MODEL ENG. & MFG. CORP., 1-2, Adv Pg 480 .... **50 Frederick St. Huntington** .... **Ind**
Rotron Mfg Co. Inc., 2 .... Hasbrouck Ln. Woodstock .... NY
SHAPIRO & EDWARDS, 2, Adv Pg 512 .... **1130 Mission St. South Pasadena** .... **Cal**
Specialty Electronics Development Corp., 1-2 .... Eleven Way, Syosset .... NY
Sun Electric Co., 1-2 .... 6323 Avondale St. Chicago 31 Ill
Thermo Electric Co. Inc., 2 .... 109 5th St. Saddle Brook .... NJ
Wal Line Inc., 2 .... 35 S St. Clair St. Dayton 2 .... Ohio
West Coast Research Corp., 1-2 .... 2102 S. Sepulveda Blvd, Los Angeles .... Cal
Westberg Mfg. Co., 1-2 .... Box 239, Napa .... Cal

INDICATOR TUBES See INDICATORS -DIGITAL

INDIUM
Accurate Specialties Co. Inc .... 345 Lodi St. Hackensack .... NJ
Allied Chemical Corp., Baker & Adamson Prods-Gen Chem Div .... 40 Rector St, New York .... NY
American Smelting & Refining Co .... 120 Broadway, New York 5 .... NY
Bram Metallurgical Chemical Co .... 821 65 Ave, Philadelphia 26 .... Pa
Cerro Sales Corp .... 300 Park Ave. New York 22 .... NY
Cominco Products Inc .... 933 W 3rd Ave. Spokane .... Wash
Composite Industrial Metals, Inc .... 215 Georgia Ave, Providence 5 .... RI
Division Lead Co .... 7742 W. 61st Pl, Summit Ill
Indium Corp of America .... 1676 Lincoln Ave, Utica 4 .... NY
A.D. Mackay, Inc .... 198 Broadway, New York 38 .... NY
Penn Rare Metals .... Box 1A, Revere .... Pa
Var-Lac-Oid Chemical Co .... 116 Broad St. New York 4 .... NY

INDOOR ANTENNAS See ANTENNAS -RADIO RECEIVING: ANTENNAS-TV
INDUCTANCE BOXES See BOXES -DECADE & EIA VALUES
INDUCTANCE BRIDGES See BRIDGES
INDUCTANCE CHECKERS See TESTERS -COIL
INDUCTANCE COMPARATORS See COMPARATORS
INDUCTANCE STANDARDS See STANDARDS
INDUCTANCES -FIXED See COILS: TOROIDS

INDUCTANCES -VARIABLE
Basler Electric Co. Magnetic Components .... Box 269, Highland Ill
Bel-Tronics Corp .... Industrial Ave, Addison Ill
BULOVA WATCH CO. INC. ELECTRONICS DIV., Adv Pg 427 .... **61-10 Woodside Ave. Woodside 77** .... **NY**
BURNELL & CO. INC., Adv Pg 207 .... **10 Pelham Pkwy. Pelham** .... **NY**
Clippard Instrument Lab. Inc .... Box 68, Cincinnati 39 .... Ohio
Conrad-Carson Electronics Inc .... 1437 Broadway, El Cajon .... Cal
Corning Glass Works, Corning Electronic Components .... 540 High St. Bradford .... Pa
Crittenden Transformer Works Inc .... 13011 S Spring St. Los Angeles 61 .... Cal
DX Radio Products Co., Inc .... 2300 Armitage Ave, Chicago 47 Ill
DALE ELECTRONICS INC., Adv Pgs 120, 121 .... **Box 488, Columbus** .... **Neb**
Dale Electronics Inc. Sioux Div .... 100 Douglas Ave. Yankton .... SD
Delevan Electronics Corp .... 77 Olean Rd, East Aurora .... NY
ELECTRONIC COILS, INC., Adv Pg 556 .... **33 Lyman St. Springfield** .... **Mass**
Electronic Organ Arts, Inc .... 4949 York Blvd, Los Angeles 42 .... Cal
Fugle-Miller Laboratories, Inc .... 301 Central Ave, Clark .... NJ
Houlihan Co., T.J. .... 2511 W. Lawrence Ave, Chicago 25 Ill
Instrol, Inc .... 135 E. Dela Guerra, Santa Barbara .... Cal
Linell Engineering Corp .... 3974 N. Avondale, Chicago 41 Ill
Magnetic Specialties Inc .... Box 476, Trenton 3 .... NJ
Microtron Inc. Pyrocircuits Div .... 6 Manhasset Ave. Port Washington .... NY
Miller Co., J.W. .... 5917 S Main St. Los Angeles 3 .... Cal
OVITRON CORP., Adv Pg 540 .... **42-62 Johnes St. Newburgh** .... **NY**
PCA ELECTRONICS INC., Adv Pg 208 .... **16799 Schoenborn St. Sepulveda** .... **Cal**
Radio Condenser Co .... Davis & Copewood Sts. Camden 3 .... NJ
Remco Electronics Inc .... 240-1 Old Country Rd. Hicksville .... NY
RIXON ELECTRONICS INC., Adv Pg 412 .... **2414 Reedie Dr. Silver Spring** .... **Md**
SATURN ELECTRONICS CORP., Adv Pg 558 .... **10665 Harry Hines Blvd. Dallas 20** .... **Tex**
SENSITIVE RESEARCH INSTRUMENT CORP., Adv Pg 109 .... **310 Main St. New Rochelle** .... **NY**
Sickles, F.W., Div. General Instrument Corp .... 165 Front St. Chicopee .... Mass
STANDARD WINDING CORP., Adv Pg 540 .... **44-62 Johnes St. Newburgh** .... **NY**
Stanwyck Winding Co .... 137 Walsh Ave, Newburgh .... NY
Summit Coil Co .... 4 Claremont Rd, Bernardsville .... NJ
Trim Electronics Co. Inc .... 49 Danbury Rd. Wilton .... Conn

Vanguard Electronics Co .... 3384 Motor Ave, Los Angeles 34 .... Cal
Weils Electronics Co .... 1701 S Main St. South Bend 23 .... Ind
Wirco Electronics, Inc .... 11650 McBean Dr, El Monte .... Cal

INDUCTION COMMUNICATION SYSTEMS See COMMUNICATION SYSTEMS
INDUCTION HEATERS See HEATERS -ELECTRONIC
INDUCTION-HEATING WORK COILS See COILS
INDUCTION POTENTIOMETERS See SYNCHROS
INDUCTIVE PAGING RECEIVERS See RECEIVERS -PAGING
INDUCTOMETERS See INDUCTANCES -VARIABLE
INDUCTORS -See COILS
INDUSTRIAL MUSIC SYSTEMS See MUSIC SYSTEMS
INDUSTRIAL TV See TV SYSTEMS
INERT GASES See GASES
INERTIAL GUIDANCE GYROS See GYROS
INERTIAL GUIDANCE PLATFORMS See PLATFORMS
INERTIAL GUIDANCE SYSTEMS See GUIDANCE SYSTEMS
INERTIAL STABILIZERS See STABILIZERS

INFRARED EQUIPMENT
1. BOLOMETERS
2. CAMERAS
3. DETECTORS
4. DETECTOR COOLING UNITS
5. FILTERS
6. LAMPS
7. LENSES
8. MODULATORS
9. SOURCES (Incl. BLACK BODIES)
10. SYSTEMS, INDUSTRIAL & COMMERCIAL (EXCEPT OVENS)
11. SYSTEMS, MILITARY (Incl. COMMUNICATION, GUIDANCE & NAVIGATION)
12. SYSTEMS, SCIENTIFIC
13. WINDOWS

AC Spark Plug Div., General Motors, 11 .... 7929 S. Howell, Oak Creek .... Wisc
ACF Electronics Div., 11 .... Riverdale .... Md
AEROLUX LIGHT CORP., 6, Adv Pg 522 .... **653 11th Ave. New York 36** .... **NY**
AIR PRODUCTS INC., 4, Adv Pg 464 .... **Box 538, Allentown** .... **Pa**
American Instrument Co., Inc .... 8030 Georgia Ave, Silver Spring .... Md
Ampere Industries, 9 .... 40 Becker St, Newark 3 .... NJ
Applied Control Corp., 11 .... 1000 Main St. Hackensack .... NJ
Avco Corp., Crosley Div., 11 .... 1329 Arlington St, Cincinnati 25 .... Ohio
Avco Corp. Electronics & Ordnance Div., 11-12 .... Box 116, Cincinnati 15 .... Ohio
Baird-Atomic Inc., 1-3-5-8 .... 33 University Rd. Cambridge 38 .... Mass
Barnes Engineering Co., 1-2-3-4-5-9-10-11-12 .... 30 Commerce Rd, Stamford .... Conn
Bausch & Lomb Inc., 3-5-7-11-12-13 .... 61462 Bausch St. Rochester 2 .... NY
Block Associates, Inc., 3-4-7-8-10-11-12 .... 385 Putnam Ave. Cambridge 39 .... Mass
Carg Labs, Inc., 6 .... 40 Dowrand Rd, New Hyde Park .... NY
CARBORUNDUM CO. REFRACTORIES DIV., 13, Adv Pgs 104, 105 .... **Perth Amboy** .... **NJ**
Ceramaseal, Inc., 13 .... Box 25, New Lebanon Center .... NY
CETRON ELECTRONICS CORP., 3, Adv Pg 379 .... **715 Hamilton, Geneva** .... **Ill**
Chicago Aerial Industries, 7-11 .... 550 W Northwest Hwy. Barrington Ill
Chicago Miniature Lamp Works, 6 .... 1500 N Ogden Ave, Chicago 10 Ill
Cominco Products Inc., 13 .... 933 W 3rd Ave, Spokane .... Wash
Command Systems Inc., 11 .... 1135 N Stanford Ave. Los Angeles 59 .... Cal
Crane Controls Corp., 3-9-10 .... P.O. Box 13, Centerbrook .... Conn
Davidson Optronics Inc., 7 .... 2223 Ramona Blvd. W Covina .... Cal
Daystrom Inc. Military Elec. Div., 11 .... Archbald .... Pa
Decitron Electronics Corp., 11 .... 850 Shephard Ave. Brooklyn 8 .... NY
Dero Research & Dev. Corp., 1-10 .... Broadway & Park Ave. Huntington .... NY
EMI-Cossor Electronics Ltd., 2 .... Box 525 Dartmouth NS .... Can
Eastman Kodak Co., 3-5-7-10-11-12-13 .... 343 State St. Rochester 4 .... NY
Elcon Lab. Inc., 11 .... 238 Main St. Cambridge 42 .... Mass
Electro Radiation Inc., 2-3-10-11-12-13 .... 11916 W Pico Blvd. Los Angeles 64 .... Cal
Electron Technology Inc., 13 .... 626 Schuyler Ave. Kearny .... NJ
Electronics Corp of America, 3-10-11-12 .... 1 Memorial Dr, Cambridge 42 .... Mass
Eppley Lab., Inc., 3 .... 12 Sheffield Ave, Newport .... RI
FXR INC., 1, Adv Pgs 100, 101 .... **25-26 50th St. Woodside 77** .... **NY**
Fairchild Camera & Instrument Corp. Defense Prods Div., 11 .... Robbins Ln. Syosset .... NY
Farrand Optical Co. Inc., 3-7-10-11-12-13 .... Bronx Blvd at 238th St. New York 70 .... NY
Film Resistors Inc., 13 .... 242 Ridgedale Ave. Morristown .... NJ
Flame Research Inc., 1-2-3-11-12 .... Box 10502, Pittsburgh 35 .... Pa
Flight Research, Inc., 2 .... Box 1-F, Richmond 1 .... Va
GB Electronics Corp. Sub. Gen Bronze Corp., 3 .... 711 Stewart Ave. Garden City .... NY
Garrett Corp., The, 4 .... 9851 Sepulveda Blvd, Los Angeles 45 .... Cal
General Aniline & Film Corp., Ansco Div., 2 .... Vestal Pkwy E., Binghamton .... NY
GENERAL ELECTRIC CO. APPARATUS SALES, 3, Adv Pgs 8, 9 .... **1 River Rd. Schenectady 5** .... **NY**
General Electric Co., Heavy Military Electronics Dept., 11 .... Court St, Syracuse .... NY
General Electric Co. Light Military Electronics Dept., 3-4-11 .... French Rd. Utica .... NY
GENERAL ELECTRIC CO. WILLOUGHBY QUARTZ PLANT, 7, Adv Pg 10 .... **Dept. EBG-9, Willoughby** .... **Ohio**
GENERAL ELECTRODYNAMICS CORP., 3, Adv Pg 127 .... **4430 Forest Ln. Garland** .... **Tex**
Geotechnical Corp., 10-11-12 .... 3401 Shiloh Rd. Garland .... Tex
Goodyear Aircraft Corp., 11 .... 1210 Massillon Rd, Akron 15 .... Ohio
Gordon Enterprises, 2-5-6-7 .... 5362 N Cahuenga Blvd. N Hollywood .... Cal
Gulton Industries, Inc., 11 .... 212 Durham Ave. Metuchen .... NJ
HALLICRAFTERS CO., 3, Adv Pg 385 .... **4401 W 5th St. Chicago 24** .... **Ill**
HARSHAW CHEMICAL CO., 12, Adv Pg 504 .... **1945 E 97th St. Cleveland 6** .... **Ohio**
Heiland Div. Minneapolis-Honeywell Regulator Co., 3 .... 5200 E Evans Ave. Denver 22 .... Colo
Hoover Electronics Co., 11 .... 110 W Timonium Rd. Timonium .... Md
Hughes Microwave Components Div., 3-4-5-11 .... Florence & Teale, Culver City .... Cal
ITT Federal Labs. Div. ITT Corp., 3-11 .... 500 Washington Ave. Nutley .... NJ
ITT Labs, Components & Instr Div., 3-4-9-10-11-12-13 .... 3700 E Pontiac St. Ft. Wayne .... Ind
Infrared Industries Inc., 3-5 .... Waltham 54 .... Mass
Intl. Tel. & Tel. Corp. Ind. Prods. Div., 3 .... 15191 Bledsoe St. San Fernando .... Cal
Isomet Corp., 7-13 .... 433 Commercial Ave. Palisades Park .... NJ
Jarrell-Ash Co., 12 .... 26 Farwell St. Newtonville .... Mass
KELLER, JR. JEWELS, HUGO., 7-13, Adv Pg 504 .... **50 E 42 St. New York 17** .... **NY**
Lear Inc., 7-13 .... 3171 S Bundy Dr. Santa Monica .... Cal
Librascope, Div. Gen. Precision Inc., 3-5-11-12 .... 808 Western Ave. Glendale .... Cal
Lundy Mfg Corp., 11 .... Robert Lane, Glen Head .... NY
McDonnell Aircraft Co., 11 .... Box 516, St Louis 66 .... Mo
Martin Co., 3-4-11 .... Mail No. G3037, Baltimore 3 .... Md
Mason Instrument Co. Inc., 3-10-11-12 .... Box 683, Mamaroneck .... NY
Meller Co., Adolf, 7-13 .... Box 6001-Turnkey, Providence .... RI
Melco Products, Inc., 6 .... 1250 Bethel Dr, Eugene .... Ore
Metavac, Inc., 6-7-13 .... 45-68 162 St, Flushing 58 .... NY

Micro Systems, Inc., 3	319 Agostino Rd. San Gabriel	Cal
MICROWAVE CHEMICALS LAB. INC., 8, Adv Pg 555	**282 7th Ave. New York 1**	**NY**
Microwave Semiconductor & Instr. Inc., 1	115-06 Myrtle Ave. Richmond Hill 18	NY
Minn-Honeywell, Military Prods Gr., 3-4-5-6-7-8-11-12-13	2600 Ridgway Rd. Minneapolis 13	Minn
Minn-Honeywell, Semiconductor Prods., 3	1015 S 6th St. Minneapolis 4	Minn
Miskella Infra-Red Co., The, 6	E. 73rd & Grand Ave, Cleveland 4	Ohio
Mullard Equipment, Ltd., 11	Torrington Pl. London WC 1	Eng
MULLARD OVERSEAS LTD., 3, Adv Pg 448	**Torrington Pl. London W.C. 1**	**Eng**
Nassau Microwave Corp., 1	Plainview	NY
Network Electronic Corp., 3	14806 Oxnard St. Van Nuys	Cal
North American Electric Lamp Co., 6	1520 N. 13 St. St. Louis 6	Mo
Nortronics, Div Northrop Corp., 4-11	222 N Prairie Ave. Hawthorne	Cal
Nugent Electronics Co. Inc., 2	802 E 8th St. New Albany	Ind
OHIO SEMICONDUCTORS, 5-13, Adv Pg 87	**1205 Chesapeake Ave. Columbus 12**	**Ohio**
Optical Coating Lab, Inc., 5	2789 Giffen Ave. Santa Rosa	Cal
Optomechanisms Inc., 12	216 E 2nd St. Mineola	NY
Oren Electronic Corp., 10-11	108 Columbus Ave. Tuckahoe	NY
Osborne Research Labs., 3-8-10-11-12	Box 1435, Santa Barbara	Cal
Otis Elevator Co. Def. & Ind. Prod. Div., 1-3-5-7-13	35 Ryerson St. Brooklyn	NY
PEK Labs., Inc., 6-9-13	4724 Transport St, Palo Alto	Cal
Perkin-Elmer Corp., 2-3-7-10-11-12-13	Main Ave. Norwalk	Conn
Peerless Products Div. Borg-Warner Corp., 4	24700 N Miles Rd. Bedford	Ohio
Philco Corp. Govt & Ind Div., 3-11	4700 Wissahickon Ave. Phila 44	Pa
PHILCO CORP. LANSDALE DIV., 3 Adv Pg 88, 89	**501 Church Rd. Lansdale**	**Pa**
Phoenix Precision Instrument Co., 5	3805 N. Fifth St. Philadelphia	Pa
Photobell Co. Inc., 3-10	12 E 22 St. New York 10	NY
Polan Industries Inc., 2-3-5-6-7-10-11-13	Box 1720, Huntington 19	W Va
Poly-Kote, Inc., 5	82 Chestnut St. North Attleboro	Mass
Radiation Electronics Co. Div Comptometer Corp., 2-3-4-5-7-9-10-11-12-13	5600 W Jarvis, Chicago 48	Ill
Radio Corp. of America, Defense Electronic Prods. 11	Bldg. 15-2 Camden	NJ
Raymond De-Icer & Eng. Co. Inc., 10-11-12	5360 Pacific Blvd. Huntington Park	Cal
Raytheon Co. Govt Mfg., 3-11	Lexington 73	Mass
Reeves Instrument Corp., 11	Roosevelt Field, Garden City	NY
Republic Lens Co. Inc., 5-7-13	31 E 16th St. New York 52	NY
Research, Inc., 6	P.O. Box 6164, Edina Br, Minnpls 24	Minn
Reuter-Stokes Electronic Components, Inc., 3-4-13	2149 Hamilton Ave. Cleveland 14	Ohio
SEMI-ELEMENTS INC., 3-7-13, Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
SERVO CORP OF AMERICA, 1-3-5-7-9-10-11-12-13, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Sinclair Radio Labs. Inc., 3	412 Comm. of Comm. Bldg. Buffalo	NY
Solartron Inc., 11	128 Jackson St. Cambridge 40	Mass
Space Electronics Corp., 11-12	930 Air Way, Glendale 1	Cal
Sparton Corp., 3	2400 E Ganson St. Jackson	Mich
Specialty Electronics Development Corp., 11	115 Eileen Way, Syosset	NY
Spectra Electronics Co., 2-8-10-11-12	250 E. 3rd St, Mt. Vernon	NY
Sperry Gyroscope Co. Div. Sperry Rand Corp., 11	Great Neck	NY
Standard Tel. & Cables Ltd., 5	29 Glasshouse Yard, London	Eng
Sylvania Electric Prods Inc. Chem & Metallurgical Div., 7-13	Towanda	Pa
Sylvania Elec Prods Inc. Lighting Prods Div., 6	60 Boston St. Salem	Mass
Sylvania Photolamp & Special Products, 6-8	60 Boston St. Salem	Mass
Telfel Electronics Inc., 11	2795 Brklyn-Qns Exp W, Woodside 77	NY
Tang Industries Inc., 7-13	400 Main St. Waltham 54	Mass
Texas Instruments Incorporated, Apparatus Div. Govt Prods Gr., 5-7-11-13	Box 6015, Dallas 22	Tex
TRANSISTOR SPECIALTIES, 10-11, Adv Pg 325	**Terminal Dr. Plainview**	**NY**
Twentieth Century Electronics Ltd., 3	King Henry's Dr. New Addington, Surrey	Eng
United Mineral & Chemical Corp., 5-7	16 Hudson St. New York 13	NY
U. S. Nuclear Corp., 8	801 N. Lake St. Burbank	Cal
Valpey Crystal Corp., 7-13	1244 Highland St, Holliston	Mass
VARO, INC 2-5-6-7-8-9-10-11 Adv Pg 118	**2201 Walnut St. Garland**	**Tex**
Wallin Optical Systems, Inc., 7	11670 Ventura Blvd, Tarzana	Cal
Westinghouse-Electronics Div., 11	Baltimore	Md
Whittaker Gyro Div. Telecomputing Corp., 11	16217 Lindbergh St. Van Nuys	Cal
Williamson Development Co., 3-9-11	317 Main St. W Concord	Mass
Wintronics, 3	213 S Hawthorne Blvd. Hawthorne	Cal
Zenith Optical Lab., 5-7-13	1940 Great Neck Rd. Copiague	NY

INFRARED FILMS See FILMS -*INFRARED*
INFRARED HEATERS See HEATERS -*INFRARED*
INFRARED OVENS See OVENS, DRYERS & DEHYDRATORS
INGOTS -*PLATING ANODE* See ANODES

INKS

1. MARKING *2. OPAQUING* *3. SILK SCREENING*

Acromark Co., The, 1	323 Morrell St., Elizabeth	NJ
Advance Process Supply Co., 3	2315 W Huron St. Chicago 12	Ill
Americana Chemical Co., 1-2	1775 Broadway, New York 38	NY
Barta-Griffin Co., 1	72 Commercial St. Worcester 1	Mass
Bestcraft Products Co. Inc., 3	676 Broadway, New York	NY
Black Light Corp of America, 1	5112 Walnut Grove Ave. San Gabriel	Cal
Black Light Eastern Corp., 1	4 Manhasset Ave. Port Washington	NY
Black Light Products, 1	4868 N Sheridan Rd. Chicago 40	Ill
Colorado Research Corp., 3	Broomfield	Colo
Dry Screen Process, Inc., 3	1016 Madison Ave. Pittsburgh 12	Pa
Electronic Production & Development, Inc., 3	501 N Prairie Ave. Hawthorne	Cal
ETCHOMATIC INC., 3, Adv Pg 520	**182 Newton St. Waltham 54**	**Mass**
Fadro Inc., 1	Fed. Electr. Bldg. Rockville Centre	NY
General Electric Co. Lamp Metals & Components Dept., 1	21800 Tungsten Rd. Cleveland 17	Ohio
Hagan Chemicals & Controls, Inc.	Hagan Center, Pittsburgh 30	Pa
Huron Industries, 2	Box 104, Port Huron	Mich
INTERNATIONAL EASTERN CORP., 1, Adv Pg 522	**801 6th Ave. New York 1**	**NY**
MARKEM MACHINE CO., Adv Pg 248	**150 Congress St. Keene**	**NH**
Matthews & Co. James H., 1	3821 Forbes Ave. Pittsburgh 13	Pa
Meltel Inc., 1	3000 Arlington Blvd. Falls Church	Va
Metachem Resins Corp. Nereco Prod Div., 1-3	530 Wellington Ave. Cranston 10	RI
Micro-Circuits Co., 3	New Buffalo	Mich
Nazdar Co., P.K., 1	511 N Dwyer St. Arlington Heights	Ill
Ohio & Willocken Ltd	47 Crockford Blvd. Toronto 16	Ont
Phillips Process Co. Inc., 1	192 Mill St. Rochester 14	NY
Shannon Luminous Materials Co., 1-3	7356 Santa Monica Blvd. Hollywood 46	Cal
SPECTRA-STRIP WIRE & CABLE CORP., 1-2, Adv Pg 506	**Box 415, Garden Grove**	**Cal**
STAFFORD MFG. CO. INC., 1-3, Adv Pg 124	**145 50th St. Brooklyn 20**	**NY**
Standard Toch Chemicals Co., 1	2600 Richmond Terr. Staten Island 3	NY
Stroblite Co. Inc	77 W 45 St. New York 36	NY
Ultra-Violet Products, Inc., 1	5114 Walnut Grove Ave. San Gabriel	Cal
Westinghouse-Lamp Div., 1	Bloomfield	NJ

INLAID CIRCUITS See CIRCUITS -*PRINTED WIRING*
INPUT SYSTEMS See AMPLIFIERS - A-F
INPUT TRANSFORMERS See TRANSFORMERS -*IRON-CORE*
INSPECTION CONTROLS See CONTROLS *PROVIDING REQUIRED FUNCTION*
INSPECTION GAGES See GAGES -*INSPECTION*
INSPECTION MATERIALS See MATERIALS -*INSPECTION*
INSTRUMENTATION RECORDING AMPLIFIERS See AMPLIFIERS -*INSTRUMENTATION*
INSTRUMENT CALIBRATION SERVICES See CALIBRATION SERVICES
INSTRUMENT CASES See CASES -*PORTABLE*
INSTRUMENT CONVERTERS - A-C TO D-C See CONVERTERS - A-C *TO D-C INSTRUMENT*
INSTRUMENT DIALS See DIALS
INSTRUMENT DOLLIES See DOLLIES
INSTRUMENT PANELS See PANELS
INSTRUMENTS See AIRCRAFT EQUIPMENT: AUDIOMETERS: BRIDGES: CALIBRATORS: COMPARATORS: INDICATORS: METERS: RATIOMETERS: RECORDERS: STANDARDS: TRACERS: ETC.
INSTRUMENTS -*GRAPHIC RECORDING* See RECORDERS
INSTRUMENTS -*PANEL* See AMMETERS: GALVANOMETERS: METERS - DB: METERS-VU: OHMMETERS: VOLTMETERS: WATTMETERS
INSTRUMENTS -*ULTRASONIC* See ULTRASONIC EQUIPMENT
INSTRUMENT TRANSFORMERS See TRANSFORMERS -*IRON-CORE, SPECIAL*
INSULATED WIRE See WIRE *LISTINGS*
INSULATING BEADS See BEADS
INSULATING CEMENTS See CEMENTS
INSULATING COMPOUND DISPENSERS See DISPENSERS -*ENCAPSULATING & POTTING COMPOUNDS*
INSULATING IMPREGNANTS See IMPREGNANTS
INSULATING PAPER See PAPER
INSULATING VARNISHES See VARNISHES
INSULATING WASHERS See GROMMETS: WASHERS
INSULATION See *INDIVIDUAL PRODUCTS I.E.*, ASBESTOS: BEADS: CERAMICS: COATINGS: PLASTICS: RUBBER: VARNISHES: ETC.
INSULATION TESTERS See TESTERS -*INSULATION*

INSULATORS -*ANTENNA*

1. FEEDER SPREADER *2. RECEIVING* *3. STANDOFF* *4. STRAIN* *5. TOWER BASE* *6. TRANSMITTING, HIGH-VOLTAGE*

AMERICAN LAVA CORP., 1-2-3-4-5-6, Adv Pg 237	**Cherokee & Mfgrs Rd. Chattanooga 5**	**Tenn**
BIRNBACH RADIO CO. INC., 1-2-3-4-6 Adv Pg 529	**145 Hudson St. New York 13**	**NY**
Cambridge Thermionic Corp., 3	445 Concord Ave, Cambridge 38	Mass
Carmer Industries, Inc., 3	22 N. 26 St, Kenilworth	NJ
Carvil Technical Ceramics Inc., 1-3	801-23rd St. Union City	NJ
CENTRALAB ELECTRONICS, DIV. GLOBE-UNION, INC., 1-2-3-4-6, Adv. Pgs. 376, 377	**914Y E Keefe Ave. Milwaukee 1**	**Wis**
Clear Beam Antenna Co., 3	21341 Roscoe Blvd, Canoga Park	Cal
Comco Plastics, Inc., 3	98-40 Jamaica Ave. Richmond Hill	NY
Coors Porcelain Co., 6	600 9th St. Golden	Colo
Culbertson Products, Inc., 3-6	25 Sanson Ave, Madison	NJ
Dielectric Products Engrg. Co. Inc., 1-2-3	Raymond	Me
Garde Mfg. Co., 3	53 John St, Cumberland	RI
Gemex Corp. Industrial Div., 1	1200 Commerce Ave. Union	NJ
GENERAL CERAMICS DIV. INDIANA GENERAL CORP., 1-2-3-4-5-6, Adv Pg 77	**Keasbey**	**NJ**
Gladding, McBean & Co., 1-3-6	1551 S Primrose St. Monrovia	Cal
Goe Engineering Co., 3	219 S Medina Ave. Los Angeles 22	Cal
GRAYHILL, INC., 3, Adv. Pgs. 360, 361	**537 Hillgrove Ave. La Grange**	**Ill**
Hi-Lo Mfg Corp., 3	1122 W Newport Ave. Chicago 13	Ill
I. E. Manufacturing, 3-4-5	3041 Carroll, Chicago 12	Ill
Isolantite Mfg. Corp., 1-2-3-4-6	Stirling	NJ
Jackson Bros (London) Ltd., 3	258 Broadway, New York 7	NY
Johnson Co., E.F., 1-2-3-4-6	Waseca	Minn
Kirchberger & Co., Inc., M., 3	248 Humphrey St, Englewood	NJ
LAPP INSULATOR CO. INC. RADIO SPECIALITIES DIV., 1-3-4-5-6, Adv Pgs 340, 341	**31 Gilbert St. Le Roy**	**NY**
Lindsay Antenna & Specialty Prods., Ltd., 3	50 Mary St, Lindsay, Ontario, Canada	
Materials for Electronics Inc., 3-5-6	152-25 138 Ave. Jamaica 34	NY
Midwest Foam Products Co	1632 Chicago Ave. Evanston	Ill
Millen Mfg. Co., James, 3	150 Exchange St. Malden	Mass
Minn-Honeywell, Ceramics Lab., 3	Box 441, Minneapolis 40	Minn
Molding Corp of America, 3	42 Church St, Pawtucket	RI
Mykroy, Inc., 1-2-3-4-5-6	645 Wheeling Rd. Wheeling	Ill
National Ceramic Co., 1-3-4	500 Southard St. Trenton 2	NJ
Nemo Labs, Inc., 3-6	8 Lawrence St. Belleville 7	NJ
Permali Inc., 2-3-4-5-6	Box 718, Mt. Pleasant	Pa
PRECISE MEASUREMENTS CO., 6 Adv Pg 322	**R.D.1, Millbrooks Rd. Flemington**	**NJ**
ROHN MANUFACTURING CO., 4-5, Adv Pg 117	**Box 2000, Peoria**	**Ill**
Ross Co., Milton, 3-4	239 Jacksonville Rd. Hatboro	Pa
Rostone Corp., 3-4	Rt 52 South, Lafayette	Ind
SEALECTRO CORP., 3, Adv Pg 352	**139 Hoyt Ave. Mamaroneck**	**NY**
Smith, Inc. Herman H., 3	2326 Nostrand Ave. Brooklyn 10	NY
Solar Mfg. Corp., 3	4553 Seville Ave, Los Angeles 58	Cal
South River Metal Products Co., Inc., 3	377 Turnpike, South River	NJ
Sphere Co. Inc., The, 6	29 Amity St. Little Falls	NJ
Star Porcelain Co., 3-4	61 Muirhead Ave, Trenton 9	NJ
Steward Mfg Co., D.M., 3	3600 Jerome Ave. Chattanooga 1	Tenn
SUPERIOR STEATITE & CERAMIC CORP., 3 Adv Pg 536	**83-91 W Forest Ave. Englewood**	**NY**
Thor Ceramics, Inc., 1-3-4-5-6	225 Belleville Ave. Bloomfield	NJ
Tricraft Products Corp., 3	1124 W Newport Ave. Chicago 13	Ill
United Products Co., 3-4	165 Franklin Ave. Nutley 10	NJ
Western Coil & Electrical Co., 3	215 State St, Racine	Wisc
WHITSO INC., 3, Adv Pg 488	**9328 Byron St. Schiller Park**	**Ill**
WIND TURBINE CO., 1-2-3-4-5-6, Adv Pg 388	**E Market St. West Chester**	**Pa**

INSULATORS -*CAN LINER*

Auburn Mfg. Co., The	Pease Ave. & Stack St. Middletown	Conn
Bestcraft Products Co. Inc	676 Broadway, New York	NY
CARBORUNDUM CO. REFRACTORIES DIV., Adv Pgs 104, 105	**Perth Amboy**	**NJ**
Gladding, McBean & Co.	1551 S Primrose St. Monrovia	Cal
Mykroy, Inc	645 Wheeling Rd. Wheeling	Ill
Ross Co., Milton	239 Jacksonville Rd, Hatboro	Pa
West Virginia Pulp & Paper Co	Covington	Va

INSULATORS -*CERAMIC* See CERAMICS

INSULATORS -*FEED-THROUGH*

1. HERMETICALLY SEALED *2. NOT HERMETICALLY SEALED*

Aerolite Electronics Corp., 2	2207 Summit Ave. Union City	NJ
Aeroseal Inc., 1	801 23rd St. Union City	NJ
Alite Div., U.S. Stoneware Co., 1	P.O. Box 119, Orrville	Ohio
AMERICAN LAVA CORP., 1-2, Adv Pg 237	**Cherokee & Mfgrs Rd. Chattanooga 5**	**Tenn**
Atmo Seal Co., 1	4321 Fielding St., Cincinnati 9	Ohio
Bevtron Electronics Corp., 1	59 Park St. Beverly	Mass
BIRNBACH RADIO CO. INC., 2, Adv Pg 529	**145 Hudson St. New York 13**	**NY**
CFI CORP., 1, Adv Pg 294	**Cottage Pl. Mineola**	**NY**
CARBORUNDUM CO. REFRACTORIES DIV., 1-2, Adv Pgs 104, 105	**Perth Amboy**	**NJ**
Carmer Industries, Inc	22 N. 26 St. Kenilworth	NJ
Carvil Technical Ceramics Inc., 1	801-23rd St. Union City	NJ
CENTRALAB ELECTRONICS, DIV. GLOBE-UNION, INC., 1-2, Adv. Pgs. 376, 377	**914Y E Keefe Ave. Milwaukee 1**	**Wis**
Ceramaseal, Inc., 1-2	P.O. Box 25, New Lebanon Center	NY
Components for Research Inc., 1-2	979 Commercial St. Palo Alto	Cal
Coors Porcelain Co., 1	600 Ninth St. Golden	Colo
Culbertson Products, Inc., 1	25 Sanson Ave, Madison	NJ
DAGE ELECTRIC CO., 1, Adv. Pgs. 382, 383, 384	**67 N Second St. Beech Grove**	**Ind**
Deutsch Co. Electronic Comps. Div., 1	Municipal Airport, Banning	Cal
Electro-Ceramics, Inc., 1-2	2645 S 2nd W. Salt Lake City 15	Utah
Frenchtown Porcelain Co., 1-2	Frenchtown	NJ
Garde Mfg. Co., 1-2	53 John St, Cumberland	RI
Garlock Electronic Products, Garlock Inc., 1-2	Camden 1	NJ
GENERAL CERAMICS DIV. INDIANA GENERAL CORP., 1-2, Adv Pg 77	**Keasbey**	**NJ**
Gladding, McBean & Co., 1-2	1551 S. Primrose St, Monrovia	Cal
Goe Engineering Co., 2	219 S Medina Ave. Los Angeles 22	Cal
Greenfield Components Corp., 1-2	114 Shelburne St. Greenfield 16	Mass
Hermaseal Co. Inc., 1	1101 N Main St. Elkhart	Ind
Hermetite Corp., 1	100 Ladd Dr. Avon	Mass
Hobson Brothers, Inc., 2	4940 W. Lawrence Ave, Chicago 30	Ill
Isolantite Mfg. Corp., 1-2	Stirling	NJ
Johnson Co., E.F., 2	Waseca	Minn
Jones Electronics, Howard, 1-2	2519 W. Olive Ave, Burbank	Cal
Kahl Scientific Instrument Corp., 1	737 W Main St. El Cajon	Cal
LAPP INSULATOR CO. INC. RADIO SPECIALITIES DIV., 1-2, Adv Pgs 340, 341	**31 Gilbert St. Le Roy**	**NY**
Lyn-Tron, Inc., 2	5950 Riverton Ave. North Hollywood	Cal
Marstan Electronics Corp., 2	204 Babylon Tnpk, Roosevelt	NY
Materials for Electronics Inc., 1-2	152-25 138 Ave. Jamaica 34	NY
Millen Mfg. Co., James, 2	150 Exchange St, Malden	Mass
Minn-Honeywell, Ceramics Lab., 1	Box 441, Minneapolis 40	Minn
Molding Corp of America, 1-2	42 Church St, Pawtucket	RI
Mykroy, Inc., 1-2	645 Wheeling Rd, Wheeling	Ill
National Ceramic Co., 2	500 Southard St. Trenton 2	NJ
Networks Electronic Corp., 1	14806 Oxnard St, Van Nuys	Cal
Parker Seal Co. Div. Parker-Hannifin Corp., 1	10567 Jefferson Blvd. Culver City	Cal
Plastronic Engineering Co., 2	721 Boston Post Rd, Marlborough	Mass
PRECISE MEASUREMENTS CO., 1-2 Adv Pg 322	**R.D.1, Millbrooks Rd. Flemington**	**NJ**
Quality Components Inc., 2	Daguscahonda	Pa
Rimak Electronics Inc., 2	10929 Vanowen St. N Hollywood	Cal
Ross Co., Milton, 1-2	239 Jacksonville Rd. Hatboro	Pa
Rostone Corp., 2	Rt 52 South, Lafayette	Ind
SEALECTRO Corp., 2, Adv Pg 352	**139 Hoyt Ave. Mamaroneck**	**NY**
Silicone Seals, Inc., 1	3094 Milwaukee Ave, Chicago 41	Ill
Solar Mfg. Corp., 1-2	4553 Seville Ave, Los Angeles 58	Cal
Sphere Co., Inc., The, 1-2	29 Amity St., Little Falls	NJ
Star Porcelain Co., 2	61 Muirhead Ave. Trenton 9	NJ
Strat-O-Seal Mfg. Co., 1	1039 W. Fullerton Ave, Chicago 47	Ill
TEFCO CORP., 2, Adv Pg 500	**28 Willett St. Port Chester**	**NY**
Thor Ceramics, Inc., 1-2	225 Belleville Ave, Bloomfield	NJ
TORWICO ELECTRONICS INC., 1, Adv Pgs 491, 492	**Route 70, Lakewood**	**NJ**
Triad Transformer Corp., 1	4055 Redwood Ave. Venice	Cal
UCINITE CO. DIV. UCF, 2, Adv Pg 69	**459 Watertown St. Newtonville**	**Mass**
Uni-Seal, Inc., 1	477 North Ave, Garwood	NJ
United Products Co., 1-2	165 Franklin Ave. Nutley 10	NJ
U.S. Engineering Co., Div., Litton Ind., 2	13536 Saticoy, Van Nuys	Cal
VACTRONIC LAB. EQUIPMENT, INC., 1, Adv Pg 560	**21 Monmouth Ct. East Northport**	**NY**
Varian Associates, 1-2	611 Hansen Way, Palo Alto	Cal
Warren Components Div., El-Tronics, 1	S. Irvine St, Warren	Pa
WHITSO INC., 2, Adv Pg 488	**9328 Byron St. Schiller Park**	**Ill**
WIND TURBINE CO., 2, Adv Pg 388	**E Market St. West Chester**	**Pa**

INSULATORS -*FUSED QUARTZ* See QUARTZ -*FUSED*
INSULATORS -*PLASTIC* See PLASTICS

INSULATORS -*TEST CLIP*

AMERICAN LAVA CORP., Adv Pg 237	**Cherokee & Mfgrs Rd. Chattanooga 5**	**Tenn**
BIRNBACH RADIO CO. INC., Adv Pg 529	**145 Hudson St. New York 13**	**NY**
I. E. Manufacturing	3041 Carroll, Chicago 12	Ill
INDUSTRIAL DEVICES, INC., Adv Pg 540	**Edgewater 8**	**NJ**
Mueller Electric Co.	1583H E. 31st St, Cleveland 14	Ohio
Mykroy, Inc.	645 Wheeling Rd, Wheeling	Ill
Smith, Inc., Herman H.	2326 Nostrand Ave, Brooklyn 10	NY
Sorensen Industrial Electronic Co	Rt 10, Dover	NJ
Walsco Electronics Mfg. Co	400 S Wyman St. Rockford	Ill

INSULATORS -*THERMOCOUPLE*

AMERICAN LAVA CORP., Adv Pg 237	**Cherokee & Mfgrs Rd. Chattanooga 5**	**Tenn**
CARBORUNDUM CO. REFRACTORIES DIV., Adv Pgs 104, 105	**Perth Amboy**	**NJ**
Continental Sensing, Inc	1950 N Ruby St. Melrose Park	Ill
Engelhard Industries Inc	113 Astor St. Newark 2	NJ

Gladding, McBean & Co. ... 1551 S. Primrose St, Monrovia ... Cal
Kurtberger & Co., Inc., M. ... 248 Humphrey St, Englewood ... NJ
Mylroy, Inc ... 645 Wheeling Rd, Wheeling ... Ill
NATIONAL BERYLLIA CORP Adv Pg 552 ... **1st & Haskell, Haskell** ... **NJ**
Norton Co ... 1 New Bond St, Worcester 6 ... Mass
Star Porcelain Co ... 61 Muirhead Ave. Trenton 9 ... NJ
Steward Mfg Co., D.M. ... 3600 Jerome Ave, Chattanooga 1 ... Tenn
SUPERIOR STEATITE & CERAMIC CORP., Adv Pg 536 ... **83-91 W Forest Ave. Englewood** ... **NJ**
Thor Ceramics, Inc ... 225 Belleville Ave, Bloomfield ... NJ
West Instrument Corp ... 4363 W Montrose Ave, Chicago 41 ... Ill
Zirconium Corp of America ... 31501 Solon Rd, Solon 39 ... Ohio

INSULATORS —*TV YOKE*

American Molded Products Co. ... 2727 W. Chicago Ave, Chicago 22 ... Ill
Sillcocks-Miller Co ... Maplewood ... NJ

INTEGRATING AMPLIFIERS See AMPLIFIERS —*COMPUTER*
INTEGRATING GYROS See GYROS

INTEGRATORS

1. ELECTRONIC (DIGITAL OR ANALOG COMPUTER) 2. MECHANICAL (ANALOG COMPUTER) 3. PULSE HEIGHT

Abacus, Inc., 1 ... 3000 Overland Ave, Los Angeles 34 ... Cal
Allegany Instrument Co. Div. Textron Electronics, Inc., 1 ... 1091 Wills Mountain, Cumberland ... Md
Bailey Meter Co., 2 ... 1050 Ivanhoe Rd, Cleveland 10 ... Ohio
Bell Aerospace Corp., 2 ... Box 1, Buffalo 5 ... NY
Bill & Gossett Co., 2 ... 8200 N. Austin Ave, Morton Grove ... Ill
Chance Vought Corp. Vought Electronics Div., 1 ... Box 5907, Arlington ... Tex
Computer Sciences, Inc., 1-2 ... 600 Main St. Westbury ... NY
Computers Inc., 1 ... 3407 S Shepherd Dr, Houston 6 ... Tex
Consolidated Avionics Corp., 1 ... 800 Shames Dr, Westbury ... NY
Control Equipment Corp., 1 ... 19 Kearney Rd, Needham Heights 94 ... Mass
Data Equipment Co., 1-2-3 ... 123 E. 3rd St, Los Angeles 13 ... Cal
Decker Corp., 1 ... 45 Monument Rd, Bala Cynwyd ... Pa
Del Mar Engineering Labs. Inc., 1 ... 6901 Imperial Hwy, Los Angeles 45 ... Cal
Di/An Controls, Inc., 1 ... 944 Dorchester Ave, Boston ... Mass
Digitool Corp., 1 ... 5300 Brownway Rd, Houston 27 ... Tex
Djeco, Div., Djordjevic Engrg Co., 1 ... 1951 N. Damen, Chicago 47 ... Ill
Donner Scientific Co., 1-2 ... 888 Galindo St, Concord ... Cal
ELDORADO ELECTRONICS CO., 1-2-3, Adv Pg 308 ... **2821 - 10th St. Berkeley** ... **Cal**
Feedback Controls Inc., 1-2 ... 8 Erie Drive, Natick ... Mass
Ford Instrument Co. Div. Sperry Rand Corp., 2 ... 31-10 Thomson Ave. Long Island City 1 ... NY
Foxboro Co., The, 2 ... Foxboro ... Mass
Franklin Electronics Inc., 3 ... E 4th St, Bridgeport ... Pa
Franklin Systems, Inc., 3 ... Box 3250, W Palm Beach ... Fla
GPE Controls, Inc., 2 ... 240 E. Ontario St, Chicago 11 ... Ill
GAP INSTRUMENT CORP., 2, Adv Pg 484 ... **5 Main St. Newtown** ... **Conn**
GENERAL APPLIED SCIENCE LABS. INC., 1, Adv Pg 525 ... **Merrick & Stewart Aves. Westbury** ... **NY**
General Electric Co. Light Military Electronics Dept., 1-2 ... French Rd, Utica ... NY
General Time Corp. Incremag Div., 1 ... Progress Dr, Stamford ... Conn
Genisys Corp., Sub. Chance Vought, 1 ... 10131 National Blvd, Los Angeles 34 ... Cal
Harowe Servo Control Inc., 1 ... Mount Rd, Lenni Mills ... Pa
IBM Federal Systems Div., 1 ... 1120 Conn. Ave, Washington 6 ... DC
Industrial Control Co., 1-2 ... Central Ave. N. Pinelawn, Farmingdale ... NY
KEARFOTT DIV., GEN PRECISION INC., 1-2, Adv Pg 394 ... **Little Falls** ... **NJ**
Lear Inc., 1-2 ... 3171 S Bundy Dr, Santa Monica ... Cal
Link Div. Gen. Precision Inc., 1-2-3 ... Binghamton ... NY
McDonnell Aircraft Co., 1 ... Box 516, St Louis 66 ... Mo
MacLaren & Co. Inc., F. B., 2 ... 15 Stepar Pl, Huntington Station ... NY
Marquardt Corp. Pomona Div., 1-2-3 ... 2709 N Garey Ave, Pomona ... Cal
Med-Tronics Mfg. Co. Inc., 1 ... 2019 Westchester Ave, New York 62 ... NY
Mellon Electronics Corp., 1 ... 41 Toledo St, Farmingdale ... NY
Mini-Rad, Inc., 3 ... 7416-E Varna Ave, N. Hollywood ... Cal
Minn-Honeywell, Military Prods Gr., 1-2 ... 2600 Ridgway Rd, Minneapolis 13 ... Minn
Minotronics Div. Voloc Inst. Inc., 1-3 ... 6344 Arizona Cir, Los Angeles 45 ... Cal
Ortronix, Inc., 1-3 ... Forsythe Rd, Box 8217, Orlando ... Fla
Radiation Technology, Inc., 1-3 ... 657 Antone St, NW Atlanta 18 ... Ga
REFLECTONE ELECTRONICS, INC., 2, Adv Pg 548 ... **W Main & Myano La. Stamford** ... **Conn**
Ridgefield Instrument Group, Schlumberger Corp., 1 ... Box 337, Ridgefield ... Conn
Servomechanisms, Inc., 1 ... 200 N Aviation Blvd, El Segundo ... Cal
Solartron, Inc., 1 ... 1742 S. Zeyn St, Anaheim ... Cal
Solution Inc., 2 ... 128 Jackson St, Cambridge 40 ... Mass
Stony Brook Labs., 1 ... 55 State Rd, Princeton ... NJ
Sun Electric Co., 1-2 ... 6323 Avondale St, Chicago 31 ... Ill
Thompson Ramo Wooldridge Inc. Tapco Group, 2 ... 23555 Euclid Ave, Cleveland 17 ... Ohio
Topp Industries, Inc., 2 ... 5221 W. 102 St, Los Angeles 45 ... Cal
Transline Electronic Mfg. Co., 1-2 ... 508 McCarter Hwy, Newark 2 ... NJ
Victor Adding Machine Co., 1 ... 3900 N Rockwell St, Chicago 18 ... Ill
Wang Laboratories, Inc., 1 ... 12 Huron Dr, Natick ... Mass
Woodland Electronics Co. Inc., 1-2 ... 503 McCarter Hwy, Newark 2 ... NJ

INTENSIMETER See DOSIMETER; METERS —*X-RAY INTENSITY*

INTERCOMMUNICATION SYSTEMS

1. WIRED, ELECTRONIC 2. WIRED, SOUND-POWERED 3. WIRELESS

AIWA CO. LTD., 3, Adv Pg 264 ... **4 Motosakuma-cho, Kanda Chiyoda-ku, Tokyo** ... **Jap**
ALDEN ELECTRONIC & IMPULSE RECORDING EQUIP CO., 1, Adv Pg 358 ... **P.O. Box 125, Westboro** ... **Mass**
Altec Lansing Corp., 1 ... 1515 S Manchester Ave, Anaheim ... Cal
American Development Electronics Co., 1 ... 77 Prince St, Newark 8 ... NJ
Ampco Mfg Co., 1 ... 240 E 3rd St, Plainfield ... NJ
Amplivox Ltd., 1 ... Beresford Ave, Wembley, Middlesex, England
Bennett Laboratories Inc., 1-3 ... 1475 Powell St, Emeryville 8 ... Cal
Bliss Electronic Corp., 1 ... P.O. Box 366, Summit ... NJ
Bogen-Presto Div., Siegler Corp., 1 ... P.O. Box 500, Paramus ... NJ
Bristol Motor Div. Vocaline Co. of Amer., 3 ... Old Saybrook ... Conn
Bruno-New York Industries Corp., 1 ... 460 W 34th St, New York 1 ... NY
Cadre Industries Corp., 3 ... Box 150, Endicott ... NY
Calbest Electronics Co., 1 ... 4801 Exposition Blvd, Los Angeles 16 ... Cal
Campbell-Norquist & Co., 1 ... 305 NE Russell St, Portland ... Ore
Canadian Aviation Electronics Ltd., 1 ... Box 2000, Montreal 9 ... P.Q.

Capehart Corp., 1 ... 87-46 123rd St. Richmond Hill 18 ... NY
Continental Electronics Corp., 1-2 ... 302 Oakland St. Brooklyn 22 ... NY
Diamond Antenna & Microwave Corp., 3 ... River St, Winchester ... Mass
EMI-Cossor Electronics Ltd., 1 ... Box 525 Dartmouth NS ... Can
Electric Switch Corp., 1 ... 2320 S Tibbs Ave, Indianapolis 41 ... Ind
Electronic Controls Inc., 1-2 ... 66 Southfield Ave, Stamford ... Conn
Executone, Inc., 1 ... 415 Lexington Ave, New York 17 ... NY
Fanon Electronic Industries, Inc., 1-2-3 ... 439 Frelinghuysen Ave. Newark ... NJ
Fidelity Amplifier Co., 1 ... 1615 N Halsted St, Chicago 14 ... Ill
Fisher Berkeley Corp., 1-3 ... 1475 Powell St. Emeryville 8 ... Cal
Flush Wall Radio Co., 1 ... 1012 Cleveland St, Clearwater ... Fla
Franklin Systems, Inc., 1 ... Box 3250, W Palm Beach ... Fla
General Dynamics/Electronics, 1-3 ... 1400 Carlson Rd, Rochester 3 ... NY
Giulio Electronics, Div. Textron Electronics, Inc., 3 ... 22-30 S 34th St. Council Bluffs ... Iowa
Godfrey Mfg. Co., 1-2-4 ... 1633 N Halsted St. Chicago 14 ... Ill
Heath Co., A Sub of Daystrom, Inc., 1 ... Benton Harbor ... Mich
Instrument Laboratories, 1-2 ... 315 W Walton Pl. Chicago 10 ... Ill
ITEK ELECTRO PRODUCTS CO., 3, Adv Pg 140 ... **75 Cambridge Pkwy. Cambridge** ... **Mass**
Johnson Co., E.F., 3 ... Waseca ... Minn
Kellogg Switchboard & Supply Co., 1-2 ... 6650 S Cicero Ave, Chicago 38 ... Ill
Lake Mfg. Co., 1 ... 2303 Chestnut St, Dept E, Oakland 7 ... Cal
Loge Electronics, Inc., 1 ... 2171 W Washington Blvd, LA 18 ... Cal
Miratel, Inc., 3 ... 1 St. SE & Richardson, New Brighton 12 ... Minn
Morrow Radio Mfg. Co., 3 ... 2794 Market St, Salem ... Ore
Multitone Electronics Ltd., 3 ... 130 Merton St. Toronto 7 ... Can
Neill Co., Inc., R.W., 1 ... 4325 W. Montrose, Chicago 41 ... Ill
Nugent Electronics Co. Inc., 1 ... 802 E 8th St. New Albany ... Ind
OKI ELECTRIC INDUSTRY CO. LTD., 1-2, Adv Pg 257 ... **10 Shiba Takahama-cho Minato-ku, Tokyo** ... **Jap**
Precision Electronics, Inc., 2 ... 9101 King St, Franklin Park ... Ill
Radio Corp. of America, Defense Electronic Prods. 1 ... Bldg. 15-2 Camden ... NJ
RADIO CORP. OF AMERICA, INDL ELECTRONIC PRODS., 1-3, Adv Pg 391 ... **Front & Cooper, Camden** ... **NJ**
Rim Electronics, Inc., 1 ... 600 Industrial Ave, Paramus ... NJ
Ratelco, 1 ... 820 Minor Ave, N, Seattle ... Wash
Rauland-Borg Corp., 1 ... 3515 W. Addison St, Chicago 18 ... Ill
RECTICO INC., 1 Adv Pg 549 ... **20 Factory St. Cedar Grove** ... **NJ**
Rediffon, Ltd., 1 ... Broomhill Rd, Wandsworth, London SW 18 ... England
Remler Co., 1 ... 2101 Bryant St, San Francisco 10 ... Cal
Rowwell Corp., 1 ... 180 Varick St. New York 14 ... NY
Secode Corp., 1 ... 555 Minnesota St, San Francisco 7 ... Cal
Seincor Div. Seismograph Service Corp., 1-3 ... 6200 E 41 St. Tulsa ... Okla
Sorensen Industrial Electronic Co., 1 ... Route 10, Dover ... NJ
Sparton Corp., 1-3 ... 2400 E. Ganson St, Jackson ... Mich
Standard Tel. & Cables Ltd., 1-2-3 ... 29 Glasshouse Yard, London ... Eng
Stanco, Inc., 1 ... 50 Silver St, Middletown ... Conn
Talk-A-Phone Co., 1-3 ... 5013 N. Kedzie Ave, Chicago 25 ... Ill
Telecom, Inc ... 1019 Admiral Blvd, Kansas City ... Mo
Telectro Industries Corp., 1-2 ... 35-16 - 37th St. Long Island City 1 ... NY
Telephonics Corp., 1-2 ... Park Ave, Huntington ... NY
Translite Electronics Corp., 1 ... 5720 W. Armitage Ave, Chicago 39 ... Ill
Trans-Tel Corp., 1 ... 910 N. Orange Dr, Los Angeles 38 ... Cal
U. S. Instrument Corp., 1-2 ... Box 1288BC, Charlottesville ... Va
University Loudspeakers Inc., 1-2 ... 80 S Kensico Ave, White Plains ... NY
Virginia Electronics Co., Inc., 1 ... 5209 River Rd, Washington 16 ... DC
Vocaline Co. of America, Inc., 1-3 ... Old Saybrook ... Conn
Westinghouse-TV Radio Div., 3 ... Metuchen ... NJ
WHEELER ELECTRONIC CORP. SUB. SPERRY RAND CORP., 2, Adv Pg 498 ... **150 E Aurora St. Waterbury 20** ... **Conn**
Wickes Engineering & Construction Co., 1 ... 12th St. & Ferry Ave. Camden 4 ... NJ

INTERFERENCE FILTERS See FILTERS

INTERFEROMETERS

Bausch & Lomb Inc ... 61467 Bausch St. Rochester 2 ... NY
Block Associates, Inc ... 385 Putnam Ave. Cambridge 39 ... Mass
Central Scientific Co. Div. Cenco Instr Inc ... 1700 Irving Park Rd. Chicago 13 ... Ill
Diamond Antenna & Microwave Corp ... River St, Winchester ... Mass
Epic, Inc ... 150 Nassau St, New York 38 ... NY
Flame Research Inc ... Box 10502, Pittsburgh 35 ... Pa
Gulton Industries, Inc ... 212 Durham Ave, Metuchen ... NJ
McMillan Industrial Corp ... Brownville Ave, Ipswich ... Mass
OMEGA LABORATORIES INC., Adv Pg 726 ... **Box 309, Rowley** ... **Mass**
Optomechanisms, Inc ... 216 E. Second St, Mineola ... NY
Ryan Electronics Div. Ryan Aero. Co ... 5650 Kearny Mesa Rd. San Diego 12 ... Cal
U. S. Nuclear Corp ... 801 N. Lake St, Burbank ... Cal

INTERLOCK CONNECTORS See CONNECTORS
INTERMEDIATE FREQUENCY See I-F LISTINGS
INTERMETALLIC CRYSTALS See CRYSTALS —*SEMICONDUCTOR*

INTERMETALLICS —*SEMICONDUCTOR (RAW MATERIAL ONLY)*

American Silver Co. Inc ... 36-07 Prince St. Flushing 54 ... NY
Anchor Metal Co., The ... 966 Mesker Ave, Brooklyn 22 ... NY
Cominco Products Inc ... 933 W 3rd Ave, Spokane ... Wash
Crys-Tech Inc ... 1534 E Chestnut St, Santa Ana ... Cal
Emerson & Cuming, Inc ... 869 Washington St. Canton ... Mass
GENERAL THERMOELECTRIC CORP., Adv Pg 497 ... **Princeton** ... **NJ**
A.D. Mackay, Inc ... 198 Broadway, New York 38 ... NY
Materials for Electronics Inc ... 152-25 130 Ave. Jamaica 34 ... NY
SEMI-ELEMENTS INC., Adv Pg 524 ... **Saxonburg Blvd. Saxonburg** ... **Pa**
SOLID STATE MATERIALS CORP Adv Pg 500 ... **5 Erie Dr. East Natick** ... **Mass**
Tang Industries Inc ... 400 Main St. Waltham 54 ... Mass
United Mineral & Chemical Corp ... 16 Hudson St, New York 13 ... NY
Var-Lac-Oid Chemical Co ... 115 Broad St. New York 4 ... NY

INTERMITTENT RECORDERS See RECORDERS —*INTERMITTENT*
INTERMODULATION ANALYZERS, METERS & TESTERS See ANALYZERS —*INTERMODULATION*
INTERSTAGE TRANSFORMERS See TRANSFORMERS —*IRON-CORE*
INTERVALOMETERS See TIMERS

INVERTERS — *D-C TO A-C*

1. ROTARY 2. SOLID-STATE 3. VIBRATOR-TYPE

AC Electronics, Inc., 2 ... 11725 Mississippi Ave. Los Angeles 25 ... Cal
AR & D A, 2 ... 135 Main St. Belleville 9 ... NJ
ACCURATE INSTRUMENT CO., 2, Adv Pg 390 ... **2418 W Alabama, Houston 6** ... **Tex**
Aero Mechanism Inc., 2 ... 13856 Saticoy St, Van Nuys ... Cal
Aerolab Development Co., 2 ... 330 W. Holly St, Pasadena ... Cal
Airborne Accessories Corp., 2 ... 1414 Chestnut Ave, Hillside ... NJ
AIRPAX ELECTRONICS INC. CAMBRIDGE DIV., 2-3, Adv Pg 166 ... **Cambridge** ... **Md**
Allen Business Machine, Inc., R. C., Aircraft Inst. Div., 2 ... 333 Commerce SW, Grand Rapids ... Mich
American Electronics Inc. Precision Power Div., 2 ... 1598 E Ross Ave, Fullerton ... Cal
Amer-Monarch Corp. Amer. Elec. Div., 2 ... 2801 37th Ave. NE, Minneapolis 18 ... Minn
American Research & Mfg. Corp., 2 ... 920 Halpine Ave, Rockville ... Md
AMERICAN TELEVISION & RADIO CO., 2-3, Adv Pg 324 ... **300 E 4th St. St Paul 1** ... **Minn**
Anders Electronics, Inc., 2 ... 30 Brook Rd. Needham Heights 94 ... Mass
Applied Control Corp., 2 ... 1000 Main St. Hackensack ... NJ
Arnec Corp., 2-3 ... 195 W Hills Rd, Huntington Sta. ... NY
Atlas Controls Inc., 2 ... Dept. EM, 9 Erie Dr. Natick ... Mass
BALLANTINE LABS. INC., 3, Adv Pg 156 ... **Boonton** ... **NJ**
Basler Electric Co. Systems Sales, 2 ... Box 384, Highland ... Ill
Behlman Engineering Co., 2 ... 2911 Winona Ave, Burbank ... Cal
Bergen Labs., Inc., 2 ... 40 Spruce St, Paterson ... NJ
Bill Jack Scientific Instrument Co., 1 ... 143 Cedros Ave. Solano Beach ... Cal
Bogue Electric Mfg. Co ... 52 Iowa Ave, Paterson 3 ... NJ
Boulevard Electronics Inc., 2 ... 4757 N Ravenswood Ave, Chicago 40 ... Ill
Brach Mfg. Corp., 2 ... 200 Central Ave, Newark ... NJ
CTS of Canada Ltd., 2 ... 80 Thomas St. Streetsville ... Ont
Campbell Co. Inc., Colin, 2 ... Mry Brook Rd. Danbury ... Conn
Carter Motor Co., 1 ... 2746 W. George St, Chicago 18 ... Ill
Collins Electronics, Inc., 3 ... Stevensville ... Md
Command Systems Inc., 2 ... 1135 N Sanford Ave, Los Angeles 59 ... Cal
Communication Measurements Lab., Inc., 2 ... 350 Leland Ave, Plainfield ... NJ
Computers Inc., 2 ... 3407 S Shepherd Dr. Houston 6 ... Tex
Consolidated Avionics Corp., 2 ... 800 Shames Dr, Westbury ... NY
Consolidated Diesel Electric Corp., 1 ... 880 Canal St, Stamford ... Conn
Continental Electric Co., Inc., 1 ... 334 Ferry St, Newark 5 ... NJ
Control Data Corp., Cedar Engr. Div., 1 ... 501 Park Ave, Minneapolis 15 ... Minn
CORNELL-DUBILIER ELECTRONICS DIV. FED PACIFIC ELEC CO., 3, Adv Pgs 148, 149 ... **50 Paris St. Newark 1** ... **NJ**
Cosmic Inc., 1 ... 3206 Grace St. Washington ... DC
DAVEN CO., 2, Adv Pg 187 ... **Rt. 10, Livingston** ... **NJ**
DAVENPORT MFG. DIV. DUNCAN ELEC CO., 2, Adv Pg 451 ... **2530-32 N Elston Ave. Chicago 47** ... **Ill**
Decco Instruments, 2 ... 14737 Arminta St. Van Nuys ... Cal
Delco Radio Div, GMC, 2 ... 700 E. Firmin St, Kokomo ... Ind
Deltex Electronic Div. Delta Explor. Co. Inc., 2 ... Drawer 2666, Jackson ... Miss
DIETZ DESIGN, INC., 2, Adv Pg 226 ... **Grandview 6** ... **Mo**
Digitrols, Inc., 2 ... 8 Industry Lane, Cockeysville ... Md
Djeco, Div., Djordjevic Engrg Co., 2 ... 1951 N. Damen, Chicago 47 ... Ill
Dresser Electronics, HST Div., 2 ... 555 N 5th St, Garland ... Tex
EMP Electronics Research Labs. Inc., 2 ... 3131 N 29th Ave, Phoenix ... Ariz
E.P. Electric Products Co., Ltd., 2 ... 9920 Waverly St, Montreal 12, Que, Canada
ERA Pacific, Inc., 2 ... 1760 Stanford St, Santa Monica ... Cal
Electro Powerpacs Inc., 2-3 ... 5 Hadley St. Cambridge 40 ... Mass
Electro-Seal Corp., 2 ... 946 North Ave, Des Plaines ... Ill
Electrodynamic Instrument Corp., 2 ... 1841 Old Spanish Trail, Houston 25 ... Tex
Electronic Development Corp., 2 ... 423 W. Broadway, Boston 27 ... Mass
Electronic Research Associates, Inc., 2 ... 67 Factory Pl, Cedar Grove ... NJ
Elomag s.p.r.l., 2-3 ... 3 av. Wellington, Brussels 18 ... Belg
Engineered Magnetics Div., Gulton, 2 ... 13041 Cerise Ave, Hawthorne ... Cal
Elecco Inc. Components Div., 2 ... 275 Massachusetts Ave. Cambridge 39 ... Mass
Fairfield Controls Inc., 2 ... 114 Manhattan St. Stamford ... Conn
Ferrotran Electronic Co., Inc., 2 ... 693 Broadway, New York 12 ... NY
Ford Instrument Co. Div. Sperry Rand Corp., 1 ... 31-10 Thomson Ave. Long Island City 1 ... NY
GENERAL ELECTRIC CO. APPARATUS SALES, 1-2, Adv Pgs 8, 9 ... **1 River Rd. Schenectady 5** ... **NY**
General Electronic Control, Inc., 2 ... 4001 Bloomington Frwy, Mpls 20 ... Minn
GENERAL MAGNETICS INC., 2, Adv. Pgs. 327, 328 ... **135 Bloomfield Ave. Bloomfield** ... **NJ**
General Nuclear Corp., 2 ... 550 5th Ave, New York 36 ... NY
Geotronic Labs., Inc., 2 ... 1314 Cedar Hill Ave, Dallas 8 ... Tex
Gerst & Co., Paul E., 1 ... 4668 N Clark, Chicago 40 ... Ill
Glentronics, Inc., 2 ... 858 E Alosta Ave, Glendora ... Cal
Great Lakes Electric Mfg. Co., 1 ... 17 S. Desplaines St, Chicago 6 ... Ill
Gulton Industries, Inc., 2 ... 212 Durham Ave, Metuchen ... NJ
Gyrex Corp., 3 ... 3003 Pennsylvania Ave, Santa Monica ... Cal
Halex Inc., 2 ... 300 E Imperial Hwy, El Segundo ... Cal
Hamilton Standard Div. United Aircraft Corp., 2 ... Broad Brook ... Conn
HARREL INC., 2, Adv Pg 332 ... **1788 1st Ave. New York 28** ... **NY**
Hathaway Instruments Inc., 2 ... 5802 E Jewell Ave, Denver 22 ... Colo
Heath Co. A Sub of Daystrom, Inc., 2 ... Benton Harbor ... Mich
Heinz-Mueller Engineering Co., Inc., 1 ... 4725 Iowa St, Chicago 51 ... Ill
Holtzer Cabot Div. National Pneumatic Co. Inc., 1 ... 125 Amory St. Boston 19 ... Mass
HYDRO-AIRE CO. DIV. CRANE CO., 2, Adv Pg 431 ... **3000 Winona Ave. Burbank** ... **Cal**
D/C Magnetics Corp. Eastern Div., 1 ... 570 Main St. Westbury ... NY
INLAND MOTOR CORP. OF VA., 1, Adv Pg 472 ... **347 King St. Northampton** ... **Mass**
INTERELECTRONICS CORP., 1-2-3, Adv Pg 521 ... **2432 Grand Concourse, New York 58** ... **NY**
International Research Associates, 2 ... 2221 Warwick Ave, Santa Monica ... Cal
Intl. Tel. & Tel. Corp. Ind. Prods. Div., 2 ... 15191 Bledsoe St. San Fernando ... Cal
Jack & Heintz Div. Siegler Corp., 1 ... Box 6719, Cleveland 1 ... Ohio
Johnson Electronics, Inc., 2 ... P.O. Box 1675, Casselberry ... Fla
Jordan Electronics Div. Victoreen Ins. Co., 2 ... 121 S Palm Ave. Alhambra ... Cal
KEARFOTT DIV. GEN PRECISION INC., 1, Adv Pg 394 ... **Little Falls** ... **NJ**
Kenyon Transformer Co., Inc., 2 ... 1057 Summit Ave, Jersey City 7 ... NJ
Kidde Electronics Labs. Walter Kidde & Co. Inc., 2 ... 477 Brighton Rd. Clifton ... NJ
Kupfrian Mfg. Corp., 2 ... 348 State St, Binghamton ... NY
Leach Corp., 2 ... 18435 Susana Rd. Compton ... Cal
Leland Airborne Products, Div., AMF, 1-2 ... P.O. Box 128, Vandalia ... Ohio
Liquidometer Corp., 2 ... 41-03 36th St. Long Island City 1 ... NY
Lucas - Rotax Ltd., 1 ... Box 115, Stn H, Toronto 13 ... Ont
Lumen, Inc., 1-2 ... Box 905, Joliet ... Ill
Magnavox Co., 2 ... 2131 Bueter Rd. Fort Wayne 4 ... Ind
MAGNETIC AMPLIFIERS DIV. SIEGLER CORP., 2-3, Adv Pg 295 ... **632 Tinton Ave. New York 55** ... **NY**
Magnetic Circuit Elements, Inc., 2 ... 3722 Park Pl. Montrose ... Cal
Magnetico, Inc., 2 ... 6 Richter Ct, East Northport ... NY

Mallory Electronics Div., 2	3029 English Ave. Indianapolis	Ind
Metering Corp., 2	[illegible] N. Halstead St, Pasadena	Cal
Microwave Instrument Corp., 2	115 [illegible] St, Roxbury	Mass
Minn-Honeywell, Aero Controls Div., 2	2751 4th Ave. S, Minneapolis 8	Minn
Minn-Honeywell, Brown Instruments Div., 3	Wayne & Windrim Aves. Philadelphia 44	Pa
MODEL ENG. & MFG. CORP., 1, Adv Pg 480	50 Frederick St. Huntington	Ind
Modern Industries, Inc., 2	5755 Camille Ave, Culver City	Cal
Molectronics Div., Motec Ind. Inc., 2	6344 Arizona Cir. Los Angeles 45	Cal
Motordyne Inc., 1	2221 Barry Ave, Los Angeles	Cal
Nichols, Ltd., R.N., 2	4544 Dufferin St. Downsview	Ont
National Electronics Corp., 2	156 Collins Ave, Pittsburgh 6	Pa
Nuclear Electronics Corp., 2	2925 N Broad St. Philadelphia 32	Pa
OAK MFG CO., 3, Adv Pg 283	Crystal Lake	Ill
Oran Div. Studebaker-Packard Corp., 2	2515 University Ave SE, Mpls 14	Minn
ORTHO FILTER CORP., 2, Adv Pg 284	7 Paterson St. Paterson 1	NJ
Ortronix, Inc., 2	Forsythe Rd. Dr. 8217, Orlando	Fla
Osborne Research Labs., 2	Box 1435, Santa Barbara	Cal
OVITRON CORP., 2, Adv Pg 541	42-42 Johnson St. Newburgh	NY
P. R. L. Electronics Inc., 2	232 Westcott Dr. Rahway	NJ
Pacific Automation Products, Inc., 2	1200 Air Way, Glendale 1	Cal
Pacific Mercury Electronics, 2	8345 Hayvenhurst Ave, Sepulveda	Cal
Paine Avionics, 2	Rte 5, Box 610, Everett	Wash
Palo Alto Engineering Co., 2	620 Page Mill Rd. Palo Alto	Cal
Penn Keystone Corp., 2	Box 350, Derby	Conn
Pesco Products Div., Borg-Warner Corp., 1-2	24700 N. Miles Rd, Bedford	Ohio
Philips Electronics Mfg Co., 2	119 Allen Blvd. Farmingdale	NY
Pintsch Bamag AG, 2	Postfach 11, Butzbach, Germany	
Power Instruments Corp., 2	235 Oregon St. El Segundo	Cal
Power Tronic Systems, Inc., 2	10-12 Pine Ct. New Rochelle	NY
R S ELECTRONICS CORP., 2, Adv Pg 305	Box 11360, Sta A, Palo Alto	Cal
Radiation Technology, Inc., 2	657 Antone St. NW Atlanta 18	Ga
Radio Dev. & Research Corp., 1-2	100 Penna. Ave. Paterson 3	NJ
RED BANK DIV. BENDIX CORP., 1-2, Adv Pgs 16, 17	Eatontown	NJ
Regulators, Inc., 2	455 W. Main St, Wyckoff	NJ
Rho Engineering Co., 2	2242 Sepulveda Blvd. Los Angeles 64	Cal
Riverbank Labs. Dept of Engrg., 2	Box 65, Geneva	Ill
RIXON ELECTRONICS INC., 2, Adv Pg 412	2414 Reedie Dr. Silver Spring	Md
Ryan Electronics Div. Ryan Aero. Co., 2	5650 Kearny Mesa Rd. San Diego 12	Cal
Sangamo Electric Co., 1	1201 N. 11 St. Springfield	Ill
Servomechanisms/Inc., 2-3	200 N Aviation Blvd. El Segundo	Cal
SHAPIRO & EDWARDS, 2, Adv Pg 512	1130 Mission St. South Pasadena	Cal
Siemon Mfg. Co., 1	P. O. Box 275, Wayne	Ill
SOLID STATE ELECTRONICS CO., 2, Adv Pg 238	Dept E, 15321 Rayen St. Sepulveda	Cal
SORENSEN & CO. INC., 2, Adv Pg 40	Richards Ave. Norwalk	Conn
Sparton Corp., 2-3	2400 E Ganson St. Jackson	Mich
Spectrol Electronics Corp., 2	1704 S Del Mar, San Gabriel	Cal
Spec-Tronics, 2	13942 Saticoy Ave, Van Nuys	Cal
SPELLMAN HIGH VOLTAGE CO., 2, Adv Pgs 176, 177	1930 Adee Ave. Bronx 69	NY
Staza Industries, 2	790 Greenfield Dr. El Cajon	Cal
Tesla Corp., 1	1009 E Vermont, Anaheim	Cal
Telechrome Mfg Corp., 2	185 Dixon Ave. Amityville	NY
Telecom, Inc	1019 Admiral Blvd, Kansas City	Mo
Temco Electronics Div. Temco Electronics & Missiles Co., 2	Box 6191, Dallas 22	Tex
Tenco Electronics, Inc., 2	811 Boylston St. Boston	Mass
Terado Co., 3	1059 Raymond Ave, St. Paul 14	Minn
Thompson Ramo Wooldridge Inc. Tapco Group, 1-2	2355 Euclid Ave. Cleveland 17	Ohio
Topp Industries, Inc., 2	6221 W. 102 St, Los Angeles 45	Cal
TOROTEL INC., 2, Adv Pg 496	5512 E 110th St. Kansas City 37	Mo
TOROTRON CORP., 2, Adv Pg 234	256 E 3rd St. Mt Vernon	NY
TORWICO ELECTRONICS INC., 2, Adv Pgs 491, 492	Route 70, Lakewood	NJ
Transistor Devices Inc., 2	40 Factory St. Cedar Grove	NJ
Transval Electronics Corp., 2	2030 Maple Ave, El Segundo	Cal
TUNG-SOL ELECTRIC INC., 2, Adv Pgs 158, 159	1 Summer Ave. Newark 4	NJ
Universal Toroid Coil Winding, Inc., 2	1718 Coit St, Irvington	NJ
Universal Transistor Products Corp., 2	36 Sylvester St, Westbury	NY
Valor Instruments, Inc., 2	13214 Crenshaw Blvd. Gardena	Cal
Vapor Heating Corp., 2	80 E Jackson Blvd. Chicago 4	Ill
VARO, INC., 1-2, Adv Pg 118	2201 Walnut St. Garland	Tex
Vecto Instrument Corp., 2	8124 Lockheed, Houston	Tex
Vectrol Eng. Inc., 2	Box 1089, Stamford	Conn
Vibration Research Labs. Inc., 2-3	58 Marbledale Rd. Tuckahoe	NY
Victory Electronics, Inc., 2	50 Bond St. Westbury	NY
Vo-Dan Electronics, 2	13259 Sherman Way, North Hollywood	Cal
Warren Mfg. Co., Inc., 2	Newtown Rd, Littleton	Mass
Westamp, Inc., 2	11277 Massachusetts Ave, L A 25	Cal
Western Design & Electronics, 1-2	Santa Barbara Airport, Goleta	Cal
Westinghouse-Gen Purpose Controls Dept., 2	Buffalo	NY
Westinghouse-Motor & Gearing Dept., 1	Buffalo	NY
White Avionics Corp., 2	Terminal Rd. Plainview	NY
Wickes Engineering & Construction Co., 2	12th St & Ferry Ave, Camden 4	NJ
Wincharger Corp., 1	E. 7th & Division Sts, Sioux City	Iowa
Yuba-[illegible] Div., 1	1375 El Camino Real, Santa Clara	Cal

INVERTING AMPLIFIERS See AMPLIFIERS –*COMPUTER*
IONIZATION CHAMBERS & GAGES See CHAMBERS –*IONIZATION*
IONOSPHERIC SOUNDING EQUIPMENT See SOUNDING EQUIPMENT *IONOSPHERIC*
ION TRAPS See MAGNETS –*PERMANENT*
IRON-CORE TRANSFORMERS See TRANSFORMERS –*IRON-CORE*

IRON OXIDE –*POWDERED*

1. MAGNETIC 2. NONMAGNETIC

Allied Chemical Corp. Baker & Adamson Prods.-Gen. Chem. Div., 2	40 Rector St. New York	NY
Applied Control Corp., 1	1000 Main St. Hackensack	NJ
COLUMBIAN CARBON CO., 1-2, Adv Pg 526	380 Madison Ave. New York 17	NY
CRUCIBLE STEEL CO OF AMERICA, 1, Adv. Pgs. 160, 161	Box 88, Pittsburgh 30	Pa
du Pont de Nemours & Co., Inc., E.I., 2	Wilmington 98	Del
GENERAL CERAMICS DIV. INDIANA GENERAL CORP., 1, Adv Pg 77	Keasbey	NJ
Magnaflux Corp., 1	7328 W Lawrence Ave. Chicago 31	Ill
Magnetic Powders Inc	Fairview Ave. Johnsonburg	Pa
Palo Alto Engineering Co., 1	620 Page Mill Rd. Palo Alto	Cal

Semi-Alloys Inc., 1	20 McQueston Pkwy. N, Mt. Vernon	NY
Telex, 1	Telex Park, St Paul 1	Minn
TOROTEL INC., 1, Adv Pg 496	5512 E 110th St. Kansas City 37	Mo
United Technical Industries Inc., 1	5221 S Major St. Murray	Utah
Vibration Research Labs. Inc., 1-2	58 Marbledale Rd. Tuckahoe	NY
WILLIAMS & CO., C. K., 1-2, Adv Pg 484	640 N 13 St. Easton	Pa

IRON POWDER –*MAGNETIC*

Antara Chemicals, Div. of Gen Anil & Film Corp	435 Hudson St. New York 14	NY
Belmont Smelting & Refining Works	332 Belmont Ave, Brooklyn 7	NY
Magnetic Powders Inc	Fairview Ave. Johnsonburg	Pa
TOROTEL INC., Adv Pg 496	5512 E 110th St. Kansas City 37	Mo
United Technical Industries Inc	5221 S Major St. Murray	Utah
WILLIAMS & CO., C. K., Adv Pg 484	640 N 13 St. Easton	Pa

IRONS –*SOLDERING* See TOOLS –*SOLDERING*

ISOLATORS –*MICROWAVE, FERRITE*

Airtec, Inc	139 E. First Ave, Roselle	NJ
Canoga Div., Underwood Corp.	15330 Oxnard St, Van Nuys	Cal
Caswell Electronics Corp	414 Queens Ln, San Jose 12	Cal
CUSTOM COMPONENTS INC., Adv Pg 396	Box 248, Caldwell	NJ
DeMORNAY-BONARDI CORP., Adv. Pgs. 178, 179	780 S Arroyo Pkwy. Pasadena	Cal
Dielectric Products Engrg. Co. Inc	Raymond	Me
E & M Laboratories	15145 Califa St. Van Nuys	Cal
FXR INC., Adv Pgs 100, 101	25-26 50th St. Woodside 77	NY
FERROTEC, INC., Adv Pg 496	217 California St. Newton 58	Mass
Frequency Standards Div. Harvard Industries Inc	Box 504, Asbury Park	NJ
Hughes Microwave Components Div	Florence & Teale, Culver City	Cal
Instrument Systems Corp	129-07 18th Ave. College Point 56	NY
KEARFOTT DIV., GEN PRECISION INC., Adv Pg 394	Little Falls	NJ
Kearfott Div. Gen. Precision Inc. Microwave Prods	14844 Oxnard St. Van Nuys	Cal
M.C.S. Corp	1001 S Mountain Ave. Monrovia	Cal
Metcom, Inc	76 Lafayette St. Salem	Mass
MICROWAVE CORP. OF AMERICA, Adv Pg 462	P.O. Box 270, Stamford	Conn
Narda Microwave Corp	Plainview	NY
PRD ELECTRONICS INC., Adv. Pgs. 113-116	202 Tillary St. Brooklyn 1	NY
Rantec Corp	23999 Ventura Blvd. Calabasas	Cal
RAYTHEON CO. SPECIAL MICROWAVE DEVICE OPER., Adv Pgs 38, 39	Waltham Industrial Park, Waltham 54	Mass
Sperry Microwave Electronics Co	P.O. Box 1828, Clearwater	Fla

ISOTOPES –*RADIOACTIVE* See SOURCES –*RADIOACTIVE*

JACK PANEL ASSEMBLIES

ADC INCORPORATED, Adv Pg 150	2883 13th Ave. S, Minneapolis 7	Minn
Accurate Electronics Corp.	Box 935G, Elyria	Ohio
Aerolite Electronics Corp	2707 Summit Ave, Union City	NJ
American Development Electronics Co	77 Poinier St. Newark 8	NJ
Ampco Mfg. Co	246 E. 2nd St, Plainfield	NJ
Anchor Specialty Mfg. Co., Inc	100 Hollister Rd, Teterboro	NJ
Andrew California Corp	941 E Maryland Ave. Claremont	Cal
Bayly Engineering, Ltd	Hunt St, Ajax, Ontario, Canada	
BUD RADIO INC., Adv Pg 343	2118 E 55th St. Cleveland 3	Ohio
CBC Electronics Co. Inc	2601 N Howard St. Philadelphia 33	Pa
Cadre Industries Corp.	Box 150, Endicott	NY
Calbest Electronics Co	4801 Exposition Blvd. Los Angeles 16	Cal
Cambridge Thermionic Corp	445 Concord Ave, Cambridge 38	Mass
Carter Parts Co	3401 Madison St. Skokie	Ill
DIETZ DESIGN, INC., Adv Pg 226	Grandview 6	Mo
Ecco Electronic Components Corp	578 Nepperhan Ave, Yonkers	NY
Electric Switch Corp	2320 S Tibbs Ave. Indianapolis 41	Ind
Emco Plastics Corp	68 Vine St. Everett	Mass
Empire Electronics Co. Inc.	60 Spruce St. Paterson 1	NJ
Eugene Engineering Co. Inc	1217 Hyde Park Ave. Hyde Park 36	Mass
Farwest Mfg. Div. Inc	209 1st St. Seattle	Wash
Hammond Mfg Co. Ltd	Guelph	Ont
I. E. Manufacturing	3041 Carroll, Chicago 12	Ill
Kellogg Switchboard & Supply Co	6650 S. Cicero Ave, Chicago 38	Ill
Keystone Electronics Corp	49 Bleecker St, New York 12	NY
Long, Inc., Thomas J	215 Stonehinge Lane, Carle Place	NY
Mallory Controls Co	Frankfort	Ind
Molex Products Co	9515 Southview Ave. Brookfield	Ill
Mutron Corp	125 Perkins Ave. Brockton	Mass
NATIONAL TEL-TRONICS CORP., Adv Pg 537	52 St Casmir Ave. Yonkers	NY
North Electric Co	553 S Market St. Galion	Ohio
Planetronics, Inc	Easton	Pa
Plug-In Instruments, Inc	1416 Lebanon Rd. Nashville 10	Tenn
Pyrometer Co. of America, Inc	600 E Lincoln Hwy. Penndel	Pa
Republic Electronic Industries Corp	111 Gazza Blvd. Farmingdale	NY
RIXON ELECTRONICS INC., Adv Pg 412	2414 Reedie Dr. Silver Spring	Md
Rodale Electronics	562 Grand Blvd. Westbury	NY
STANDARD ELECTRIC TIME CO., Adv Pg 311	89 Logan St. Springfield	Mass
Telecom, Inc	1019 Admiral Blvd, Kansas City	Mo
Telectro Industries Corp	35-16 - 37th St. Long Island City 1	NY
Thermo Electric Co. Inc.	109 5th St. Saddle Brook	NJ
Thermovolt Instruments Ltd	70 Advance Rd. Toronto 18	Ont
Trimm, Inc	400 W. Lake St, Libertyville	Ill
Trompeter Electronic Associates	7713 Oakdale Ave. Canoga Park	Cal
Trott Electronics, Inc	412 Smith St. Rochester 8	NY
UCINITE CO. DIV. UCF, Adv Pg 69	459 Watertown St. Newtonville	Mass
U. S. Instrument Corp	Box 1288BG, Charlottesville	Va
Unimax Corp	102 Warren St. New York 7	NY
VECTOR ELECTRONIC CO., Adv Pg 544	1100 Flower St. Glendale 1	Cal
Wright Equipment Corp	128 N Main St. Milltown	NJ

JACK PANELS See PANELS

JACKS See *Also* CONNECTORS

ADC, INCORPORATED, Adv Pg 150	2833 13 Ave. S, Minneapolis 7	Minn
A. O. I. P	23 Pl. Jeanne d'Arc, Paris 13	Fr
Accurate Electronics Corp.	Box 935G, Elyria	Ohio
Air-O-Tronics Engineering Co	Morrisville	NY
ALDEN PRODUCTS CO., Adv Pg 359	112 N Main St. Brockton 64	Mass
Alden Electronic Hardware Co., Inc	88 Drake Ave, New Rochelle	NY
Ampco Mfg. Co	246 E. 2nd St, Plainfield	NJ
Audiotems Corp	Shepard Hill Rd, Roxbury	NY
Audiotex Mfg. Co	412 S Wyman St. Rockford	Ill
AUGAT BROS. INC., Adv Pg 112	33 Perry Ave. Attleboro	Mass
Auto-Swage Products, Inc	255 Canal St. Shelton	Conn
Barker Products Co	3 Commercial Pk. W Bridgewater	Mass
BARNES DEVELOPMENT CO., Adv Pg 414	213 W Baltimore Pike, Lansdowne	Pa
Bayly Engineering, Ltd	Hunt St, Ajax, Ontario, Canada	
BEAD CHAIN MFG CO., Adv Pg 306	110 Mountain Grove St. Bridgeport 5	Conn
Beauchaine & Sons Inc	Union Ave. Lakeport	NH
BIRNBACH RADIO CO. INC., Adv Pg 529	145 Hudson St. New York 13	NY
Cable Electric Products	234 Daboll St, Providence	RI
Cambridge Thermionic Corp	445 Concord Ave, Cambridge 38	Mass
CANNON ELECTRIC CO., Adv Pg 287	3208 Humboldt St. Los Angeles 31	Cal
Carter Parts Co	3401 Madison St, Skokie	Ill
CINCH MFG. CO., Adv Pgs 296, 297	1026 S Homan Ave. Chicago 24	Ill
Dorrmar Products, Inc	P.O. Box 8356, Denver 10	Colo
Ecco Electronic Components Corp	578 Nepperhan Ave, Yonkers	NY
Enflo Corp	Fellowship Rd. & Rte 73, Maple Shade	NJ
FEDERAL SCREW PRODUCTS INC., Adv Pg 553	3917 N Kedzie Ave. Chicago 18	Ill
Garlock Electronic Products, Garlock Inc	Camden 1	NJ
Gemex Corp. Industrial Div	1200 Commerce Ave. Union	NJ
General Dynamics/Electronics	100 Carlson Rd. Rochester 3	NY
General Radio Co	West Concord	Mass
GRAYHILL, INC., Adv. Pgs. 360, 361	537 Hillgrove Ave. La Grange	Ill
Jan Hardware Mfg Co. Inc	38-01 Queens Blvd. Long Island City 1	NY
Johnson Co., E.F.	Waseca	Minn
Jones Electronics, Hiram	2313 W. Olive Ave, Burbank	Cal
JONES, HOWARD B., DIV., CINCH MFG. CO., Adv Pg 297	1026 S Homan Ave. Chicago 24	Ill
Joy Mfg. Co	Dept. 39, Oliver Bldg. Pittsburgh 22	Pa
Kellogg Switchboard & Supply Co	6650 S. Cicero Ave, Chicago 38	Ill
Keystone Electronics Corp	49 Bleecker St, New York 12	NY
Lab-Tronics, Inc	3656 N. Lincoln, Chicago 13	Ill
LIONEL CORP., THE, Adv Pgs 220, 221	Hoffman Pl. Hillside	NJ
Lyn-Tron, Inc	5350 Riverton Ave. North Hollywood	Cal
Mallory Controls Co	Frankfort	Ind
Mandex Mfg Co. Inc	2616 W 48 St. Chicago 32	Ill
Miller Mfg. Co., James	150 Exchange St, Malden	Mass
MITSUMI ELECTRIC CO. LTD., Adv Pg 266	1056-1 Kodachi, Komae-cho Kitatama-gun, Tokyo	Jap
Molded Insulation Co	335 E Price St. Philadelphia 44	Pa
Molex Products Co	9515 Southview Ave. Brookfield	Ill
NATIONAL TEL-TRONICS CORP., Adv Pg 537	52 St Casmir Ave. Yonkers	NY
North Electric Co	553 S Market St. Galion	Ohio
Nutmeg Screw Machine Products Co	Box 1470, Waterbury	Conn
PLASTIC MOLD & ENGINEERING CO. INC., Adv Pg 505	265 Wampanoag Tr. East Providence 14	RI
Pyrometer Co. of America, Inc	600 E Lincoln Hwy. Penndel	Pa
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., Adv Pg 37	411 Providence Tnpk. Westwood	Mass
Raytheon Co. Ind Components Div	55 Chapel St. Newton 58	Mass
Roffler Co	Rt. 1 & Camp Meeting Rd, Topsfield	Mass
Ross Co., Milton	275 Jacksonville Rd, Hatboro	Pa
Rye Sound Corp	145 Elm St, Mamaroneck	NY
Ryerson & Son Inc. J T	2558 W 16th St. Chicago 8	Ill
SEALECTRO CORP., Adv Pg 352	139 Hoyt Ave. Mamaroneck	NY
Smith, Inc., Herman H.	2326 Nostrand Ave, Brooklyn 10	NY
STANDARD ELECTRIC TIME CO., Adv Pg 311	89 Logan St. Springfield	Mass
Superex Electronics Corp.	4-6 Radford Place, Yonkers	NY
TEFCO CORP., Adv Pg 500	28 Willett St. Port Chester	NY
Thermo Electric Co. Inc	109 5th St. Saddle Brook	NJ
Thermovolt Instruments Ltd	70 Advance Rd. Toronto 18	Ont
Trimm, Inc	400 W. Lake St, Libertyville	Ill
Trompeter Electronic Associates	7713 Oakdale Ave. Canoga Park	Cal
UCINITE CO. DIV. UCF, Adv Pg 69	459 Watertown St. Newtonville	Mass
U. S. Instrument Corp	Box 1288BG, Charlottesville	Va
Walsco Electronics Mfg. Co	400 S Wyman St. Rockford	Ill
WHITSO INC., Adv Pg 480	9328 Byron St. Schiller Park	Ill
Zoron Inc	612 W Monroe St. Chicago 6	Ill

JAMMING TRANSMITTERS See TRANSMITTERS –*JAMMING & COUNTERMEASURE*
JEWEL BEARINGS See BEARINGS

JEWELS

1. DIAMOND 2. GLASS 3. SAPPHIRE

Bache & Co., Semon, 2	636 Greenwich St, New York 14	NY
BIRD CO., RICHARD H., 2-3, Adv Pg 525	1 Spruce St, Waltham	Mass
DIALIGHT CORP., 2, Adv Pg 533	60 Stewart Ave. Brooklyn 37	NY
Drake Mfg. Co., 2	4626 N. Olcott, Chicago 31	Ill
Fidelitone Microwave Inc., 1-3	6415 N Ravenswood Ave. Chicago 26	Ill
GENERAL ELECTRIC CO. APPARATUS SALES, 2, Adv Pgs 8, 9	1 River Rd. Schenectady 5	NY
Hannibal Glass Inc., 2	3025 S Kilson Dr. Santa Ana	Cal
Jadow Inc., B., 3	860 Broadway, New York 3	NY
KELLER, JR. JEWELS, HUGO, 3, Adv Pg 504	50 E 42 St. New York 17	NY
Lear Inc., 3	3171 S Bundy Dr. Santa Monica	Cal
Linde Co. Div. UCC, 3	270 Park Ave. New York 17	NY
Meller Co., Adolf, 3	Box 6001-Turnkey, Providence	RI
Moran Co., 3	721 E. El Segundo Blvd, El Segundo	Cal
Philips' Gloeilampenfabrieken, N. V., 1-3	Eindhoven	Neth
SEMI-ELEMENTS INC., 2-3, Adv Pg 524	Saxonburg Blvd. Saxonburg	Pa
Sierra Electric Corp., 2	15100 S. Figueroa St, Gardena	Cal
Signal Indicator Corp., 2	42 Stewart Ave. Brooklyn 37	NY
Smith, Inc. Herman H., 2	2326 Nostrand Ave. Brooklyn 10	NY
Swiss Jewel Co., 3	Lafayette Bldg. Philadelphia 6	Pa

JOINTS –*FLEXIBLE* See COUPLINGS –*SHAFT, FLEXIBLE*

JOINTS –*ROTARY MICROWAVE*

Aeroquip Corp	300 S East Ave, Jackson	Mich
AINSLIE CORP., Adv Pg 408	531 Pond St. South Braintree 85	Mass
Airtec, Inc	139 E. First Ave, Roselle	NJ
Airtron, Div of Litton Industries.	200 E. Hanover Ave, Morris Plains	NJ
ANTENNA SYSTEMS, INC., Adv Pg 428	Hingham Industrial Center, Hingham	Mass
ARRA CORP., Adv Pg 498	27 Bond St. Westbury	NY
Bogart Mfg Corp	315 Seigel St. Brooklyn 6	NY
BUDD STANLEY CO. INC., Adv Pg 313	175 Eileen Way, Syosset	NY
C W S Waveguide Corp	301 W. Hoffman Ave, Lindenhurst	NY
Chu Associates	Box 387, Littleton	Mass
DeMORNAY-BONARDI CORP., Adv. Pgs. 178, 179	780 S Arroyo Pkwy. Pasadena	Cal
Diamond Antenna & Microwave Corp	River St, Winchester	Mass

Dielectric Products Eng Co. Inc	Raymond	Me
Don-Lan Electronics Inc	1131 Olympic Blvd. Santa Monica	Cal
DOUGLAS MICROWAVE CO. INC., Adv Pg 235	**252 E 3rd St. Mt Vernon**	**NY**
Engelhard Industries Inc	113 Astor St. Newark 2	NJ
FXR INC., Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
GB Electronics Corp. Sub. Gen Bronze Corp	711 Stewart Ave. Garden City	NY
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
Gombos Co., Inc., John	Webro Rd, Clifton	NJ
GRAPHITE METALLIZING CORP., Adv Pg 273	**1052 Nepperhan Ave. Yonkers**	**NY**
KEARFOTT DIV. GEN PRECISION, INC., Adv Pg 394	**Little Falls**	**NJ**
Kearfott Div. Gen. Precision Inc. Microwave Prods	14844 Oxnard St. Van Nuys	Cal
LIECO INC., Adv Pg 398	**150 Eileen Way, Syosset**	**NY**
Mason, Shaver & Rhoades Inc	Box 551, Irwin	Pa
Meridian Metalcraft, Inc	8739 S. Millergrove Dr, Whittier	Cal
Microtech, Inc	Milldale Rd. Cheshire	Conn
MICROWAVE CORP. OF AMERICA, Adv Pg 462	**Box 278, Stamford**	**Conn**
Microwave Development Labs. Inc	15 Strathmore Rd. Natick	Mass
Microwave Dynamics Corp	5 Fairchild Ct. Plainview	NY
MODEL ENG. & MFG. CORP., Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
N. R. K. Microwave Div. Cook Electric Co	4601 W Addison St. Chicago 41	Ill
OMEGA LABORATORIES INC., Adv Pg 226	**Box 309, Rowley**	**Mass**
Pacific Scientific Co	Box 22019, Los Angeles 22	Cal
Precision Microwave Corp	Main St, Millis	Mass
RADAR MEASUREMENTS CORP Adv Pg 516	**190 Duffy Ave, Hicksville**	**NY**
Rantec Corp	23999 Ventura Blvd. Calabasas	Cal
Reeves Instrument Corp	Roosevelt Field, Garden City	NY
Sage Laboratories, Inc	3 Huron Dr, Natick	Mass
Scientific-Atlanta Inc	2162 Piedmont Rd. NE, Atlanta 9	Ga
Sperry Microwave Electronics Co	P.O. Box 1828, Clearwater	Fla
TECHNICAL APPLIANCE CORP., Adv Pg 523	**P.O. Box 38, Sherburne**	**NY**
TELERAD DIV. LIONEL CORP., Adv Pgs 220, 221	**Rt 69, Flemington**	**NJ**
Texas Instruments Incorporated, Appar Div. Govt Prods Gr	Box 6015, Dallas 22	Tex
Victor R.F. & Microwave Co	38 W Water St. Wakefield	Mass
Waveline, Inc	P.O. Box 718, Caldwell	NJ
Wiley Electronic Products Co	2045 W Cheryl Dr. Phoenix	Ariz

JOINTS –*TUBE*

Aeroquip Corp	300 S East Ave. Jackson	Mich
Marman Div. Aeroquip Corp	11214 Exposition Blvd. Los Angeles 64	Cal

JOINTS –*UNIVERSAL* See COUPLINGS

JUMPERS –*BONDING*

Bostitch, Inc	East Greenwich	RI
Janco Corp	3111 Winona Ave, Burbank	Cal

JUNCTIONS –*HYBRID* See HYBRID JUNCTIONS
KEL-F See PLASTICS
KERR-CELL SHUTTERS See SHUTTERS
KEYBOARD PRINTERS See PRINTERS

KEYERS –*AUTOMATIC*
1. FREQUENCY-SHIFT *3. TONE, A-M*
2. CODE TRANSMITTING, MANUAL

Aeronautical Communication Equipment, Inc., 1-2	3090 S.W. 37 Ave, Miami 33	Fla
Barker & Williamson Inc., 1	Canal & Beaver Sts. Bristol	Pa
Benrus Watch Co. Inc., 1	30 Cherry Ave. Waterbury	Conn
Boehme Inc., H. O., 1-2-3	915 Broadway, New York 10	NY
Capehart Corp., 1	87-46 123rd St. Richmond Hill 18	NY
Data Equipment Co., 1-2	923 E. 3rd St, Los Angeles 13	Cal
Marconi's Wireless Telegraph Co. Ltd., 1	750 3rd Ave. New York 17	NY
Morrow Radio Mfg. Co., 3	2794 Market St, Salem	Ore
NORTHERN RADIO CO. INC., 1-3 Adv Pgs 137-139	**143-145 W 22 St. New York**	**NY**
Nugent Electronics Co. Inc., 2	802 E 8th St. New Albany	Ind
OKI ELECTRIC INDUSTRY CO. LTD., 1-2, Adv Pg 257	**10 Shiba Takahama-cho Minato-ku, Tokyo**	**Jap**
Ortronix, Inc., 1-3	Forsythe Rd. Dr. 8217, Orlando	Fla
Radio Frequency Labs Inc., 3	Boonton 2	NJ
Redifon, Ltd., 1	Broomhill Rd, Wandsworth, London SW 18	England
RIXON ELECTRONICS INC., 1-3, Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
Secode Corp., 2-3	555 Minnesota St. San Francisco 7	Cal
TECHNICAL MATERIEL CORP., 1-3, Adv Pg 346	**700 Fenimore Rd. Mamaroneck**	**NY**
Tele-Communications Inc., 1	50 Drumm St. San Francisco 11	Cal
Telechrome Mfg Corp., 1-3	185 Dixon Ave. Amityville	NY
TREPAC CORP. OF AMERICA, 3, Adv Pgs 415, 426	**30 W Hamilton Ave. Englewood**	**NJ**
Virginia Electronics Co., Inc., 1	5209 River Rd. Washington 16	DC
Warren Mfg. Co., Inc., 1	Newtown Rd, Littleton	Mass
Westrex Corp. Div. Litton Industries, 1	540 W 58th St. New York 19	NY

KEYS & CODING EQUIPMENT

Blacklight Corp of America	5112 Walnut Grove Ave. San Gabriel	Cal
Boehme, Inc., H.O.	915 Broadway, New York 10	NY
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
Data Products Co, Inc	7320 Westmore Rd, Rockville	Md
Decitron Electronics Corp	850 Shephard Ave. Brooklyn 8	NY
Electro-Medical Lab. Inc	South Woodstock 8	Vt
Johnson Co., E.F.	Waseca	Minn
North Electric Co	553 S Market St. Galion	Ohio
Ortronix, Inc	Forsythe Rd. Dr. 8217, Orlando	Fla
Redifon, Ltd	Broomhill Rd, Wandsworth, London SW 18	England
Smith, Inc., Herman H.	2326 Nostrand Ave, Brooklyn 10	NY
Soroban Engineering, Inc	P.O. Box 1717, Melbourne	Fla
Telemetrics, Inc	12927 S Budlong, Gardena	Cal
Ultra-Violet Products, Inc	5114 Walnut Grove Ave. San Gabriel	Cal
Vitro Corp of America	261 Madison Ave. New York 16	NY
VITRO ELECTRONICS DIV. VITRO CORP Adv Pgs 309, 310	**919 Jesup Blair Dr. Silver Spring**	**Md**
Warren Mfg. Co., Inc	Newtown Rd, Littleton	Mass

KILOVOLTMETERS See VOLTMETERS
KINESCOPE FILM RECORDERS See RECORDERS –*KINESCOPE FILM*

KITS
1. AUDIO AMPLIFIER *5. RECEIVER*
2. COMPUTER *6. TEST EQUIPMENT*
3. GEIGER COUNTER *7. TRANSMITTER*
4. PREAMPLIFIER *8. TUNER*
See *Also* BREADBOARD KITS

Acro Electronic Products Co., 1-4	410 Shurs Ln. Philadelphia 28	Pa
Allied Radio Corp., 1-4-5-6-7-8	100 N. Western Ave, Chicago 80	Ill
American Electronics Co., 4-5-7	178 Herricks Rd. Mineola	NY
APPLIED ELECTRONICS CORP. OF NJ, 2, Adv Pg 518	**22 Center St. Metuchen**	**NJ**
Central Electronics, Inc., 6-7	1247 W. Belmont Ave, Chicago 13	Ill
Digital Equipment Corp., 2	Maynard	Mass
Di-Tran Corp., 6	11307 Hindry Ave, Los Angeles 45	Cal
Dynaco, Inc., 1-4-8	3912 Powelton Ave, Philadelphia 4	Pa
ELECTRONIC INSTRUMENT CO. INC., 1-4-6-7-8, Adv Pg 396	**3300 Northern Blvd. Long Island City**	**NY**
Electronic Measurements Corp., 1-6	625 Broadway, New York 12	NY
Electronic Organ Arts, Inc., 1	4949 York Blvd, Los Angeles 42	Cal
Epsco Inc. Components Div., 2	275 Massachusetts Ave. Cambridge 39	Mass
Globe Electronics, Div. Textron Electronics, Inc., 1-4-7-8	22-30 S 34th St. Council Bluffs	Iowa
Harman-Kardon, Inc., 1-4-8	Ames Ct. Plainview	NY
Heath Co. A Sub of Daystrom, Inc., 1-2-3-4-5-6-7-8	Benton Harbor	Mich
Hickok Electrical Instrument Co., 6	10532 Dupont Ave. Cleveland 8	Ohio
Johnson Co., E. F., 7	Waseca	Minn
Knight Electronics Corp., 1-4-5-6-7-8	2200 West, S Maywood Dr. Maywood	Ill
Kurston Electronics, 1	702 Bay St. Staten Island	NY
Lesa Const Electromeccaniche SpA., 1	21 Via Bergamo, Milano	Italy
Magnaflux Corp., 6	7328 W Lawrence Ave. Chicago 31	Ill
Miller Co., J.W., 8	5917 S Main St. Los Angeles 3	Cal
MULLARD OVERSEAS LTD., 1, Adv Pg 448	**Torrington Pl. London WC 1**	**Eng**
NATIONAL RADIO CO., 8, Adv Pg 499	**37 Washington St. Melrose 76**	**Mass**
Permoflux Products Co., 1	4101 San Fernando Rd. Glendale	Cal
Philmore Mfg. Co. Inc., 5-7	130-01 Jamaica Ave. Richmond Hill 18	NY
Picker X Ray Corp., 3	White Plains	NY
Precison Apparatus Co., Inc., 1-6-8	70-31 84 St, Glendale 27	NY
Radio Corp of America Electron Tube Div., 6	415 S. 5th St, Harrison	NJ
Ram Electronics, Inc., 6	600 Industrial Ave, Paramus	NJ
Schober-Organ Corp., 1-6	43 W 61 St. New York 23	NY
Scott Inc., H. H., 1-8	111 Powder Mill Rd. Maynard	Mass
Seco Electronics Inc., 6	5015 Penn Ave. S, Minneapolis 19	Minn
SERVO CORP OF AMERICA, 6, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Servo-Tek Products Co., Inc., 6	1086 Goffle Rd, Hawthorne	NJ
Stark Electronic Instruments, Ltd., 5-6	P.O. Box 670, Ajax, Ontario, Canada	
State Testing Laboratory, Inc., 6	215 Knowlton St, Bridgeport 8	Conn
Sterling Instrument Div., 6-8	17 Matinecock Ave. Port Washington	NY
Sun Electric Co., 6	6323 Avondale St. Chicago 31	Ill
Superex Electronics Corp., 5	4-6 Radford Pl, Yonkers	NY
Wang Laboratories, Inc., 2-6	12 Huron Dr. Natick	Mass
Winder Aircraft Corp., 5-6-7-8	Dunnellon Air Base, Dunnellon	Fla

KLYSTRON AFC AMPLIFIERS See AMPLIFIERS –*MICROWAVE*
KLYSTRON AMPLIFIERS See AMPLIFIERS –*MICROWAVE*
KLYSTRON MOUNTS See MOUNTS –*KLYSTRON*
KLYSTRON OSCILLATORS See OSCILLATORS –*MICROWAVE*
KLYSTRON POWER SUPPLIES See POWER SUPPLIES – *D-C OUTPUT*
KLYSTRONS See TUBES –*MICROWAVE*
KLYSTRON TESTERS See TESTERS –*TUBE*
KLYSTRON TUNERS See TUNERS

KNOBS

Ackerman Engravers Inc	458 Broadway, New York	NY
Amatom Electronic Hardware Co., Inc	88 Drake Ave, New Rochelle	NY
Bell, Inc., F.W.	1356 Norton Ave, Columbus 12	Ohio
BIRNBACH RADIO CO. INC., Adv Pg 529	**145 Hudson St. New York 13**	**NY**
Blinn Co., Delbert	P.O. Box 757, Pomona	Cal
BODNAR PRODUCTS CORP., Adv Pg 460	**238 Huguenot St. New Rochelle**	**NY**
Canadian Radium & Uranium Corp	630 Fifth Ave, New York 20	NY
Davies Molding Co., Harry	1428 N. Wells, Chicago 10	Ill
DIMCO-GRAY CO., Adv Pg 396	**207 E 6th St. Dayton**	**Ohio**
Dunwell Mfg. Corp	159-161 Ft. Lee Rd, Teaneck	NJ
FEDERAL SCREW PRODUCTS INC., Adv Pg 553	**3917 N Kedzie Ave. Chicago 18**	**Ill**
G-C Electronics Co	400 S. Wyman St, Rockford	Ill
INDUSTRIAL DEVICES, INC., Adv Pg 540	**Edgewater 8**	**NJ**
Jan Hardware Mfg. Co., Inc	38-01 Queens Blvd, Long Island City 1	NY
Janco Corp	3111 Winona Ave, Burbank	Cal
Kerrco Inc	Box 4178, Havelock Sta. Lincoln 7	Neb
Kilo Engineering Co	2011 Third St, La Verne	Cal
Knob Corp. of America	469 Jericho Tpke. Mineola	NY
Kurz-Kasch, Inc	1421 S. Broadway, Dayton 1	Ohio
Lerco Div. Microdot Inc	501 S Varney St. Burbank	Cal
Materials for Electronics Inc	152-25 138 Ave. Jamaica 34	NY
Molding Corp. of America	42 Church St. Pawtucket	RI
Monroe Industries Inc	932 36 St. SE, Grand Rapids 8	Mich
Muirhead & Co., Ltd	Beckenham, Kent, England	
NATIONAL RADIO CO., Adv Pg 499	**37 Washington St. Melrose 76**	**Mass**
Oki & Willadsen, Ltd	47 Crockford Blvd, Toronto 16, Ontario, Canada	
Pacific Transducer Corp	11836 W. Pico Blvd, Los Angeles 64	Cal
Pearce Simpson, Inc	2295 NW 14th St. Miami 35	Fla
Philmore Mfg. Co. Inc	130-01 Jamaica Ave. Richmond Hill 18	NY
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., Adv Pg 37	**411 Providence Tpke. Westwood**	**Mass**
Raytheon Co. Ind Components Div	55 Chapel St. Newton 58	Mass
ROGAN BROTHERS, Adv Pg 555	**8031 N Monticello Ave. Skokie**	**Ill**
Rohden Mfg. Co. Inc	4739 Montrose Ave. Chicago 41	Ill
Rostone Corp	Rt 52 South, Lafayette	Ind
Sierra Electric Corp	15100 S. Figueroa St, Gardena	Cal
Smith, Inc., Herman H.	2326 Nostrand Ave, Brooklyn 10	NY
STAFFORD MFG. CO. INC., Adv Pg 124	**145 58th St. Brooklyn 20**	**NY**
TVDevelopment Corp	469 Jericho Tpke. Mineola	NY
TECHNOLOGY INSTRUMENT CORP., Adv Pgs 83, 84	**533 Main St. Acton**	**Mass**
TECHNOLOGY INSTRUMENT CORP OF ACTON, Adv Pgs 84, 85	**536 Main St. Acton**	**Mass**
U.S. Engineering Co., Div., Litton Ind	13536 Saticoy, Van Nuys	Cal
Vemaline Products Co	Box 1 - E0, Franklin Lakes	NJ
Waldom Electronics Inc	4621 W 53rd St. Chicago 32	Ill

Waterbury Companies, Inc	Waterbury 20	Conn
Wells Electronics Co	1701 S Main St. South Bend 23	Ind

LABELS –*PRESSURE-SENSITIVE*
1. CHASSIS-MARKING *3. WIRE-IDENTIFYING*
2. TERMINAL-IDENTIFYING
See *Also* NAMEPLATES: TAPE –*GENERAL PURPOSE*

ALCO ELECTRONIC PRODUCTS, INC., 4, Adv Pg 548	**3 Wolcott Ave. Lawrence 33**	**Mass**
Avery Label Co., 1-2-3	1616 S. California Ave, Monrovia	Cal
Bemis Bro Bag Co., 1	111 N 4th St. Box 70, St Louis 2	Mo
Brady Co., W.H., 1-2-3	727 West Glendale Ave, Milwaukee 12	Wisc
C & H Supply Co., 1-2-3	415 E Beach Ave. Inglewood	Cal
Canadian Radium & Uranium Corp., 1	630 Fifth Ave, New York 20	NY
CHART-PAK INC., 3, Adv Pg 411	**Leeds**	**Mass**
Colorado Research Corp., 1	Broomfield	Colo
Croname, Inc., 1-2	6247 Howard St, Chicago 48	Ill
Duralith Corp., 1-2-3	1025 Race St, Philadelphia 7	Pa
Electrovert, Inc., 3	124 E 40th St. New York 17	NY
Emeloid Co. Inc., 1-3	1239 Central Ave, Hillside 5	NJ
Ever Ready Label Corp., 1-2-3	357 Cortlandt St. Belleville 9	NJ
Fasy Co., Neal, 1-2-3	133 La Patera Ave. Goleta	Cal
Hermes Plastics Inc., 1-2	154 W 14th St. New York 11	NY
Labelon Corp., 1-2-3	10 Chapin St. Canandaigua	NY
Master Tape Printers Inc., 1-2-3	3400 N Halsted St. Chicago 13	Ill
National Decalcomania Corp., 1-2-3	238 N. 60 St, Philadelphia	Pa
Pee Cee Tape & Label Co., Inc., 1-2-3	521 N. La Brea Ave, Los Angeles	Cal
STAFFORD MFG. CO. INC., 1-2-3, Adv Pg 124	**145 58th St. Brooklyn 20**	**NY**
Tablet & Ticket Co., 1-3	1021 W. Adams St, Chicago 7	Ill
Tadco Mfg Inc., 1-2-3	Box 741, Gloucester	Mass
Topflight Corp., 2-3	160 E Ninth Ave. York	Pa
Unisco, Inc., 1-2	1061 Linden Ave, Ridgefield	NJ
Walsco Electronics Mfg. Co., 1-3	400 S Wyman St. Rockford	Ill
Westline Products Div., Western Litho. Co., 1-2-3	600 E. 2nd St, Los Angeles 54	Cal
Willson Camera Co., Inc., 3	1395 Lawrence Rd, Havertown	Pa
Zoron Inc., 1	612 W Monroe St. Chicago 6	Ill

LABORATORIES –*TESTING, ELECTRONIC*

American Labs. Div. Amer. Electronics, Inc	1536 E Ross Ave. Fullerton	Cal
ASSOCIATED TESTING LABORATORIES INC., Adv Pg 343	**107 Route 46, Wayne**	**NJ**
Calif Testing Labs., Inc	21133 Costanso St. Woodland Hills	Cal
Electrical Testing Laboratories, Inc	2 East End Ave. New York 21	NY
General Testing Labs. Inc	40-50 Commercial Ave. Moonachie	NJ
Inland Testing Lab	2745 N Janssen Ave. Chicago 14	Ill
New York Testing Labs Inc	47 West St. New York	NY
Rototest Labs., Inc	2803 Los Flores Blvd. Lynwood	Cal
U S Testing Co. Inc	1415 Park Ave. Hoboken	NJ

LABORATORIES –*TESTING, ENVIRONMENTAL*

American Labs. Div. Amer. Electronics, Inc	1536 E Ross Ave. Fullerton	Cal
Anderson Physical Lab	609 S 6th St. Champaign	Ill
ASSOCIATED TESTING LABORATORIES INC., Adv Pg 343	**107 Route 46, Wayne**	**NJ**
Atmosphere Control Co., Inc	5315 Chester Ave. Philadelphia 43	Pa
Bowser-Morner Test Labs	141 Bruen at Scott, Dayton	Ohio
Brew Co., Inc., Richard D	90 Airport Rd. Concord	NH
California Testing Labs	21133 Costanso St. Woodland Hills	Cal
Colburn Labs., Inc	723 S Federal St. Chicago	Ill
Electrical Testing Laboratories, Inc	2 East End Ave. New York 21	NY
General Testing Labs. Inc	40-50 Commercial Ave. Moonachie	NJ
Itemlab Inc	16 Beechwood Ave. Pt. Washington	NY
New York Testing Labs Inc	47 West St. New York	NY
OREL INC., Adv Pg 286	**7 Peterson St. Paterson 1**	**NJ**
Patzig Testing Labs	Ingersoll Ave. Des Moines	Iowa
Rototest Lab., Inc	2803 Los Flores Blvd. Lynwood	Cal
Stellardyne Labs., Inc	1525 Cayamaca, El Cajon	Cal
TECHNOLOGY INSTRUMENT CORP. OF ACTON, Adv Pgs 84, 85	**536 Main St. Acton**	**Mass**
U S Testing Co. Inc	1415 Park Ave. Hoboken	NJ
Wyle-Parameters Inc	195 Herricks Rd. New Hyde Park	NY
York Research Corp	1 Research Dr. Stamford	Conn

LACING CABLES, CORDS & RIBBONS See CORDS –*LACING*

LACQUERS

Ambroid Co	P.O. Box 30, Weymouth 88	Mass
Anaconda Chemical Co	170 Broadway, New York 38	NY
Barrett Varnish Co	1532 S. 50 Court, Cicero 50	Ill
Blacklight Corp of America	5112 Walnut Grove Ave. San Gabriel	Cal
du Pont de Nemours & Co., Inc., E.I.	Wilmington 98	Del
Erwood Inc	1770 Berteau Ave. Chicago 13	Ill
ETCHOMATIC INC., Adv Pg 520	**182 Newton St. Waltham 54**	**Mass**
George Co., P. D	5200 N 2nd St. St Louis	Mo
Magic Chemical Co	121 Crescent St. Brockton	Mass
Marblette Corp	37-31 30th St. Long Island City 1	NY
National Decalcomania Corp	238 N. 60 St, Philadelphia	Pa
NATIONAL LEAD CO., Adv Pg 557	**111 Broadway, New York 6**	**NY**
Shannon Luminous Materials Co	7356 Santa Monica Blvd. Hollywood 46	Cal
Ultra-Violet Products, Inc	5114 Walnut Grove Ave. San Gabriel	Cal
Waldom Electronics Inc	4621 W 53rd St. Chicago 32	Ill

LAMINATED CORES See CORES –*LAMINATED*
LAMINATED PLASTICS See PLASTICS –*SHEET & LAMINATE*
LAMINATED METAL PARTS See METAL PARTS –*LAMINATED*

LAMINATES –*COPPER-CLAD PRINTED-CIRCUIT (MATERIALS: FOR FABRICATED PARTS,* See CIRCUITS –*PRINTED WIRING)*
1. EPOXY, PAPER-REINFORCED *5. PHENOLIC XXP*
2. EPOXY, GLASS-REINFORCED *6. PHENOLIC XXXP*
3. MELAMINE *7. SILICONE*
4. PHENOLIC, GLASS-REINFORCED *8. TEFLON*
9. TEFLON, GLASS-REINFORCED

Agard Electronics Corp., 1-2-4-5-6-8	25 Denton Ave. New Hyde Park	NY
Airtronics, Inc., 1-2-3-4-5-7-8-9	5522 Dorsey Ln, Washington 16	DC
Almac Plastics Inc., 1-2-3-4-5-6-8-9	600 Broadway, New York 12	NY
American Machine & Foundry Co., 1-2-3-8	1025 N Royal St. Alexandria	Va
American Mica Insulation Co., 1-2-3-4-5-6-7-8-9	2375 Parker Ave. Manasquan	NJ
American Printed Circuits Co., Inc., 1-2-5-6-7-8	Forrest St, Metuchen	NJ

Amflex Products Dept. Amer. Mach. & Fdry. Co., 2-8-9	6?? Hope St. Springdale	Conn
Avco Corp. Electronics & Ordnance Div., 1-2-4-8-9	Box 116, Cincinnati 15	Ohio
Bache & Co., Semon, 2-4	636 Greenwich St, New York 14	NY
Beam Co. N.S., 5-6-7	9 Montgomery St. Hillside	NJ
Beggs Co., Inc. Carl H., 2-7-8	Dept EB, 1547 14 St. Santa Monica	Cal
Bonnyle Co., The, 1-2-3-4-5-6-7	Green St, Silverdale	Pa
CTS CORP., 5-6, Adv Pg 241	**1142 W Beardsley Ave. Elkhart**	**Ind**
CINCH MFG. CO., 1-2-4-5-6-8, Adv Pgs 296, 297	**1026 S Homan Ave. Chicago 24**	**Ill**
Comco Plastics, Inc., 1-2-3-5-6-7-8	98-40 Jamaica Ave. Richmond Hill	NY
Continental-Diamond Fibre Corp, 1-2-3-4-5-6-8-9	Newark 100	Del
Dean Plastics Inc., 2-3-4-6-8-9	110 Herbert Ave. Closter	NJ
du Pont de Nemours & Co., Inc., E.I., 8-9	Wilmington 98	Del
Duralite Corp., 3	1025 Race St, Philadelphia 7	Pa
ELECTRICAL INSULATION CO. INC., 1-2-3-4-5-6-7-8-9, Adv Pg 500	**1245 Marconi Blvd. Copiague**	**NY**
Emerson & Cuming, Inc., 2-7	869 Washington St. Canton	Mass
Emerson Plastics Corp., 1-2-3-4-5-6-7-8-9	1383 Seabury Ave. Bronx 61	NY
Essex Plastics Corp., 1-2-3-4-5-6-7-8-9	39 View St. Everett	Mass
Estes Corp., 8-9	Fellowship Rd, Rt. 73, Maple Shade	NJ
Flexrock Co., 8-9	3624 Filbert St, Philadelphia 1	Pa
Formica Corp., 1-2-3-4-5-6-7	4587 Spring Grove Ave. Cincinnati 32	Ohio
Franklin Fibre Lamitex Corp., 1-2-3-4-5-6-7-8-9	P.O. Box 1158, Wilmington	Del
Garde Mfg. Co., 3	53 John St. Cumberland	RI
Garlock Electronic Products, Garlock, Inc., 8	Camden 1	NJ
General Electric Co. Laminated Products Dept., 1-2-5-8	Coshocton	Ohio
General Plastics Corp., 8	55 La France Ave. Bloomfield	NJ
Haragen Insulator & Seal Corp., 8-9	1960 Pacific Ave, Franklin Park	Ill
Hercules Powder Co. Inc., 2	910 Market St. Wilmington 99	Del
[illegible] Engineering Corp., 8	400 E Taylor Ave. Sunnyvale	Cal
Insulating Fabricators, Inc., 1-2-3-4-5-6-7-8-9	150 Union Ave, East Rutherford	NJ
Insulation Manufacturers Corp., 2-3-4-5-6-7-8-9	565 W Washington Blvd. Chicago 6	Ill
International Resistance Co., 8	401 N Broad St. Philadelphia 8	Pa
Isolantite Mfg Corp., 7	Stirling	NJ
Keil Engineering Products Inc., 2-6	6933 Manchester, St. Louis 10	Mo
Laminated Fabricating 1-2-3-4-5-6-7	2145 San Mateo Ave. San Bruno	Cal
Laminated Sheet Prods. Corp., 1-2-3-4-5-6-7-8-9	49 Neponset St. Norwood	Mass
Lewis & Kaufman Electronics Corp., 2	Box 337, Los Gatos	Cal
Long, Inc., Thomas J., 1-2-3-4-5-6-7-8-9	215 Stonehinge Ln, Carle Place	NY
Mica Corp., 2	4031 Elenda, Culver City	Cal
Midland Industrial Finishes Corp., 7	Dept 1-20, Waukegan	Ill
MILLER-STEPHENSON CHEMICAL CO. INC., 2-8, Adv Pg 450	**39 Day St. South Norwalk**	**Conn**
Minor Rubber Co. Inc., 7	40 Ackerman St. Bloomfield	NJ
Modine Products Inc., 7	1916 Indiana St. Racine	Wis
Mykroy, Inc., 1-2-3-4-5-6-8-9	645 Pleasant Rd. Wheeling	Ill
Narmco Materials Div., Sub. Telecomputing Corp., 2-4-7	600 Victoria St, Costa Mesa	Cal
National Vulcanized Fibre Co., 1-2-3-4-5-6-8	Box 311, Wilmington 99	Del
New England Laminates Co., Inc., 1-2-4-5-6	481 Canal St, Stamford	Conn
Northern Plastics Corp., 1-2-3-4-5-6	Second & Market Sts, LaCrosse	Wisc
Parellyte Div. St. Regis Paper Co., 1-2-3-4-5-6-7	5 Enterprise Ave. Trenton 8	NJ
Penn Fibre & Specialty Co., 3-4-5-6-7	2020 E Westmoreland St. Phila. 34	Pa
Precision Metal Products Co. of Malden, 1-2-3-4-5-6-7-8-9	41 Elm St. Stoneham 80	Mass
Richardson Co., The, 2-3-8-9	2767 Lake St. Melrose Park	Ill
Silicone Insulation, Inc., 1-2-3-4-5-6-7-8-9	1385 Seabury Ave. Bronx 61	NY
Silicones Div., UCC, 7	270 Park Ave, New York 17	NY
Silicone-Miller Co., 8	Maplewood	NJ
Spaulding Fibre Co. Inc., 1-2-4-6	310 Wheeler St. Tonawanda	NY
Synthane Corp., 1-2-3-4-5-6-7	Oaks	Pa
Taylor Fibre Co., 1-2-3-4-5-6-7-9	Norristown 51	Pa
Tingstol Co., 1-2-3-4-5-6-7-8-9	1340 W. Fullerton, Chicago 14	Ill
TRI-POINT PLASTICS, INC., 1-2-3-4-5-6-8-9, Adv Pg 479	**175 I.U. Willets Rd. Albertson**	**NY**
VECTOR ELECTRONIC CO., 1-2-6-7, Adv Pg 544	**1100 Flower St. Glendale 1**	**Cal**
Western Felt Works, 7	4029 Ogden Ave. Chicago	Ill
Westinghouse-Micarta Div., 1-2-6	Hampton	SC
Wilson Camera Co., Inc., 1	1195 Lawrence Rd, Havertown	Pa
Wilmington Fibre Specialty Co., 5-6	New Castle 6	Del
Zenith Plastic Co., 3-5-7	P.O. Box 91, Gardena	Cal

LAMINATIONS — *TRANSFORMER*

Allegheny Ludlum Steel Corp	2020 Oliver Bldg. Pittsburgh 22	Pa
Arnold Engineering Co. Pacific Div.	1551 E Orangethorpe Ave. Fullerton	Cal
Avco Corp. Electronics & Ordnance Div	Box 116, Cincinnati 15	Ohio
Bell Inc., F	1356 Norton Ave. Columbus 12	Ohio
Beggs Co., Inc. Carl H.	Dept EB, 1547 14 St. Santa Monica	Cal
Ceramco Inc. Chemists	173 Ridge St. Newark 4	NJ
Corry Arms	522 Green Ridge St. Scranton 9	Pa
Hazzy Tool Co	1535 N. Dayton, Chicago 22	Ill
Magnetic Metals Co	Hayes Ave at 21 St, Camden	NJ
Tempel Steel Co	1929 Wyn Mawr Ave, Chicago 26	Ill
Thomas & Skinner, Inc	1122 E. 23rd St, Indianapolis 5	Ind
YUTAKA ELECTRIC MFG. CO. LTD., Adv Pg 266	**1-1253 Yutaka-cho, Shinagawa-ku, Tokyo**	**Jap**

LAMINATION STACKING MACHINES See MACHINES — *LAMINATION-STACKING*

LAMP ASSEMBLIES — *PILOT*

Acme Electronics Corp	Box 935G, Elyria	Ohio
Aeronautical Electric Co	5656 Northwest Hwy, Chicago 46	Ill
American Machine & Foundry Co	1025 N Royal St. Alexandria	Va
DIALIGHT CORP., Adv Pg 533	**60 Stewart Ave. Brooklyn 37**	**NY**
Drake Mfg. Co	4626 N. Olcott, Chicago 31	Ill
Eagle Electric Mfg. Co. Inc	23-10 Bridge Plaza S, L. I. City	NY
Green Rectifier Co	1-10 30th St, Fair Lawn	NJ
INDUSTRIAL DEVICES, INC., Adv Pg 540	**Edgewater 8**	**NJ**
Kulka Electric Corp	633 S. Fulton Ave, Mt. Vernon	NY
Molex Products Co	5915 Southview Ave. Brookfield	Ill
Oki & Willadsen Ltd	47 Crockford Blvd, Toronto 16, Ontario, Canada	
Signal Indicator Corp	42 Stewart Ave. Brooklyn 37	NY
Tingstol Co	1340 W. Fullerton, Chicago 14	Ill

Transistor Electronics Corp	3357 Republic Ave, Minneapolis 26	Minn
UCINITE CO. DIV. UCF, Adv Pg 69	**459 Watertown St. Newtonville**	**Mass**

LAMP PLATES See PLATES — *TRANSLUCENT*

LAMPS

1. GLOW 2. PANEL, PILOT & DIAL, INCANDESCENT 3. PHOTOFLASH 4. PRINTED-CIRCUIT, FLARE-MOUNT 5. PROJECTION 6. STROBOSCOPIC SOURCE 7. SUBMINIATURE 8. ULTRAVIOLET

See Also INFRARED EQUIPMENT: LIGHT SOURCES — *RADIOACTIVE*

Aerolite Electronics Corp., 1-2	2207 Summit Ave. Union City	NJ
AEROLUX LIGHT CORP., 1-6-8, Adv Pg 522	**653 11th Ave. New York 36**	**NY**
Aeronautical Electric Co	5656 Northwest Hwy, Chicago 46	Ill
ALDEN PRODUCTS CO., 1-2-7, Adv Pg 359	**112 N Main St. Brockton 64**	**Mass**
Alden Systems Co., 1-2	117 N Main St. Brockton	Mass
American Machine & Foundry Co., 2	1025 N Royal St. Alexandria	Va
Amglo Corp., 3-6-8	4333 N Ravenswood Ave. Chicago 13	Ill
Associated Engineering & Mfg Corp., 2	Glen Ridge	NJ
Blacklight Corp of America, 8	5112 Walnut Grove Ave, San Gabriel	Cal
Black Light Eastern Corp., 8	4 Manhasset Ave. Port Washington	NY
Black Light Products, 8	4868 N Sheridan Rd. Chicago 40	Ill
Burton Instruments, Div Burton Mfg., 8	2520 Colorado Ave, Santa Monica	Cal
Cerberus AG, 1	Mannedorf, Switzerland	
Chicago Miniature Lamp Works, 1-2-7-8	1500 N Ogden Ave. Chicago 10	Ill
CIRCON COMPONENT CORP., 1-2-4-7, Adv Pg 446	**Santa Barbara Airport, Goleta**	**Cal**
Color-Lite Div. Sloan Co., 1-2-4-7	7704 San Fernando Rd. Sun Valley	Cal
Cooper Hewitt Electric Co. Inc. Div. Sporti Faraday Inc., 8	732 Grand St. Hoboken	NJ
Cutler-Hammer Inc., 2	411 N 12th St. Milwaukee 1	Wis
DIALIGHT CORP., 1-2-7, Adv Pg 533	**60 Stewart Ave. Brooklyn 37**	**NY**
Drake Mfg. Co., 1-2	4626 N. Olcott, Chicago 31	Ill
Eagle Electric Mfg. Co., Inc., 2	23-10 Bridge Plaza S., L.I. City	NY
Edmund Scientific Co., 5-8	502 E Gloucester Pike, Barrington	NJ
Eldema Corp., 1-2-7	1805 Belcroft Ave. El Monte	Cal
Epic, Inc., 8	150 Nassau St, New York 38	NY
Fedtro Inc., 2	Fed. Electr. Bldg. Rockville Centre	NY
Ferranti Electric Inc., 6	Industrial Park #1, Plainview	NY
Fidelity Amplifier Co., 2	1643 N. Halsted St, Chicago 14	Ill
Flexo International Corp., 8	3723 N. Milwaukee Ave, Chicago 41	Ill
Gardner Lab. Inc., 8	Box 5727-E, Bethesda 14	Md
Gates & Co., George W., 8	Hempstead & Lucille, Franklin Sq	NY
General Electric Co. Miniature Lamp Dept., 1-2-7	Nela Park, Cleveland 12	Ohio
Green Rectifier Co., 2	1-10 30th St, Fair Lawn	NJ
HART MFG CO., 2, Adv Pg 298	**242 Bartholomew Ave. Hartford 1**	**Conn**
Hudson Lamp Co., 1-2-7	528 Elm St. Kearny	NJ
Kahl Scientific Instrument Corp., 6	737 W Main St. El Cajon	Cal
Kemlite Laboratories, Inc., 6-8	1819 W. Grand Ave, Chicago 22	Ill
Kirkland Co., H.R., 2	8 King St, Morristown	NJ
Korry Mfg. Co., 1-2	223 8th Ave. N, Seattle 9	Wash
Laine Electronics & Mfg. Co. Inc., 1-8	91 Industrial Ave. Little Ferry	NJ
Leecraft Mfg Co. Inc., 1-2	60 Greene St. Dept. 11, New York 12	NY
Loral Electronics Corp., 2	825 Bronx River Ave. New York 72	NY
Luxo Lamp Corp	Dock St. Port Chester	NY
Magnaflux Corp., 8	7300 W Lawrence Ave. Chicago 31	Ill
MICO INSTRUMENT CO., 8, Adv Pg 514	**77 Trowbridge St. Cambridge 38**	**Mass**
Microlite Inc. Pyrocircuits Div., 8	6 Manhasset Ave. Port Washington	NY
Minn-Honeywell, Military Prods Gr., 6-8	2600 Ridgway Rd. Minneapolis 13	Minn
Molex Products Co., 2	5915 Southview Ave. Brookfield	Ill
North American Electric Lamp Co., 2	1520 N. 13 St, St. Louis 6	Mo
Oki & Willadsen Ltd., 2-4	47 Crockford Blvd. Toronto 16	Ont
OXFORD ELECTRIC CORP., 1-2-7, Adv Pg 539	**3911 S Michigan Ave. Chicago 53**	**Ill**
PEK Labs., Inc., 3-5-6-8	4024 Transport St, Palo Alto	Cal
Permoflux Mfg Co., 2	910 W Jackson Blvd. Chicago 7	Ill
Philips' Gloeilampenfabrieken, N. V., 1-3-5-8	Eindhoven	Neth
Pastronic Engineering Co., 2	721 Boston Post Rd, Marlborough	Mass
Radio Corp of America, Electron Tube Div., 2	415 S 5th St. Harrison	NJ
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., 2, Adv Pg 37	**411 Providence Tpke. Westwood**	**Mass**
Shannon Luminous Materials Co., 8	7356 Santa Monica Blvd, Hollywood	Cal
SHAPIRO & EDWARDS, 3-6, Adv Pg 512	**1130 Mission St. South Pasadena**	**Cal**
Signal Indicator Corp., 1-2-7	42 Stewart Ave. Brooklyn 37	NY
Signalite Inc., 1-7	Neptune	NJ
Smith, Inc., Herman H., 2	2326 Nostrand Ave, Brooklyn 10	NY
Smith Mfg. Co., J&H, 2	Little Britain Rd, Newburgh	NY
Stocker & Yale Inc., 8	Green St. Marblehead	Mass
Strobolite Co. Inc	77 W 45 St. New York 36	NY
Swing-O-Lite Inc., 2-6	13 Mannachie Rd. Hackensack	NJ
Sylvania Elec Prods Inc. Lighting Prods Div., 1-2-3-4-5-6-7-8	60 Boston St. Salem	Mass
Sylvania Photolamp & Special Products, 1-2-3-4-5-6-7-8	60 Boston St. Salem	Mass
Tallmaster, Inc., 1-2	534 Laurel St, San Carlos	Cal
TECHNICAL APPARATUS BUILDERS, 3, Adv Pg 529	**109 Liberty St. New York 6**	**NY**
TUNG-SOL ELECTRIC INC., 2-4, Adv Pgs 158, 159	**1 Summer Ave. Newark 4**	**NJ**
UCINITE CO. DIV. UCF, 2, Adv Pg 69	**459 Watertown St. Newtonville**	**Mass**
Ultra-Violet Products, Inc., 8	5114 Walnut Grove Ave, San Gabriel	Cal
Union Carbide Consumer Products Co. Div. UCC, 1-2	270 Park Ave. New York 17	NY
U. S. Instrument Corp., 2	Box 1200BG, Charlottesville	Va
U. S. Nuclear Corp., 8	801 N. Lake St, Burbank	Cal
Waber Electronics, Inc., 6	Hancock & Somerset, Philadelphia 33	Pa
West Coast Research Corp., 3	2102 S Sepulveda Blvd. Los Angeles	Cal
Western Coil & Electrical Co., 8	215 State St. Racine	Wisc
Westinghouse-Lamp Div., 1-2-3-5-7-8	Bloomfield	NJ

LAMP SHIELDS See SHIELDS-LAMP

LAMPS — *INFRARED* See INFRARED DEVICES

LAMP SOCKETS See SOCKETS — *LAMP*
LAPPERS — *CRYSTAL* See MACHINES — *CRYSTAL FINISHING*
LATHES — *RECORDING* See RECORDERS — *DISK*
LAVA See CERAMICS

LAPPING & HONING SERVICES — *PRECISION*

1. MECHANICAL PARTS 2. OPTICAL PARTS

Allied Engineering & Production Corp., 1	2421 Blanding Ave. Alameda	Cal
Buhl Optical Co., 2	1009 Beech Ave. Pittsburgh 33	Pa
Control Electropolishing Corp., 1	59 S Columbus Ave. Freeport	NY
Edmund Scientific Co., 1-2	502 E Gloucester Pike, Barrington	NJ
Everard Tap & Die Corp., 1	213 E 144th St. New York 51	NY
Fecker, J. W. Div. Amer. Optical Co., 2	6592 Hamilton Ave. Pittsburgh 6	Pa
Ford Instrument Co. Div. Sperry Rand Corp., 1	31-10 Thomson Ave. Long Island City 1	NY
Gemex Corp. Industrial Div	1200 Commerce Ave. Union	NJ
Lancaster Glass Corp., 2	Lancaster 20	Ohio
Lear Inc., 2	3171 S Bundy Dr. Santa Monica	Cal
Mason, Shaver & Rhoades Inc., 1	Box 551, Irwin	Pa
Meller Co., Adolf, 2	Box 6001-Turnkey, Providence	RI
Norton Co	1 New Bond St. Worcester 6	Mass
Nutmeg Screw Machine Products Co., 1	Box 1470, Waterbury	Conn
Santa Fe Instruments Inc., 1	2343 Jerome Ave. New York 68	NY
Steel Heddle Mfg Co., 1	2100 W Allegheny Ave. Philadelphia 32	Pa
Torrington Co., 1	59 Field St. Torrington	Conn
VARO, INC., 2 Adv Pg 118	**2201 Walnut St. Garland**	**Tex**
Wallin Optical Systems Inc., 2	18670 Ventura Blvd. Tarzana	Cal
Weston Hydraulics, Sub. Borg-Warner, 1	7500 Tyrone Ave. Van Nuys	Cal
Zenith Optical Lab., 2	1940 Great Neck Rd. Copiague	NY

LASERS See MASERS — *OPTICAL*

LEAD

1. BARS 2. FINISHED PARTS 3. FOIL 4. SHEETS

Accurate Specialties Co. Inc., 1-2-3-4	345 Lodi St. Hackensack	NJ
Allied Chemical Corp. Baker & Adamson Prods.-Gen. Chem. Div., 4	40 Rector St. New York	NY
Allied Engineering & Production Corp	2421 Blanding Ave. Alameda	Cal
Alloys Unlimited, Inc., 1-2-3-4	21-03 43rd Ave, Long Island City 1	NY
Alpha Metals, Inc., 1-2-3-4	600 Water St. Jersey City	NJ
American Smelting & Refining Co., 3-4	120 Broadway, New York 5	NY
Anchor Metal Co., The, 1-2-3-4	966 Meeker Ave, Brooklyn 22	NY
ART WIRE & STAMPING CO., 2, Adv Pg 409	**227 High St. Newark 2**	**NJ**
Auburn Mfg. Co., The, 2	Pease Ave & Stack St, Middletown	Conn
Bar-Ray Products, Inc., 3-4	213 25 St, Brooklyn 32	NY
Barwood Mfg. Co. Inc., L. J., 2	22 Williams St. Everett 49	Mass
Belmont Smelting & Refining Works, 1-2-3-4	332 Belmont Ave. Brooklyn 7	NY
Cerro Sales Corp., 1	300 Park Ave. New York 22	NY
Cominco Products Inc., 1-2-4	933 W 3rd Ave. Spokane	Wash
Composite Industrial Metals Inc., 1-3	235 Georgia Ave. Providence 5	RI
Division Lead Co., 1-2-3-4	7742 W. 61st Pl, Summit	Ill
Genex Corp. Industrial Div., 2	1200 Commerce Ave. Union	NJ
General Gaskets Inc., 2	Middletown	Conn
Hirsch, Lichtenstein & Co., 1	25 Broadway, New York 4	NY
Isotope Developments Ltd., 2	Bath Rd Beenham, Reading, Berks	Eng
A.D. Mackay, Inc., 1-3-4	198 Broadway, New York 38	NY
National Gasket & Washer Mfg. Co. Inc., 2	124 E 25 St. New York 10	NY
NATIONAL LEAD CO., 1-2-4, Adv Pg 557	**111 Broadway, New York 6**	**NY**
Penn Fibre & Specialty Co., 2	2020 E. Westmoreland St, Philadelphia 34	Pa
Picker X Ray Corp., 3-4	White Plains	NY
Ray Proof Corp., 1-2-3-4	843 Canal St, Stamford	Conn
Revere Copper & Brass, Inc., 3	230 Park Ave, New York 17	NY
Semi-Alloys Inc., 1-2-3-4	20 McQueston Pkwy. N, Mt. Vernon	NY
Staver Co. Inc., 2	41 N Saxon Ave. Bay Shore	NY
United Mineral & Chemical Corp., 1-2-3-4	16 Hudson St. New York 13	NY
U. S. Nuclear Corp., 2	801 N. Lake St, Burbank	Cal

LEAD-CUTTING MACHINES See MACHINES — *LEAD-CUTTING & FORMING*
LEAD PREFORMS See PREFORMS

LEADS — *TEST*

Aerolite Electronics Corp	2207 Summit Ave, Union City	NJ
Air-O-Tronics Engineering Co	Morrisville	NY
American Smelting & Refining Co	120 Broadway, New York 5	NY
Ampco Mfg. Co	246 E. 2nd St, Plainfield	NJ
ASSOCIATED ENGINEERING CORP., Adv Pg 559	**65 Kent St. Brookline 46**	**Mass**
Belmont Smelting & Refining Works	332 Belmont Ave, Brooklyn 7	NY
BIRNBACH RADIO CO. INC., Adv Pg 529	**145 Hudson St. New York 13**	**NY**
Cable Designs, Inc	66 Rushmore St. Westbury	NY
Cadre Industries Corp	Box 150, Endicott	NY
Dormer Products, Inc	P.O. Box [illegible], Denver 1[illegible]	Colo
Empire Electronics Co. Inc.	60 Spruce St. Paterson 1	NJ
Hi-Lo Mfg. Corp	1122 W. Newport Ave, Chicago 13	Ill
Kurston Electronics	702 Bay St. Staten Island	NY
Pacific Electricord Co	747 W Redondo Beach Blvd. Gardena	Cal
Pomona Electronics Co. Inc	1500 E 9th St. Pomona	Cal
Precison Apparatus Co., Inc	70-31 84 St, Glendale 27	NY
Smith, Inc., Herman H.	2326 Nostrand Ave, Brooklyn 10	NY
Tricraft Products Corp	1124 W. Newport Ave, Chicago 13	Ill

LEAK DETECTORS See DETECTORS — *LEAK*

LEATHER — *ARTIFICIAL*

Auburn Mfg. Co., The	Pease Ave. & Stack St. Middletown	Conn
duPont de Nemours & Co. Inc., E. I.	Wilmington 98	Del

LEHRS — See FURNACES: OVENS
LENSES — *INFRARED* See INFRARED DEVICES

LENSES — *MICROWAVE*

Chu Associates	Box 387, Littleton	Mass
Don-Lan Electronics Inc	1131 Olympic Blvd. Santa Monica	Cal
Emerson & Cuming, Inc	869 Washington St. Canton	Mass
McMillan Industrial Corp	Brownville Ave. Ipswich	Mass
SEMI-ELEMENTS INC., Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
Sperry Microwave Electronics Co	P.O. Box 1828, Clearwater	Fla
Surface Conduction, Inc	1501 Broadway, New York 36	NY
VARO, INC Adv Pg 118	**2201 Walnut St. Garland**	**Tex**

LENSES — *OPTICAL*

1. GENERAL-PURPOSE 2. TV CAMERA 3. TV PROJECTION RECEIVER

American Instrument Co., Inc., 1	8030 Georgia Ave, Silver Spring	Md
Argus Cameras Inc Div Sylvania Elec Prods Inc, 1	405 4th St, Ann Arbor	Mich
Bache & Co., Semon, 1-2-3	636 Greenwich St, New York 14	NY
Bausch & Lomb Inc., 1-2-3	61462 Bausch St. Rochester 2	NY
Beckman & Whitley, Inc., 1	993 San Carlos Ave, San Carlos	Cal

Block Associates, Inc	385 Putnam Ave. Cambridge 39	Mass
Buhl Optical Co., 1-3	1009 Beech Ave, Pittsburgh 33	Pa
BURKE & JAMES INC., 1-2-3, Adv Pg 553	**321 S Wabash Ave. Chicago 4**	**Ill**
CETRON ELECTRONICS CORP., 1, Adv Pg 379	**715 Hamilton, Geneva**	**Ill**
Chicago Aerial Industries, 1-2-3	550 W Northwest Hwy. Barrington	Ill
Davidson Optronics Inc., 1	2223 Ramona Blvd. W Covina	Cal
EMI-Cossor Electronics Ltd., 2	Box 525 Dartmouth NS	Can
Eastman Kodak Co., 1-2-3	343 State St. Rochester 4	NY
Farrand Optical Co. Inc., 2	Bronx Blvd. at 238th St. New York 70	NY
Fecker, J. W. Div. Amer. Optical Co., 1	6592 Hamilton Ave. Pittsburgh 6	Pa
Fish-Schurman Corp., 1	70 Portman Rd, New Rochelle	NY
Fostoria Corp., 1	Box 151, Fostoria	Ohio
Gaertner Scientific Corp., 1	1239 Wrightwood, Chicago 14	Ill
GENERAL ELECTRIC CO. WILLOUGHBY QUARTZ PLANT, 1, Adv Pg 10	**Dept. EBG-9, Willoughby**	**Ohio**
Goerz American Optical Co., C. P., 1	461 Doughty Blvd. Inwood 96	NY
Gordon Enterprises, 1-2-3	5362 N. Cahuenga Blvd, N. Hollywood	Cal
ICHIZUKA OPTICAL INDUSTRIAL CO. LTD., 1-2-3, Adv Pg 264	**568, 2-chome, Simochiai, Shinjuku-Ku, Tokyo**	**Jap**
Keuffel & Esser Co., 1	300 Adams St. Hoboken	NJ
KIN TEL DIV. COHU ELECTRONICS, 2, Adv Pgs 244, 245, 247	**5725 Kearny Villa Rd. San Diego 12**	**Cal**
Kollmorgen Corp., 1	347 King St. Northampton	Mass
Kollsman Instrument Corp Sub Standard Kollsman Ind Inc., 1	80-08 45th Ave. Elmhurst 73	NY
Lancaster Glass Corp., 1	Lancaster 20	Ohio
Marconi's Wireless Telegraph Co. Ltd., 2	750 3rd Ave. New York 17	NY
National Cine Equipment, Inc., 1-2-3	209 W. 48 St, New York	NY
Perkin-Elmer Corp., The, 1	Main Ave, Norwalk	Conn
Phoenix Precision Instrument Co., 1	3805 N 5th St. Philadelphia	Pa
Polan Industries, Inc., 1	P.O. Box 1720, Huntington 19	W. Va
Republic Lens Co. Inc., 1-2-3	31 E. 169th St. New York 52	NY
Seiscor Div., Seismograph Service Corp., 1	6200 E. 41st St, P.O. Box 1590, Tulsa 1	Okla
SEMI-ELEMENTS INC., 1, Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
Stocker & Yale Inc., 1	Green St. Marblehead	Mass
U S Precision Lens & Plastics Inc., 1	626 Broadway, Cincinnati 2	Ohio
VARO, INC., 1-2-3 Adv Pg 118	**2201 Walnut St. Garland**	**Tex**
Walling Optical Systems, Inc., 1	18670 Ventura Blvd, Tarzana	Cal
WHITE CO., O. C., 1, Adv Pg 428	**17 Herman St. Worcester 8**	**Mass**
Zenith Optical Laboratory, 1	1940 Great Neck Rd, Copiague	NY
Zoomar Inc., 1-2	55 Sea Cliff Ave. Glen Cove	NY

LEVEL CONTROLS See CONTROLS -*LEVEL*
LEVEL INDICATORS See INDICATORS -*LEVEL*
LEVEL RECORDERS See RECORDERS -*LEVEL*
LEVEL TRANSDUCERS See TRANSDUCERS

LIE DETECTORS -*ELECTRONIC*

ASSOCIATED RESEARCH, INC., Adv Pg 218	**3788 W Belmont Ave. Chicago 18**	**Ill**
Electro-Medical Lab., Inc	South Woodstock 8	Vt
Osborne Research Labs	Box 1435, Santa Barbara	Cal

LIGHT CONTROLS See CONTROLS -*PHOTOELECTRIC*

LIGHTING EQUIPMENT-TV

Gordon Enterprises	5362 N. Cahuenga Blvd, N. Hollywood	Cal
Mole-Richardson Co	937 N. Sycamore Ave, Hollywood 38	Cal
Sylvania Photolamp & Special Products	60 Boston St. Salem	Mass

LIGHT METERS See METERS -*LIGHT*

LIGHTNING ARRESTERS -*ANTENNA & TRANSMISSION LINE*

Airtron, Div of Litton Industries	200 E Hanover Ave. Morris Plains	NJ
Cush Craft	621 Hayward St. Manchester	NH
G-C Electronics Co	400 S Wyman St. Rockford	Ill
Hi-Lo Mfg Corp	1122 W Newport Ave. Chicago 13	Ill
Specialty Electronics Development Corp	115 Eileen Way, Syosset	NY
Telco Electronics Mfg. Co	400 S Wyman St. Rockford	Ill
Tricraft Products Corp	1124 W Newport Ave. Chicago 13	Ill

LIGHTS See LAMPS
LIGHT-SENSITIVE ACIDS See CHEMICALS -*PRINTED-CIRCUIT*

LIGHT SOURCES -*RADIOACTIVE*

Cambridge Thermionic Corp	445 Concord Ave, Cambridge 38	Mass
Canadian Radium & Uranium Corp	630 Fifth Ave, New York 20	NY
U. S. Nuclear Corp	801 N. Lake St, Burbank	Cal
U.S. RADIUM CORP., Adv Pg 200	**P.O. Box 246, Morristown**	**NJ**

LIMITERS -*SURGE*

Green Rectifier Co	1-10 30th St. Fair Lawn	NJ
MODEL ENG. & MFG. CORP., Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Radio Engineering Labs. Inc	29-01 Borden Ave. Long Island City 1	NY

LIMITING AMPLIFIERS See AMPLIFIERS - A-F: AMPLIFIERS -*COMPUTER*
LIMIT SWITCHES See SWITCHES -*AUTOMATICALLY-OPERATED*
LINE AMPLIFIERS See AMPLIFIERS - A-F
LINEAR AMPLIFIERS See AMPLIFIERS -*COMPUTER*
LINE-CORD PLUGS See PLUGS
LINE CORDS WITH PLUGS See CORDS -*LINE*
LINE-CORD WIRE See WIRE -*LINE-CORD*
LINE PRINTERS See PRINTERS -*LINE*
LINERS -*CAN* See INSULATORS -*CAN LINER*
LINES -*DELAY* See DELAY LINES

LINE SELECTORS-TV

I-T-E Circuit Breaker Co	601 E Erie Ave. Philadelphia 34	Pa

LIGHTHOUSE TUBES See TUBES -*PLANAR*
LINES -*SLOTTED* See DETECTORS -*STANDING-WAVE*
LINE STRETCHERS See STRETCHERS -*LINE*
LINES -*TRANSMISSION* See CABLES -*UNSHIELDED*

LINKS -*ANTENNA*

Andrew California Corp	941 E Marylind Ave. Claremont	Cal
Dielectric Products Engrg. Co. Inc	Raymond	Me
Electrada Corp	11244 Playa St. Culver City	Cal
Houston Fearless Corp	9107 Wilshire Blvd. Beverly Hills	Cal
I. E. Manufacturing	3041 Carroll, Chicago 12	Ill
MODEL ENG. & MFG. CORP., Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
PORTCHESTER INSTRUMENT CORP., Adv Pg 468	**114 Wilkins Ave. Port Chester**	**NY**
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
Washington Aluminum Co. Inc	Pa RR & Knecht Ave. Baltimore 29	Md
Waveline Inc.	Box 718, Caldwell	NJ

LINKS -*MICROWAVE ANTENNA RELAY* See RELAYS -*MICROWAVE*
LIQUEFIED GASES See GASES
LIQUID DIELECTRICS See DIELECTRICS -*LIQUID*
LIQUID-LEVEL CONTROLS See CONTROLS -*LEVEL*
LIQUID-LEVEL INDICATORS See INDICATORS -*LEVEL*
LIQUID-LEVEL RECORDERS See RECORDERS -*LEVEL*

LITHIUM COMPOUNDS *(FOR CATHODE-RAY SCREENS)*

Allied Chemical Corp. Baker & Adamson Prods-Gen. Chem. Div.	40 Rector St. New York	NY
Bram Metallurgical Chemical Co	820 65 Ave. Philadelphia 26	Pa
Foote Mineral Co	Rm 411, 18 W Chelten Ave, Phila 44	Pa
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Mallinckrodt Chemical Works	Second & Mallinckrodt Sts, St. Louis 7	Mo
SEMI-ELEMENTS, INC., Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
Var-Lac-Oid Chemical Co	116 Broad St. New York 4	NY

LITZ WIRE See WIRE -*LITZ*
LOAD CELLS See TRANSDUCERS -*PRESSURE*

LOADS -*DUMMY*

1. POWER 2. R-F

Airtec, Inc., 2	139 E. First Ave, Roselle	NJ
Airtron, Div of Litton Industries, 1-2	200 E Hanover Ave. Morris Plains	NJ
ANTENNA SYSTEMS, INC., 2, Adv Pg 428	**Hingham Industrial Center, Hingham**	**Mass**
Ardwin Microlab Inc., 2	21 Spencer St. Stoneham 80	Mass
AUTOMATIC METAL PRODUCTS CORP., 2, Adv Pg 550	**315 Berry St. Brooklyn 11**	**NY**
Avriel Electronics, Inc., 1-2	1755 Berkeley St. Santa Monica	Cal
Avtron Mfg Inc., 1	10409 Meech, Cleveland 5	Ohio
Barker & Williamson, 2	Canal & Beaver Sts, Bristol	Pa
Bayly Engineering Ltd., 2	Hunt St. Ajax	Ont
Bay-Tronic Co., 1-2	39-43 Evergreen St. Bayonne	NJ
Benco Television Associates, Ltd., 2	27 Taber Rd. Rexdale, Ont	Can
BIRD ELECTRONIC CORP., 2, Adv Pg 239	**30303 Aurora Rd. Cleveland 39**	**Ohio**
Bogart Mfg. Corp., 1-2	315 Seigel St. Brooklyn 6	NY
BUDD STANLEY CO. INC., 2, Adv Pg 313	**175 Eileen Way, Syosset**	**NY**
CARBORUNDUM CO. REFRACTORIES DIV., 1-2, Adv Pgs 104, 105	**Perth Amboy**	**NJ**
Coax Devices, 1-2	Box V, Chelsea 50	Mass
Continental Electronics Mfg Co. Sub Ling-Temco Electronics, Inc., 2	4212 S Buckner Blvd. Dallas 27	Tex
CONTROL ELECTRONICS CO. INC., 2, Adv Pg 444	**10 Stepar Pl. Huntington Sta**	**NY**
Corning Glass Works, Corning Electronic Components, 1	550 High St. Bradford	Pa
Crown Controls Co., Inc., 2	40 S. Washington St, New Bremen	Ohio
CUSTOM COMPONENTS INC., 1-2, Adv Pg 396	**P. O. Box 248, Caldwell**	**NJ**
Decitron Electronics Corp., 1-2	850 Shephard Ave. Brooklyn 8	NY
DeMORNAY-BONARDI CORP., 1, Adv. Pgs. 178, 179	**780 S Arroyo Pkwy. Pasadena**	**Cal**
Diamond Antenna & Microwave Corp., 2	River St, Winchester	Mass
Dielectric Products Engrg. Co. Inc., 1-2	Raymond	Me
DOUGLAS MICROWAVE CO. INC., 1-2, Adv Pg 235	**252 E 3rd St. Mt Vernon**	**NY**
E.P. Electric Products Co., Ltd. 1	977 Waverly St, Montreal 12, Que, Canada	
EITEL-McCULLOUGH INC., 1-2, Adv Pgs 57-60	**301 Industrial Way, San Carlos**	**Cal**
ELECTRO IMPULSE LAB. INC., 1-2, Adv Pg 357	**208 River St. Red Bank**	**NJ**
EMPIRE DEVICES INC., 1-2, Adv Pg 132	**Amsterdam**	**NY**
FXR INC., 1-2, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Film Resistors Inc., 1-2	242 Ridgedale Ave. Morristown	NJ
Filmohm Corp., 1	48 W 25 St. New York 10	NY
General Communication Co., 2	677 Beacon St, Boston 15	Mass
GENERAL ELECTRIC CO. APPARATUS SALES, 1-2, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
General Microwave Corp., 1	47 Gazza Blvd. Farmingdale	NY
Gilfillan Bros., Inc., 1-2	1815 Venice Blvd, Los Angeles 6	Cal
HEWLETT-PACKARD CO., 2, Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
Houlihan Co., T. J., 2	2510 W. Lawrence Ave, Chicago 25	Ill
I-T-E Circuit Breaker Co., 2	601 E Erie Ave. Philadelphia 34	Pa
JONES ELECTRONICS CO. INC., M. C., SUB. BENDIX CORP., 1-2 Adv Pg 131	**185 N Main St. Bristol**	**Conn**
KINGS ELECTRONICS CO. INC., 2, Adv Pg 506	**40 Marbledale Rd. Tuckahoe**	**NY**
LAPP INSULATOR CO. INC. RADIO SPECIALITIES DIV., 2, Adv Pgs 340, 341	**31 Gilbert St. Le Roy**	**NY**
LIECO INC., 2, Adv Pg 398	**150 Eileen Way, Syosset**	**NY**
Limen, Inc., 1	P.O. Box 905, Joliet	Ill
Martin Co., 2	Mail No. G3037, Baltimore 3	Md
Maury & Associates, 1-2	10373 Mills Ave. Montclair	Cal
Metavac, Inc., 1-2	45-68 162 St. Flushing 58	NY
MICROLAB, 2, Adv Pg 356	**570 W Mt. Pleasant Ave. Livingston**	**NJ**
Microtech, Inc., 2	Milldale Rd. Cheshire	Conn
Microwave Associates, Inc., 2	Burlington	Mass
Microwave Components, Inc., 1-2	Doylestown	Pa
MICROWAVE CORP. OF AMERICA, 2, Adv Pg 462	**P.O. Box 270, Stamford**	**Conn**
Microwave Dynamics Corp., 2	5 Fairchild Ct. Plainview	NY
Multi-Amp Electronic Corp., 1	61 E Myrtle St. Cranford	NJ
Narda Microwave Corp., 1	Plainview	NY
Network Industries Inc., 1	210-216 Orient St. Bayonne	NJ
New London Instrument Co., 2	82 Union St. New London	Conn
OHMITE MFG. CO., 1-2, Adv Pgs 276, 277	**3601 Howard St. Skokie**	**Ill**
OMEGA LABORATORIES INC., 2, Adv Pg 226	**Box 309, Rowley**	**Mass**
Peer, Incorporated, 2	2624 Shelby St, Dallas 19	Tex
Phillips Electronics Mfg Co., 2	119 Allen Blvd. Farmingdale	NY
PORTCHESTER INSTRUMENT CORP., 2, Adv Pg 468	**114 Wilkins Ave. Port Chester**	**NY**
Portland Industries Corp., 1	South Portland	Me
R.L.C. Electronics, Inc., 1-2	405 Mamaroneck Ave. Mamaroneck	NY
RADAR MEASUREMENTS CORP., 1 Adv Pg 516	**190 Duffy Ave. Hicksville**	**NY**
Radiation at Stanford, 1	3180 Hanover St. Palo Alto	Cal
Radio Dev. & Research Corp., 1	100 Penna. Ave. Paterson 3	NJ
Radio Engineering Labs. Inc., 2	29-01 Borden Ave. Long Island City 1	NY
Ram Meter Inc., 1	1100 Hilton Rd. Ferndale, Detroit 20	Mich
Rantec Corp., 1	23999 Ventura Blvd. Calabasas	Cal
RIXON ELECTRONICS INC., 2, Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
ROHDE & SCHWARZ, USA INC., 1, Adv Pg 403	**Box 275, Passaic**	**NJ**
SIERRA ELECTRONIC CORP., 2 Adv Pgs 128, 129	**3885 Bohannon Dr. Menlo Park**	**Cal**
Sigma Electronics Research Corp., 2	1573? Aurora Blvd. Seattle 5	Wash
Sperry Microwave Electronics Co., 1-2	Box 1828, Clearwater	Fla
Standard Electronics Div Reeves Instrument Corp., 1-2	Linwood Rd. Farmingdale	NJ
Summit Electronics, Inc., 2	7 Industrial Pl, Summit	NJ
Taffet Electronics Inc., 2	2705 Bklyn-Qns Exp W, Woodside 77	NY
TECHNICAL MATERIEL CORP., 2, Adv Pg 346	**700 Fenimore Rd. Mamaroneck**	**NY**
TEFCO CORP., 2, Adv Pg 500	**28 Willett St. Port Chester**	**NY**
Telectro Industries Corp., 1-2	35-16 - 37th St. Long Island City 1	NY
TELERAD DIV. LIONEL CORP., 2, Adv Pgs 220, 221	**Rt 69, Flemington**	**NJ**
Topper Mfg Co. Inc., 1-2	84-56 Parsons Blvd. Jamaica 32	NY
Transco Products Inc., 2	12210 Nebraska Ave, L A 25	Cal
United Mfg. Co. Div. Maxson Electronics Corp., 1	41 Haig St. Hamden 14	Conn
United Products Co., 1-2	165 Franklin Ave. Nutley 10	NJ
United Shoe Machinery Corp., 2	140 Federal St. Boston	Mass
U. S. Dielectric Products, Inc., 2	98 Adams St. Leominster	Mass
Varian Associates, 1-2	611 Hansen Way, Palo Alto	Cal
Vac Line, Inc., 1-2	35 S. St. Clair St, Dayton 2	Ohio
Waltham Electronics Corp., 2	751 Main St. Waltham 54	Mass
WARD LEONARD ELECTRIC CO., 1-2, Adv Pgs 338, 339	**23 South St. Mt. Vernon**	**NY**
Washington Aluminum Co. Inc., 1-2	Pa RR & Knecht Ave. Baltimore 29	Md
Waveline, Inc., 1	P.O. Box 718, Caldwell	NJ
WEINSCHEL ENGINEERING CO., INC., 1-2 Adv Pg 51-54,55	**10503 Metropolitan Ave, Kensington**	**Md**
Westinghouse-Gen Purpose Controls Dept., 1	Buffalo	NY
WIND TURBINE CO., 2, Adv Pg 388	**E Market St. West Chester**	**Pa**
Winder Aircraft Corp., 1-2	Dunnellon Air Base, Dunnellon	Fla

LOADS -*MICROWAVE* See TERMINATIONS
LOCALIZERS - VHF See GENERATORS -*SIGNAL*

LOCATORS -*CABLE FAULT & LINE FAULT*

Airtronics International Corp	P.O. Box 8576, Fort Lauderdale	Fla
ASSOCIATED RESEARCH, INC., Adv Pg 218	**3788 W Belmont Ave. Chicago 18**	**Ill**
Canadian Research Institute	85 Curlew Dr. Don Mills	Ont
Di-Tran Corp	11307 Hindry Ave, Los Angeles 45	Cal
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
GRAY INSTRUMENT CO., Adv Pg 480	**448 Mill Rd. Andalusia**	**Pa**
Instrument Laboratories	315 W. Walton Pl, Chicago 10	Ill
Multi-Amp Electronic Corp	61 E Myrtle St. Cranford	NJ
OPAD ELECTRIC CO., Adv Pg 488	**43-5 Walker St. New York 13**	**NY**
Pearce-Simpson, Inc	2295 NW 14th St. Miami 35	Fla
Peschel Electronics, Inc	Rt 216, Towners, Patterson	NY
SIERRA ELECTRONIC CORP., Adv Pgs 128, 129	**3885 Bohannon Dr. Menlo Park**	**Cal**

LOCATORS -*PIPE & CABLE*

Canadian Research Institute	85 Curlew Dr. Don Mills	Ont
Computer-Measurements Co	12970 Bradley Ave. Sylmar	Cal
Instrument Laboratories	315 W. Walton Pl, Chicago 10	Ill

LOCKNUTS See NUTS

LOCKS -*DIAL*

BIRNBACH RADIO CO. INC., Adv Pg 529	**145 Hudson St. New York 13**	**NY**
BUD RADIO INC., Adv Pg 343	**2118 E 55th St. Cleveland 3**	**Ohio**
Jan Hardware Mfg. Co., Inc	38-01 Queens Blvd, Long Island City 1	NY
Millen Mfg. Co., James	150 Exchange St, Malden	Mass
P I C Design Corp. Sub. Benrus Watch Co	477 Atlantic Ave. E Rockaway	NY
Raytheon Co. Commer Appar & Sys Div	225 Crescent St. Waltham 54	Mass
Smith, Inc. Herman H.	2326 Nostrand Ave. Brooklyn 10	NY
Waldom Electronics Inc	4621 W 53rd St. Chicago 32	Ill

LOCKS -*SHAFT*

Accurate Electronics Corp	Box 935G, Elyria	Ohio
BIRNBACH RADIO CO. INC., Adv Pg 529	**145 Hudson St. New York 13**	**NY**
Jan Hardware Mfg. Co., Inc	38-01 Queens Blvd, Long Island City 1	NY
Millen Mfg. Co., James	150 Exchange St, Malden	Mass
P I C Design Corp. Sub. Benrus Watch Co	477 Atlantic Ave. E Rockway	NY
Raytheon Co. Ind Components Div	55 Chapel St. Newton 58	Mass
Smith, Inc. Herman H.	2326 Nostrand Ave. Brooklyn 10	NY
Vemaline Products Co	Box 1 - ED, Franklin Lakes	NJ
Waldom Electronics Inc	4621 W 53rd St. Chicago 32	Ill
Zoron Inc	612 W Lake St. Chicago 6	Ill

LOCKWASHERS See WASHERS
LOGARITHMIC AMPLIFIERS See AMPLIFIERS -*COMPUTER*
LOGIC MODULES See MODULES -*ACTIVE*
LOOP ANTENNAS See ANTENNAS -*RADIO RECEIVING*
LOOP-REGULATING CONTROLS See CONTROLS -*PHOTOELECTRIC*
LORAN RECEIVERS See RECEIVERS -*RADIO NAVIGATION*

LORAN SYSTEMS

Cosmic Inc	3226 Grace St. Washington	DC
Decitron Electronics Corp	850 Shephard Ave. Brooklyn 8	NY
POLARAD ELECTRONICS CORP Adv Pg 269-272	**43-20 34 St. Long Island City 1**	**NY**
Radio Corp. of America, Defense Electronic Prods.	Bldg. 15-2 Camden	NJ

LORAN TRANSMITTERS See TRANSMITTERS -*RADIO NAVIGATION*
LOUDHAILERS See MEGAPHONES -*ELECTRONIC*
LOUDSPEAKERS See SPEAKERS

LOUVERS -*CHASSIS VENTILATING*

BUD RADIO INC., Adv Pg 343	**2118 E 55th St. Cleveland 3**	**Ohio**
Dahlstrom Manufacturing Corp.	Jamestown	NY
Electronic Enclosures, Inc	3629 Holdrege Ave, Los Angeles 16	Cal
Eugene Engineering Co. Inc	1217 Hyde Park Ave. Hyde Park 36	Mass
Henry & Miller Industries, Inc	675 Garfield Ave, Jersey City 5	NJ
I. E. Manufacturing	3041 Carroll, Chicago 12	Ill

MIDGET LOUVER CO., Adv Pg 462	6-8 Wall St. Norwalk	Conn
Pearce Simpson, Inc	2295 NW 14th St, Miami 35	Fla
Washington Aluminum Co. Inc	Pa RR & Knecht Ave. Baltimore 29	Md
York Metal Products, Inc	190 Greenwich St, New York 13	NY
Zero Mfg. Co	1121 Chestnut St, Burbank 71	Cal

LOW-PASS FILTERS See FILTERS

LUBRICANTS See Also SILICONES

Acheson Colloids Co	1950 Washington Ave, Port Huron	Mich
Alpha Molykote Corp	65 Harvard Ave, Stamford	Conn
Cosmos Inc. Chemicals	173 Ridge St. Newark 4	NJ
Chemplast, Inc	3 Central Ave. East Newark	NJ
Dow Corning Corp	Midland	Mich
Electronic Chemical Corp	813 Communipaw Ave, Jersey City 4	NJ
Electrapets	P.O. Box 1137, Glendale	Cal
Esso Standard, Div of Humble Oil & Refining Co	15 W. 51 St, New York 19	NY
G-C Electronics Co	400 S Wyman St. Rockford	Ill
Huron Industries	P.O. Box 104, Port Huron	Mich
Magic Chemical Co	121 Crescent St. Brockton	Mass
Playtube Inc	541 S Webster Ave. Indianapolis 19	Ind
Precision Scientific Co	3737 W. Cortland, Chicago 47	Ill
Quaker Co	365 S. John St, Spartanburg	SC
Silicones Div., UCC	270 Park Ave, New York 17	NY

LUGS See TERMINALS
LUMINESCENT CHEMICALS See CHEMICALS -*LUMINESCENT*
LUMINOUS FINISHES See PAINTS -*LUMINOUS*
LUMINOUS MARKERS See MARKERS -*LUMINOUS*
LUNEBERG LENSES See LENSES -*MICROWAVE*
MACHINE SAFETY CONTROLS See CONTROLS -*CAPACITANCE-OPERATED*; CONTROLS -*PHOTOELECTRIC*

MACHINES -*ABRADING & POLISHING (CRYSTAL & FERRITE)*

Forndon Electric Co	Bethel	Conn
Geoscience Instrument, Inc	142 Maiden Lane, New York 38	NY
Hoffman Co., P.R.	Carlisle	Pa
Lear Inc	3171 S Bundy Dr. Santa Monica	Cal
Murray Way Corp	Box 180, Birmingham	Mich
Norton Co	1 New Bond St. Worcester 6	Mass
Rampe Mfg Co	14915 Woodworth Ave. Cleveland 10	Ohio

MACHINES -*ACCELERATION TEST*

Beecraft & Fuchs, Inc	Hatboro Ind Park, Hatboro	Pa
Fecker, J. W. Div. Amer. Optical Co	4709 Hamilton Ave. Pittsburgh 6	Pa
Genisco, Inc	2233 Federal Ave, Los Angeles 64	Cal
Gytel Corp	3001 Pennsylvania Ave. Santa Monica	Cal
Precision Scientific Co	3737 W. Cortland, Chicago 47	Ill

MACHINES -*ASSEMBLY*
1. MODULES 2. PRINTED CIRCUITS

Accuron Co., 2	107 S 3rd St. Tipp City	Ohio
Agent Electronics Corp., 1-2	25 Denton Ave, New Hyde Park	NY
Alcolux Corp., 2	150 Causeway St. Boston 14	Mass
Canadian Aviation Electronics Ltd., 1-2	Box 2030, Montreal 9	P.Q.
Central Shoe Machinery Corp., 2	Roberts Rd. Waltham 54	Mass
Cramer Controls Corp., 2	P.O. Box 13, Centerbrook	Conn
Design Tool Co. Div. Fed. Mfg. & Eng. Corp., 1-2	1055 Stewart Ave. Garden City	NY
Electro-Etch Circuits Inc., 2	7112 S Victoria Ave. Los Angeles 43	Cal
El-Tronics Inc., 2	23 S. 15th St, Philadelphia 2	Pa
Hill Machine Co., 2	1301 Eddy Ave, Rockford	Ill
Jones & Lamson Machine Co., 2	515-0 Clinton St, Springfield	Vt
LAMBERT CO. INC., 2, Adv Pg 650	**77 Sudbury St. Boston 14**	**Mass**
Lear Inc., 1-2	3171 S Bundy Dr. Santa Monica	Cal
Lenert Engineering Co. Inc., 2	1315 Western Ave, Plymouth	Ind
Melpar Inc., 2	3000 Arlington Blvd. Falls Church	Va
Metal Fabricators Corp., 1	63 Pond St. Waltham 54	Mass
PARAPLEGICS MFG CO. INC., 2 Adv Pg 476	**304 N York Rd. Bensenville**	**Ill**
PORTCHESTER INSTRUMENT CORP., 2, Adv Pg 468	**114 Wilkins Ave. Port Chester**	**NY**
RADIO CORP. OF AMERICA SEMICONDUCTOR & MATERIALS DIV., 1-2, Adv Pg Insert Preceding 3rd Cover, 3rd Cover	**Rt 202, Somerville**	**NJ**
Rimak Electronics Inc., 2	10925 Vanowen St. N Hollywood	Cal
Sheffield Corp. Sub Bendix Corp., 1	Box 893, Dayton 1	Ohio
Stoner & Yale Inc., 2	Green St. Marblehead	Mass
USI Robodyne Div., 2	12345 New Columbia Pike, Silver Spring	Md
Universal Instruments Corp., 2	139 E Frederick St. Binghamton	NY

MACHINES -*AUTOMATIC FEED, SMALL PARTS*

Accuron Co	107 S 3rd St. Tipp City	Ohio
BLACK & WEBSTER, INC., Adv Pg 485	**570 Pleasant St. Watertown**	**Mass**
Boesch Mfg. Div Waltham Prec Inst Co Inc	45 River St. Danbury	Conn
Burdeu Co	3429 Glendale Blvd. Los Angeles 39	Cal
Conforming Matrix Corp	811 New York Ave. Toledo 11	Ohio
Cramer Controls Corp	P.O. Box 13, Centerbrook	Conn
Design Tool Co. Div. Fed. Mfg. & Eng. Corp	1055 Stewart Ave. Garden City	NY
Designers for Industry	4241 Fulton Pkwy, Cleveland 9	Ohio
Everett Tap & Die Corp	213 E 144th St. New York 51	NY
FEDERAL TOOL ENGINEERING, INC., Adv Pg 533	**1386 Pompton Ave. Cedar Grove**	**NJ**
Hill Machine Co	1301 Eddy Ave, Rockford	Ill
KAHLE ENGINEERING CO Adv Pg 98	**3322 Hudson St, Union City**	**NJ**
Lenert Engineering Co., Inc	1313 Western Ave, Plymouth	Ind
Melpar Inc	3000 Arlington Blvd. Falls Church	Va
Milford Rivet & Machine Co	851 Bridgeport Ave, Milford	Conn
Minn-Honeywell, Military Prods Gr	2600 Ridgway Rd, Minneapolis 13	Minn
Rimak Electronics Inc	10925 Vanowen St. N Hollywood	Cal
Ross Co., Milton	219 Jacksonville Rd, Hatboro	Pa
Segil, Edward	172 Lafayette St, New York 13	NY
Semi-Alloys Inc	20 McQuesten Pkwy. N, Mt. Vernon	NY
Smith, Inc. Herman H.	2326 Nostrand Ave. Brooklyn 10	NY
Standard Tool & Mfg. Co	Arlington	NJ
Stimpson Co. Inc., Edwin B.	74 Franklin Ave. Brooklyn 5	NY
Tang Industries Inc	400 Main St. Waltham 54	Mass
Thomson Mfg. Co., Judson L.	22 Sawyer Rd, Waltham 54	Mass
Tubular Rivet & Stud Co	Weston Ave. Quincy 70	Mass
USI Robodyne Div	12345 New Columbia Pike, Silver Spring	Md
United Shoe Machinery Corp	140 Federal St. Boston	Mass
Universal Instruments Corp	139 E Frederick St. Binghamton	NY

MACHINES -*AUTOMATIC POSITIONING* See CONTROLS -*POSITIONING*

MACHINES -*BALANCING, DYNAMIC*

Annis Co., R.B.	1101 N. Delaware St, Indianapolis	Ind
Bart Labs & Design Inc	125 Manchester Pl, Newark 4	NJ
Cosa Corp	405 Lexington Ave, New York 17	NY
Dawe Instruments Ltd	Harlequin Ave., Brentford, Middx	Eng
Micro Balancing, Inc	101 Herricks Rd, Garden City Park	NY

MACHINES -*BENDING*

Bart Labs & Design Inc	125 Manchester Pl, Newark 4	NJ
Brisler Corp	4051 Harlan St, Oakland 8	Cal
Design Tool Co. Div. Fed. Mfg. & Eng. Corp	1055 Stewart Ave. Garden City	NY
Designers for Industry	4241 Fulton Pkwy. Cleveland 9	Ohio
Di-Acro Corp	503 8th Ave. Lake City	Minn
FEDERAL TOOL ENGINEERING, INC., Adv Pg 533	**1386 Pompton Ave. Cedar Grove**	**NJ**
Halm Instrument Co. Inc	Glen Head Rd. Glen Head	NY
Heller Industries Inc	77 S Munn Ave. East Orange	NJ
Henry & Miller Industries, Inc	675 Garfield Ave, Jersey City 5	NJ
KAHLE ENGINEERING CO Adv Pg 98	**3322 Hudson St, Union City**	**NJ**
Peck, Stow & Wilcox Co	217 Center St. Southington	Conn
Rotex Punch Co	2350 Alvarado St. San Leandro	Cal
Ryerson & Son Inc. J T	2558 W 16th St. Chicago 8	Ill
Smith, Inc. Herman H.	2326 Nostrand Ave. Brooklyn 10	NY
Stueck, Inc., W. Whitney	P.O Box 355EG, Old Saybrook	Conn
Whitney Metal Tool Co	726 Forbes St. Rockford	Ill

MACHINES -*BLUEPRINT* See MACHINES -*COPYING*

MACHINES -*CAPACITOR-MANUFACTURING*
1. ASSEMBLY 2. SORTING 3. WINDING

Accuron Co., 3	107 S 3rd St. Tipp City	Ohio
BARNES DEVELOPMENT CO., 2, Adv Pg 414	**213 W Baltimore Pike, Lansdowne**	**Pa**
Consolidated Controls Corp., 2	6 Durant Ave, Bethel	Conn
Design Tool Co. Div. Fed. Mfg. & Eng. Corp., 1-2-3	1055 Stewart Ave. Garden City	NY
Eder Engineering Co., 2	1981 S 1st St. Milwaukee 4	Wis
FEDERAL TOOL ENGINEERING, INC., 1, Adv Pg 533	**1386 Pompton Ave. Cedar Grove**	**NJ**
G. B. Components Inc., 3	14621 Arminta St. Van Nuys	Cal
Heinz-Mueller Engineering Co., Inc., 3	4725 Iowa St. Chicago 51	Ill
Hill Machine Co., 1	1301 Eddy Ave. Rockford	Ill
KAHLE ENGINEERING CO., 1 Adv Pg 98	**3322 Hudson St, Union City**	**NJ**
Minn-Honeywell, Military Prods Gr	2600 Ridgway Rd, Minneapolis 13	Minn
Russell Gasket Co., 1	7424 Bessemer Ave, Cleveland 27	Ohio
Stevens Mfg. Co., George, 3	6022 N. Rogers Ave, Chicago 46	Ill
Stengel Instrument Corp., 2	R. D. 1, Lake George	NY
Thomson Mfg. Co., Judson L., 1	22 Sawyer Rd, Waltham 54	Mass
Tubular Rivet & Stud Co., 1	Weston Ave, Quincy 70	Mass
USI Robodyne Div., 1-2	12345 New Columbia Pike, Silver Spring	Md
Universal Instruments Corp., 2	139 E Frederick St. Binghamton	NY
Wellington Electronics Inc., 3	65 Honeck St. Englewood	NJ

MACHINES -*CLEANING* See Also ULTRASONIC EQUIPMENT

Branson Instruments Inc	37 Brown House Rd. Stamford	Conn
Circo Corp	51 Terminal Ave. Clark	NJ
Cobehn, Inc	226 Passaic Ave, Caldwell	NJ
Detrex Chemical Industries, Inc	P.O. Box 501, Detroit 32	Mich
DeVilbiss Co	300 Phillips Ave, Toledo 1	Ohio
Industrial Systems Co	32 Main St, Metuchen	NJ
KAHLE ENGINEERING CO Adv Pg 98	**3322 Hudson St, Union City**	**NJ**
ULTRASONIC INDUSTRIES INC., Adv Pg 417	**Ames Ct. Plainview**	**NY**
Wheelabrator Corp	1465 S Byrkit St. Mishawaka	Ind

MACHINES -*COIL-WINDING*
1. LATHE-TYPE 2. TOROID-TYPE 3. WOUND FOIL

A R & D A, 1	135 Main St, Belleville 9	NJ
Accuron Co., 1-3	107 S 3rd St. Tipp City	Ohio
ARNOLD MAGNETICS CORP., 2, Adv Pg 48	**6050 W Jefferson, Los Angeles 16**	**Cal**
Associated American Winding Machinery Inc., 1-2	754 St. Ann's Ave, New York 56	NY
Associated Engineering & Mfg Corp., 1	Glen Ridge	NJ
CF Electronics Corp., 2	15000 Central E., Albuquerque	NM
COIL WINDING EQUIPMENT CO., 1-2, Adv Pg 475	**Railroad Plaza, Oyster Bay**	**NY**
Controlomag Labs., 2	2450 Susquehanna, Roslyn	Pa
Crown Tool, Inc., 1	Hwy 15, Wabash	Ind
ELECTRO DEVICES INC., 2, Adv Pg 486	**580 Main St. Wilmington**	**Mass**
Electromatic Equipment Co., 1	175 Remsen Ave, Brooklyn 12	NY
G. B. Components Inc., 1	14621 Arminta St. Van Nuys	Cal
GORMAN MACHINE CORP., 2, Adv Pg 556	**480 S Main St. Randolph**	**Mass**
Guidance Controls Corp., 1-2	110 Duffy Ave, Hicksville	NY
Gulton Industries, Inc., 2	212 Durham Ave, Metuchen	NJ
Halm Instrument Co., Inc., 1	Glen Head Rd, Glen Head	NY
Hamilton Standard Div. United Aircraft Corp., 2	Broad Brook	Conn
Harder Co., Donald C., 2	2580 K St, San Diego	Cal
Heinz-Mueller Eng Co. Inc., 1	4725 Iowa St. Chicago 51	Ill
HIRSCHMANN CO. INC., CARL, 1-2, Adv Pg 416	**30a Park Ave. Manhasset**	**NY**
INDUSTRIAL WINDING MACHINERY CORP., 1-2-3, Adv Pg 561	**Box 744, Church St. Sta. New York 8**	**NY**
KAHLE ENGINEERING CO., 1 Adv Pg 98	**3322 Hudson St, Union City**	**NJ**
Leesona Corp., 1	Box 5088, Providence 4	RI
Lumen, Inc., 2	P.O. Box 551, Joliet	Ill
Mason, Stever & Rhoads, Inc., 1	P.O. Box 551, Pekin	Pa
MICO INSTRUMENT CO., 2, Adv Pg 514	**77 Trowbridge St. Cambridge 38**	**Mass**
Rea Magnet Wire Co. Inc., 1-3	3610 E Pontiac St. Fort Wayne	Ind
Research Industrial Labs. of Electronics, 2	Roslyn	Pa
Rex Rheostat Co., 2	149 Babylon Tpk, Roosevelt	NY
Rimak Electronics Inc., 2	10925 Vanowen St. N Hollywood	Cal
Spectrol Electronics Corp., 1	1704 S Del Mar, San Gabriel	Cal
Stevens Mfg. Co., George, 1	6022 N. Rogers Ave, Chicago 46	Ill
Universal Mfg. Co., Inc., 2	1168 Grove St, Irvington 11	NJ

MACHINES -*COMPONENT PACKAGING*

Design Tool Co. Div. Fed. Mfg. & Eng. Corp	1055 Stewart Ave, Garden City	NY
Ross Co., Milton	219 Jacksonville Rd, Hatboro	Pa
Universal Instruments Corp	139 E Frederick St. Binghamton	NY

MACHINES -*COPYING*
1. BLUEPRINT 2. PHOTOCOPY 3. WHITEPRINT

Apeco, American Photocopy Equipment Co., 2	2100 W. Dempster, Evanston	Ill
Bruning Co. Inc., Charles, 1-3	1800 Central Rd. Mt. Prospect	Ill
BURKE & JAMES INC., 3, Adv Pg 553	**321 S Wabash Ave. Chicago 4**	**Ill**
CETRON ELECTRONICS CORP., 1, Adv Pg 379	**715 Hamilton, Geneva**	**Ill**
Copymation, Inc., 1-2-3	5650 N. Western, Chicago 18	Ill
Dietzgen Co., Eugene, 1-2-3	2425 N Sheffield Ave, Chicago 14	Ill
Eastman Kodak Co., 2	343 State St, Rochester 4	NY
Emmco Plastics Corp., 1	61 Vine St. Everett	Mass
MASTER ETCHING MACHINE CO., 1-2-3, Adv Pgs 527, 528	**127 Greenwood Ave. Wyncote**	**Pa**
Ozalid Div. General Aniline & Film Corp., 2-3	Ozalid Rd. Johnson City	NY
Paragon-Revolute Div., Chas. Bruning Co., 1-3	77 South Ave. Rochester 4	NY
Peerless Photo Products, Inc. 2	Rt 25A, Shoreham	NY
Photostat Corp., 2	1001 Jefferson, Rochester	NY
Post Co., Frederick, 2-3	3650 N Avondale Ave. Chicago 18	Ill
Rotolite Sales Corp., 3	344 Essex St. Stirling	NJ
Weil & Co., J.H., 1-2-3	1334 Cherry St, Philadelphia 7	Pa

MACHINES -*COUNTING* See COUNTERS -*PHOTOELECTRIC*

MACHINES -*CRYSTAL-CUTTING*

Bay State Abrasive Products Co	12 Union St, Westboro	Mass
Eisler Engineering Co., Inc	751 S. 13 St, Newark 3	NJ
Hoffman Co., P.R.	Carlisle	Pa
KAHLE ENGINEERING CO Adv Pg 98	**3322 Hudson St, Union City**	**NJ**
Lear Inc	3171 S Bundy Dr. Santa Monica	Cal
Micromech Mfg Corp	695 Rahway Ave. Union	NJ
Nichols Co., W.H.	Waltham 54	Mass
Norton Co	1 New Bond St. Worcester 6	Mass

MACHINES -*CRYSTAL FINISHING*

Geoscience Instrument, Inc.	142 Maiden Lane, New York 38	NY
Hoffman Co., P.R.	Carlisle	Pa
Lear Inc	3171 S Bundy Dr. Santa Monica	Cal
MRC Mfg. Corp., 1-2-3	47 Buena Vista Ave. Yonkers	NY
Norton Co	1 New Bond St. Worcester 6	Mass

MACHINES -*CRYSTAL GROWING*
1. ELECTRON BEAM 2. HORIZONTAL 3. VERTICAL

KAHLE ENGINEERING CO., 2-3 Adv Pg 98	**3322 Hudson St. Union City**	**NJ**
Lear Inc., 3	3171 S Bundy Dr. Santa Monica	Cal
LEPEL HIGH FREQUENCY LABS. INC., 2-3, Adv Pg 410	**54-18 37th Ave. Woodside 77**	**NY**
NRC Equipment Corp., 1	160 Charlemont St. Newton 61	Mass
SOLID STATE MATERIALS CORP., 2-3 Adv Pg 500	**5 Erie Dr. East Natick**	**Mass**
Tang Industries Inc., 1-2-3	400 Main St. Waltham 54	Mass
Vacuum Specialties Co., 2-3	34 Linden St. Somerville	Mass

MACHINES -*CRYSTAL SORTING & SIZING*

Consolidated Controls Corp	6 Durant Ave. Bethel	Conn
HIRSCHMANN CO. INC. CARL, Adv Pg 416	**30a Park Ave. Manhasset**	**NY**
Sheffield Corp., Sub Bendix Corp	Box 893, Dayton 1	Ohio
Tang Industries Inc	400 Main St. Waltham 54	Mass
USI Robodyne Div	12345 New Columbia Pike, Silver Spring	Md

MACHINES -*DEGREASING, VAPOR*

Branson Instruments Inc	37 Brown House Rd. Stamford	Conn
Industrial Systems Co	32 Main St, Metuchen	NJ
Turbo Machine Co	840 N Main St. Lansdale	Pa

MACHINES -*DICTATING*
1. EMBOSSED OR CUT GROOVES, ELECTRONIC 2. MAGNETIC

Dage Div Thompson Ramo Wooldridge, Inc., 2	Michigan City	Ind
Gray Mfg. Co., The, 1	Dept 67, 16 Arbor St, Hartford 1	Conn
Hausser & Son, C A., 1	6090 Belfield Ave, Philadelphia 44	Pa
Mohicord Corp. of America, 2	1913 Atlantic Ave. Atlantic City	NJ
Peirce Dictation Systems, 2	5900 Northwest Hwy, Chicago 31	Ill
Telectro Industries Corp., 2	35-16 - 37th St. Long Island City 1	NY

MACHINES -*DIODE & TRANSISTOR MANUFACTURING*

Accuron Co	107 S 3rd St. Tipp City	Ohio
Associated Engineering & Mfg. Corp	Glen Ridge	NJ
BARNES DEVELOPMENT CO., Adv Pg 414	**213 W Baltimore Pike, Lansdowne**	**Pa**
Design Tool Co. Div. Fed. Mfg. & Eng. Corp	1055 Stewart Ave. Garden City	NY
Eisler Engineering Co., Inc	751 S. 13 St, Newark 3	NJ
KAHLE ENGINEERING CO Adv Pg 98	**3322 Hudson St, Union City**	**NJ**
Texas Instruments Incorporated, Apparatus Div. Ind Prods Gr	3609 Buffalo Spdwy, Houston 6	Tex
USI Robodyne Div	12345 New Columbia Pike, Silver Spring	Md
Universal Instruments Corp	139 E Frederick St. Binghamton	NY

MACHINES -*DIP SOLDERING*

Accuron Co	107 S 3rd St. Tipp City	Ohio
Barrett Co., Leon J	1776 Grafton Rd, Worcester 1	Mass
Design Tool Co. Div. Fed. Mfg. & Eng. Corp.	1055 Stewart Ave. Garden City	NY
ETCHOMATIC INC., Adv Pg 520	**182 Newton St. Waltham 54**	**Mass**
KAHLE ENGINEERING CO Adv Pg 98	**3322 Hudson St. Union City**	**NJ**
USI Robodyne Div	12345 New Columbia Pike, Silver Spring	Md

MACHINES -*DISK-RECORDING* See RECORDERS -*DISK*
MACHINES -*DRILLING, ULTRASONIC* See ULTRASONIC EQUIPMENT

MACHINES -*DRILL PRESSES, PRECISION*

Atchley Div., Raymond	2339 Cotner Ave. Los Angeles 64	Cal
Design Tool Co. Div. Fed. Mfg. & Eng. Corp	1055 Stewart Ave. Garden City	NY
ETCHOMATIC INC., Adv Pg 520	**182 Newton St. Waltham 54**	**Mass**
Hill Machine Co	1301 Eddy Ave, Rockford	Ill
Levin & Son, Inc., Louis	3573 Hayden Ave. Culver City	Cal
MICO INSTRUMENT CO., Adv Pg 514	**77 Trowbridge St. Cambridge 38**	**Mass**
Millen Engineering Co., Inc	1831 Pontius Ave, Los Angeles 25	Cal
RAYTHEON CO. COMMER APPAR & SYSTEMS DIV., Adv Pg 41	**225 Crescent St. Waltham 54**	**Mass**

Ryerson & Son Inc. J T — 2558 W 16th St. Chicago 8 — Ill
WALES STRIPPIT INC. UNIT HOUDAILLE IND. INC., Adv Pg 50 — **Akron** — **NY**

MACHINES – *ELECTRON BEAM METAL WORKING (CUTTING, SHAPING, WELDING)*
Air Reduction Sales Co — 150 E 42 St. New York — NY
High Vacuum Eqpt. Corp. Sub. Robinson Tech. Prods Inc — 2 Churchill Rd. Hingham — Mass
Sciaky Bros. Inc — 4915 W 67 St. Chicago 38 — Ill
Ulmer Co., H. W. — 2941 San Luis Rey Rd. Oceanside — Cal
Ultra-Motive Co — 7460 Girard Ave. La Jolla — Cal

MACHINES – *ENCAPSULATING*
Armstrong Resins Inc — Box 1-EB, Warsaw — Ind
Hinchman Mfg. Co. Inc — 259 1st Ave. E, Roselle — NJ
Hull Corp — Davisville Rd, Hatboro — Pa
KAHLE ENGINEERING CO Adv Pg 98 — **3322 Hudson St, Union City** — **NJ**
Red Point Corp — 105 W. Spazier Ave, Burbank — Cal
Ross Co., Milton — 239 Jacksonville Rd, Hatboro — Pa

MACHINES – *ENGRAVING & PROFILING*
All American Tool & Mfg. Co. — 8027 Lawndale, Skokie — Ill
Besler Corp — 4053 Harlan St, Oakland 8 — Cal
Cosa Corp — 405 Lexington Ave, New York 17 — NY
GREEN INSTRUMENT CO., Adv Pg 411 — **295 Vassar St. Dept. 63A, Cambridge 39** — **Mass**
Hausser & Son, C.A. — 6040 Belfield Ave, Philadelphia 44 — Pa
Hermes Plastics, Inc — 154 W. 14th St, New York 11 — NY
Johnson & Bassett, Inc — 114 Foster St, Worcester — Mass
MICO INSTRUMENT CO., Adv Pg 514 — **77 Trowbridge St. Cambridge 38** — **Mass**
NEW HERMES ENGRAVING MACHINE CO Adv Pg 356 — **154 W. 14th St, New York 11** — **NY**
Optical Gaging Products, Inc — 26 Forbes St, Rochester 11 — NY
Preis Engraving Machine Co., H.P. — 651 U.S. Hwy 22, Hillside — NJ

MACHINES – *EYELET-INSTALLING*
Design Tool Co. Div. Fed. Mfg. & Eng. Corp — 1055 Stewart Ave. Garden City — NY
ETCHOMATIC INC., Adv Pg 520 — **182 Newton St. Waltham 54** — **Mass**
EYELET TOOL CO., Adv Pg 459 — **31 Carleton St. Cambridge** — **Mass**
Kenco Mfg. Co — 5211 Telegraph Rd, Los Angeles 22 — Cal
Segal, Edward — 132 Lafayette St, New York 13 — NY
Tubular Rivet & Stud Co — Weston Ave, Quincy 70 — Mass
USI Robodyne Div — 12345 New Columbia Pike, Silver Spring — Md

MACHINES – *FORMING*
Design Tool Co. Div. Fed. Mfg. & Eng. Corp — 1055 Stewart Ave. Garden City — NY
Di-Acro Corp — 533 8th Ave. Lake City — Minn
Eisler Engineering Co., Inc — 751 S. 13 St, Newark 3 — NJ
H-P-M Div. Koehring Co — Marion Rd. Mt Gilead — Ohio
Heller Industries Inc — 70 S Munn Ave. East Orange — NJ
KAHLE ENGINEERING CO Adv Pg 98 — **3322 Hudson St, Union City** — **NJ**
Lenort Engineering Co., Inc — 1313 Western Ave, Plymouth — Ind
Peck, Stow & Wilcox Co — 217 Center St. Southington — Conn
Ryerson & Son Inc. J T — 2558 W 16th St. Chicago 8 — Ill
STOKES CORP., F. J., Adv. Pgs. 249-252 — **5500 Tabor Rd. Phila 20** — **Pa**
Whitney Metal Tool Co — 726 Forbes St. Rockford — Ill

MACHINES – *GLASS BLOWING*
Associated Engineering & Mfg. Corp — Glen Ridge — NJ
Eisler Engineering Co., Inc — 751 S. 13 St, Newark 3 — NJ
KAHLE ENGINEERING CO Adv Pg 98 — **3322 Hudson St, Union City** — **NJ**

MACHINES – *GLASS WORKING*
Associated Engineering & Mfg. Corp — Glen Ridge — NJ
Eisler Engineering Co., Inc — 751 S. 13 St, Newark 3 — NJ
KAHLE ENGINEERING CO Adv Pg 98 — **3322 Hudson St, Union City** — **NJ**
Litton Engineering Labs — P.O. Box 949, Grass Valley — Cal
Standard Tool & Mfg. Co — Arlington — NJ
STOKES CORP., F. J., Adv. Pgs. 249-252 — **5500 Tabor Rd. Phila 20** — **Pa**
Ulmer Co., H. W. — 2941 San Luis Rey Rd. Oceanside — Cal

MACHINES – *GRID-WINDING*
Associated Engineering & Mfg Corp — Glen Ridge — NJ
Eisler Engineering Co. Inc — 751 S 13 St. Newark 3 — NJ
KAHLE ENGINEERING CO Adv Pg 98 — **3322 Hudson St. Union City** — **NJ**

MACHINES – *HERMETIC-SEALING*
Eisler Engineering Co., Inc — 751 S. 13 St, Newark 3 — NJ
KAHLE ENGINEERING CO Adv Pg 98 — **3322 Hudson St, Union City** — **NJ**
Reeve Electronics, Inc — 609 W Lake St, Chicago 6 — Ill

MACHINES – *HOT-STAMPING*
Ackerman-Gould Co., Inc — 10 Neil Ct, Oceanside — NY
Acromark Co., The — 323 Morrell St, Elizabeth 4 — NJ
Apex Machine Co — 14-15 118th St, College Point — NY
Eisler Engineering Co. Inc — 751 S 13 St, Newark 3 — NJ
H-P-M Div. Koehring Co — Marion Rd. Mt Gilead — Ohio
Kingsley Machine Co — 850 Cahuenga Blvd EB, Hollywood 38 — Cal
MARKEM MACHINE CO Adv Pg 248 — **150 Congress St, Keene** — **NH**
Matthews & Co., James H. — 3821 Forbes Ave, Pittsburgh 13 — Pa
Noble & Westbrook Mfg. Co — 27 Westbrook St. East Hartford 8 — Conn
Swift & Sons Inc. M. — 10 Love Lane, Hartford 1 — Conn

MACHINES – *IMPREGNATING*
1. CENTRIFUGAL 2. VACUUM
Barrett Co., Leon J., 1 — 1776 Grafton Rd, Worcester 1 — Mass
BETHLEHEM FOUNDRY & MACHINE CO., 2 Adv Pg 532 — **225 W 2nd St. Bethlehem** — **Pa**
Bon-De Electronic Labs. Inc., 2 — 361-363 Rantoul St. Beverly — Mass
Controlled Atmosphere Enclosures Mfg Co., 2 — 1061 E 8th St. Jacksonville 6 — Fla
Engineering Science Div Amer Metal Pdts Co., 2 — 2601 S State St. Ann Arbor — Mich
General Vacuum Corp., 2 — 81 Hicks Ave. Medford 55 — Mass
High Vacuum Equipment Corp., Sub, Robinson Technical Products, Inc., 2 — 2 Churchill Rd, Hingham 1 — Mass
Hull Corp., 2 — Davisville Rd, Hatboro — Pa
International Pump & Machine Works, 2 — 81 Dorsa Ave, Livingston — NJ
Precision Metal Products Co. of Malden, 2 — 41 Elm St. Stoneham 80 — Mass
Red Point Corp., 2 — 105 W. Spazier Ave, Burbank — Cal

STOKES CORP., F. J., 2, Adv. Pgs. 249-252 — **5500 Tabor Rd. Phila 20** — **Pa**
Temperature Engineering Corp., 2 — 1500 Tempcor Blvd. Riverton — NJ
VACTRONIC LAB. EQUIPMENT, INC., 2 Adv Pg 560 — **21 Monmouth Ct. East Northport** — **NY**
Vacuum Specialties Co., 2 — 34 Linden St, Somerville — Mass

MACHINES – *LAMINATION-STACKING*
Accuron Co — 107 S 3rd St. Tipp City — Ohio
USI Robodyne Div — 12345 New Columbia Pike, Silver Spring — Md

MACHINES – *LEAD-CUTTING & FORMING*
Bruno-New York Industries Corp — 460 W. 34 St, New York 1 — NY
Design Tool Co. Div. Fed. Mfg. & Eng. Corp — 1055 Stewart Ave. Garden City — NY
Develop-Amatic Engineering — 923 Industrial Ave. Palo Alto — Cal
FEDERAL TOOL ENGINEERING, INC., Adv Pg 533 — **1386 Pompton Ave. Cedar Grove** — **NJ**
Heller Industries Inc — 70 S Munn Ave. East Orange — NJ
KAHLE ENGINEERING CO Adv Pg 98 — **3322 Hudson St, Union City** — **NJ**
STAFFORD MFG. CO. INC., Adv Pg 124 — **145 58th St. Brooklyn 20** — **NY**
Technical Devices Co — 11242 Playa Ct, Culver City — Cal
USI Robodyne Div — 12345 New Columbia Pike, Silver Spring — Md
United Shoe Machinery Corp — 140 Federal St. Boston — Mass
Universal Instruments Corp — 139 E Frederick St. Binghamton — NY

MACHINES – *MARKING & NUMBERING*
Ackerman-Gould Co., Inc — 10 Neil Ct, Oceanside — NY
Acromark Co., The — 323 Morrell St, Elizabeth 4 — NJ
Apex Machine Co — 14-15 118th St, College Point — NY
Barta-Griffin Co — 72 Commercial St. Worcester 1 — Mass
BLACK & WEBSTER, INC., Adv Pg 485 — **570 Pleasant St. Watertown** — **Mass**
Data Equipment Co — 923 E. 3rd St, Los Angeles 13 — Cal
Federal Stamp Co — 19 High St. Boston 10 — Mass
Foredom Electric Co — Bethel — Conn
GILLIES CO. INC., DUNCAN M., Adv Pg 506 — **66 Central St. West Boylston** — **Mass**
INTERNATIONAL EASTERN CORP., Adv Pg 522 — **801 6th Ave. New York 1** — **NY**
Kenco Mfg. Co — 5211 Telegraph Rd, Los Angeles 22 — Cal
Kingsley Machine Co — 850 Cahuenga Blvd EB, Hollywood 38 — Cal
Krengel Mfg. Co., Inc — 227 Fulton St, New York 7 — NY
MARKEM MACHINE CO Adv Pg 248 — **150 Congress St, Keene** — **NH**
MARKWIK SALES CORP., Adv Pg 532 — **31 Saxton Rd. Plainview** — **NY**
Matthews & Co., James H. — 3821 Forbes Ave, Pittsburgh 13 — Pa
Noble & Westbrook Mfg. Co — 27 Westbrook St, East Hartford 8 — Conn
Numberall Stamp & Tool Co — Huguenot Park, Staten Island 12 — NY
Popper & Sons, Inc — 300 Park Ave S., New York 10 — NY
Preis Engraving Machine Co., H.P. — 651 U.S. Hwy 22, Hillside — NJ
STAFFORD MFG. CO. INC., Adv Pg 124 — **145 58th St. Brooklyn 20** — **NY**
USI Robodyne Div — 12345 New Columbia Pike, Silver Spring — Md

MACHINES – *MEMORY-CORE HANDLING*
Boesch Mfg. Div Waltham Prec Inst Co Inc — 45 River St. Danbury — Conn
Data Equipment Co — 923 E. 3rd St, Los Angeles 13 — Cal
Microtron Inc. Pyrocircuits Div — 6 Manhasset Ave. Port Washington — NY
STOKES CORP., F. J., Adv. Pgs. 249-252 — **5500 Tabor Rd. Phila 20** — **Pa**

MACHINES – *METAL-FORMING PRESSES*
Besler Corp — 4053 Harlan St, Oakland 8 — Cal
BLACK & WEBSTER, INC., Adv Pg 485 — **570 Pleasant St. Watertown 72** — **Mass**
Di-Acro Corp — 533 8th Ave. Lake City — Minn
H-P-M Div. Koehring Co — Marion Rd. Mt Gilead — Ohio
Heller Industries Inc — 70 S Munn Ave. East Orange — NJ
J. & G. Machine Co., Inc — 42 Lagrange St, Worcester — Mass
Kenco Mfg. Co — 5211 Telegraph Rd, Los Angeles 22 — Cal
Ryerson & Son Inc. J T — 2558 W 16th St. Chicago 8 — Ill
STOKES CORP., F. J., Adv. Pgs. 249-252 — **5500 Tabor Rd. Phila 20** — **Pa**
Stueck, Inc., W. Whitney — P.O. Box 355EG, Old Saybrook — Conn
USI Robodyne Div — 12345 New Columbia Pike, Silver Spring — Md
Whitney Metal Tool Co — 726 Forbes St. Rockford — Ill

MACHINES – *METALLIZING*
1. MOLTEN SPRAY 2. VACUUM 3. VACUUM, ELECTRON BOMBARDMENT
Bendix Corp. Cincinnati Div., 2 — 3130 Wasson Rd. Cincinnati 8 — Ohio
Bon-De Electronic Labs. Inc., 2-3 — 361-363 Rantoul St. Beverly — Mass
Cerro Sales Corp., 1 — 300 Park Ave. New York 22 — NY
Cosmic Technological Inc., 3 — 1028 Connecticut Ave. Washington 6 — DC
Elettronica Metal Lux S.p.A., 2 — Viale Sarca 94, Milan — Italy
General Vacuum Corp., 2-3 — 81 Hicks Ave. Medford 55 — Mass
Green Rubber Co., 2-3 — 1-10 30th St, Fair Lawn — NJ
HAYES, INC., C. I., 2, Adv Pg 236 — **875 Wellington Ave. Cranston 10** — **RI**
Hull Corp., 2 — Davisville Rd, Hatboro — Pa
International Pump & Machine Works, 2 — 81 Dorsa Ave, Livingston — NJ
KAHLE ENGINEERING CO., 2 Adv Pg 98 — **3322 Hudson St, Union City** — **NJ**
Lear Inc., 2-3 — 3171 S Bundy Dr. Santa Monica — Cal
LEPEL HIGH FREQUENCY LABS. INC., 3, Adv Pg 410 — **54-18 37th Ave. Woodside 77** — **NY**
MRC Mfg. Corp., 3 — 47 Buena Vista Ave. Yonkers — NY
NRC Equipment Corp., 2 — 160 Charlemont St. Newton 61 — Mass
Red Point Corp., 2 — 105 W Spazier Ave. Burbank — Cal
Scientific Engineering Laboratories, 2-3 — 1510 Sixth St. Berkeley 10 — Cal
STOKES CORP., F. J., 2, Adv. Pgs. 249-252 — **5500 Tabor Rd. Phila 20** — **Pa**
Temperature Engineering Corp., 2-3 — 1500 Tempcor Blvd. Riverton — NJ
Ulmer Co., H. W., 2-3 — 2941 San Luis Rey Rd. Oceanside — Cal
VACTRONIC LAB. EQUIPMENT, INC., 2 Adv Pg 560 — **21 Monmouth Ct. East Northport** — **NY**
Vacuum - Electronics Corp., 2 — Terminal Dr. Plainview — NY
Vacuum Specialties Co., 2 — 34 Linden St. Somerville — Mass
Vacuum Technology Inc., 2 — 7933 Gloria Ave. Van Nuys — Cal

MACHINES – *METAL PUNCH PRESSES*
Acromark Co., The — 323 Morrell St, Elizabeth 4 — NJ
Besler Corp — 4053 Harlan St, Oakland 8 — Cal
Di-Acro Corp — 533 8th Ave. Lake City — Minn
J. & G. Machine Co., Inc — 42 Lagrange St, Worcester — Mass
Rotex Punch Co. — 2350 Alvarado St, San Leandro — Cal
Ryerson & Son Inc. J T — 2558 W 16th St. Chicago 8 — Ill

WALES STRIPPIT INC. UNIT HOUDAILLE IND. INC., Adv Pg 50 — **Akron** — **NY**
Whitney Metal Tool Co — 726 Forbes St. Rockford — Ill

MACHINES – *PLASTICS MOLDING*
Eisler Engineering Co., Inc — 751 S. 13 St, Newark 3 — NJ
H-P-M Div. Koehring Co — Marion Rd. Mt Gilead — Ohio
Hinchman Mfg. Co. Inc — 259 1st Ave. E. Roselle — NJ
Hull Corp — Davisville Rd, Hatboro — Pa
Newbury Industries, Inc — Box B, Newbury — Ohio
Ross Co., Milton — 239 Jacksonville Rd. Hatboro — Pa
STOKES CORP., F. J., Adv. Pgs. 249-252 — **5500 Tabor Rd. Phila 20** — **Pa**
United Fabricators Electronics, Inc — Stillwater — Minn
Warren Components Div., El-Tronics — S. Irvine St, Warren — Pa
Woodland Electronics Co. Inc — 503 McCarter Hwy. Newark 2 — NJ

MACHINES – *PLATING*
Allied Engineering & Production Corp — 2421 Blanding Ave. Alameda — Cal
Bart Labs & Design Inc — 125 Manchester Pl, Newark 4 — NJ
Isotronics Inc — Rte 46, Lodi — NJ
Meaker Co — 75 River Rd. Nutley 10 — NJ
STOKES CORP., F. J., Adv. Pgs. 249-252 — **5500 Tabor Rd. Phila 20** — **Pa**
Technic Inc — Box 965, Providence 1 — RI
Ultra-Motive Co — 7460 Girard Ave. La Jolla — Cal

MACHINES – *PRINTED-CIRCUIT PRODUCTION*
1. CLEANING EQUIPMENT
2. COMPONENT-INSERTING EQUIPMENT
3. DRILLING EQUIPMENT
4. ETCHING EQUIPMENT
5. PRINTER, PHOTOGRAPHIC
6. PRINTERS, SILK SCREEN
7. PUNCHING EQUIPMENT

COPYING CAMERAS See CAMERAS: PHOTOGRAPHIC: DIP-SOLDERING See MACHINES – *DIP-SOLDERING*: EYELET-INSERTING EQUIPMENT See MACHINES – *EYELET-INSTALLING*: TERMINAL INSTALLING EQUIPMENT See MACHINES – *TERMINAL INSTALLING*: TESTING EQUIPMENT See TESTERS – *PRINTED CIRCUIT ASSEMBLIES*

Accuron Co., 2 — 107 S 3rd St. Tipp City — Ohio
Advance Process Supply Co., 6 — 2315 W Huron St. Chicago 12 — Ill
Blackstone Corp., 1 — 1111 Allen St, Jamestown — NY
BLACK & WEBSTER, INC., 7, Adv Pg 485 — **570 Pleasant St. Watertown 72** — **Mass**
Centre Circuits, Inc., 4-5 — Box 165, 1101 N Atherton St. State College — Pa
Compo Shoe Machinery Corp., 1-3-4 — Roberts Rd. Waltham 54 — Mass
Crane Controls Corp., 2 — P.O. Box 13, Cornbrook — Conn
CURTISS-WRIGHT CORP. PRINCETON DIV., 1, Adv Pgs. 382, 426, 494 — **Princeton** — **NJ**
Design Tool Co. Div. Fed. Mfg. & Eng. Corp., 2-3 — 1055 Stewart Ave. Garden City — NY
Detrex Chemical Industries, Inc., 1 — P.O. Box 501, Detroit 32 — Mich
Develop-Amatic Engineering — 923 Industrial Ave. Palo Alto — Cal
Di-Acro Corp., 7 — 533 8th Ave. Lake City — Minn
Dry Screen Process, Inc., 6 — 1016 Madison Ave. Pittsburgh 12 — Pa
ELECTRALAB PRINTED ELECTRONICS CORP., 4-5, Adv Pg 459 — **173 A St. Needham Hgts. 94** — **Mass**
Emmco Plastics Corp., 2-3-6-7 — 68 Vine St. Everett — Mass
ETCHOMATIC INC., 1-3-4-5-6, Adv Pg 520 — **182 Newton St. Waltham 54** — **Mass**
EYELET TOOL CO., 2, Adv Pg 459 — **31 Carleton St. Cambridge** — **Mass**
Foredom Electric Co., 1-3-4 — Bethel — Conn
General Research Inc., 6 — 572 S Division Ave. Grand Rapids 3 — Mich
Gordon Enterprises, 5 — 5362 N Cahuenga Blvd. N Hollywood — Cal
GREEN INSTRUMENT CO., 3, Adv Pg 411 — **295 Vassar St. Dept. 63A, Cambridge 39** — **Mass**
GREENE ELECTRONICS INC., 6, Adv Pg 432 — **1840 Cranston St. Cranston 9** — **RI**
Gulton Industries, Inc., 1-3 — 212 Durham Ave. Metuchen — NJ
Hill Machine Co., 2 — 1301 Eddy Ave, Rockford — Ill
Hillyer Corp., 3 — 244 Sheffield St. Mountainside — NJ
Industrial Systems Co., 1 — 32 Main St. Matawan — NJ
Johnson & Bassett Inc., 3 — 114 Foster St. Worcester — Mass
Jones & Lamson Machine Co., 3 — 539-D Clinton St. Springfield — Vt
Kenn Equipment Co., 6 — 16-18 S. Marshall St, Philadelphia 6 — Pa
Krengel Mfg. Co., Inc., 7 — 227 Fulton St, New York 7 — NY
LAMBERT CO. INC., 6, Adv Pg 558 — **77 Sudbury St. Boston 14** — **Mass**
Lear Inc., 4-5-6 — 3171 S Bundy Dr. Santa Monica — Cal
MARKEM MACHINE CO., 6 Adv Pg 248 — **150 Congress St. Keene** — **NH**
MASTER ETCHING MACHINE CO., 1-4-5, Adv Pgs 527,528 — **127 Greenwood Ave. Wyncote** — **Pa**
Masterscreen Printing Equipment Corp., 6 — 16-18 S. Marshall St, Philadelphia 6 — Pa
Melpar Inc., 2-3-7 — 3000 Arlington Blvd. Falls Church — Va
MICO INSTRUMENT CO., 3, Adv Pg 514 — **77 Trowbridge St. Cambridge 38** — **Mass**
Narda Ultrasonics Corp., 1 — 200 Michael Dr. Syosset 1 — NY
NEW HERMES ENGRAVING MACHINE CO., 3 Adv Pg 356 — **154 W. 14th St, New York 11** — **NY**
Oakite Products, Inc., 1 — 79 Rector St, New York 6 — NY
Peck, Stow & Wilcox Co., 7 — 217 Center St. Southington — Conn
Podell Co. Inc., Jos. E., 6 — 16 S Marshall St. Philadelphia 6 — Pa
POWERTRON ULTRASONICS, 1, Adv Pg 489 — **Patterson Pl. Roosevelt Fld. Garden City** — **NY**
Precision Metal Products Co. of Malden, 2 — 41 Elm St. Stoneham 80 — Mass
Rampr Mfg Co., 1-4 — 1779 N Main St. Los Angeles 31 — Cal
RAYTHEON CO. COMMER APPAR & SYSTEMS DIV., 3, Adv Pg 41 — **225 Crescent St. Waltham 54** — **Mass**
Rotex Punch Co., 7 — 2350 Alvarado St. San Leandro — Cal
USI Robodyne Div., 2 — 12345 New Columbia Pike, Silver Spring — Md
ULTRASONIC INDUSTRIES INC., 1, Adv Pg 417 — **Ames Ct. Plainview** — **NY**
WALES STRIPPIT INC. UNIT HOUDAILLE IND. INC., 3-7, Adv Pg 50 — **Akron** — **NY**
Wheelabrator Corp., 1 — 1465 S. Byrkit St, Mishawaka — Ind
WYRCO PROJECTS, INC., 6, Adv Pg 488 — **Forsythe Ave. Owego** — **NY**

MACHINES – *RESISTOR MANUFACTURING*
1. ASSEMBLY 2. SORTING 3. WINDING
Associated American Winding Machinery Inc., 3 — 754 St. Ann's Ave, New York 56 — NY
BARNES DEVELOPMENT CO., 2, Adv Pg 414 — **213 W Baltimore Pike, Lansdowne** — **Pa**
Boesch Mfg. Div Waltham Prec Inst Co Inc., 3 — 45 River St. Danbury — Conn
Briggs Div. Drexel Dynamics Corp., 2 — 10 De Kalb St. Norristown — Pa
Brys Instrument Co., 3 — 7026 6th Ave. Brooklyn 9 — NY
Consolidated Controls Corp., 2 — 6 Durant Ave, Bethel — Conn
Design Tool Co. Div. Fed. Mfg. & Eng. Corp., 2 — 1055 Stewart Ave. Garden City — NY
Develop-Amatic Engineering, 2 — 923 Industrial Ave. Palo Alto — Cal

El-Tronics Inc., 1	20 S. 15th St. Philadelphia 2	Pa
Erwood Inc., 1-2	1770 Berteau Ave. Chicago 13	Ill
FEDERAL TOOL ENGINEERING, INC., 1, Adv Pg 533	**1386 Pompton Ave. Cedar Grove**	**NJ**
Fidelity Amplifier Co., 1	1611 N Halsted St. Chicago 14	Ill
G. B. Components Inc., 3	14621 Arminta St. Van Nuys	Cal
Hahn Instrument Co. Inc., 1-2	Glen Head Rd. Glen Head	NY
Hi-Lo Mfg Corp., 1-2	1122 W Newport Ave. Chicago 13	Ill
Industrial Instruments, Inc., 2	89 Commerce Rd. Cedar Grove	NJ
INDUSTRIAL WINDING MACHINERY CORP., 3, Adv Pg 561	**Box 744, Church St. Sta. New York 8**	**NY**
Intercontinental Electronics Corp., 3	300 Shames Dr. Westbury 29	NY
Jan Hardware Mfg Co. Inc., 1	38-01 Queens Blvd. Long Island City 1	NY
KAHLE ENGINEERING CO., 1 Adv Pg 98	**3322 Hudson St, Union City**	**NJ**
Marsar Electronics Corp., 1	475 10th Ave. New York 18	NY
Melpar Inc., 1	3000 Arlington Blvd. Falls Church	Va
Pearce Simpson, Inc., 1	2295 NW 14th St. Miami 35	Fla
Pinetronics Corp., 1	3127 El Camino Real, Palo Alto	Cal
Ram Electronics, Inc., 1-3	600 Industrial Ave, Paramus	NJ
Spec-Tronics, 1	15942 Saticoy Ave, Van Nuys	Cal
Standard Electronics Div Reeves Instrument Corp., 1-3	Lakewood Rd. Farmingdale	NJ
Strangel Instrument Corp., 2	R. D. 1, Lake George	NY
Tecraft Products Corp., 1-3	1124 W Newport Ave. Chicago 13	Ill
Tubular Rivet & Stud Co., 1	Weston Ave, Quincy 70	Mass
USI Robodyne Div., 1-2	12345 New Columbia Pike, Silver Spring	Md
Universal Instruments Corp., 2	139 E Frederick St. Binghamton	NY
Vector Associates Inc., 1	139-30 34th Rd. Flushing 54	NY

MACHINES –*SEMICONDUCTOR CRYSTAL PRODUCTION*

Alloys Unlimited Inc	21-01 43rd Ave Long Island City 1	NY
Associated Engineering & Mfg Corp	Glen Ridge	NJ
Controlled Atmosphere Enclosures Mfg Co	1061 E 8th St. Jacksonville 6	Fla
Fitchburg Engineering Corp	Crighton St, Fitchburg	Mass
KAHLE ENGINEERING CO Adv Pg 98	**3322 Hudson St, Union City**	**NJ**
LEPEL HIGH FREQUENCY LABS. INC., Adv Pg 410	**54-18 37th Ave. Woodside 77**	**NY**
MRC Mfg. Corp	47 Buena Vista Ave, Yonkers	NY
Measurements Research Co	3801 Castor Ave, Philadelphia	Pa
Microtran Inc. Pyrocircuits Div	6 Manhasset Ave, Port Washington	NY
Nichols Co., W.H.	Waltham 54	Mass
Norton Co	1 New Bond St. Worcester 6	Mass
STOKES CORP., F. J., Adv. Pgs. 249-252	**5500 Tabor Rd. Phila 20**	**Pa**
Tang Industries Inc	410 Main St. Waltham 54	Mass
Techni-Rite Electronics, Inc	65 Centerville Rd. Warwick	RI
USI Robodyne Div	12345 New Columbia Pike, Silver Spring	Md

MACHINES –*SHOCK-TESTING*

Anchor Specialty Mfg. Co. Inc	300 Hollister Rd. Teterboro	NJ
ASSOCIATED TESTING LABORATORIES INC., Adv Pg 343	**107 Route 46, Wayne**	**NJ**
Barry Controls Div. Barry Wright Corp	711 Pleasant St. Watertown 72	Mass
Consolidated Electrodynamics Corp.	300 N. Sierra Madre Villa, Pasadena	Cal
Elettronica Metal Lux S.p.A.	Viale Sarca 94, Milan	Italy
Gaynes Engineering Co	1642 W Fulton St, Chicago 12	Ill
Jan Hardware Mfg. Co., Inc	38-01 Queens Blvd, Long Island City 1	NY
L. A. B. Corp	952 Onondaga, Skaneateles	NY
Research Inc	Box 6164, Edina Br. Mpls 24	Minn
Wyle Labs. Mfg Div.	133 Center St, El Segundo	Cal

MACHINES –*SOLDERING (EXCEPT DIP-SOLDERING)*

Cole Radio Works	95 Westville Ave, Caldwell	NJ
Compo Shoe Machinery Corp	Roberts Rd. Waltham 54	Mass
Eisler Engineering Co., Inc	751 S. 13 St, Newark 3	NJ
Hollis Engineering, Inc	459 South Ave. Weston 93	Mass
Induction Heating Corp	181 Wythe Ave, Brooklyn 11	NY
LEPEL HIGH FREQUENCY LABS. INC., Adv Pg 410	**54-18 37th Ave. Woodside 77**	**NY**
Ohio Crankshaft Co., Tocco Div	3800 Harvard Ave, Cleveland 5	Ohio
Ryerson & Son Inc. J T	2558 W 16th St. Chicago 8	Ill
SANDERS ASSOCIATES INC., Adv Pg 388	**95 Canal St. Nashua**	**NH**
Selas Corp of America	Dresher	Pa
Virginia Electronics Co., Inc	5209 River Rd, Washington 16	DC

MACHINES –*SORTING (EXCEPT CRYSTAL, CAPACITOR & RESISTOR)*

BARNES DEVELOPMENT CO., Adv Pg 414	**213 W Baltimore Pike, Lansdowne**	**Pa**
Corbett Science Labs., F.R.	3117 Venice Blvd. Los Angeles 19	Cal
Design Tool Co. Div. Fed. Mfg. & Eng. Corp.	1055 Stewart Ave. Garden City	NY
Designers for Industry	4241 Fulton Pkwy, Cleveland 9	Ohio
Eder Engineering Co	1550 S 1st St. Milwaukee 4	Wis
Mendel Industries Inc	5134 Glenmont, Houston 36	Tex
Sheffield Corp. Sub Bendix Corp.	Box 893, Dayton 1	Ohio
USI Robodyne Div	12345 New Columbia Pike, Silver Spring	Md

MACHINES –*STAPLING*

Bostitch, Inc	East Greenwich	RI
United Shoe Machinery Corp	140 Federal St. Boston	Mass

MACHINES –*TAPPING*

Besler Corp	4053 Harlan St, Oakland 8	Cal
Milnor Engineering Co., Inc	1811 Pontius Ave, Los Angeles 25	Cal

MACHINES –*TERMINAL-INSTALLING*

AMP INC., Adv Pgs 65, 183	**Eisenhower Blvd. Harrisburg**	**Pa**
Artos Engineering Co	2757 S 28th St. Milwaukee 46	Wis
Berg Mfg. Corp	142 Reno Ave, New Cumberland	Pa
Bostitch, Inc	East Greenwich	RI
Cleco Air Tools Div. Reed Roller Bit Co	Box 2541, Houston	Tex
Cramer Controls Corp	Box 13, Centerbrook	Conn
EYELET TOOL CO., Adv Pg 459	**31 Carleton St. Cambridge**	**Mass**
Hahn Instrument Co. Inc.	Glen Head Rd. Glen Head	NY
Hill Machine Co	1301 Eddy Ave, Rockford	Ill
Malco Mfg. Co	4025 W. Lake St, Chicago 24	Ill
Patton-MacGuyer Co	17 Virginia Ave, Providence 5	RI
Segal, Edward	132 Lafayette St, New York 13	NY
Tubular Rivet & Stud Co	Weston Ave, Quincy 70	Mass

USI Robodyne Div	12345 New Columbia Pike, Silver Spring	Md

MACHINES –*TOROID-WINDING* See MACHINES –*COIL-WINDING*

MACHINES –*TUBE MANUFACTURING*

Associated Engineering & Mfg. Corp.	Glen Ridge	NJ
Eisler Engineering Co., Inc	751 S. 13 St, Newark 3	NJ
KAHLE ENGINEERING CO Adv Pg 98	**3322 Hudson St, Union City**	**NJ**
PIONEER MACHINE WORKS INC., Adv Pg 535	**6136 Adams St. West New York**	**NJ**
Radio Corp of America Electron Tube Div	415 S. 5th St, Harrison	NJ
Thomas Electronics, Inc	118 Ninth St, Passaic	NJ
USI Robodyne Div	12345 New Columbia Pike, Silver Spring	Md

MACHINES –*VIBRATION-TESTING*

All American Tool & Mfg. Co	8027 Lawndale, Skokie	Ill
Anchor Specialty Mfg. Co., Inc	300 Hollister Rd, Teterboro	NJ
Computing Devices of Can. Ltd	Box 508, Ottawa, Ont	Can
Cross Corp	405 Lexington Ave, New York 17	NY
Gaynes Engineering Co	1642 W Fulton St, Chicago 12	Ill
Genisco, Inc	2233 Federal Ave. Los Angeles 64	Cal
Korfund Co. Inc	Cantiague Rd. Westbury	NY
L.A.B. Corp	952 Onondaga, Skaneateles	NY
MB ELECTRONICS A DIV. OF TEXTRON ELECTRONICS INC., Adv Pg 353	**Box 1825, New Haven 8**	**Conn**
Research Inc	Box 6164, Edina Br. Mpls 24	Minn
Rototest Labs. Inc	2803 Los Flores Blvd. Lynwood	Cal
ULTRASONIC INDUSTRIES INC., Adv Pg 417	**Ames Ct. Plainview**	**NY**
UNHOLTZ-DICKIE CORP Adv Pg 363	**2994 Whitney Ave. Hamden 18**	**Conn**
Wyle Labs. Mfg Div.	133 Center St, El Segundo	Cal

MACHINES –*WELDING, COMPONENT CASE & CAN*

Air Reduction Sales Co	150 E 42 St. New York	NY
Eisler Engineering Co., Inc	751 S. 13 St, Newark 3	NJ
EWALD INSTRUMENTS, Adv Pg 498	**Rt. 7E, Kent**	**Conn**
FEDERAL TOOL ENGINEERING, INC., Adv Pg 533	**1386 Pompton Ave. Cedar Grove**	**NJ**
Hughes Vacuum Tube Products Div	2020 Short St. Oceanside	Cal
KAHLE ENGINEERING CO Adv Pg 98	**3322 Hudson St, Union City**	**NJ**
National Electric Welding Machines Co	1846 Trumbull St. Bay City	Mich
Pcm, Inc	Benton Harbor	Mich
RAYTHEON CO. COMMER APPAR & SYSTEMS DIV., Adv Pg 41	**225 Crescent St. Waltham 54**	**Mass**
Tang Industries Inc	410 Main St. Waltham 54	Mass
Ulmer Co., H. W.	2941 San Luis Rey Rd. Oceanside	Cal
Wells Electronics Co	1701 S Main St. South Bend 23	Ind

MACHINES –*WIRE-PROCESSING*
1. CUTTING *3. MEASURING*
2. MARKING *4. TIN REFLOWING, STRANDED WIRE*
STRIPPING See STRIPPERS

Ackerman-Gould Co., Inc., 2	10 Neil Ct. Oceanside	NY
Acromark Co., The, 2	333 Morrell St. Elizabeth 4	NJ
Apex Machine Co., 2	14-15 118th St. College Point	NY
Artos Engineering Co., 1-2	2757 S 28th St. Milwaukee 46	Wis
BIRNBACH RADIO CO. INC., 3, Adv Pg 529	**145 Hudson St. New York 13**	**NY**
Branson Instruments Inc.	37 Brown House Rd. Stamford	Conn
Cable Industries Corp., 1	Box 150, Endicott	NY
Cleco Air Tools Div. Reed Roller Bit Co	Box 2541, Houston	Tex
Designers for Industry, 3-4	4241 Fulton Pkwy. Cleveland 9	Ohio
Dixon Co., J.W., 3	Englewood	NJ
Eisler Engineering Co. Inc	751 S 13 St. Newark 3	NJ
Electronic Production & Development, Inc., 1-3-4	501 N Prairie Ave. Hawthorne	Cal
Eubanks Engineering Co., 1-3	260 N. Allen Ave, Pasadena	Cal
Foster & Allen Inc., 1	Chatham	NJ
Gibbs Mfg. & Research Corp., 2	454 N. Main St., Janesville	Wisc
HALLICRAFTERS CO., 1-2, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
Hi-G Instrument Div., Merian Instrument Co., 3	4025 W 160th St, Cleveland 35	Ohio
Induction Heating Corp., 4	181 Wythe Ave, Brooklyn 11	NY
JFD ELECTRONICS CORP., 3, Adv Pgs 406, 407	**6101 16th Ave. Brooklyn 4**	**NY**
Jennings Machine Corp., 1-3	3452 Ludlow St, Philadelphia 4	Pa
KAHLE ENGINEERING CO., 1 Adv Pg 98	**3322 Hudson St, Union City**	**NJ**
Kenco Mfg. Co	5211 Telegraph Rd, Los Angeles 22	Cal
Kingsley Machine Co., 2	850 Cahuenga Blvd FB, Hollywood 38	Cal
MARKEM MACHINE CO., 2 Adv Pg 240	**150 Congress St, Keene**	**NH**
Martin Co., 1-2-3	Mail No. C3017, Baltimore 3	Md
Matthews & Co., James H., 2	3921 Forbes Ave, Pittsburgh 13	Pa
Mercury Engineering Corp., 1-2-3-4	237 E Cottage Pl, York	Pa
Olympic Instruments, Inc., 3	Dept 577, Vashon	Wash
Reeve Electronics, Inc., 4	609 W. Lake St, Chicago 6	Ill
Stata Testing Lab. Inc., 1	215 Knowlton St, Bridgeport 8	Conn
Stoker & Yale Inc., 3	Green St. Marblehead	Mass
Technical Devices Co., 1	11242 Playa Ct, Culver City	Cal
Thomas Instrument Co., 1	Three Rivers, Phoenix	NY

MACHINE TOOL CONTROLS See CONTROLS –*MACHINE TOOL*
MACHINING SERVICES See LAPPING & HONING SERVICES: METAL PARTS

MAGNESIUM
1. FINISHED PARTS *2. SHEETS, BARS & RODS*
TUBING See TUBING –*METALLIC*

Aluminum Co of America, 2	Alcoa Bldg. Pittsburgh 19	Pa
Brer Metallurgical Chemical Co., 2	620 65 Ave, Philadelphia 26	Pa
Brooks & Perkins, Inc., 1-2	1950 W. Fort St, Detroit 16	Mich
Cox Mfg. Co., 1	607 Fredericksburg Rd, San Antonio 1	Tex
DeVilbiss Manufacturing Corp., 1	Jamestown	NY
Dow Chemical Co., 2	Midland	Mich
Fahstrom Co., 1	44 Fahstrom Ct, Passaic	NJ
Farwell Metal Fabricating, 1	67 W. Fairfield Ave, St. Paul 7	Minn
Ford Instrument Co. Div. Sperry Rand Corp., 1	31-10 Thomson Ave. Long Island City 1	NY
Gamex Corp. Industrial Div., 1	1200 Commerce Ave. Union	NJ
Golding Mfg. Co., 1	90 Pardo Ave, North Arlington	NJ
A.D. Mackay, Inc., 2	198 Broadway, New York 38	NY
Microtech, Inc., 1	Wilcox Rd, Cheshire	Conn
Semi-Alloys Inc., 1-2	20 McQuesten Pkwy. N, Mt. Vernon	NY
South River Metal Products Co., Inc., 1	377 Turnpike, South River	NJ
United Mineral & Chemical Corp., 2	16 Hudson St, New York 13	NY

Var-Lac-Oid Chemical Co., 2	115 Broad St. New York 4	NY
Zero Mfg. Co., 1	1121 Chestnut St, Burbank 71	Cal

MAGNESIUM OXIDE
1. MATERIAL 2. PARTS 3. PARTS, METALLIZED

Accurate Specialties Co. Inc., 3	345 Lodi St. Hackensack	NJ
AMERICAN LAVA CORP., 2, Adv Pg 237	**Cherokee & Mfgrs Rd. Chattanooga 5**	**Tenn**
CARBORUNDUM CO. REFRACTORIES DIV., 1-2, Adv Pgs 104, 116	**Perth Amboy**	**NJ**
Carvil Technical Ceramics Inc., 3	801-23rd St. Union City	NJ
Delta Chemical Works, 1	21 W. 60th St, New York	NY
Dow Chemical Co., 1	Midland	Mich
Electro-Ceramics, Inc., 2-3	2645 S 2nd W. Salt Lake City 15	Utah
Engineering Science Div Amer Metal Pdts Co., 2-3	2931 S State St., Ann Arbor	Mich
Gladding, McBean & Co., 2-3	1551 S. Primrose St., Monrovia	Cal
Laboratory Equipment Corp., 2	Lakeview & Hilltop Rd. St Joseph	Mich
A.D. Mackay, Inc., 1-2	198 Broadway, New York 38	NY
Mallinckrodt Chemical Works, 1	Second & Mallinckrodt Sts, St. Louis 7	Mo
Materials for Electronics Inc., 1-2	152-25 119 Ave, Jamaica 34	NY
Minn-Honeywell, Ceramics Lab., 2-3	Box 440, Minneapolis 40	Minn
NATIONAL BERYLLIA CORP., 2-3, Adv Pg 552	**1st & Haskell, Haskell**	**NJ**
Norton Co., 1-2	1 New Bond St. Worcester 6	Mass
Pyrometer Co. of America, Inc., 2	600 E Lincoln Hwy. Penndel	Pa
Semi-Alloys Inc., 1-2	20 McQuesten Pkwy. N, Mt. Vernon	NY
SEMI-ELEMENTS, INC., 1, Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
Steward Mfg Co., D.M., 2	3600 Jerrome Ave. Chattanooga 1	Tenn
United Mineral & Chemical Corp., 1	16 Hudson St, New York 13	NY
Zirconium Corp of America, 1-2	31501 Solon Rd, Solon 39	Ohio

MAGNET COILS See COILS –*WINDINGS ONLY*
MAGNETIC ALLOYS See ALLOYS: MAGNETS –*PERMANENT*
MAGNETIC AMPLIFIER CIRCUIT DEMONSTRATORS See DEMONSTRATORS
MAGNETIC AMPLIFIERS See AMPLIFIERS –*MAGNETIC*

MAGNETIC ANALYSIS EQUIPMENT

Bell, Inc., F.W.	1356 Norton Ave, Columbus 12	Ohio
Geotechnical Corp	3401 Shiloh Rd. Garland	Tex
Helix, Inc	310 E. Imperial Hwy, El Segundo	Cal
Harvey Wells Corp	Box 189, Framingham	Mass
INDIANA STEEL PRODUCTS DIV. INDIANA GENERAL CORP., Adv Pg 77	**Valparaiso**	**Ind**
Irwin Labs Inc	1238 S Gerhart Ave. Los Angeles 22	Cal
Magnaflux Corp	7320 W Lawrence Ave. Chicago 31	Ill
Minn-Honeywell, Rubicon Instruments	Ridge Ave. at 35 St. Philadelphia 32	Pa
PERMAG CORP., Adv Pg 506	**88-06 Van Wyck Expwy. Jamaica 18**	**NY**
Radio Frequency Labs., Inc	Boonton 2	NJ
RAWSON ELECTRICAL INSTRUMENT CO., Adv Pg 446	**111 Potter St. Cambridge 42**	**Mass**

MAGNETIC BRAKES See BRAKES –*MAGNETIC*
MAGNETIC CLUTCHES See CLUTCHES –*MAGNETIC*
MAGNETIC CORES See CORES
MAGNETIC-DRUM RECORDERS See RECORDERS –*DRUM, MAGNETIC*
MAGNETIC DRUMS See MEMORIES –*COMPUTER*
MAGNETIC FILM See TAPES –*MAGNETIC RECORDING*
MAGNETIC FILM RECORDERS See RECORDERS –*FILM*
MAGNETIC FLUXMETERS See FLUXMETERS
MAGNETIC FOIL See FOIL –*MAGNETIC*
MAGNETIC FREQUENCY MULTIPLIERS See GENERATORS –*SIGNAL, HARMONIC*
MAGNETIC IRON OXIDE See IRON OXIDE
MAGNETIC IRON POWDER See IRON POWDER
MAGNETIC MODULATORS See MODULATORS
MAGNETIC PICKUPS See PICKUPS –*PHONOGRAPH*
MAGNETIC POWDERS See FERRITES
MAGNETIC RECORDING HEADS See HEADS
MAGNETIC RECORDING WIRE See WIRE –*MAGNETIC RECORDING*
MAGNETIC SHIELDING See SHIELDING
MAGNETIC STEEL See STEEL –*ELECTRIC*
MAGNETIC TAPE See TAPES –*MAGNETIC RECORDING*
MAGNETIC TAPE CONTROLS –*MACHINE TOOL* See CONTROLS –*MACHINE TOOL*
MAGNETIC TAPE DUPLICATORS See DUPLICATORS
MAGNETIC TAPE ERASERS –*BULK* See ERASERS
MAGNETIC TAPE MEMORIES See MEMORIES –*COMPUTER*
MAGNETIC TAPE PLAYERS See PLAYERS –*MAGNETIC TAPE*
MAGNETIC TAPE RECORDERS See RECORDERS –*MAGNETIC TAPE*
MAGNETIC TAPE REELS See REELS
MAGNETIC TAPE SEARCH UNITS See MEMORIES
MAGNETIC TAPE SPLICERS See SPLICERS

MAGNETIZERS

Arms Co., R.B.	2101 N. Delaware St, Indianapolis	Ind
Carlson Products Co	2518 W. Pico Blvd, Los Angeles 19	Cal
DAVENPORT MFG. DIV.-DUNCAN ELEC. CO., Adv Pg 451	**2530-32 N Elston Ave. Chicago 47**	**Ill**
Electronic Brazing Co	141 Glenridge Ave, Montclair	NJ
EWALD INSTRUMENTS, Adv Pg 498	**Rt. 7E, Kent**	**Conn**
INDIANA STEEL PRODUCTS DIV. INDIANA GENERAL CORP., Adv Pg 77	**Valparaiso**	**Ind**
Klein Electronics Co., Leo	8526 Washington Blvd. Culver City	Cal
Magnaflux Corp	7320 W Lawrence Ave. Chicago 31	Ill
PERMAG CORP., Adv Pg 506	**88-06 Van Wyck Expwy. Jamaica 18**	**NY**
Radio Frequency Labs., Inc	Boonton 2	NJ
Stazdor Co	11625 S. Broadway, Los Angeles	Cal

MAGNETOMETERS

Bell, Inc., F.W.	1356 Norton Ave, Columbus 12	Ohio
Device Development Corp	428 Boston Post Rd, Weston 93	Mass
Geotechnical Corp	3401 Shiloh Rd. Garland	Tex
Helix, Inc	310 E. Imperial Hwy, El Segundo	Cal
Harvey Wells Corp	Box 189, Framingham	Mass
Irwin Labs Inc	1238 S Gerhart Ave. Los Angeles 22	Cal
Magnaflux Corp	7320 W Lawrence Ave. Chicago 31	Ill
RAWSON ELECTRICAL INSTRUMENT CO., Adv Pg 446	**111 Potter St. Cambridge 42**	**Mass**
Varian Associates	611 Hansen Way, Palo Alto	Cal

MAGNETOSTRICTIVE METALS See NICKEL
MAGNETOSTRICTIVE TRANSDUCERS See ULTRASONIC EQUIPMENT

MAGNETRON AMPLIFIERS See AMPLIFIERS -*MICROWAVE*
MAGNETRONS See TUBES -*MICROWAVE*

MAGNETS -*PERMANENT*
1. ALNICO POWDERS
2. ALLOYS (EXCEPT ALNICO)
3. CERAMIC (FERRITE)
4. FINISHED ALNICO MAGNETS (Incl. FOCUS, ION TRAP, MAGNETRON, METER & SPEAKER FIELD)
5. FINISHED MAGNETS, OTHER ALLOYS

Airtron, Div of Litton Industries, 3 ... 200 E Hanover Ave. Morris Plains ... NJ
ARNOLD ENGINEERING CO., 1-3-4-5, Adv Pg 534 ... **P.O. Box G, Marengo** ... **Ill**
Bell Inc., F. W., 4 ... 1356 Norton Ave. Columbus 12 ... Ohio
Bram Metallurgical Chemical Co., 4-5 ... 820 65 Ave. Philadelphia 26 ... Pa
Crowley Div. Smith Corp., A. O., 3 ... 1 Central Ave. W Orange ... NJ
CRUCIBLE STEEL CO OF AMERICA, 1-2-3-4-5, Adv. Pgs. 160, 161 ... **Box 88, Pittsburgh 30** ... **Pa**
CUSTOM COMPONENTS INC., 3, Adv Pg 396 ... **P. O. Box 248, Caldwell** ... **NJ**
Edmund Scientific Co., 5 ... 502 E Gloucester Pike, Barrington ... NJ
Ferricore, Inc., 3-5 ... 250 South St. Newark 5 ... NJ
Ferroxcube Corp. of America, 3 ... 125 E Bridge St. Saugerties ... NY
General Electric Co. Magnetic Materials Section, 2-4-5 ... 7842 N Neff Pl. Edmore ... Mich
General Hardware Mfg. Co. Inc., 4-5 ... 82 White St. New York 13 ... NY
Harvey Wells Corp., 5 ... Box 189, Framingham ... Mass
Heppner Mfg. Co., 4 ... P.O. Box 608, Round Lake ... Ill
HOSKINS MFG CO., 2-5, Adv Pg 323 ... **4445 Lawton Ave. Detroit 8** ... **Mich**
INDIANA STEEL PRODUCTS DIV. INDIANA GENERAL CORP., 1-2-3-4-5, Adv Pg 77 ... **Valparaiso** ... **Ind**
KEARFOTT DIV., GEN PRECISION INC., 3, Adv Pg 394 ... **Little Falls** ... **NJ**
KRYSTINEL CORP., 3 Adv Pg 519 ... **Box 6, Fox Island Rd. Port Chester** ... **NY**
A.D. Mackay, Inc., 1-2 ... 198 Broadway, New York 38 ... NY
Magnaflux Corp., 4 ... 7328 W Lawrence Ave. Chicago 31 ... Ill
Materials for Electronics Inc., 3 ... 152-25 138 Ave. Jamaica 34 ... NY
MULLARD OVERSEAS LTD., 1-2-3-4, Adv Pg 448 ... **Torrington Pl. London WC 1** ... **Eng**
Murex Ltd. Powder Metal Div., 4-5 ... Rainham, Essex ... Eng
National Moldite Co. Inc., 3-5 ... 250 South St. Newark 5 ... NJ
Nucleonic Products Co. Inc., 4 ... 3133 E 12th St. Los Angeles 23 ... Cal
PERMAG CORP., 1-2-3-4-5, Adv Pg 506 ... **88-06 Van Wyck Expwy. Jamaica 18** ... **NY**
Permanent Magnet Co. Inc., 1-2-3-4-5 ... 4437 Bragdon St. Indianapolis 26 ... Ind
Philips' Gloeilampenfabrieken, N. V., 1-5 ... Eindhoven ... Neth
Quam Nichols Co., 4 ... Marquette Rd & Prairie Ave, Chicago 37 ... Ill
Ridgefield Instrument Group, Schlumberger Corp., 4 ... Box 337, Ridgefield ... Conn
Rostone Corp., 3 ... Rt 52 South, Lafayette ... Ind
Semi-Alloys Inc., 1-2 ... 20 McQueston Pkwy. N, Mt. Vernon ... NY
Shrader Co., 5 ... 11625 S. Broadway, Los Angeles ... Cal
Stackpole Carbon Co., 3 ... 201 Stackpole St, St. Marys ... Pa
Steward Mfg. Co., D.M., 3 ... 3600 Jerome Ave, Chattanooga 1 ... Tenn
Thomas & Skinner Inc., 4-5 ... 1122 E 23rd St. Indianapolis 5 ... Ind
U. S. Instrument Corp., 1 ... Box 1288BG, Charlottesville ... Va
Varian Associates, 4 ... 611 Hansen Way, Palo Alto ... Cal
Var-Lac-Oid Chemical Co., 1 ... 116 Broad St. New York 4 ... NY
Westinghouse-Materials Mfg Div., 4 ... Box 128, Blairsville ... Pa

MAGNET WIRE See WIRE -*MAGNET*

MAGNIFIERS -*ILLUMINATED*
Luxo Lamp Corp. ... Dock St. Port Chester ... NY
Stocker & Yale Inc. ... Green St. Marblehead ... Mass
Swing-O-Lite Inc ... 13 Moonachie Rd. Hackensack ... NJ
WHITE CO., O. C., Adv Pg 428 ... **17 Hermon St. Worcester 8** ... **Mass**

MANGANESE
Bram Metallurgical Chemical Co ... 820 65 Ave, Philadelphia 26 ... Pa
Foote Mineral Co ... Rm 411, 18 W Chelten Ave, Phila 44 ... Pa
Lavino & Co., E.J. ... 3 Penn Center Plaza, Philadelphia 2 ... Pa
A.D. Mackay, Inc ... 198 Broadway, New York 38 ... NY
Semi-Alloys Inc ... 20 McQueston Pkwy. N, Mt. Vernon ... NY
United Mineral & Chemical Corp ... 16 Hudson St, New York 13 ... NY
Var-Lac-Oid Chemical Co ... 116 Broad St. New York 4 ... NY

MANUFACTURERS' REPRESENTATIVES See Pages 573 To 587
MANUFACTURING MACHINES See MACHINES
MARINE ANTENNAS See ANTENNAS -*MARINE*: ANTENNAS -*RADAR*
MARINE GYROCOMPASSES See COMPASSES -*GYRO*
MARINE RADIOTELEPHONE SYSTEMS See COMMUNICATION SYSTEMS
MARINE RECEIVERS See RECEIVERS -*RADIO COMMUNICATION*
MARINE TRANSMITTERS See TRANSMITTERS -*RADIO COMMUNICATION*

MARKERS -*FREQUENCY, MICROWAVE*
CONTROL ELECTRONICS CO. INC., Adv Pg 444 ... **10 Stepar Pl. Huntington Sta** ... **NY**
FXR INC., Adv Pgs 100, 101 ... **25-26 50th St. Woodside 77** ... **NY**
General Microwave Corp ... 47 Gazza Blvd. Farmingdale ... NY
PORTCHESTER INSTRUMENT CORP., Adv Pg 468 ... **114 Wilkins Ave. Port Chester** ... **NY**
Ryan Electronics Div. Ryan Aero. Co ... 5650 Kearny Mesa Rd. San Diego 12 ... Cal
United Shoe Machinery Corp ... 140 Federal St. Boston ... Mass

MARKERS -*IDENTIFYING* See LABELS: NAMEPLATES
MARKER SIGNAL GENERATORS -See GENERATORS -*SIGNAL*

MARKERS -*LUMINOUS*
Brady Co., W.H. ... 727 West Glendale Ave, Milwaukee 12 ... Wisc
STAFFORD MFG. CO. INC., Adv Pg 124 ... **145 58th St. Brooklyn 20** ... **NY**
U. S. Nuclear Corp ... 801 N. Lake St, Burbank ... Cal
U.S. RADIUM CORP., Adv Pg 290 ... **P.O. Box 246, Morristown** ... **NJ**

MARKING INKS See INKS
MARKING MACHINES See MACHINES -*MARKING*
MARKING MACHINES -*WIRE* See MACHINES -*WIRE-PROCESSING*
MARKING STAMPS See STAMPS -*MARKING*
MASERS See AMPLIFIERS -*MICROWAVE*

MASERS -*OPTICAL (Incl. LASERS)*
Electro Powerpacs Inc ... 5 Hadley St. Cambridge 40 ... Mass
Geoscience Instrument, Inc ... 142 Maiden Lane, New York 38 ... NY
A.D. Mackay, Inc ... 198 Broadway, New York 38 ... NY
Meller Co., Adolf ... Box 6001-Turnkey, Providence ... RI
SEMI-ELEMENTS INC., Adv Pg 524 ... **Saxonburg Blvd. Saxonburg** ... **Pa**
VARO, INC Adv Pg 118 ... **2201 Walnut St. Garland** ... **Tex**

MASKS -*TV PICTURE TUBE*
Conforming Matrix Corp ... 830 New York Ave. Toledo 11 ... Ohio
Croname, Inc ... 6247 Howard St, Chicago 48 ... Ill
Jan Hardware Mfg Co. Inc ... 38-01 Queens Blvd. Long Island City 1 ... NY
Johnson & Hoffman Mfg Corp ... 31 E Second St. Mineola ... NY
STAFFORD MFG. CO. INC., Adv Pg 124 ... **145 58th St. Brooklyn 20** ... **NY**

MASS SPECTROMETERS See SPECTROMETERS
MAST MOUNTS See MOUNTS -*ANTENNA*

MASTS -*ANTENNA*
1. ONE-PIECE 2. SECTIONAL 3. TELESCOPING See Also TOWERS
A G A Corp ... 1200 Duke St. Alexandria ... Va
American Development Electronics Co., 1-2 ... 77 Poinier St. Newark 8 ... NJ
Andrew California Corp., 3 ... 941 E Marylind Ave. Claremont ... Cal
Antenna Products Co. Div. All Products Co., 3 ... Box 110, Mineral Wells ... Tex
Antenna Specialists Co., 1-2-3 ... 12435 Euclid Ave. Cleveland 6 ... Ohio
Barker & Williamson Inc., 2 ... Canal & Beaver Sts. Bristol ... Pa
Brooks & Perkins, Inc., 2-3 ... 1950 W Fort St. Detroit 16 ... Mich
CG Electronics Corp., 1-2 ... 15000 Central E., Albuquerque ... NM
Channel Master Co., 1-2-3 ... Ellenville ... NY
Clear Beam Antenna Co., 1-2-3 ... 21341 Roscoe Blvd, Canoga Park ... Cal
Craig Systems, Inc., 2-3 ... 360 Merrimack, Lawrence ... Mass
E-Z Way Towers, Inc., 1-2-3 ... 5901 E Broadway, Tampa ... Fla
Electrada Corp., 1 ... 11244 Playa St. Culver City ... Cal
Eugene Engineering Co. Inc., 1-2-3 ... 1217 Hyde Park Ave. Hyde Park 36 ... Mass
Hayton Corp., 1-2 ... 400 W 202nd St. New York 34 ... NY
Hi-Lo Mfg Corp., 1-2 ... 1122 W Newport Ave. Chicago 13 ... Ill
I. E. Manufacturing, 1-2-3 ... 3041 Carroll, Chicago 12 ... Ill
JFD ELECTRONICS CORP., 1-2-3, Adv Pgs 406, 407 ... **6101 16th Ave. Brooklyn 4** ... **NY**
Kennedy & Co., D. S., 1-2-3 ... Cohasset ... Mass
Kenwood Engineering Co. Inc., 1-2-3 ... 265 Colfax Ave. Kenilworth ... NJ
Lantex Industries Inc., 1-2-3 ... Motor Ave. Farmingdale ... NY
Marconi's Wireless Telegraph Co. Ltd., 1-2 ... 750 3rd Ave. New York 17 ... NY
Mason, Shriver & Rhoades, Inc., 1-2 ... P.O. Box 551, Irwin ... Pa
Materials for Electronics Inc., 3 ... 152-25 138 Ave. Jamaica 34 ... NY
Millard Electric Ltd., 2 ... Perth ... Ont
Pacific Automation Products, Inc., 1-2 ... 1200 Air Way, Glendale 1 ... Cal
Pfaff & Kendall, 1-2-3 ... 84 Foundry St. Newark 5 ... NJ
Portland Industries Corp., 1 ... South Portland ... Me
Radio Merchandise Sales, Inc., 1-3 ... 2016 Bronxdale Ave. New York 62 ... NY
ROHN MANUFACTURING CO., 3, Adv Pg 117 ... **Box 2000, Peoria** ... **Ill**
Rostan Corp., 1-2-3 ... 5650-59th St, Maspeth 78 ... NY
SERVO CORP OF AMERICA, 1-2-3, Adv Pg 314 ... **111 New South Rd. Hicksville** ... **NY**
Smith Mfg. Co., J&H, 1-2-3 ... Little Britain Rd, Newburgh ... NY
South River Metal Products Co. Inc., 1-2-3 ... 377 Turnpike, South River ... NJ
Spaulding Products Co., 1-2-3 ... 550 W Barner St. Frankfort ... Ind
STAFFORD MFG. CO. INC., 1-2, Adv Pg 124 ... **145 58th St. Brooklyn 20** ... **NY**
Taffet Electronics Inc., 2 ... 2705 Bklyn-Qns Exp W, Woodside 77 ... NY
Telco Electronics Mfg. Co., 1-2-3 ... 400 S Wyman St. Rockford ... Ill
Telectro Industries Corp., 2-3 ... 35-16 - 37th St. Long Island City 1 ... NY
Telrex Labs ... Asbury Park ... NJ
Thomas Mold & Die Co., 3 ... Wooster ... Ohio
Topp Industries, Inc., 1-2 ... 5221 W. 102 St. Los Angeles 45 ... Cal
Tower Construction Co., 2 ... 2700 Hawkeye Dr, Sioux City ... Iowa
Tricraft Products Corp., 1-2 ... 1124 W Newport Ave. Chicago 13 ... Ill
Tri-Ex Tower Corp., 1-2-3 ... 127 E Inyo, Tulare ... Cal
Victor-Bernard Industries, 1-2-3-4 ... 4566 Baker St. Philadelphia 27 ... Pa
Washington Aluminum Co., Inc., 1-2-3 ... Pa RR & Knecht, Baltimore 29 ... Md
Waveguide, Inc., 2 ... 1769 Placentia Ave, Costa Mesa ... Cal
Western Coil & Electrical Co., 3 ... 215 State St. Racine ... Wis
WIND TURBINE CO., 1-2, Adv Pg 380 ... **E Market St. West Chester** ... **Pa**
York-Hoover Corp., 1 ... York ... Pa

MATCHING NETWORKS See NETWORKS

MATERIALS -*INSPECTION & PROCESS CONTROL*
1. FLAW-INDICATING
2. STRAIN-INDICATING
3. TEMPERATURE-INDICATING
American-Standard, Controls Div., 2 ... 5900 Trumbull, Detroit 8 ... Mich
Canadian Research Institute, 3 ... 85 Curlew Dr. Don Mills ... Ont
CURTISS-WRIGHT CORP. PRINCETON DIV., 3, Adv Pgs 382, 426, 494 ... **Princeton** ... **NJ**
Delsen Corp., 1 ... 719 W Broadway, Glendale 4 ... Cal
Dice Co., J. W., 1 ... Englewood ... NJ
Foxboro Co., The, 3 ... Foxboro ... Mass
Gulton Industries, Inc., 3 ... 212 Durham Ave. Metuchen ... NJ
Lumen, Inc., 3 ... Box 905, Joliet ... Ill
Magnaflux Corp., 1-2 ... 7328 W Lawrence Ave. Chicago 31 ... Ill
Markal Co., 3 ... 3052 W Carroll Ave. Chicago 12 ... Ill
Mason Instrument Co. Inc., 3 ... Box 683, Mamaroneck ... NY
Micrometrical Mfg Co., 1 ... Box 1067, Ann Arbor ... Mich
NASH & HARRISON LTD., 1 Adv Pg 526 ... **1355 Wellington St. Ottawa** ... **Ont**
Norbatrol Electronics Corp., 3 ... 356 Collins Ave. Pittsburgh 6 ... Pa
POWERTRON ULTRASONICS, 1, Adv Pg 489 ... **Patterson Pl. Roosevelt Fld. Garden City** ... **NY**
Precision Thermometer & Instrument Co., 3 ... 1432 Brandywine St. Philadelphia ... Pa
Radio Corp of America, Electron Tube Div., 2 ... 415 S 5th St. Harrison ... NJ
S - E Labs. Ltd., 2 ... 606 N Feltham Est. Feltham Mddsx ... Eng
Shannon Luminous Materials Co., 1 ... 7356 Santa Monica Blvd. Hollywood 46 ... Cal
Sunshine Scientific Instrument, 1 ... 1810 Grant Ave. Philadelphia 15 ... Pa
Tang Industries Inc., 2 ... 400 Main St. Waltham 54 ... Mass
Telechrome Mfg Corp., 1-2-3 ... 185 Dixon Ave. Amityville ... NY
Texas Instruments Incorporated, Appar Div. Ind Prods Gr., 1 ... 3609 Buffalo Spdwy. Houston 6 ... Tex
Thermo Electric Co. Inc., 3 ... 109 5th St. Saddle Brook ... NJ
Thermovolt Instruments Ltd., 3 ... 70 Advance Rd. Toronto 18 ... Ont
Ultrasonic Systems Inc., 1 ... 2255 S Carmelina Ave. Los Angeles 64 ... Cal
United Electric Controls Co., 3 ... 85 School St. Dept-C, Watertown 72 ... Mass
Wayne Kerr Corp., 3 ... 1633 Race St. Philadelphia 3 ... Pa
Whitehall Electronics Corp., 1 ... 1645 Hennepin Ave. Mnnpls 3 ... Minn
X-Ray Products Corp., 1 ... 7829 Industry Ave. Pico-Rivera ... Cal

MATERIALS -*PERFORATED*
Alpha Metals, Inc ... 600 Water St. Jersey City ... NJ
Croname, Inc ... 6247 Howard St, Chicago 48 ... Ill
Ferguson Perforating & Wire Co ... 132 Ernest St, Providence ... RI
Harrington & King Perforating Co ... 5655 W. Fillmore, Chicago 44 ... Ill
Laminated Sheet Products Corp ... 449 Neponset St. Norwood ... Mass
Masonite Corp ... 111 W. Washington, Chicago 2 ... Ill
MUNDT & SONS, CHARLES Adv Pg 56 ... **53 Fairmount Ave. Jersey City 4** ... **NJ**
National-Standard Co ... Niles ... Mich
Ryerson & Son Inc. J T ... 2558 W 16th St. Chicago 8 ... Ill
Wecksesser Co. Inc ... 5701 Northwest Hwy. Chicago 46 ... Ill

MATRIX TRANSFORMERS See TRANSFORMERS -*MATRIX*

MATS -*GELATIN*
Hudson Cushion Corp ... 444 Broad St. Shrewsbury ... NJ

MAVARS See AMPLIFIERS -*MICROWAVE, PARAMETRIC*
MECHANICAL COUNTERS See COUNTERS -*MECHANICAL*
MECHANICAL FILTERS See FILTERS
MECHANICAL RECORDERS See RECORDERS -*MECHANICAL*

MECHANISMS -*SINE-COSINE*
Bell Aerospace Corp ... Box 1, Buffalo 5 ... NY
Guidance Controls Corp ... 110 Duffy Ave. Hicksville ... NY

MEDICAL AMPLIFIERS See AMPLIFIERS -*MEDICAL INSTRUMENT*

MEGAPHONES -*ELECTRONIC*
Marconi's Wireless Telegraph Co., Ltd. ... 750 Third Ave, New York 17 ... NY
Taffet Electronics Inc ... 2705 Bklye-Qns Exp W, Woodside 77 ... NY
Wintronics ... 213 S Hawthorne Blvd. Hawthorne ... Cal

MEGOHMMETERS See OHMMETERS
MELAMINE FORMALDEHYDE See PLASTICS
MELAMINE LAMINATES See LAMINATES -*COPPER-CLAD*

MEMORIES -*COMPUTER*
1. FERRITE, APERTURE PLATE
2. FERRITE, CORE PLANE
3. MAGNETIC DRUM
4. MAGNETIC TAPE
5. MAGNETIC TAPE SEARCH UNITS
6. MATRICES (Incl. DIODE)
7. THIN FILM
8. DISK
Airtron, Div of Litton Industries, 1-2 ... 200 E Hanover Ave. Morris Plains ... NJ
Airtronics, Inc., 1-2 ... 5522 Dorsey Ln, Washington 16 ... DC
Alwac Computer Div. El-Tronics, Inc., 3 ... 13040 S Cerise, Hawthorne ... Cal
AMP INC., 1-2, Adv Pgs 65, 183 ... **Eisenhower Blvd. Harrisburg** ... **Pa**
Ampex Computer Products Co., 2-3-6 ... Box 329, Culver City ... Cal
Beck's Inc., 2-6 ... 298-300 E 5th St. St Paul 1 ... Minn
Bell Inc., F. W., 6 ... 1356 Norton Ave. Columbus 12 ... Ohio
Burroughs Corp. Electronic Components Div., 7 ... Box 1226, Plainfield ... NJ
CBS Electronics, Div., CBS, Inc., 2-6-7 ... 100 Endicott St, Danvers ... Mass
CBS Laboratories, 2-6-7 ... 227 High Ridge Rd. Stamford ... Conn
Chance Vought Corp. Vought Electronics Div., 6 ... Box 1500, Arlington ... Tex
Clary Corp., 3 ... 408 Junipero St. San Gabriel ... Cal
Computer Control Co. Inc., 2-5 ... 983 Concord St. Framingham ... Mass
Computer Sciences, Inc., 3 ... 603 Main St. Westbury ... NY
Computer Techniques Inc., 6 ... 3300 Northern Blvd. Long Island City 1 ... NY
Consolidated Avionics Corp., 5-6 ... 800 Shames Dr. Westbury ... NY
Consolidated Controls Corp., 3 ... 6 Durant Ave. Bethel ... Conn
Control Equipment Co., 6 ... 19 Kearney Rd. Needham Heights 94 ... Mass
Data Equipment Co., 1-2-3-4-5-6-7 ... 923 E. 3rd St, Los Angeles 13 ... Cal
Daystrom, Inc., Control Systems Div., 2 ... 4455 Miramar Rd, La Jolla ... Cal
Daystrom Inc. Military Elec. Div., 1-2 ... Archbald ... Pa
Di/An Controls, Inc., 2 ... 944 Dorchester Ave. Boston ... Mass
Electrada Corp., 3-4-7 ... 11244 Playa St. Culver City ... Cal
Electro Radiation Inc., 4-7 ... 11916 W Pico Blvd. Los Angeles 64 ... Cal
Electrodynamic Instrument Corp., 3-4 ... 1841 Old Spanish Trail, Houston 25 ... Tex
Electron Ohio Inc., 3 ... Box 9527, Solon ... Ohio
El-Tronics Inc., 3-4-5 ... 20 S. 15th St, Philadelphia 2 ... Pa
Epsco Inc. Components Div., 6 ... 275 Massachusetts Ave. Cambridge 39 ... Mass
Epsco-West, 4-5-6 ... 240 E. Palais Rd. Anaheim ... Cal
Farrington Electronics Inc., 3 ... 7019 Edsall Rd. Alexandria ... Va
Ferranti Electric Inc., 3 ... Industrial Park #1, Plainview ... NY
Film Resistors Inc., 7 ... 242 Ridgedale Ave. Morristown ... NJ
Flame Research Inc., 3-4 ... Box 10502, Pittsburgh 35 ... Pa
GENERAL CERAMICS DIV. INDIANA GENERAL CORP., 2, Adv Pg 77 ... **Keasbey** ... **NJ**
General Electric Co. Heavy Military Electronics Dept., 2-7 ... Court St. Syracuse ... NY
Genesys Corp., Sub, Chance Vought, 3-4 ... 10131 National Blvd, Los Angeles 34 ... Cal
Halex Inc., 3-7-8 ... 310 E Imperial Hwy. El Segundo ... Cal
Hughes Microwave Components Div., 3 ... Florence & Teale, Culver City ... Cal
Idaho Maryland Ind. Inc. Magnetics Div., 3 ... 4310 San Fernando Rd. Glendale ... Cal
Instrument Systems Corp., 3 ... 129-07 18th Ave, College Point 56 ... NY
James Electronics Inc., 6 ... 4050 N. Rockwell St. Chicago 18 ... Ill
Laboratory For Electronics, Inc., 3-7-8 ... 1079 Commonwealth Ave. Boston 15 ... Mass
Librascope, Div. General Precision Inc., 3-6-7-8 ... 808 Western Ave. Glendale ... Cal
Lockheed Electronics Corp. Avionics & Ind Prods Div., 1-2-7 ... Randolph St. Los Angeles 22 ... Cal
McDonnell Aircraft Co., 2-7 ... Box 516, St Louis 66 ... Mo
Magne-Head Div., General Transistor Corp., 3-4 ... 2660 S. La Cienega Blvd, Los Angeles 34 ... Cal
Magnetics Research Co., 6 ... 255 Grove St, White Plains ... NY
Marquardt Corp., Pomona Div., 3-6 ... 2709 N. Garey Ave, Pomona ... Cal
Metavac, Inc., 7 ... 45-68 162 St, Flushing 58 ... NY
Microtron Inc. Pyrocircuits Div., 1-7 ... 6 Manhasset Ave. Port Washington ... NY
Minnesota Mining & Mfg Co. Magnetic Products Div., 4-8 ... 900 Bush Ave. St. Paul 6 ... Minn
Molectronics Div. Molec Ind. Inc., 1-2-3-5-6-8 ... 6344 Arizona Cir. Los Angeles 45 ... Cal
Monroe Calculating Machine, Co., Div., Litton Industries, 3 ... 555 Mitchell St, Orange ... NJ
MULLARD OVERSEAS LTD., 2-6, Adv Pg 448 ... **Torrington Pl. London WC 1** ... **Eng**
Nortronics, Div Northrop Corp., 3 ... 222 N Prairie Ave. Hawthorne ... Cal
Philco Corp. Govt & Ind Div., 2-3-4-7 ... 4700 Wissahickon Ave. Phila 44 ... Pa
Philips' Gloeilampenfabrieken, N. V., 2-4 ... Eindhoven ... Neth
POTTER INSTRUMENT CO. INC., 5 Adv Pg 195 ... **Sunnyside Blvd. Plainview** ... **NY**
Radio Corp. of America, Defense Electronic Prods. 1-6 ... Bldg. 15-2 Camden ... NJ
Radio Corp of America, Electron Tube Div., 1-2-4-6 ... 415 S 5th St. Harrison ... NJ

RADIO CORP. OF AMERICA SEMICONDUCTOR & MATERIALS DIV., 1, Adv Pg Insert Preceding 3rd Cover, 3rd Cover..	Rt 202, Somerville	NJ
Rese Engineering Corp., 1-2	A & Courtland Sts. Phila 20	Pa
Shepherd Industries Inc., 3-4	103 Park Ave. Nutley 10	NJ
Space Electronics Corp., 7	930 Air Way, Glendale 1	Cal
Stony Brook Labs., 6	55 State Rd. Princeton	NJ
Tally Register Corp., 3-6	1310 Mercer St. Seattle 9	Wash
Telechrome Mfg Corp., 8	135 Dixon Ave. Amityville	NY
Telectro Industries Corp., 3-4-5-6	35-16 - 37th St. Long Island City 1	NY
Telemeter Corp., 3-5-8	445 Fairfield Ave. Stamford	Conn
Thompson Ramo Wooldridge Inc. Tapco Group, 3..	23555 Euclid Ave. Cleveland 17	Ohio
Wang Laboratories, Inc., 6	12 Huron Dr. Natick	Mass
Wiegand Mfg Co., 6	112 Balfour St. Valley Stream	NY

MEMORY CORE FRAMES See FRAMES
MEMORY-CORE HANDLERS See MACHINES -*MEMORY-CORE HANDLING*
MEMORY CORES See CORES -*MOLDED MAGNETIC*
MEMORY-CORE TESTERS See TESTERS -*MEMORY-CORE*

MERCURY

Braun Metallurgical Chemical Co	820 65 Ave, Philadelphia 26	Pa
Data Equipment Co	973 E. 3rd St, Los Angeles 13	Cal
Delta Chemical Works	23 W. 60th St, New York	NY
Eastern Smelting & Refining Corp	107-109 W. Brookline St, Boston 18	Mass
Fisher Scientific Co	713 Forbes Ave, Pittsburgh 19	Pa
General Electric Co. Lamp Metals & Components Dept	21800 Tungsten Rd. Cleveland 17	Ohio
Johnson Matthey & Mallory Ltd	110 Industry St. Toronto, Ontario, Canada	
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Mallinckrodt Chemical Works	Second & Mallinckrodt Sts, St. Louis 7	Mo
NATIONAL LEAD CO., Adv Pg 557	**111 Broadway, New York 6**	**NY**
Stein Chemicals Inc	25 Vesey St. New York 7	NY
Taylor Instrument Cos	95 Ames St. Rochester	NY
Wildberg Bros. Smelting & Refining Co	349 Butler Ave. S San Francisco	Cal

MERCURY BATTERIES See BATTERIES
MERCURY-VAPOR DETECTORS See DETECTORS -*MERCURY-VAPOR*
MESH -*KNITTED WIRE* See TUBING -*METALLIC: FABRICS*
METAL ANODES -*PLATING* See ANODES
METAL BOXES See BOXES
METAL BUSHINGS See BUSHINGS
METAL CABINETS See CABINETS -*METAL*
METAL CASTINGS See CASTINGS
METAL CHASSIS See CHASSIS
METAL DETECTORS See DETECTORS -*METAL*
METAL FOIL See METAL DESIRED
METAL-FORMING PRESSES See MACHINES -*METAL-FORMING*
METAL-GRAPHITE BRUSHES See BRUSHES
METALLIZED ALUMINUM OXIDE See ALUMINUM OXIDE
METALLIZED CERAMICS See CERAMICS
METALLIZED FILM RESISTORS See RESISTORS -*FILM-TYPE*
METALLIZED GLASS COILS See COILS
METALLIZED PLASTICS See PLASTICS *FINISHED PARTS: PLATING - METAL ON PLASTIC*
METALLIZED TUBING See TUBING -*NONMETALLIC*
METALLIZING MACHINES See MACHINES -*METALLIZING*

METALLIZING SERVICES -*VACUUM*

Accurate Specialties Co. Inc.	345 Lodi St. Hackensack	NJ
Alloyd Electronics Corp	37 Cambridge Pkwy. Cambridge 42	Mass
Ben-Ce Electronic Labs. Inc	361-363 Rantoul St. Beverly	Mass
Data Equipment Co	973 E. 3rd St, Los Angeles 13	Cal
Film Resistors Inc	242 Ridgedale Ave. Morristown	NJ
Gladding, McBean & Co.	1551 S Primrose St. Monrovia	Cal
Green Rectifier Co	1-10 10th St, Fair Lawn	NJ
High Vacuum Eqpt. Corp. Sub. Robinson Tech. Prods. Inc.	2 Churchill Rd. Hingham	Mass
Kinney Vacuum Div., New York Air Brake Co.	3529 Washington St, Boston	Mass
Metavac, Inc	45-68 162 St, Flushing 58	NY
Mpls-Honeywell, Ceramics Lab	Box 440, Minneapolis 40	Minn
Poly-Kote, Inc	82 Chestnut St, North Attleboro	Mass
Vacuum Technology Inc	7933 Gloria Ave. Van Nuys	Cal

METAL PAINTS & PRIMERS See PAINTS & PRIMERS
METAL PARTS -*BUSHINGS* See BUSHINGS
METAL PARTS -*CASTINGS* See CASTINGS

METAL PARTS -*COINED*

Accurate Specialties Co. Inc	345 Lodi St. Hackensack	NJ
Bramin Corp., C. S	322 Washington St. Mt. Vernon	NY
Carr Fastener Co., Div., United-Carr	31 Ames St, Cambridge 42	Mass
Cramore, Inc	4247 Howard St, Chicago 41	Ill
Diebel Die & Mfg. Co	6505 W Oakton St. Morton Grove	Ill
Eugene Engineering Co. Inc	1217 Hyde Park Ave. Hyde Park 36	Mass
Fastex Div. Illinois Tool Works, 1	195 Algonquin Rd. Des Plaines	Ill
General Electric Co. Lamp Metals & Components Dept	21800 Tungsten Rd. Cleveland 17	Ohio
GENERAL FINDINGS INC. INDUSTRIAL DIV., Adv Pgs 538, 539	**55 School St. Attleboro**	**Mass**
GIBSON ELECTRIC CO., Adv Pg 462	**P O Box 535, Delmont**	**Pa**
Henry & Miller Industries, Inc	675 Garfield Ave, Jersey City 5	NJ
Johnson & Hoffman Mfg. Corp	31 E. Second St, Mineola	NY
Jones & Roy Co	620 Commercial Ave, Covina	Cal
O & M Tool Die & Mfg. Co	3316 Palisade Ave. Union City	NJ
Revere Copper & Brass, Inc	230 Park Ave, New York 17	NY
RICHFIELD COINED PRODUCTS CO Adv Pg 559	**720 Broad St, Clifton**	**NJ**
Romac Products Co	48-01 25 Ave, Long Island City 3	NY
Ross Co., Milton	239 Jacksonville Rd. Hatboro	Pa
Semi-Alloys Inc	20 McQueston Pkwy. N, Mt. Vernon	NY
Shawmut Engineering Co	195 Freeport St, Boston	Mass
STAFFORD MFG. CO. INC., Adv Pg 124	**145 59th St. Brooklyn 20**	**NY**
Staver Co., Inc	41 N. Saxon Ave, Bay Shore	NY
Steel Industries	Crawfordsville	Ind
Sylvania Electric Products Inc., Parts Div	12 Second Ave, Warren	Pa
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
Thomas & Sons, Inc., William	Slocum Ave. Ridgefield	NJ
Torrington Co	59 Field St. Torrington	Conn
United Screw & Bolt Corp	3590 W. 58 St. Cleveland 2	Ohio
Worcester Pressed Steel Co	100 Barber Ave, Worcester 6	Mass

METAL PARTS -*COLD HEADED*

Accurate Specialties Co. Inc	345 Lodi St. Hackensack	NJ
Aero Bolt & Screw Co	1017 Arbor Vitae, Inglewood	Cal
Bramin Corp., C. S	322 Washington St. Mt. Vernon	NY
Continental Screw Co	Dept JA, 459 Mt Pleasant St. New Bedford	Mass
Eugene Engineering Co. Inc	1217 Hyde Park Ave. Hyde Park 36	Mass
General Electric Co. Lamp Metals & Components Dept	21800 Tungsten Rd. Cleveland 17	Ohio
GENERAL FINDINGS INC. INDUSTRIAL DIV., Adv Pgs 538, 539	**55 School St. Attleboro**	**Mass**
GIBSON ELECTRIC CO., Adv Pg 462	**P O Box 535, Delmont**	**Pa**
Hassall, Inc., John	P.O. Box 2242, Westbury	NY
Huck Mfg Co	2480 Bellevue Ave. Detroit 7	Mich
Milford Rivet & Machine Co	857 Bridgeport Ave. Milford	Conn
O & M Tool Die & Mfg. Co	3316 Palisade Ave. Union City	NJ
Republic Steel Corp	Republic Bldg. Cleveland 1	Ohio
Revere Copper & Brass, Inc	230 Park Ave. New York 17	NY
Romac Products Co	48-01 25 Ave. Long Island City 3	NY
Ross Co., Milton	239 Jacksonville Rd. Hatboro	Pa
Standard Screw Co	2701 Washington Blvd. Bellwood	Ill
Steel Industries	Crawfordsville	Ind
Sylvania Electric Products Inc. Parts Div	12 2nd Ave. Warren	Pa
Thompson-Bremer & Co. Div. AMF	228 N LaSalle St. Chicago 1	Ill
Torrington Co	59 Field St. Torrington	Conn
Tubular Rivet & Stud Co	Weston Ave. Quincy 70	Mass

METAL PARTS -*CONTACTS* See CONTACTS

METAL PARTS -*DEEP DRAWN*

Accurate Specialties Co. Inc	345 Lodi St. Hackensack	NJ
Blackstone Corp	1111 Allen St, Jamestown	NY
Brooks & Perkins, Inc	1950 W. Fort St, Detroit 16	Mich
Carr Fastener Co., Div., United-Carr	31 Ames St, Cambridge 42	Mass
Champion Co	400 Harrison St, Springfield	Ohio
CLY-DEL MFG CO., Adv Pg 400	**42 Sharon Rd. Waterbury**	**Conn**
Cutler Metal Products Co	1025 Line St. Camden	NJ
Eastern Tool & Mfg Co	1 Montgomery St. Belleville 9	NJ
Ellinco Inc.	4002 N American St. Philadelphia 40	Pa
Engineering Science Div Amer Metal Pdts Co	2901 S State St. Ann Arbor	Mich
Eugene Engineering Co. Inc	1217 Hyde Park Ave. Hyde Park 36	Mass
Fastex Div., Illinois Tool Works	195 Algonquin Rd, Des Plaines	Ill
General Aviation & Electronics Mfg. Co., Inc	175 Berger St, Woodridge	NJ
General Electric Co. Lamp Metals & Components Dept	21800 Tungsten Rd. Cleveland 17	Ohio
Halliburton Enterprises, Inc. Mfg Div	4724 S Boyle Ave. Los Angeles 58	Cal
Heldor Electronics Mfg. Corp	238 Lewis St. Paterson	NJ
Henry & Miller Industries, Inc	675 Garfield Ave, Jersey City 5	NJ
Hudson Tool & Die Co., Inc	18 Malvern St, Newark 6	NJ
I. E. Manufacturing	3041 Carroll, Chicago 12	Ill
Jim Hardware Mfg. Co., Inc	38-01 Queens Blvd, Long Island City 1	NY
Johnson & Hoffman Mfg. Corp	31 E. Second St, Mineola	NY
KAUPP & SONS, C. B., Adv Pgs 365, 366	**32 Newark Way, Maplewood**	**NJ**
King Laboratories, Inc	127 Solar St, Syracuse 3	NY
Kling Metal Spinning Co	247 Centre St, New York	NY
Metalcraft Co.	Dexter Rd. East Providence 14	RI
NATIONAL LEAD CO., Adv Pg 557	**111 Broadway, New York 6**	**NY**
Republic Steel Corp	Republic Bldg. Cleveland 1	Ohio
Revere Copper & Brass, Inc	230 Park Ave, New York 17	NY
Romac Products Co	48-01 25 Ave, Long Island City 3	NY
Ryerson & Son Inc. J T	2558 W 16th St. Chicago 8	Ill
Semi-Alloys Inc	20 McQueston Pkwy. N, Mt. Vernon	NY
Shawmut Engineering Co	195 Freeport St, Boston	Mass
Staver Co., Inc	41 N. Saxon Ave, Bay Shore	NY
Sylvania Electric Products Inc., Parts Div	12 Second Ave, Warren	Pa
Teamer Co., Inc., Roland	134 Tremont St, Everett 49	Mass
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
Thomas & Sons, Inc., William	Slocum Ave. Ridgefield	NJ
Torrington Co	59 Field St. Torrington	Conn
Transval Electronics Corp	2030 Maple Ave. El Segundo	Cal
UCINITE CO. DIV. UCF, Adv Pg 69	**459 Watertown St. Newtonville**	**Mass**
Williams Gold Refining Co., Inc	2978 Main St, Buffalo 14	NY
Worcester Pressed Steel Co	100 Barber Ave, Worcester 6	Mass
Zero Mfg. Co	1121 Chestnut St, Burbank 71	Cal

METAL PARTS -*ELECTROFORMED* See *Also* ELECTROFORMING SERVICES

Accurate Specialties Co. Inc	345 Lodi St. Hackensack	NJ
Composite Industrial Metals Inc	235 Georgia Ave. Providence 5	RI
Engineering Science Div Amer Metal Pdts Co	2901 S State St. Ann Arbor	Mich
Eugene Engineering Co. Inc	1217 Hyde Park Ave. Hyde Park 36	Mass
Fairfield Development Labs Inc	190 Henry St. Stamford	Conn
Gar Precision Parts, Inc	190 Henry St. Stamford	Conn
Jones & Roy Co	620 Commercial Ave, Covina	Cal
Semi-Alloys Inc	20 McQueston Pkwy. N, Mt. Vernon	NY
Standard Metals Corp	Broad & Whiting St. North Attleboro	Mass
Weber Aircraft Corp	Dunnellon Air Base, Dunnellon	Fla

METAL PARTS -*FORMED WIRE* See WIRE PARTS

METAL PARTS -*LAMINATED*

Accurate Specialties Co. Inc	345 Lodi St. Hackensack	NJ
Arvin Industries Inc	Columbus	Ind
Bramin Corp., C. S	322 Washington St. Mt. Vernon	NY
Composite Industrial Metals, Inc	235 Georgia Ave, Providence 5	RI
Eugene Engineering Co. Inc	1217 Hyde Park Ave. Hyde Park 36	Mass
GENERAL FINDINGS INC. INDUSTRIAL DIV., Adv Pgs 538, 539	**55 School St. Attleboro**	**Mass**
Hamilton Watch Co. Industrial Prods Div	Lancaster	Pa
Heldor Electronics Mfg. Corp	238 Lewis St. Paterson	NJ
Henry & Miller Industries, Inc	675 Garfield Ave, Jersey City 5	NJ
Ryerson & Son Inc. J T	2558 W 16th St. Chicago 8	Ill
Semi-Alloys Inc	20 McQueston Pkwy. N, Mt. Vernon	NY
Standard Metals Corp	Broad & Whiting St. North Attleboro	Mass
Staver Co., Inc	41 N. Saxon Ave, Bay Shore	NY
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
Worcester Pressed Steel Co	100 Barber Ave, Worcester 6	Mass
Zero Mfg. Co	1121 Chestnut St, Burbank 71	Cal

METAL PARTS -*LEAD* See LEAD

METAL PARTS -*POWDERED*

Accurate Specialties Co. Inc	345 Lodi St. Hackensack	NJ
Beemer Engineering Co	Industrial Park, Fort Washington	Pa
Engineering Science Div Amer Metal Pdts Co	2901 S State St. Ann Arbor	Mich
Ferro Powdered Metals, Inc	P.O. Box 312E, Salem	Ind
Firth Sterling Inc	3115 Forbes Ave. Pittsburgh	Pa
General Electric Co. Lamp Metals & Components Dept	21800 Tungsten Rd. Cleveland 17	Ohio
GIBSON ELECTRIC CO., Adv Pg 462	**P O Box 535, Delmont**	**Pa**
National Moldite Co. Inc	250 South St. Newark 5	NJ
Raybestos-Manhattan, Inc	61 Willett St, Passaic	NJ
Semi-Alloys Inc	20 McQueston Pkwy. N, Mt. Vernon	NY
Superior Carbon Products Co	9115 George Ave, Cleveland 5	Ohio
Sylvania Electric Prods Inc. Chem & Metallurgical Div	Towanda	Pa
Torrington Co	59 Field St, Torrington	Conn
United Technical Industries Inc	5221 S Major St. Murray	Utah

METAL PARTS -*SCREW MACHINE*

Accurate Electronics Corp	Box 935G, Elyria	Ohio
Accurate Specialties Co. Inc	345 Lodi St. Hackensack	NJ
Acme Industrial Co	202 N. Laflin St, Chicago	Ill
Aero Bolt & Screw Co	1017 Arbor Vitae, Inglewood	Cal
Alpine Electronic Components	Wolcott Rd, Waterbury	Conn
Aluminum Co of America	Alcoa Bldg, Pittsburgh 19	Pa
Anchor Specialty Mfg. Co. Inc.	300 Hollister Rd. Teterboro	NJ
Applied Electronics Co	213 E Grand Ave, S San Francisco	Cal
Blackstone Corp	1111 Allen St, Jamestown	NY
Chicago Screw Co	2701 Washington Blvd, Bellwood	Ill
Coaxial Components Inc	391 Ludlow St. Stamford	Conn
Cox Mfg. Co	807 Fredericksburg Rd, San Antonio 1	Tex
DKE Electronic Bases Inc	27 Wright St. Newark	NJ
Daystrom Inc. Military Elec. Div	Archbald	Pa
Eastern Specialty Co	Philadelphia 40	Pa
Electro-Products, Inc.	15050 Schaefer Hwy, Detroit 27	Mich
Erwood Inc	1770 Berteau Ave, Chicago 13	Ill
Eugene Engineering Co. Inc	1217 Hyde Park Ave. Hyde Park 36	Mass
Everard Tap & Die Corp	213 E. 144th St, New York 51	NY
FEDERAL SCREW PRODUCTS INC., Adv Pg 553	**3917 N Kedzie Ave. Chicago 18**	**Ill**
Freeman Co	3rd & Walnut Sts, Yankton	SD
General Aniline & Film Corp., Ansco Div	Vestal Pkwy E., Binghamton	NY
GENERAL ELECTRONIC & WIRE CO., Adv Pg 484	**457 W 46th St. New York 36**	**NY**
GENERAL FINDINGS INC. INDUSTRIAL DIV., Adv Pgs 538, 539	**55 School St. Attleboro**	**Mass**
H & H Products Co	786 Ramsey Ave, Hillside	NJ
Hamilton Watch Co. Industrial Prods Div	Lancaster	Pa
Henry & Miller Industries, Inc	675 Garfield Ave, Jersey City 5	NJ
Jim Hardware Mfg. Co., Inc	38-01 Queens Blvd, Long Island City 1	NY
Jordan, Inc	428 Salem Ave, Dayton 6	Ohio
K-W Engineering Works	N59 W 16128 Pin Oak Ct. Butler	Wis
MODEL ENG. & MFG. CORP., Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
NATIONAL LEAD CO., Adv Pg 557	**111 Broadway, New York 6**	**NY**
Nichols Products Co	323 W Main St. Moorestown	NJ
Nutmeg Screw Machine Products Co	P.O. Box 1470, Waterbury	Conn
Peerless Products Industries	812 N Pulaski St. Chicago 51	Ill
Red Devil Mfg Co	1420 N Ogden Ave. Chicago 10	Ill
Research Development Mfg. Inc	429 E Cullom St. Phila. 44	Pa
Revere Copper & Brass, Inc	230 Park Ave, New York 17	NY
Romac Products Co	48-01 25 Ave, Long Island City 3	NY
Ross Co., Milton	239 Jacksonville Rd, Hatboro	Pa
Rotex Punch Co	2150 Alvarado St. San Leandro	Cal
Ryerson & Son Inc. J T	2558 W 16th St. Chicago 8	Ill
Semi-Alloys Inc	20 McQueston Pkwy. N, Mt. Vernon	NY
Smith, Inc., Herman H.	2326 Nostrand Ave, Brooklyn 10	NY
Standard Locknut & Lockwasher, Inc	2250 Valley Ave. Indianapolis 18	Ind
Standard Pressed Steel Co	P.O. Box 775, Jenkintown	Pa
Standard Screw Co.	2701 Washington Blvd. Bellwood	Ill
Steel Co., Herman D	Lafayette Bldg. Philadelphia 6	Pa
Steel Heddle Mfg. Co	2100 W. Allegheny Ave, Philadelphia 32	Pa
Steel Industries	Crawfordsville	Ind
TEFCO CORP., Adv Pg 500	**28 Willett St. Port Chester**	**NY**
Titan Metal Mfg. Co. Div. Cerro Corp	Bellefonte	Pa
Torrington Co	59 Field St, Torrington	Conn
UCINITE CO. DIV. UCF, Adv Pg 69	**459 Watertown St. Newtonville**	**Mass**
United Screw & Bolt Corp	3590 W. 58 St, Cleveland 2	Ohio
U. S. Instrument Corp	Box 1788G, Charlottesville	Va
WILKINSON CO., Adv Pg 180	**1660 9th St. Santa Monica**	**Cal**
Wurlitzer Co	North Tonawanda	NY

METAL PARTS -*SMALL METAL STAMPINGS*

Accurate Electronics Corp	Box 935G, Elyria	Ohio
Accurate Specialties Co. Inc	345 Lodi St. Hackensack	NJ
Accurate Spring Mfg. Co.	3811 W Lake St. Chicago 24	Ill
Acme Model Engineering Co	6224 15th Ave. Brooklyn 19	NY
Advance Stamping Co.	12025 Dixie, Detroit 39	Mich
Algo, Inc	251 West St, South Hackensack	NJ
Alpitec Inc	49 Gleason Ave. Stamford	Conn
Anaconda American Brass Co	414 Meadow St, Waterbury 20	Conn
Associated Engineering & Mfg. Corp	Glen Ridge	NJ
Auburn Mfg. Co., The	Pease Ave & Stack St, Middletown	Conn
AUGAT BROS. INC., Adv Pg 112	**33 Perry Ave. Attleboro**	**Mass**
Avionics Ltd	Box 200, Niagara-on-the-Lake	Ont
Bester Corp	4003 Harlan St, Oakland 8	Cal
Bramin Corp., C. S	322 Washington St. Mt. Vernon	NY
Braun Metallurgical Chemical Co	820 65 Ave, Philadelphia 26	Pa
BRAUN TOOL & INSTRUMENT CO. INC., H, Adv Pg 451	**140 5th Ave. Hawthorne**	**NJ**
BUD RADIO INC., Adv Pg 343	**2118 E 55th St. Cleveland 3**	**Ohio**
Burklyn Co.	3429 Glendale Blvd. Los Angeles 39	Cal
Cambridge Thermionic Corp	445 Concord Ave, Cambridge 38	Mass
Carr Fastener Co., Div., United-Carr	31 Ames St, Cambridge 42	Mass
Champion Co	400 Harrison St. Springfield	Ohio
CLY-DEL MFG CO., Adv Pg 400	**42 Sharon Rd. Waterbury**	**Conn**
Composite Industrial Metals, Inc	235 Georgia Ave, Providence 5	RI
Control Devices, Inc	925 S. Elm Rd, Birmingham	Mich
Cox Mfg. Co	807 Fredericksburg Rd, San Antonio 1	Tex
Cramore, Inc	4247 Howard St, Chicago 41	Ill

DKE Electronic Bases Inc	27 Wright St. Newark	NJ
Dayton Rogers Mfg. Co	2824 13 Ave S., Minneapolis 7	Minn
Diebel Die & Mfg. Co	6505 W Oakton St. Morton Grove	Ill
Division Lead Co	7742 W. 61st Pl, Summit	Ill
Dolin Metal Products Inc	315 Lexington Ave. Brooklyn 16	NY
Dudek & Bock Spring & Mfg Co	4014 W. Grand Ave, Chicago 51	Ill
Eastern Specialty Co	Philadelphia 40	Pa
Eastern Tool & Mfg Co	1 Montgomery St. Belleville 9	NJ
Electro-Products, Inc	15050 Schaefer Hwy, Detroit 27	Mich
Electronic Parts Mfg. Co., Inc	506-10 25th St. Union City	NJ
Ellisco Inc	4002 N American St. Philadelphia 40	Pa
Engineering Science Div Amer Metal Pdts Co	260 S State St. Ann Arbor	Mich
Erwood Inc	1770 Berteau Ave. Chicago 13	Ill
Eugene Engineering Co. Inc	1217 Hyde Park Ave. Hyde Park 36	Mass
Everard Tap & Die Corp	213 E. 144th St. New York 51	NY
Fastex Div., Illinois Tool Works	195 Algonquin Rd, Des Plaines	Ill
FEDERAL SCREW PRODUCTS INC., Adv Pg 553	**3917 N Kedzie Ave. Chicago 18**	**Ill**
Federal Tool & Mfg. Co	3600 Alabama Ave, Minneapolis 16	Minn
Gemex Corp. Industrial Div	1200 Commerce Ave. Union	NJ
General Aniline & Film Corp., Ansco Div	Vestal Pkwy E., Binghamton	NY
General Aviation & Electronics Mfg. Co., Inc	179 Berger St, Woodridge	NJ
General Electric Co. Lamp Metals & Components Dept	21800 Tungsten Rd. Cleveland 17	Ohio
GENERAL ELECTRONIC & WIRE CO., Adv Pg 484	**457 W 46th St. New York 36**	**NY**
GENERAL FINDINGS INC. INDUSTRIAL DIV., Adv Pgs 538, 539	**55 School St. Attleboro**	**Mass**
GIBSON ELECTRIC CO., Adv Pg 462	**Box 535, Delmont**	**Pa**
Golden Co	1154-38th St, Brooklyn 19	NY
Green Rectifier Co	1-10 18th St, Fair Lawn	NJ
HK Metal Craft Mfg Corp	3775 Tenth Ave. New York 34	NY
Hamilton Watch Co. Industrial Prods Div	Lancaster	Pa
Heldor Electronics Mfg. Corp	238 Lewis St. Paterson	NJ
Henry & Miller Industries, Inc	675 Garfield Ave, Jersey City 5	NJ
Hi-Lo Mfg Corp	1122 W Newport Ave. Chicago 13	Ill
Holden-Massey Corp	140 Allen Blvd, Farmingdale	NY
Hudson Tool & Die Co., Inc	18 Malvern St, Newark 6	NJ
I. E. Manufacturing	3041 Carroll, Chicago 12	Ill
Jan Hardware Mfg. Co., Inc	38-01 Queens Blvd, Long Island City 1	NY
Johns-Manville	22 E 40 St. New York 16	NY
Johnson & Hoffman Mfg. Corp	31 E. Second St, Mineola	NY
Jones & Roy Co	424 Commercial Ave, Covina	Cal
KAUPP & SONS, C. B., Adv Pgs 365, 366	**32 Newark Way Maplewood**	**NJ**
Kinetron Corp	Shrewsbury & Patterson, Red Bank	NJ
King Laboratories, Inc	127 Solar St, Syracuse 3	NY
Kling Metal Spinning Co	247 Centre St. New York	NY
Kolton Electric Mfg. Co	123 New Jersey Railroad Ave, Newark 5	NJ
Laminated Shim Co., Inc	4601 Union St, Glenbrook	Conn
LaVezzi Machine Works	4635 W. Lake St. Chicago 44	Ill
Masonware Co	Dexter Rd. East Providence 14	RI
Metal Findings Corp	152 W. 22nd St, New York 11	NY
MODEL ENG. & MFG. CORP., Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Monadnock Mills, Div. UCF	1977 1st Ave. San Leandro	Cal
North & Judd Mfg. Co	500 E. Main St, New Britain	Conn
O & M Tool Die & Mfg. Co	3316 Palisade Ave. Union City	NJ
P.B.R. Mfg. Co	H & Luzerne Sts, Philadelphia 24	Pa
Patton-MacGuyer Co	17 Virginia Ave. Providence 5	RI
Peerless Products Industries	812 N Pulaski St. Chicago 51	Ill
Pix Mfg. Co., Inc	75 Hudson St, Newark	NJ
Precision Methods Inc	142 Fulton Ave. New Hyde Park	NY
Quadriga Mfg. Co	213 W. Grand Ave, Chicago 10	Ill
Rada Products Co	2911 W. Carroll Ave, Chicago 12	Ill
Revere Copper & Brass, Inc	230 Park Ave, New York 17	NY
RICHFIELD COINED PRODUCTS CO Adv Pg 559	**720 Broad St. Clifton**	**NJ**
Romac Products Co	48-01 25 Ave, Long Island City 3	NY
Ross Co., Milton	239 Jacksonville Rd. Hatboro	Pa
Ryerson & Son Inc. J T	2558 W 16th St. Chicago 8	Ill
Semi-Alloys Inc	20 McQueston Pkwy. N, Mt. Vernon	NY
Sessions & Son, J.H.	280 Riverside Ave, Bristol	Conn
Shawmut Engineering Co	195 Freeport St, Boston	Mass
Smith, Inc., Herman H.	2326 Nostrand Ave, Brooklyn 10	NY
South River Metal Products Co., Inc	377 Turnpike, South River	NJ
STAFFORD MFG. CO. INC., Adv Pg 124	**145 58th St. Brooklyn 20**	**NY**
Standard Metals Corp	Broad & Whiting St. North Attleboro	Mass
Standard Record Mfg Co	70 N San Gabriel Blvd. Pasadena	Cal
Stavid Co., Inc	41 N. Saxon Ave, Bay Shore	NY
Steel Industries	Crawfordsville	Ind
Stewart Stamping Co	624 Central Park Ave, Yonkers 4	NY
Stone City Products Co	1295-7th St, Bedford	Ind
Sylvania Electric Products Inc., Parts Div	12 Second Ave, Warren	Pa
Techniques, Inc	41 Jay St, Englewood	NJ
Teiner Co., Inc., Roland	134 Tremont St, Everett 49	Mass
Templet Industries	701 Atkins Ave, Brooklyn	NY
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
Thomas & Sons, Inc., William	Slocum Ave, Ridgefield	NJ
Thompson-Bremer & Co. Div. AMF	228 N LaSalle St. Chicago 1	Ill
Tinnerman Products Inc	Dept. 16, Box 6688, Cleveland 1	Ohio
Torrington Co	59 Field St. Torrington	Conn
Transval Electronics Corp	2030 Maple Ave, El Segundo	Cal
Tricon Mfg Co	8012 S Wallace St. Chicago 20	Ill
Tricraft Products Corp	1124 W Newport Ave. Chicago 13	Ill
UCINITE CO. DIV. UCF, Adv Pg 69	**459 Watertown St. Newtonville**	**Mass**
United Mineral & Chemical Corp	16 Hudson St, New York 13	NY
United Screw & Bolt Corp	3590 W. 58 St, Cleveland 2	Ohio
U. S. Instrument Corp	Box 126BG, Charlottesville	Va
Universal Mfg. Co. Inc	1168 EBGrove St. Irvington 11	NJ
Wade Electric Products Co	400 Jacob St. Sturgis	Mich
WILKINSON CO., Adv Pg 180	**1660 9th St. Santa Monica**	**Cal**
Williams Gold Refining Co., Inc	2978 Main St, Buffalo 14	NY
Winder Aircraft Corp	Dunnellon Air Base, Dunnellon	Fla
Worcester Pressed Steel Co	100 Barber Ave, Worcester 6	Mass
Wurlitzer Co	North Tonawanda	NY
York Metal Products, Inc	350 Greenwich St, New York 13	NY
Zero Mfg. Co	1121 Chestnut St, Burbank 71	Cal

METAL PARTS—*SPINNINGS*

Accurate Specialties Co. Inc	345 Lodi St. Hackensack	NJ
Accurate Spring Mfg. Co	3811 W Lake St. Chicago 24	Ill
AINSLIE CORP., Adv Pg 408	**531 Pond St. South Braintree 85**	**Mass**
Aluminum Co of America	Alcoa Bldg, Pittsburgh 19	Pa
Associated Engineering & Mfg Corp	Glen Ridge	NJ
Brooks & Perkins, Inc	1950 W. Fort St, Detroit 16	Mich
Dolin Metal Products Inc	315 Lexington Ave. Brooklyn 16	NY
Erwood Inc	1770 Berteau Ave. Chicago 13	Ill
Eugene Engineering Co. Inc	1217 Hyde Park Ave. Hyde Park 36	Mass
General Aviation & Electronics Mfg. Co., Inc	179 Berger St, Woodridge	NJ
GENERAL FINDINGS INC. INDUSTRIAL DIV., Adv Pgs 538, 539	**55 School St. Attleboro**	**Mass**
Hamilton Watch Co. Industrial Prods Div	Lancaster	Pa
Henry & Miller Industries, Inc	675 Garfield Ave, Jersey City 5	NJ
Instrument Corp. of Florida	Box 1226, Melbourne	Fla
Jan Hardware Mfg. Co., Inc	38-01 Queens Blvd, Long Island City 1	NY
KAUPP & SONS, C. B., Adv Pgs 365, 366	**32 Newark Way, Maplewood**	**NJ**
Kling Metal Spinning Co	247 Centre St, New York	NY
Precision Methods Inc	142 Fulton Ave. New Hyde Park	NY
Revere Copper & Brass, Inc	230 Park Ave, New York 17	NY
Ryerson & Son Inc. J T	2558 W 16th St. Chicago 8	Ill
Semi-Alloys Inc	20 McQueston Pkwy. N, Mt. Vernon	NY
STAFFORD MFG. CO. INC., Adv Pg 124	**145 58th St. Brooklyn 20**	**NY**
Teiner Co., Inc., Roland	134 Tremont St, Everett 49	Mass
Torrington Co	59 Field St. Torrington	Conn

METAL PARTS—*THREADED RODS*

Anaconda American Brass Co	414 Meadow St. Waterbury 20	Conn
Avionics Ltd	Box 200, Niagara-on-the-Lake	Ont
Cox Manufacturing Co	807 Fredericksburg, San Antonio 1	Tex
Dudek & Bock Spring & Mfg. Co	4014 W Grand Ave. Chicago 51	Ill
Erwood Inc	1770 Berteau Ave. Chicago 13	Ill
Eugene Engineering Co. Inc	1217 Hyde Park Ave. Hyde Park 36	Mass
Everard Tap & Die Corp	213 E. 144th St, New York 51	NY
FEDERAL SCREW PRODUCTS INC., Adv Pg 553	**3917 N Kedzie Ave. Chicago 18**	**Ill**
Hamilton Watch Co. Industrial Prods Div	Lancaster	Pa
Henry & Miller Industries, Inc	675 Garfield Ave, Jersey City 5	NJ
I. E. Manufacturing	3041 Carroll, Chicago 12	Ill
Precision Methods Inc	142 Fulton Ave. New Hyde Park	NY
Red Devil Mfg Co	1420 N Ogden Ave. Chicago 10	Ill
Republic Steel Corp	Republic Bldg. Cleveland 1	Ohio
Ryerson & Son Inc. J T	2558 W 16th St. Chicago 8	Ill
Semi-Alloys Inc	20 McQueston Pkwy. N, Mt. Vernon	NY
Smith, Inc., Herman H.	2326 Nostrand Ave, Brooklyn 10	NY
TEFCO CORP., Adv Pg 500	**28 Willett St. Port Chester**	**NY**
Torrington Co	59 Field St, Torrington	Conn
United Screw & Bolt Corp	3590 W. 58 St, Cleveland 2	Ohio

METAL PARTS—*TRIMMINGS*

Croname, Inc	6247 Howard St, Chicago 48	Ill
Diebel Die & Mfg. Co	6505 W Oakton St. Morton Grove	Ill
General Aviation & Electronics Mfg. Co., Inc	179 Berger St, Woodridge	NJ
Hamilton Watch Co. Industrial Prods Div	Lancaster	Pa
Henry & Miller Industries, Inc	675 Garfield Ave, Jersey City 5	NJ
North & Judd Mfg. Co	500 E. Main St, New Britain	Conn
O & M Tool Die & Mfg. Co	3316 Palisade Ave. Union City	NJ
Ross Co., Milton	239 Jacksonville Rd. Hatboro	Pa
Semi-Alloys Inc	20 McQueston Pkwy. N, Mt. Vernon	NY
United Mineral & Chemical Corp	16 Hudson St. New York 13	NY

METAL PARTS—*TUBULAR*

Bishop & Co., J., Platinum Wks	Malvern	Pa
H & H MACHINE CORP., Adv Pg 458	**Noble & Jackson, Norristown**	**Pa**
Precision Tube Co. Inc	Church & Wissahickon, North Wales	Pa
SUPERIOR TUBE CO., Adv. Pgs. 154, 155	**2504 Germantown Pke. Norristown**	**Pa**
Uniform Tubes, Inc	Collegeville 2	Pa

METAL PLATING SERVICES See PLATING SERVICES
METAL POWDER See METAL DESIRED
METALS See INDIVIDUAL LISTINGS & ALLOYS
METALS—*TEMPERATURE EXPANSION COEFFICIENT* See COEFFICIENT METALS
METAL STYLI See NEEDLES

METALS—*VACUUM-MELTED*

Accurate Specialties Co. Inc	345 Lodi St. Hackensack	NJ
Allegheny Ludlum Steel Corp	2020 Oliver Bldg. Pittsburgh 22	Pa
Alloys Unlimited, Inc	21-03 43rd Ave, Long Island City 1	NY
Anchor Metal Co	966 Meeker Ave. Brooklyn 22	NY
Austenal Co. Div. Howe Sound Co	230 Park Ave. New York 17	NY
Belmont Smelting & Refining Works	332 Belmont Ave, Brooklyn 7	NY
Brait Metallurgical Chemical Co	820 65 Ave, Philadelphia 26	Pa
Cannon-Muskegon Corp	2875 Lincoln St. Muskegon	Mich
CARBORUNDUM CO. REFRACTORIES DIV., Adv Pgs 104, 105	**Perth Amboy**	**NJ**
Carpenter Steel Co	101 W Bern St. Reading	Pa
Cosmic Technological Inc	1028 Connecticut Ave. Washington 6	DC
CRUCIBLE STEEL CO OF AMERICA, Adv. Pgs. 160, 161	**Box 88, Pittsburgh 30**	**Pa**
Driver-Harris Co	202 Middlesex St, Harrison 13	NJ
Engineering Science Div Amer Metal Pdts Co	2601 S State St. Ann Arbor	Mich
Haynes Stellite Co., Div., UCC	1020 W. Park Ave, Kokomo	Ind
King Laboratories, Inc	127 Solar St, Syracuse 3	NY
MRC Mfg. Corp	47 Buena Vista Ave. Yonkers	NY
A.D. Mackay, Inc	198 Broadway, New York 38	NY
NRC Equipment Corp	160 Charlemont St. Newton 61	Mass
Republic Steel Corp	Republic Bldg. Cleveland 1	Ohio
Semi-Alloys Inc	20 McQueston Pkwy. N, Mt. Vernon	NY
SEMI-ELEMENTS INC., Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
Sylvania Elec Prods Inc. Sylcor Div	208-20 Willets Point Blvd. Bayside	NY
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
Var-Lac-Oid Chemical Co	116 Broad St. New York 4	NY
Westinghouse-Materials Mfg Div	Box 128, Blairsville	Pa

METAL-TO-GLASS ALLOYS See ALLOYS—*SPECIAL PURPOSE*
METAL TUBES & SLEEVES See TUBING—*METALLIC*

METEOROLOGICAL EQUIPMENT—*ELECTRONIC* See Also INDICATORS: RADAR: RADIOSONDES: SOUNDING EQUIPMENT

Advance Instrument Corp	F St. Delmar	NJ
Bendix Corporation, Friez Instrument Div	1400 Taylor Ave. Baltimore 4	Md
Control Equipment Corp	19 Kearney Rd. Needham Heights 94	Mass
Geotechnical Corp	3401 Shiloh Rd. Garland	Tex
Kahl Scientific Instrument Corp	737 W Main St. El Cajon	Cal
Rank Cintel Ltd	Worsley Bridge Rd, London S.E. 26, England	
Specialty Electronics Development Corp	115 Eileen Way, Syosset	NY

METER CALIBRATORS See CALIBRATORS—*METER*
METER CASES See HOUSINGS—*METER MOVEMENT*: CASES—*PORTABLE*

METER COIL FORMS

H & H MACHINE CORP., Adv Pg 458	**Noble & Jackson, Norristown**	**Pa**

METER MULTIPLIERS See MULTIPLIERS—*METER*
METERS—*AMMETER* See AMMETERS: VOLT-OHM-MILLIAMMETERS
METERS—*ANGLE* See GONIMETERS

METERS—*ATTENUATION*

Branson Instruments Inc	37 Brown House Rd. Stamford	Conn
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
DAVEN CO., Adv Pg 187	**Rt. 10, Livingston**	**NJ**
FXR INC., Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
Wayne Kerr Corp	1633 Race St. Philadelphia 3	Pa

METERS—*CAPACITANCE* See Also BRIDGES

BALLANTINE LABS. INC., Adv Pg 156	**Boonton**	**NJ**
Canadian Research Institute	85 Curlew Dr. Don Mills	Ont
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
Daystrom Inc. Weston Instruments Div	614 Frelinghuysen Ave. Newark 12	NJ
Epic, Inc	150 Nassau St, New York 38	NY
MacLeod & Hanopol, Inc	10 Roland St. Charlestown 29	Mass
ROHDE & SCHWARZ, USA INC., Adv Pg 403	**Box 275, Passaic**	**NJ**
Wayne Kerr Corp	1633 Race St. Philadelphia 3	Pa

METERS—*CONDUCTIVITY* See INDICATORS—*CONDUCTIVITY*
METERS—*CONTACT-MAKING* See AMMETERS: METERS—*RELAY* VOLTMETERS

METERS—*COUNTING RATE*

Atomic Accessories Inc	811 W. Merrick Rd, Valley Stream	NY
Baird-Atomic Inc	33 University Rd. Cambridge 38	Mass
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
Fischer & Porter Co	476 Warminster Rd, Warminster	Pa
Gyra Electronics Corp	Box 184, La Grange	Ill
Nuclear Chicago Corp	333 E Howard St. Des Plaines	Ill
Nuclear Corp of America	2 Richwood Pl, Denville	NJ
Nuclear Measurements Corp	2463 N Arlington Ave. Indianapolis 18	Ind

METERS - DB

BALLANTINE LABS. INC., Adv Pg 156	**Boonton**	**NJ**
Communication Equipment & Engineering	5648 W. Rice Ave, Chicago	Ill
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
DAVEN CO., Adv Pg 187	**Rt. 10, Livingston**	**NJ**
Daystrom Inc. Weston Instruments Div	614 Frelinghuysen Ave. Newark 12	NJ
Electro-Mechanical Instrument Co	813 Chestnut St. Perkasie	Pa
FXR INC., Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Instrument Laboratories	315 W. Walton Pl, Chicago 10	Ill
Kortlund Co. Inc	Carthage Rd, Westbury	NY
Meters, Inc	5353 N Keystone Ave. Indianapolis 20	Ind
Orion Electronic Corp	100 Columbus Ave. Tuckahoe	NY
Precision Apparatus Co., Inc	70-31 84 St, Glendale 27	NY
Simpson Electric Co., Div., American Gage & Machine Co	5218 W. Kinzie St. Chicago 44	Ill
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
Trac Line Inc	35 S St. Clair St. Dayton 2	Ohio
Wayne Kerr Corp	1633 Race St. Philadelphia 3	Pa

METERS-DENSITOMETER See DENSITOMETERS
METERS—*DEPTH* See DEPTH SOUNDERS
METERS—*DEVIATION* See BRIDGES—*DEVIATION*
METERS—*DISTORTION* See ANALYZERS—*DISTORTION*
METERS—*ELAPSED TIME* See TIMERS
METERS—*ELECTROMETER* See ELECTROMETERS
METERS—*EXPOSURE* See METERS—*LIGHT*

METERS—*FIELD-STRENGTH*

Barker & Williamson Inc	Canal & Beaver Sts. Bristol	Pa
Benco Television Associates, Ltd	27 Taber Rd. Rexdale, Ont	Can
Canadian Research Institute	85 Curlew Dr. Don Mills	Ont
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
DYNA-EMPIRE INC., Adv Pg 514	**1075 Stewart Ave. Garden City**	**NY**
Ferris Instrument Co	110 Cornelia St, Boonton	NJ
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
KYORITSU ELECTRICAL WORKS LTD., Adv Pg 260	**551, 4-Chome, Koenji Suginami-ku Tokyo**	**Jap**
Magnaflux Corp	7328 W Lawrence Ave. Chicago 31	Ill
Multitone Electronics Ltd	131 Martin St. Toronto	Can
POLARAD ELECTRONICS CORP, Adv Pg 269-272	**43-20 34 St. Long Island City 1**	**NY**
Republic Electronic Industries Corp	111 Gazza Blvd. Farmingdale	NY
ROHDE & SCHWARZ, USA INC., Adv Pg 403	**Box 275, Passaic**	**NJ**
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
STODDART AIRCRAFT RADIO CO. INC., Adv Pgs 455, 456	**6644 Santa Monica Blvd. Hollywood 38**	**Cal**

METERS—*FLOW* See INDICATORS—*FLUID-FLOW*
METERS—*FLUTTER* See METERS—*WOW & FLUTTER*
METERS—*FLUX* See FLUXMETERS

METERS—*F-M DEVIATION*

A.R.F. Products, Inc	7627 Lake St, River Forest	Ill
Browning Labs., Inc	100 Union Ave, Laconia	NH
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
Gertsch Products, Inc	3211 S. La Cienega, Los Angeles 16	Cal
LAMPKIN LABORATORIES, INC. Adv Pg 485	**Bradenton**	**Fla**
LAVOIE LABORATORIES INC., Adv Pg 312	**Morganville**	**NJ**
Motorola Communication & Electronics, Inc	4501 Augusta Blvd. Chicago 51	Ill
New London Instrument Co	82 Union St. New London	Conn
Pitometer Log Corp	237 Lafayette St, New York 12	NY
Radio Specialty Mfg. Co	2023 S.E. Sixth Ave, Portland 14	Ore

RONDE & SCHWARZ, USA INC., Adv Pg 403	Box 275, Passaic	NJ
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
Waltham Electronics Corp	751 Main St. Waltham 54	Mass

METERS –*FOOTCANDLE* See METERS –*LIGHT*

METERS –*FREQUENCY*

1. A-F 2. R-F 3. R-F, GRID-DIP 4. VIBRATING REED

Airmec Ltd., 1	High Wycombe, Buckinghamshire	Eng
AIRPAX ELECTRONICS INC. SEMINOLE DIV., 1, Adv Pg 116	Fort Lauderdale	Fla
Allied Radio Corp., 3	100 N. Western Ave. Chicago 80	Ill
American Machine & Foundry Co., 1	1025 N Royal St. Alexandria	Va
American Machine & Foundry Co., Government Products Group, 1	1701 K St, N.W., Washington 6	DC
AMADEX INSTRUMENTS, INC., 1, Adv Pg 435	14734 Arminta St. Van Nuys	Cal
Barker & Williamson Inc., 1	Canal & Beaver Sts. Bristol	Pa
Biddle Co., James G., 4	1316 Arch St, Philadelphia 7	Pa
Borg-Warner Controls, Div. Borg-Warner Corp., 2	3300 Newport Blvd. Santa Ana	Cal
BUDD STANLEY CO. INC., 2, Adv Pg 313	175 Eileen Way, Syosset	NY
BUDELMAN ELECTRONICS CORP., 2, Adv Pg 167	375 Fairfield Ave. Stamford	Conn
Canadian Research Institute, 4	85 Curlew Dr. Don Mills	Ont
Computer-Measurements Co., 1-2	12970 Bradley Ave. Sylmar	Cal
DAVEN CO., 1-2, Adv Pg 187	Rt. 10, Livingston	NJ
Dero Research & Dev. Corp., 2	Broadway & Park Ave. Huntington	NY
Diamond Antenna & Microwave Corp., 2	River St. Winchester	Mass
Dymec Div. Hewlett-Packard Co., 1	395 Page Mill Rd. Palo Alto	Cal
Dytronics, 1	Box 3676, Columbus 14	Ohio
ELECTRO IMPULSE LAB. INC., 2, Adv Pg 357	208 River St. Red Bank	NJ
Electronic Applications Inc., 2	194 Richmond Hill Ave. Stamford	Conn
Epsco Medical Div. Epsco Inc., 1	275 Mass Ave. Cambridge 39	Mass
FXR INC., 2, Adv Pgs 100, 101	25-26 50th St. Woodside 77	NY
Federal Scientific Corp., 1-2	615 W. 131 St, New York 27	NY
Fork Standards Inc., 4	1915 N Harlem Ave. Chicago 35	Ill
Frequency Standards, Div., Harvard Industries, Inc., 2	P.O. Box 504, Asbury Park	NJ
General Communication Co., 2	677 Beacon St, Boston 15	Mass
General Microwave Corp., 2	47 Gazza Blvd. Farmingdale	NY
General Radio Co., 1	West Concord	Mass
Gertsch Products, Inc., 2	3211 S. La Cienega, Los Angeles 16	Cal
Gombos Co. Inc. John, 2	Webro Rd. Clifton	NJ
Gray Mfg. Co., 2	Dept 67, 16 Arbor St. Hartford 1	Conn
Heath Co. A Sub of Daystrom, Inc., 2-3	Benton Harbor	Mich
Helipot Div. Beckman Instruments Inc., 1	2500 Harbor Blvd. Fullerton	Cal
HEWLETT-PACKARD CO., 1, Adv Pgs 19-34	1501 Page Mill Rd. Palo Alto	Cal
Hickok Electrical Instrument Co., 1-2-3	10532 Dupont Ave. Cleveland 8	Ohio
Ideal Precision Meter Co. Inc., 2	214 Franklin St. Brooklyn 22	NY
International Crystal Mfg Co., 2	18 N Lee St. Oklahoma City	Okla
INTERNATIONAL INSTRUMENTS INC., 2, Adv Pgs 530, 531	P. O. Box 2954, New Haven 15	Conn
Intl. Tel. & Tel. Corp. Ind. Prods. Div., 1-2	15191 Bledsoe St. San Fernando	Cal
J-B-T INSTRUMENTS INC., 4, Adv Pgs 133, 134	133 Hamilton St. New Haven 8	Conn
Jerrold Electronics Corp., 2	15th & Lehigh, Philadelphia 32	Pa
KYORITSU ELECTRICAL WORKS LTD., 2-3, Adv Pg 260	551, 4-Chome, Koenji Suginami-ku Tokyo	Jap
LAMPKIN LABORATORIES, INC., 2 Adv Pg 485	Bradenton 1	Fla
LAVOIE LABORATORIES INC., 1-2, Adv Pg 312	Morganville	NJ
Lumen, Inc., 1	Box 905, Joliet	Ill
MARCONI INSTRUMENTS, 2 Adv Pgs 401, 402	111 Cedar La, Englewood	NJ
Measurements A McGraw-Edison Div., 2-3	Boonton	NJ
Microwave Associates, Inc., 2	Burlington	Mass
Microwave Dynamics Corp., 2	5 Fairchild Ct. Plainview	NY
Millen Mfg. Co., James, 2-3	150 Exchange St. Malden	Mass
Minn Honeywell, Precision Meter Div., 4	Grenier Field, Manchester	NH
Motorola Communication & Electronics Inc., 2	4501 Augusta Blvd. Chicago 51	Ill
National Electronics, 1-2-4	P.O. Box 1237, Sheridan	Wyo
NORTHEASTERN ENGINEERING INC., 2, Adv Pgs 289-292	Box 150, Manchester	NH
NORTHERN RADIO CO. INC., 1, Adv Pgs 137-139	143-145 W 22 St. New York	NY
PANORAMIC ELECTRONICS, INC., 1-2 Adv Pg 449	520 S Fulton Ave. Mt Vernon	NY
Phaostron Instrument & Electronic Co., 4	151 Pasadena Ave. South Pasadena	Cal
Philco Corp. Govt & Ind Div., 2	4700 Wissahickon Ave. Phila 44	Pa
Radio Corp of America, Electron Tube Div., 1	415 S 5th St. Harrison	NJ
RONDE & SCHWARZ, USA Inc., 1-2, Adv Pg 403	Box 275, Passaic	NJ
Seco Electronics Inc., 2	5015 Penn Ave. S, Minneapolis 19	Minn
SENSITIVE RESEARCH INSTRUMENT CORP., 1, Adv Pg 109	310 Main St. New Rochelle	NY
Sigma Electronics Research Corp., 2	15735 Ambaum Blvd. Seattle 6	Wash
SOLID STATE ELECTRONICS CO., 1 Adv Pg 238	Dept. E, 15321 Rayen St. Sepulveda	Cal
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
Sticht Co., Inc., Herman H., 4	27 Park Pl, New York 7	NY
Sun Electric Co., 1-2	6323 Avondale St. Chicago 31	Ill
Sunshine Scientific Instrument, 4	1810 Grant Ave. Philadelphia 15	Pa
TRG Inc., 2	9 Union Sq. Somerville	Mass
TECHNICAL MATERIEL CORP., 2, Adv Pg 346	700 Fenimore Rd. Mamaroneck	NY
TELERAD DIV. LIONEL CORP., 2, Adv Pgs 220, 221	Rt 69, Flemington	NJ
Voltron Products, 1	1020 S. Arroyo Pkwy, Pasadena	Cal
Waveline, Inc., 2	P.O. Box 718, Caldwell	NJ
Wayne Kerr Corp	1633 Race St. Philadelphia 3	Pa
Westinghouse-Instrument Dept., 1	Newark	NJ

METERS –*GAUSSMETERS* See GAUSSMETERS

METERS –*GRID-DIP*

Barker & Williamson	Canal & Beaver Sts, Bristol	Pa
BOONTON ELECTRONICS CORP., Adv Pg 212	738 Speedwell Ave. Morris Plains	NJ
Heath Co. A Sub of Daystrom, Inc	Benton Harbor	Mich
Measurements A McGraw-Edison Div	Boonton	NJ
Millen Mfg. Co., James	150 Exchange St, Malden	Mass
Precision Apparatus Co., Inc	70-31 84 St, Glendale 27	NY

METER SHUNTS See SHUNTS

METERS –*IMPEDANCE* See BRIDGES: DETECTORS –*STANDING-WAVE*: SLOTTED SECTIONS
METERS –*INTERFEROMETERS* See INTERFEROMETERS
METERS –*INTERMODULATION* See ANALYZERS –*INTERMODULATION*
METERS –*LIGHT INTENSITY* See PHOTOMETERS

METERS –*LIGHT & PHOTOGRAPHIC EXPOSURE*

BURKE & JAMES INC., Adv Pg 553	321 S Wabash Ave. Chicago 4	Ill
Daystrom Inc. Weston Instruments Div	614 Frelinghuysen Ave. Newark 12	NJ
DeJUR-AMSCO CORP., Adv Pg 369	Northern Blvd at 45 St. L I City 1	NY
Electro-Physics Co	287 Broadway, New York 7	NY
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	1 River Rd. Schenectady 5	NY
Hickok Electrical Instrument Co	10532 Dupont Ave. Cleveland 8	Ohio
National Electronics	P.O. Box 1237, Sheridan	Wyo
Phillips Electronics Mfg Co	119 Allen Blvd. Farmingdale	NY
SERVO CORP OF AMERICA, Adv Pg 314	111 New South Rd. Hicksville	NY
Welch Scientific Co	1515 Sedgwick St. Chicago 10	Ill

METERS –*MAGNETIC FIELD INTENSITY* See FLUXMETERS
METERS –*MAGNETIC FORCE* See MAGNETOMETERS

METERS –*MINIATURE*

ALCO ELECTRONIC PRODUCTS, INC., Adv Pg 548	3 Wolcott Ave. Lawrence 33	Mass
Beede Electrical Inst Co., Inc	Penacook	NH
Canadian Research Institute	85 Curlew Dr. Don Mills	Ont
DeJUR-AMSCO CORP., Adv Pg 369	Northern Blvd at 45 St. L I City 1	NY
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	1 River Rd. Schenectady 5	NY
Helipot Div. Beckman Instruments Inc	2500 Harbor Blvd. Fullerton	Cal
Hickok Electrical Instrument Co	10532 Dupont Ave. Cleveland 8	Ohio
INTERNATIONAL INSTRUMENTS INC., Adv Pgs 530, 531	P. O. Box 2954, New Haven 15	Conn
Minn Honeywell, Precision Meter Div	Grenier Field, Manchester	NH
Sun Electric Co	6323 Avondale St. Chicago 31	Ill
Wac Line, Inc	35 S. St. Clair St, Dayton 2	Ohio
Westinghouse-Instrument Dept	Newark	NJ

METERS –*MODULATION*

Advanced Measurement Instruments Inc	109 Dover St. Somerville 44	Mass
Airmec Ltd	High Wycombe, Buckinghamshire, England	
Amerac, Inc	Dunham Rd, Beverly	Mass
Avtron Mfg. Inc	10409 Meech St. Cleveland	Ohio
BUDELMAN ELECTRONICS CORP., Adv Pg 167	375 Fairfield Ave. Stamford	Conn
Daystrom Inc. Weston Instruments Div	614 Frelinghuysen Ave. Newark 12	NJ
Dero Research & Dev. Corp	Broadway & Park Ave. Huntington	NY
General Radio Co	West Concord	Mass
Helipot Div. Beckman Instruments Inc	2500 Harbor Blvd. Fullerton	Cal
Hickok Electrical Instrument Co	10532 Dupont Ave. Cleveland 8	Ohio
KYORITSU ELECTRICAL WORKS LTD., Adv Pg 260	551, 4-Chome, Koenji Suginami-ku Tokyo	Jap
LAMPKIN LABORATORIES, INC Adv Pg 485	Bradenton 1	Fla
MARCONI INSTRUMENTS Adv Pgs 401, 402	111 Cedar Lane, Englewood	NJ
New London Instrument Co	P.O. Box 189, New London	Conn
Sun Electric Co	6323 Avondale St. Chicago 31	Ill
United Mfg. Co. Div. Maxson Electronics Corp	41 Harg St. Hamden 14	Conn
Waltham Electronics Corp	751 Main St, Waltham 54	Mass

METERS –*MOISTURE, ELECTRONIC* See INDICATORS –*MOISTURE*
METERS –*MULTIRANGE* See VOLT-OHM-MILLIAMMETERS
METERS –*NULL* See INDICATORS –*NULL*
METERS – OHMMETERS See OHMMETERS: VOLTMETERS –*ELECTRONIC*

METERS –*OUTPUT*

Amerac, Inc	Dunham Rd, Beverly	Mass
American Machine & Foundry Co., Government Products Group	1701 K St, N.W., Washington 6	DC
Canadian Research Institute	85 Curlew Dr. Don Mills	Ont
DAVEN CO., Adv Pg 187	Rt. 10, Livingston	NJ
Dawe Instruments Ltd	Harlequin Ave. Brentford, Mddx	Eng
Daystrom Inc. Weston Instruments Div	614 Frelinghuysen Ave. Newark 12	NJ
DeJUR-AMSCO CORP., Adv Pg 369	Northern Blvd. at 45th St. Long Island City 1	NY
General Radio Co	West Concord	Mass
Gotham Audio Corp	2 W 46 St. New York 36	NY
Helipot Div. Beckman Instruments Inc	2500 Harbor Blvd. Fullerton	Cal
Hickok Electrical Instrument Co	10532 Dupont Ave. Cleveland 8	Ohio
Instrument Laboratories	315 W. Walton Pl, Chicago 10	Ill
Measurements A McGraw-Edison Div	Boonton	NJ
Meters, Inc	5353 N Keystone Ave. Indianapolis 20	Ind
Precision Apparatus Co., Inc	70-31 84 St, Glendale 27	NY
Simpson Electric Co., Div., American Gage & Machine Co	5218 W. Kinzie St, Chicago 44	Ill
Sun Electric Co	6323 Avondale St. Chicago 31	Ill

METERS –*PANEL* See AMMETERS: GALVANOMETERS: METERS – D-B: METERS – VU: OHMMETERS: VOLTMETERS: WATTMETERS
METERS –*PERMEABILITY* See FERMEAMETERS
METERS –pH See INDICATORS –pH

METERS –*PHASE ANGLE*

AD-YU ELECTRONICS LAB. INC., Adv Pg 522	249-259 Terhune Ave. Passaic	NJ
Airmec Ltd	High Wycombe, Buckinghamshire	Eng
Canadian Research Institute	85 Curlew Dr. Don Mills	Ont
Computer-Measurements	12970 Bradley Ave. Sylmar	Cal
CONTROL ELECTRONICS CO. INC., Adv Pg 444	10 Stepar Pl. Huntington Sta	NY
Dawe Instruments Ltd	Harlequin Ave. Brentford, Mddx	Eng
Daystrom Inc., Weston Instruments Div	614 Frelinghuysen Ave, Newark 12	NJ
Dytronics	P.O. Box 3676, Columbus 14	Ohio
Eastern Specialty Co	Philadelphia 40	Pa
General Radio Co	West Concord	Mass
Gertsch Products, Inc	3211 S. La Cienega, Los Angeles 16	Cal
Maxson Electronics Corp	475 10th Ave. New York 18	NY
Metellog Corp	169 N. Halstead St, Pasadena	Cal
Muirhead & Co., Ltd	Beckenham, Kent, England	
Nilsen Mfg. Co	P O Box 127, Haines City	Fla
NORTH ATLANTIC INDUSTRIES INC., Adv Pg 344	Terminal Dr. Plainview	NY
Orion Electronic Corp	108 Columbus Ave. Tuckahoe	NY
RONDE & SCHWARZ, USA INC., Adv Pg 403	P.O. Box 275, Passaic	NJ
Solartron, Inc	1742 S. Zeyn St, Anaheim	Cal
Statham Instruments Inc	12401 W Olympic Blvd. Los Angeles 64	Cal
Sun Electric Co	6323 Avondale St. Chicago 31	Ill
TECHNOLOGY INSTRUMENT CORP., Adv Pgs 83, 86	533 Main St. Acton	Mass
TECHNOLOGY INSTRUMENT CORP. OF ACTON, Adv Pgs 84, 85	536 Main St. Acton	Mass
Theta Instrument Corp	520 Victor St, Saddle Brook	NJ
Westinghouse-Instrument Dept	Newark	NJ
Wiltron Co	717 Loma Verde Ave. Palo Alto	Cal
Wintronics	213 S Hawthorne Blvd. Hawthorne	Cal

METERS –*PHOTOFLASH LIGHT OUTPUT*

BURKE & JAMES INC., Adv Pg 553	321 S Wabash Ave. Chicago 4	Ill
Sun Electric Co	6323 Avondale St. Chicago 31	Ill

METERS –*POWER* See WATTMETERS: *See Also:* BOLOMETERS: CALORIMETERS

METERS –*POWER FACTOR*

AVNET INSTRUMENT CORP., Adv Pgs 331, 364	70 State St. Westbury	NY
Canadian Research Institute	85 Curlew Dr. Don Mills	Ont
Daystrom Inc. Weston Instruments Div	614 Frelinghuysen Ave. Newark 12	NJ
Epic, Inc	150 Nassau St, New York 38	NY
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	1 River Rd. Schenectady 5	NY
Hickok Electrical Instrument Co	10532 Dupont Ave. Cleveland 8	Ohio
National Electronics	P.O. Box 1237, Sheridan	Wyo
NORTH ATLANTIC INDUSTRIES INC., Adv Pg 344	Terminal Dr. Plainview	NY
PHYSICS RESEARCH LABS. INC., Adv Pg 478	Box 555, Hempstead	NY
Solartron, Inc	1742 S. Zeyn St, Anaheim	Cal
Sun Electric Co	6323 Avondale St. Chicago 31	Ill
Voltron Products	1020 S. Arroyo Pkwy, Pasadena	Cal
Westinghouse-Instrument Dept	Newark	NJ

METERS –*POWER-LEVEL*

1. A-F 2. ELECTRONIC 3. MICROWAVE 4. R-F

AIRBORNE INSTRUMENTS LAB. DIV. CUTLER-HAMMER INC., 3, Adv Pg 151	Comac Rd. Deer Park	NY
Airtec, Inc., 3	139 E. First Ave, Roselle	NJ
Airtronics International Corp., 3	Box 8576, Fort Lauderdale	Fla
Amerac, Inc., 3	Dunham Rd, Beverly	Mass
Applied Control Corp., 2	1000 Main St. Hackensack	NJ
BALLANTINE LABS. INC., 1-2, Adv Pg 156	Boonton	NJ
Benco Television Associates, Ltd., 4	27 Taber Rd, Rexdale, Ontario, Canada	
BIRD ELECTRONIC CORP., 4, Adv Pg 239	30303 Aurora Rd. Cleveland 39	Ohio
Bruno-New York Industries Corp., 3-4	460 W 34th St. New York 1	NY
BUDD STANLEY CO. INC., 3, Adv Pg 313	175 Eileen Way, Syosset	NY
CWS Waveguide Corp., 3	301 W Hoffman Ave. Lindenhurst	NY
Clough Brengle Co., 1-2	6014 N Broadway, Chicago	Ill
Consolidated Electrodynamics Corp., 2	360 N Sierra Madre Villa, Pasadena	Cal
CONTROL ELECTRONICS CO. INC., 3-4, Adv Pg 444	10 Stepar Pl. Huntington Sta	NY
CUBIC CORP., 3, Adv Pgs 329, 330	5575 Kearny Villa Rd. San Diego 11	Cal
DAVEN CO., 1-2-4, Adv Pg 187	Rt. 10, Livingston	NJ
Daystrom Inc. Weston Instruments Div., 1	614 Frelinghuysen Ave. Newark 12	NJ
Decitron Electronics Corp., 3-4	850 Shephard Ave. Brooklyn 8	NY
DeMORNAY-BONARDI CORP., 3, Adv. Pgs. 178, 179	780 S Arroyo Pkwy. Pasadena	Cal
DOUGLAS MICROWAVE CO. INC., 3, Adv Pg 235	252 E 3rd St. Mt Vernon	NY
ELECTRO IMPULSE LAB. INC., 3-4, Adv Pg 357	208 River St. Red Bank	NJ
Electromagnetic Technology Corp., 3	1375 California Ave. Palo Alto	Cal
FXR INC., 3-4, Adv Pgs 100, 101	25-26 50th St. Woodside 77	NY
General Communication Co., 3	677 Beacon St, Boston 15	Mass
GENERAL METERS INC., 1-2-4, Adv Pgs 374, 375	Box 1701, Grand Junction	Colo
General Microwave Corp., 2-3-4	47 Gazza Blvd. Farmingdale	NY
General Radio Co., 2	West Concord	Mass
Gombos Co. Inc. John, 3	Webro Rd. Clifton	NJ
Heath Co., A Sub of Daystrom, Inc., 4	Benton Harbor	Mich
Helipot Div. Beckman Instrument Inc., 1-4	2500 Harbor Blvd. Fullerton	Cal
HEWLETT-PACKARD CO., 3-4, Adv Pgs 19-34	1501 Page Mill Rd. Palo Alto	Cal
Hickok Electrical Instrument Co., 1-2-4	10532 Dupont Ave. Cleveland 8	Ohio
INDUSTRIAL TEST EQUIPMENT CO., 1-2, Adv Pg 422	55 E 11th St. New York 3	NY
Instrument Laboratories, 2	315 W. Walton Pl, Chicago 10	Ill
JONES ELECTRONICS CO INC, M C, SUB BENDIX CORP, 4 Adv Pg 131	185 N Main St. Bristol	Conn
Manufacturers Engineering & Equipment Corp., 2	York & Sunset Ln, Hatboro	Pa
MARCONI INSTRUMENTS, 1-4 Adv Pgs 401, 402	111 Cedar Ln, Englewood	NJ
Microwave Associates, Inc., 3	Burlington	Mass
Microwave Dynamics Corp., 3-4	5 Fairchild Ct. Plainview	NY
Microwave Semiconductor & Inst. Inc., 3	116-06 Myrtle Ave. Richmond Hill 18	NY
Mobil Electronics, Inc., 4	1111 State Rd 67E, Anderson	Ind
Narda Microwave Corp., 3	Plainview	NY
NORTHERN RADIO CO. INC., 2, Adv Pgs 137-139	143-145 W 22nd St. New York 11	NY
Orion Electronic Corp., 2-3	108 Columbus Ave. Tuckahoe	NY
PRD ELECTRONICS, INC., 3, Adv. Pgs. 113-116	202 Tillary St. Brooklyn 1	NY
Pace Electrical Instruments Co. Inc., 1	70-31 84 St. Glendale 27	NY
PANORAMIC ELECTRONICS, INC., 1-2-3-4 Adv Pg 449	520 S Fulton Ave. Mt Vernon	NY
Philco Corp. Govt & Ind Div., 2-3-4	4700 Wissahickon Ave. Phila 44	Pa
Phillips Electronics Mfg Co., 4	119 Allen Blvd. Farmingdale	NY
POLARAD ELECTRONICS CORP., 3 Adv Pg 269-272	43-20 34 St. Long Island City 1	NY
RADAR MEASUREMENTS CORP., 3-4 Adv Pg 516	190 Duffy Ave. Hicksville	NY
RAWSON ELECTRICAL INSTRUMENT CO., 1-4, Adv Pg 446	111 Potter St. Cambridge 42	Mass
RIXON ELECTRONICS INC., 4, Adv Pg 412	2414 Reedie Dr. Silver Spring	Md
SHIMADA PHYSICAL & CHEMICAL INDUSTRIAL CO., 3 Adv Pg 258	415 Shibazakicho.chofu-city, Tokyo	Jap
SIERRA ELECTRONIC CORP., 2-3 Adv Pgs 128, 129	3885 Bohannon Dr. Menlo Park	Cal
Sigma Electronics Research Corp., 3	15735 Ambaum Blvd. Seattle 6	Wash
Simpson Electric Co., Div., American Gage & Machine Co., 1	5218 W. Kinzie St, Chicago 44	Ill

[illegible] Electronics Development Corp., 3 — [illegible], Syosset — NY
Sperry Microwave Electronics Co., 2-3 — Box 1828, Clearwater — Fla
Stark Electronic Instruments Ltd., 2 — Box 670, Ajax — Ont
Sun Electric Co., 1-2-3-4 — 6323 Avondale St. Chicago 31 — Ill
TELERAD DIV. LIONEL CORP., 3, Adv Pgs 220, 221 — **Rt 69, Flemington** — **NJ**
[illegible] Corp., 1-2 — [illegible] Lyndale Ave S., Minneapolis [illegible] — Minn
Thompson Fiber Glass Co., H.I., 2 — 1733 Cordova St., Los Angeles 7 — Cal
Victor R.F. & Microwave Co., 3 — [illegible] Water St. Wakefield — Mass
Vac Line, Inc., 1-4 — 35 S. St. Clair St, Dayton 2 — Ohio
[illegible], Inc., 1-2 — 353 6th Ave. New York 14 — NY
Wayne Kerr Corp., 1-2-3 — 1633 Race St. Philadelphia 3 — Pa
WEINSCHEL ENGINEERING CO., INC., 3-4, Adv Pg 51-54, 55 — **10503 Metropolitan Ave, Kensington** — **Md**
Westinghouse-Instrument Dept., 1 — Newark — NJ

METERS – Q
Alpha Instrument Co — 43 [illegible] St, New London — Conn
BOONTON RADIO CORP., Adv Pg 282 — **50 Intervale Rd. Boonton** — **NJ**
Canadian Research Institute — 85 Curlew Dr. Don Mills — Ont
GENERAL METERS INC., Adv Pgs 374, 375 — **Box 1701, Grand Junction** — **Colo**
General Microwave Corp — 47 Gazza Blvd. Farmingdale — NY
Heath Co., A Sub of Daystrom, Inc — Benton Harbor — Mich
MARCONI INSTRUMENTS Adv Pgs 401, 402 — **111 Cedar La, Englewood** — **NJ**
Narda Microwave Corp — Plainview — NY
Republic Electronic Industries Corp — 111 Gazza Blvd, Farmingdale — NY
Stark Electronic Instruments Ltd — Box 670, Ajax — Ont
Sun Electric Co — 6323 Avondale St. Chicago 31 — Ill
Victor R.F. & Microwave Co — 38 W Water St. Wakefield — Mass
Wayne Kerr Corp — 1633 Race St. Philadelphia 3 — Pa

METERS – *RADIATION, NUCLEAR* See COUNTERS – *NUCLEAR;* CHAMBERS – *IONIZATION;* DOSIMETERS
METERS – *RATE* See METERS – *COUNTING RATE*
METERS – *RATIOMETERS* See RATIOMETERS

METERS – *REFLECTION, PHOTOELECTRIC*
BURKE & JAMES INC., Adv Pg 553 — **321 S Wabash Ave. Chicago 4** — **Ill**
Canadian Research Institute — 85 Curlew Dr. Don Mills — Ont
Electro-Physics Co — 287 Broadway, New York 7 — NY
[illegible] Instrument Co. Inc — Box 683, [illegible] — NY
[illegible] Electronics Co — 253 E. 3rd St, Mt. Vernon — NY
Sun Electric Co — 6323 Avondale St. Chicago 31 — Ill
Welch Scientific Co — 1515 Sedgwick St. Chicago 10 — Ill

METERS – *RELAY*
Assembly Products, Inc — 75 Wilson Mills Rd. Chesterland 6 — Ohio
Daystrom Inc. Weston Instruments Div — 614 Frelinghuysen Ave. Newark 12 — NJ
GENERAL METERS INC., Adv Pgs 374, 375 — **Box 1701, Grand Junction** — **Colo**
[illegible] Co — 88 Madison Ave. Hempstead — NY
National Electronics — Box 1237, Sheridan — Wyo
Phaostron Instrument & Electronic Co — 151 Pasadena Ave. South Pasadena — Cal
Simpson Electric Co. Div. American Gage & Machine Co — 5218 W Kinzie St. Chicago 44 — Ill
Sun Electric Co — 6323 Avondale St. Chicago 31 — Ill
Varitron Products Co — [illegible] S Arroyo Pkwy. Pasadena — Cal

METERS-RPM See TACHOMETERS
METERS – *RUNNING TIME* See TIMERS – *MOTOR-OPERATED, RUNNING TIME*

METERS – *SOUND LEVEL, ACOUSTIC*
B & K Instruments Inc of Bruel & Kjaer — [illegible] St. Cleveland 1 — Ohio
Beede Electrical Instrument Co. Inc — Penacook — NH
Bruel & Kjaer Instruments Inc — 37 Brown House Rd. Stamford — Conn
Bruel & Kjaer — Lindevej 23, Naerum — Denmark
Dawe Instruments Ltd — Harlequin Ave. Brentford, Mddx — Eng
Daystrom Inc. Weston Instruments Div — 614 Frelinghuysen Ave. Newark 12 — NJ
DuJUR-AMSCO CORP., Adv Pg 369 — **Northern Blvd. at 45th St. Long Island City 1** — **NY**
EMI-Cossor Electronics Ltd — Box 525 Dartmouth NS — Can
Erwood Inc — 177 Burton Ave, Chicago 13 — Ill
GENERAL METERS INC., Adv Pgs 374, 375 — **Box 1701, Grand Junction** — **Colo**
General Radio Co — West Concord — Mass
Helipot Div. Beckman Instruments Inc — 2500 Harbor Blvd. Fullerton — Cal
Kolfund Co. Inc — Cantiague Rd. Westbury — NY
Pace Electrical Instruments Co. Inc — 70-31 84 St. Glendale 27 — NY
Radiometer — 72 Emdrupvej, Copenhagen NV 1, Denmark
Robins Industries Corp — 36-27 Prince St. Flushing 54 — NY
ROHDE & SCHWARZ, USA INC., Adv Pg 483 — **P.O. Box 275, Passaic** — **NJ**
Scott Inc., H. H. — 111 Powder Mill Rd. Maynard — Mass
Sun Electric Co — 6323 Avondale St. Chicago 31 — Ill
Triplett Elec Instrument Co — Harmon Rd, Bluffton — Ohio

METERS – *SPEED, AUTO*
1. *ELECTRONIC TIMING* 2. *RADAR*
American Elite, Inc. (Telefunken), 2 — 48-50 34 St. Long Island City 1 — NY
Computer Equipment Corp., 1 — 11612 W Olympic Blvd. Los Angeles 64 — Cal
Computer Measurements Co., 1 — 12970 Bradley Ave. Sylmar — Cal
Eastern Industries, 2 — 100 Skiff St, Hamden — Conn
ERIE-PACIFIC DIV. OF ERIE RESISTOR CORP., 1, Adv Pg 206 — **12932 S Weber Way, Hawthorne** — **Cal**
General Microwave Corp., 2 — 47 Gazza Blvd. Farmingdale — NY
I-L-S Instrument Div., Weston Instrument Co., 1 — [illegible], Cleveland 35 — Ohio
Larson Instrument Co., 1 — Greenbush Rd. Orangeburg — NY
Performance Measurements Co., 1 — 15670 Third Ave, Detroit 3 — Mich
Spectra Electronics Co., 1 — 253 E. 3rd St, Mt. Vernon — NY
Sun Electric Co., 1-2 — 6323 Avondale St. Chicago 31 — Ill
Ulmer Co., H. W., 1 — 2941 San Luis Rey Rd. Oceanside — Cal
U. S. Instrument Corp., 1 — Box 128BG, Charlottesville — Va
Video Corp of America, 1 — 261 Madison Ave. New York 16 — NY
Westport Electric, 1 — 149 Lomita St. El Segundo — Cal

METERS – *STANDING WAVE* See DETECTORS – *STANDING WAVE*

METERS – *TENSION*
Electromatic Equipment Co — 175 Hanson Ave, Brooklyn 12 — NY
INDUSTRIAL WINDING MACHINERY CORP., Adv Pg 563 — **Box 744, Church St. Sta. New York 8** — **NY**

Sun Electric Co — 6323 Avondale St. Chicago 31 — Ill
Thwing-Albert, Inc — Harvard — Mass
Vac Line, Inc — 35 S. St. Clair St, Dayton 2 — Ohio

METERS – *THERMOCOUPLE*
Assembly Products, Inc — 75 Wilson Mills Rd, Chesterland 6 — Ohio
Bailey Meter Co — 1050 Ivanhoe Rd. Cleveland 10 — Ohio
Canadian Research Institute — 85 Curlew Dr. Don Mills — Ont
Daystrom Inc. Weston Instruments Div — 614 Frelinghuysen Ave. Newark 12 — NJ
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9 — **1 River Rd. Schenectady 5** — **NY**
Helipot Div. Beckman Instruments Inc — 2500 Harbor Blvd. Fullerton — Cal
Ideal Precision Meter Co. Inc — 214 Franklin St. Brooklyn 22 — NY
LEWIS ENGINEERING CO Adv Pg 482 — **52 Rubber Ave, Naugatuck** — **Conn**
Meters, Inc — 5353 N Keystone Ave. Indianapolis 20 — Ind
National Electronics — Box 1237, Sheridan — Wyo
RAWSON ELECTRICAL INSTRUMENT CO., Adv Pg 446 — **111 Potter St. Cambridge 42** — **Mass**
Simpson Electric Co., Div., American Gage & Machine Co — 5218 W. Kinzie St, Chicago 44 — Ill
Stark Electronic Instruments Ltd — Box 670, Ajax — Ont
Sun Electric Co — 6323 Avondale St. Chicago 31 — Ill
Taylor Instrument Cos — 95 Ames St. Rochester — NY
Thermovolt Instruments Ltd — 70 Advance Rd. Toronto 18 — Ont
West Instrument Corp — 4363 W Montrose Ave. Chicago 41 — Ill
Westinghouse-Instrument Dept — Newark — NJ

METERS – *VIBRATION* See INDICATORS – *VIBRATION*
METERS – *VISCOSITY* See INDICATORS – *VISCOSITY*
METERS – *VOLTAGE RATIO* See VOLTMETERS
METERS – *VOLT-OHM, ELECTRONIC* See VOLTMETERS – *VACUUM TUBE*
METERS – *VOLT-OHM-MILLIAMMETERS* See VOLT-OHM-MILLIAMMETERS

METERS – VU
Assembly Products, Inc — 75 Wilson Mills Rd, Chesterland 6 — Ohio
DAVEN CO., Adv Pg 187 — **Rt. 10, Livingston** — **NJ**
Daystrom Inc. Weston Instruments Div — 614 Frelinghuysen Ave. Newark 12 — NJ
DuJUR-AMSCO CORP., Adv Pg 369 — **Northern Blvd at 45 St. L I City 1** — **NY**
GENERAL METERS INC., Adv Pgs 374, 375 — **P.O. Box 1701, Grand Junction** — **Colo**
Gotham Audio Corp — 2 W 46 St. New York 36 — NY
Helipot Div. Beckman Instruments Inc — 2500 Harbor Blvd. Fullerton — Cal
HOYT ELECTRICAL INSTRUMENT WORKS INC., Adv Pg 414 — **42 Carleton St. Cambridge 42** — **Mass**
Ideal Precision Meter Co., Inc — 214 Franklin St, Brooklyn 22 — NY
Interfab Inc — 116 Kraft Ave. Bronxville — NY
INTERNATIONAL INSTRUMENTS INC., Adv Pgs 530, 531 — **P. O. Box 2954, New Haven 15** — **Conn**
Minn Honeywell, Precision Meter Div — Grenier Field, Manchester — NH
Pace Electrical Instruments Co. Inc — 70-31 84 St. Glendale 27 — NY
Precision Apparatus Co., Inc — 70-31 84 St. Glendale 27 — NY
Simpson Electric Co., Div., American Gage & Machine Co — 5218 W. Kinzie St, Chicago 44 — Ill
Stark Electronic Instruments Ltd — Box 670, Ajax — Ont
Sun Electric Co — 6323 Avondale St, Chicago 31 — Ill
Vac Line, Inc — 35 S. St. Clair St, Dayton 2 — Ohio

METERS – *WATTMETERS* See WATTMETERS
METERS – *WAVE* See WAVEMETERS

METERS – *WOW AND FLUTTER*
Amplifier Corp of America — 398 Broadway, New York 13 — NY
Hewlett Inc. Elec Eye Equip Div — [illegible] E Fairchild, Danville — Ill
Sun Electric Co — 6323 Avondale St. Chicago 31 — Ill

METERS – *X-RAY INTENSITY*
Biophysical Electronics — 221 Rock Hill Rd. Bala Cynwyd — Pa
General Electric Co., X-Ray Dept — 4855 Electric Ave, Milwaukee — Wisc

METER TESTERS See CALIBRATORS – *METER*
METHYL METHACRYLATE See PLASTICS

MICA
1. *GLASS-BONDED*
2. *GLASS-BONDED (NATURAL OR SYNTHETIC) PARTS*
3. *NATURAL, BUILT-UP SHEETS*
4. *NATURAL, BUILT-UP PUNCHINGS TUBING* See TUBING – *NON-METALLIC*
5. *NATURAL, PUNCHINGS*
6. *NATURAL, SPLIT SHEETS*
7. *SYNTHETIC*
8. *TAPE*

Asheville-Schoonmaker Mica Co., 3-4-5-6 — 900 Jefferson Ave, Newport News — Va
Associated Commodity Corp., 5-6 — 125-5th Ave, New York 20 — NY
Auburn Mfg. Co., The, 2-4-5 — Pease Ave & Stack St, Middletown — Conn
Blim Co., Delbert, 5 — Box 757, Pomona — Cal
Brea Metallurgical Chemical Co., 6-8 — [illegible] E. Ave. Philadelphia 26 — Pa
Brush Beryllium Co., 7 — 5209 Euclid Ave, Cleveland 3 — Ohio
Ceramics Inc., Chemists, 1 — 173 Ridge St. Newark 4 — NJ
Cleveland Mica Co., 3-4 — [illegible] Ave, Lakewood — Ohio
Crystal Research Inc., 6 — 42 Concord La. Cambridge — Mass
Dean Plastics Inc — 110 Herbert Ave. Closter — NJ
Electro-Rock, Inc., 3 — 11591 Jefferson Blvd. Culver City — Cal
Electronic Mechanics, Inc., 1-2-7 — 101 Clifton Blvd, Clifton — NJ
Ford Radio & Mica Corp., 3-4-5 — 536 63rd St. Brooklyn 20 — NY
Industrial Mica Corp., 3-4-5-6 — 221 S. Van Brunt St, Englewood — NJ
Insulation Manufacturers Corp., 3-4-5-6-7-8 — 565 W Washington Blvd. Chicago 6 — Ill
Macallen Industrial Corp., 8 — Brownville Ave. Ipswich — Mass
Macallen Co. Inc., 3-4-8 — Newmarket — NH
A.O. Mackay, Inc., 6 — 198 Broadway, New York 38 — NY
MAGNETIC SHIELD DIV., PERFECTION MICA CO., 3-4-5-6 Adv Pg 35 — **1320 N. Elston Ave, Chicago 22** — **Ill**
Mica Fabricating Co., 3-4-5-6-7-8 — 53 Central Ave. Rochelle Park — NJ
Micacraft Products, Inc., 3-4-5-6 — 49-55 Liberty St. Newark 2 — NJ
MYCALEX CORP OF AMERICA, 1-2-7, Adv Pg 351 — **125 Clifton Blvd. Clifton** — **NJ**
National Electric Coil Div. McGraw Edison Co., 3-4-8 — 800 King Ave. Columbus 16 — Ohio
Polymica & Insulation Co., 3-4-5-6 — 683 Main St, Willimantic — Conn
Spruce Pine Mica Co., 1-3-4-5-6 — Spruce Pine — NC
Sylvania Electric Products Inc. Parts Div., 5 — 12 2nd Ave. Warren — Pa
Synthetic Mica Co., 7 — 20 Passaic Ave, Caldwell — NJ
United Mineral & Chemical Corp., 3-4-5 — 16 Hudson St, New York 13 — NY

MICA SPACERS See TUBE PARTS

MICROAMMETERS See AMMETERS
MICROELECTRONIC MODULES See MODULES – *ACTIVE*
MICROFARADMETERS See METERS – *CAPACITANCE*
MICROMETERS – *ELECTRONIC* See GAGES – *DIMENSION*
MICROMICROAMMETERS See AMMETERS
MICRO-OHMMETERS See OHMMETERS
MICROPHONE BOOMS See BOOMS
MICROPHONE CABLES See CABLES – *SHIELDED*
MICROPHONE CONNECTORS See CONNECTORS
MICROPHONE DIAPHRAGMS See DIAPHRAGMS

MICROPHONES
1. *AIRCRAFT-TYPE*
2. *CARBON*
3. *CERAMIC*
4. *CONDENSER*
5. *CONTACT*
6. *CRYSTAL*
7. *DYNAMIC*
8. *HEARING-AID*
9. *LAPEL*
10. *LIP*
11. *MAGNETIC*
12. *NOISE-CANCELLING*
13. *THROAT*
14. *VELOCITY*
15. *WIRELESS*
UNDERWATER See HYDROPHONES

AIWA CO. LTD., 2-4-5-6-7-8-9-11-12-14-15, Adv Pg 264 — **4 Motosakuma-cho, Kanda Chiyoda-ku, Tokyo** — **Jap**
Altec Lansing Corp., 4-7-9 — 1515 S Manchester Ave. Anaheim — Cal
American Development Electronics Co., 2-7-11 — 77 Poinier St. Newark 8 — NJ
American Elite, Inc. (Telefunken), 4-7-9-12-15 — 48-50 34 St. Long Island City 1 — NY
American Microphone Mfg. Co., 2-3-6-7-9-12 — 412 S Wyman St. Rockford — Ill
Amplivox Ltd., 1-2-7-8-11-12 — Beresford Ave. Wembley, Mddx — Eng
Astatic Corp., The, 2-3-6-7-8-9 — Conneaut — Ohio
Atlantic Research Corp., 3 — Shirley Hwy at Edsall Rd, Alexandria — Va
Audiosears Corp., 1-2-3-7-10-11-12 — Stewart Hill Rd, Roxbury — NY
B & K Instruments Inc of Bruel & Kjaer, 4 — [illegible] St. Cleveland 11 — Ohio
Bruel & Kjaer, 4 — Lindevej 23, Naerum — Denmark
BUDELMAN ELECTRONICS CORP., 15, Adv Pg 167 — **375 Fairfield Ave. Stamford** — **Conn**
CBS Electronics, Div., CBS, Inc., 3-6 — 100 Endicott St, Danvers — Mass
Capps & Co. Inc., 4 — 20 Addison Pl. Valley Stream — NY
Chance Vought Corp., Vought Electronics Div., 12 — Box 1500, Arlington — Tex
Dukane Corp., 7 — St Charles — Ill
DYNA-EMPIRE INC., 8, Adv Pg 514 — **1075 Stewart Ave. Garden City** — **NY**
Dynaco, Inc., 14 — 3912 Powelton Ave, Philadelphia 4 — Pa
Electro-Voice Inc., 1-2-3-6-10-11-12-13 — Buchanan — Mich
Electronic Applications Inc., 4-7-8-12-15 — 194 Richmond Hill Ave. Stamford — Conn
Executone Inc., 2-7-12-14 — 415 Lexington Ave. New York 17 — NY
Fen-Tone Corp., 2-3-7-11-14 — 106 Fifth Ave, New York 11 — NY
Gates Radio Co., 2-3-4-7-9-14 — 123 Hampshire St. Quincy — Ill
General Coil Products Corp., 7-11 — 147-12 Liberty Ave, Jamaica 35 — NY
General Dynamics/Electronics, 2-3-4-7 — 100 Carlson Rd, Rochester 3 — NY
Gerber Scientific Instrument Co., 4 — 89 Spruce St, Hartford 1 — Conn
Gotham Audio Corp., 4-7-14 — 2 W. 46 St, New York 36 — NY
Gulton Industries, Inc., 3 — 212 Durham Ave. Metuchen — NJ
International Research Associates, 4 — 2221 Warwick Ave, Santa Monica — Cal
ITEK ELECTRO PRODUCTS CO., 15, Adv Pg 140 — **75 Cambridge Pkwy. Cambridge** — **Mass**
JAPAN PIEZO ELECTRIC CO. LTD., 6-7-9, Adv Pg 258 — **801 Kami-renjaku, Mitaka, Tokyo** — **Jap**
Kaar Engineering Corp., 2 — 2995 Middlefield Rd. Palo Alto — Cal
KNOWLES ELECTRONICS, INC., 8-11 Adv Pg 404 — **10545 Anderson Pl, Franklin Park** — **Ill**
Lesa Const Electromeccaniche SpA., 2-6-7 — 21 Via Bergamo, Milano — Italy
Livingston Electronic Corp., 1 — Livingston 3 — NJ
Marconi's Wireless Telegraph Co. Ltd., 7-11 — 750 3rd Ave. New York 17 — NY
MASSA DIV. COHU ELECTRONICS, INC., 6-7, Adv. Pgs. 442, 443 — **280 Lincoln St. Hingham** — **Mass**
Melody Master Mfg. Co., 7 — 2149-2151 [illegible] St, Chicago 39 — Ill
Minn-Honeywell, Ceramics Lab., 3 — Box 401, Minneapolis 40 — Minn
Pearce Simpson, Inc., 2-3 — 2295 NW 14th St, Miami 35 — Fla
Permoflux Products Co., 7 — 4101 San Fernando Rd. Glendale — Cal
Philips' Gloeilampenfabrieken, N. V., 4-6-7-9 — Eindhoven — Neth
Philmore Mfg. Co., Inc., 2 — 130-01 Jamaica Ave, Richmond Hill 18 — NY
Photocon Research Products, 4 — 421 N. Altadena Dr, Pasadena — Cal
Radio Corp. of America, Defense Electronic Prods. 1-12 — Bldg. 15-2 Camden — NJ
Radio Mfg. Engineers, Div., Electro Voice, Inc., 1-2-3-5-6-7-9-11-12 — Buchanan — Mich
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., 2, Adv Pg 37 — **411 Providence Tnpk. Westwood** — **Mass**
Remler Co., 1-11 — 2101 Bryant St, San Francisco 10 — Cal
Roanwell Corp., 1-2-7-10-12 — 180 Varick St, New York 14 — NY
Rollan Co., 1-2-7-8-11-12 — [illegible] Rd. Topsfield — Mass
Rys Sound Corp., 1-2-3-5-6-7-8-11-12-13 — 145 Elm St, Mamaroneck — NY
Sargent & Greenleaf Inc., 5 — 24 Seneca Ave, Rochester — NY
Seiscor Div., Seismograph Service Corp., 15 — 6200 E. 41st St, P.O. Box 1590, Tulsa 1 — Okla
Shure Brothers Inc., 1-2-3-6-7-8-9-11-12-15 — 222 Hartrey Ave. Evanston — Ill
Sierra Engineering Co., 1-2-7 — 123 E Montecito Ave. Sierra Madre — Cal
SONOTONE CORP., 3-8 Adv Pg 375 — **Elmsford** — **NY**
SONY CORP., 4-7-8-15, Adv Pg 261 — **514 Broadway, New York 12** — **NY**
Sound Projects Co. Div. LeClair, 3-5-11 — 2410 S Central Ave. Cicero 50 — Ill
Standard Tel. & Cables Ltd., 2-4-6-7-10-11-12 13-15 — 29 Glasshouse Yard, London — Eng
Stephens Trusonic, Inc., 4-15 — 8538 Warner Dr, Culver City — Cal
Superscope Inc., 4-7-15 — 8520 Tujunga Ave, Sun Valley — Cal
Tannoy (America) Ltd., 2-7-11-14 — Box 177, East Norwich — NY
Telephonics Corp., 1-2-7-12 — Park Ave. Huntington — NY
Telex, 1-2-3-6-8-11-12 — Telex Park, St Paul 1 — Minn
Tibbetts Industries Inc., 8-11 — Colcord Ave. Camden — Me
Turner Co., 1-2-3-5-6-7-9 — 909 17 St. NE, Cedar Rapids — Iowa
U. S. Instrument Corp., 2-4-7 — Box 128BG, Charlottesville — Va
Universal Microphone Co., 2-12-13 — 2610 Wells La, Costa Mesa — Cal
University Loudspeakers Inc., 7-9 — 80 S Kensico Ave. White Plains — NY
Vari Corp., 1 — 2525 Cedar Ave, Minneapolis — Minn
Vega Electronics Corp., 15 — 10781 N Hwy 9, Cupertino — Cal
Zenith Radio Corp., 8-11 — 6001 Dickens Ave, Chicago 39 — Ill

MICROPHONE STANDS See STANDS

MICROSCOPES – *ELECTRON*
Computing Devices of Canada, Ltd — P.O. Box 508, Ottawa, Ontario, Canada

HITACHI LTD., Adv Pg 263	1-4 Marunouchi, Chiyoda-ku, Tokyo	Jap
New England Scientific Instruments Corp	231 Main St. Cambridge 42	Mass
Philips Electronic Instruments	750 S. Fulton Ave. Mt. Vernon	NY
Rank Cintel Ltd	Worsley Bridge Rd, London S.E. 26, England	

MICROVOLTMETERS See VOLTMETERS
MICROWAVE See ABSORBERS: ADAPTERS–COAXIAL: AMPLIFIERS: ANALYZERS–RADAR: ANALYZERS–SPECTRUM: ANTENNAS: ATTENUATORS: BENDS–WAVEGUIDE: BOLOMETERS (incl. BARRETTERS & THERMISTORS): BRIDGES: CALIBRATORS–FREQUENCY: CALORIMETERS: CAPACITORS–VARIABLE, COAXIAL: CAVITIES: CHAMBERS–ENVIRONMENTAL TEST: CHOKES–WAVEGUIDE: CIRCULATORS: COMMUNICATION SYSTEMS: CONNECTORS–COAXIAL CABLE: CORNERS–WAVEGUIDE: COUPLERS–DIRECTIONAL: COUPLINGS–MICROWAVE: DELAY LINES–WAVEGUIDE: DETECTORS–MICROWAVE: DETECTORS–STANDING-WAVE: DIODES–CRYSTAL: DIPLEXERS: DIVIDERS–POWER: DUPLEXERS: ECHO BOXES: FILTERS–COAXIAL & WAVEGUIDE: FILTERS–STRIP LINE: FLANGES–WAVEGUIDE: GENERATORS–NOISE: GENERATORS–SIGNAL: HORNS–WAVEGUIDE: HYBRID JUNCTIONS: ISOLATORS–FERRITE: JOINTS–ROTARY: LENSES: LINES–SLOTTED: LINE STRETCHERS: MARKERS–FREQUENCY: METERS–POWER-LEVEL: MISMATCHES–MICROWAVE. STANDARD: MONITORS–POWER: MOUNTS–BOLOMETER: MOUNTS–CRYSTAL: OSCILLATORS–MICROWAVE: OSCILLATORS: PLUGS–COAXIAL: POWER SUPPLIES–D-C: PROBES: RADAR: RECEIVERS–RADIO COMMUNICATION: REFLECTORS–PASSIVE: RELAYS–MICROWAVE: RESISTORS–COAXIAL TERMINATION: RESONATORS: SHIFTERS–PHASE: SLOTTED SECTIONS: STANDARDS: STANDS–WAVEGUIDE: STRIP-LINE COMPONENTS: STRIP TRANSMISSION LINES: SWITCHES–MICROWAVE: TEES–WAVEGUIDE: TERMINATIONS: TRANSFORMERS: TRANSITIONS–WAVEGUIDE: TRANSMITTERS–RADIO COMMUNICATION: TUBES–MICROWAVE: TUBES–NOISE SOURCE: TUNERS: TWISTS: WATTMETERS–CALORIMETRIC: WAVEGUIDES: WAVEGUIDE TUBING: WAVEMETERS
MILLIAMMETERS See AMMETERS
MILLIOHMMETERS See OHMMETERS
MILLIVOLTMETERS See VOLTMETERS
MINIATURE BEARINGS See BEARINGS
MINIATURE METERS See METERS–MINIATURE
MINIATURE RECORDERS See RECORDERS–GRAPHIC: RECORDERS–MAGNETIC TAPE

MIRRORS–SPECIAL PURPOSE

Bache & Co., Semon	636 Greenwich St, New York 14	NY
Bausch & Lomb Inc	61462 Bausch St. Rochester 2	NY
Sargent Scientific Corp	1212 Wrightwood, Chicago 14	Ill
Green Rectifier Co	1-10 30th St. Fair Lawn	NJ
Pacific Universal Products Corp	168 Vista Ave, Pasadena 8	Cal
Service Div., Seismograph Service Corp	6200 E. 41st St, P.O. Box 1590, Tulsa 1	Okla
Zenith Optical Laboratory	1940 Great Neck Rd, Copiague	NY

MIRRORS – TV

Bache & Co., Semon	636 Greenwich St, New York 14	NY
Bausch & Lomb Inc	61462 Bausch St. Rochester 2	NY
Pacific Universal Products Corp	168 Vista Ave, Pasadena 8	Cal

MISMATCHES–MICROWAVE, STANDARD

Airtec, Inc	139 E. First Ave, Roselle	NJ
ARRA CORP., Adv Pg 498	27 Bond St. Westbury	NY
BUDD STANLEY CO. INC., Adv Pg 313	175 Eileen Way, Syosset	NY
CONTROL ELECTRONICS CO. INC., Adv Pg 444	10 Stepar Pl. Huntington Sta	NY
FXR INC., Adv Pgs 100, 101	25-26 50th St. Woodside 77	NY
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
MICROLAB, Adv Pg 356	570 W Mt. Pleasant Ave. Livingston	NJ
Microtech, Inc	Milldale Rd, Cheshire	Conn
Microwave Associates, Inc	Burlington	Mass
MICROWAVE CORP. OF AMERICA, Adv Pg 462	P.O. Box 278, Stanford	Conn
OMEGA LABORATORIES INC., Adv Pg 226	Box 309, Rowley	Mass
Sage Laboratories, Inc	3 Huron Dr. East Natick	Mass
Sperry Microwave Electronics Co	P.O. Box 1828, Clearwater	Fla
Turbo Machine Co	840 N Main St. Lansdale	Pa
Waveline, Inc	P.O. Box 718, Caldwell	NJ

MISS-DISTANCE INDICATORS See INDICATORS–MISS-DISTANCE
MISSILE CABLES–UMBILICAL See CABLES–UMBILICAL
MISSILE CHECKOUT SYSTEMS See TESTERS–SYSTEM
MISSILE GUIDANCE SYSTEMS See GUIDANCE SYSTEMS
MIXERS – A-F See AMPLIFIERS – A-F
MIXERS–CRYSTAL, MICROWAVE See DIODES–CRYSTAL

MIXERS–MICROWAVE

Amerac, Inc	Dunham Rd. Beverly	Mass
ANZAC ELECTRONICS INC., Adv Pg 450	Cannondale	Conn
APPLIED RESEARCH INC., Adv Pg 124	76 S Bayles Ave. Port Washington	NY
ARRA CORP., Adv Pg 498	27 Bond St. Westbury	NY
Bogart Mfg Corp	315 Siegel St. Brooklyn 6	NY
BUDD-STANLEY CO. INC., Adv Pg 313	175 Eileen Way, Syosset	NY
DeMORNAY-BONARDI CORP., Adv. Pgs. 178, 179	780 S Arroyo Pkwy. Pasadena	Cal
DOUGLAS MICROWAVE CO. INC., Adv Pg 235	252 E 3rd St. Mt Vernon	NY
EMPIRE DEVICES INC., Adv Pg 132	Amsterdam	NY
FXR INC., Adv Pgs 100, 101	25-26 50th St. Woodside 77	NY
Frequency Standards Div. Harvard Ind Inc	Box 504, Asbury Park	NJ
HEWLETT-PACKARD CO., Adv Pgs 19-34	1501 Page Mill Rd. Palo Alto	Cal
KEARFOTT DIV. GEN PRECISION INC., Adv Pg 394	Little Falls	NJ
Kearfott Div. Gen Prec Inc. Microwave Prods	14844 Oxnard St. Van Nuys	Cal
Laboratory for Electronics Inc	1079 Commonwealth Ave. Boston 15	Mass
LAVOIE LABORATORIES INC., Adv Pg 312	Morganville	NJ
LEL INC., Adv Pg 461	75 Akron St. Copiague	NY
LIECO INC., Adv Pg 398	150 Eileen Way, Syosset	NY
Merrimac Research & Devel Inc	517 Lyons Ave. Irvington	NJ
MICROLAB, Adv Pg 356	570 W Mt. Pleasant Ave. Livingston	NJ
Microphase Corp	River Rd. Cos Cob	Conn
Microtech, Inc	Milldale Rd. Cheshire	Conn
Microwave Associates Inc	Burlington	Mass
Microwave Development Labs Inc	15 Strathmore Rd. Natick	Mass
Narda Microwave Corp	Plainview	NY
Pitometer Log Corp	237 Lafayette St. New York 12	NY
PORTCHESTER INSTRUMENT CORP., Adv Pg 468	114 Wilkins Ave. Port Chester	NY
PREMIER MICROWAVE CORP., Adv Pg 469	33 New Broad St. Port Chester	NY
RADAR DESIGN CORP., Adv Pg 471	Pickard Dr. Syracuse 11	NY
Sage Labs Inc	3 Huron Dr. East Natick	Mass
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
TRG, Inc	9 Union Sq. Somerville	Mass
Turbo Machine Co	840 N Main St. Lansdale	Pa
United Shoe Machinery Corp	140 Federal St. Boston	Mass
Varian Associates	611 Hansen Way, Palo Alto	Cal
Waveline, Inc	Box 718, Caldwell	NJ

MIXERS–VIDEO See AMPLIFIERS – R-F
MOBILE COMMUNICATION SYSTEMS See COMMUNICATION SYSTEMS
MOBILE RECEIVERS See RECEIVERS–RADIO COMMUNICATION
MOBILE TRANSMITTERS See TRANSMITTERS–RADIO COMMUNICATION
MODULATION METERS See METERS–MODULATION
MODULATION MONITORS See MONITORS–MODULATION

MODULATORS

1. FERRITE
2. MAGNETIC
3. PHASE
4. PULSE

INFRARED See INFRARED DEVICES: CONTACT See CHOPPERS

A.R.F. Products Inc., 4	7627 Lake St. River Forest	Ill
ACROMAG, INC., 2, Adv Pg 234	22515 Telegraph Rd. Southfield	Mich
AIRPAX ELECTRONICS INC. SEMINOLE DIV., 2, Adv Pg 106	Fort Lauderdale	Fla
Alto Scientific Co. Inc., 4	855 Commercial, Palo Alto	Cal
American Research & Mfg. Corp., 2	921 Halpine Ave. Rockville	Md
AMP INC., 4, Adv Pgs 65, 183	Eisenhower Blvd. Harrisburg	Pa
Applied Control Corp., 2	1000 Main St. Hackensack	NJ
ARNOLD MAGNETICS CORP., 4, Adv Pg 48	6050 W Jefferson Blvd. Los Angeles 6	Cal
Atlas Coil Inc., 1-2-3-4	63 Main St. Ansonia	Conn
AXEL ELECTRONICS INC., 4, Adv Pg 398	134-20 Jamaica Ave. Jamaica 18	NY
Brach Mfg. Corp., 1-2-3	200 Central Ave. Newark	NJ
Burnac Electronics Co. Inc., 4	142 S Long Beach Rd. Rockville Center	NY
Carad Corp., 4	3381 Junipero Serra Blvd. Palo Alto	Cal
Caswell Electronics Corp., 1	414 Queens Ln. San Jose 12	Cal
COMMUNICATION ACCESSORIES CO., 2, Adv Pg 79	Hwy 50 & 71 ByPass, Lee's Summit	Mo
Continental Electronics Mfg Co. Sub Ling-Temco Electronics, Inc., 4	4212 S Buckner Blvd. Dallas 27	Tex
Cooper Development Corp., 3	2626 S. Peck Rd, Monrovia	Cal
Del Mar Engineering Labs. Inc., 4	6901 Imperial Hwy. Los Angeles 45	Cal
Dumitzer Electric & Mfg. Co., Inc	5 Hadley St, Cambridge 41	Mass
Dresser Electronics, HST Div., 2-4	555 N 5th St. Garland	Tex
E & M Laboratories, 1	15145 Califa St. Van Nuys	Cal
Electrodynamic Instrument Corp., 3-4	1841 Old Spanish Trail, Houston 25	Tex
Epsco Inc. Components Div., 2-3	275 Massachusetts Ave. Cambridge 39	Mass
Elwood Inc., 1	1770 Berteau Ave. Chicago 13	Ill
FXR INC., 1-3-4, Adv Pgs 100, 101	25-26 50th St. Woodside 77	NY
Ferranti Electric Inc., 1	Industrial Park #1, Plainview	NY
FERROTEC, INC., 1, Adv Pg 496	217 California St. Newton 58	Mass
Filtron Co. Inc., 4	131-15 Fowler Ave. Flushing	NY
General Communication Co., 4	677 Beacon St, Boston 15	Mass
General Dynamics Electronics, 4	100 Carlson Rd. Rochester 3	NY
GENERAL ELECTRIC CO. APPARATUS SALES, 2-4, Adv Pgs 8, 9	1 River Rd. Schenectady 5	NY
General Electronic Control, Inc., 3	6001 Bloomington Frwy. Mpls 20	Minn
GENERAL MAGNETICS INC., 2, Adv Pgs 327, 328	135 Bloomfield Ave. Bloomfield	NJ
Globe Electronics, Div. Textron Electronics, Inc., 4	22-30 S 34th St. Council Bluffs	Iowa
Granger Associates, 2-3-4	974 Commercial St. Palo Alto	Cal
IBM Federal Systems Div., 3	1120 Conn. Ave. Washington 6	DC
Instrument Systems Corp., 1	129-07 18th Ave. College Point 56	NY
James Electronics Inc., 1-2	4050 N. Rockwell St. Chicago 18	Ill
KEARFOTT DIV., GEN PRECISION INC., 1, Adv Pg 394	Little Falls	NJ
Kearfott Div. Gen. Precision Inc. Microwave Prods., 1	14844 Oxnard St. Van Nuys	Cal
Ling Electronics Div. Ling-Temco Electronics, Inc., 4	1515 S Manchester Ave. Anaheim	Cal
Lumen, Inc., 2	Box 905, Joliet	Ill
Magnetechnic Corp., 2	Box 6008, Tulsa	Okla
Magnavox Co., 4	2131 Bueter Rd. Fort Wayne 4	Ind
Micromag Instrument Corp., 2	115 Hallock St. Roxbury	Mass
Microwave Associates, Inc., 3-4	Burlington	Mass
Microwave Dynamics Corp., 3-4	5 Fairchild Ct. Plainview	NY
Microwave Semiconductor & Inst. Inc., 1	116-06 Myrtle Ave. Richmond Hill 18	NY
Narda Microwave Corp., 1-3-4	Plainview	NY
National Moldite Co. Inc., 1	250 South St. Newark 5	NJ
NORTH ATLANTIC INDUSTRIES INC., 3, Adv Pg 344	Terminal Dr. Plainview	NY
OHIO SEMICONDUCTORS, 2, Adv Pg 87	1205 Chesapeake Ave. Columbus 12	Ohio
OMEGA LABORATORIES INC., 4, Adv Pg 226	Box 309, Rowley	Mass
Peer, Incorporated, 4	2524 Shelby St, Dallas 19	Tex
POLARAD ELECTRONICS CORP., 4, Adv Pg 269-272	43-20 34 St. Long Island City 1	NY
Power Instruments Corp., 2	235 Oregon St. El Segundo	Cal
Pulse Engineering Inc., 4	550 Pohert Ave. Santa Clara	Cal
R S ELECTRONICS CORP., 4, Adv Pg 305	Box 11368, Sta A, Palo Alto	Cal
Radiation at Stanford, 2-4	3180 Hanover St. Palo Alto	Cal
Radiation Inc., 4	Melbourne	Fla
Radio Engineering Labs. Inc., 1-2-3	29-01 Borden Ave. Long Island City 1	NY
Ramage & Miller Inc., 4	150 S 2nd St. Richmond	Cal
Rantec Corp., 1-3	23999 Ventura Blvd, Calabasas	Cal
RAYTHEON CO. SPEC MICROWAVE DEV OPER., 1-3, Adv Pgs 38, 39	Waltham Industrial Park, Waltham 54	Mass
Servomechanisms/Inc., 2	200 N Aviation Blvd. El Segundo	Cal
SIERRA ELECTRONIC CORP., 4, Adv Pgs 128, 129	3885 Bohannon Dr. Menlo Park	Cal
Solartron, Inc., 3	1742 S. Zeyn St, Anaheim	Cal
SONEX INC., 4, Adv Pg 530	20 E Herman St. Philadelphia 44	Pa
Space Electronics Corp., 3	930 Air Way, Glendale 1	Cal
Sperry Electronic Tube Div., Sperry Rand Corp., 4	Box 652, Gainesville	Fla
Theta Instrument Corp., 3	520 Victor St. Saddle Brook	NJ
TOROTEL INC., 1-2-3, Adv Pg 496	5512 E 110th St. Kansas City 37	Mo
TORWICO ELECTRONICS INC., 2, Adv Pgs 491, 492	Route 70, Lakewood	NJ
TRANSITRON ELECTRONIC SALES CORP., 3, Adv Pgs 315-318	168-182 Albion St. Wakefield	Mass
Transonic Inc., 2	808 18th St. Bakersfield	Cal
Varian Associates, 4	611 Hansen Way, Palo Alto	Cal
VARO, INC., 2-3-4 Adv Pg 118	2201 Walnut St. Garland	Tex
Vor-Shan Electronics, 1-2-4	13259 Sherman Way, North Hollywood	Cal
Westinghouse-Electronics Div., 2	Baltimore	Md

MODULATOR TRANSFORMERS See TRANSFORMERS–IRON-CORE, A-F AND POWER
MODULE ASSEMBLY MACHINES See MACHINES–ASSEMBLY

MODULES–ACTIVE (WITH AMPLIFYING, SWITCHING, RECTIFYING ELEMENTS, ETC.)

1. ASSEMBLED, CONVENTIONAL COMPONENTS
2. ASSEMBLED, MINIATURE & MICROMINIATURE
3. COMPUTER & LOGIC
4. CONTROL & SWITCHING
5. RADIO-TV & GENERAL PURPOSE
6. SEALED OR ENCAPSULATED
7. SOLID-STATE & MICROELECTRONIC

A G A Corp., 1-2-3-4-5-7	1230 Duke St. Alexandria	Va
Abacus, Inc., 1-3-4	3042 Overland Ave. Los Angeles	Cal
Advanced Electronics Inc., 1-2-6	94 Silas Deane Hwy. Rocky Hill	Conn
Aerolite Electronics Corp., 1-6	2207 Summit Ave. Union City	NJ
AIRFLYTE ELECTRONICS CO., 4, Adv Pg 342	535-9 Avenue A, Bayonne	NJ
Airtronics International Corp., 1-2-6	Box 8576, Fort Lauderdale	Fla
Allegri-Tech Inc., 6	141 River Rd. Nutley 10	NJ
Altron Electronics, 2	Box 141, Ridley Park	Pa
Amer-Monarch Corp. Amer. Elec. Div., 6	2801 37th Ave. NE, Minneapolis 18	Minn
ANSLEY MFG CO., ARTHUR, 1-2, Adv Pg 554	New Hope	Pa
Applied Control Corp., 1-4	1000 Main St. Hackensack	NJ
Atchley Div., Raymond, 1-3	2335 Culver Ave. Los Angeles 64	Cal
Atlantic Research Corp., 4	Shirley Hwy. at Edsall Rd. Alexandria	Va
Beck's Inc., 1-2-3-4	298-300 E 5th St. St Paul 1	Minn
Bell Inc., F. W., 7	1356 Norton Ave. Columbus 12	Ohio
Bergen Labs. Inc., 7	60 Spruce St. Paterson 1	NJ
Burr-Brown Research Corp., 1-3	Box 6444, Tucson	Ariz
Burroughs Corp. Electronic Components Div., 1-2-3-4-6-7	Box 1226, Plainfield	NJ
CBS Electronics, A Div. C B S Inc., 2-3-7	100 Endicott St. Danvers	Mass
CBS Laboratories, 2-3	227 High Ridge Rd. Stamford	Conn
C & K Components, Inc., 1-2-3-6	101-103 Morse St. Newton 58	Mass
Cadre Industries Corp., 1-2-6	Box 150, Endicott	NY
California Computer Products, Inc., 3	8714 Cleta St. Downey	Cal
Canadian Aviation Electronics Ltd., 1-2-4	Box 2030, Montreal 9	P.Q.
CENTRALAB ELECTRONICS DIV. GLOBE-UNION, INC., 2-5-6, Adv. Pgs. 376, 377	914Y E Keefe Ave. Milwaukee 1	Wis
Chance Vought Corp. Vought Electronics Div., 1-3-6	Box 1500, Arlington	Tex
Clark Controller Co., 4-6	1146 E 152nd St. Cleveland 10	Ohio
Cleveland Metal Specialties Co., 1-2-3-4-7	1783 E 21st St. Cleveland 14	Ohio
Computer Control Co. Inc., 1-2-3-4-6-7	983 Concord St. Framingham	Mass
Computer Techniques Inc., 1-2-3-4-6-7	3300 Northern Blvd. Long Island City 1	NY
CONTROL ELECTRONICS CO. INC., 1, Adv Pg 444	10 Stepar Pl. Huntington Sta	NY
Control Equipment Corp., 1-3-4-7	19 Kearney Rd. Needham Heights 94	Mass
CUBIC CORP., 3-4, Adv Pgs 329, 330	5575 Kearny Villa Rd. San Diego 11	Cal
CURTISS WRIGHT CORP. INTERMTN. BR., 1-2-3-4-7, Adv Pg 474	Box 8324, Albuquerque	NM
Cycle Products Co. Inc., 6	123 Central Ave. Newark 2	NJ
Dage Div Thompson Ramo Wooldridge, Inc., 4	Michigan City	Ind
Daystrom Inc. Military Elec. Div., 1-2-3-4-7	Archbald	Pa
Delco Radio Div. GMC, 1-2-3-4-6-7	700 E Firmin St. Kokomo	Ind
Deltex Electronic Div. Delta Explor. Co. Inc., 1	Drawer 2666, Jackson	Miss
DORSETT ELECTRONICS, INC., 1-2-3-4, Adv Pg 299	Box 862, Norman	Okla
Dynamems, Inc., 1-2	4620 Ethele Ave. Sherman Oaks	Cal
Electrada Corp., 1-2-3	11244 Playa St. Culver City	Cal
Electric Switch Corp., 1-2	2320 S Tibbs Ave. Indianapolis 41	Ind
Electronic Development Corp., 1-2-3-6	423 W Broadway, Boston 27	Mass
ELECTRONIC PRODUCTS CORP., 1-4-6, Adv Pgs 545, 546	4642 Belair Rd. Baltimore 6	Md
EMPIRE SERVICES, 1-3-4, Adv Pg 484	4D-3, Skaneateles	NY
ENGINEERED ELECTRONICS CO., 1-2-3-4-6-7, Adv Pg 326	1441 E Chestnut Ave. Santa Ana	Cal
Epsco Inc. Components Div., 1-2-3-4-6	275 Massachusetts Ave. Cambridge 39	Mass
FXR INC., 7, Adv Pgs 100, 101	25-26 50th St. Woodside 77	NY
FAIRCHILD SEMICONDUCTOR CORP., 3-7, Adv Pg 336	545 Whisman Rd. Mountain View	Cal
Fairfield Controls Inc., 4	114 Manhattan St. Stamford	Conn
Fecker, J. W. Div. Amer. Optical Co., 1-2-3-4-6	6592 Hamilton Ave. Pittsburgh 6	Pa
Ferrotran Electronic Co. Inc., 1-2-5-6-7	693 Broadway, New York 12	NY
Ford Instrument Co. Div. Sperry Rand Corp., 3-4	31-10 Thomson Ave. Long Island City 1	NY
FRONTIER ELECTRONICS CO., 1-2-3-4-7, Adv Pg 193	4606 Memphis Ave. Cleveland 9	Ohio
G. B. Components Inc., 1-2-3-4-6-7	14621 Arminta St. Van Nuys	Cal
GENERAL APPLIED SCIENCE LABS. INC., 1-3-4, Adv Pg 525	Merrick & Stewart Aves. Westbury	NY
General Communication Co., 3-6	677 Beacon St, Boston 15	Mass
General Computers Inc., 3	5000 W Pico Blvd. Los Angeles 35	Cal
GENERAL DEVICES INC., 1-3-4-7, Adv Pg 518	Box 253, Princeton	NJ
General Dynamics Electronics, Info Tech Div., 1-2-3-6	1850 Hancock St. San Diego 12	Cal
General Electric Co. Heavy Military Electronics Dept., 1-2-3-4-6-7	Court St. Syracuse	NY
GENERAL INSTRUMENT CORP. SEMICONDUCTOR DIV., 1-2-3-4-5-6-7, Adv Pg 278, 279	65 Gouverneur St. Newark 4	NJ
General Mills, Inc., 3	1620 Central Ave. Minneapolis 13	Minn
Good Electronic Corp., 1-2-3-4-6-7	Box 2406, W Palm Beach	Fla
Granger Associates, 1	974 Commercial St. Palo Alto	Cal
Green Rectifier Co., 6	1-10 30th St. Fair Lawn	NJ
GREENE ELECTRONICS INC., 1-5-6, Adv Pg 432	1840 Cranston St. Cranston 9	RI
Gyrex Corp., 1-2	3003 Pennsylvania Ave. Santa Monica	Cal
Helex Inc., 2-3-4-6-7	310 E Imperial Hwy. El Segundo	Cal
HAYDON CO., A. W., 4-6-7, Adv Pgs 302, 303	4038 Ince Blvd. Culver City	Cal
ITT Federal Labs Div. ITT Corp., 3	500 Washington Ave. Nutley	NJ
Intellux Inc. Scientific Components Div., 2	30 S Salsipuedes St. Santa Barbara	Cal

Interstate Electronics Corp., 3-4	707 E Vermont Ave. Anaheim	Cal
Jordan Electronics Div. Victoreen Ins. Co., 1-2-4-6	121 S Palm Ave. Alhambra	Cal
KEARFOTT DIV. GEN PRECISION INC., 7, Adv Pg 394	**Little Falls**	**NJ**
Leach Corp., 1-2-4-5	18435 Susana Rd. Compton	Cal
Lear Inc., 1-2-3-4-6-7	3171 S Bundy Dr. Santa Monica	Cal
Librascope, Div. General Precision Inc., 1-3	808 Western Ave. Glendale	Cal
LING-TEMCO ELECTRONICS INC. MICROMODULAR COMPONENTS DIV., 1-2-3-4-6-7, Adv Pg 223	**1859 S Manchester, Anaheim**	**Cal**
Lockheed Electronics Corp. Avionics & Ind Prods Div., 1-2-3-4	Randolph St. Los Angeles 22	Cal
Loral Electronics Corp., 3	825 Bronx River Ave. New York 72	NY
Lumen, Inc., 1-4-6-7	Box 905, Joliet	Ill
M F ELECTRONICS CORP., 2-3-6, Adv Pg 363	**118 E 25th St. New York 10**	**NY**
MAGNETIC AMPLIFIERS DIV. SIEGLER CORP., 1-3-4-7, Adv Pg 295	**632 Tinton Ave. New York 55**	**NY**
Marquardt Corp. Pomona Div., 1-2-3-4-7	2709 N Garey Ave. Pomona	Cal
Martin Co., 1-2-4-7	Mail No. G337, Baltimore 3	Md
Mallory Electronics Div., 2-7	3029 E Washington Ave. Indianapolis	Ind
Mallory Semiconductor Co., 1-5-6	Du Quoin	Ill
MicroSemiconductor Corp., 1-2-3-6-7	11250 Playa Ct. Culver City	Cal
Micronetics Corp., 7	River Rd. Cos Cob	Conn
Microwave Dynamics Corp., 7	5 Fairchild Ct. Plainview	NY
Miller Mfg. Co., James, 1-2	150 Exchange St. Malden	Mass
Minn-Honeywell, Industrial Systems Div., 3-4-7	10721 Hanna St. Beltsville	Md
Miratel, Inc., 5	1 St. SE & Richardson, New Brighton 12	Minn
Molded Insulation Co., 2	335 E Price St. Philadelphia 44	Pa
Mullard Equipment, Ltd., 3-4	Torrington Pl. London WC 1	Eng
Mutron Corp., 1-2-6	125 Perkins Ave. Brockton	Mass
Natel Engineering Co. Inc., 1-2-3-4-5-7	15922 Strathern St. Van Nuys	Cal
NAVIGATION COMPUTER CORP., 3, Adv Pg 511	**Valley Forge Ind Park, Norristown**	**Pa**
Network Designers Inc., 1-3-4-6-7	38 E 57th St. New York 22	NY
NEY CO., J. M., 2, Adv Pg 467	**Maplewood Ave. Bloomfield**	**Conn**
Onondaga Electronics Div. Speer Carbon Co., 5	1810 W Fayette St. Syracuse 1	NY
OPAD ELECTRIC CO., 1, Adv Pg 408	**43-5 Walker St. New York 13**	**NY**
Orion Electronic Corp., 2-7	104 Columbus Ave. Tuckahoe	NY
OVITRON CORP., 1-2-4-6-7, Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
PARAPLEGICS MFG CO. INC., 1-2, Adv Pg 476	**304 N York Rd. Bensenville**	**Ill**
Performance Measurements Co., 1-2-3-4-7	15120 3rd Ave. Detroit 3	Mich
PHILBRICK RESEARCHES INC., GEORGE A., 3-7, Adv Pg 166	**127 Clarendon St. Boston 16**	**Mass**
Philips' Gloeilampenfabrieken, N. V., 1-4-6	Eindhoven	Neth
Plug-In Instruments, Inc., 1-3-4-6-7	1416 Lebanon Rd. Nashville 10	Tenn
Power Instruments Corp., 4	235 Oregon St. El Segundo	Cal
RMS Associates, Inc., 2-3-5	815 Mamaroneck Ave. Mamaroneck	NY
R S ELECTRONICS CORP., 1-2, Adv Pg 305	**Box 11368, Sta A, Palo Alto**	**Cal**
Radiation Inc., 3-6-7	Melbourne	Fla
Radio Corp. of America, Defense Electronic Prods. 2-3-4-6-7	Bldg. 15-2 Camden	NJ
Radio Corp of America, Electron Tube Div., 2-3-4-6	415 S 5th St. Harrison	NJ
RADIO CORP. OF AMERICA SEMICONDUCTOR & MATERIALS DIV., 2-3-6-7, Adv Pg Insert Preceding 3rd Cover, 3rd Cover	**Rt 202, Somerville**	**NJ**
Ramo Wooldridge, Inc., 3-4	Box 2?5, San Pedro	Cal
Raytheon Co. Ind Components Div., 2-3-4	55 Chapel St. Newton 58	Mass
Raytheon Co. Semiconductor Div., 2-3-4-6-7	Gore Bldg. Waltham 54	Mass
Reeves Instrument Corp., 3	Roosevelt Field, Garden City	NY
Reliable Engineering Corp., 2	370 S Fair Oaks Ave. Pasadena	Cal
Rese Engineering Corp., 3-4	A & Courtland Sts. Phila 20	Pa
RIXON ELECTRONICS INC., 1-2-3-4-6, Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
Rosemount Engineering Co., 1-2	4900 W 78 St. Minneapolis 24	Minn
Ross Co., Milton, 1-2-3-6-7	239 Jacksonville Rd. Hatboro	Pa
Secode Corp., 4	555 Minnesota St. San Francisco 7	Cal
Seiscor Div. Seismograph Service Corp., 1-5	1200 E 41 St. Tulsa	Okla
Servotex Controls Ltd., 1	Crowborough, Sussex	Eng
SOLID STATE ELECTRONICS CO., 6-7, Adv Pg 230	**Dept E 15321 Rayen St. Sepulveda**	**Cal**
Solitron Devices Inc., 7	500 Livingston Ave. Norwood	NJ
Space Electronics Corp., 1-7	930 Air Way, Glendale 1	Cal
Sparton Corp., 1-2-3-4-5-6-7	2400 E Ganson St. Jackson	Mich
Sperry Microwave Electronics Co., 7	Box 1828, Clearwater	Fla
Sprague Electric Co., 1-2-3-4-6-7	135 Marshall St. North Adams	Mass
Stratocon Corp., 1-2-6	Box 10, Morristown	NJ
Straza Industries, 7	790 Greenfield Dr. El Cajon	Cal
Tung Industries Inc., 2-7	400 Main St. Waltham 54	Mass
Technograph Printed Electronics Inc., 7	970 Northwest Blvd. Winston-Salem	NC
TECHNOLOGY INSTRUMENT CORP., 2, Adv Pgs 83, 86	**533 Main St. Acton**	**Mass**
TELE-DYNAMICS DIV. AMERICAN BOSCH ARMA CORP., 3, Adv Pgs 196, 197	**5000 Parkside Ave. Philadelphia 31**	**Pa**
Telechrome Mfg Corp., 1-2-4-6	28 Ranick Dr. Amityville	NY
Telectro Industries Corp., 1-2-3-4-5-6-7	35-16 - 37th St. Long Island City 1	NY
Temco Electronics Inc., 1-4-6	108 Cummington St. Boston	Mass
TRANSITRON ELECTRONIC SALES CORP., 1-2-6-7, Adv Pgs 315-318	**168-182 Albion St. Wakefield**	**Mass**
TREPAC CORP. OF AMERICA, 1-4-7, Adv Pgs 415, 426	**30 W Hamilton Ave. Englewood**	**NJ**
Tri - Dex Co., 1	Box 127, Lindsay	Cal
Troxler Labs., 2	Box 5253, Raleigh	NC
VARO, INC., 2-3-4-6-7, Adv Pg 118	**2201 Walnut St. Garland**	**Tex**
Venner Electronics, Ltd., 1-3-4-6	Kingston By-Pass, New Malden	Eng
Victory Electronics, Inc., 2-6-7	50 Bond St. Westbury	NY
Vitro Corp of America, 3-4	261 Madison Ave. New York 16	NY
Waber Electronics, Inc., 5	Hancock & Somerset, Philadelphia 33	Pa
Walkirt Co., 1-2-3-4-6-7	141 W Hazel St. Inglewood 3	Cal
Wang Laboratories, Inc., 1-3-4-7	12 Huron Dr. Natick	Mass
Washington Scientific Industries Inc., 1-2	13111 Wayzata Blvd. Minneapolis 40	Minn
Wells Electronics Co., 1-2-3-4-5-6	1701 S Main St. South Bend 23	Ind
Westinghouse-Semiconductor Dept., 3-4-7	Youngwood	Pa
Winder Aircraft Corp., 1-2	Dunnellon Air Base, Dunnellon	Fla

MODULES – *PASSIVE (INCL. RESISTOR-CAPACITOR UNITS, EXCEPT NETWORKS)*

1. ASSEMBLED
2. PRINTED
3. SEALED OR ENCAPSULATED

ACDC ELECTRONICS, INC., 3, Adv Pg 182	**2979 N Ontario St. Burbank**	**Cal**
A G A Corp., 1-2-3	1700 Duke St. Alexandria	Va
Advanced Electronics Inc., 1-3	94 Silas Deane Hwy. Rocky Hill	Conn
AIRFLYTE ELECTRONICS CO., 3, Adv Pg 342	**535-9 Avenue A, Bayonne**	**NJ**
Airtronics International Corp., 1-3	Box 8576, Fort Lauderdale	Fla
Allegri-Tech Inc., 1-2-3	141 River Rd. Nutley 10	NJ
ANSLEY MFG CO., ARTHUR, 1-2-3, Adv Pg 554	**New Hope**	**Pa**
Artronic Instrument Co., 3	11232 Triangle Ln. Silver Spring	Md
Beck's Inc., 1-2	290-300 E 5th St. St Paul 1	Minn
Bell Inc., F. W., 2	1356 Norton Ave. Columbus 12	Ohio
C & K Components, Inc., 3	101-103 Morse St. Newton 58	Mass
CTS CORP., 2, Adv Pg 241	**1142 W Beardsley Ave. Elkhart**	**Ind**
Cadre Industries Corp., 1	Box 150, Endicott	NY
Cleveland Metal Specialties Co., 1-2	1783 E 21st St. Cleveland 14	Ohio
Computer Techniques Inc., 1-2-3	3300 Northern Blvd. Long Island City 1	NY
Consolidated Avionics Corp., 1-2	800 Shames Dr. Westbury	NY
CONTROL ELECTRONICS CO. INC., 1-2, Adv Pg 444	**10 Stepar Pl. Huntington Sta**	**NY**
Control Equipment Corp., 3	19 Kearney Rd. Needham Heights 94	Mass
CORNELL-DUBILIER ELECTRONICS DIV. FED PACIFIC ELEC CO., 2, Adv Pgs 148, 149	**50 Paris St. Newark 1**	**NJ**
Corning Glass Works, Corning Electronic Components, 2	550 High St. Bradford	Pa
CURTISS WRIGHT CORP. INTERMTN. BR., 1-2-3, Adv Pg 474	**Box 8324, Albuquerque**	**NM**
Cycle Products Co. Inc., 3	123 Central Ave. Newark 2	NJ
Daystrom Inc. Military Elec. Div., 1-2	Archbald	Pa
Di/An Controls, Inc., 3	944 Dorchester Ave. Boston	Mass
Dynamic Controls Co., 3	2225 Massachusetts Ave. Cambridge	Mass
Eastern Precision Resistor Co., 1-2-3	116-08 Myrtle Ave. Richmond Hill 18	NY
Electrada Corp., 1-2	11244 Playa St. Culver City	Cal
ELECTRALAB PRINTED ELECTRONICS CORP., 1-2-3, Adv Pg 459	**175 A St. Needham Heights 94**	**Mass**
Electro-Ceramics, Inc., 1-2-3	2645 S 2nd W. Salt Lake City 15	Utah
Electronics, Inc. of Pa	2440 Maryland Ave. Willow Grove	Pa
ENGINEERED ELECTRONICS CO., 1-3, Adv Pg 326	**1441 E Chestnut Ave. Santa Ana**	**Cal**
Fecker, J. W. Div. Amer. Optical Co., 1-3	6532 Hamilton Ave. Pittsburgh 6	Pa
General Dynamics Electronics, Inf. Tech Div., 1-2-3	1546 Hancock St. San Diego 12	Cal
General Electric Co. Heavy Military Electronics Dept., 1-3	Court St. Syracuse	NY
GENERAL INSTRUMENT CORP. SEMICONDUCTOR DIV., 1-3, Adv Pgs 278, 279	**65 Gouverneur St. Newark 4**	**NJ**
Good Electronic Corp., 1-2-3	Box 2406, W Palm Beach	Fla
GREENE ELECTRONICS INC., 1-2-3, Adv Pg 432	**1840 Cranston St. Cranston 9**	**RI**
Hatex Inc., 1-2-3	310 E Imperial Hwy. El Segundo	Cal
Harvey Wells Corp., 3	Box 189, Framingham	Mass
Intellux Inc. Scientific Components Div., 2-3	30 S Salsipuedes St. Santa Barbara	Cal
JULIE RESEARCH LABS. INC., 1-3, Adv Pg 392, 393	**603 W 130 St. New York 27**	**NY**
Key Resistor Corp., 1-3	321 W Redondo Beach Blvd. Gardena	Cal
Leach Corp., 1-2-3	18435 Susana Rd. Compton	Cal
Lear Inc., 1-2-3	3171 S Bundy Dr. Santa Monica	Cal
LING-TEMCO ELECTRONICS INC. MICROMODULAR COMPONENTS DIV., 1-3, Adv Pg 223	**1859 S Manchester, Anaheim**	**Cal**
Lumen, Inc., 1-3	Box 905, Joliet	Ill
Marquardt Corp. Pomona Div., 1-2-3	2709 N Garey Ave. Pomona	Cal
Merstan Electronics Corp., 1-3	204 Babylon Tpk. Roosevelt	NY
Martin Co., 1-2	Mail No. G337, Baltimore 3	Md
MicroSemiconductor Corp., 1-2-3	11250 Playa Ct. Culver City	Cal
NAVIGATION COMPUTER CORP., 1, Adv Pg 511	**Valley Forge Ind Park, Norristown**	**Pa**
Network Designers Inc., 1-3	38 E 57th St. New York 22	NY
Oki & Willadsen Ltd., 2	47 Crockford Blvd. Toronto 16	Ont
Omtronics Mfg Inc., 1-3	Box 1419, Peony Pk Sta. Omaha 14	Neb
Onondaga Electronics Div. Speer Carbon Co., 2	1810 W Fayette St. Syracuse 1	NY
OVITRON CORP., 1-2-3, Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
Packard Bell Computer Corp., 1	1905 Armacost Ave. Los Angeles 25	Cal
Performance Measurements Co., 1-2	15120 3rd Ave. Detroit 3	Mich
R-Tronics Corp., 1-3	134-20 Jamaica Ave. Richmond Hill	NY
Radio Corp of America, Electron Tube Div., 1-3	415 S 5th St. Harrison	NJ
RADIO CORP. OF AMERICA SEMICONDUCTOR & MATERIALS DIV., 1-3, Adv Pg Insert Preceding 3rd Cover, 3rd Cover	**Rt 202, Somerville**	**NJ**
Raytheon Co. Semiconductor Div., 3	Gore Bldg. Waltham 54	Mass
Rodale Electronics, 1-2-3	562 Grand Blvd. Westbury	NY
Ross Co., Milton, 1-2-3	239 Jacksonville Rd. Hatboro	Pa
Santa Fe Instruments Inc., 1-3	2343 Jerome Ave. New York 68	NY
Servotex Controls Ltd., 1	Crowborough, Sussex	Eng
Shallcross Mfg Co., 1-3	Selma	NC
Space Electronics Corp., 1	930 Air Way, Glendale 1	Cal
Sparton Corp., 1-2-3	2400 E Ganson St. Jackson	Mich
Speed Electronics Inc., 1-2	177 Mill Ln. Mountainside	NJ
Sprague Electric Co., 1-2-3	125 Marshall St. North Adams	Mass
Straza Industries, 3	790 Greenfield Dr. El Cajon	Cal
Telectro Industries Corp., 1-2-3	35-16 - 37th St. Long Island City 1	NY
Temco Electronics Inc., 1-2-3	108 Cummington St. Boston	Mass
Ultronix Inc., 1-3	111 E 20th Ave. San Mateo	Cal
U. S. Dielectric Products, Inc., 3	98 Adams St. Leominster	Mass
Valor Instruments, Inc., 1-2-3	13214 Crenshaw Blvd. Gardena	Cal
VARO, INC., 1-2-3 Adv Pg 118	**2201 Walnut St. Garland**	**Tex**
VECTOR ELECTRONIC CO., 1, Adv Pg 544	**1100 Flower St. Glendale 1**	**Cal**
Walkirt Co., 1-2-3	141 W Hazel St. Inglewood 3	Cal
Wang Laboratories, Inc., 1-2	12 Huron Dr. Natick	Mass
Wells Electronics Co., 1-3	1701 S Main St. South Bend 23	Ind

MOISTURE CONTROLS See CONTROLS –*MOISTURE*
MOISTURE INDICATORS See INDICATORS –*MOISTURE*
MOISTURE METERS See INDICATORS –*MOISTURE*

MOISTUREPROOFING SERVICES

Electrada Corp	11244 Playa St. Culver City	Cal
Good Electronic Corp	Box 2406 W Palm Beach	Fla
Hi-Lo Mfg Corp	1122 W Newport Ave. Chicago 13	Ill
Lasman, Louis	26 Columbia St. Brookline 46	Mass
Lear Inc	3171 S Bundy Dr. Santa Monica	Cal
Ross Co., Milton	239 Jacksonville Rd. Hatboro	Pa
Sparton Corp	2400 E Ganson St. Jackson	Mich
Speed Electronics Inc	177 Mill Ln. Mountainside	NJ
Telectro Industries Corp	35-16 - 37th St. Long Island City 1	NY
Tricraft Products Corp	1124 W Newport Ave. Chicago 13	Ill
Twin City Metal Seal Corp	801 S E 8th St. Minneapolis 14	Minn
Walkirt Co	141 W Hazel St. Inglewood 3	Cal

MOISTURE RECORDERS See RECORDERS –*MOISTURE*
MOLDED CORES See CORES –*MOLDED MAGNETIC*
MOLDED PAPER PARTS See PAPER
MOLDED PLASTICS See PLASTICS
MOLDING MACHINES See MACHINES –*PLASTICS-MOLDING*
MOLTEN METAL SPRAY MACHINES See MACHINES –*METALLIZING*

MOLYBDENUM

1. FOIL
2. POWDER & PELLETS
3. RIBBON
4. SHEETS, BARS & RODS
TUBING See TUBING –*METALLIC*; WIRE See WIRE –*BARE*

Accurate Specialties Co. Inc., 1-2-3-4	345 Lodi St. Hackensack	NJ
Alloys Unlimited, Inc., 1-2-3-4	21-03 43rd Ave. Long Island City 1	NY
American Silver Co., Inc., 1-3	36-07 Prince St. Flushing 54	NY
Anchor Metal Co., 2-3-4	961 Meeker Ave. Brooklyn 22	NY
Artted Co. Inc., 1	367 Worthington St. Springfield 3	Mass
Associated Engineering & Mfg. Corp., 1-2-3-4	Glen Ridge	NJ
Belmont Smelting & Refining Works, 2	332 Belmont Ave. Brooklyn 7	NY
Bram Metallurgical Chemical Co., 1-2-3-4	827 65 Ave. Philadelphia 26	Pa
Bridgeport Brass Co., 4	30 Grand St. Bridgeport	Conn
City Chemical Corp., 2	132 W. 22nd St. New York 11	NY
Composite Industrial Metals Inc., 1-3	235 Georgia Ave. Providence 5	RI
CROSS CO. H., 1-3, Adv Pg 538	**3229 Bergenline Ave. Union City**	**NJ**
CRUCIBLE STEEL CO OF AMERICA, 4, Adv. Pgs. 160, 161	**Box 88, Pittsburgh 30**	**Pa**
Delta Chemical Works, 1-2-3-4	21 W. 60th St. New York	NY
Electronic Parts Mfg. Co., Inc., 4	508-10 25th St. Union City	NJ
Engineering Sciences Div Amer Metal Prts Co., 2	2000 S State St. Ann Arbor	Mich
Fansteel Metallurgical Corp., 1-2-3-4	2200 Sheridan Rd. N Chicago	Ill
Firth Sterling Inc., 4	3115 Forbes Ave. Pittsburgh	Pa
General Electric Co., Lamp Metals & Components Dept., 1-2-3-4	21800 Tungsten Rd. Cleveland 17	Ohio
Gladding, McBean & Co., 4	1551 S Prospect St. Montrose	Cal
MPC Mfg. Corp., 4	47 Buena Vista Ave. Yonkers	NY
A.D. Mackay, Inc., 1-2-3-4	198 Broadway, New York 38	NY
Materials for Electronics Inc., 2	152-25 138 Ave. Jamaica 34	NY
MILLER FORM TOOL CO. INC., 4, Adv Pg 530	**45 E Sharon St. LeCenter**	**Minn**
Murex Ltd. Powder Metal Div., 1-3-4	Rainham, Essex	Eng
Philips Elmet Corp., 1-2-3-4	Lisbon Rd. Lewiston	Me
REMBAR CO. INC., THE, 1-3-4, Adv Pg 543	**67 Main St. Dobbs Ferry**	**NY**
Semi-Alloys Inc., 1-2-3-4	20 MacQuesten Pkwy. N, Mt. Vernon	NY
Sheldahl Corp., 2	Newfield	NJ
Sylvania Electric Prods., Inc., Chem & Metallurgical Div., 2-4	Towanda	Pa
Sylvania Elec Prods Inc. Sylcor Div., 4	208-20 Willets Point Blvd. Bayside	NY
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 1, Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
United Mineral & Chemical Corp., 1-2-3-4	16 Hudson St. New York 13	NY
United Technical Industries Inc., 2	5521 S Major St. Murray	Utah
Vacuum Technology Inc., 4	5933 Gloria Ave. Van Nuys	Cal
Var-Lac-Oid Chemical Co., 1-2-3-4	116 Broad St. New York 4	NY
Wah Chang Corp., 1-2	233 Broadway, New York 7	NY
Wells Electronics Co., 2-4	1701 S Main St. South Bend 23	Ind
Western Gold & Platinum Co. Sub. Wilbur B. Driver Co., 3	525 Harbor Blvd. Belmont	Cal
Westinghouse-Lamp Div., 2-3-4	Bloomfield	NJ
Westinghouse-Materials Mfg Div., 3-4	Box 128, Blairsville	Pa

MONAURAL PREAMPLIFIERS See AMPLIFIERS – A-F
MONAURAL RECORDERS See RECORDERS –*MAGNETIC TAPE*

MONEL –*SHEETS, BARS, RODS, & STRIP*

American Silver Co., Inc	36-07 Prince St. Flushing 54	NY
Bram Metallurgical Chemical Co	800 65 Ave. Philadelphia 26	Pa
International Nickel Co. Inc	67 Wall St. New York 5	NY
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Semi-Alloys Inc	20 MacQuesten Pkwy. N, Mt. Vernon	NY
Somers Brass Co	94 Baldwin Ave. Waterbury	Conn
Sylvania Elec Prods Inc. Sylcor Div	208-20 Willets Point Blvd. Bayside	NY
Uniform Tubes Inc	Collegeville	Pa

MONEL WIRE See WIRE –*BARE*
MONITORS –*AIR-PARTICLE* See MONITORS –*RADIOACTIVITY*

MONITORS – *A-M & F-M TRANSMITTER*

Philco Corp. Govt & Ind Div	4700 Wissahickon Ave. Phila 44	Pa
RIXON ELECTRONICS INC., Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
Varian Associates	611 Hansen Way, Palo Alto	Cal

MONITORS –*FREQUENCY*

Armstrong Whitworth Equipment	Hucclecote, Gloucester	Eng
Avtron Mfg. Inc	10409 Meech St. Cleveland	Ohio
Biddle Co., James G.	1316 Arch St. Philadelphia 7	Pa
Computer-Measurements Co	12970 Bradley Ave. Sylmar	Cal
ERIE-PACIFIC DIV. ERIE RESISTOR CORP., Adv Pg 206	**12932 S Weber Way, Hawthorne**	**Cal**
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
LAMPKIN LABORATORIES, INC Adv Pg 485	**Bradenton 1**	**Fla**
NORTHERN RADIO CO. INC., Adv Pgs 137-139	**143-145 W 22nd St. New York 11**	**NY**
Nuclear Electronics Corp	2925 N Broad St. Philadelphia 32	Pa
Performance Measurements Co	15120 3rd Ave. Detroit 3	Mich
Philco Corp. Govt & Ind Div	4700 Wissahickon Ave. Phila 44	Pa
Rank Cintel Ltd	Worsley Bridge Rd. London S.E. 26, England	
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
TORWICO ELECTRONICS INC., Adv Pgs 491, 492	**Route 70, Lakewood**	**NJ**
Towaco Electronics	Pine Brook Rd. Towaco	NJ
Varian Associates	611 Hansen Way, Palo Alto	Cal
VARO, INC., Adv Pg 118	**2201 Walnut St. Garland**	**Tex**
Wayne Kerr Corp	1633 Race St. Philadelphia 3	Pa

MONITORS –*MODULATION*

Avtron Mfg. Inc	10409 Meech St. Cleveland	Ohio
Browning Labs., Inc	100 Union Ave. Laconia	NH
Continental Manufacturing Inc	1612 California St. Omaha	Neb

Electronic Products Corp	State & Water Sts, St. Joseph	Mich
General Microwave Corp	47 Gazza Blvd, Farmingdale	NY
JONES ELECTRONICS CO INC, M C, SUB BENDIX CORP Adv Pg 131	185 N Main St. Bristol	Conn
LAMPKIN LABORATORIES, INC Adv Pg 485	Bradenton 1	Fla
Millen Mfg. Co., James	150 Exchange St. Malden	Mass
Nuclear Electronics Corp	2925 N. Broad St, Philadelphia 32	Pa
Philco Corp. Govt & Ind Div	4700 Wissahickon Ave. Phila 44	Pa
Topp Industries, Inc	5221 W. 102 St, Los Angeles 45	Cal
U.S. Science Corp	5221 W. 102nd St, Los Angeles 45	Cal
Varian Associates	611 Hansen Way, Palo Alto	Cal

MONITORS — PHASE

CONTROL ELECTRONICS CO. INC., Adv Pg 444	10 Stepar Pl. Huntington Sta	NY
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
Theta Instrument Corp	520 Victor St. Saddle Brook	NJ
Varian Associates	611 Hansen Way, Palo Alto	Cal
Wiltron Co	717 Loma Verde Ave. Palo Alto	Cal

MONITORS — POWER

1. A-F 2. MICROWAVE 3. R-F

AIRPAX ELECTRONICS INC. SEMINOLE DIV., 1, Adv Pg 106	Fort Lauderdale	Fla
Airtec, Inc., 2	130 E. First Ave, Roselle	NJ
Airtron, Div of Litton Industries, 2	200 E. Hanover Ave, Morris Plains	NJ
Altec Lansing Corp., 1	1515 S Manchester Ave. Anaheim	Cal
Amerac, Inc., 2	Dunham Rd, Beverly	Mass
ARRA CORP., 2, Adv Pg 490	27 Bond St. Westbury	NY
AUTOMATIC METAL PRODUCTS CORP., 2-3, Adv Pg 550	315 Berry Ave. Brooklyn 11	NY
Babcock Electronics Corp., 3	1640 Monrovia Ave. Costa Mesa	Cal
BIRD ELECTRONIC CORP., 3, Adv Pg 239	30303 Aurora Rd. Cleveland 39	Ohio
Bogart Mfg Corp., 2-3	315 Seigel St. Brooklyn 6	NY
Brush-New York Industries Corp., 2-3	460 W 34th St. New York 1	NY
Canadian Marconi Co., 2	2444 Trenton Ave. Montreal	Que
Coax Devices, 2	Box V. Chelsea 50	Mass
Communications Control Corp., 1-3	14707 Keswick St. Van Nuys	Cal
Continental Electronics Mfg Co. Sub Ling-Temco Electronics, Inc., 1-3	4212 S Buckner Blvd. Dallas 27	Tex
DOUGLAS MICROWAVE CO. INC., 2, Adv Pg 235	252 E 3rd St. Mt Vernon	NY
ELECTRO IMPULSE LAB. INC., 2-3, Adv Pg 357	208 River St. Red Bank	NJ
FXR INC., 2-3, Adv Pgs 100, 101	25-26 50th St. Woodside 77	NY
General Communication Co., 2	677 Beacon St, Boston 15	Mass
General Microwave Corp., 2-3	47 Gazza Blvd. Farmingdale	NY
Gilfillan Bros., Inc., 2	1815 Venice Blvd, Los Angeles 6	Cal
Gombos Co. Inc. John, 2	Webro Rd. Clifton	NJ
JONES ELECTRONICS CO. INC., M. C., SUB. BENDIX CORP., 2-3 Adv Pg 131	185 N Main St. Bristol	Conn
Kearfott Div. Gen. Precision Inc. Microwave Prods., 1	14844 Oxnard St. Van Nuys	Cal
Land-Air, Inc., 1-3	7444 W. Wilson Ave, Chicago 31	Ill
Lynch Communication Systems Inc., 1-2-3	695 Bryant St. San Francisco 7	Cal
[illegible] Corp., 2-3	River Rd. Cos Cob	Conn
Microwave Associates, Inc., 2	Burlington	Mass
Microwave Dynamics Corp., 2-3	5 Fairchild Ct. Plainview	NY
Northeast Electronics Corp., 3	P.O. Box 425, Concord	NH
Olympic Radio & TV Div. Siegler Corp., 3	34-01 38 Ave. Long Island City 1	NY
PRD ELECTRONICS INC., 2, Adv. Pgs. 113-116	202 Tillary St. Brooklyn 1	NY
Philco Corp. Govt & Ind Div., 2-3	4700 Wissahickon Ave. Phila 44	Pa
POLARAD ELECTRONICS CORP., 2 Adv Pg 269-272	43-20 34 St. Long Island City 1	NY
R.L.C. Electronics, Inc., 2	105 Mamaroneck Ave, Mamaroneck	NY
Pantec Corp., 1	23[illegible] Ventura Blvd. Calabasas	Cal
RIXON ELECTRONICS INC., 3, Adv Pg 412	2414 Reedie Dr. Silver Spring	Md
SHIMADA PHYSICAL & CHEMICAL INDUSTRIAL CO., 2 Adv Pg 258	415 Shibazakicho.chofu-city, Tokyo	Jap
SIERRA ELECTRONIC CORP., 3 Adv Pgs 128, 129	3885 Bohannon Dr. Menlo Park	Cal
Sigma Electronics Research Corp., 2-3	15725 Ambaum Blvd. Seattle 6	Wash
SONEX INC., 3, Adv Pg 530	20 E Herman St. Philadelphia 44	Pa
Specialty Electronics Development Corp., 2	115 Eileen Way, Syosset	NY
Sperry Microwave Electronics Co., 2	P.O. Box 1828, Clearwater	Fla
TECHNICAL MATERIEL CORP., 3, Adv Pg 346	700 Fenimore Rd. Mamaroneck	NY
Topp Industries, Inc., 3	5221 W. 102 St, Los Angeles 45	Cal
TREPAC CORP. OF AMERICA, 2, Adv Pgs 415, 426	30 W Hamilton Ave. Englewood	NJ
United Shoe Machinery Corp., 2	140 Federal St. Boston	Mass
Varian Associates, 2-3	611 Hansen Way, Palo Alto	Cal
Wayne Kerr Corp., 1-2	1633 Race St. Philadelphia 3	Pa

MONITORS — RADAR

Admiral Corp	3800 W Cortland St. Chicago 47	Ill
Aircraft Armaments, Inc	Cockeysville	Md
BIRD ELECTRONIC CORP., Adv Pg 239	30303 Aurora Rd. Cleveland 39	Ohio
Bogart Mfg Corp	315 Seigel St. Brooklyn 6	NY
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
Gilfillan Bros., Inc	1815 Venice Blvd, Los Angeles 6	Cal
Kearfott Div. Gen. Precision Inc. Microwave Prods	14844 Oxnard St. Van Nuys	Cal
Land-Air, Inc	7444 W. Wilson Ave, Chicago 31	Ill
Marquardt Corp. Pomona Div	2709 N Garey Ave. Pomona	Cal
Maxson Electronics Corp	475 10th Ave. New York 18	NY
Philco Corp., Gov't & Ind'l Div	4700 Wissahickon Ave, Philadelphia 44	Pa
Pitometer Log Corp	237 Lafayette St, New York 12	NY
POLARAD ELECTRONICS CORP Adv Pg 269-272	43-20 34 St. Long Island City 1	NY
Ram Electronics, Inc	600 Industrial Ave, Paramus	NJ
Space Electronics Corp	930 Air Way, Glendale 1	Cal
Sperry Microwave Electronics Co	P.O. Box 1828, Clearwater	Fla
Varian Associates	611 Hansen Way, Palo Alto	Cal

MONITORS — RADIOACTIVITY

Anton Electronic Labs Inc. Div. Lionel Corp	1226 Flushing Ave. Brooklyn 37	NY
Applied Physics Corp	2724 S Peck Rd. Monrovia	Cal
Atomic Accessories Inc	811 W. Merrick Rd, Valley Stream	NY
Communications Control Corp	14707 Keswick St. Van Nuys	Cal
Computing Devices of Can. Ltd	Box 508, Ottawa, Ont.	Can
Cosmic Technological Inc	1028 Connecticut Ave. Washington 6	DC
Eberline Instrument Corp	Box 279 Santa Fe	NM
Isotope Developments Ltd	Birth Rd Beenham, Reading, Berks	Eng
Jordan Electronics Div. Victoreen Ins. Co	121 S Palm Ave. Alhambra	Cal
Kahl Scientific Instrument Corp	737 W Main St. El Cajon	Cal
Nuclear Chicago Corporation	333 E. Howard St, Des Plaines	Ill
Nuclear Measurements Corp.	2463 N Arlington Ave. Indianapolis 18	Ind
Picker X Ray Corp.	White Plains	NY
Ram Electronics, Inc	600 Industrial Ave, Paramus	NJ
St. John X-Ray Laboratory	Califon	NJ
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
Summers & Mills, Inc	911 W. Commerce, Dallas 8	Tex
U. S. Nuclear Corp	801 N. Lake St, Burbank	Cal
VICTOREEN INSTRUMENT CO. COMPONENTS DIV Adv Pg 466, 493	5806 Hough Ave. Cleveland 3	Ohio

MONITORS — VIDEO

1. COLOR 2. MONOCHROME

Argus Cameras Inc Div Sylvania Elec Prods Inc, 2	405 4th St. Ann Arbor	Mich
Bendix Corporation, Friez Instrument Div., 2	1400 Taylor Ave. Baltimore 4	Md
Blonder-Tongue Laboratories, Inc., 2	9 Alling St. Dept. EBG, Newark	NJ
Cetec Corp., 2	1400 Industrial Way, Redwood City	Cal
Conrac Div., 1-2	Glendora	Cal
Dage Div Thompson Ramo Wooldridge, Inc., 2	Michigan City	Ind
Dymec Div. Hewlett - Packard Co., 2	395 Page Mill Rd. Palo Alto	Cal
EMI-Cossor Electronics Ltd., 2	Box 525 Dartmouth NS	Can
Electron Corp., 2	Box 5570, Dallas 22	Tex
Foto-Video Electronics Inc., 1-2	36 Commerce Rd. Cedar Grove	NJ
GPL Div., General Precision, Inc., 2	63 Bedford Rd, Pleasantville	NY
Gates Radio Co., 1-2	123 Hampshire St. Quincy	Ill
Giannini Controls Corp., 2	1600 S Mountain Ave. Duarte	Cal
Hallamore Electronics Div. Siegler Corp., 2	714 N Brookhurst Ave. Anaheim	Cal
Hughes Industrial Systems Div., 1	Bldg 116, Mail Sta 25, Int Airport Sta. Los Angeles 45	Cal
ITI Electronics Inc., 2	369 Lexington Ave, Clifton	NJ
IKEGAMI TSUSHINKI CO. LTD., 1-2, Adv Pg 266	21 Motoki-cho, Kawasakishi, Kanagawa	Jap
Intl. Tel. & Tel. Corp. Ind. Prods. Div., 2	15191 Bledsoe St. San Fernando	Cal
KIN TEL DIV. COHU ELECTRONICS, 2, Adv Pgs 244, 245, 247	5725 Kearny Villa Rd. San Diego 12	Cal
Marconi's Wireless Telegraph Co., Ltd., 1-2	750 Third Ave, New York 17	NY
Miratel, Inc., 2	1 St. SE & Richardson, New Brighton 12	Minn
PACKARD-BELL ELECTRONICS CORP. TECHNICAL PRODUCTS DIV., 1-2, Adv Pg 49	12333 W Olympic Blvd. Los Angeles 64	Cal
Philco Corp., Gov't & Ind'l Div., 2	4700 Wissahickon Ave, Philadelphia 44	Pa
RMS Associates, Inc., 2	805 Mamaroneck Ave. Mamaroneck	NY
Ram Electronics, Inc., 2	600 Industrial Ave, Paramus	NJ
Rank Cintel Ltd., 1-2	Worsley Bridge Rd, London S.E. 26, England	Eng
Sarkes Tarzian, Broadcast Equipment Div., 2	E. Hillside Dr, Bloomington	Ind
Setchell-Carlson, Inc., 2	New Brighton, St Paul 12	Minn
Television Utilities Corp., Div of Nord, 2	300 Denton Ave, New Hyde Park	NY
Tel-Instrument Electronics Corp., 1	728 Garden St, Carlstadt	NJ
Unitized Electronics, Inc., 2	4791 Memphis Ave, Cleveland	Ohio
Whitehall Electronics Corp., 2	1645 Hennepin Ave. Mnpls 3	Minn

MONITORS-VSWR See DETECTORS — STANDING-WAVE
MOTOR CONTROLS See CONTROLS
MOTOR FIELD COILS See COILS

MOTOR-GENERATOR SETS

American Electronics Inc. Precision Power Div	1598 E Ross Ave. Fullerton	Cal
Consolidated Diesel Electric Corp	880 Canal St, Stamford	Conn
Continental Electric Co., Inc	324 Ferry St, Newark 5	NJ
Devco Inc	E Longmeadow	Mass
KEARFOTT DIV. GEN PRECISION INC., Adv Pg 394	Little Falls	NJ
KOLLSMAN MOTOR CORP Adv Pg 194	Mill St. Dublin	Pa
Kurz & Root Co	Appleton	Wisc
Ohio Crankshaft Co. Tocco Div	3800 Harvard Ave. Cleveland 5	Ohio
Western Gear Corp., Electro Prods. Div	132 W. Colorado, Pasadena 1	Cal
Westinghouse-Motor & Gearing Dept	Buffalo	NY

MOTORS

1. FRACTIONAL-HP
2. FRACTIONAL-HP, CONSTANT-TORQUE
3. GEAR
4. PHONOGRAPH
5. REMOTE-CONTROL
6. SERVO
7. SPEED-REGULATION
8. STEPPING (ROTARY-SOLENOID TYPE)
9. SUBFRACTIONAL-HP
10. SUBFRACTIONAL-HP WITH GEAR DRIVE
11. SYNCHRONOUS
12. TIMER & CLOCK

Acro Div. Robertshaw-Fulton Controls Co., 1-2-9-10	2025 E Main, Columbus 16	Ohio
Adel Precision Products Div. Gen. Metals Corp., 1	10777 Vanowen St. Burbank	Cal
AIR-MARINE MOTORS INC., 1-3-9-10-11, Adv Pg 224	369 Bayview Ave. Amityville	NY
AIWA CO. LTD., 4, Adv Pg 264	4 Motosakuma-cho, Kanda Chiyoda-ku, Tokyo	Jap
Allard Instrument Corp., 9	146 E 2nd St. Mineola	NY
Alliance Mfg. Co. Inc., 1-3-4-5-9-10-11-12	Lake Park Blvd. Alliance	Ohio
American Bosch Arma Corp., 1-2	320 Fulton Ave. Hempstead	NY
American Electronics Inc. Electro-Mechanical Div. 1-2-3-9-10-11	1596 E Ross Ave. Fullerton	Cal
American Electronics, Inc., Instrument Div., 6	9503 W. Jefferson Blvd, Culver City	Cal
Anglo Corp., 9-10-11-12	4333 N. Ravenswood Ave, Chicago 13	Ill
Ashland Electric Products, Inc., 1-2-3-4-9-10-11	32-02 Queens Blvd. Long Island City	NY
Atlas Coil Inc., 1-2-6-7-9-10-11	63 Main St. Ansonia	Conn
Barber Colman Co., 1-3-4-5-6-9-10-11	1300 Rock St, Rockford	Ill
Basler Electric Co. Systems Sales, 6	Box 269, Highland	Ill
Bekey Electric Div., Genisco, Inc., 1-2-5-6-7-11	2245 Federal Ave, Los Angeles 64	Cal
BENDIX CORP. MONTROSE DIV., 1-5-6-9-10, Adv Pg 372	South Montrose	Pa
Bill Jack Scientific Instrument Co., 1-11	143 Cedros Ave. Solano Beach	Cal
Bodine Electric Co., 1-2-3-4-5-6-7-9-10-11-12	2500 W Bradley Pl. Chicago 18	Ill
Boehm Co., R. A., 1-2-3-5-7-9-10	58 Brooklyn Ave. Merrick	NY
Bogue Electric Mfg. Co., 6-7	52 Iowa Ave, Paterson 3	NJ
BORG EQUIPMENT DIV. AMPHENOL-BORG ELECTRONICS CORP., 6-9-10-11, Adv Pg 164	120 S Main, Janesville	Wis
BOWMAR INSTRUMENT CORP., 1-3-9-10, Adv Pg 36	8000 Bluffton Rd. Ft Wayne	Ind
Brevel Products Corp., 1-2-3-9-10	601 W 26 St. New York 1	NY
Bristol Motor Div., Vocaline Co of America, 9-10-11-12	Old Saybrook	Conn
Carter Motor Co., 1-2-3-9-10	2746 W George St. Chicago 18	Ill
CELCO CONSTANTINE ENGRG LABS CO., 1-6-9, Adv Pg 45	Box 555, Mahwah	NJ
Century Electric Co., 1-2-3-11	1806 Pine St, St. Louis 3	Mo
Clary Corp., 8	408 Junipero St. San Gabriel	Cal
CLIFTON PRECISION PRODUCTS CO. INC., 6-9-10-11, Adv. Pgs. 242, 243	Marple at Bwy. Clifton Heights	Pa
Continental Electric Co., Inc., 1-2	334 Ferry St, Newark 5	NJ
Control Data Corp., Cedar Engr. Div., 1-2-3-5-6-9-10-11	501 Park Ave, Minneapolis 15	Minn
Cramer Controls Corp., 9-10-11-12	Box 13, Centerbrook	Conn
CURTISS-WRIGHT CORP. ELECTRONICS DIV., 5-6-8, Adv Pg 473	35 Market St. E Paterson	NJ
DALE ELECTRONICS INC., 6-9-11, Adv Pgs 120, 121	Box 488, Columbus	Neb
Daystrom-Transicoil Corp., 6-11	Worcester, Montgomery County	Pa
Diehl Mfg. Co., 6	1129 Finderne Ave, Somerville	NJ
Dynex Industries Inc., 10	170 Eileen Way, Syosset	NY
EASTERN AIR DEVICES INC., 1-2-3-6-7-9-10-11, Adv Pg 454	385 Central Ave. Dover	NH
ECLIPSE PIONEER DIV. BENDIX CORP., 3-5-6-7-8-9-10-11, Adv Pgs 354, 355	Teterboro	NJ
Edison Ind. Thos A. Instr Div. McGraw-Edison Co., 5-11	81 Lakeside Ave. W Orange	NJ
Electric Autolite Co., 1	Champlain St. Toledo 1	Ohio
Electric Indicator Co. Inc., 1-5-6-9-11	Camp Ave. Stamford	Conn
Electric Machinery Mfg. Co., 11	800 Central Ave, Minneapolis 13	Minn
Electric Motors & Specialties, Inc., 1	King & Hamsher Sts. Garrett	Ind
Electro-Actuators Inc. Div. Omega Prec. Inc., 1-2-3-6-7-9-10	757 N Coney Ave. Azusa	Cal
Electro-Rack, Inc., 1	11501 Jefferson Blvd. Culver City	Cal
Emerson Electric Mfg. Co., 1	8100 Florissant Ave, St. Louis 36	Mo
Engineered Magnetics Div., Gulton, 7	13041 Cerise Ave, Hawthorne	Cal
Evershed & Vignoles Ltd., 1-2-6-11	Chiswick, London W. 4, England	Eng
FAE INSTRUMENT CORP., 3-7-10, Adv Pg 428	Norden La. Huntington Station	NY
Fasco Industries Inc., 1-2-4-7-9-11	255 N Union St. Rochester 2	NY
Ford Instrument Co. Div. Sperry Rand Corp., 6-11	31-10 Thomson Ave. Long Island City 1	NY
G-M LABORATORIES INC., 6, Adv Pg 531	4336 N Knox Ave. Chicago 41	Ill
GAP INSTRUMENT CORP., 8, Adv Pg 484	5 Main St. Newtown	Conn
Garrett Corp., The, 1-3-6	9851 Sepulveda Blvd, Los Angeles 45	Cal
General Controls Co., 1	801 Allen Ave, Glendale 1	Cal
GENERAL ELECTRIC CO. APPARATUS SALES, 1-2-3-5-6-8-9-10-11, Adv Pgs 8, 9	1 River Rd. Schenectady 5	NY
General Electric Co., Clock & Timer Dept., 11-12	Ashland	Mass
General Industries Co., 1-2-3-4-5-9	Taylor & Olive Sts. Elyria	Ohio
Genisco, Inc., 1-2-3-6-7-9-10-11	2233 Federal Ave, Los Angeles 64	Cal
Gerst & Co., Paul E., 1-2-3-7-9-11	4868 N Clark, Chicago 40	Ill
Giannini Controls Corp., 1-2-6-8-11	1600 S Mountain Ave. Duarte	Cal
Gleason-Avery Inc., 3-4-9-10-11	Auburn	NY
Globe Industries, Inc., 1-2-3-4-6-7-9-10-11-12	1784 Stanley Ave. Dayton 4	Ohio
Guidance Controls Corp., 3-6	110 Duffy Ave. Hicksville	NY
Hagan Mfg. Co. Div. Gamewell Co., 11-12	104 Walnut St. Baraboo	Wis
Hamilton Standard Div. United Aircraft Corp., 7	Broad Brook	Conn
Hansen Mfg. Co., Inc., 11-12	P. O. Box 23, Princeton	Ind
Harowe Servo Controls Inc., 6-8-9-10-11	Mount Rd. Lenni Mills	Pa
HAYDON CO., A. W., 1-3-5-7-8-9-10-11-12, Adv Pgs 302, 303	238 N Elm St. Waterbury	Conn
Haydon Div., General Time Corp., 1-11-12	500 E. Elm St, Torrington	Conn
Heinz-Mueller Eng Co. Inc., 1-2-3-9-11	4725 Iowa St. Chicago 51	Ill
Helipot Div., Beckman Instruments Inc	2500 Harbor Blvd. Fullerton	Cal
HITACHI LTD., Adv Pg 263	1-4 Marunouchi, Chiyoda-ku, Tokyo	Jap
Holtzer Cabot Div. National Pneumatic Co. Inc., 1-3-6-9-10-11	125 Amory St. Boston 19	Mass
Hoover Electric Co., 1-2-3-6-7	2100 S Stoner Ave. Los Angeles 25	Cal
Howard Industries, 1-2-3	1760 State St. Racine	Wis
Hurst Mfg Corp., 11	Princeton	Ind
Huyck Systems Co., 6-12	390 Wolf Hill Rd. Huntington Sta	NY
HYDRO-AIRE CO. DIV. CRANE CO., 1-2-3-6-9-10-11, Adv Pg 431	3000 Winona Ave. Burbank	Cal
IMC Magnetics Corp. Eastern Div., 1-2-3-6-9-10-11	570 Main St. Westbury	NY
Ingraham Co., 9-11-12	Bristol	Conn
INLAND MOTOR CORP. OF VA., 6, Adv Pg 472	347 King St. Northampton	Mass
International Register Co., 11-12	2620 Washington Blvd, Chicago 12	Ill
Jack & Heintz Div. Siegler Corp., 1-3	Box 6719, Cleveland 1	Ohio
JAPAN PIEZO ELECTRIC CO. LTD., 4, Adv Pg 258	801 Kami-renjaku, Mitaka, Tokyo	Jap
JAPAN SERVO CO. LTD., 3-5-6-8-9-10-11, Adv Pg 258	7 Kanda Mitoshiro-Cho, Chiyoda-ku, Tokyo	Jap
Jonard International Corp., 4-7	124 Madison Ave. New York 22	NY
KEARFOTT DIV. GEN PRECISION INC., 1-2-3-5-6-8-9-10-11, Adv Pg 394	Little Falls	NJ
Ketay Dept., Norden Div., United Aircraft Corp., 6	Jericho Tpke, Commack	NY
Kinetic Instrument Corp., 1-2-3-6-7-9-10-11	1070 Linwood St. Brooklyn 8	NY
Kollsman Instrument Corp Sub Standard Kollsman Ind Inc., 6-11	80-08 45th Ave. Elmhurst 73	NY
KOLLSMAN MOTOR CORP., 3-6-9-10-11, Adv Pg 194	Mill St. Dublin	Pa
L & R Mfg. Co., 1	577 Elm St, Kearny	NJ
Lamb Electric Co., 1-2-3-5-6-9-10-11	Lake St. Kent	Ohio
Land-Air, Inc., 8	7444 W. Wilson Ave, Chicago 31	Ill
Lear Inc., 1-3-5-9-10	3171 S Bundy Dr. Santa Monica	Cal
Lear-Romec Div. Lear, Inc., 1-3	Abbe Rd. Elyria	Ohio
Ledex, Inc., 8	123 Webster St, Dayton 2	Ohio
Leland Airborne Products Div. A M F, 11	Box 128, Vandalia	Ohio
Lesa Const Electromeccaniche SpA., 1-4	21 Via Bergamo, Milano	Italy
Licon Div. Illinois Tool Works, 8	6615 W Irving Park, Chicago 34	Ill
Lundy Mfg Corp., 1-3	Robert Lane, Glen Head	NY
Mamco Corp., 1-4-9-10	532-542 Fourth St. Racine	Wis
Marathon Electric Mfg. Corp., 1-2	Randolph & Cherry Sts, Wausau	Wisc
Mechatrol Div. Servomechanisms, Inc., 3-6-11	1200 Prospect Ave. Westbury	NY
Merkle-Korff Gear Co., 1-3-10	213 N Morgan St. Chicago 7	Ill
Minicord Corp. of America, 9	1913 Atlantic Ave. Atlantic City	NJ
Minn-Honeywell, Brown Instruments Div., 6-11	Wayne & Windrim Aves. Philadelphia 44	Pa
Minn-Honeywell, Military Prods Gr., 6	2600 Ridgway Rd. Minneapolis 13	Minn
MITSUMI ELECTRIC CO. LTD., 5-9, Adv Pg 266	1056-1 Kodechi, Komae-cho Kitatama-gun, Tokyo	Jap
Molon Motor & Coil Corp., 1-3-4-5-9-10	3737 Industrial Ave. Rolling Meadows	Ill
Motodyne Inc., 1-3-7-9-10-11	2221 Barry Ave. Los Angeles	Cal

Motoresearch Co., 1-2-3-9-10	1405 16th St, Racine	Wisc
Muirhead & Co., Ltd., 6-11	Beckenham, Kent, England	
OVITRON CORP., 1-2-3-6-9-10, Adv Pg 540	42-62 Johnes St. Newburgh	NY
Pace Controls Corp, 5-7-9	651 Highland Ave. Needham Hts. 94	Mass
PENNWOOD NUMECHRON CO., 11-12, Adv Pg 550	7249 Frankstown Ave. Pittsburgh 8	Pa
Pesco Products Div. Borg-Warner Corp., 1-9-10	24700 N Miles Rd. Bedford	Ohio
PHOTOCIRCUITS CORP., 1-6, Adv Pg 453	Glen Cove	NY
Power-Tronic Systems, Inc., 2	10-12 Pine Ct. New Rochelle	NY
Radio Div. & Research Corp., 7-11	100 Penna. Ave. Paterson 3	NJ
Rae Motor Corp., 1-2-3-9	Box 518, McHenry	Ill
Redmond Co. Inc., 1-4-9	261 Monroe St. Owosso	Mich
REEVES HOFFMAN DIV. DYNAMICS CORP OF AMER., 1-9 Adv Pg 507	145 Cherry St. Carlisle	Pa
REFLECTONE ELECTRONICS, INC., 3-9 Adv Pg 548	W Main & Myano La. Stamford	Conn
Reynolds Electric Co., 1	3000 River Rd. River Grove	Ill
Robbins & Myers, Inc., 1-9-11	1347 Laganda Ave. Springfield	Ohio
Rotating Components, Inc., 1-3-5-6-9-10-11	267 Green St. Brooklyn 22	NY
ROTAX INC., 1-6-9-11, Adv Pg 469	2209 Federal Ave. Los Angeles 64	Cal
Sangamo Electric Co., 1-6-9-11-12	1201 N 11th St. Springfield	Ill
Servomechanisms/Inc., 1-2-3-6-8-9-10-11	200 N Aviation Blvd. El Segundo	Cal
Servomex Controls Ltd., 6-7	Crowborough, Sussex	Eng
Servo-Tek Products Co., Inc., 1-2-3-5-6-7-10-11	1086 Goffle Rd, Hawthorne	NJ
Siemon Mfg Co., 1-2-3-5-6-7-9-10-11	Box 275, Wayne	Ill
SIGMA INSTRUMENTS INC., 6-8-11, Adv. Pgs. 169-172	180 Pearl St. S Braintree 85	Mass
Small Motors, Inc., 1-2-3-7-9-10-11	2076 Elston Ave. Chicago 14	Ill
Societe Indus. de Sonceboz S. A., 4-6-11-12	Sonceboz	Switz
Speedway Mfg. Co., 1-2-3-9-10	1421 Barnsdale Rd, LaGrange, Park	Ill
Sperry Gyroscope Co. Div. Sperry Rand Corp., 1-2-6-9-11	Great Neck	NY
Steel Co., Herman D., 12	Lafayette Bldg. Philadelphia 6	Pa
Summers Gyroscope Co., 6-9	2500 Broadway, Santa Monica	Cal
Superior Electric Co., The, 2-6-11	383 Middle St. Bristol	Conn
Task Corp., 1-2-3-6-11	1009 E Vermont, Anaheim	Cal
Telecomputing Corp., 1	915 N Citrus Ave. Hollywood	Cal
Tenney Engineering Inc., 7	1090 Springfield Rd. Union	NJ
TOKYO SHIBAURA ELECTRIC CO. LTD., 11, Adv Pg 265	1-1, Uchisaiwai-cho, Chiyoda-ku Tokyo	Jap
Topp Industries, Inc., 8	5221 W. 102 St, Los Angeles 45	Cal
TOYO TRADING CO. LTD., 6-11, Adv Pg 260	P. O. Box 999, Central Tokyo	Jap
Transco Products Inc., 1	12210 Nebraska Ave. Los Angeles 25	Cal
U.S. Electrical Motors, Inc., 1-2-3	202 E. Slauson Ave, Los Angeles 54	Cal
U.S. Science Corp., 7	5221 W. 102nd St, Los Angeles 45	Cal
Universal Electric Co., 1-9	300 E Main St. Owosso	Mich
Uppco Inc., 1-4-9-11	901 S Desplaines St. Chicago 7	Ill
Vactric (Control Equipment) Ltd., 6-11	Sloane St. London SW 1	Eng
Vickers Inc. Electric Products Div., 8	1815 Locust St. St Louis 3	Mo
Vac Line Inc., 7	35 S St. Clair St. Dayton 2	Ohio
Wagner Electric Corp., 1-2-3	6400 Plymouth Ave, St. Louis 33	Mo
Waltham Precision Instrument Co., 9-11-12	221 Crescent St. Waltham 54	Mass
Western Design & Electronics, 1-2-3-5	Santa Barbara Airport, Goleta	Cal
Western Gear Corp. Electro Prods Div., 1-3-6-9-10-11	132 W Colorado St. Pasadena 1	Cal
Westinghouse-Motor & Gearing Dept., 3-6-7-11	Buffalo	NY
Westrex Corp. Div. Litton Industries, 11	540 W 58th St. New York 19	NY
Wright Machinery Co. Div. Sperry Rand Corp., 1-2-3-6-8-9-10-11	Durham	NC
Yuba-Dalmotor Div., 1-2-3-4-7-9-10-11	1375 El Camino Real, Santa Clara	Cal

MOTORS –*PRINTED CIRCUIT WINDINGS*

Allegri-Tech Inc	141 River Rd. Nutley 10	NJ
Haydon Instrument Co	17 Brown St. Waterbury 20	Conn
PHOTOCIRCUITS CORP., Adv Pg 453	Glen Cove	NY

MOTOR SPEED CONTROLS See CONTROLS –*MOTOR SPEED*
MOUNTING FRAMES –*MEMORY CORE, PLUG-IN & PRINTED CIRCUIT BOARD* See FRAMES –*MOUNTING*
MOUNTING PADS –*COMPONENT* See PADS
MOUNTING STRIPS See BOARDS –*TERMINAL STRIP*

MOUNTS –*ANTENNA*
1. AUTO 2. TOWER 3. TV MAST

A G A Corp., 2	1100 Duke St. Alexandria	Va
AINSLIE CORP., 2, Adv Pg 408	531 Pond St. South Braintree 85	Mass
Andrew California Corp., 2	941 E Marylind Ave. Claremont	Cal
ANDREW CORP., 2, Adv Pg 13	P. O. Box 807, Chicago 42	Ill
Antenna Products Co. Div. All Products Co., 2	Box 110, Mineral Wells	Tex
Antlab, Inc., 1	6330 Proprietors Rd. Worthington	Ohio
Applied Electronics Co., 1	213 E. Grand Ave, South San Francisco	Cal
Birdair Structures, Inc., 2	1800 Broadway, Buffalo 12	NY
Blaw-Knox Co., 2-3	300 6th Ave. Pittsburgh 22	Pa
Blonder-Tongue Laboratories, Inc., 3	9 Alling St. Dept EBG, Newark	NJ
Brooks & Perkins, Inc., 2	1950 W Fort St. Detroit 16	Mich
Channel Master Co., 2-3	Ellenville	NY
Clear Beam Antenna Co., 3	21341 Roscoe Blvd, Canoga Park	Cal
CORNELL-DUBILIER ELECTRONICS DIV. FED PACIFIC ELEC CO., 3, Adv Pgs 148, 149	50 Paris St. Newark 1	NJ
COSTELOW CO. INC., 2, Adv Pg 512	121 Kansas Ave. Topeka	Kan
ECLIPSE PIONEER DIV. BENDIX CORP., 1, Adv Pgs 354, 355	Teterboro	NJ
Haydon Corp., 3	400 W 202nd St. New York 34	NY
Hi-Lo Mfg Corp., 3	1122 W Newport Ave. Chicago 13	Ill
J. E. Manufacturing, 2-3	3141 Carroll, Chicago 12	Ill
Kelwood Engineering Co., Inc., 3	265 Colfax Ave, Kenilworth	NJ
Lancs Antenna Corp., 2-1	1730-1802 1st St. San Fernando	Cal
Marconi's Wireless Telegraph Co. Ltd., 2-3	750 3rd Ave. New York 17	NY
Parker Metal Goods Co., 1-3	85 Prescott St. Worcester	Mass
Philco Corp. Govt & Ind Div., 2	4700 Wissahickon Ave. Phila 44	Pa
Premax Products Div., Chisholm-Ryder Co., Inc., 1	Highland & College, Niagara Falls 2	NY
Prodelin Inc., 2	307 Bergen Ave, Kearny	NJ
Radio Merchandise Sales, Inc., 3	2016 Bronxdale Ave. New York 62	NY
ROHN MANUFACTURING CO., 3, Adv Pg 117	Box 2000, Peoria	Ill
Rye Sound Corp	145 Elm St. Mamaroneck	NY
South River Metal Products Co., Inc., 2-3	377 Turnpike, South River	NJ
Spaulding Products Co., 2-3	550 W Barner St. Frankfort	Ind
Spacerity Electronics Development Corp., 2	115 Eileen Way, Syosset	NY
Surface Conduction, Inc., 3	1501 Broadway, New York 36	NY
TECHNICAL APPLIANCE CORP., Adv Pg 523	P.O. Box 38, Sherburne	NY

Telco Electronics Mfg. Co., 1-2-3	400 S Wyman St. Rockford	Ill
Tower Construction Co., 2	2700 Hawkeye Dr, Sioux City	Iowa
Tricraft Products Corp., 3	1124 W Newport Ave. Chicago 13	Ill
Washington Aluminum Co., Inc., 2	Pa RR & Knecht, Baltimore 29	Md
WIND TURBINE CO., 2-3, Adv Pg 388	E Market St. West Chester	Pa
Winegard Co., 3	3000 Kirkwood Ave. Burlington	Iowa

MOUNTS –*BOLOMETER (BARRETTERS & THERMISTORS)*

Airtec, Inc	139 E. First Ave, Roselle	NJ
Ardwin Microlab Inc	21 Spencer St, Stoneham 80	Mass
ARRA CORP., Adv Pg 498	27 Bond St. Westbury	NY
Bart Labs & Design Inc	125 Manchester Pl, Newark 4	NJ
CONTROL ELECTRONICS CO. INC., Adv Pg 444	10 Stepar Pl. Huntington Sta	NY
DeMORNAY-BONARDI CORP., Adv. Pgs. 178, 179	780 S Arroyo Pkwy. Pasadena	Cal
Diamond Antenna & Microwave Corp	River St, Winchester	Mass
DOUGLAS MICROWAVE CO. INC., Adv Pg 235	252 E 3rd St. Mt Vernon	NY
FXR INC., Adv Pgs 100, 101	25-26 50th St. Woodside 77	NY
General Communication Co	677 Beacon St, Boston 15	Mass
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
HEWLETT-PACKARD CO., Adv Pgs 19-34	1501 Page Mill Rd. Palo Alto	Cal
Kearfott Div. Gen. Precision Inc. Microwave Prods	14844 Oxnard St. Van Nuys	Cal
LIECO INC., Adv Pg 398	150 Eileen Way, Syosset	NY
Microtech, Inc	Milldale Rd. Cheshire	Conn
Microwave Associates, Inc	Burlington	Mass
Microwave Components, Inc	Doylestown	Pa
Microwave Dynamics Corp	5 Fairchild Ct. Plainview	NY
Narda Microwave Corp	Plainview	NY
OMEGA LABORATORIES INC., Adv Pg 226	Box 309, Rowley	Mass
PRD ELECTRONICS INC., Adv. Pgs. 113-116	202 Tillary St. Brooklyn 1	NY
Precision Microwave Corp	Main St. Millis	Mass
RADAR MEASUREMENTS CORP Adv Pg 516	190 Duffy Ave. Hicksville	NY
SERVO CORP OF AMERICA, Adv Pg 314	111 New South Rd. Hicksville	NY
Sperry Microwave Electronics Co	P O Box 1828, Clearwater	Fla
TRG Inc	9 Union Sq. Somerville	Mass
United Shoe Machinery Corp	140 Federal St. Boston	Mass
WEINSCHEL ENGINEERING CO., INC Adv Pg 51-54, 55	10503 Metropolitan Ave, Kensington	Md

MOUNTS –*CRYSTAL, MICROWAVE*

Airtec, Inc	139 E. First Ave, Roselle	NJ
Airtron, Div of Litton Industries	200 E. Hanover Ave, Morris Plains	NJ
AMERICAN ELECTRONIC LABS. INC., Adv Pg 362	121 N 7th St. Philadelphia 6	Pa
Ardwin Microlab, Inc	21 Spencer St, Stoneham 80	Mass
ARRA CORP., Adv Pg 498	27 Bond St. Westbury	NY
AUTOMATIC METAL PRODUCTS CORP., Adv Pg 550	315 Berry St. Brooklyn 11	NY
Bogart Mfg Corp	315 Seigel St. Brooklyn 6	NY
BUDD STANLEY CO. INC., Adv Pg 313	175 Eileen Way, Syosset	NY
C W S Waveguide Corp	301 W. Hoffman Ave, Lindenhurst	NY
Caswell Electronics Corp	414 Queens Ln. San Jose 12	Cal
CONTROL ELECTRONICS CO. INC., Adv Pg 444	10 Stepar Pl. Huntington Sta	NY
DeMORNAY-BONARDI CORP., Adv. Pgs. 178, 179	780 S Arroyo Pkwy. Pasadena	Cal
Diamond Antenna & Microwave Corp	River St, Winchester	Mass
Don-Lan Electronics Inc	1131 Olympic Blvd. Santa Monica	Cal
DOUGLAS MICROWAVE CO. INC., Adv Pg 235	252 E 3rd St. Mt Vernon	NY
EMI/US Ltd	1750 N Vine St. Los Angeles 28	Cal
FXR INC., Adv Pgs 100, 101	25-26 50th St. Woodside 77	NY
General Communication Co	677 Beacon St, Boston 15	Mass
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
Graham Mfg. Co., Inc	470 Bridge St, East Greenwich	RI
HEWLETT-PACKARD CO., Adv Pgs 19-34	1501 Page Mill Rd. Palo Alto	Cal
Kearfott Div. Gen. Precision Inc. Microwave Prods	14844 Oxnard St. Van Nuys	Cal
LIECO, INC., Adv Pg 398	150 Eileen Way, Syosset	NY
M.C.S. Corp	1001 S Mountain Ave. Monrovia	Cal
Meridian Metalcraft, Inc	8739 S. Millergrove Dr, Whittier	Cal
MICROLAB, Adv Pg 356	570 W Mt. Pleasant Ave. Livingston	NJ
Microtech, Inc	Milldale Rd, Cheshire	Conn
Microwave Associates, Inc	Burlington	Mass
Microwave Components, Inc	Doylestown	Pa
MICROWAVE CORP. OF AMERICA, Adv Pg 462	P.O. Box 278, Stamford	Conn
Microwave Dynamics Corp	5 Fairchild Ct. Plainview	NY
N. R. K. Microwave Div. Cook Electric Co	4601 W Addison St. Chicago 41	Ill
Narda Microwave Corp	Plainview	NY
OMEGA LABORATORIES INC., Adv Pg 226	Box 309, Rowley	Mass
PRD ELECTRONICS INC., Adv. Pgs. 113-116	202 Tillary St. Brooklyn 1	NY
Precision Microwave Corp	Main St. Millis	Mass
RADAR MEASUREMENTS CORP Adv Pg 516	190 Duffy Ave. Hicksville	NY
Rantec Corp	23999 Ventura Blvd. Calabasas	Cal
Sage Laboratories, Inc	3 Huron Dr, Natick	Mass
SANDERS ASSOCIATES INC., Adv Pg 380	95 Canal St. Nashua	NH
SHIMADA PHYSICAL & CHEMICAL INDUSTRIAL CO., Adv Pg 258	415 Shibazakicho.chofu-city, Tokyo	Jap
Sigma Electronics Research Corp	15735 Ambaum Blvd. Seattle 6	Wash
Sperry Microwave Electronics Co	P.O. Box 1828, Clearwater	Fla
TRG Inc	9 Union Sq. Somerville	Mass
Turbo Machine Co	840 N Main St. Lansdale	Pa
United Shoe Machinery Corp	140 Federal St. Boston	Mass
Victor R.F. & Microwave Co	38 W Water St. Wakefield	Mass
Warren Components Div., El-Tronics	S. Irvine St, Warren	Pa
Waveguide, Inc	1769 Placentia Ave, Costa Mesa	Cal
Waveline, Inc	P.O. Box 718, Caldwell	NJ
WEINSCHEL ENGINEERING CO., INC Adv Pg 51-54, 55	10503 Metropolitan Ave, Kensington	Md

MOUNTS –*KLYSTRON*

Airtec, Inc	139 E. First Ave, Roselle	NJ
Bogart Mfg Corp	315 Seigel St. Brooklyn 6	NY
DeMORNAY-BONARDI CORP., Adv. Pgs. 178, 179	780 S Arroyo Pkwy. Pasadena	Cal
Diamond Antenna & Microwave Corp	River St, Winchester	Mass
DOUGLAS MICROWAVE CO. INC., Adv Pg 235	252 E 3rd St. Mt Vernon	NY
FXR INC., Adv Pgs 100, 101	25-26 50th St. Woodside 77	NY
General Communication Co	677 Beacon St, Boston 15	Mass
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
Graham Mfg. Co., Inc	470 Bridge St, East Greenwich	RI

Kearfott Div. Gen. Precision Inc. Microwave Prods	14844 Oxnard St. Van Nuys	Cal
Microwave Components, Inc	Doylestown	Pa
Narda Microwave Corp	Plainview	NY
OMEGA LABORATORIES INC., Adv Pg 226	Box 309, Rowley	Mass
P.B.R. Mfg. Co	H & Luzerne Sts, Philadelphia 24	Pa
PRD ELECTRONICS INC., Adv. Pgs. 113-116	202 Tillary St. Brooklyn 1	NY
Precision Microwave Corp	Main St. Millis	Mass
Sigma Electronics Research Corp	15735 Ambaum Blvd. Seattle 6	Wash
TRG Inc	9 Union Sq. Somerville	Mass
United Shoe Machinery Corp	140 Federal St. Boston	Mass
Victor R.F. & Microwave Co	38 W Water St. Wakefield	Mass

MOUNTS –*VIBRATION & SHOCK*

Allied Research Associates Inc	43 Leon St. Boston 15	Mass
American Felt Co	10 Glenville Rd, Glenville	Conn
Barry Controls Div. Barry Wright Corp	711 Pleasant St. Watertown 72	Mass
General Tire & Rubber Co	Akron	Ohio
Goodrich Industrial Prods. Co., B. F	500 S Main St. Akron 18	Ohio
I-T-E Circuit Breaker Co	601 E Erie Ave. Philadelphia 34	Pa
Johnson & Co., Inc., K.W.	1825 Webster St, Dayton 4	Ohio
Korfund Co. Inc	Cantiague Rd. Westbury	NY
Lord Mfg. Co	1635 W. 12th St, Erie	Pa
MB ELECTRONICS A DIV. OF TEXTRON ELECTRONICS INC., Adv Pg 353	Box 1825, New Haven 8	Conn
Minor Rubber Co., Inc	49 Ackerman St, Bloomfield	NJ
Raybestos-Manhattan Inc	61 Willett St. Passaic	NJ
Remler Co.	2101 Bryant St. San Francisco 10	Cal
Roberts Toledo Rubber Co	4141 Monroe St. Toledo	Ohio
Robinson Vibrashock Div. Robinson Tech Prods Inc	Teterboro Air Terminal, Teterboro	NJ
U.S. Rubber Co	1230 Ave of the Americas, New York 20	NY
VIBRACHOC S. A., Adv Pg 382	39 Rue des Mathurins, Paris	Fr

MOVING See SHIPPING SERVICES
MOVING COIL FORMS See METER COIL FORMS
MULTI-BAND ANTENNAS See ANTENNAS –*COMMUNICATION*
MULTI-CHANNEL ANALYZERS See ANALYZERS –*PULSE-HEIGHT*
MULTI-CHANNEL RECORDERS See RECORDERS –*GRAPHIC*
MULTICOUPLERS See COUPLERS
MULTIMETERS See VOLT-OHM-MILLIAMMETERS
MULTIPLEXERS –*SWITCHES* See COMMUTATORS –*SWITCHING*
MULTIPLEX RADIO CARRIER SYSTEMS See COMMUNICATION SYSTEMS
MULTIPLEX RECEIVERS See RECEIVERS –*RADIO COMMUNICATION*
MULTIPLEX SYSTEMS See COMMUNICATION SYSTEMS
MULTIPLEX TRANSMITTERS See TRANSMITTERS –*RADIO COMMUNICATION*
MULTIPLEX WIRELINE CARRIER SYSTEMS See COMMUNICATION SYSTEMS
MULTIPLIER PHOTOTUBES See TUBES –*PHOTOTUBES*

MULTIPLIERS –*COMPUTER*
1. ELECTRONIC *4. SERVO*
2. FUNCTION *5. TIME-SHARED*
3. QUARTER-SQUARE

Autronics, Inc., 1	5520 Dorsey Ln, Washington 16	DC
Applied Dynamics, Inc., 1-3-4-5	Box 612, Ann Arbor	Mich
Chadwick Helmuth Co., 1	472 E. Duarte Rd, Monrovia	Cal
Chance Vought Corp. Vought Electronics Div., 4	Box 1500, Arlington	Tex
Clary Corp., 1	408 Junipero St. San Gabriel	Cal
Colorado Research Corp., 1	Broomfield	Colo
Computer Sciences, Inc., 4	603 Main St. Westbury	NY
Computer Techniques Inc., 1-5	3000 Northern Blvd. Long Island City 1	NY
Computers Inc., 1-2	3407 S Shepherd Dr. Houston 6	Tex
Consolidated Avionics Corp., 1	800 Shames Dr. Westbury	NY
Control Equipment Corp., 1	19 Kearney Rd. Needham Heights 94	Mass
Data Equipment Co., 1-2-3-4-5	521 E. 3rd St, Los Angeles 13	Cal
Daystrom Inc. Military Elec. Div., 1-2	Archbald	Pa
Device Development Corp., 1	428 Boston Post Rd, Weston 93	Mass
Djeco Div. Dynadyne Eng. Co., 1	1933 N Damen, Chicago 47	Ill
Donner Scientific Co., 1-2-3-4-5	888 Galindo St. Concord	Cal
Dymec Div., Hewlett-Packard Co., 1	395 Page Mill Rd. Palo Alto	Cal
Electronic Associates, Inc., 1-2-3-4-5	Long Branch	NJ
Epsco-West, 1-2-5	240 E. Palais Rd, Anaheim	Cal
Feedback Controls Inc., 1-2-3-4	8 Erie Drive, Natick	Mass
Ford Instrument Co. Div. Sperry Rand Corp., 1-4	31-10 Thomson Ave. Long Island City 1	NY
Foxboro Co., The, 1	Foxboro	Mass
FRONTIER ELECTRONICS CO., 1, Adv Pg 193	4606 Memphis Ave. Cleveland 9	Ohio
GPS Instrument Co., Inc., 3	180 Needham St, Newton 64	Mass
GENERAL APPLIED SCIENCE LABS. INC., 1-2, Adv Pg 525	Merrick & Stewart Aves. Westbury	NY
INDUSTRIAL TEST EQUIPMENT CO., 1, Adv Pg 422	55 E 11th St. New York 3	NY
Intectron Inc., 3	2300 Washington St. Newton Lower Falls	Mass
KEARFOTT DIV. GEN PRECISION INC., 4, Adv Pg 394	Little Falls	NJ
Lear Inc., 1-4-5	3171 S Bundy Dr. Santa Monica	Cal
Link Div. Gen. Precision Inc., 4	Binghamton	NY
MacLaren & Co. Inc., F. B., 4	15 Stepar Pl. Huntington Station	NY
Marquardt Corp. Pomona Div., 1-2-3-4-5	2709 N Garey Ave. Pomona	Cal
Martin Co., 1	Mail No. G3037, Baltimore 3	Md
Mid-Tronics Mfg. Co. Inc., 2	2019 Westchester Ave. New York 62	NY
Mercor Electronics Corp., 1-4	41 Toledo St. Farmingdale	NY
Millitest Co., 4	88 Madison Ave. Hempstead	NY
NAVIGATION COMPUTER CORP., 1, Adv Pg 511	Valley Forge Ind Park, Norristown	Pa
Newton Co., 1	55 Elm St. Manchester	Conn
PHILBRICK RESEARCHES INC., GEORGE A., 1-2-3-5, Adv Pg 166	127 Clarendon St. Boston 16	Mass
Philco Corp. Govt & Ind Div., 1-4	4700 Wissahickon Ave. Phila 44	Pa
Power-Tronic Systems, Inc., 1	10-12 Pine Ct. New Rochelle	NY
Radiation at Stanford, 1-5	3180 Hanover St. Palo Alto	Cal
Reeves Instrument Corp., 1-3-4	Roosevelt Field, Garden City	NY
SERVO CORP OF AMERICA, 4, Adv Pg 314	111 New South Rd. Hicksville	NY
Sierra Research Corp., 1	Box 22, Buffalo 25	NY
Solartron, Inc., 1-4	1742 S. Zeyn St, Anaheim	Cal
Space Electronics Corp., 1	930 Air Way, Glendale 1	Cal
Taylor Instrument Cos., 4	95 Ames St. Rochester	NY
Technical Products Co., 1	6670 Lexington Ave. Los Angeles 38	Cal
Victor Adding Machine Co., 1	3900 N Rockwell St. Chicago 18	Ill
Wang Laboratories, Inc., 1	12 Huron Dr. Natick	Mass

MULTIPLIERS -*FREQUENCY* See **GENERATORS** -*SIGNAL, HARMONIC*

MULTIPLIERS -*METER*

BALLANTINE LABS. INC., Adv Pg 156	**Boonton**	**NJ**
Canadian Research Institute	85 Curity Dr. Don Mills	Ont
Data Equipment Co	... E 3rd St, Los Angeles 13	Cal
Simpson Electric Co. Div. American Gage & Machine Co	5218 W Kinzie St. Chicago 44	Ill

MULTIRANGE METERS See **VOLT-OHM-MILLIAMMETERS**
MULTITESTERS See **VOLT-OHM-MILLIAMMETERS**
MULTIVIBRATORS See **MODULES** -*ACTIVE*
MUSICAL INSTRUMENT AMPLIFIERS See **AMPLIFIERS - A-F**

MUSIC SYSTEMS -*INDUSTRIAL AND COMMERCIAL*

Browning Labs., Inc	100 Union Ave, Laconia	NH
EMI-Cossor Electronics Ltd	Box 525 Dartmouth NS	Can
Karg Laboratories, Inc	162 Ely Ave, South Norwalk	Conn
Schober Organ Corp	43 W 61 St, New York 23	NY
Telectro Industries Corp	35-16 - 37th St. Long Island City 1	NY
Utah Electronics Corp	1124 E Franklin St. Huntington	Ind
Wurlitzer Co	North Tonawanda	NY

NAILS -*SPECIAL*

ALLMETAL SCREW PRODUCTS CO. INC., Adv Pg 66	**821 Stewart Ave. Garden City**	**NY**
Anti-Corrosive Metal Products Co. Inc.	Castleton-on-Hudson	NY
Chase Brass & Copper Co., Inc	236 Grand St, Waterbury 20	Conn
Hassall, Inc., John	P.O. Box 2242, Westbury	NY
I. E. Manufacturing	3041 Carroll, Chicago 12	Ill
Ray Proof Corp	843 Canal St. Stamford	Conn

NAMEPLATES
1. PRESSURE-SENSITIVE — *3. SHEET PLASTIC*
2. SHEET METAL — *4. UNPRINTED, SENSITIZED MATERIAL*

Acromark Co. The, 1-2-3	323 Morrell St. Elizabeth	NJ
Actioncraft Products, 3	2 Yennicock Ave, Port Washington	NY
Allegheny Plastics Inc., 3	10 Thorn Run Rd. Coraopolis	Pa
Allegri-Tech Inc., 2-3	141 River Rd. Nutley 10	NJ
Allied Circuit Techniques, Ltd., 1-2-3	29 Brock St N., Oakville, Ontario, Canada	
Ampower Corp., 4	50 Broad St. New York 4	NY
Avery Label Co., 1-4	1616 S California Ave. Monrovia	Cal
Bemis Bro Bag Co., 1	111 N 4th St. Box 70, St Louis 2	Mo
BODNAR PRODUCTS CORP., 3, Adv Pg 460	**238 Huguenot St. New Rochelle**	**NY**
Brady Co., W.H., 1	727 West Glendale Ave, Milwaukee 12	Wisc
C & H Supply Co., 1-2	415 E Beach Ave. Inglewood	Cal
Canadian Radium & Uranium Corp., 2-3	630 Fifth Ave, New York 20	NY
Carroll Pressed Metal, Inc., 2	133 Dewey St, Worcester	Mass
Chicago Thrift-Etching Corp., 1-2	1555 N Sheffield Ave. Chicago 22	Ill
Cleveland Metal Specialties Co., 2-3	1783 E 21st St. Cleveland 14	Ohio
Colorado Research Corp., 1-2-3	Broomfield	Colo
Conn-Craft Co., 2-3	30 Fairview Ave. Waterbury	Conn
Continental-Diamond Fibre Corp., 3	Newark 100	Del
Cortland Industries, Inc., 3	4545 Cortland St, Chicago 39	Ill
Couronne, Inc., 1-2-3	6247 Howard St, Chicago 48	Ill
Crystal-X Corp., 3	403 Lenni Rd. Lenni Mills 2	Pa
Dean Plastics Inc., 3	110 Herbert Ave. Closter	NJ
Dietz Co., Inc., Henry G., 1-2-4	12-16 Astoria Blvd, Long Island City 2	NY
Dura Plastics of New York, Inc., 2-3	303 Fifth Ave, New York 16	NY
Durwin Corp., 1-3	1025 Race St, Philadelphia 7	Pa
Electric Autolite Co., 2	Champlain St. Toledo 1	Ohio
Electro-Chemical Engraving Co Inc., 1-2	1100 Brook Ave, New York 56	NY
Electro-Kraft, Inc., 2	11901 Jefferson Blvd, Culver City	Cal
Emeloid Co., Inc., 1-3	1239 Central Ave, Hillside 5	NJ
Emmco Plastics Corp., 3	68 Vine St. Everett	Mass
Etching Corp. of Cal. Div. Allegri-Tech Inc., 1-2	865 Hinkley Rd. Burlingame	Cal
Eugene Engineering Co. Inc., 2	1217 Hyde Park Ave. Hyde Park 36	Mass
Ever Ready Label Corp., 1-2-4	357 Cortlandt St. Belleville 9	NJ
Farwest Mfg. Div. Inc., 3	209 1st St. Seattle	Wash
Fary Co., Neil, 1-2-3	133 La Patera Ave. Goleta	Cal
Fisher & Crane, 3	107 N. Canal St. Philadelphia 7	Pa
Forest City Products, Inc., 1-3	722 Bolivar Rd, Cleveland 15	Ohio
Formica Corp., 3	4587 Spring Grove Ave. Cincinnati 32	Ohio
Franklin Fibre-Lamitex Corp., 1-3	Box 1768, Wilmington	Del
Gemex Corp. Industrial Div., 2	1200 Commerce Ave. Union	NJ
HX Metal Craft Mfg Corp., 2	3775 Tenth Ave. New York 34	NY
HALLICRAFTERS CO., 4, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
Henry & Miller Industries, Inc., 2	675 Garfield Ave, Jersey City 5	NJ
Hermes Plastics Inc., 1-2-3	154 W 14th St. New York 11	NY
Hermes Sonic Corp., 2-3	13-19 University Pl. New York	NY
Industrial Engravers, Inc., 2-3	2212 McDonald Ave, Brooklyn 23	NY
Kail Engineering Products Inc., 2-3-4	6833 Manchester, St. Louis 10	Mo
Klann Organ Supply Co., 3	Box 238, Waynesboro	Va
Krengel Mfg. Co., Inc.	227 Fulton St, New York 7	NY
Laminated Fabricators, 3	1145 San Mateo Ave. San Bruno	Cal
Laminated Sheet Products Corp., 3	449 Neponset St. Norwood	Mass
Lansky Die Cutting Corp., 1-3	473 President St. Brooklyn 15	NY
Long, Inc., Thomas J., 3	215 Stonehinge Lane, Carle Place	NY
Mahler Research Foundation, 1-2-3-4	Box 1159, New York 1	NY
Master Tape Printers Inc., 1	3400 N Halsted St. Chicago 13	Ill
Matthews & Co. James H., 2	3021 Forbes Ave. Pittsburgh 13	Pa
Metalphoto of Cincinnati, 1-4	7 E 75th St. Cincinnati	Ohio
Metalphoto Corp., 4	6811 Superior Ave. Cleveland 3	Ohio
Meyercord Co., 1	5323 W. Lake St. Chicago 44	Ill
MICO INSTRUMENT CO., 3, Adv Pg 514	**77 Trowbridge St. Cambridge 38**	**Mass**
Monroe Industries, Inc., 2-3	932 36 St S.E., Grand Rapids 8	Mich
National Decalcomania Corp., 1	238 N. 60 St, Philadelphia	Pa
Nelson Electric Mfg Co., 3	Box 5385, Tulsa 16	Okla
New England Etching Co., Inc., 1-2-3	25 Spring St, Holyoke	Mass
NEW HERMES ENGRAVING MACHINE CO., 3, Adv Pg 254	**154 W. 14th St, New York 11**	**NY**
Ola & Wilkadsen, Ltd., 1-2-3	47 Crockford Blvd, Toronto 16, Ontario, Canada	
P I C Design Corp., Sub of Benrus Watch Co., Inc., 2	477 Atlantic Ave, East Rockaway	NY
Park Electrochemical Corp., 1-2	34-10 Linden Pl. Flushing 54	NY
Pee Cee Tape & Label Co., Inc., 1	521 N. La Brea Ave, Los Angeles	Cal
Penn Fibre & Specialty Co., 3	2020 E Westmoreland St. Phila. 34	Pa
Plancramics Inc., 3-4	631 E 1st St. Boston 27	Mass
Precision Engraving Co., 1-2-3	13 Ridgedale Ave. Hanover	NJ
Precision Metal Products Co. of Malden, 3	41 Elm St. Stoneham 80	Mass
Ramar Plastics Inc., 3	1311 E. Main St, St. Charles	Ill
Ross Co., Milton, 3	739 Jacksonville Rd. Hatboro	Pa
Sierra Electric Corp., 3	15100 S. Figueroa St, Gardena	Cal
Sillcocks-Miller Co., 1-3	Maplewood	NJ
STAFFORD MFG. CO. INC., 1-2-3-4, Adv Pg 124	**145 58th St. Brooklyn 20**	**NY**
Swenson Co., Inc., V.H., 3	562 Elm St, Kearny	NJ
Tadco Mfg Inc., 1-3-4	Box 741, Gloucester	Mass
Topflight Corp., 1	160 E Ninth Ave. York	Pa
Unisco, Inc., 1-2-3	1061 Linden Ave, Ridgefield	NJ
U.S. RADIUM CORP., 2-3, Adv Pg 200	**P.O. Box 246, Morristown**	**NJ**
Waldom Electronics, Inc., 2	4621 W. 53rd St, Chicago 32	Ill
Westline Products Div., Western Litho. Co., 1	600 E. 2nd St, Los Angeles 54	Cal

NARROW-BAND AMPLIFIERS See **AMPLIFIERS - A-F**
NARROW-BAND I-F AMPLIFIERS See **AMPLIFIERS - I-F**
NARROW-BAND R-F AMPLIFIERS See **AMPLIFIERS - R-F**
NATURAL MICA See **MICA**
NATURAL RUBBER See **RUBBER**
NAVIGATION COMPUTERS See **COMPUTERS** -*SPECIAL*
NAVIGATION RECEIVERS See **RECEIVERS** -*RADIO NAVIGATION*
NAVIGATION SYSTEMS See **GUIDANCE SYSTEMS: INFRARED: LORAN: RADAR: SHORAN**
NAVIGATION TRANSMITTERS See **TRANSMITTERS** -*RADIO NAVIGATION*
NEEDLE BEARINGS See **BEARINGS**

NEEDLES
1. CUTTING — *3. PLAYBACK, METAL*
2. PLAYBACK, DIAMOND — *4. PLAYBACK, SAPPHIRE*

AIWA CO. LTD., 2-3-4, Adv Pg 264	**4 Motosakamo-cho, Kanda Chiyoda-ku, Tokyo**	**Jap**
Astatic Corp., The, 1-2-3-4	Conneaut	Ohio
Bogen-Presto Div., Siegler Corp., 1-3-4	P.O. Box 500, Paramus	NJ
CBS Electronics, Div., CBS, Inc., 2-3-4	100 Endicott St, Danvers	Mass
Capps & Co. Inc., 1-4	20 Addison Pl. Valley Stream	NY
Clevite-Walco, 1-2-3-4	60 Franklin St, East Orange	NJ
Duotone Co. Inc., 1-2-3-4	Locust St. Keyport	NJ
Electro Voice, Inc., 2-3-4	Buchanan	Mich
Fairchild Recording Equip Co., 1-2	10-40 - 45th Ave. Long Island City 1	NY
Fen-Tone Corp., 2-4	106 Fifth Ave, New York 11	NY
Fidelitone Microwave Inc., 1-2-3-4	6415 N Ravenswood Ave. Chicago 26	Ill
JAPAN PIEZO ELECTRIC CO. LTD., 4, Adv Pg 258	**801 Kami-renjaku, Mitaka, Tokyo**	**Jap**
Jensen Industries, Inc., 1-2-3-4	7333 W Harrison, Forest Park	Ill
KELLER, JR. JEWELS, HUGO, 4, Adv Pg 504	**50 E 42 St. New York 17**	**NY**
Pacific Transducer Corp., 2-4	11836 W. Pico Blvd, Los Angeles 64	Cal
Pfanstiehl Chemical Corp., 2-3-4	104 Lake View Ave, Waukegan	Ill
Radio Mfg. Engineers, Div., Electro Voice, Inc., 2-3-4	Buchanan	Mich
Recoton Corp., 1-2-3-4	52-35 Barnett Ave, Long Island City 4	NY
SONOTONE CORP., 2-4 Adv Pg 375	**Elmsford**	**NY**
Swiss Jewel Co., 4	Lafayette Bldg, Philadelphia 6	Pa

NEEDLE-SCRATCH FILTERS See **FILTERS**

NETWORKS
1. CROSSOVER — *4. PULSE-FORMING*
2. MATCHING — *5. TEMPERATURE COMPENSATING*
3. PHASING, DIRECTIONAL ANTENNA

AC Electronics, Inc., 2-4	11725 Mississippi Ave. Los Angeles 25	Cal
ACDC ELECTRONICS, INC., 1-2-4-5, Adv Pg 182	**2979 N Ontario St. Burbank**	**Cal**
A G A Corp., 4	1200 Duke St. Alexandria	Va
A-T ELECTRONICS INC., 3, Adv Pg 390	**Box 1841, New Haven 8**	**Conn**
Airtron, Div of Litton Industries, 2-3	200 E Hanover Ave. Morris Plains	NJ
Airtronics International Corp., 2	Box 8576, Fort Lauderdale	Fla
AIWA CO. LTD., 1, Adv Pg 264	**4 Motosakamo-cho, Kanda Chiyoda-ku, Tokyo**	**Jap**
ALFORD MFG. CO., Adv Pg 78	**299 Atlantic Ave. Boston**	**Mass**
Altec Lansing Corp., 1-2	1515 S Manchester Ave. Anaheim	Cal
AMP INC., 4, Adv Pgs 65, 183	**Eisenhower Blvd. Harrisburg**	**Pa**
Andrew California Corp., 2-3	941 E Maryland Ave. Claremont	Cal
ARCO ELECTRONICS INC., 5, Adv Pgs 14, 15, 200	**Community Dr. Great Neck**	**NY**
Artronic Instrument Co., 4	11232 Triangle Ln. Silver Spring	Md
Atchley Div., Raymond, 4	2339 Cotner Ave. Los Angeles 64	Cal
AXEL ELECTRONICS INC., 4, Adv Pg 398	**134-20 Jamaica Ave. Jamaica 18**	**NY**
Baldwin-Lima Hamilton Corp., 5	42 4th Ave. Waltham 54	Mass
Bayly Engineering Ltd., 1-2-4	Hunt St. Ajax	Ont
Bellaire Electronics, Inc., 5	62 White St, Red Bank	NJ
Bogart Mfg Corp., 3	315 Seigel St. Brooklyn 6	NY
Bundy Electronics Corp., 2	173 Fabyan Pl, Newark	NJ
Burnac Electronics Co., Inc., 4	142 S. Long Beach, Rockville Center	NY
Calbest Electronics Co., 1	4801 Exposition Blvd. Los Angeles 16	Cal
Canadian Marconi Co., 2-4	2444 Trenton Ave. Montreal	Que
Chu Associates, 3	Box 387, Littleton	Mass
Cinema Engineering Div. Aerovox Corp., 2	1100 Chestnut St. Burbank	Cal
Continental Electronics Mfg Co. Sub Ling-Temco Electronics, Inc., 2-3	4212 S Buckner Blvd. Dallas 27	Tex
CORSON ELECTRIC MFG CORP., 4, Adv Pg 412	**540 39th St. Union City**	**NJ**
DALE ELECTRONICS INC., 5, Adv Pgs 120, 121	**Box 488, Columbus**	**Neb**
DAVEN CO., 2-5, Adv Pg 187	**Rt. 10, Livingston**	**NJ**
Daystrom Inc. Military Elec. Div., 1-2-4	Archbald	Pa
Deeco Instruments, 2	14737 Arminta St. Van Nuys	Cal
Dresser Electronics, HST Div., 4	555 N 5th St. Garland	Tex
Electrada Corp., 3	11244 Playa St. Culver City	Cal
Electrodynamic Instrument Corp., 1-2	1841 Old Spanish Trail, Houston 25	Tex
El-Rad Mfg Co., 1-4	4300 N California Ave. Chicago 18	Ill
Epsco Inc. Components Div., 4	275 Massachusetts Ave. Cambridge 39	Mass
FXR INC., 3-4, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Field Emission Corp., 4	611 3rd St. McMinnville	Ore
Filtron Co., Inc., 4	131-15 Fowler Ave, Flushing	NY
General Dynamics/Electronics, Info Tech Div., 4	1895 Hancock St. San Diego 12	Cal
GENERAL ELECTRIC CO. APPARATUS SALES, 4, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
GENERAL RESISTANCE INC., 5, Adv Pg 514	**430 Southern Blvd. New York 55**	**NY**
Gilfillan Bros., Inc., 4	1815 Venice Blvd, Los Angeles 6	Cal
Hi-Lo Mfg. Corp., 2-3	1122 W. Newport Ave, Chicago 13	Ill
JFD ELECTRONICS CORP., 4, Adv Pgs 406, 407	**6101 16th Ave. Brooklyn 4**	**NY**
Jensen Mfg. Co., Div of The Muter Co., 1	6601 S. Laramie Ave, Chicago 38	Ill
Jerrold Electronics Corp., 1	15th & Lehigh, Philadelphia 32	Pa
JULIE RESEARCH LABS. INC., 2 Adv Pg 392, 393	**603 W. 130 St. New York 27**	**NY**
Katay Dept. Norden Div. United Aircraft Corp., 1	Jericho Tnpk. Commack	NY
Key Resistor Corp., 2-5	321 W Redondo Beach Blvd. Gardena	Cal
Lansing Sound, Inc., James B., 1	3249 Casitas Ave, Los Angeles 39	Cal
Lumen, Inc., 2-5	Box 905, Joliet	Ill
Marstan Electronics Corp., 2-5	204 Babylon Tnpk. Roosevelt	NY
Metropolitan Telecommunications Corp., 1-2-5	Ames Ct. Plainview	NY
Millen Mfg. Co., James, 4	150 Exchange St, Malden	Mass
Miller Co., J.W., 1-2	5917 S Main St. Los Angeles 3	Cal
MODEL ENG. & MFG. CORP., 4, Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Network Designers Inc., 4	38 E 57th St. New York 22	NY
ORTHO PRECISION RESISTORS INC., 1-2-5, Adv Pg 286	**7 Peterson St. Paterson 1**	**NJ**
OVITRON CORP., 1-2-3-4, Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
PCA ELECTRONICS INC., 4, Adv Pg 208	**16799 Schoenborn St. Sepulveda**	**Cal**
Peer Inc., 2-3	2624 Shelby St. Dallas 19	Tex
Plastic Capacitors, Inc., 4	2620 N. Clybourn Ave, Chicago 14	Ill
Pulse Engineering Inc., 4	560 Robert Ave. Santa Clara	Cal
R-Tronics Corp., 2-5	134-20 Jamaica Ave. Richmond Hill	NY
Radio Mfg. Engineers, Div., Electro Voice, Inc. 1-2	Buchanan	Mich
Remanco Inc., 2-4	1805 Colorado, Santa Monica	Cal
Rodale Electronics, 4	562 Grand Blvd. Westbury	NY
SEG ELECTRONICS CO. INC., 2, Adv Pg 529	**12 Hinsdale St. Brooklyn 7**	**NY**
Sherwood Electronic Labs., Inc., 1	4300 N. California Ave, Chicago 18	Ill
Sonograf Electric Co	35 E 28th St. New York 16	NY
Space Electronics Corp., 3	930 Air Way, Glendale 1	Cal
Sparton Corp., 4	2400 E Ganson St. Jackson	Mich
Sperry Microwave Electronics Co., 3-4	Box 1828, Clearwater	Fla
TECHNICAL APPLIANCE CORP., 2-3, Adv Pg 523	**P.O. Box 38, Sherburne**	**NY**
Technitrol Engineering Co., 4	1952 E Allegheny Ave. Phila. 34	Pa
Transonic, Inc., 1-2	808 14th St, Bakersfield	Cal
Transval Electronics Corp., 4	2030 Maple Ave, El Segundo	Cal
Tricraft Products Corp., 2-3	1124 W. Newport Ave, Chicago 13	Ill
Ultronix Inc., 2-5	111 E 20th Ave. San Mateo	Cal
University Loudspeakers Inc., 1-2	80 S Kensico Ave. White Plains	NY
Utah Electronics Corp	1124 E Franklin St. Huntington	Ind
Valor Instruments, Inc., 2-4-5	13214 Crenshaw Blvd. Gardena	Cal
Vanguard Electronics Co., 4	3384 Motor Ave, Los Angeles 34	Cal
Vidaire Electronics Mfg. Corp., 1-2	365 Babylon Tnpk. Roosevelt	NY
Waber Electronics, Inc., 1-2	Hancock & Somerset, Philadelphia 33	Pa
Wells Electronics Co., 2-4	1701 S Main St. South Bend 23	Ind
Wilcox Electric Co., 4	1400 Chestnut St. Kansas City	Mo

NEUTRON COUNTERS See **COUNTERS** -*NUCLEAR-PARTICLE*

NICKEL & NICKEL ALLOYS
1. FOIL — *4. SHEETS, BARS & RODS*
2. MAGNETOSTRICTIVE — *5. STRIP*
3. RIBBON — **TUBING** See **TUBING** -*METALLIC*

Accurate Specialties Co. Inc., 1-3-5	345 Lodi St. Hackensack	NJ
Allegheny Ludlum Steel Corp., 2-4-5	2000 Oliver Bldg, Pittsburgh 22	Pa
Alloys Unlimited Inc., 1-3-5	21-01 43rd Ave. Long Island City 1	NY
American Brazing Alloys Corp., 4	P.O. Box 11, Pelham	NY
American Silver Co. Inc., 1-4-5	36-07 Prince St. Flushing 54	NY
Anaconda American Brass Co., 4-5	414 Meadow St. Waterbury 20	Conn
Armco Steel Corp., 1-5	703 Curtis St, Middletown	Ohio
Bram Metallurgical Chemical Co., 1-2-3-4-5	820 65 Ave, Philadelphia 26	Pa
Bridgeport Brass Co., 4-5	30 Grand St. Bridgeport	Conn
Bryant Computer Prods. Div. Excello Corp., 3	Walled Lake	Mich
Carpenter Steel Co., 4-5	101 W Bern St. Reading	Pa
Chase Brass & Copper Co. Inc., 4-5	236 Grand St. Waterbury 20	Conn
Composite Industrial Metals Inc., 1-3-5	235 Georgia Ave. Providence 5	RI
CONSOLIDATED REACTIVE METALS INC., 2-3-5, Adv Pg 551	**116 Hoyt St. Mamaroneck**	**NY**
CRUCIBLE STEEL CO OF AMERICA, 4-5, Adv. Pgs. 160, 161	**Box 88, Pittsburgh 30**	**Pa**
Dalweld Co., Inc., 4	11 Bertel Ave, Mt. Vernon	NY
Driver-Harris Co., 3-5	202 Middlesex St. Harrison 13	NJ
DRIVER CO., WILBUR B., 1-3-4-5, Adv Pg 275	**1875 McCarter Hwy. Newark 4**	**NJ**
Engelhard Industries Inc., 4-5	113 Astor St. Newark 2	NJ
GIBSON ELECTRIC CO., 4-5, Adv Pg 462	**P O Box 535, Delmont**	**Pa**
Haynes Stellite Co. Div. UCC, 1-4-5	1020 W Park Ave. Kokomo	Ind
Horton-Angell Co., 4-5	27 Bradwell St. Attleboro	Mass
International Nickel Co. Inc., 2-4-5	67 Wall St. New York 5	NY
Jan Hardware Mfg Co. Inc., 1-2-4-5	38-01 Queens Blvd. Long Island City 1	NY
KEARFOTT DIV., GEN PRECISION INC., 2, Adv Pg 394	**Little Falls**	**NJ**
LEACH & GARNER CO. INDUSTRIAL DIV., 1-3-5, Adv Pgs 538, 539	**55 School St. Attleboro**	**Mass**
A.D. Mackay, Inc., 1-2-3-4-5	198 Broadway, New York 38	NY
Metal & Thermit Corp., 4	Rahway	NJ
Riverside-Alloy Metal Div., H.K. Porter., Inc., 3-4-5	1 Pavilion Ave, Riverside	NJ
Ryerson & Son Inc. J T., 4	2558 W 16th St. Chicago 8	Ill
SECON METALS CORP., 3, Adv Pg 412	**7 Intervale St. White Plains**	**NY**
Sel-Rex Corp	75 River Rd. Nutley 10	NJ
Semi-Alloys Inc., 1-3-4-5	20 McQuesten Pkwy. N, Mt. Vernon	NY
Somers Brass Co., 1-3-5	94 Baldwin Ave, Waterbury	Conn
Steel Heddle Mfg Co., 3-5	2100 W Allegheny Ave. Philadelphia 32	Pa
Sylvania Electric Products Inc. Parts Div., 3-5	12 2nd Ave. Warren	Pa
Sylvania Elec Prods Inc. Sylcor Div., 4-5	208-20 Willets Point Blvd. Bayside	NY
Techalloy Co. Inc., 1-2-3-4-5	Rahns	Pa
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 1-5, Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
United Mineral & Chemical Corp., 1-3-4-5	16 Hudson St. New York 13	NY
Var-Lac-Oid Chemical Co., 1-3-4-5	116 Broad St. New York 4	NY
Wallingford Steel Co., 1-5	Valley St, Wallingford	Conn
Western Gold & Platinum Co. Sub. Wilbur B. Driver Co., 1-3-5	525 Harbor Blvd. Belmont	Cal
Westinghouse-Lamp Div., 4	Bloomfield	NJ
Westinghouse-Materials Mfg Div., 4-5	Box 128, Blairsville	Pa
WILKINSON CO., 3-5, Adv Pg 180	**1660 9th St. Santa Monica**	**Cal**

NICKEL-CADMIUM BATTERIES See **BATTERIES**
NICKEL-CLAD COPPER WIRE See **WIRE** -*BARE*
NIOBIUM See **COLUMBIUM**

NITROGEN See GASES
NOISE-ACTUATED CONTROLS & RELAYS See CONTROLS -*SOUND-ACTUATED*
NOISE ANALYZERS See ANALYZERS -*NOISE*
NOISE-FIGURE INDICATORS See INDICATORS -*NOISE-FIGURE*
NOISE GENERATORS See GENERATORS -*NOISE*
NOISE-PROTECTIVE HELMETS See HELMETS
NOISE SOURCES See GENERATORS -*NOISE*
NOISE-SOURCE TUBES See TUBES -*NOISE-SOURCE*
NONMAGNETIC IRON OXIDE See IRON OXIDE
NONMETALLIC BUSHINGS See BUSHINGS
NOTCH FILTERS See FILTERS
NUCLEAR-ABSORPTION DENSITY CONTROLS See CONTROLS -*DENSITY*
NUCLEAR BATTERIES See BATTERIES
NUCLEAR-PARTICLE COUNTERS See COUNTERS -*NUCLEAR-PARTICLE*
NUCLEAR RADIATION SHIELDING See SHIELDING
NUCLEAR-REACTOR SIMULATORS See SIMULATORS
NUCLEAR SOURCES See SOURCES -*RADIOACTIVE*
NULL AMPLIFIERS See AMPLIFIERS -*INSTRUMENTATION*
NULL DETECTORS, METERS & INDICATORS See INDICATORS -*NULL*
NUMBERING MACHINES See MACHINES - *MARKING & NUMBERING*
NUMERICAL CONTROL -*MACHINE TOOL* See CONTROLS -*MACHINE TOOL*
NUMERICAL INDICATORS See INDICATORS -*DIGITAL*

NUTS

1. COMMON 2. INSULATED 3. SELF-LOCKING

Aero Bolt & Screw Co., 1-3	1017 Arbor Vitae, Inglewood	Cal
Aerotron Supply Co., 1-3	13611 S Normandie, Gardena	Cal
ALLMETAL SCREW PRODUCTS CO. INC., 1-2-3, Adv Pg 66	**821 Stewart Ave. Garden City**	**NY**
Aluminum Co of America, 1-3	Alcoa Bldg. Pittsburgh 19	Pa
Amatom Electronic Hardware Co. Inc., 2	88 Drake Ave. New Rochelle	NY
American Screw Co., 1-2-3	Willimantic	Conn
Anti-Corrosive Metal Products Co. Inc., 1-2-3	Castleton-on-Hudson	NY
Atlas Screw & Specialty Co., Inc., 1-3	450 Broome St, New York 13	NY
Austin Screw Products Co., 2-3	4873 Armitage Ave. Chicago 39	Ill
BIRNBACH RADIO CO. INC., 1-2, Adv Pg 529	**145 Hudson St. New York 13**	**NY**
Boots Aircraft Nut Corp., 3	Newtown Tnpk, Norwalk	Conn
BUDD STANLEY CO. INC., 3, Adv Pg 313	**175 Eileen Way, Syosset**	**NY**
Carr Fastener Co., Div., United-Carr, 3	31 Ames St, Cambridge 42	Mass
Central Screw Co., 1-3	3501 S. Shields Ave, Chicago 9	Ill
Ceramco Inc. Chemists, 2	173 Ridge St. Newark 4	NJ
Chase Brass & Copper Co. Inc., 1	236 Grand St. Waterbury 20	Conn
Chicago Screw Co., 1	2703 Washington Blvd, Bellwood	Ill
CIRCON COMPONENT CORP., 1-3, Adv Pg 446	**Santa Barbara Airport, Goleta**	**Cal**
Con-Torq Inc., Sub of North & Judd Mfg. Co., 3	500 E. Main St, New Britain	Conn
Cox Manufacturing Co., 1	807 Fredericksburg, San Antonio 1	Tex
Eaton Mfg. Co., Reliance Div., 3	25 Charles Ave S.E., Massillon	Ohio
ELASTIC STOP NUT CORP OF AMERICA, 3, Adv Pg 378	**2330 Vauxhall Rd. Union**	**NJ**
Fastex Div., Illinois Tool Works, 2-3	195 Algonquin Rd, Des Plaines	Ill
FEDERAL SCREW PRODUCTS INC., 1-2-3, Adv Pg 553	**3917 N Kedzie Ave. Chicago 18**	**Ill**
Fischer Special Mfg. Co., 1	493 Morgan St, Cincinnati 6	Ohio
Garrett Co., Inc., George K., 3	Torresdale Ave at Tolbut St, Phila 36	Pa
Gries Reproducer Corp., 2	151 Beechwood St. New Rochelle	NY
Jacobson Nut Mfg Corp., 1-3	Box 177, Kenilworth	NJ
Jan Hardware Mfg Co. Inc., 1-2-3	38-01 Queens Blvd. Long Island City 1	NY
Kaynar Mfg. Co. Inc., 3	Box 2001, Term. Annex, Los Angeles 54	Cal
Keystone Bolt & Nut Corp., 1-2-3	127 Church St. New York 7	NY
Klincher Locknut Corp., 3	2153 Hillside Ave, Indianapolis 18	Ind
Lehigh Metal Products Co., 1-3	134 Alewife Brook Pkwy, Cambridge	Mass
Mercury Air Parts Co., 1-2-3	9310 W Jefferson Blvd. Culver City	Cal
Mid-Continent Screw Products Co., 1-2-3	5843 N Broadway, Chicago 40	Ill
Molly Corp., 3	232 N 5th St. Reading	Pa
Monadnock Mills, Div. UCF, 3	1977 1st Ave. San Leandro	Cal
Morris Co., J. I., 1	376 Elm St. Southbridge	Mass
NATIONAL RADIO CO., 3, Adv Pg 499	**37 Washington St. Melrose 76**	**Mass**
Nutmeg Screw Machine Products Co., 1	Box 1470, Waterbury	Conn
Nylok Corp., The, 3	611 Industrial Ave, Paramus	NJ
Oki & Wil[illegible]sen, Ltd., 2	47 Crockford Blvd, Toronto 16, Ontario, Canada	
Palnut Co. Div. U C F., 1-2-3	77A Glen Rd. Mountainside	NJ
Penn Engineering & Mfg. Corp., 3	Box 311, Doylestown	Pa
Permali Inc., 2	Box 718, Mt. Pleasant	Pa
Pheoll Mfg. Co., Inc., 1-2-3	5700 Roosevelt Rd, Chicago 50	Ill
Republic Steel Corp., 1-3	Republic Bldg. Cleveland 1	Ohio
Rosan, Inc., 3	2901 W. Coast Hwy, Newport Beach	Cal
Ross Co., Milton, 2	239 Jacksonville Rd, Hatboro	Pa
Russell, Burdsall & Ward Bolt & Nut Co., 1-3	Port Chester	NY
SEG ELECTRONICS CO. INC., 1, Adv Pg 529	**12 Hinsdale St. Brooklyn 7**	**NY**
Shakeproof Div., Ill Tool Works, 3	St. Charles Rd, Elgin	Ill
Smith, Inc. Herman H., 1-2	2326 Nostrand Ave. Brooklyn 10	NY
Standard Locknut & Lockwasher, Inc., 1	2250 Valley Ave. Indianapolis 18	Ind
Standard Pressed Steel Co.,1-3	P.O. Box 775, Jenkintown	Pa
Standard Screw Co., 1	2801 Washington Blvd. Bellwood	Ill
Star Stainless Screw Co., 1-3	655 Union Blvd. Totowa	NJ
Sterling Bolt Co., 1-3	363-405 W. Erie St, Chicago 10	Ill
Tinnerman Products Inc., 3	Dept. 16, Box 6688, Cleveland 1	Ohio
Tubular Rivet & Stud Co	Weston Ave, Quincy 70	Mass
United Screw & Bolt Corp., 1	3590 W. 58 St, Cleveland 2	Ohio
Waldom Electronics, Inc., 1	[illegible]21 W. 53rd St, Chicago 32	Ill
Walsco Electronics Mfg. Co., 1-3	400 S Wyman St. Rockford	Ill
Waltham Precision Instrument Co., 3	221 Crescent St. Waltham 54	Mass
Weckesser Co. Inc., 2	5701 Northwest Hwy. Chicago 46	Ill
Western Sky Industries, 3	21301 Cloud Way, Hayward	Cal

NYLON See PLASTICS
OCEAN-DEPTH INDICATORS See DEPTH SOUNDERS

OHMMETERS

1. DIGITAL
2. MEGOHMMETERS
3. MICRO-OHMMETERS
4. MILLIOHMMETERS
5. STANDARD RANGES

A. O. I. P., 2-3-4-5	23 Pl. Jeanne d'Arc, Paris 13	Fr
Adage, Inc., 1	292 Main St. Cambridge 42	Mass
Advanced Instrument Corp., 1	1475 Powell St. Emeryville 8	Cal
Airmec Ltd., 5	High Wycombe, Buckinghamshire, England	
Alpha Instrument Co., 5	43 Hempstead St. New London	Conn
ASSOCIATED RESEARCH, INC., 2-3-4-5, Adv Pg 218	**3788 W Belmont Ave. Chicago 18**	**Ill**
Auto Data, 1-4-5	Box 9146, San Diego 9	Cal
Avtron Mfg. Inc., 3	10409 Meech St. Cleveland	Ohio
B & K Instruments Inc of Bruel & Kjaer, 2	3016 W 106th St. Cleveland 11	Ohio
BARNES DEVELOPMENT CO., 1, Adv Pg 414	**213 W Baltimore Pike, Lansdowne**	**Pa**
BECKMAN INSTRUMENTS INC. BERKELEY DIV., 1, Adv Pgs 162, 163	**2200 Wright Ave. Richmond**	**Cal**
Bell Inc., F. W., 1	1356 Norton Ave. Columbus 12	Ohio
Biddle Co., James G., 2-3-5	1316 Arch St. Philadelphia 7	Pa
Bruel & Kjaer, 2	Lindealle 23, Naerum, Denmark	
Bruno-New York Industries Corp., 4-5	460 W. 34 St, New York 1	NY
Calibration Standards Corp., 5	1025 Westminster Ave. Alhambra	Cal
Canadian Research Institute, 2-3-4-5	85 Curlew Dr. Don Mills	Ont
Communications Control Corp., 1	14707 Keswick St. Van Nuys	Cal
Communication Measurements Lab., Inc., 2	350 Leland Ave, Plainfield	NJ
Conrad-Carson Electronics Inc., 2	1437 Broadway, El Cajon	Cal
Consolidated Airborne Systems, 2	900 3rd Ave, New Hyde Park	NY
CUBIC CORP., 1, Adv Pgs 329, 330	**5575 Kearny Villa Rd. San Diego 11**	**Cal**
Data Equipment Co., 1-2-3-4-5	923 E. 3rd St, Los Angeles 13	Cal
DAVEN CO., 5, Adv Pg 187	**Rt. 10, Livingston**	**NJ**
DAVENPORT MFG. DIV.-DUNCAN ELEC. CO., 2, Adv Pg 451	**2530-32 N Elston Ave. Chicago 47**	**Ill**
Daystrom Inc. Weston Instruments Div., 2	614 Frelinghuysen Ave. Newark 12	NJ
Dice Co., J.W., 3	Englewood	NJ
Dymec Div. Hewlett - Packard Co., 1	395 Page Mill Rd. Palo Alto	Cal
Electro Instruments, Inc., 1-2-4	8611 Balboa Ave. San Diego 11	Cal
Electronic Applications, Inc., 3-4-5	194 Richmond Hill Ave, Stamford	Conn
ELECTROSPACE CORP., 2-5, Adv Pg 378	**99 E Hawthorne Ave. Valley Stream**	**NY**
Epsco Inc. Instruments Div., 1	275 Massachusetts Ave. Cambridge 39	Mass
Evershed & Vignoles Ltd., 2-3-4-5	Chiswick, London W 4	Eng
Franklin Electronics Inc., 1	E 4th St. Bridgeport	Pa
FREED TRANSFORMER CO. INC., 2, Adv Pg 524	**1736 Weirfield St. Brooklyn 27**	**NY**
GENERAL METERS INC., 2-3-4, Adv Pgs 374, 375	**Box 1701, Grand Junction**	**Colo**
General Radio Co., 2	West Concord	Mass
Halex, Inc., 2	310 E. Imperial Hwy, El Segundo	Cal
Hathaway Instruments Inc., 2-5	5592 E Jewell Ave. Denver 22	Colo
Heath Co. A Sub of Daystrom, Inc., 5	Benton Harbor	Mich
HEWLETT-PACKARD CO., 2-4-5, Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
Hickok Electrical Instrument Co., 2-3-4-5	10532 Dupont Ave. Cleveland 8	Ohio
Industrial Instruments, Inc., 2-4	89 Commerce Rd. Cedar Grove	NJ
Kahl Scientific Instrument Corp., 2	737 W Main St. El Cajon	Cal
Keithley Instruments, Inc., 2-4	12415 Euclid Ave. Cleveland 6	Ohio
KIN TEL DIV. COHU ELECTRONICS, 1, Adv Pgs 244, 245, 247	**5725 Kearny Villa Rd. San Diego 12**	**Cal**
Landsverk Electrometer Co., 2	641 Sonora Ave. Glendale 1	Cal
Leeds & Northrup Co., 2	4970 Stenton Ave, Philadelphia 44	Pa
Lyman Electronic Corp., 5	P.O.Box 1649, Springfield	Mass
MacLeod & Hanopol, Inc., 2	10 Roland St. Charlestown 29	Mass
Martindale Electric Co., 2	Edgewater Br. Box 617, Cleveland 7	Ohio
Measurements A McGraw-Edison Div., 5	Boonton	NJ
Meters, Inc., 2	5353 N. Keystone Ave, Indianapolis 20	Ind
Mid-Eastern Electronics, Inc., 2-5	32 Commerce St. Springfield	NJ
Millivac Instruments Inc., 5	Box 997, Schenectady	NY
Minicord Corp. of America, 2	1913 Atlantic Ave. Atlantic City	NJ
Molded Insulation Co., 5	335 E Price St. Philadelphia 44	Pa
Multi-Amp Electronic Corp	61 E Myrtle St. Cranford	NJ
National Electronics, 2-5	Box 1237, Sheridan	Wyo
New England Scientific Instruments Corp., 2-4	238 Main St. Cambridge 42	Mass
New London Instrument Co., 2	82 Union St. New London	Conn
NON-LINEAR SYSTEMS INC., 1, Adv Pgs 334, 335	**P. O. Box 728, Del Mar**	**Cal**
OPAD ELECTRIC CO., 2, Adv Pg 400	**43-5 Walker St. New York 13**	**NY**
PHYSICS RESEARCH LABS. INC., 2, Adv Pg 478	**P.O. Box 555, Hempstead**	**NY**
Precision Apparatus Co., Inc., 5	70-31 84 St. Glendale 27	NY
Precision Electronics, Inc., 4	9101 King St, Franklin Park	Ill
Radio Corp of America, Electron Tube Div., 2-5	415 S 5th St. Harrison	NJ
Research Industrial Labs. of Electronics, 2-5	Roslyn	Pa
RIBET DESJARDINS, 2, Adv Pgs 229-232	**13-17 Rue Perier, Montrouge Seine**	**Fr**
Rodale Electronics, 2-3-4-5	562 Grand Blvd. Westbury	NY
ROHDE & SCHWARZ, USA INC., 2, Adv Pg 403	**P.O. Box 275, Passaic**	**NJ**
Servo-Tek Products Co., Inc., 5	1086 Goffle Rd, Hawthorne	NJ
Shurite Meters, 5	130 Wallace St. New Haven 8	Conn
Simpson Electric Co., Div., American Gage & Machine Co., 2-4-5	5218 W. Kinzie St. Chicago 44	Ill
Stark Electronic Instruments Ltd., 2-3-4	Box 670, Ajax	Ont
Sticht Co. Inc., Herman H., 2-4	27 Park Pl. New York 7	NY
Sun Electric Co., 1-2-3-4-5	6323 Avondale St. Chicago 31	Ill
Sunshine Scientific Instrument, 3	1810 Grant Ave. Philadelphia 15	Pa
Systron-Donner Corp., 1-2	950 Galindo St. Concord	Cal
Televiso Corp., 3	Wheeling & Exchange Rds. Wheeling	Ill
Triplett Electrical Instrument Co., 2	Harmon Rd. Bluffton	Ohio
Venner Electronics, Ltd., 1	Kingston By-Pass, New Malden	Eng
Vidar Corp., 1	2296 Mora Dr. Mountain View	Cal
Waltham Electronics Corp., 2	751 Main St. Waltham 54	Mass
Welch Scientific Co., 5	1515 Sedgwick St. Chicago 10	Ill
Yokogawa Electric Works, Inc., 2	40 Worth St, New York 13	NY
Zinn Instruments, 1	P.O. Box 733, Lomita	Cal

OILS -*DAMPING, DIFFUSION PUMP & TRANSDUCER* See FLUIDS
OILS -*DIELECTRIC* See DIELECTRICS -*LIQUID*
OIL-SEALING RINGS See RINGS -*OIL-SEALING*
OIL SEALS See SEALS -*MECHANICAL*
OILS -*LUBRICATING* See LUBRICANTS
OILS -*SILICONE* See SILICONES
OMNIDIRECTIONAL RADIO-RANGE ANTENNAS See ANTENNAS-VHF, *OMNIDIRECTIONAL*
OMNIRANGE TRANSMITTERS See TRANSMITTERS -*RADIO NAVIGATION*
OPERATIONAL AMPLIFIERS See AMPLIFIERS -*COMPUTER*
OPTICAL CRYSTALS See CRYSTALS -*OPTICAL*

OPTICAL EQUIPMENT AND SPECIALTIES

AMERICAN OPTICAL CO. INSTRUMENT DIV., Adv Pg 205	**Buffalo 15**	**NY**
Atchley Div., Raymond	2339 Cotner Ave. Los Angeles 64	Cal
Bache & Co., Semon	636 Greenwich St, New York 14	NY
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
Elcon Lab. Inc	238 Main St. Cambridge 42	Mass
Farrand Optical Co. Inc	Bronx Blvd. at 238th St. New York 70	NY
Gaertner Scientific Corp	1239 Wrightwood, Chicago 14	Ill
Gordon Enterprises	5362 N. Cahuenga Blvd, N. Hollywood	Cal
Intectron Inc	2300 Washington St. Newton Lower Falls	Mass
Kollmorgen Corp	347 King St. Northampton	Mass
Northrop Corp	1001 E. Broadway, Hawthorne	Cal
Optron Corp	335 S Salinas St. Santa Barbara	Cal
Pacific Universal Products Corp	168 Vista Ave. Pasadena 8	Cal
Par Products Corp	602 Colorado Ave. Santa Monica	Cal
Process & Instruments Corp	15 Stone Ave. Brooklyn 33	NY
S-B Polarimeters	Spencer Hill Rd, R.D. 2, Corning	NY
Solatron Inc	128 Jackson St. Cambridge 40	Mass
Spectra Electronics Co	250 E. 3rd St, Mt. Vernon	NY
U. S. Precision Lens & Plastics, Inc	626 Broadway, Cincinnati 2	Ohio
Valpey Crystal Corp	1244 Highland St. Holliston	Mass
VARO INC Adv Pg 118	**2201 Walnut St. Garland**	**Tex**
WHITE CO., O. C., Adv Pg 428	**17 Hermon St. Worcester 8**	**Mass**
Zenith Optical Laboratory	1940 Great Neck Rd, Copiague	NY

OPTICAL LENSES See LENSES -*OPTICAL*
OPTICS -*INFRARED* See INFRARED EQUIPMENT

OSCILLATORS - A-F

1. DIGITAL INPUT
2. FIXED-FREQUENCY
3. FORK-CONTROLLED
4. TELEMETERING, AUDIO TONE
5. TRANSISTORIZED
6. ULTRA-LOW-FREQUENCY

FOR TEST EQUIPMENT See GENERATORS -*SIGNAL*

Airmec Ltd., 6	High Wycombe, Buckinghamshire, England	
Airtronics International Corp., 2-5	Box 8576, Fort Lauderdale	Fla
Alto Scientific Co. Inc., 2-4-5	855 Commercial, Palo Alto	Cal
Amerac, Inc., 2	Dunham Rd, Beverly	Mass
American Research & Mfg. Corp., 5	920 Halpine Ave, Rockville	Md
AMERICAN TIME PRODUCTS, INC. DIV. BULOVA WATCH CO. INC., 3-5, Adv Pg 225	**61-20 Woodside Ave. Woodside 77**	**NY**
Antlab, Inc., 3	6330 Proprietors Rd. Worthington	Ohio
Arnec Corp., 2-3	195 W Hills Rd. Huntington Sta	NY
Ascop Div of Electro-Mechanical Research, Inc., 4-5	Box 44, Princeton	NJ
AVNET INSTRUMENT CORP., 2-3-4, Adv Pgs 331, 364	**70 State St. Westbury**	**NY**
Bell & Gossett Co., 3-4	8202 N. Austin Ave, Morton Grove	Ill
Bergen Labs. Inc., 5	60 Spruce St. Paterson 1	NJ
Boonshaft & Fuchs, Inc., 6	Hatboro Ind Park, Hatboro	Pa
Bruel & Kjaer, 4	Lindealle 23, Naerum	Denmark
BULOVA WATCH CO. INC. ELECTRONICS DIV., 2-3-4-5-6, Adv Pg 427	**61-10 Woodside Ave. Woodside 77**	**NY**
Canadian Marconi Co., 6	2444 Trenton Ave. Montreal	Que
Capehart Corp., 5-6	87-46 123rd St. Richmond Hill 18	NY
Clegg Laboratories, 1-4-5	Rt. 53, Mt. Tabor	NJ
Control Equipment Corp., 1-2-5	19 Kearney Rd. Needham Heights 94	Mass
Crosby Teletronics Corp., 4	54 Kinkel St. Westbury	NY
Data Equipment Co., 1-2-3-4-5-6	923 E. 3rd St, Los Angeles 13	Cal
Dawe Instruments Ltd., 5-6	Harlequin Ave. Brentford, Mddx	Eng
Decitron Electronics Corp., 5	850 Shephard Ave. Brooklyn 8	NY
Delta-F Inc., 2-3-5	113 E State St. Geneva	Ill
Dero Research & Dev. Corp., 5	Broadway & Park Ave. Huntington	NY
Donner Scientific Co., 6	888 Galindo St, Concord	Cal
DORSETT ELECTRONICS, INC., 4, Adv Pg 299	**Box 862, Norman**	**Okla**
Dresser Electronics SIE Div., 4-5-6	10201 Westheimer Rd. Houston 42	Tex
Electric Switch Corp., 5	2320 S Tibbs Ave. Indianapolis 41	Ind
Electro-Mechanical Research, Inc., 4-5	Box 3041, Sarasota	Fla
Electronic Organ Arts, Inc., 2	4949 York Blvd, Los Angeles 42	Cal
Elin Div., IERC, 2-3	135 W. Magnolia Blvd, Burbank	Cal
EMPIRE DEVICES INC., 5, Adv Pg 132	**Amsterdam**	**NY**
Engineer-Design & Development Co., 1-2-3-4-5-6	60 Pennington St. Newark 2	NJ
ENGINEERED ELECTRONICS CO., 5, Adv Pg 326	**1441 E Chestnut Ave. Santa Ana**	**Cal**
Engineered Magnetics Div., Gulton, 2-5	13041 Cerise Ave, Hawthorne	Cal
Epsco Inc. Components Div., 1-5	275 Massachusetts Ave. Cambridge 39	Mass
Erwood Inc., 3	1770 Berteau Ave. Chicago 13	Ill
Ferrotran Electronic Co., Inc., 5	693 Broadway, New York 12	NY
Fork Standards Inc., 2-3-4-5-6	1915 N Harlem Ave. Chicago 35	Ill
FRONTIER ELECTRONICS CO., 1-2-4-5-6, Adv Pg 193	**4606 Memphis Ave. Cleveland 9**	**Ohio**
GENERAL DEVICES INC., 4-5, Adv Pg 518	**Box 253, Princeton**	**NJ**
General Radio Co., 5	West Concord	Mass
Gibbs Mfg. & Research Corp., 2-5	454 N Main St. Janesville	Wis
Gilfillan Bros. Inc., 1	1815 Venice Blvd. Los Angeles 6	Cal
Greenray Industries, Electronics's Div., 2-3-4-5-6	Mechanicsburg	Pa
Gyrex Corp., 2-3-5	3003 Pennsylvania Ave, Santa Monica	Cal
Hallamore Electronics Div. Siegler Corp., 4	714 N Brookhurst Ave. Anaheim	Cal
Heath Co. A Sub of Daystrom, Inc., 6	Benton Harbor	Mich
HEWLETT-PACKARD CO., 5-6, Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
HILL ELECTRONICS INC., 2-5-6, Adv Pg 304	**300 N Chestnut St. Mechanicsburg**	**Pa**
Holt Instrument Laboratories, 2	Box 230, Oconto	Wis
Hoover Electronics Co., 4-5	110 W. Timonium Rd, Timonium	Md
H-L-S Instrument Div., Manson Instrument Co., 3	4525 W. 160th St, Cleveland 35	Ohio
Industrial Control Co., 6	Central at Pinelawn, Farmingdale	NY
INDUSTRIAL TEST EQUIPMENT CO., 2-3, Adv Pg 422	**55 E 11th St. New York 3**	**NY**
Instrument Corp. of Florida, 5	Box 1226, Melbourne	Fla
Instrument Laboratories, 2-5	315 W. Walton Pl, Chicago 10	Ill
INTERELECTRONICS CORP., 4-5-6, Adv Pg 521	**2432 Grand Concourse, New York 58**	**NY**
International Research Associates, 2-3-5	2221 Warwick Ave. Santa Monica	Cal
Interstate Electronics Corp., 5	707 E Vermont Ave. Anaheim	Cal
J-B-T INSTRUMENTS INC., 2, Adv Pgs 133, 134	**133 Hamilton St. New Haven 8**	**Conn**
Kauke & Co., Inc., 4-5	1632 Euclid St, Santa Monica	Cal
KAY ELECTRIC CO., 5 Adv Pg 347, 348	**Maple Ave. Pine Brook**	**NJ**
Ka[illegible]y Co., 2-5	2029 N Lake Ave. Altadena	Cal
Krohn-Hite Corp., 1-6	580 Massachusetts Ave. Cambridge 39	Mass
M F ELECTRONICS CORP., 2-5, Adv Pg 363	**118 E 25th St. New York 10**	**NY**
Marconi's Wireless Telegraph Co. Ltd., 4	750 3rd Ave. New York 17	NY
Melcor Electronics Corp., 5	48 Toledo St. Farmingdale	NY
Mobil Electronics Inc., 4	1111 State Rd. 67 E, Anderson	Ind
Monitor Products Co., 2-5-6	815 Fremont Ave. South Pasadena	Cal
Muirhead & Co., Ltd., 3-6	Beckenham, Kent, England	
Network Designers Inc., 1-2-5	38 E 57th St. New York 22	NY
New London Instrument Co., 4-5	82 Union St. New London	Conn
Norman Laboratories, Ernst, 2	Williams Bay	Wis

NORTHERN ENGINEERING LABS INC., 2, Adv Pg 524	372 Wilmot Ave. Burlington	Wis
NORTHERN RADIO CO. INC., 4, Adv Pgs 137-139	143-145 W 22nd St. New York 11	NY
Orion Electronic Corp., 2-5	108 Columbus Ave. Tuckahoe	NY
PANORAMIC ELECTRONICS, INC., 4, Adv Pg 449	520 S Fulton Ave. Mt Vernon	NY
Philamon Laboratories, Inc., 3-5	90 Hopper St. Westbury	NY
Pioneer Central Div. Bendix Corp., 5	Davenport	Iowa
Pitometer Log Corp., 5	237 Lafayette St. New York 12	NY
Plug-In Instruments, Inc., 2-5	2406 Lebanon Rd. Nashville 10	Tenn
Probescope Co. Inc., 4	8 Sagamore Hill Dr. Port Washington	NY
R S ELECTRONICS CORP., 2-3-4-5, Adv Pg 305	Box 11368, Sta A, Palo Alto	Cal
Radio Frequency Labs., Inc., 4	Boonton 2	NJ
Radiometer, 4	72 Emdrupvej, Copenhagen NV 1	For
Ram Electronics, Inc., 4	600 Industrial Ave. Paramus	NJ
REEVES HOFFMAN DIV. DYNAMICS CORP OF AMER., 2-5 Adv Pg 507	145 Cherry St. Carlisle	Pa
Riverbank Labs. Dept of Engrg, 2-3-5	Box 65, Geneva	Ill
RIXON ELECTRONICS INC., 4, Adv Pg 412	2414 Reedie Dr. Silver Spring	Md
Rohm Instrument Corp., 2-5-6	132 Concord Ave. Cambridge 38	Mass
S - E Labs. Ltd., 2-5	606 N Feltham Est. Feltham Middsx	Eng
Sargent & Greenleaf Inc., 2-4-5	24 Seneca Ave. Rochester	NY
Scopes Co. Inc., 5	P.O. Box 56, Nyack	NY
Scientific Corp., 1-2-4-5	555 Minnesota St. San Francisco 7	Cal
Servomex Controls Ltd., 6	Crowborough, Sussex, England	
Smith, Inc. Herman H., 4	2326 Nostrand Ave. Brooklyn 10	NY
Solartron, Inc., 4	1742 S. Zeyn St. Anaheim	Cal
SOLID STATE ELECTRONICS CO., 2-3-4-5-6, Adv Pg 238	Dept E 15321 Rayen St. Sepulveda	Cal
SONEX INC., 4, Adv Pg 530	20 E Herman St. Philadelphia 44	Pa
Space Electronics Corp., 4-5	930 Air Way, Glendale 1	Cal
Spectra Electronics Co., 5	250 E. 3rd St. Mt. Vernon	NY
Stony Brook Labs., 6	55 State Rd. Princeton	NJ
Summit Electronics, Inc., 3	7 Industrial Pl. Summit	NJ
Taffet Electronics Inc., 2-5	3705 Belyn-Dnt Exp W, Woodside 77	NY
TELE-DYNAMICS DIV. AMERICAN BOSCH ARMA CORP., 4-5, Adv Pgs 196, 197	5000 Parkside Ave. Philadelphia 31	Pa
Telecon, Inc.	7105 Admiral Blvd. Kansas City	Mo
TEMPO INSTRUMENT INC., 2, Adv Pg 130	Commercial St. Hicksville	NY
Terrace Electric Development Co. Inc., 6	1979 Eastern Pkwy. Brooklyn	NY
Triple-T Co Electronics, 5	1260 Encino Dr. San Marino	Cal
Troxler Labs., 2-5	Box 5253, Raleigh	NC
United ElectroDynamics Inc., 4	200 Allendale Rd. Pasadena	Cal
Valpey Crystal Corp., 2-6	1244 Highland St. Holliston	Mass
VARI-L CO., INC., 4 Adv Pg 126	Box 1433, Stamford	Conn
VARO, INC., 2-3-4-5 Adv Pg 118	2201 Walnut St. Garland	Tex
Vernel Electronics, Ltd., 2-5	Kingston By-Pass, New Malden	Eng
Walkirt Co., 3-5	141 W Hazel St. Inglewood 3	Cal
Waltham Electronics Corp., 4-5	751 Main St. Waltham 54	Mass
Waters Mfg. Co., Inc., 3-4	Newtown Rd. Littleton	Mass
Wavelines, Inc., 5	393 6th Ave. New York 14	NY
WEINSCHEL ENGINEERING CO., INC., 3, Adv Pg 51-54, 55	10503 Metropolitan Ave, Kensington	Md

OSCILLATORS – MICROWAVE

1. BACKWARD-WAVE
2. KLYSTRON
3. MAGNETRON (COMPLETE ASSEMBLY)
4. TRIODE

Airtron, Div of Litton Industries, 4	200 E Hanover Ave. Morris Plains	NJ
Alfred Electronics, 1	897 Commercial St. Palo Alto	Cal
Amerac, Inc., 1-2-3-4	Dunham Rd. Beverly	Mass
AMERICAN OPTICAL CO. INSTRUMENT DIV., 3-4, Adv Pg 205	Buffalo 15	NY
AVNET INSTRUMENT CORP., 1, Adv Pgs 331, 384	70 State St. Westbury	NY
Canadian Marconi Co., 1	2444 Trenton Ave. Montreal	Que
Carpenter Corp., 1	87-46 123rd St. Richmond Hill 18	NY
Cavitron Electron Oscillator Div. Short Wave Plus Form Co., 4	355 N Newport Blvd. Newport Beach	Cal
Cesco Devices, 4	Box V, Chelsea 50	Mass
CONTROL ELECTRONICS CO. INC., 2, Adv Pg 444	10 Stepar Pl. Huntington Sta	NY
DOUGLAS MICROWAVE CO. INC., 4, Adv Pg 235	252 E 3rd St. Mt Vernon	NY
EMI-US Ltd., 2	1750 N Vine St. Los Angeles 28	Cal
EITEL-McCULLOUGH INC., 2-3-4, Adv Pgs 57-60	301 Industrial Way, San Carlos	Cal
EMPIRE DEVICES INC., 2-4, Adv Pg 132	Amsterdam	NY
FXR INC., 1-2-3-4, Adv Pgs 100, 101	25-26 50th St. Woodside 77	NY
Frequency Standards, Div., Harvard Industries, Inc., 2-4	P.O. Box 504, Asbury Park	NJ
General Communication Co., 2-4	677 Beacon St. Boston 15	Mass
General Microwave Corp., 2	47 Gazza Blvd. Farmingdale	NY
General Radio Co., 2	West Concord	Mass
Gombos Co., Inc., John, 4	Webro Rd. Clifton	NJ
Granger Associates, 1-2-3	974 Commercial St. Palo Alto	Cal
HEWLETT-PACKARD CO., 1, Adv Pgs 19-34	1501 Page Mill Rd. Palo Alto	Cal
Huggins Laboratories, Inc., 1	999 Arques Ave. Sunnyvale	Cal
Hughes Microwave Tube Div., 1	Bldg 124 Mail Sta 205, Box 90427 Int Airport Sta, Los Angeles 45	Cal
ITT Federal Labs Div. ITT Corp., 1	500 Washington Ave. Nutley	NJ
Instrument Systems Corp., 4	129-07 18th Ave. College Point 56	NY
KAY ELECTRIC CO., 2-3 Adv Pg 347, 348	Maple Ave. Pine Brook	NJ
Kearfott Div. Gen. Precision Inc. Microwave Prods., 4	14844 Oxnard St. Van Nuys	Cal
Laboratory For Electronics, Inc., 1-2-3-4	1079 Commonwealth Ave. Boston 15	Mass
Lear Inc., 2	3171 S Bundy Dr. Santa Monica	Cal
Lewis & Kaufman Electronics Corp., 1-2-4	Box 777, Los Gatos	Cal
LITTON INDUSTRIES, ELECTRON TUBE DIV., 1-3, Adv Pg 349	960 Industrial Rd. San Carlos	Cal
Marconi's Wireless Telegraph Co. Ltd., 2	750 3rd Ave. New York 17	NY
Menlo Electronics Corp., 4	475 10th Ave. New York 18	NY
MENLO PARK ENGINEERING, 1, Adv Pg 413	711 Hamilton Ave. Menlo Park	Cal
Metcom, Inc., 1-2-3	76 Lafayette St. Salem	Mass
Microwave Associates, Inc., 1-3	Burlington	Mass
Microwave Components, Inc., 2	Doylestown	Pa
PRD ELECTRONICS INC., 1-2, Adv. Pgs 113-116	202 Tillary St. Brooklyn 1	NY
Philips' Gloeilampenfabrieken, N. V., 1-4	Eindhoven	Neth
Pitometer Log Corp., 4	237 Lafayette St. New York 12	NY
POLARAD ELECTRONICS CORP., 1-2, Adv Pg 269-272	43-20 34 St. Long Island City 1	NY
R.L.C. Electronics, Inc., 2-4	925 Mamaroneck Ave. Mamaroneck	NY
Radiation at Stanford, 3	3180 Hanover St. Palo Alto	Cal
Radio Engineering Labs. Inc., 4	29-01 Borden Ave. Long Island City 1	NY
Ramage & Miller Inc., 1-2-3	150 S 2nd St. Richmond	Cal
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., 1-2-3-4, Adv Pg 37	411 Providence Tnpk. Westwood	Mass
RAYTHEON CO. MICROWAVE & POWER TUBE DIV., 1-2-3, Adv Pgs 38, 39	Spencer Lab Wayside Ave. Burlington	Mass
Remanco Inc., 2-3-4	1905 Colorado, Santa Monica	Cal
Sigma Electronic Research Corp., 2	15735 Aurora Blvd. Seattle 6	Wash
Sperry Electronic Tube Div., Sperry Rand Corp., 2	P.O. Box 157, Gainesville	Fla
Sperry Microwave Electronics Co., 1	Box 1828, Clearwater	Fla
Standard Tel. & Cables Ltd., 1	29 Glasshouse Yard, London	Eng
Trak Microwave Corp., 2-4	5006 N Coolidge Ave. Tampa 3	Fla
Tucor Inc., 1	59 Danbury Rd. Wilton	Conn
Varian Associates, 1-2-3	611 Hansen Way, Palo Alto	Cal
Watkins-Johnson Co., 1	3333 Hillview Ave, Palo Alto	Cal
Waveline, Inc., 4	Box 718, Caldwell	NJ
Wayne Kerr Corp., 2	1633 Race St. Philadelphia 3	Pa
WEINSCHEL ENGINEERING CO., INC., 2-4, Adv Pg 51-54, 55	10503 Metropolitan Ave, Kensington	Md

OSCILLATORS – R-F

1. CRYSTAL, WITH OVEN
2. CRYSTAL, WITHOUT OVEN
3. FIXED-FREQUENCY, WITHOUT CRYSTAL
4. PULSED
5. DIGITAL INPUT
6. STABLE LOCAL (STALO)
7. SUBCARRIER (Incl. TELEMETERING)
8. TRANSISTORIZED

FOR TEST EQUIPMENT See GENERATORS – SIGNAL

Acoustica Associates, Inc., 4	10400 Aviation Blvd. Los Angeles 45	Cal
Advance Components Ltd., 3	Roebuck Rd. Hainault, Ilford, Essex	Eng
ADVANCED ELECTRONICS CORP., 7, Adv Pg 404	2 Commercial St. Hicksville	NY
Airmec Ltd., 1	High Wycombe, Buckinghamshire	Eng
Airtronics International Corp., 8	Box 5676, Fort Lauderdale	Fla
Amerac, Inc., 3-4	Dunham Rd. Beverly	Mass
American Bosch Arma Corp., 7	300 Fulton Ave. Hempstead	NY
ARENBERG ULTRASONIC LAB. INC., 4, Adv Pg 504	94 Green St. Jamaica Plain 30	Mass
Ascop Div of Electro-Mechanical Research, Inc., 7-8	Box 44, Princeton	NJ
BLILEY ELECTRIC CO., 1-2-8, Adv Pgs 198, 199	200 Union Sta. Bldg. Erie	Pa
BULOVA WATCH CO. INC. ELECTRONICS DIV., 1-2-3-4-6-8, Adv Pg 427	61-10 Woodside Ave. Woodside 77	NY
Burnell Electronics Co., Inc., 4	142 S. Long Beach, Rockville Center	NY
Cavitron Electron Oscillator Div., Short Wave Plus Form Co., 3	355 N. Newport Blvd, Newport Beach	Cal
CLARK CRYSTAL CO., 1-2-3, Adv Pg 372	Farm Rd. Marlboro	Mass
Clegg Laboratories, 1	Rt. 53, Mt. Tabor	NJ
Continental Electronics Mfg Co. Sub Ling-Temco Electronics, Inc., 1-2	4212 S Buckner Blvd. Dallas 27	Tex
CONTROL ELECTRONICS CO. INC., 4, Adv Pg 444	10 Stepar Pl. Huntington Sta	NY
Crosby Teletronics Corp., 7	54 Kinkel St. Westbury	NY
Data-Control Systems, Inc., 7-8	E Liberty St. Danbury	Conn
Data Equipment Co., 1-8	923 E. 3rd St. Los Angeles 13	Cal
Dawe Instruments Ltd., 8	Harlequin Ave. Brentford, Mdx	Eng
Decade Instrument Co., 2	Box 153, Caldwell	NJ
Decition Electronics Corp., 1-2	850 Shepherd Ave. Brooklyn 8	NY
Delta-F Inc., 1-8	113 E State St. Geneva	Ill
Dent Research & Dev. Corp., 8	Broadway & Park Ave. Huntington	NY
DORSETT ELECTRONICS, INC., 7-8, Adv Pg 299	Box 862, Norman	Okla
Dresser Electronics SIE Div., 7-8	10201 Westheimer Rd. Houston 42	Tex
Electric Switch Corp., 8	2320 S Tibbs Ave. Indianapolis 41	Ind
Electro-Mechanical Research, Inc., 7-8	Box 3041, Sarasota	Fla
ELECTRONIC PRODUCTS CORP., 4-5-8, Adv Pgs 545, 546	4642 Belair Rd. Baltimore 6	Md
ENGINEERED ELECTRONICS CO., 1-2-8, Adv Pg 326	1441 E Chestnut Ave. Santa Ana	Cal
FXR INC., 4, Adv Pgs 100, 101	25-26 50th St. Woodside 77	NY
Fenetian Electronic Co. Inc., 2-8	593 Broadway, New York 12	NY
FRONTIER ELECTRONICS CO., 1-2-3-7-8, Adv Pg 193	4606 Memphis Ave. Cleveland 9	Ohio
GENERAL DEVICES INC., 7-8, Adv Pg 518	Box 253, Princeton	NJ
General Microwave Corp., 1-2-3	47 Gazza Blvd. Farmingdale	NY
General Radio Co., 1-2	West Concord	Mass
Gibbs Mfg. & Research Corp., 1-2-7-8	454 N Main St. Janesville	Wis
Gilfillan Co., Inc., 8	Dept. E, 1544 N. Glenoaks, Glendale 1	Cal
Gombos Co. Inc. John, 5	Webro Rd. Clifton	NJ
Granger Associates, 1-2-3-4-8	974 Commercial St. Palo Alto	Cal
Greenray Industries, Electronic's Div., 1-2-3-7-8	Mechanicsburg	Pa
Hallamore Electronics Div. Siegler Corp., 7-8	714 N Brookhurst Ave. Anaheim	Cal
Heath Electronic Labs., 1-2	155 Sargeant Ave. Clifton	NJ
HEWLETT-PACKARD CO., 1-4, Adv Pgs 19-34	1501 Page Mill Rd. Palo Alto	Cal
HILL ELECTRONICS INC., 1-2-6-8, Adv Pg 304	300 N Chestnut St. Mechanicsburg	Pa
Holt Instrument Laboratories, 1	Box 230, Oconto	Wis
Hlovar Electronics Co., 7	110 N. Timonium Rd, Timonium	Md
Instrument Corp. of Florida, 8	Box 1226, Melbourne	Fla
ITEK ELECTRO PRODUCTS CO., 1-2, Adv Pg 148	75 Cambridge Pkwy. Cambridge	Mass
Karg Laboratories, Inc., 2-7-8	162 Ely Ave. South Norwalk	Conn
Kinsle & Co., Inc., 7-8	1522 Euclid St, Santa Monica	Cal
KAY ELECTRIC CO., 2-4, Adv Pg 347, 348	Maple Ave. Pine Brook	NJ
Kennedy Co., 1-8	2025 N Lake Ave. Altadena	Cal
KNIGHTS CO., JAMES, 1-2-8, Adv Pg 82	Sandwich	Ill
Laboratory For Electronics, Inc., 6	1079 Commonwealth Ave. Boston 15	Mass
Lear Inc., 1-2-6-8	3171 S Bundy Dr. Santa Monica	Cal
LEL INC., 8 Adv Pg 461	75 Akron St. Copiague	NY
Marconi's Wireless Telegraph Co., Ltd., 1-2	750 Third Ave, New York 17	NY
Maxson Electronics Corp., 4	475 10th Ave. New York 18	NY
Measurements A McGraw-Edison Div., 2	Boonton	NJ
Microdot, Inc., 8-7-8	220 Pasadena Ave. South Pasadena	Cal
Midwestern Instruments, Inc., 7	Box 7509, Tulsa 18	Okla
Mini-Pad, Inc., 3-4-8	7455 E Vama Ave, N. Hollywood	Cal
Monitor Products Co., 1-2-4-5-8	815 Fremont Ave. South Pasadena	Cal
Monrow Radio Mfg. Co., 8	2794 Market St, Salem	Ore
Network Designers Inc., 2-3-4-5-8	30 E 57th St. New York 22	NY
New London Instrument Co., 1-3-6-7-8	82 Union St. New London	Conn
Norman Laboratories, Ernst, 1-2-8	Williams Bay	Wis
NORTHEASTERN ENGINEERING INC., 1-6, Adv Pgs 289-292	Box 198, Manchester	NH
NORTHERN ENGINEERING LABS INC., 1-2-8 Adv Pg 524	372 Wilmot Ave. Burlington	Wis
Orion Electronic Corp., 1-2-3-8	108 Columbus Ave. Tuckahoe	NY
Palmer Instruments, 1-2	1017 Mission St. South Pasadena	Cal
Phillips Electronics Mfg Co., 1-2-8	119 Allen Blvd. Farmingdale	NY
Piezo Crystal Co., 1-2	265 E Pomfret St. Carlisle	Pa
Pitometer Log Corp., 1-2-3-4-6-8	237 Lafayette St, New York 12	NY
Plantronics, Inc., 1-3-8	Easton	Pa
Probescope Co. Inc., 7	8 Sagamore Hill Dr. Port Washington	NY
R S ELECTRONICS CORP., 2-7-8, Adv Pg 305	Box 11368, Sta A, Palo Alto	Cal
Radiophone Co., Inc., 7	610 E Evergreen St. Monrovia	Cal
REEVES HOFFMAN DIV. DYNAMICS CORP OF AMER., 1-2-8 Adv Pg 507	145 Cherry St. Carlisle	Pa
Remanco Inc., 4-6	1905 Colorado, Santa Monica	Cal
Resdel Engineering Corp., 1-2	330 S Fair Oaks Ave, Pasadena	Cal
RIXON ELECTRONICS INC., 1-2-4-5-7, Adv Pg 412	2414 Reedie Dr. Silver Spring	Md
Ryan Electronics Div. Ryan Aero. Co., 8	5650 Kearny Mesa Rd. San Diego 12	Cal
SOLID STATE ELECTRONICS CO., 1-2-3-7-8 Adv Pg 238	Dept E 15321 Rayen St. Sepulveda	Cal
SONEX INC., 7-8, Adv Pg 530	20 E Herman St. Philadelphia 44	Pa
Space Electronics Corp., 5-7-8	930 Air Way, Glendale 1	Cal
Sparton Corp., 1-2-3-4-5-6-7-8	2400 E Ganson St. Jackson	Mich
Spectra Electronics Co., 4-7-8	250 E. 3rd St, Mt. Vernon	NY
TECHNICAL MATERIEL CORP., 1-2-3-6, Adv Pg 346	700 Fenimore Rd. Mamaroneck	NY
TELE-DYNAMICS DIV. AMERICAN BOSCH ARMA CORP., 7-8, Adv Pgs 196, 197	5000 Parkside Ave. Philadelphia 31	Pa
TELONIC ENGINEERING CORP., 1-2-3, Adv Pg 61	733 Broadway, Laguna Beach	Cal
Teltronics Inc., 8	277 Main St. Nashua	NH
Trak Microwave Corp., 6	5006 N Coolidge Ave. Tampa 3	Fla
Troxler Labs., 4-7	Box 5253, Raleigh	NC
United ElectroDynamics Inc., 7	200 Allendale Rd. Pasadena	Cal
Valpey Crystal Corp., 1-2-3	1244 Highland St. Holliston	Mass
VARI-L CO., INC., 7 Adv Pg 126	Box 1433, Stamford	Conn
Varian Associates, 3-4-5	611 Hansen Way, Palo Alto	Cal
Vitro Corp of America, 1-2-8	261 Madison Ave. New York 16	NY
VITRO ELECTRONICS DIV. VITRO CORP., 1-2-8 Adv Pgs 309, 310	919 Jesup Blair Dr. Silver Spring	Md
Walkirt Co., 1-2-8	141 W Hazel St. Inglewood 3	Cal
Waltham Electronics Corp., 1-2-3-6-7-8	751 Main St. Waltham 54	Mass
Wells Electronics Co., 3-7-8	1701 S Main St. South Bend 23	Ind
Wiley Electronic Products Co., 7-8	2045 W Cheryl Dr. Phoenix	Ariz

OSCILLATORS – SWEEPING See GENERATORS – SIGNAL, R-F SWEEP

OSCILLATORS – ULF See OSCILLATORS – A-F

OSCILLATORS – ULTRASONIC See ULTRASONIC EQUIPMENT

OSCILLOGRAPHS – RECORDING

1. CATHODE-RAY WITH CAMERA
2. CATHODE-RAY WITH CAMERA, MULTICHANNEL
3. DIRECT-WRITING
4. DIRECT-WRITING, MULTIELEMENT

See Also RECORDERS

AMERICAN OPTICAL CO. INSTRUMENT DIV., 3, Adv Pg 205	Buffalo 15	NY
Anatab Instrument Corp., 1-2	30 Canfield Rd, Cedar Grove	NJ
Ascop Div of Electro-Mechanical Research, Inc., 4	Box 44, Princeton	NJ
Cambrics, Inc., 3-4	4000 N.W. 28th St, Miami 42	Fla
Century Electronics & Instruments, 3-4	1333 N. Utica, Tulsa 10	Okla
Computing Devices of Can. Ltd., 3	Box 508, Ottawa, Ont	Can
Consolidated Electrodynamics Corp., 1-2-3-4	360 N. Sierra Madre Villa, Pasadena	Cal
Data Equipment Co., 1-3	923 E. 3rd St. Los Angeles 13	Cal
DuMont Labs Allen B. Divs Fairchild Cam & Inst. Corp., 1	750 Bloomfield Ave. Clifton	NJ
EMI-Cossor Electronics Ltd., 1	Box 525 Dartmouth NS	Can
Electro-Mechanical Research, Inc., 4	Box 3041, Sarasota	Fla
Electro-Medical Lab. Inc., 1-2-3-4	South Woodstock 8	Vt
Electronic Tube Corp., 1-2	1200 E. Mermaid La, Philadelphia 18	Pa
Epsco Medical Div. Epsco Inc., 3-4	275 Mass Ave, Cambridge 39	Mass
Geotechnical Corp., 1-2-3	3401 Shiloh Rd, Garland	Tex
Gerber Scientific Instrument Co., 3	89 Spruce St. Hartford 1	Conn
Gordon Enterprises, 1-2-3-4	5362 N Cahuenga Blvd. N Hollywood	Cal
Hathaway Instruments Inc., 2	5800 E Jewell Ave, Denver 22	Colo
Heiland Div., Minneapolis-Honeywell, 3-4	5200 E. Evans Ave, Denver 22	Colo
Hughes Microwave Components Div., 3	Florence & Teale, Culver City	Cal
Kurfurd Co. Inc., 3-4	Cantiague Rd. Westbury	NY
MASSA DIV. COHU ELECTRONICS, INC., 3-4, Adv. Pgs. 442, 443	280 Lincoln St. Hingham	Mass
Midwestern Instruments, Inc., 3-4	Box 7509, Tulsa 18	Okla
New England Scientific Instruments Corp., 4	238 Main St. Cambridge 42	Mass
Offner Electronics Inc., 3-4	3906 River Rd. Schiller Park	Ill
PHILBRICK RESEARCHES INC., GEORGE A., 2, Adv Pg 146	127 Clarendon St. Boston 16	Mass
Philips' Gloeilampenfabrieken, N. V., 1	Eindhoven	Neth
Photron Instrument Co., 3-4	6516 Detroit Ave, Cleveland 2	Ohio
Rank Cintel Ltd., 1-2	Worsley Bridge Rd, London S.E. 26, England	
RIBET DESJARDINS, 1-2, Adv Pgs 229-232	13-17 Rue Perier, Montrouge Seine	Fr
S - E Labs. Ltd., 2-4	606 N Feltham Est. Feltham Middsx	Eng
Southern Instruments Ltd., 1-2-3-4	Frimley Rd. Camberley, Surrey	Eng
Techni-Rite Electronics, Inc., 3-4	95 Centerville Rd. Warwick	RI
TECHNOLOGY INSTRUMENT CORP., 4, Adv Pgs 83, 84	533 Main St. Acton	Mass
Telec, Inc., 3	47 Rue De La Div Leclerc, Gentilly	France
Texas Instruments Incorporated, Apparatus Div. Ind Prods Gr., 3-4	3609 Buffalo Spdwy, Houston 6	Tex

OSCILLOSCOPE CAMERAS See CAMERAS – PHOTOGRAPHIC
OSCILLOSCOPE DOLLIES See DOLLIES
OSCILLOSCOPE PREAMPLIFIERS See AMPLIFIERS – R-F
OSCILLOSCOPE PROBES See PROBES

OSCILLOSCOPES – CATHODE-RAY

1. A-C ONLY, GENERAL-PURPOSE
2. D-C ONLY
3. D-C TO ABOVE 1 MC
4. LARGE-SCREEN
5. MULTIPLE-CHANNEL
6. PORTABLE, DIRECT-VIEWING
7. PROJECTION
8. SAMPLING
9. SIGNAL GENERATOR BUILT-IN
10. WANOSCOPE (Incl. TRAVELING WAVE)

Advanced Technology Labs., 8	369 Whisman Rd. Mountain View	Cal
[illegible] Corp., 2-5	300 S East Ave, Jackson	Mich
Airmec Ltd., 3-4-5	High Wycombe, Buckinghamshire	Eng
Allied Radio Corp., 1-5	100 N Western Ave. Chicago 80	Ill
Avalab Instrument Corp., 1-2-5-6	30 Canfield Rd, Cedar Grove	NJ
Ascop Div of Electro-Mechanical Research, Inc., 4	Box 44, Princeton	NJ
Benrus Watch Co. Inc., 3-5-6	30 Cherry Ave. Waterbury	Conn
Building Blocks Electronics Co., 1	2172 E 36th St. Brooklyn 34	NY
Canadian Aviation Electronics Ltd., 3	Box 2030, Montreal 9	P.Q.
Canadian Marconi Co., 3	2444 Trenton Ave. Montreal	Que
Capehart Corp., 1-6	87-46 123rd St. Richmond Hill 18	NY
Carol Electronics Corp., 6	315 W. Stephens St, Martinsburg	W Va
Central Scientific Co. Div. Cenco Instr Inc., 1	1700 Irving Park Rd. Chicago 13	Ill
Data Equipment Co., 1-2-3-4-5-6-7	323 E. 3rd St, Los Angeles 13	Cal
Dero Research & Dev. Corp., 4-9	Broadway & Park Ave. Huntington	NY
DuMont Labs Allen B. Divs Fairchild Cam & Inst. Corp., 1-2-3-4-5-6-9	750 Bloomfield Ave. Clifton	NJ
EMI-Cossor Electronics Ltd., 3-6	Box 525 Dartmouth NS	Can
EDGERTON, GERMESHAUSEN & GRIER INC., 3, Adv Pg 284	**160 Brookline Ave. Boston**	**Mass**
Elcor Inc., 5	1225 W Broad St. Falls Church	Va
Electro Instruments, Inc., 1-2-3-6	8611 Balboa Ave. San Diego 11	Cal
Electro-Mechanical Research, Inc., 4	Box 3041, Sarasota	Fla
ELECTRONIC INSTRUMENT CO. INC., 1-3, Adv Pg 396	**3300 Northern Blvd. Long Island City**	**NY**
Electronic Measurements Corp., 1	625 Broadway, New York 12	NY
Electronic Tube Corp., 1-2-3-5-6	1200 E Mermaid La, Philadelphia 18	Pa
Epic Inc	150 Nassau St. New York 38	NY
Essential Electronics Corp., 4-5	1011 Power Ave, Cleveland 14	Ohio
Geotechnical Corp., 7-8	3401 Shiloh Rd. Garland	Tex
Gilfillan Bros. Inc., 5	1815 Venice Blvd. Los Angeles 6	Cal
Hathaway Instruments Inc., 5	5800 E Jewell Ave. Denver 22	Colo
Heath Co. A Sub of Daystrom, Inc., 1-3	Benton Harbor	Mich
HEWLETT-PACKARD CO., 3-5-6-8, Adv. Pgs. 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
Hickok Electrical Instrument Co., 1-2-3-4-5-6	10532 Dupont Ave. Cleveland 8	Ohio
Hughes Industrial Systems Div., [illegible]	[illegible] Los Angeles 45	Cal
I-L-S Instrument Div., Marian Instrument Co., 1	4525 W. 160th St. Cleveland 35	Ohio
ITI Electronics Inc., 1-2	369 Lexington Ave. Clifton	NJ
IKEGAMI TSUSHINKI CO. LTD., 1-6, Adv Pg 266	**21 Motoki-cho, Kawasakishi, Kanagawa**	**Jap**
Intertab Inc., 3-5-6	116 Pratt Ave. Brownville	NY
Intl. Tel. & Tel. Corp. Ind. Prods. Div., 4	15191 Bledsoe St. San Fernando	Cal
Jackson Electrical Instrument Co., 1-5	124 McDonough St. Dayton 2	Ohio
Kauke & Co. Inc., 4	1632 Euclid St. Santa Monica	Cal
Kingston Electronics, Div., King Ind., Inc., 1	Medfield	Mass
LAVOIE LABORATORIES INC., 3, Adv Pg 312	**Morganville**	**NJ**
LUMATRON ELECTRONICS, INC., 3-5-8-9 Adv Pg 502	**116 County Cthse Rd. New Hyde Park**	**NY**
Medistor Instrument Co., 5	1443 Northlake Way, Seattle	Wash
Microcell Electronics, 3-6	Blackwater, Nr. Camberley, Surrey	Eng
Millen Mfg. Co., James, 1	150 Exchange St. Malden	Mass
MODEL ENG. & MFG. CORP., 3-5, Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Mullard Equipment, Ltd., 1-3	Torrington Pl, London W.C. 1, England	
New England Scientific Instruments Corp., 5	238 Main St. Cambridge 42	Mass
NORTH ATLANTIC INDUSTRIES INC., 1, Adv Pg 344	**Terminal Dr. Plainview**	**NY**
Orion Electronic Corp., 1-2-3	103 Columbus Ave. Tuckahoe	NY
PHILBRICK RESEARCHES INC., GEORGE A., 4-5-8, Adv Pg 166	**127 Clarendon St. Boston 16**	**Mass**
Philips' Gloeilampenfabrieken, N. V., 1-3	Eindhoven	Neth
Pioneer Industries Div., Almar-York Co., Inc., 6	3455 W. Vickery, Fort Worth 7	Tex
Panelonics, Inc., 1-3-5-9	Easton	Pa
Precision Apparatus Co., Inc., 1-3	70-31 84 St, Glendale 27	NY
Probescope Co., Inc., 1-5	8 Sagamore Hill Dr. Port Washington	NY
Pye Telecommunications, Ltd., 3	Newmarket Rd. Cambridge	Eng
Radio Corp of America, Electron Tube Div., 1	415 S 5th St. Harrison	NJ
Radiometer, 3	72 Emdrupvej, Copenhagen NV 1, Denmark	
Railway Communications, Inc., 5	9351 E. 59 St. Raytown	Mo
Rank Cintel Ltd., 1-4	Worsley Bridge Rd, London S.E. 26, England	
Republic Electronic Industries Corp., 1	111 Gazza Blvd. Farmingdale	NY
RIBET DESJARDINS, 1-2-3-4-5-6-8-9, Adv Pgs 229-232	**13-17 Rue Perier, Montrouge Seine**	**Fr**
Scopes Co., Inc., 1-3-6	P.O. Box 56, Monsey	NY
SIERRA ELECTRONIC CORP., 5 Adv Pgs 128, 129	**3885 Bohannon Dr. Menlo Park**	**Cal**
Simpson Electric Co. Div. American Gage & Machine Co., 1-9	5218 W Kinzie St. Chicago 44	Ill
Solartron, Inc., 1-3-5	1742 S. Zeyn St. Anaheim	Cal
Southern Instruments Ltd., 2	Frimley Rd. Camberley, Surrey	Eng
Specialty Electronics Development Corp., 1	Eileen Way, Syosset	NY
Spivey Inc., James S., 1	4908 Hampden Ln. Washington 4	DC
Stark Electronic Instruments Ltd., 1	Box 670, Ajax	Ont
Sterling Instrument Div., 1	17 Matinecock Ave. Port Washington	NY
Tarc Electronics Div. Gotham Bdcstg Corp., 8	48 Urban Ave. Westbury	NY
TECHNOLOGY INSTRUMENT CORP., 5, Adv Pgs 83, 86	**533 Main St. Acton**	**Mass**
Tektronix Inc., 1-2-3-4-5-6-8-9	Box 500, Beaverton	Ore
Telco, Inc., 2-4-5	47 Rue De La Div Leclerc, Gentilly	France
TOKYO SHIBAURA ELECTRIC CO. LTD., 1, Adv Pg 265	**1-1, Uchisaiwai-cho, Chiyoda-ku Tokyo**	**Jap**
Triplett Electrical Instrument Co., 1	Harmon Rd. Bluffton	Ohio
WATERMAN PRODUCTS CO. INC., 1-2-3-5-6-9, Adv Pg 186	**2445 Emerald St. Philadelphia 25**	**Pa**
WATERS MANUFACTURING INC., 3, Adv Pg 44	**Boston Post Rd. Wayland**	**Mass**
Whitehall Electronics Corp., 3-4-5-6-8-9	1645 Hennepin Ave. Mnpls 3	Minn
Wiltron Co., 8	717 Loma Verde Ave. Palo Alto	Cal

OSCILLOSCOPE SCREEN SCALES See SCALES
OUTDOOR ANTENNAS See ANTENNAS – RADIO RECEIVING
OUTDOOR TV ANTENNAS See ANTENNAS – TV, OUTDOOR
OUTPUT METERS See METERS – OUTPUT
OUTPUT TRANSFORMERS See TRANSFORMERS – IRON-CORE

OVENS – CRYSTAL

A.R.F. Products Inc	7627 Lake St. River Forest	Ill
Airtronics, Inc	5522 Dorsey Ln, Washington 16	DC
BLILEY ELECTRIC CO., Adv Pgs 198, 199	**700 Union Station Bldg. Erie**	**Pa**
BULOVA WATCH CO. INC. ELECTRONICS DIV., Adv Pg 427	**61-10 Woodside Ave. Woodside 77**	**NY**
CLARK CRYSTAL CO., Adv Pg 372	**Farm Rd. Marlboro**	**Mass**
Crown, Ltd	500 Beech St, Whitby, Ontario, Canada	
Delta-F, Inc	113 E. State St, Geneva	Ill
Erwood Inc	1770 Berteau Ave. Chicago 13	Ill
Federated Electronics Inc	134-20 Jamaica Ave. Jamaica 18	NY
Heath Electronic Labs	155 Sargeant Ave. Clifton	NJ
Hevi-Duty Electric Co. Div. Basic Products Corp.	304 Hart St. Watertown	Wis
HUNT CORP., THE, Adv Pg 496	**453 Lincoln St. Carlisle**	**Pa**
Keystone Electronics Co	65 7th Ave, Newark	NJ
KNIGHTS CO., JAMES, Adv Pg 82	**Sandwich**	**Ill**
LAVOIE LABORATORIES INC., Adv Pg 312	**Morganville**	**NJ**
MCCOY ELECTRONICS CO., Adv Pg 135	**Mt. Holly Springs**	**Pa**
Marconi's Wireless Telegraph Co., Ltd	750 Third Ave, New York 17	NY
NORTHERN ENGINEERING LABS., INC Adv Pg 524	**372 Wilmot Ave, Burlington**	**Wisc**
Ovenaire Inc	Box 845, Charlottesville	Va
Palmer Instruments	1117 Mission St. South Pasadena	Cal
Precision Crystal Lab	2223 Warwick Ave. Santa Monica	Cal
Premier Research Laboratories, Inc	83 Seventh Ave, New York 11	NY
RIXON ELECTRONICS INC., Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
SHEROLD CRYSTALS INC., Adv Pgs 437, 438	**1510 McGee St. Kansas City**	**Mo**
Steiner-Ives Co	Springfield Rd, Union	NJ
Stratton Corp	Box 10, Morristown	NJ
Temperature Engineering Corp	1500 Tempcor Blvd. Riverton	NJ
Valpey Crystal Corp	1244 Highland St, Holliston	Mass
Valverde Laboratories	252 Lafayette St. New York 12	NY

OVENS, DRYERS & DEHYDRATORS

1. ELECTRIC
2. ELECTRONIC HEATING
3. GAS-FIRED
4. INFRARED
5. VACUUM BAKE-OUT

Advance Process Supply Co., 1-3	2315 W Huron St. Chicago 12	Ill
Aerotronic Associates Inc., 1	Box 367, Contoocook	NH
Airtronics, Inc., 1	5522 Dorsey Ln, Washington 16	DC
American Gas Furnace Co., 3	170 Spring St. Elizabeth	NJ
American Instrument Co., Inc., 1	8030 Georgia Ave, Silver Spring	Md
Ampere Industries, 4	60 Boston St. Newark 3	NJ
Atlee Corp. Applied Dynamic Div., 1	330 Bear Hill Rd. Waltham	Mass
Baker Co. Inc., 5	106 Granite St. Biddeford	Me
BETHLEHEM FOUNDRY & MACHINE CO., 5 Adv Pg 532	**225 W 2nd St. Bethlehem**	**Pa**
Blue M Electric Co., 1-2	138 & Chatham St. Blue Island	Ill
Central Electron Oscillator Div., Short Wave Plas Form Co., 2	355 N. Newport Blvd, Newport Beach	Cal
Central Scientific Co. Div. Cenco Instr Inc., 1-5	1700 Irving Park Rd. Chicago 13	Ill
Command Systems Inc	1135 N Stanford Ave. Los Angeles 59	Cal
Controlled Atmosphere Enclosures Mfg Co., 1-5	1061 E 8th St. Jacksonville 6	Fla
Copy-ation, Inc., 1	565 N. Western, Chicago 18	Ill
Cox & Co Inc., 1	115 E 23rd St, New York 10	NY
DESPATCH OVEN CO., 1-3, Adv Pg 180	**Minneapolis**	**Minn**
DeVilbiss Co., 1-3	300 Phillips Ave, Toledo 1	Ohio
Devilbiss Co. Metal Fab. Div., 1-2-3-4	5741 Russell St. Detroit 11	Mich
Eisler Engineering Co. Inc., 1-2-3	751 S 13 St. Newark 3	NJ
Electric Hotpack Co. Inc., 1-4-5	5076 Cottman St. Philadelphia 35	Pa
EMPIRE SERVICES, 1, Adv Pg 484	**4D-3, Skaneateles**	**NY**
Engineering Science Div Amer Metal Pdts Co., 1	2[illegible] S State St. Ann Arbor	Mich
ETCHOMATIC INC., 1-2-3, Adv Pg 520	**182 Newton St. Waltham 54**	**Mass**
Fostoria Corp., 4	Box 151, Fostoria	Ohio
Gardner Lab. Inc., 1-3-5	Box 5728-E, Bethesda 14	Md
General Vacuum Corp., 5	81 Hicks Ave. Medford 55	Mass
Girdler Process Eqpt Div. Chemetron Corp., 2	2020 W Broadway, Louisville 11	Ky
Grieve-Hendry Co. Inc., 1-3-4-5	1350 N Elston Ave. Chicago 22	Ill
Gruenberg Electric Co., Inc., 1-3-5	9 Commercial Ave, Garden City	NY
HARSHAW CHEMICAL CO., 1, Adv Pg 508	**1945 E 97th St. Cleveland 6**	**Ohio**
HAYES, INC., C. I., 1-2-5, Adv Pg 236	**875 Wellington Ave. Cranston 10**	**RI**
Hevi-Duty Electric Co. Div. Basic Products Corp., 1-3-5	304 Hart St. Watertown	Wis
High Vacuum Equipment Corp., Sub. Rohrson Technical Products, Inc., 5	2 Churchill Rd, Hingham 1	Mass
Hudson Bay Co., Div., Lachine, Inc., 1	3070 W. Grand, Chicago 22	Ill
Hull Corp., 1-5	Davisville Rd, Hatboro	Pa
Huppert Co., K. H., 1-5	6830-40 S Cottage Grove, Chicago 37	Ill
KAHLE ENGINEERING CO., 1-3-5 Adv Pg 98	**3322 Hudson St. Union City**	**NJ**
Kent & Co., Inc., 1	885 Wells Rd, Wethersfield	Conn
Kanthal Corp., 1	Amelia Pl. Stamford	Conn
Kewaunee Scientific Equipment, 5	4015 Logan St. Adrian	Mich
Kinney Vacuum Div., New York Air Brake Co., 5	3529 Washington St. Boston	Mass
Labline, Inc., 1-5	3070 W Grand Ave. Chicago 22	Ill
LEPEL HIGH FREQUENCY LABS. INC., 2, Adv Pg 410	**54-10 37th Ave. Woodside 77**	**NY**
Lindberg Engineering Co., 5	2450 W Hubbard St. Chicago	Ill
Litton Engineering Labs., 5	P.O. Box 949, Grass Valley	Cal
Livingston Electronic Corp., 5	Livingston 3	NJ
MRC Mfg. Corp., 1-5	47 Buena Vista Ave. Yonkers	NY
MASTER ETCHING MACHINE CO., 1-4, Adv Pgs 527, 528	**127 Greenwood Ave. Wyncote**	**Pa**
Mattker Co., 1	75 River Rd. Nutley 10	NJ
Merco Products, Inc., 4	1248 Bethel Dr. Eugene	Ore
Mistella Ultra-Red Co., The, 4	E. 73rd & Grand Ave, Cleveland 4	Ohio
New England Oven & Furnace Co., Inc., 1-3-4-5	Boston Post Rd, Orange	Conn
Pacific Scientific Co., 1-2-3-4-5	Box 22019, Los Angeles 22	Cal
Pereny Equipment Co., Inc., 1	891 Chambers Rd, Columbus	Ohio
Phillips Electronics Mfg Co., 1-2	119 Allen Blvd. Farmingdale	NY
Pintsch Bamag AG, 5	Postfach 11, Butzbach, Germany	
Pioneer Central Div. Bendix Corp., 1-2	Davenport	Iowa
Precision Scientific Co., 1-3-5	3737 W. Cortland, Chicago 47	Ill
Ramp Mfg Co., 1	1779 N Main St. Los Angeles 31	Cal
Research Inc., 1-4	Box 6164, Edina Br. Mnpls 24	Minn
Scientific Engineering Laboratories, 5	1510 Sixth St, Berkeley 10	Cal
Selas Corp of America, 3	Dresher	Pa
STANDARD CABINET CO. INC., 1-5 Adv Pg 9	**57 Washington Ave. Carlstadt**	**NJ**
Steiner-Ives Co., 1-3-5	Springfield Rd. Union	NJ
STOKES CORP., F. J., 5, Adv. Pgs. 249-252	**5500 Tabor Rd. Phila 20**	**Pa**
Temperature Engineering Corp., 1-2-3-4-5	1500 Tempcor Blvd. Riverton	NJ
Thermatron Div., Willcox & Gibbs Sewing Mach Co., 2	214 W. 39th St, New York 18	NY
Thermo Electric Mfg. Co., 1	465 Huff St, Dubuque	Iowa
Thermovolt Instruments Ltd., 1-3-4	70 Advance Rd. Toronto 18	Ont
U. S. Dynamics Inc., 1-2	10 Dedham St. Newton Highlands	Mass
Vacuum Specialties Co., 5	34 Linden St, Somerville	Mass
Valverde Laboratories, 1	252 Lafayette St. New York 12	NY
Waldorf Corp., 2	841 Frelinghuysen Ave. Newark 12	NJ
Wells Industries Corp., 1	6880 Troost Ave. Hollywood	Cal
Wiegand Co., Edwin L., 4	7605 Thomas Blvd. Pittsburgh 8	Pa
Wright Equipment Corp., 1	128 W Main St. Milltown	NJ
Young Brothers Co., 1-2-3	1829 Columbus Rd, Cleveland	Ohio

OXYGEN CONTROLS See CONTROLS – OXYGEN
OXYGEN INDICATORS See INDICATORS – OXYGEN
OXYGEN RECORDERS See RECORDERS – OXYGEN

PACEMAKERS See CARDIAC EQUIPMENT
PACKAGED CIRCUITS See MODULES
PACKAGE-WRAPPING CONTROLS See CONTROLS – PHOTOELECTRIC
PACKAGING MACHINES See MACHINES – COMPONENT PACKAGING

PACKAGING MATERIALS – CONTAINERS See Also BOXES

Bemis Bro Bag Co	111 N 4th St. Box 70, St Louis 2	Mo
Champion Co	400 Harrison St. Springfield	Ohio
Chicago Transparent, Inc	4806 W Chicago Ave. Chicago 51	Ill
Corrugated Paper Products, Inc	2233 Utica Ave, Brooklyn 34	NY
Craig Systems, Inc	360 Merrimack, Lawrence	Mass
Crystal-X Corp	403 Lemm Rd. Lenni Mills 2	Pa
Cycle Products Co. Inc	173 Central Ave. Newark 2	NJ
Electro-Rack, Inc	11501 Jefferson Blvd, Culver City	Cal
Flex Products Corp	229E Meadow Rd. Rutherford	NJ
Goldsman Co	1328-34 N 4th St. Philadelphia 22	Pa
Koch & Sons, Inc., H.	Corte Madera	Cal
Lerner Plastics Inc	522 S. [illegible]	NJ
M M ENCLOSURES INC., Adv Pg 552	**111 Bloomingdale Rd. Hicksville**	**NY**
Middlesex Paper Tube Co. Inc	345 Chelmsford St. Lowell	Mass
Monsanto Chemical Co. Plastics Div	812 Monsanto Ave. Springfield	Mass
Muckle Mfg. Co	[illegible]	Minn
Niemand Bros. Inc.	45-10 - 94th St. Elmhurst 73	NY
Owens-Illinois Glass Co	P. O. Box 1035, Toledo 1	Ohio
Pall Corp	30 Sea Cliff Ave. Glen Cove	NY
Regent Tube & Bag Co.	35 E 20th St. New York	NY
Republic Steel Corp	Republic Bldg. Cleveland 1	Ohio
Russell Gasket Co	7424 [illegible] Ave, Cleveland 27	Ohio
Sherman Paper Products Corp	156 Oak St, Newton Upper Falls	Mass
Sierra Electric Corp	15100 S. Figueroa St, Gardena	Cal
United Mineral & Chemical Corp	16 Hudson St, New York 13	NY
York-Hoover Corp	York	Pa
Zero Mfg. Co	1121 Chestnut St, Burbank 71	Cal

PACKAGING MATERIALS – CORROSION INHIBITING

Aluminum Co of America	Alcoa Bldg. Pittsburgh 19	Pa
American Felt Co	10 Glenville Rd. Glenville	Conn
Chicago Transparent, Inc	4806 W Chicago Ave. Chicago 51	Ill
Daubert Chemical Co	4700 S Central Ave. Chicago 38	Ill
Electro-Rack, Inc	11501 Jefferson Blvd, Culver City	Cal
LUDLOW CORP., Adv Pg 442	**Needham Heights 94**	**Mass**
Lyncoach & Truck Co. Inc	Oneonta	NY
Monsanto Chemical Co. Plastics Div	812 Monsanto Ave. Springfield	Mass
Regent Tube & Bag Co.	35 E 20th St. New York	NY
Sherman Paper Products Corp	156 Oak St, Newton Upper Falls	Mass
United Mineral & Chemical Corp.	16 Hudson St, New York 13	NY

PACKAGING MATERIALS – CUSHIONING

1. CORRUGATED CARDBOARD
2. FOAM PLASTIC
3. RUBBERIZED HAIR

Algo, Inc	251 West St. South Hackensack	NJ
Almac Plastics Inc., 2	600 Broadway, New York 12	NY
American Latex Fibre Corp., 3	500 N. Broadway, Lawrence	Mass
Armstrong Cork Co., 2	Lancaster	Pa
Blockson & Co., 2-3	Michigan City	Ind
Burr-Brown Research Corp., 5	Box 6444, Tucson	Ariz
Corrugated Paper Products, Inc., 1	2233 Utica Ave, Brooklyn 34	NY
Craig Systems, Inc., 2	360 Merrimack, Lawrence	Mass
Crystal-X Corp., 2	403 Lemm Rd. Lenni Mills 2	Pa
Dow Chemical Co., 2	Midland	Mich
Emerson & Cuming, Inc., 2	869 Washington St. Canton	Mass
Franklin Fibre Lamitex Corp., 2	Box 1768, Wilmington	Del
General Tire & Rubber Co., 2	Akron	Ohio
Goodrich Sponge Products, B. F., 2-3	Shelton	Conn
Haveg Industries Inc., 2	900 Greenbank Rd. Wilmington 8	Del
Isocyanate Products, Inc., 2	P.O. Box 1681, Wilmington	Del
Koch & Sons, Inc., H., 2	Corte Madera	Cal
Koppers Co. Inc., 2	Koppers Bldg. Pittsburgh 19	Pa
Midwest Foam Products Co., 2	1632 Chicago Ave. Evanston	Ill
Monsanto Chemical Co., Plastics Div., 2	812 Monsanto Ave. Springfield	Mass
Nopco Chemical Co., Plastics Div., 2	175 Schuyler Ave, North Arlington	NJ
Owens-Illinois Glass Co., 1	P.O. Box 1035, Toledo 1	Ohio
Panelyte Div. St. Regis Paper Corp., 2	N Enterprise Ave. Trenton 8	NJ
Peter Partition Corp., 1	124 Boerum Pl. Brooklyn 1	NY
Philips' Gloeilampenfabrieken, N. V., 1-3	Eindhoven	Neth
Protective Coatings Corp	596 River Rd, Clifton	NJ
Sherman Paper Products Corp., 1	156 Oak St, Newton Upper Falls	Mass
Standard Plastics, Inc., 2	Fogelsville	Pa
Summit Industries, Inc., 2	2114 W. Rosecrans Ave, Gardena	Cal
United Mineral & Chemical Corp., 2-3	16 Hudson St, New York 13	NY
Zero Mfg. Co., 2-3	1121 Chestnut St, Burbank 71	Cal

PACKAGING SERVICES

Bemis Bro Bag Co	111 N 4th St. Box 70, St Louis 2	Mo
Bestcraft Products Co. Inc	626 Broadway, New York	NY
Blockson & Co	Michigan City	Ind
Crompton & Knowles Packaging Corp	Brimstone St, Holyoke	Mass
Electronic Research Labs	85 Surry St, Brighton 35	Mass
Escotronics	7000 S Vine St. LaGrange	Ill
Gaynes Engineering Co	1642 W Fulton St, Chicago 12	Ill
Goldsman Co	1328-34 N 4th St. Philadelphia 22	Pa

Hi-Lo Mfg Corp ... 1122 W Newport Ave, Chicago 13 ... Ill
Little Inc., Arthur D ... 15 Acorn Park, Cambridge ... Mass
M M ENCLOSURES INC., Adv Pg 552 ... 111 Bloomingdale Rd. Hicksville ... NY
Mid-Continent Screw Products Co ... 5447 N Broadway, Chicago 40 ... Ill
Muckle Mfg. Co ... Printing Rd, Oxdowns ... Mass
Precision Circuits, Inc ... 85 Weyman Ave, New Rochelle ... NY
Radio Corp. of America, Defense Electronic Prods. Bldg. 15-2 Camden ... NJ
Regent Tube & Bag Co ... 35 E 20th St, New York ... NY
Sherman Paper Products Corp ... 156 Oak St, Newton Upper Falls ... Mass
Triumph Products Corp ... 1124 W Newport Ave, Chicago 13 ... Ill
Western Coil & Electrical Co ... 215 State St, Racine ... Wis
Zero Mfg. Co ... 1121 Chestnut St, Burbank 71 ... Cal

PADS-COMPONENT, *PROTECTIVE MOUNTING*

American Felt Co ... 10 Glenville Rd, Glenville ... Conn
Berry Controls Div. Berry Wright Corp ... 711 Pleasant St, Watertown 72 ... Mass
Bemis Bro Bag Co ... 111 N 4th St. Box 70, St Louis 2 ... Mo
Bestcraft Products Co, Inc ... 626 Broadway, New York ... NY
Corrugated Paper Products, Inc ... 2231 Utica Ave, Brooklyn 34 ... NY
Felters Co ... 210 South St, Boston ... Mass
Harford Co, Inc ... Cantiague Rd, Westbury ... NY
Lord Mfg. Co ... 1635 W. 12th St, Erie ... Pa
MB ELECTRONICS A DIV. OF TEXTRON ELECTRONICS INC., Adv Pg 353 ... Box 1825, New Haven 8 ... Conn
Midwest Foam Products Co ... 1532 Chicago Ave. Evanston ... Ill
Minisota Rubber Co. Inc ... Orange County, Unionville ... NY
Pall Corp ... 30 Sea Cliff Ave. Glen Cove ... NY
Precision Circuits, Inc ... 85 Weyman Ave. New Rochelle ... NY
Wells Electronics Co ... 1701 S Main St. South Bend 23 ... Ind
Western Felt Works ... 4029 Ogden Ave, Chicago ... Ill
Zero Mfg. Co ... 1121 Chestnut St, Burbank 71 ... Cal

PAGING RECEIVERS See RECEIVERS -*PAGING*

PAGING SYSTEMS

1. RADIO 2. WIRED PUBLIC ADDRESS

American Elite, Inc (Telefunken), 1 ... 48-50 34 St. Long Island City 1 ... NY
Bogen-Presto Div., Siegler Corp., 2 ... P.O. Box 500, Paramus ... NJ
Cable Industries Corp., 1 ... P. O. Box 151, Endicott ... NY
Calbest Electronics Co., 2 ... 4801 Exposition Blvd. Los Angeles 16 ... Cal
Dukane Corp., 2 ... St Charles ... Ill
EMI-Cossor Electronics Ltd., 2 ... Box 575 Dartmouth NS ... Can
Elgin Metalformers Corp., 1-2 ... 630 Congdon Ave, Elgin ... Ill
Executone, Inc., 2 ... 415 Lexington Ave, New York 17 ... NY
Fenton Electronic Industries, Inc., 1-2 ... 439 Frelinghuysen Ave. Newark ... NJ
Gates Radio Co., 2 ... 123 Hampshire St. Quincy ... Ill
Kaar Engineering Corp., 1 ... 2995 Middlefield Rd. Palo Alto ... Cal
Minnetal, Inc., 1 ... 1 St. SE & Richardson, New Brighton 12 ... Minn
Motorola Communications & Electronics, Inc., 1 ... 4501 Augusta Blvd, Chicago 51 ... Ill
Multitone Electronics Ltd., 1 ... 130 Merton St. Toronto 7 ... Can
Neill Co., Inc., R.W., 2 ... 4320 W. Montrose, Chicago 41 ... Ill
Nugent Electronics Co. Inc., 2 ... 802 E 8th St. New Albany ... Ind
Philips' Gloeilampenfabrieken, N. V., 2 ... Eindhoven ... Neth
Radio Mfg. Engineers, Div., Electro Voice, Inc., 2 ... Buchanan ... Mich
Rakeles, 2 ... 821 Minor Ave. N, Seattle ... Wash
Rowland-Berg Corp., 2 ... 2535 W. Addison St, Chicago 18 ... Ill
Sanley Electronics, 1 ... 1160 S. La Brea Ave, Los Angeles 19 ... Cal
Seiscor Div., Seismograph Service Corp., 1 ... 6200 E. 41st St, P.O. Box 1590, Tulsa 1 ... Okla
Sparton Corp., 1 ... 2400 E Ganson St. Jackson ... Mich
Standard Tel. & Cables Ltd., 1-2 ... 29 Glasshouse Yard, London ... Eng
U. S. Instrument Corp., 2 ... Box 120BG, Charlottesville ... Va
University Loudspeakers Inc., 2 ... 80 S Kensico Ave. White Plains ... NY
Westinghouse-TV Radio Div., 1 ... Metuchen ... NJ
Whitehall Electronics Corp., 1 ... 1645 Hennepin Ave, Mnpls 3 ... Minn

PAINT-DEPTH GAGES See GAGES -*COATING THICKNESS*

PAINTS & PRIMERS -*METAL*

1. INSULATING — *3. PROTECTIVE*
2. PLASTIC BASE — *4. RIPPLE FINISH*

See Also LACQUERS

Anaconda Chemical Co., 1-2-3-4 ... 170 Broadway, New York 38 ... NY
American Solder & Flux Co., 3 ... 19th & Willard Sts. Philadelphia 40 ... Pa
Barrett Varnish Co., 3 ... 1532 S 50 Court, Cicero 50 ... Ill
Bell Labs & Design Inc., 3 ... 125 Manchester Pl, Newark 4 ... NJ
Carboline Co., 2-3 ... 32 Hanley Ind Ct. St Louis 17 ... Mo
Chemical Products Corp., 3 ... King Philip Rd, E. Providence ... RI
Chemtronics, Inc., 1-2-3-4 ... 871 E 52nd St. Brooklyn 3 ... NY
du Pont de Nemours & Co., Inc., E.I., 1-2-3 ... Wilmington 98 ... Del
Esso Standard Div. Humble Oil & Refng Co., 3 ... 15 W 51 St. New York 19 ... NY
Insl-X Products Corp., 1-2-3-4 ... 115 Woodworth Ave. Yonkers ... NY
Isochem Resins Co., 1-2 ... 221 Oak St. Providence 9 ... RI
Keyton, Inc., 3 ... Ford & Washington, Norristown ... Pa
Lawrence Adhesive & Chemical Co. Inc., 2-3 ... 19 S Canal St. Lawrence ... Mass
Magic Chemical Co., 1-2-3 ... 121 Crescent St. Brockton ... Mass
Markette Corp., 1-2-3 ... 37-31 30th St. Long Island City 1 ... NY
Metlar, Inc., 2-3 ... 3000 Arlington Blvd. Falls Church ... Va
Metachem Resins Corp. Mereco Prod Div., 1-2-3 ... 530 Wellington Ave. Cranston 10 ... RI
Metal & Thermit Corp., 3 ... Rahway ... NJ
Midland Ind Div. Harrison Paint & Varnish Co., 3 ... 1329 Harrison Ave. S W, Canton 1 ... Ohio
Midland Industrial Finishes Corp., 1-3 ... Dept I-20, Waukegan ... Ill
Minnesota Mining & Mfg Co. Electrical Tapes, 1 ... 900 Bush Ave. St Paul 6 ... Minn
Monsanto Chemical Co. Plastics Div., 2-3 ... 812 Monsanto Ave. Springfield ... Mass
NATIONAL LEAD CO., 3, Adv Pg 557 ... 111 Broadway, New York 6 ... NY
Norris Labs, Inc ... 8 Lawrence St. Belleville 7 ... NJ
Pierce & Stevens Chemical Corp., 1-3 ... 710 Ohio St., Buffalo 3 ... NY
Polymer Corp., 2-3 ... 2120 Fairmont Ave. Reading ... Pa
Sauereisen Cements Co., 1-3 ... Sauereisen Bldg, Pittsburgh 15 ... Pa
Schenectady Varnish Co. Inc., 1-2-3 ... Congress & 10th, Schenectady 1 ... NY
Standard Tech Chemicals Co., 1-3-4 ... 2000 Richmond Terr. Staten Island 3 ... NY
Sterling Varnish Co., 1 ... Haysville Borough, Sewickley ... Pa
Stonhard Co., Inc., 3 ... 401 N. Broad St, Philadelphia 8 ... Pa
Summit Industries, Inc., 2 ... 2114 W. Rosecrans Ave, Gardena ... Cal
Tenseal Corp., 3 ... 132 W 22nd St. New York 11 ... NY
United Technical Industries Inc., 3 ... 5221 S Major St. Murray ... Utah
Vasco Co., 2-3 ... 147 Meadow Rd. Rutherford ... NJ

PAINTS -*LUMINOUS*

Anaconda Chemical Co ... 170 Broadway, New York 38 ... NY
Blacklight Corp of America ... 5112 Walnut Grove Ave, San Gabriel ... Cal
Black Light Eastern Corp ... 4 Manhasset Ave. Port Washington ... NY
Black Light Products ... 4468 N Sheridan Rd, Chicago 40 ... Ill
Canadian Radium & Uranium Corp ... 630 Fifth Ave, New York 20 ... NY
Chemtronics, Inc ... 871 E 52nd St. Brooklyn 3 ... NY
du Pont de Nemours & Co., Inc., E.I. ... Wilmington 98 ... Del
Insl-X Products Corp ... 115 Woodworth Ave. Yonkers ... NY
Isochem Resins Co ... 221 Oak St. Providence 9 ... RI
A.D. Mackay, Inc ... 198 Broadway, New York 38 ... NY
Shannon Luminous Materials Co ... 7356 Santa Monica Blvd, Hollywood ... Cal
Ultra-Violet Products, Inc ... 5114 Walnut Grove Ave, San Gabriel ... Cal
United Mineral & Chemical Corp ... 16 Hudson St. New York 13 ... NY
U. S. Nuclear Corp ... 801 N. Lake St, Burbank ... Cal
U.S. RADIUM CORP., Adv Pg 200 ... P.O. Box 246, Morristown ... NJ

PAINT SPRAY SYSTEMS -*ELECTROSTATIC* See ELECTROSTATIC SPRAY SYSTEMS

PAINTS -*PRINTED-CIRCUIT & PRINTED-COMPONENT*

1. CONDUCTIVE — *2. RESISTIVE*

See Also CEMENTS -RADIO, *CONDUCTIVE*

A. O. I. P., 1 ... 23 Pl. Jeanne d'Arc, Paris 13 ... Fr
Advance Process Supply Co., 1-2 ... 2315 W Huron St. Chicago 12 ... Ill
Anaconda Chemical Co., 1-2 ... 170 Broadway, New York 38 ... NY
Bellandi Co., Inc., M., 1-2 ... 7500 N. Grand Ave, Elmwood Park ... Ill
CTS CORP., 2, Adv Pg 241 ... 1142 W Beardsley Ave. Elkhart ... Ind
Chemical Products Corp., 2 ... King Philip Rd, E. Providence ... RI
Chemtronics, Inc., 1-2 ... 871 E 52nd St. Brooklyn 3 ... NY
Dry Screen Process, Inc., 2 ... 1016 Madison Ave, Pittsburgh 12 ... Pa
du Pont de Nemours & Co. Inc., E. I., 1 ... Wilmington 98 ... Del
Emerson & Cuming, Inc., 1-2 ... 869 Washington St, Canton ... Mass
ETCHOMATIC INC., 1-2, Adv Pg 520 ... 182 Newton St. Waltham 54 ... Mass
Fuller Co., H.B., 2 ... 255 Eagle St, St. Paul 2 ... Minn
George Co., P. D., 1 ... 5200 N 2nd St. St Louis ... Mo
Goodrich Industrial Prods. Co., B. F., 1-2 ... 500 S Main St. Akron 18 ... Ohio
HANDY & HARMAN, 1, Adv Pg 213 ... 850 3rd Ave. New York 22 ... NY
Huron Industries, 1 ... P.O. Box 104, Port Huron ... Mich
Isochem Resins Co., 1-2 ... 221 Oak St, Providence 9 ... RI
Kreculik Products, Inc., 1-2 ... 73 Murray St, New York 7 ... NY
Materials for Electronics Inc., 1 ... 152-25 138 Ave. Jamaica 34 ... NY
Metachem Resins Corp. Mereco Prod Div., 1-2 ... 530 Wellington Ave. Cranston 10 ... RI
Micro-Circuits Co., 1-2 ... New Buffalo ... Mich
Sterling Varnish Co., 1-2 ... Haysville Borough, Sewickley ... Pa
Sunshine Scientific Instrument, 1 ... 1810 Grant Ave, Philadelphia 15 ... Pa
Tobler Mfg. Co., Inc., 1-2 ... 86-56 Parsons Blvd, Jamaica 32 ... NY
Transene Chemical Corp., 2 ... 312-326 Ash St. Reading ... Mass

PAINTS -*TEMPERATURE INDICATING*

CURTISS-WRIGHT CORP. PRINCETON DIV., Adv Pgs 382, 426, 494 ... Princeton ... NJ
Tempil Corp ... 132 W 22nd St. New York 11 ... NY

PALLADIUM

Accurate Specialties Co. Inc ... 345 Lodi St. Hackensack ... NJ
Bramm Corp., C. S ... 322 Washington St. Mt. Vernon ... NY
Brun Metallurgical Chemical Co ... 875 65 Ave, Philadelphia 26 ... Pa
COHN CORP., SIGMUND, Adv Pg 519 ... 121 S Columbus Ave. Mt. Vernon ... NY
Connecticut Industrial Metals, Inc ... 235 George Ave, Providence 5 ... RI
CONSOLIDATED REACTIVE METALS INC., Adv Pg 551 ... 116 Hoyt St. Mamaroneck ... NY
GIBSON ELECTRIC CO., Adv Pg 462 ... P O Box 535, Delmont ... Pa
HANDY & HARMAN, Adv Pg 213 ... 850 3rd Ave. New York 22 ... NY
LEACH & GARNER CO. INDUSTRIAL DIV., Adv Pgs 538, 539 ... 55 School St. Attleboro ... Mass
A.D. Mackay, Inc ... 198 Broadway, New York 38 ... NY
Materials for Electronics Inc ... 152-25 138 Ave. Jamaica 34 ... NY
NATIONAL LEAD CO., Adv Pg 557 ... 111 Broadway, New York 6 ... NY
SECON METALS CORP., Adv Pg 412 ... 7 Intervale St. White Plains ... NY
Sel-Rex Corp ... 75 River Rd, Nutley 10 ... NJ
Semi-Alloys Inc ... 20 McQuesten Pkwy. N, Mt. Vernon ... NY
Technic Inc ... Box 965, Providence 1 ... RI
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., Adv Pg 81 ... 34 Forest St. Attleboro ... Mass
Tricon Mfg Co ... 4012 S Wallace St. Chicago 20 ... Ill
United Mineral & Chemical Corp ... 16 Hudson St. New York 13 ... NY
Var-Lac-Oid Chemical Co ... 116 Broad St, New York 4 ... NY
Wildberg Bros. Smelting & Refining Co ... 349 Butler Ave. S San Francisco ... Cal
WILKINSON CO., Adv Pg 180 ... 1660 9th St. Santa Monica ... Cal

PANEL LAMPS See LAMPS

PANEL METERS See METERS -*PANEL*

PANELS

1. INSTRUMENT — *3. RECEIVER & TRANSMITTER*
2. JACK — *4. RELAY RACK*

See Also JACK PANEL ASSEMBLIES

ADC, INCORPORATED, 2, Adv Pg 150 ... 2833 13 Ave. S, Minneapolis 7 ... Minn
A. O. I. P., 2 ... 23 Pl. Jeanne d'Arc, Paris 13 ... Fr
ABALON PRECISION MFG CORP., 1-4, Adv Pg 539 ... 540 Casanova St. New York 59 ... NY
Accurate Electronics Corp., 2 ... Box 935G, Elyria ... Ohio
Actuarien Engravers Inc., 1 ... 458 Broadway, New York ... NY
Advance Instrument Corp., 1 ... F St. Delmar ... NJ
Airtronics, Inc., 1-4 ... 5522 Dorsey Ln, Washington 16 ... DC
ALDEN PRODUCTS CO., 4, Adv Pg 359 ... 112 N Main St. Brockton 64 ... Mass
Alphac Inc., 1-2-3-4 ... 49 Gleason Ave. Stamford ... Conn
Altec Lansing Corp., 4 ... 1515 S Manchester Ave. Anaheim ... Cal
Arco Engineering Co., 1-4 ... 7333 W. Ainslie St, Chicago 31 ... Ill
American Machine & Foundry Co., 1-3-4 ... 1025 N Royal St. Alexandria ... Va
Andrew California Corp., 2 ... 941 E Maryland Ave. Claremont ... Cal
Applebaum Corp., 1-2-3-4 ... 1312 Boylston St, Boston ... Mass
Bailey Meter Co., 1 ... 1050 Ivanhoe Rd, Cleveland 10 ... Ohio
Baltic Metal Products Co., 1-4 ... 126 Sutton St. Brooklyn 22 ... NY
Bennett Mfg. Co. Inc., 1 ... Railroad St. Alden ... NY
BODNAR PRODUCTS CORP., 1, Adv Pg 460 ... 230 Mayneord St. New Rochelle ... NY
BUD RADIO INC., 1-2-3-4, Adv Pg 343 ... 2118 E 55th St. Cleveland 3 ... Ohio
CBC Electronics Co. Inc., 1-2-3-4 ... 2601 N Howard St. Philadelphia 33 ... Pa
California Chassis Co., 4 ... 5445 E Century Blvd. Lynwood ... Cal
Canadian Aviation Electronics Ltd., 1 ... Box 2030, Montreal 9 ... P.Q.
Canadian Radium & Uranium Corp., 1 ... 630 Fifth Ave, New York 20 ... NY
Canadian Research Institute, 1 ... 85 Curlew Dr. Don Mills ... Ont

Chicago Thrift-Etching Corp., 1-2-3 ... 1555 N Sheffield Ave. Chicago 22 ... Ill
Chisholm Industries Ltd., 3-4 ... Electronic St. Port Moody B. C. ... Can
CHRISTMAN INDUSTRIES INC., 4, Adv Pg 476 ... 1562 61st St. Brooklyn ... NY
CHURCHILL LIGHTING CORP., 1-4, Adv Pg 533 ... 344 Franklin St. Malrose 76 ... Mass
Columbia Metal Box Co., 1 ... 260 E. 141 St, New York ... NY
Conn-Craft Co., 1 ... 320 Fairlawn Ave, Waterbury ... Conn
Cronstine, Inc., 1-2 ... 6247 Howard St, Chicago 48 ... Ill
Cutler Metal Products Co., 1-3-4 ... 1025 Lime St, Camden ... NJ
Dahlstrom Manufacturing Corp., 1-2-3-4 ... Jamestown ... NY
Davies Molding Co., Harry, 1 ... 1428 N Wells St, Chicago 10 ... Ill
Dean Plastics Inc., 1 ... 110 Herbert Ave. Closter ... NJ
Devco Engineering, Inc., 1 ... Pier Ln W., Caldwell ... NJ
DIALIGHT CORP., 1, Adv Pg 533 ... 60 Stewart Ave. Brooklyn 37 ... NY
Duralith Corp., 1 ... 1125 Race St, Philadelphia 7 ... Pa
Electric Switch Corp., 1-2 ... 2320 S Tibbs Ave. Indianapolis 41 ... Ind
Electro-Chemical Engraving Co Inc., 1 ... 1100 Brook Ave, New York 56 ... NY
Electro-Rack, Inc., 1 ... 11501 Jefferson Blvd, Culver City ... Cal
Electronic Enclosures, Inc., 1-2-3-4 ... 3629 Hollidge Ave, Los Angeles 16 ... Cal
ELECTRONIC PRODUCTS CORP., 1-4, Adv Pgs 545, 546 ... 4642 Belair Rd. Baltimore 6 ... Md
ELECTROSPACE CORP., 1, Adv Pg 378 ... 99 E Hawthorne Ave. Valley Stream ... NY
Elgin Metalformers Corp., 1-2-3-4 ... 630 Congdon Ave, Elgin ... Ill
Elzee Metal Products Co. Inc., 1-3-4 ... 779 39th St. Brooklyn 32 ... NY
Emmco Plastics Corp., 1-2 ... 68 Vine St. Everett ... Mass
Equipto Electronics Corp., 1-2-3-4 ... 319 N Webster St, Naperville ... Ill
Erwood Inc., 1-3-4 ... 1770 Berteau Ave, Chicago 13 ... Ill
Escutronics, 4 ... 7000 S. Vine St, LaGrange ... Ill
Etching Corp. of Cal. Div. Allegri-Tech Inc., 1-3 ... 865 Hinckley Rd. Burlingame ... Cal
Eugene Engineering Co. Inc., 1-2-4-6 ... 1217 Hyde Park Ave. Hyde Park 36 ... Mass
Eversheds & Vignoles Ltd., 1 ... Chiswick, London W 4 ... Eng
Falls Metal Works, Ltd., 4 ... 414 Main St, Little Falls ... NJ
Falstrom Co., 1-2-3-4 ... 44 Falstrom Ct. Passaic ... NJ
Farwell Metal Fabricating, 1-3-4 ... 57 W Fairfield Ave, St Paul 7 ... Minn
Feey Co., Neal, 1 ... 133 La Patera Ave, Goleta ... Cal
Fischer & Porter Co., 1 ... 476 Warminster Rd, Warminster ... Pa
Fisher & Crowe, 1-2-3-4 ... 107 N. Camac St, Philadelphia 7 ... Pa
FORMICA METAL PRODUCTS CO., 4, Adv Pg 524 ... Corporation Way, Medford ... Mass
Forward Products Co., 1 ... 1530 Coit Ave. Cleveland 12 ... Ohio
Foxboro Co., The, 1 ... Foxboro ... Mass
GPE Controls, Inc., 1 ... 240 E. Ontario St, Chicago 11 ... Ill
GENERAL ELECTRIC CO. APPARATUS SALES, 1, Adv Pgs 8, 9 ... 1 River Rd. Schenectady 5 ... NY
Golding Mfg Co., 1-2-3-4 ... 90 Poreta Ave. North Arlington ... NJ
GREENE ELECTRONICS INC., 1-2-3-4, Adv Pg 432 ... 1840 Cranston St. Cranston 9 ... RI
Hagan Chemicals & Controls, Inc ... Hagan Center, Pittsburgh 30 ... Pa
Hammond Mfg Co. Ltd., 1-2-3-4 ... Guelph ... Ont
Hammer Electronics Co. Inc., 4 ... Box 531, Princeton ... NJ
Heldor Electronics Mfg. Corp., 1-2 ... 238 Lewis St. Paterson ... NJ
Henry & Miller Industries, Inc., 1-2-3-4 ... 675 Garfield Ave, Jersey City 5 ... NJ
Hermes Plastics Inc., 1 ... 154 W 14th St. New York 11 ... NY
Hevi-Duty Electric Co Div Basic Products Corp, 1 ... 5th Hurt St, Watertown ... Wis
Holden-Massey Corp., 1-4 ... 140 Allen Blvd, Farmingdale ... NY
Hueck Systems Co., 1 ... 360 Wolf Hill Rd, Huntington Sta ... NY
I. E. Manufacturing, 1 ... 3041 Carroll, Chicago 12 ... Ill
Industrial Engineers, Inc., 1 ... 2212 McDonald Ave. Brooklyn 23 ... NY
Jandor, Inc., 1 ... 428 Salem Ave, Dayton 6 ... Ohio
Kenco Inc., 1 ... Box 417, Havelock Sta. Lincoln 7 ... Neb
Kollsman Instrument Corp Sub Standard Kollsman Inc Inc., 1 ... 80-08 45th Ave. Elmhurst 73 ... NY
Laminated Sheet Products Corp., 1-2-3-4 ... 440 Neponset St, Norwood ... Mass
Leyce Aluminum Co., 1-3 ... Kewaskum ... Wis
Lindberg Engineering Co., 1 ... 2450 W Hubbard St, Chicago ... Ill
Long, Inc., Thomas J., 1-2-3-4 ... 215 Stonehinge Lane, Carle Place ... NY
Lynch Mfg Co., R. H., 1-2-3-4 ... 7431 E Arroyo Dr. South San Gabriel ... Cal
Martin Co., 1-2-3-4 ... Mail No. S3037, Baltimore 3 ... Md
Metalphoto of Cincinnati, 1 ... 7 E. 75 St, Cincinnati ... Ohio
Metal Works, Inc., 4 ... 9th & Jefferson, Hermann ... Mo
Metropolitan Telecommunications Corp., 1-2-3-4 ... Ames Ct. Plainview ... NY
Mid-West Metal Products Inc., 1-2-3-4 ... 450 E Donner Rd. Kansas City 15 ... Kan
Minn-Honeywell, Appar Controls Div., 4 ... 2753 4th Ave. S, Minneapolis 8 ... Minn
Monroe Industries Inc., 1-2-3-4 ... 932 36 St. SE, Grand Rapids 8 ... Mich
NATIONAL TEL-TRONICS CORP., 2, Adv Pg 537 ... 52 St Casmir Ave. Yonkers ... NY
Nelson Electric Mfg Co., 1 ... Box 5265, Tulsa 16 ... Okla
New Brunswick Sheet Metal Works, 1-4 ... 425 Cleveland Ave, Highland Park ... NJ
Newcomb Audio Products Co., 4 ... 6824 Lexington Ave. Hollywood 38 ... Cal
North Electric Co., 2-4 ... 553 S Market St. Galion ... Ohio
Oxi & Willerton, Ltd., 1-2-3-4 ... 47 Crockford Blvd, Toronto 16, Ontario, Canada
Panob Corp., 1 ... 49 Beach St. Port Chester ... NY
Par-Metal Products Corp ... 32-62 49th St. Long Island City 3 ... NY
Park Electrochemical Corp., 1 ... 30-10 Linden Pl. Flushing 54 ... NY
Pearce Simpson, Inc., 1-3-4 ... 2295 NW 14th St, Miami 35 ... Fla
Philips' Gloeilampenfabrieken, N. V., 1 ... Eindhoven ... Neth
Planetronics, Inc., 1-2-3 ... Easton ... Pa
Precision Engraving Co., 1 ... 13 Ridgedale Ave. Hanover ... NJ
PREMIER METAL PRODUCTS CO., 1-3-4, Adv Pg 314 ... 337 Manida St. Bronx 59 ... NY
Pyrometer Co. of America, Inc., 2 ... 600 E Lincoln Hwy. Penndel ... Pa
Research Inc., 1-4 ... Box 6164, Edina Br. Mnpls 24 ... Minn
Rimak Electronics Inc., 1-3-4 ... 10929 Vanowen St. N Hollywood ... Cal
RIXON ELECTRONICS INC., 2, Adv Pg 412 ... 2414 Reedie Dr. Silver Spring ... Md
Signal Indicator Corp., 1 ... 42 Stewart Ave. Brooklyn 37 ... NY
Sorned Electronics Inc., 1-2 ... 177 Mill Ln, Mountainside ... NJ
STANDARD ELECTRIC TIME CO., 1-2, Adv Pg 311 ... 89 Logan St. Springfield ... Mass
Stanton Div. Tyco Metal Products, 4 ... 6918 Beck Ave. North Hollywood ... Cal
Sun Dial Corp., 1-2-3-4 ... E. Passaic Ave, Caldwell ... NJ
Sun Electric Co., 1 ... 6323 Avondale St. Chicago 31 ... Ill
SWITCHCRAFT INC., 2, Adv Pg 236 ... 5537 Elston Ave. Chicago 30 ... Ill
Taylor Instrument Cos., 1-3 ... 95 Ames St. Rochester ... NY
Telectro Industries Corp., 1-2-3-4 ... 35-16 - 37th St. Long Island City 1 ... NY
Thermo Electric Co. Inc., 1-2 ... 109 5th St. Saddle Brook ... NJ
Thermo Electric Mfg. Co., 1 ... 465 Huff St, Dubuque ... Iowa
Trenn, Inc., 1-2-4 ... 420 W. Lake St, Libertyville ... Ill
TRIO LABORATORIES INC., 1 Adv Pg 66 ... Plainview ... NY
Trompeter Electronic Associates, 2 ... 7703 Oakdale Ave. Canoga Park ... Cal
USI Robodyne Div., 1 ... 12345 New Columbia Pike, Silver Springs ... Md

Unisco, Inc., 1 ... 1061 Linden Ave, Ridgefield ... NJ
U. S. Instrument Corp., 1-2-4 ... Box 1288BG, Charlottesville ... Va
U S RADIUM CORP., 1, Adv Pg 200 ... Box 246, Morristown ... NJ
Vector Associates Inc., 4 ... 139-30 34th Rd. Flushing 54 ... NY
VECTOR ELECTRONIC CO., 2, Adv Pg 544 ... 1100 Flower St. Glendale 1 ... Cal
VIBRACHOC S. A., Adv Pg 382 ... 39 Rue des Meltorins, Paris ... Fr
Waldom Electronics Inc., 1 ... 4621 W 53rd St. Chicago 32 ... Ill
Winder Aircraft Corp., 1-2-3-4 ... Dunnellon Air Base, Dunnellon ... Fla
Wright Equipment Corp., 1-2 ... 128 N Main St. Milltown ... NJ
Wyco Metal Products, 4 ... 6918 Beck Ave, North Hollywood ... Cal
York Metal Products, Inc., 1-2-3-4 ... 350 Greenwich St, New York 13 ... NY

PANORAMIC ADAPTERS See ADAPTERS

PAPER
1. CAPACITOR
2. INSULATING, GENERAL
3. INSULATING, HIGH-TEMPERATURE
4. FISH
5. MOLDED PARTS
6. STAMPINGS & PUNCHINGS
TUBING See TUBING -*NONMETALLIC*
ABALON PRECISION MFG CORP., 6, Adv Pg 539 ... 540 Casanova St. New York 59 ... NY
Amflex Products Dept. Amer. Mach. & Fdry. Co., 1-2-3 ... 689 Hope St. Springdale ... Conn
Astron Corp., 1 ... 255 Grant Ave. E Newark ... NJ
Auburn Mfg. Co., The, 1-2-3-4-6 ... Pease Ave. & Stack St. Middletown ... Conn
Barwood Mfg. Co., Inc., L. J., 6 ... 22 Williams St, Everett 49 ... Mass
Bestcraft Products Co. Inc., 2-3-4-6 ... 626 Broadway, New York ... NY
BUD RADIO INC., 6, Adv Pg 343 ... 2118 E 55th St. Cleveland 3 ... Ohio
CARBORUNDUM CO. REFRACTORIES DIV., 2-3, Adv Pgs 104, 105 ... Perth Amboy ... NJ
Catalyst Research Corp., 2-3 ... 6101 Falls Rd, Baltimore 9 ... Md
Clearprint Paper Co ... 1482 67th St, Emeryville ... Cal
COTTRELL PAPER CO. INC., 2, Adv Pg 554 ... 10 Purchase St. Fall River ... Mass
Cox Mfg. Co., 6 ... 807 Fredericksburg Rd, San Antonio 1 ... Tex
Crocker, Burbank Papers Inc., 1-2 ... Fitchburg ... Mass
Dayton Rogers Mfg. Co., 5 ... 2824 13th Ave. S. Minneapolis 7 ... Minn
Dennison Mfg. Co., 2-3 ... 300 Howard St. Framingham ... Mass
Elzee Metal Products Co Inc., 6 ... 779 39th St, Brooklyn 32 ... NY
Emco Plastics Corp., 4-6 ... 68 Vine St. Everett ... Mass
Franklin Fibre-Lamitex Corp., 2-3-4 ... Box 1768, Wilmington ... Del
Hartford City Paper Co., 2 ... S. Spring St, Hartford City ... Ind
I. E. Manufacturing, 6 ... 3041 Carroll, Chicago 12 ... Ill
Insulating Fabricators, Inc., 4 ... 150 Union Ave. East Rutherford ... NJ
Insulation Manufacturers Corp., 2-3-4-6 ... 565 W Washington Blvd. Chicago 6 ... Ill
Jandor, Inc., 6 ... 428 Salem Ave, Dayton 6 ... Ohio
Jonesville Paper Tube Corp., 1 ... 474 Beck Rd. Jonesville ... Mich
Krengel Mfg. Co., Inc., 6 ... 227 Fulton St, New York 7 ... NY
Laminated Sheet Products Corp., 4-6 ... 449 Neponset St. Norwood ... Mass
Lansky Die Cutting Corp., 6 ... 473 President St, Brooklyn 15 ... NY
Long, Inc., Thomas J., 4-6 ... 215 Stonehinge Lane, Carle Place ... NY
Middlesex Paper Tube Co. Inc., 1-6 ... 345 Chelmsford St. Lowell ... Mass
Minnesota Mining & Mfg Co. Electrical Tapes, 2-4 ... 900 Bush Ave. St Paul 6 ... Minn
Mosinee Paper Mills Co., 2 ... Mosinee ... Wisc
National Gasket & Washer Mfg. Co. Inc., 2-3-4-5-6 ... 124 E 25 St. New York 10 ... NY
National Vulcanized Fibre Co., 4-6 ... Box 311, Wilmington 99 ... Del
NATVAR CORP., 1, Adv Pg 523 ... Woodbridge ... NJ
Niemand Bros. Inc., 6 ... 4510 - 94th St. Elmhurst 73 ... NY
Penn Fibre & Specialty Co., 2-4-6 ... 2020 E. Westmoreland St, Philadelphia 34 ... Pa
Precision Metal Products Co. of Malden, 6 ... 41 Elm St. Stoneham 80 ... Mass
Ross Co., Milton, 5-6 ... 239 Jacksonville Rd. Hatboro ... Pa
Schweitzer, Peter J. Div. Kimberly-Clark Corp., 1-2 ... Lee ... Mass
Shelfco Mfg. Corp., 6 ... 323 Bergen Blvd, Fairview ... NJ
Sillcocks-Miller Co., 6 ... Maplewood ... NJ
Spaulding Fibre Co. Inc., 4-6 ... 310 Wheeler St. Tonawanda ... NY
Speed Electronics Inc., 6 ... 177 Mill Ln. Mountainside ... NJ
Staver Co. Inc., 6 ... 41 N Saxon Ave. Bay Shore ... NY
Stevens Paper Mills, Inc., 1-2 ... Windsor ... Conn
Stone City Products Co., 6 ... 1206-7th St. Bedford ... Ind
Taylor Fibre Co., 4 ... Norristown 51 ... Pa
Waldom Electronics Inc., 5 ... 4621 W 53rd St. Chicago 32 ... Ill
Welsh Co. Inc., W. H., 2 ... 2241 Indiana Ave. Chicago ... Ill
West Virginia Pulp & Paper Co., 2 ... Covington ... Va
Wilmington Fibre Specialty Co., 4 ... New Castle 6 ... Del

PAPER BOBBINS See BOBBINS
PAPER BOXES See BOXES
PAPER -*FACSIMILE RECORDING* See FACSIMILE EQUIPMENT
PAPER FORMS See FORMS -*COIL & RESISTOR*
PAPER -*RECORDING, FACSIMILE* See FACSIMILE EQUIPMENT

PAPER -*RECORDING, GENERAL PURPOSE*
Alfax Paper & Engineering Co ... Washington St. P.O. Box 125, Westboro ... Mass
BRUSH INSTRUMENTS DIV. OF CLEVITE CORP Adv Pgs 144, 145 ... 37th & Perkins, Cleveland 14 ... Ohio
du Pont de Nemours & Co., Inc., E.I. ... Wilmington 98 ... Del
Eastman Kodak Co ... 343 State St. Rochester 4 ... NY
LUDLOW CORP., Adv Pg 442 ... Needham Heights 94 ... Mass
MASSA DIV. COHU ELECTRONICS, INC Adv Pgs 442, 443 ... 280 Lincoln St. Hingham ... Mass
Nashua Corp ... 44 Franklin St. Nashua ... NH
Peerless Photo Products, Inc. ... Rt 25A, Shoreham ... NY
Soroban Engineering, Inc ... P.O. Box 1717, Melbourne ... Fla
Techni-Rite Electronics, Inc ... 65 Centerville Rd. Warwick ... RI

PARAMAGNETIC AMPLIFIERS See AMPLIFIERS -*MICROWAVE, MASER*
PARAMETRIC AMPLIFIERS See AMPLIFIERS -*MICROWAVE*
PARTICLE ACCELERATORS See ACCELERATORS
PARTICLE COUNTERS See COUNTERS -*NUCLEAR PARTICLE*
PARTICLE-SIZE ANALYZERS See ANALYZERS -*PARTICLE-SIZE*
PASSIVE REFLECTORS See REFLECTORS -*PASSIVE*
PATCH BAYS -*COMPUTER* See BAYS -*PATCH*
PATCH BOARDS See BOARDS -*COMPUTER*
PATCH CORDS See CORDS -*PATCH*
PEAK-LIMITING AMPLIFIERS See AMPLIFIERS - A-F: AMPLIFIERS - R-F
PERFORATED MATERIAL See MATERIAL -*PERFORATED*

PERFORATORS -*COMPUTER TAPE*
1. COMPUTER-CONTROLLED 2. KEYBOARD-CONTROLLED 3. MANUAL
Addo-X, Inc., 1-2 ... 300 Park Ave, New York 22 ... NY
Benson-Lehner Corp., 2 ... 1860 Franklin, Santa Monica ... Cal
Boehme Inc., H. O., 2 ... 915 Broadway, New York 10 ... NY
Clary Corp., 1-2-3 ... 408 Junipero St. San Gabriel ... Cal
Digital Service Labs., 2-3 ... 23922 Crenshaw Blvd. Torrance ... Cal
Invac Corp., 1-2-3 ... 14 Huron Dr. Natick ... Mass
McDonnell Aircraft Co., 1-2 ... Box 516, St Louis 66 ... Mo
Precision Specialties, Inc., 1-2-3 ... Delsea Dr, P.O. Box 118, Pitman ... NJ
Soroban Engineering, Inc., 1-2 ... P.O. Box 1717, Melbourne ... Fla
Tally Register Corp., 1-2-3 ... 1310 Mercer St, Seattle 9 ... Wash
Teletype Corp., 1-2 ... 5555 W. Touhy Ave, Skokie ... Ill
Wang Laboratories, Inc., 2 ... 12 Huron Dr. Natick ... Mass

PERMANENT MAGNETS See MAGNETS -*PERMANENT*
PERMEABILITY-TYPE TUNERS See TUNERS

PERMEAMETERS
Minn-Honeywell, Rubicon Instruments ... Ridge at 35 St, Philadelphia 32 ... Pa
Sunshine Scientific Instrument ... 1810 Grant Ave, Philadelphia 15 ... Pa

PHASE ADAPTERS See ADAPTERS
PHASE-ANGLE METERS See METERS -*PHASE-ANGLE*
PHASE COMPARATORS See COMPARATORS
PHASE MODULATORS See MODULATORS
PHASE MONITORS See MONITORS -*PHASE*
PHASE-SEQUENCE INDICATORS See INDICATORS -*PHASE-SEQUENCE*
PHASE SHIFTERS See SHIFTERS -*PHASE*
PHASE-SHIFT TRANSDUCERS See TRANSDUCERS
PHASE STANDARDS See STANDARDS -*PHASE*
PHASING NETWORKS -*DIRECTIONAL ANTENNA* See NETWORKS
PHASING UNITS -*DIRECTIONAL TRANSMITTING ANTENNA* See COUPLERS
pH CONTROLS See CONTROLS -pH
PHENOLIC LAMINATES See LAMINATES - *COPPER-CLAD*
PHENOLICS See PLASTICS
pH INDICATORS See INDICATORS -pH
PHONE PLUGS See PLUGS
PHONES See HEADPHONES
PHONOGRAPH MOTORS See MOTORS
PHONOGRAPH NEEDLE SCRATCH FILTERS See FILTERS
PHONOGRAPH PICKUPS See PICKUPS

PHONOGRAPHS
1. HIGH-FIDELITY, TABLE OR CONSOLE
2. RECORD CHANGERS ALONE
3. RECORD CHANGERS WITH AUDIO
4. RECORD PLAYERS ALONE
5. RECORD PLAYERS, BATTERY-OPERATED (TRANSISTORIZED AUDIO)
6. RECORD PLAYERS WITH AUDIO
7. STEREO
HIGH-FIDELITY SYSTEMS See HIGH-FIDELITY SYSTEMS
AIWA CO. LTD., 4-5, Adv Pg 264 ... 4 Motoiwakomo-cho, Kanda Chiyoda-ku, Tokyo ... Jap
Allied Radio Corp., 1 ... 100 N Western Ave. Chicago 80 ... Ill
American Elite, Inc. (Telefunken), 1-7 ... 48-50 34 St. Long Island City 1 ... NY
Andrea Radio Corp., 1-3-7 ... 27-01 Bridge Pl N., Long Island City 1 ... NY
Arvin Industries Inc., 1-6-7 ... Columbus ... Ind
Audio Industries, Inc ... Michigan City ... Ind
Audio-Master Corp., 1-3-4-5-6-7 ... 17 East 45th St. New York 17 ... NY
Audiotronics Corp., 6-7 ... 11057 Weddington St. N. Hollywood ... Cal
Autocrat Electronics Co., 2-3-4-6-7 ... 5024 Elm St. Skokie ... Ill
Bach Auricon Inc., 4 ... 6924 Romaine St. Hollywood 38 ... Cal
Bell Sound Div. TRW Inc., 1 ... 555 Marion Rd. Columbus 7 ... Ohio
Bogen-Presto Div. Siegler Corp., 1-4-6-7 ... Box 500, Paramus ... NJ
Braun, Max, 4-5 ... 22 Russelsheimerstr. Frankfurt/Main ... Ger
CBS Electronics, Div., CBS, Inc., 1-3-6-7 ... 100 Endicott St, Danvers ... Mass
Calbest Electronics Co., 6-7 ... 4801 Exposition Blvd. Los Angeles 16 ... Cal
Channel Master Co., 2-4 ... Ellenville ... NY
Collaro Ltd. (Rockbar), 1-2-4-7 ... 650 Halstead Ave. Mamaroneck ... NY
Dukane Corp., 2-3-4-6 ... St Charles ... Ill
Electro-Sonic Labs, Inc., 7 ... 627 Broadway, New York 12 ... NY
Electron Enterprises, 1-3-4-5-6-7 ... 6917-19-21 Stanley Ave, Berwyn ... Ill
Electronic Applications, Inc., 4 ... 194 Richmond Hill Ave, Stamford ... Conn
Electrophono & Parts Corp., 1-2-3-4-6-7 ... 530 Canal St, New York 13 ... NY
Fairchild Recording Equip Co., 1-4 ... 10-40 - 45th Ave. Long Island City L ... NY
Fanon Electronic Industries Inc., 1-3-4-5-6-7 ... 439 Frelinghuysen Ave. Newark ... NJ
Garrard Sales Corp., 2-4-7 ... 80 Shore Rd. Port Washington ... NY
General Dynamics/Electronics, 1-7 ... 100 Carlson Rd. Rochester 3 ... NY
General Industries Co., 4 ... Taylor & Olive Sts. Elyria ... Ohio
General Instrument of Canada Ltd., 1-7 ... 151 Weber St. S, Waterloo ... Ont
Glaser-Steers Corp., 2 ... 155 Oraton St. Newark 4 ... NJ
Gray Mfg. Co., 4 ... Dept 67, 16 Arbor St. Hartford 1 ... Conn
Heath Co. A Sub of Daystrom, Inc., 1-2-3-4-7 ... Benton Harbor ... Mich
JAPAN PIEZO ELECTRIC CO. LTD., 2-5, Adv Pg 258 ... 801 Kami-renjaku, Mitaka, Tokyo ... Jap
Jonard International Corp., 4-5-7 ... 624 Madison Ave. New York 22 ... NY
Lesa Const Electromeccaniche SpA., 1-2-3-4-5-6-7 ... 21 Via Bergamo, Milano ... Italy
M P Engineering Co., 1-6-7 ... Fairfield 3 ... Conn
Magnavox Co., 1-2-3-7 ... 2131 Bueter Rd. Fort Wayne 4 ... Ind
Meitzner Engineering Corp., 4 ... 1041 N. Sycamore, Hollywood 38 ... Cal
Molded Insulation Co., 4-6 ... 335 E. Price St, Phila 44 ... Pa
Newcomb Audio Products Co., 1-6-7 ... 6824 Lexington Ave. Hollywood 38 ... Cal
Olympic Radio & TV Div. Siegler Corp., 1-3-6-7 ... 34-01 38 Ave. Long Island City 1 ... NY
PACKARD-BELL ELECTRONICS CORP. TECHNICAL PRODUCTS DIV., 1-6-7, Adv Pg 49 ... 12333 W Olympic Blvd. Los Angeles 64 ... Cal
Pemaflux Products Co., 1-4-5-7 ... 4101 San Fernando Rd. Glendale ... Cal
Philips' Gloeilampenfabrieken, N. V., 1-7 ... Eindhoven ... Neth
Phonograph Corp. of America, 3-4-6-7 ... 240A Old Country Rd. Hicksville ... NY
Pilot Radio Corp., 1-7 ... 37-06 36th St. Long Island City ... NY
Rheem Califone Corp., 4 ... 1020 N. La Brea Ave, Hollywood 38 ... Cal
Setchell-Carlson, Inc., 6-7 ... New Brighton, St Paul 12 ... Minn
Sonograf Electric Co., 1-2-3-4-6-7 ... 35 E 28th St. New York 16 ... NY
Sparton Corp., 1-4-7 ... 2400 E Ganson St. Jackson ... Mich
Sylvania Elec Prods Inc. Home Electronics Div., 1-7 ... 700 Ellicott St. Batavia ... NY
Thorens Div. Elpa Mktg. Ind. Inc., 2-4-7 ... Thorens Bldg. New Hyde Park ... NY
Translite Electronics Corp., 7 ... 5720 W Armitage Ave. Chicago 39 ... Ill
Trav-Ler Radio Corp., 1-3-4-5-6-7 ... 571 W Jackson Blvd. Chicago ... Ill
U.S. Recording Co., 4-6 ... 1345 Capitol St, Washington ... DC

V-M Corp., 1-2-3-4-5-7 ... 305 Territorial, Benton Harbor ... Mich
Waters Conley Co., Inc., 1-6-7 ... 17 E. Chestnut St. Chicago 11 ... Ill
Webcor, Inc., 1-2-3-6-7 ... 5610 Bloomingdale Ave. Chicago 39 ... Ill
Wells-Gardner Electronics Corp., 1-7 ... 2701 N Kildare Ave. Chicago 39 ... Ill
Westinghouse-TV Radio Div., 1-3-5-6-7 ... Metuchen ... NJ
Wurlitzer Co., 3-6-7 ... North Tonawanda ... NY
Zenith Radio Corp., 1-3-6-7 ... 6001 Dickens Ave, Chicago 39 ... Ill

PHONO PLUGS See PLUGS

PHOSPHIDES See INTERMETALLICS

PHOSPHOR BRONZE
1. SHEETS
2. STRIP
3. STAMPINGS & PUNCHINGS
WIRE See WIRE -*BARE*
Accurate Electronics Corp., 3 ... Box 335G, Elyria ... Ohio
Accurate Specialties Co. Inc., 3 ... 345 Lodi St. Hackensack ... NJ
Alpitec Inc., 3 ... 49 Gleason Ave, Stamford ... Conn
Amatom Electronic Hardware Co. Inc., 3 ... 88 Drake Ave. New Rochelle ... NY
Anaconda American Brass Co., 1-2-3 ... 414 Meadow St, Waterbury 20 ... Conn
Auburn Mfg. Co., The, 3 ... Pease Ave & Stack St, Middletown ... Conn
AUGAT BROS. INC., 3, Adv Pg 112 ... 33 Perry Ave. Attleboro ... Mass
Avionics Ltd., 3 ... Box 200, Niagara-on-the-Lake ... Ont
Barwood Mfg. Co., Inc., L. J., 3 ... 22 Williams St, Everett 49 ... Mass
Bell Inc., F. W., 3 ... 1356 Norton Ave. Columbus 12 ... Ohio
Bram Metallurgical Chemical Co., 1-2-3 ... 820 65 Ave, Philadelphia 26 ... Pa
BRAUN TOOL & INSTRUMENT CO. INC., H., 3, Adv Pg 451 ... 140 5th Ave. Hawthorne ... NJ
Bridgeport Brass Co., 1-2-3 ... 30 Grand St. Bridgeport ... Conn
Brush Beryllium Co., 2 ... 5209 Euclid Ave. Cleveland 3 ... Ohio
Chase Brass & Copper Co., Inc., 1-2 ... 236 Grand St, Waterbury 20 ... Conn
CLY-DEL MFG CO., 3, Adv Pg 400 ... 42 Sharon Rd. Waterbury ... Conn
Composite Industrial Metals Inc., 2 ... 235 Georgia Ave. Providence 5 ... RI
CONSOLIDATED REACTIVEMETALS INC., 2, Adv Pg 551 ... 116 Hoyt St. Mamaroneck ... NY
Cox Mfg. Co., 3 ... 807 Fredericksburg Rd, San Antonio 1 ... Tex
Dayton Rogers Mfg. Co., 3 ... 2824 13th Ave. S. Minneapolis 7 ... Minn
Electronic Parts Mfg Co. Inc., 3 ... 508-10 25th St. Union City ... NJ
Everard Tap & Die Corp., 3 ... 213 E 144th St. New York 51 ... NY
Gemex Corp. Industrial Div., 3 ... 1200 Commerce Ave. Union ... NJ
GENERAL FINDINGS INC. INDUSTRIAL DIV., 3, Adv Pgs 538, 539 ... 55 School St. Attleboro ... Mass
GEORGE PRODUCTS CO. INC., 3, Adv Pg 470 ... 104 Dorsa Ave. Livingston ... NJ
GIBSON ELECTRIC CO., 3, Adv Pg 462 ... P O Box 535, Delmont ... Pa
HK Metal Craft Mfg Corp., 3 ... 3775 Tenth Ave. New York 34 ... NY
Horton-Angell Co., 1-2 ... 27 Bicknell St. Attleboro ... Mass
Hudson Tool & Die Co., Inc., 3 ... 18 Malvern St, Newark 6 ... NJ
Ippolito & Co., Inc., James, 3 ... 1624 Stillwell Ave. Bronx 61 ... NY
Jandor, Inc., 3 ... 428 Salem Ave, Dayton 6 ... Ohio
Jones & Roy Co., 3 ... 620 Commercial Ave, Covina ... Cal
KENTUCKY ELECTRONICS INC., 3, Adv Pg 321 ... 2208 W 2nd St. Owensboro ... Ky
LEACH & GARNER CO. INDUSTRIAL DIV., 1-2, Adv Pgs 538, 539 ... 55 School St. Attleboro ... Mass
A.D. Mackay, Inc., 1-2 ... 198 Broadway, New York 38 ... NY
National Gasket & Washer Mfg. Co. Inc., 3 ... 124 E 25 St. New York 10 ... NY
O & M Tool Die & Mfg. Co., 3 ... 3316 Palisade Ave. Union City ... NJ
Precision Methods Inc., 3 ... 142 Fulton Ave. New Hyde Park ... NY
Quadriga Mfg. Co., 3 ... 213 W. Grand Ave, Chicago 10 ... Ill
Revere Copper & Brass, Inc., 1-2-3 ... 230 Park Ave. New York 17 ... NY
Rimak Electronics Inc., 3 ... 10929 Vanowen St. N Hollywood ... Cal
Riverside-Alloy Metal Div., H.K. Porter, Inc., 1-2 ... 1 Pavilion Ave, Riverside ... NJ
Semi-Alloys Inc., 1-2-3 ... 20 McQueston Pkwy. N, Mt. Vernon ... NY
Shawmut Engineering Co., 3 ... 195 Freeport St. Boston ... Mass
Shelfco Mfg. Corp., 3 ... 323 Bergen Blvd, Fairview ... NJ
Smith, Inc., Herman H., 3 ... 2326 Nostrand Ave, Brooklyn 10 ... NY
Somers Brass Co., 2 ... 94 Baldwin Ave, Waterbury ... Conn
Speed Electronics Inc., 3 ... 177 Mill Ln. Mountainside ... NJ
Staver Co. Inc., 3 ... 41 N Saxon Ave. Bay Shore ... NY
Steel Heddle Mfg Co., 2 ... 2100 W Allegheny Ave. Philadelphia 32 ... Pa
Sylvania Electric Products Inc., Parts Div., 2-3 ... 12 Second Ave, Warren ... Pa
Templet Industries, 3 ... 701 Atkins Ave, Brooklyn ... NY
Tricon Mfg. Co., 3 ... 8012 S. Wallace St, Chicago 20 ... Ill
United Screw & Bolt Corp., 3 ... 3590 W. 58 St, Cleveland 2 ... Ohio
Volkert Stampings, Inc., 3 ... 222-34 96th Ave, Queens Village 29 ... NY
Wade Electric Products Co., 3 ... 400 Jacob St. Sturgis ... Mich
Wrought Washer Mfg. Co., 3 ... 2264 S. Bay St, Milwaukee 7 ... Wisc

PHOSPHOROUS -*HIGH-PURITY*
General Electric Co. Lamp Metals & Components Dept ... 21800 Tungsten Rd. Cleveland 17 ... Ohio
A.D. Mackay, Inc ... 198 Broadway, New York 38 ... NY
SEMI-ELEMENTS INC., Adv Pg 524 ... Saxonburg Blvd. Saxonburg ... Pa
United Mineral & Chemical Corp ... 16 Hudson St. New York 13 ... NY
Var-Lac-Oid Chemical Co ... 116 Broad St. New York 4 ... NY

PHOSPHORS See FLUORESCENT COMPOUNDS
PHOTOCELLS See CELLS -*PHOTOELECTRIC*
PHOTOCONDUCTIVE CELLS See CELLS -*PHOTOELECTRIC*
PHOTOCOPY MACHINES See MACHINES -*COPYING*
PHOTODIODES See DIODES -*CRYSTAL*
PHOTOELECTRIC CELLS See CELLS -*PHOTOELECTRIC*
PHOTOELECTRIC CHOPPERS See CHOPPERS
PHOTOELECTRIC CONTROLS See CONTROLS -*PHOTOELECTRIC*
PHOTOELECTRIC COUNTERS See COUNTERS -*PHOTOELECTRIC*
PHOTOELECTRIC DENSITY CONTROLS See CONTROLS -*DENSITY*
PHOTOELECTRIC DIMENSION GAGES See GAGES -*DIMENSION*
PHOTOELECTRIC DOOR CONTROLS See CONTROLS -*DOOR*
PHOTOELECTRIC ILLUMINATION CONTROLS See CONTROLS -*PHOTOELECTRIC*
PHOTOELECTRIC PUNCHED-TAPE READERS See READERS
PHOTOELECTRIC REFLECTION METERS See METERS -*REFLECTION, PHOTOELECTRIC*
PHOTOELECTRIC SOURCE LAMPS See LAMPS
PHOTOELECTRIC TRACER CONTROLS See CONTROLS -*CONTOURING*
PHOTO-ETCHED COMPONENTS See COMPONENTS -*PHOTO-ETCHED*

PHOTOFLASH EQUIPMENT -*ELECTRONIC*
American Speedlight Corp ... 63-01 Metropolitan, Middle Village 79 ... NY
BURKE & JAMES INC., Adv Pg 553 ... 321 S Wabash Ave. Chicago 4 ... Ill

Dornitzer Electric & Mfg. Co., Inc	5 Hadley St, Cambridge 41	Mass
Electro Powerpacs Inc.	5 Hadley St. Cambridge 41	Mass
Elesag s.p.r.l.	7 av. Wellington, Brussels 18	Belg
Flight Research, Inc	Box 1-F, Richmond 1	Va
Gordon Enterprises	5362 N. Cahuenga Blvd, N. Hollywood	Cal
Kenlite Laboratories, Inc	1815 W. Grand Ave, Chicago 22	Ill

PHOTOFLASH OUTPUT METERS See METERS-*PHOTOFLASH LIGHT OUTPUT*
PHOTOFLASH TUBES See LAMPS
PHOTOGRAPHIC EXPOSURE CONTROLS See CONTROLS-*PHOTOELECTRIC*
PHOTOGRAPHIC FILM RECORDERS See RECORDERS-*FILM*
PHOTOGRAPHIC FILMS See FILMS

PHOTOMETERS

Bliss Associates, Inc	385 Putnam Ave. Cambridge 39	Mass
Coleman Instruments Inc.	42 Madison St. Maywood	Ill
ELDORADO ELECTRONICS CO., Adv Pg 308	**2821-10th St. Berkeley**	**Cal**
Electro-Physics Co	287 Broadway, New York 7	NY
Farrand Optical Co. Inc	Bronx Blvd. at 238th St. New York 70	NY
Gordon Enterprises	5362 N Cahuenga Blvd. N Hollywood	Cal
PHOTOCHRON INSTRUMENTS INC., Adv Pg 516	**662 Main St. Westbury**	**NY**
Ultrasonic Engineering Co	P.O. Box 209, Maywood	Ill

PHOTOMULTIPLIER TUBES See TUBES-*PHOTOTUBES*
PHOTOTRANSISTORS See TRANSISTORS
PHOTOTUBES See TUBES-*PHOTOTUBES*
PHOTOVOLTAIC CELLS See CELLS-*PHOTOELECTRIC*
pH RECORDERS See RECORDERS-*pH*

PICKUP ARMS

Allied Radio Corp	100 N Western Ave. Chicago 80	Ill
CBS Electronics, Div. CBS, Inc	100 Endicott St, Danvers	Mass
Components Corp	Denville	NJ
Dynaco, Inc	3912 Powelton Ave, Philadelphia 4	Pa
EMI-Cossor Electronics Ltd	Box 525 Dartmouth NS	Can
Electro-Sonic Labs, Inc	627 Broadway, New York 12	NY
Fairchild Recording Equip Co	10-40 45th Ave. Long Island City 1	NY
Garrard Sales Corp	80 Shore Rd. Port Washington	NY
JAPAN PIEZO ELECTRIC CO. LTD., Adv Pg 258	**801 Kami-renjaku, Mitaka, Tokyo**	**Jap**
Metzner Engineering Corp	1041 N. Sycamore, Hollywood 38	Cal
Pickering & Co., Inc	Sunnyside Blvd, Plainview	NY
Thorens Div. Elpa Mktg. Ind. Inc	Thorens Bldg. New Hyde Park	NY

PICKUP COILS See COILS
PICKUPS-*INDUSTRIAL* See TRANSDUCERS

PICKUPS-*PHONOGRAPH*

1. CERAMIC — *4. MAGNETIC*
2. CRYSTAL — *5. STEREO*
3. DYNAMIC — *6. TRANSCRIPTION*

AIWA CO. LTD., 2-4-5, Adv Pg 264	**4 Motosaku-cho, Kanda Chiyoda-ku, Tokyo**	**Jap**
Allied Radio Corp., 4-5	100 N. Western Ave, Chicago 80	Ill
American Microphone Mfg. Co., 1-2	412 S Wyman St. Rockford	Ill
Astatic Corp, The, 1-2-5-6	Conneaut	Ohio
CBS Electronics, Div. CBS, Inc., 1-2-5	100 Endicott St, Danvers	Mass
DYNA-EMPIRE INC., 5, Adv Pg 514	**1075 Stewart Ave. Garden City**	**NY**
Dynaco, Inc., 3-4-5-6	3912 Powelton Ave, Philadelphia 4	Pa
EMI-Cossor Electronics Ltd, 4-5	Box 525 Dartmouth NS	Can
Electro-Sonic Labs, Inc., 1-4-5	627 Broadway, New York 12	NY
Electro-Voice, Inc., 1-2-5-6	Buchanan	Mich
Electronic Applications Inc., 3	194 Richmond Hill Ave. Stamford	Conn
Electrophono & Parts Corp., 3-5	530 Canal St, New York 13	NY
Fairchild Recording Equip Co., 4-5	10-40 45th Ave, L I City 1	NY
Fen-Tone Corp., 1-2-3-4-5	106 Fifth Ave, New York 11	NY
Garrard Sales Corp., 5	80 Shore Rd. Port Washington	NY
Gotham Audio Corp., 5	2 W 46 St. New York 36	NY
Gray Mfg. Co., 5-6	Dept 67, 16 Arbor St. Hartford 1	Conn
Gulton Industries, Inc., 1	212 Durham Ave, Metuchen	NJ
JAPAN PIEZO ELECTRIC CO. LTD., 1-2-5-6, Adv Pg 258	**801 Kami-renjaku, Mitaka, Tokyo**	**Jap**
Jensen Industries, Inc., 1-2-5	7333 W. Harrison, Forest Park	Ill
Lesa Const Elettromeccaniche SpA., 2-5	21 Via Bergamo, Milano	Italy
MATSUSHITA ELECTRIC, Adv Pg 255	**Box 288, Osaka Central, Tokyo**	**Jap**
Metzner Engineering Corp., 6	1041 N. Sycamore, Hollywood 38	Cal
Minn-Honeywell, Ceramics Lab., 1	Box 441, Minneapolis 40	Minn
Pacific Transducer Corp., 4-6	11836 W. Pico Blvd, Los Angeles 64	Cal
Pickering & Co., Inc., 4-5-6	Sunnyside Blvd, Plainview	NY
Radio Mfg. Engineers, Div., Electro-Voice, Inc., 1-2-3-4-5	Buchanan	Mich
Recoton Corp., 4	52-35 Barnett Ave, Long Island City 4	NY
Scott Inc., H. H., 5	111 Powder Mill Rd. Maynard	Mass
Shure Brothers Inc., 1-2-4-5	222 Hartrey Ave. Evanston	Ill
TOYO TRADING CO., LTD., 2-5, Adv Pg 260	**P. O. Box 999, Central Tokyo**	**Jap**

PICKUP UNITS-*TV, MOBILE*

Gage Div Thompson Ramo Wooldridge, Inc	Michigan City	Ind
Lyncoach & Truck Co., Inc	Oneonta	NY
Philco Corp. Govt & Ind Div.	4700 Wissahickon Ave. Phila 44	Pa
Radio Corp. of America, Defense Electronic Prods.	Bldg. 15-2 Camden	NJ

PICTURE SIGNAL GENERATORS See GENERATORS-*SIGNAL*
PICTURE TUBE MASKS See MASKS-TV
PICTURE TUBES See TUBES-*CATHODE-RAY*
PIEZOELECTRIC CRYSTALS See CRYSTAL BLANKS: CRYSTALS-*PIEZOELECTRIC, RAW*
PILOT LAMP ASSEMBLIES See LAMP ASSEMBLIES
PILOT LAMPS See LAMPS
PILOTS-*AUTOMATIC* See AIRCRAFT EQUIPMENT-*AUTOPILOTS*
PINS-*TUBE BASE* See TUBE PARTS

PINS-*TUBULAR*

Auto-Swage Products, Inc	255 Canal St. Shelton	Conn
BEAD CHAIN MFG CO., Adv Pg 306	**110 Mountain Grove St. Bridgeport 5**	**Conn**
Fastex Div. Illinois Tool Works	195 Algonquin Rd. Des Plaines	Ill
[illegible] Microwave Inc	6415 N Ravenswood Ave. Chicago 26	Ill
Gillen Co., John	2540 S 54th Ave. Cicero	Ill
[illegible] Engineering Co	[illegible]	Mich

Ross Co., Milton	239 Jacksonville Rd. Hatboro	Pa
Standard Pressed Steel Co	P.O. Box 775, Jenkintown	Pa

PIPE LOCATORS See DETECTORS-*METAL*: LOCATORS-*PIPE & CABLE*
PIRANI GAGES See GAGES-*VACUUM*
PISTON CAPACITORS See CAPACITORS-VARIABLE: *TRIMMER-GLASS OR QUARTZ*
PITCH See ASPHALT
PLANAR TUBES See TUBES-*PLANAR*
PLANES-*MEMORY* See MEMORIES-*COMPUTER*
PLASMA TORCHES See MACHINES-*METALLIZING, MOLTEN SPRAY*
PLASTIC BEADS See BEADS
PLASTIC BOBBINS See BOBBINS
PLASTIC BOXES See BOXES
PLASTIC CABINETS See CABINETS-*PLASTIC*
PLASTIC FABRIC PARTS See FABRIC PARTS
PLASTIC FABRICS See FABRICS
PLASTIC FIBERS See FIBERS
PLASTIC FORMS See FORMS-*COIL & RESISTOR*: FORMS-*EPOXY, ENCAPSULATING*
PLASTIC INSULATION PARTS See PLASTICS-*FINISHED PARTS*

PLASTIC MOLDING SERVICES

Aero Service Corp.	210 E. Courtland St, Philadelphia 20	Pa
Acroscope Engineering Co	1001 E. Manchester Ave, Los Angeles 1	Cal
Atkins & Merrill Inc	49 Post Rd. S Sudbury	Mass
Auburn Plastics, Inc	Auburn	NY
Beauchamp & Sons Inc	Union Ave. Lakeport	NH
Booker & Wallestad, Inc	3396 Gorham Ave, Minneapolis 26	Minn
Boonton Molding Co	Boonton	NJ
Consolidated Molded Products Corp.	Scranton 2	Pa
Cosmo Plastics Co	3239 W 14 St. Cleveland	Ohio
Davies Molding Co., Harry	1428 N Wells St, Chicago 10	Ill
Electro Development Co	14701 Keswick St, Van Nuys	Cal
Emeloid Co. Inc	1239 Central Ave, Hillside 5	NJ
Emerson & Cuming, Inc	869 Washington St. Canton	Mass
INDUSTRIAL DEVICES, INC., Adv Pg 540	**Edgewater 8**	**NJ**
Koch & Sons, Inc., H.	Corte Madera	Cal
Larson Mfg. Co., R.W.	Montville	NJ
Lesa Const Electromeccaniche SpA	21 Via Bergamo, Milano	Italy
Molding Corp of America	42 Church St, Pawtucket	RI
Molex Products Co	9515 Southview Ave. Brookfield	Ill
Northwest Plastics Inc	65 E Plato Ave. St Paul 7	Minn
Owens-Illinois Glass Co	P.O. Box 1035, Toledo 1	Ohio
Pearce Simpson, Inc	2295 NW 14th St. Miami 35	Fla
Rumler Co	2101 Bryant St. San Francisco 10	Cal
Roman Plastics Inc	1311 E Main St. St. Charles	Ill
Ross Co., Milton	239 Jacksonville Rd, Hatboro	Pa
Sanford Plastics Corp	New Brunswick & Charles Matawan	NJ
Shaw Insulator Co	276 Snyder Ave. Berkeley Heights	NJ
Sillcocks-Miller Co	Maplewood	NJ
UCINITE CO. DIV. UCF, Adv Pg 69	**459 Watertown St. Newtonville**	**Mass**
United Fabricators Electronics, Inc	Stillwater	Minn
U. S. Precision Lens & Plastics, Inc	626 Broadway, Cincinnati 2	Ohio
Vichek Tool Co	3001 E 87 St. Cleveland 4	Ohio
Warren Components Div. El-Tronics	S Irvine St. Warren	Pa
Wells Electronics Co	1701 S Main St. South Bend 23	Ind

PLASTIC PLATING SERVICES See PLATING SERVICES: METALLIZING SERVICES
PLASTICS-*ENCAPSULATING* See RESINS-*ENCAPSULATING & POTTING*

PLASTICS-*FILLERS FOR (EXCEPT FABRICS & FIBERS)*

Durez Plastics Div. Hooker Chemical Corp	1921 Walck Rd. North Tonawanda	NY
Emerson & Cuming, Inc	869 Washington St. Canton	Mass
MILLER-STEPHENSON CHEMICAL CO INC., Adv Pg 450	**39 Day St. South Norwalk**	**Conn**

PLASTICS-*FILM (CAPACITOR & INSULATING)*

1. CELLULOSE ACETATE — *5. MYLAR*
2. CELLULOSE ACETATE BUTYRATE — *6. NYLON*
3. CELLULOSE NITRATE — *7. POLYETHYLENE*
4. FLUOROCARBONS (KEL-F & TEFLON) — *8. UREA FORMALDEHYDE*
9. VINYL

Allied Engineering & Production Corp., 4-6	2421 Blanding Ave. Alameda	Cal
Almac Plastics Inc., 1-2-3-4-5-6-7-8-9	600 Broadway, New York 12	NY
American Mica Insulation Co., 5-6-7-8-9	235 Parker Ave. Manasquan	NJ
AMERICAN SUPER-TEMPERATURE WIRES INC., 4, Adv Pg 188	**8 W Canal St. Winooski**	**Vt**
Amflex Products Dept., Amer Mach & Fdry. Co., 4	689 Hope St, Springdale	Conn
Apex Coated Fabrics Co., 5-9	12 E. 22nd St, New York 10	NY
Arlin Mfg. Co., 1-2-5	12 Perkins St. Lowell	Mass
Auburn Mfg. Co., The, 3-4-5-6-7-9	Pease Ave. & Stack St. Middletown	Conn
Barwood Mfg. Co. Inc., L. J., 6	22 Williams St. Everett 49	Mass
Bonny Mfg. Corp., 4	146 Main St, Maynard	Mass
Carmer Industries, Inc	22 N. 26 St, Kenilworth	NJ
Celanese Polymer Co., 1-7	744 Broad St. Newark 2	NJ
Chemo Products, Inc., 4	P.O. Box 169, West Warwick	RI
Chemplast, Inc., 4	3 Central Ave, East Newark	NJ
Chicago Transparent, Inc., 7	4806 W Chicago Ave. Chicago 51	Ill
Continental-Diamond Fibre Corp., 4	Newark 100	Del
Crane Packing Co., 4	6402 Oakton St, Morton Grove	Ill
Crystal-X Corp., 1-2-3-4-5-6-7-9	403 Lenni Rd. Lenni Mills 2	Pa
Dilectrix Corp., 4	Allen Blvd/Grand, Farmingdale	NY
Dixon Corp., 4	19-21 Burnside St, Bristol	RI
Dow Chemical Co., 7	Midland	Mich
duPont de Nemours & Co. Inc., E. I., 1-4-5-7-9	Wilmington 98	Del
Dura Plastics of New York Inc., 1-2-4-6-9	303 5th Ave. New York 16	NY
Eastman Kodak Co., 1-2	343 State St. Rochester 4	NY
ELECTRICAL INSULATION CO. INC., 5-6-7-9, Adv Pg 500	**1245 Marconi Blvd. Copiague**	**NY**
Emeloid Co. Inc., 9	1239 Central Ave, Hillside 5	NJ
Emmco Plastics Corp., 4-5-6-7	68 Vine St. Everett	Mass
Flexrock Co., 4	3608 Filbert St, Philadelphia 1	Pa
Fluorulon Laboratories, 4-6	Box 305, Caldwell	NJ
Franklin Fibre-Lamitex Corp., 1-2-4-5-6-7-9	Box 1768, Wilmington	Del
Garlock Electronic Products, Garlock Inc., 6	Camden 1	NJ
General Plastics Corp., 4	55 La France Ave. Bloomfield	NJ
General Tire & Rubber Co., 9	Akron	Ohio
Gering Plastics, Div., Studebaker-Packard, 7	N. 7th at Monroe, Kenilworth	NJ
Goodrich Industrial Prods. Co., B. F., 9	500 S Main St. Akron 18	Ohio
Halogen Insulator & Seal Corp., 4	9950 Pacific Ave, Franklin Park	Ill
Hastings Plastics, Inc., 6-9	1704 Colorado Ave. Santa Monica	Cal
Illumitronic Engineering Corp., 4-5-7	680 E Taylor Ave. Sunnyvale	Cal
Insulating Fabricators, Inc., 4-5-6-7	150 Union Ave. East Rutherford	NJ
Insulation Manufacturers Corp., 1-4-5-6-7-9	565 W Washington Blvd. Chicago 6	Ill
Joclin Mfg. Co., 4	9 Lufbery Ave, Wallingford	Conn
Koppers Co., Inc., 7	Koppers Bldg, Pittsburgh 19	Pa
Laminated Sheet Products Corp., 1-2-3-4-5-6-7-8-9	449 Neponset St. Norwood	Mass
LUDLOW CORP., 6-7, Adv Pg 442	**Needham Heights 94**	**Mass**
Materials for Electronics Inc., 5-7	152-25 138 Ave. Jamaica 34	NY
Minnesota Mining & Mfg Co. Electrical Tapes, 4-9	900 Bush Ave. St Paul 6	Minn
Molding Corp. of America, 4	42 Church St. Pawtucket	RI
Monsanto Chemical Co. Plastics Div., 1-2-7-9	812 Monsanto Ave. Springfield	Mass
Parkway Specialties Co., 6-7	22519 Plymouth Rd. Detroit 39	Mich
Planoramics Inc., 1	531 E 1st St. Boston 27	Mass
Polymer Corp., 4-6	2120 Fairmont Ave, Reading	Pa
Radiation Applications, Inc., 4	36-40 37th St. Long Island City 1	NY
Radiation Research Corp., 4-5	1150 Shames Dr. Westbury	NY
Raybestos-Manhattan Inc., 4	51 Willett St. Passaic	NJ
Sanford Plastics Corp., 4	New Brunswick & Charles Matawan	NJ
Shamban & Co., W. S., 4	11617 W Jefferson Blvd. Culver City	Cal
Sillcocks-Miller Co., 1-2-3-4-5-6-7	Maplewood	NJ
Sparta Mfg. Co., 4	P.O. Box 107, Dover	Ohio
TEFCO CORP., 4, Adv Pg 500	**28 Willett St. Port Chester**	**NY**
TRI-POINT PLASTICS, INC., 4-6 Adv Pg 479	**175 I. U. Willets Rd. Albertson**	**NY**
Union Carbide Plastics Co. Div. UCC, 9	270 Park Ave. New York 17	NY
Zippertubing Co., 5-6-7-9	13000 S Broadway, Los Angeles 61	Cal

PLASTICS-*FINISHED PARTS*

1. CAST — *6. METALLIZED*
2. EXTRUDED — *7. MOLDED*
3. FABRICATED — *8. STAMPINGS & PUNCHINGS*
4. LAMINATED — *9. VACUUM-FORMED*
5. MACHINED

Accurate Electronics Corp., 5-8	Box 935G, Elyria	Ohio
Acroscope Engineering Co., 7	1001 E. Manchester Ave, Los Angeles 1	Cal
Aero Bolt & Screw Co., 5	1017 Arbor Vitae, Inglewood	Cal
Aero Service Corp., 1-9	210 E. Courtland St, Philadelphia 20	Pa
Aerolite Electronics Corp., 3-5-6	2207 Summit Ave. Union City	NJ
Aertron Supply Co., 7	13611 S Normandie, Gardena	Cal
Allegheny Plastics Inc., 2-3-4-5-7-8	10 Thorn Run Rd. Coraopolis	Pa
Allied Circuit Techniques. Ltd., 1-3-4-5	29 Brock St N., Oakville, Ontario, Canada	
Allied Engineering & Production Corp., 2-3-4-5-7	2421 Blanding Ave. Alameda	Cal
Almac Plastics Inc., 1-2-3-4-5-7-8-9	600 Broadway, New York 12	NY
Amatom Electronic Hardware Co. Inc., 5-8	88 Drake Ave. New Rochelle	NY
American Mica Insulation Co., 1-2-3-4-5-8	235 Parker Ave. Manasquan	NJ
American Molded Products Co., 7	2727 W. Chicago Ave, Chicago 22	Ill
American Quartz Labs, Inc., 3-4-5	Garrison	NY
American Research & Mfg. Corp., 7	920 Halpine Ave, Rockville	Md
Anchor Ind Co Div Anchor Plastics Co Inc, 2-3-6	36-36 36 St. Long Island City 6	NY
Apahouser Corp., 3-5	1312 Boylston St. Boston	Mass
Approved Plastics Co., 7	261 Railroad Ave. Stirling	NJ
Aries Labs. Inc., 7	225 Greenwich Ave. Stamford	Conn
Arlin Mfg. Co., 2-3-4	12 Perkins St, Lowell	Mass
Armstrong Cork Co., 1-2	Lancaster	Pa
ASSOCIATED ENGINEERING CORP., 7, Adv Pg 559	**65 Kent St. Brookline 46**	**Mass**
Atkins & Merrill Inc., 3-4-5-7-9	49 Post Rd. S Sudbury	Mass
Atlas Fibre Co., 5	6970 N Central Park Ave. Chicago 45	Ill
Auburn Mfg. Co., The, 3-4-5-8	Pease Ave. & Stack St. Middletown	Conn
Auburn Plastics, Inc., 2-7	Auburn	NY
Barker Products Co., 7	3 Component Pk., W Bridgewater	Mass
Barwood Mfg. Co. Inc., L. J., 3-8	22 Williams St. Everett 49	Mass
Beauchamp & Sons Inc., 7	Union Ave. Lakeport	NH
Bemis Bro Bag Co., 2-7	111 N 4th St. Box 70, St Louis 2	Mo
Beslar Corp., 5	4053 Harlan St, Oakland 8	Cal
Bestcraft Products Co. Inc., 3	626 Broadway, New York	NY
Biggs Co. Inc. Carl H., 1-3-4-7	Dept EB, 1547 14 St. Santa Monica	Cal
Blinn Co., Delbert, 2-7-8	Box 757, Pomona	Cal
BODNAR PRODUCTS CORP., 3-5-7 Adv Pg 460	**238 Huguenot St. New Rochelle**	**NY**
Bollyte Co., The, 4	Green St, Silverdale	Pa
Bonny Mfg. Corp., 2-3-5-7-8	146 Main St. Maynard	Mass
Booker & Wallestad, Inc., 7	3336 Gorham Ave, Minneapolis 26	Minn
Boonton Molding Co., 1-7	Boonton	NJ
Brand, William-Rex Div., 1-2-3-4-5	46 Sudbury Rd, Concord	Mass
Bright Star Industries, 7	600 Getty Ave, Clifton	NJ
Brilhart Plastics Corp., 7	Old Country Rd. Mineola	NY
Campro Products, Inc., 7	3133 Alliance Rd N E., Canton 1	Ohio
Carmer Industries, Inc., 2-3-5	22 N 26 St. Kenilworth	NJ
Carolina Industrial Plastics Co., 2-3	Mt Airy	NC
Carr Fastener Co., Div., United-Carr, 2-7-8	31 Ames St, Cambridge 42	Mass
Carroll Pressed Metal, Inc., 8	133 Dewey St, Worcester	Mass
Cast Optics Corp., 1-3	123 S Newman St. Hackensack	NJ
Ceramco Inc. Chemists, 6	173 Ridge St. Newark 4	NJ
Chemplast, Inc., 2-3-5-6-7-8	3 Central Ave. East Newark	NJ
Chicago Molded Products Corp., 2-7-9	1020 N Kolmar Ave. Chicago 51	Ill
COLLECTRON CORP., 1-7-9, Adv Pg 550	**304 E 45th St. New York 17**	**NY**
Comco Plastics, Inc., 3-5-8-9	98-40 Jamaica Ave. Richmond Hill	NY
Components for Research Inc., 1	979 Commercial St. Palo Alto	Cal
Conn-Craft Co., 3-9	303 Fairlawn Ave. Waterbury	Conn
Connecticut Hard Rubber Co., 3-4	407 East St. New Haven 9	Conn
Continental-Diamond Fibre Corp., 3-4-5-7-8	Newark 100	Del
Cortland Industries, Inc., 3-4-5-8-9	4545 Cortland St. Chicago 39	Ill
Cosmo Plastics Co., 7	3239 W. 14 St, Cleveland	Ohio
Cox Mfg. Co., 3-5-8	807 Fredericksburg Rd, San Antonio 1	Tex
Crane Packing Co., 2-5-7	6402 Oakton St. Morton Grove	Ill
Crystal-X Corp., 1-2-3-4-5-7-8-9	403 Lenni Rd. Lenni Mills 2	Pa
Curry Arts, 3-4-5-8-9	522 Green Ridge St, Scranton 9	Pa
Cycle Products Co. Inc., 3-5-7	123 Central Ave. Newark 2	NJ
Dayton Rogers Mfg. Co., 1-7	2824 13th Ave. S. Minneapolis 7	Minn
Dean Plastics Inc., 1-3-4-5-7-8-9	110 Herbert Ave. Closter	NJ
DeLandri Prec. Elements Co., Inc., 5	29 School St, Yonkers	NY
Dielectric Materials Co., 2	5215-17 N. Ravenswood, Chicago	Ill
Dilectrix Corp., 1-6	Allen Blvd. & Grand Ave, Farmingdale	NY

DIMCO-GRAY CO., 7, Adv Pg 396	**207 E 6th St. Dayton**	**Ohio**
Dixon Corp., 2-3-5-7-8	19-21 Burnside St. Bristol	RI
Drake Mfg. Co., 7	4626 N Olcott, Chicago 31	Ill
Dumont Mfg. Corp., 7-9	159-161 Ft. Lee Rd. Teaneck	NJ
Dura Plastics of New York Inc., 1-3-5-9	303 5th Ave. New York 16	NY
Duralith Corp., 3-4	1025 Race St, Philadelphia 7	Pa
Dwyer Engineering Co., Inc., 3-4-6-7	Airport Rd, Nashua	NH
Eby Co., Hugh H., 7-8	4701 Germantown Ave, Philadelphia 44	Pa
Electric Autolite Co., 6-7	Champlain St. Toledo 1	Ohio
ELECTRICAL INSULATION CO. INC., 3-4-5, Adv Pg 500	**1245 Marconi Blvd. Copiague**	**NY**
Electronic Production & Development, Inc., 7	501 N Prairie Ave. Hawthorne	Cal
Electronic Service Corp., 1-3-7	2906 Birch St, Franklin Park	Ill
El-Tronics Inc., 7-8	20 S. 15th St, Philadelphia 2	Pa
Emeloid Co. Inc., 3-4-5-6-7-8-9	1239 Central Ave, Hillside 5	NJ
Emerson & Cuming, Inc., 1-3-4-5-6-7-9	869 Washington St. Canton	Mass
Emerson Plastics Corp., 1-2-3-4-5-7-9	1303 Seabury Ave, Bronx 61	NY
Emmco Plastics Corp., 3-5-8	RR View St. Everett	Mass
Enflo Corp., 2-3-4-5-7-8	Fellowship Rd. & Rte 73, Maple Shade	NJ
EPOXY PRODUCTS, DIV JOS WALDMAN & SONS, 7, Adv Pg 337	**133 Coit St. Irvington**	**NJ**
ERIE RESISTOR CORP., 6-7-9 Adv Pgs 280, 281	**644 W 12th St. Erie 6**	**Pa**
Ethylene Corp., 2-7	245 Broad St. Summit	NJ
Eugene Engineering Co. Inc., 5-8	1217 Hyde Park Ave. Hyde Park 36	Mass
Everard Tap & Die Corp., 3-5-8	213 E 144th St. New York 51	NY
Excellex Electronics, Inc., 3-5-8	88-06 Van Wyck Expwy, Jamaica 18	NY
Farley & Loetscher Mfg. Co., Plastics Div., 4	7th & White Sts, Dubuque	Iowa
Farwest Mfg. Div. Inc., 5	209 1st St. Seattle	Wash
Fastex Div. Illinois Tool Works, 1-3-7	195 Algonquin Rd. Des Plaines	Ill
Fay Co., Neal, 4	133 La Patera Ave. Goleta	Cal
Film Resistors Inc	242 Ridgedale Ave. Morristown	NJ
Fisher & Crowe, 3-4-5-8	107 N. Camac St, Philadelphia 7	Pa
Flexrock Co., 2-3-4-5-7	3608 Filbert St, Philadelphia 1	Pa
Fluoro'on Laboratories, 1-2-3-4-	Box 305, Caldwell	NJ
Forest City Products, Inc., 3-4-6-8	722 Bolivar Rd, Cleveland 15	Ohio
Form-It Products, Inc., 3-5-7-8	1619 W Walnut St, Chicago 12	Ill
Formica Corp., 7	4587 Spring Grove Ave. Cincinnati 32	Ohio
Franklin Fibre-Lamitex Corp., 1-2-3-4-5-7-8-9	Box 1768, Wilmington	Del
Garlock Electronic Prods. Garlock Inc., 2-5-7-8	Camden 1	NJ
General American Transportation Corp., 2-4-7-9	135 S. La Salle St, Chicago 3	Ill
General Components Co., 3-4-5-8	225-229 E 144th St. New York 51	NY
General Electric Co. Lamp Metals & Components Dept., 7	21800 Tungsten Rd. Cleveland 17	Ohio
General Products Corp., 7	107 Salem St. Union Springs	NY
General Tire & Rubber Co., 2-7-9	Akron	Ohio
Goodrich Industrial Prods. Co., B. F., 2	500 S Main St. Akron 18	Ohio
Green Rectifier Co., 6	1-10 30th St. Fair Lawn	NJ
GREENE ELECTRONICS INC., 3-4-5, Adv Pg 432	**1840 Cranston St. Cranston 9**	**RI**
Gries Reproducer Corp., 7	151 Beechwood St. New Rochelle	NY
Halogen Insulator & Seal Corp., 2-5-7	9960 Pacific Ave, Franklin Park	Ill
Hampden Mfg. Co., Inc., 3-5-8	P.O. Box 89, Three Rivers	Mass
Haveg Industries Inc., 2-3-4-5-7-9	900 Greenbank Rd. Wilmington 8	Del
Hercules Powder Co. Inc., 2-3-5	910 Market St. Wilmington 99	Del
Hermes Plastic Inc., 3-4	154 W 14th St. New York 11	NY
Hinchman Mfg. Co. Inc., 7	259 1st Ave. E, Roselle	NJ
Hydro Molding Co., Inc., 7	Plattsburgh	NY
Hysol Corp., 1	322 Houghton Ave. Olean	NY
INDUSTRIAL DEVICES, INC., 7, Adv Pg 540	**Edgewater 8**	**NJ**
Industrial Engravers, Inc., 3-9	2212 McDonald Ave. Brooklyn 23	NY
Industrial Plastics Fabricators, Inc., 2-3-4-5-7	Endicott St. Norwood	Mass
Insulating Fabricators, Inc., 3-5-8	150 Union Ave. East Rutherford	NJ
Insulation Manufacturers Corp., 2-3-4-8	565 W Washington Blvd. Chicago 6	Ill
J-B Electronics Inc., 7	2340 E. Elvira Rd, Tucson	Ariz
Jan Hardware Mfg Co. Inc., 1-5-7	38-01 Queens Blvd. Long Island City 1	NY
Jamfor, Inc., 3-5-8	428 Salem Ave, Dayton 6	Ohio
Joclin Mfg Co., 3-4-5-6-7-8-9	9 Lufbery Ave. Wallingford	Conn
Johns-Manville, 2-4-5-7	22 E 40 St. New York 16	NY
Jones Electronics, Hiram, 3-5	2313 W. Olive Ave, Burbank	Cal
Keller Products, Inc., 4	41 Union St. Manchester	NH
Kemco Inc., 7	Box 4178, Havelock Sta. Lincoln 7	Neb
Kirkhill Rubber Co., 2	300 E Cypress, Brea	Cal
Koch & Sons, Inc., H., 4-5-7	Corte Madera	Cal
Kurz-Kasch, Inc., 2-7	1421 S Broadway, Dayton 1	Ohio
Laminart, Inc., 4	18530 S Broadway, Gardena	Cal
Laminated Fabricators, 3-5-8	1145 San Mateo Ave. San Bruno	Cal
Laminated Sheet Products Corp., 1-2-3-4-5-6-8-9	449 Neponset St. Norwood	Mass
Lamitex Industries Inc., 3-4-5-7-8-9	Motor Ave. Farmingdale	NY
Lancaster Glass Corp., 7	Lancaster 20	Ohio
Larson Mfg. Co., R.W., 7	Montville	NJ
Lawrence Adhesive & Chemical Co. Inc., 1-3-4-5-7	19 S Canal St. Lawrence	Mass
Lerco Div. Microdot Inc., 7	501 S Varney St. Burbank	Cal
Long Sault Woodcraft Ltd., 1-3-4-5-7-9	St Andrews East, Quebec	Can
Long, Inc., Thomas J., 3-8-9	215 Stonehinge Lane, Carle Place	NY
Lyn-Tron, Inc., 5-7	5350 Riverton Ave. North Hollywood	Cal
Magnalectric Corp., 7	Box 6008, Tulsa	Okla
Mandex Mfg. Co., Inc., 8	2616 W. 48 St, Chicago	Ill
Maryland Lava Co., 5	Dept. GB, Bel Air	Md
Metavac, Inc., 6	45-68 162 St, Flushing 58	NY
Midwest Molding & Mfg. Co., 7	Gurnee	Ill
Millen Mfg. Co., James, 7	150 Exchange St. Malden	Mass
Minnesota Mining & Mfg Co. Electrical Tapes, 2-4	900 Bush Ave. St Paul 6	Minn
Molded Fiberglass Sheet Co., 4-7	4308 Benefit Ave. Ashtabula	Ohio
Molded Insulation Co., 3-5-7-8-9	335 E Price St. Philadelphia 44	Pa
Molding Corp. of America, 1-3-5-7	42 Church St. Pawtucket	RI
Molex Products Co., 7	9515 Southview Ave. Brookfield	Ill
Monadnock Mills, Div. UCF, 2-7-8	1977 1st Ave. San Leandro	Cal
Monroe Industries Inc., 4-5-7	932 36 St. SE, Grand Rapids 8	Mich
MYCALEX CORP. OF AMERICA, 3-7, Adv Pg 351	**125 Clifton Blvd. Clifton**	**NJ**
National Fabricators, Inc., 3-7-12	2650 W. Belden Ave, Chicago 47	Ill
National Gasket & Washer Mfg. Co. Inc., 8	124 E 25 St. New York 10	NY
National Moldite Co. Inc., 7	250 South St. Newark 5	NJ
NATIONAL RADIO CO., 4, Adv Pg 499	**37 Washington St. Melrose 76**	**Mass**
National Vulcanized Fibre Co., 2-3-4-5-7-8	Box 311, Wilmington 99	Del
Nemo Labs, Inc., 1-3-5-7	8 Lawrence St. Belleville 7	NJ
New England Tape Co Div. U C F, 2	10 Tower St. Hudson	Mass
NEW HERMES ENGRAVING MACHINE CO., 4 Adv Pg 354	**154 W 14 St. New York 11**	**NY**
Nichols Products Co., 2-3-4-5	323 W Main St. Moorestown	NJ
Northern Plastics Corp., 3-4-5-6-8	Second & Market Sts, LaCrosse	Wisc
Northwest Plastics Inc., 7	65 E Plato Ave. St Paul 7	Minn
Nylite Corp of America, 2-7-8	282 Badger Ave, Newark 8	NJ
Oki & Willadsen Ltd., 3-4-5	47 Crockford Blvd. Toronto 16	Ont
Olympic Plastics Co., Inc., 7	3471 S. La Cienega, Los Angeles 16	Cal
Osborne Electric Co. Ltd., 1	95 Wesley St. Toronto 18	Ont
Owens-Illinois Glass Co.	P.O. Box 1035, Toledo 1	Ohio
Pacific Electricord Co., 7	747 W Redondo Beach Blvd. Gardena	Cal
Panelyte Div., St. Regis Paper Co., 3-4-5-7-8	N. Enterprise Ave, Trenton 8	NJ
Parabam Div. Houston-Fearless Corp., 3-9	12822 Yukon Ave. Hawthorne	Cal
Pearce Simpson, Inc., 7	2295 N.W. 14th St, Miami 35	Fla
Peerless Products Industries, 3-5-8	812 N. Pulaski St, Chicago 51	Ill
Penn Fibre & Specialty Co., 3-4-8	2020 E Westmoreland St. Phila. 34	Pa
Pennsylvania Fluorocarbon Co. Inc., 8	1115 N 38th St. Philadelphia 4	Pa
Pennali Inc., 1-3-4-5-9	Box 718, Mt. Pleasant	Pa
Plastronic Engineering Co., 1-7	721 Boston Post Rd, Marlborough	Mass
Polymer Corp., 1-2-3-5-7-8	2120 Fairmont Ave. Reading	Pa
Precision Metal Products Co. of Malden, 3-4-5-8	41 Elm St. Stoneham 80	Mass
Precision Methods Inc., 8	142 Fulton Ave. New Hyde Park	NY
Printloid Inc., 4-5-8	10-04 - 44th Ave. Long Island City 1	NY
Quadriga Mfg Co., 8	213 W Grand Ave. Chicago 10	Ill
Quality Components Inc., 7	Daguscahonda	Pa
Raybestos-Manhattan Inc., 2-4	61 Willett St. Passaic	NJ
Remler Co., 7	2101 Bryant St, San Francisco 10	Cal
RESDEL CORP., 1 Adv Pg 519	**Box 217, Rio Grande**	**NJ**
Richardson Co., The, 3-4-5-7-8	2767 Lake St, Melrose Park	Ill
Rimak Electronics Inc., 3-5-7-8	10929 Vanowen St. N Hollywood	Cal
ROGAN BROTHERS, 7, Adv Pg 555	**8031 N Monticello Ave. Skokie**	**Ill**
Romar Plastics Inc., 7	1311 E. Main St. St. Charles	Ill
Ross Co., Milton, 3-5-7-8-9	239 Jacksonville Rd. Hatboro	Pa
Rostone Corp., 3-5-7	Rt 52 South, Lafayette	Ind
Russell Gasket Co., 3-8	7424 Bessemer Ave, Cleveland 27	Ohio
Ryerson & Son Inc. J T., 2-3-5-7	2558 W 16th St. Chicago 8	Ill
Sanford Plastics Corp., 2-3-5-7	New Brunswick & Charles Matawan	NJ
Schjeldahl Co., G.T., 3-4-5-8-9	P.O. Box 170, Northfield	Minn
Shamban & Co., W. S., 2-3-5	11617 W Jefferson Blvd. Culver City	Cal
Shaw Insulator Co., 7	276 Snyder Ave. Berkeley Heights	NJ
Shawmut Engineering Co., 8	195 Freeport St, Boston	Mass
Sheffco Mfg. Corp., 3-8	323 Bergen Blvd. Fairview	NJ
Sierra Electric Corp., 3-7-9	15100 S. Figueroa St, Gardena	Cal
Sierra Engineering Co., 7-9	123 E Montecito Ave. Sierra Madre	Cal
Silicone Insulation, Inc., 1-2-3-4-5-7-9	1305 Seabury Ave, Bronx 61	NY
Sillcocks-Miller Co., 2-3-4-6-7-8-9	Maplewood	NJ
Sinclair Mfg Co., 5	Chartley	Mass
Skydyne, Inc., 7	River Rd, Port Jervis	NY
Slip Ring Co. of America, 7	3612 W Jefferson Blvd. Los Angeles 16	Cal
Smith, Inc. Herman H., 2-3-5-7-8	2326 Nostrand Ave. Brooklyn 10	NY
Sparta Mfg Co., 2-3-5-7	Box 107, Dover	Ohio
Spaulding Fibre Co., Inc., 3-4-5-8	310 Wheeler St, Tonawanda	NY
Speed Electronics Inc., 3-5-8	177 Mill L. Mountainside	NJ
Standard Locknut & Lockwasher, Inc., 5	2250 Valley Ave. Indianapolis 18	Ind
Standard Plastics, Inc., 7	Fogelsville	Pa
Staver Co. Inc., 3-8	41 N Saxon Ave. Bay Shore	NY
Stevens Products, Inc., 3-4-7-8	86-88 Main St. East Orange	NJ
Summit Industries, Inc., 4-6	2114 W. Rosecrans Ave, Gardena	Cal
Superior Carbon Products Co., 1-3-5	9115 George Ave, Cleveland 5	Ohio
SURPRENANT MFG CO., 2, Adv Pg 477	**Clinton**	**Mass**
Swenson Co., Inc., V.H., 7	552 Elm St, Kearny	NJ
Synthane Corp., 3-4-5	Oaks	Pa
Tanner Engineering Co., 3-4-7	1003 Santa Fe Ave. Los Angeles 21	Cal
Taylor Electric Inc., 2-9	Fisher Rd. Howell	Mich
Taylor Fibre Co., 3-4-5-7-8	Norristown 51	Pa
TEFCO CORP., 5, Adv Pg 500	**28 Willett St. Port Chester**	**NY**
Telecomputing Corp., 3-4-7	915 N Citrus Ave. Hollywood	Cal
Telex, 7-9	Telex Park, St Paul 1	Minn
Thompson Fiber Glass, H.I., 3-4-5-9	1733 Cordova St. Los Angeles 7	Cal
Thor Ceramics, Inc., 3-5	225 Belleville Ave. Bloomfield	NJ
Topper Mfg Co. Inc., 1-5	84-56 Parsons Blvd. Jamaica 32	NY
Trancoa Chemical Corp., 7	312-326 Ash St. Reading	Mass
Tri-Dex Co., 3	P.O. Box 1207, Lindsay	Cal
TRI-POINT PLASTICS, INC., 2-3-4-5-7-8 Adv Pg 479	**175 I. U. Willets Rd. Albertson**	**NY**
UCINITE CO. DIV. UCF, 7, Adv Pg 69	**459 Watertown St. Newtonville**	**Mass**
United Fabricators Electronics, Inc., 7	Stillwater	Minn
United Intl Dynamics Corp., 8	243 Lexington St. Waltham 54	Mass
United Products Co., 3-5-6-8	165 Franklin Ave. Nutley 10	NJ
U. S. Dielectric Products, Inc., 3-4-7	98 Adams St. Leominster	Mass
U. S. Precision Lens & Plastics, Inc., 3-7	626 Broadway, Cincinnati 2	Ohio
U.S. Rubber Co., 2-4	1230 Ave of the Americas, New York 20	NY
Universal Match Corp. Armament Div., 7	472 Paul Ave. St Louis 35	Mo
Victor R.F. & Microwave Co., 5	38 W Water St. Wakefield	Mass
Vichek Tool Co., 7-9	3001 E 87 St. Cleveland 4	Ohio
Wade Electric Products Co., 7	400 Jacob St. Sturgis	Mich
Warren Components Div., El-Tronics, 7	S. Irvine St, Warren	Pa
Weckesser Co. Inc., 2-7-8	5701 Northwest Hwy. Chicago 46	Ill
Welcraft Products Co. Inc., 2	New Carlisle	Ind
Wells Electronics Co., 7	1701 S Main St. South Bend 23	Ind
Welsh Co. Inc., W. H. 4	2241 Indiana Ave. Chicago	Ill
Western Coil & Electrical Co., 9	215 State St, Racine	Wis
Westinghouse-Micarta Div., 4-5	Hampton	SC
White Dental Mfg. Co., S.S., 7	10 E. 40 St, New York 16	NY
WHITSO INC., 7, Adv Pg 488	**9328 Byron St. Schiller Park**	**Ill**
Wilmington Fibre Specialty Co., 8	New Castle 6	Del
Winder Aircraft Corp., 3-5-6-7-8	Dunellon Air Base, Dunnellon	Fla
York Metal Products, Inc., 8	350 Greenwich St, New York 13	NY
Zenith Plastic Co., 2-3-4	P.O. Box 91, Gardena	Cal
Zippertubing Co., 2-3-4-6	13000 S Broadway, Los Angeles 61	Cal
Zoron Inc., 3-5-8	612 W Monroe St. Chicago 6	Ill

PLASTICS—FOAM

Almac Plastics Inc	600 Broadway, New York 12	NY
Armstrong Cork Co	Lancaster	Pa
Auburn Mfg. Co., The	Pease Ave & Stack St, Middletown	Conn
Bestcraft Products Co. Inc	626 Broadway, New York	NY
Carolina Industrial Plastics Co	Mt. Airy	NC
Crystal-X Corp	403 Lenni Rd. Lenni Mills 2	Pa
Dow Chemical Co	Midland	Mich
Durez Plastics Div., Hooker Chemical	1921 Walck Rd, North Tonawanda	NY
Emerson & Cuming, Inc	869 Washington St, Canton	Mass
Forest City Products, Inc	722 Bolivar Rd, Cleveland 15	Ohio
Franklin Fibre-Lamitex Corp	Box 1768, Wilmington	Del
General Tire & Rubber Co.	Akron	Ohio
Haveg Industries Inc	900 Greenbank Rd. Wilmington 8	Del
Kemco Inc	Box 4178, Havelock Sta. Lincoln 7	Neb
Koch & Sons, Inc., H.	Corte Madera	Cal
Laminated Sheet Products Corp	449 Neponset St. Norwood	Mass
Lamitex Industries Inc	Motor Ave, Farmingdale	NY
Long Sault Woodcraft, Ltd	St. Andrews E., Quebec, Canada	
Marblette Corp	37-31 30th St. Long Island City 1	NY
Midwest Foam Products Co	1632 Chicago Ave. Evanston	Ill
Mobay Chemical Co	Penn Lincoln Pkwy. W., Pittsburgh	Pa
Molded Insulation Co	335 E. Price St, Phila 44	Pa
National Gasket & Washer Mfg. Co. Inc	124 E 25 St. New York 10	NY
New England Tape Co Div. U C F	10 Tower St. Hudson	Mass
Nopco Chemical Co., Plastics Div	175 Schuyler Ave, North Arlington	NJ
Plastics Div. Allied Chem. Corp	40 Rector St. New York 6	NY
Rous Co., Milton	239 Jacksonville Rd, Hatboro	Pa
Schjeldahl Co., G.T.	P.O. Box 170, Northfield	Minn
Summit Industries, Inc	2114 W. Rosecrans Ave, Gardena	Cal
Thompson Fiber Glass Co., H.I.	1733 Cordova St, Los Angeles 7	Cal
Topper Mfg Co. Inc	84-56 Parsons Blvd. Jamaica 32	NY
U.S. Rubber Co	1230 Ave of the Americas, New York 20	NY
Zippertubing Co	13000 S Broadway, Los Angeles 61	Cal

PLASTICS—GRANULAR, LIQUID & POWDER

1. AKLYD POLYESTERS
2. ALLYLS
3. CELLULOSE ACETATE
4. CELLULOSE ACETATE BUTYRATE
5. CELLULOSE NITRATE
6. EPOXY RESINS
7. ETHYL CELLULOSE
8. FLUOROCARBONS (KEL-F & TEFLON)
9. MELAMINE FORMALDEHYDE
10. METHYL METHACRYLATE
11. NYLON
12. PHENOLICS
13. POLYESTERS
14. POLYETHYLENE
15. POLYSTYRENE
16. SILICONES
17. UREA FORMALDEHYDE
18. VINYLS

ACME RESIN CORP., 2, Adv Pg 400	**1401 Circle Ave. Forest Park**	**Ill**
Almac Plastics Inc., 3-4-6-8-9-11-12-13-14-15-17-18	600 Broadway, New York 12	NY
American Cyanamid Co., Plastics & Resins Div., 9-13-17	Wallingford	Conn
American-Marietta Co., 6-9-12-17	3400 13 Ave, S.W., Seattle 4	Wash
American Molding Powder & Chem Corp., 14	703 Bedford Ave, Brooklyn 6	NY
Apex Coated Fabrics Co., 18	12 E. 22nd St. New York 10	NY
Aries Laboratories, Inc., 6	225 Greenwich Ave, Stamford	Conn
Armstrong Products Co., 6	P.O. Box 1-EB, Warsaw	Ind
Bacon Industries, Inc., 6	192 Pleasant St. Watertown 72	Mass
Biggs Co. Inc. Carl H., 6	Dept. EB, 1547 14 St. Santa Monica	Cal
Biwax Corp., 6	3445 Howard St, Skokie	Ill
Boonton Molding Co., 6	Boonton	NJ
Celanese Polymer Co., 3-13-14	744 Broad St. Newark 2	NJ
Chemical Products Corp., 18	King Philip Rd. East Providence	RI
Chemtronics, Inc., 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18	870 E 52nd St. Brooklyn 3	NY
Ciba Products Corp., 6	Fair Lawn	NJ
City Chemical Corp., 3-7-10	132 W. 22rd St, New York 11	NY
Components for Research Inc., 6	979 Commercial St. Palo Alto	Cal
Dow Chemical Co., 6-7-14-15-18	Midland	Mich
Dow Corning Corp., 16	Midland	Mich
du Pont de Nemours & Co., Inc., E.I., 3-5-8-10-11-14-18	Wilmington 98	Del
Durez Plastics Div., Hooker Chemical, 12-13	1921 Walck Rd, North Tonawanda	NY
Electronic Production & Development, Inc., 6	501 N. Prairie Ave, Hawthorne	Cal
Emerson & Cuming, Inc., 6-13-15-16	869 Washington St. Canton	Mass
EPOXY PRODUCTS, DIV JOS WALDMAN & SONS, 6, Adv Pg 337	**133 Coit St. Irvington**	**NJ**
Fiberite Corp., 6-9-12	516 W 4th St. Winona	Minn
Food Machy. & Chem. Corp., Chem & Plas Div. 2-6	161 E. 42nd St, New York 17	NY
Furane Plastics, Inc., 5-16	4516 Brazil St. Los Angeles 39	Cal
General Electric Co., Silicone Prods. Dept., 16	Dept. E B G, Waterford	NY
General Tire & Rubber Co., 18	Akron	Ohio
Gering Plastics Div. Studebaker-Packard Corp., 3-4-7-11-14-15-18	N 7th St & Monroe Ave. Kenilworth	NJ
Goodyear Tire & Rubber Co. Inc. Chemical Div., 13-16	1144 E Market St. Akron 16	Ohio
Green Rectifier Co., 6	1-10 30th St. Fair Lawn	NJ
Halogen Insulator & Seal Corp., 8	9960 Pacific Ave, Franklin Park	Ill
Hardman Co., Inc., H.V., 6	571 Cortlandt St, Belleville	NJ
Hastings Plastics, Inc., 1-6-12-13-18	1704 Colorado Blvd. Santa Monica	Cal
Hercules Powder Co. Inc., 5-7-14	910 Market St. Wilmington 99	Del
Hysol Corp., 6	322 Houghton Ave. Olean	NY
Insulation Manufacturers Corp., 1-6-13-16	565 W Washington Blvd. Chicago 6	Ill
Isochem Resins Co., 1-6-13-16-18	221 Oak St. Providence 9	RI
Keller Products, Inc., 13	41 Union St. Manchester	NH
Koppers Co., Inc., 14-15	Koppers Bldg. Pittsburgh 19	Pa
Lawrence Adhesive & Chemical Co. Inc., 6	19 S Canal St. Lawrence	Mass
Liquid Nitrogen Processing Corp., 3-4-5-6-7-8-10-11-13-14-15-16-18	451 Booth St, Chester	Pa
Magic Chemical Co., 6-18	121 Crescent St. Brockton	Mass
Marblette Corp., 6-12	37-31 30th St. Long Island City 1	NY
Melpar Inc., 6-13-16	3000 Arlington Blvd. Falls Church	Va
Mesa Plastics Co., 1-2-6-13-16	12270 Nebraska Ave. Los Angeles 25	Cal
Metachem Resins Corp. Metco Prod Div., 6-13-16	530 Wellington Ave. Cranston 10	RI
MILLER-STEPHENSON CHEMICAL CO. INC., 1-6-13, Adv Pg 450	**39 Day St. South Norwalk**	**Conn**
Minnesota Mining & Mfg Co. Chemical Division, 6-8	900 Bush Ave. St. Paul 6	Minn
Minnesota Mining & Mfg Co. Electrical Tapes, 6	900 Bush Ave. St Paul 6	Minn
Mitchell Rand Mfg. Corp., 6	51 Murray St, New York 7	NY
Mobay Chemical Co., 13	Penn Lincoln Pkwy W. Pittsburgh 5	Pa
Molded Fiberglass Sheet Co., 1-13	4308 Benefit Ave. Ashtabula	Ohio
Monsanto Chemical Co. Plastics Div., 3-4-9-12-14-15-18	812 Monsanto Ave. Springfield	Mass
Narmco Materials Div., Sub., Telecomputing Corp., 6-13	600 Victoria St, Costa Mesa	Cal
National Engineering Products, Inc., 6	435 Washington Bldg, Washington 5	DC
Naugatuck Chemical Div of U.S. Rubber Co., 13-18	Naugatuck	Conn

Nemo Labs, Inc., 6-13	8 Lawrence St, Belleville 7	NJ
Pacific Electricord Co., 12-15-17-18	747 W Redondo Beach Blvd, Gardena	Cal
Permacel, 3-6-8-14	U. S. Hwy 1, New Brunswick	NJ
Plastics Div., Allied Chem. Corp., 1-9-11-12-13 14-17	40 Rector St, New York 6	NY
Plastronic Engineering Co., 6	721 Boston Post Rd, Marlborough	Mass
Polymer Corp., 4-6-11-14-18	2120 Fairmont Ave, Reading	Pa
Pro-Chem, Inc., 6	1521 Merwin Ave, Cleveland 13	Ohio
Products Research Co., 6-16	2919 Empire Ave, Burbank	Cal
Reichhold Chemicals, Inc., 6-9-12-13-17	525 N. Broadway, White Plains	NY
Ross Co., Milton, 6	239 Jacksonville Rd, Hatboro	Pa
Sanford Plastics Corp., 8	New Brunswick & Charles Matawan	NJ
Schenectady Varnish Co. Inc., 1-12-13	Congress & 10th, Schenectady 1	NY
Schjeldahl Co., G.T., 13	P.O. Box 170, Northfield	Minn
Shell Chemical Co., 6-15	50 W 50th St, New York 20	NY
Sierra Electric Corp., 1-13-15-17	15100 S. Figueroa St, Gardena	Cal
Sierra Engineering Co., 18	123 E Montecito Ave, Sierra Madre	Cal
Silicones Div., UCC, 16	270 Park Ave, New York 17	NY
Smooth-On Mfg. Co., 6	572 Communipaw Ave, Jersey City 4	NJ
Sparta Mfg Co., 8	Box 107, Dover	Ohio
Technicraft Co., 13-18	1156 Commonwealth Ave, Boston 34	Mass
Telecomputing Corp., 6	915 N Citrus Ave, Hollywood	Cal
Thor Ceramics, Inc., 6	225 Belleville Ave, Bloomfield	NJ
U B S Chemical Co., Div., A.E. Staley, 15	491 Main St, Cambridge	Mass
Union Carbide Plastics Co., Div., UCC, 6-12-14-15-18	270 Park Ave, New York 17	NY
U.S. Rubber Co., 6-13-14-18	1230 Ave of the Americas, New York 20	NY

PLASTICS – *MOLDING MACHINES* See MACHINES – *PLASTICS-MOLDING*

PLASTICS – *ROD & TUBING*

1. ALKYD POLYESTERS *11. NYLON*
2. ALLYLS *12. PHENOLICS*
3. CELLULOSE ACETATE *13. POLYETHYLENE*
4. CELLULOSE ACETATE BUTYRATE *14. POLYSTRENE*
5. CELLULOSE NITRATE *15. REINFORCED*
6. EPOXY RESINS *16. SILICONES*
7. ETHYL CELLULOSE *17. UREA FORMALDEHYDE*
8. FLUOROCARBONS (KEL-F & TEFLON) *18. VINYLS*
9. MELAMINE FORMALDEHYDE *19. TUBING, BRAIDED*
10. METHYL METHACRYLATE *20. TUBING, HEAT-SHRINKABLE (Incl. IRRADIATED)*
21. TUBING, SPAGHETTI

Ace Plastic Co., 3-4-7-10-11-12-13-14	91-54 Van Wyck Expwy, Jamaica 35	NY
Acme Model Engineering Co., 4	6224 19th Ave. Brooklyn 19	NY
Actioncraft Products, 18	2 Yennicock Ave, Port Washington	NY
Aeroquip Corp., 8	300 S East Ave, Jackson	Mich
Allegheny Plastics Inc., 8	10 Thorn Run Rd. Coraopolis	Pa
Allied Engineering & Production Corp., 8-13-21	2421 Blanding Ave, Alameda	Cal
Almac Plastics Inc., 1-2-3-4-5-6-7-8-9-10-11 12-13-14-15-16-17-18-20-21	600 Broadway, New York 12	NY
ALPHA WIRE CORP., 8-13-16-18-19-20-21, Adv Pg 246	**200 Varick St. New York 14**	**NY**
Amatom Electronic Hardware Co. Inc., 4	88 Drake Ave. New Rochelle	NY
American Mica Insulation Co., 11-12-13-14-18	235 Parker Ave. Manasquan	NJ
American Quartz Labs, Inc., 6-8-12-15-18	Garrison	NY
AMERICAN SUPER-TEMPERATURE WIRES INC., 8, Adv Pg 188	**8 W Canal St. Winooski**	**Vt**
Anaconda American Brass Co., 13	414 Meadow St. Waterbury 20	Conn
Anchor Ind Co Div Anchor Plastics Co Inc, 3-4-7-10-11-13-14-18	36-36 36 St. Long Island City 6	NY
Atlas Fiber Co., 6-12	6970 N Central Park Ave, Chicago 45	Ill
Auburn Mfg. Co., The, 6-9-10-11-12-13-16-18-21	Pease Ave, & Stack St, Middletown	Conn
Auburn Plastics, Inc., 4-7-10-11-13-14-18	Auburn	NY
Bacon Industries, Inc., 6	192 Pleasant St, Watertown 72	Mass
Barwood Mfg. Co., Inc., L. J., 11	22 Williams St, Everett 49	Mass
BENTLEY-HARRIS MFG CO., 16-19-21, Adv Pg 141	**Conshohocken 13**	**Pa**
BIRNBACH RADIO CO. INC., 8-13-18-20-21 Adv Pg 529	**145 Hudson St. New York 13**	**NY**
Bonny Mfg. Corp., 8-11-21	146 Main St. Maynard	Mass
Boonton Molding Co., 6-16	Boonton	NJ
Brand, William-Rex Div., 14-15-18-21	46 Sudbury Rd, Concord	Mass
Carmer Industries, Inc., 8-11-21	22 N 26 St, Kenilworth	NJ
Carolina Industrial Plastics Co., 13-18	Mt Airy	NC
Cast Optics Corp., 10	123 S Newman St, Hackensack	NJ
Chemo Products, Inc., 8	P.O. Box 169, West Warwick	RI
Chemplast, Inc., 8-11-12-21	3 Central Ave. East Newark	NJ
Chicago Transparent, Inc., 13	4906 W Chicago Ave. Chicago 51	Ill
Cleveland Container Co., 12	6201 Barberton Ave, Cleveland 2	Ohio
Comco Plastics, Inc., 3-4-6-8-9-10-11-12-13-14-15-16-18	98-40 Jamaica Ave, Richmond Hill	NY
Commercial Plastics Co., 3-4-11-13-14-18	945 George St, Chicago 14	Ill
Components for Research Inc., 8	979 Commercial St, Palo Alto	Cal
Continental-Diamond Fibre Corp., 6-8-9-12-15-16-21	Newark 100	Del
Co-Operative Industries, Inc., 8-13	100 Oakdale Rd, Chester	NJ
Cortland Industries, Inc., 17	4545 Cortland St, Chicago 39	Ill
Crane Packing Co., 8	6400 Oakton St, Morton Grove	Ill
Crystal-X Corp., 3-4-5-8-10-11-12-13-14 18-20-21	403 Lenni Rd, Lenni Mills 2	Pa
Dielectric Materials Co., 8-13-16-18-19-20-21	5315-17 N Ravenswood Ave, Chicago 40	Ill
Dixon Corp., 8-21	19-21 Burnside St, Bristol	RI
Driver-Harris Co., 8	202 Middlesex St, Harrison 13	NJ
Dura Plastics of New York Inc., 8-10-11	303 5th Ave. New York 16	NY
Durez Plastics Div. Hooker Chemical Corp., 12-15	1971 Walck Rd, North Tonawanda	NY
ELECTRICAL INSULATION CO. INC., 6-8-9-10-11-12-13-14-16-18, Adv Pg 500	**1245 Marconi Blvd. Copiague**	**NY**
Electronic Service Corp., 6-14	2908 Birch St, Franklin Park	Ill
El-Tronics Inc., 1-4-12	20 S. 15th St, Philadelphia 2	Pa
Emerson & Cuming, Inc., 6-14-15-18	869 Washington St, Canton	Mass
Emerson Plastics Corp., 8-11-15-18	1303 Sedbury Ave, Bronx 61	NY
Emeco Plastics Corp., 3-4-8-9-11-12-13-14-16-20-21	64 Vine St, Everett	Mass
Enflo Corp., 8-20	Fellowship Rd, & Rte 73, Maple Shade	NJ
Ethylene Corp., 8	245 Broad St, Summit	NJ
Flex Products Corp., 8	229E Meadow Rd, Rutherford	NJ
Flexrock Co., 8	3608 Filbert St, Philadelphia 1	Pa
Fluorolon Laboratories, 8-11	Box 305, Caldwell	NJ
Formica Corp., 15	4587 Spring Grove Ave, Cincinnati 32	Ohio
Franklin Fibre-Lamitex Corp., 1-3-4-6-8-9-10-11-12-13-14-15-16-18-20-21	Box 1768, Wilmington	Del
Furane Plastics, Inc., 6	4516 Brazil St, Los Angeles 39	Cal
G-C Electronics Co., 21	400 S Wyman St. Rockford	Ill
Garlock Electronic Products, Garlock Inc., 8-11 16-21	Camden 1	NJ
General American Transportation Corp., 18	135 S. La Salle St, Chicago 3	Ill
Gering Plastics Div. Studebaker-Packard Corp., 3-4-7-11-13-14-18	N 7th St. & Monroe Ave, Kenilworth	NJ
Goodrich Industrial Prods. Co., B. F., 18	500 S Main St, Akron 18	Ohio
Halogen Insulator & Seal Corp., 8-11	9960 Pacific Ave, Franklin Park	Ill
Hellerman Canada Ltd., 1-13-14-18	44 Danforth Rd, Scarborough	Ont
Hercules Powder Co. Inc., 8-15	910 Market St, Wilmington 99	Del
Hysol Corp., 6	322 Houghton Ave, Olean	NY
Illumitronic Engineering Corp., 8-10-11-12-13-14-18-21	680 E Taylor Ave, Sunnyvale	Cal
Industrial Plastics Fabricators, Inc., 18	Endicott St, Norwood	Mass
Inso Electronic Products Inc., 8-21	1200 Commerce Ave, Union	NJ
Insulating Fabricators, Inc., 8-9-10-11-12-13-14-16	150 Union Ave, East Rutherford	NJ
Insulation Manufacturers Corp., 3-8-9-11-12-15 16-18-20-21	565 W Washington Blvd, Chicago 6	Ill
Kirkhill Rubber Co., 4-13-14-18	300 E Cypress, Brea	Cal
Koch & Sons, Inc., H., 15	Corte Madera	Cal
Laminated Fabricators, 6-9-12-16	1145 San Mateo Ave. San Bruno	Cal
Laminated Sheet Prods. Corp., 1-2-3-4-5-6-7-8-9 10-11-12-13-14-15-16-17-18	449 Neponset St. Norwood	Mass
Lamtex Industries Inc., 1-6-12-13-15	Motor Ave, Farmingdale	NY
Long Sault Woodcraft Ltd., 1-6-15	St Andrews East, Quebec	Can
Long, Inc., Thomas J., 3-4-6-8-9-10-11-12-13-14-16	715 Stonehinge Lane, Carle Place	NY
Marblette Corp., 6-12	37-31 30th St, Long Island City 1	NY
MARKEL & SONS, L. FRANK, 1-3-4-5-6-7-8-11-13-14-15-16-18-19-20-21, Adv Pg 558	**School House La. Norristown**	**Pa**
Mesa Plastics Co., 1-2-6-15	12270 Nebraska Ave. Los Angeles 25	Cal
Metachem Resins Corp. Mereco Prod Div., 6	530 Wellington Ave. Cranston 10	RI
Minnesota Mining & Mfg Co. Electrical Tapes, 8-13-18-19-20-21	900 Bush Ave, St Paul 6	Minn
Minnesota Rubber Co., 16	3630 Wooddale Ave, Minneapolis 16	Minn
Moxness Products, Inc., 16	1918 Indiana St, Racine	Wisc
Mykroy, Inc., 6-8	645 Wheeling Rd, Wheeling	Ill
National Vulcanized Fibre Co., 6-9-11-13-15-16	Box 311, Wilmington 99	Del
Nemo Labs, Inc., 1-6	8 Lawrence St, Belleville 7	NJ
New England Tape Co Div. U C F, 2-3-4-6-7-10-13-14-18-20-21	10 Tower St, Hudson	Mass
NEW HERMES ENGRAVING MACHINE CO., 12 Adv Pg 356	**154 W. 14th St. New York 11**	**NY**
New Jersey Wood Finishing Co., 18	Amboy Ave, Woodbridge	NJ
Nylite Corp of America, 3-4-8-11-13-14-18	292 Badger Ave, Newark 8	NJ
Panelyte Div. St. Regis Paper Corp. 6-9-11-12-15-16	N Enterprise Ave. Trenton 8	NJ
Paul & Stein Bros, Inc, F. H., 20	235 Fifth Ave, New York 16	NY
Pennsylvania Fluorocarbon Co. Inc., 20-21	1115 N 38th St, Philadelphia 4	Pa
Permali Inc., 8-12-15	Box 718, Mt. Pleasant	Pa
Polymer Corp., 8-11	2120 Fairmont Ave, Reading	Pa
PRECISION PAPER TUBE CO., 3-4-6-7-12-14-15-20 Adv Pg 468	**2041 W Charleston St. Chicago 47**	**Ill**
Radiation Applications, Inc., 8-20	36-40 37th St, Long Island City 1	NY
Raybestos-Manhattan Inc., 8-16	61 Willett St, Passaic	NJ
Rayclad Tubes Inc., 8-16-20	Oakside at Northside, Redwood City	Cal
Republic Steel Corp., 13	Republic Bldg, Cleveland 1	Ohio
RESDEL CORP., 1-6-12-15-16 Adv Pg 519	**P.O. Box 217, Rio Grande**	**NJ**
Resinite Dept., Borden Chemical Co., 18	P.O. Box 430, Compton	Cal
Resistoflex Corp., 8-19	20 Woodland Rd, Roseland	NJ
Richardson Co., The, 6-9-12	2767 Lake St, Melrose Park	Ill
Rosenberg Bros., 3-18	102 Liesting Ave, Smithtown	NY
Ross Co., Milton, 1-4-6-11	239 Jacksonville Rd, Hatboro	Pa
Ryerson & Son Inc. J T., 12-13-18	2558 W 16th St, Chicago 8	Ill
Sanford Plastics Corp., 8	New Brunswick & Charles Matawan	NJ
SEMI-ELEMENTS INC., 14, Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
Sequoia Wire & Cable Co., Sub., Anaconda Wire & Cable Co., 8	3200 Bay Rd, Redwood City	Cal
Shamban & Co., W. S., 8-11-21	11617 W Jefferson Blvd, Culver City	Cal
Sierra Electric Corp., 13-17	15100 S. Figueroa St, Gardena	Cal
Silicone Insulation, Inc., 8-11-15-16	1395 Sedbury Ave, Bronx 61	NY
Sparta Mfg. Co., 8	P.O. Box 107, Dover	Ohio
Spaulding Fibre Co. Inc., 6-9-12	310 Wheeler St, Tonawanda	NY
Stevens Products, Inc., 8-9-12-16-18	86-88 Main St, East Orange	NJ
Stone Paper Tube Co Div, Stone Straw Corp, 3-12-20	900 Franklin St, NE, Washington 17	DC
Suflex Corp., 13-14-18-19-20-21	33-40 57th St, Woodside 77	NY
SURPRENANT MFG CO., 8-11-13-16-18-20, Adv Pg 477	**Clinton**	**Mass**
Synthane Corp., 6-8-12-16	Oaks	Pa
Tanner Engineering Co., 1-6-9-12-15-16	1003 Santa Fe Ave. Los Angeles 21	Cal
Taylor Electric Inc., 18-21	Fisher Rd, Howell	Mich
Taylor Fibre Co., 6-9-12-15-16	Norristown 51	Pa
Thermal Wire of America, 8	Keeler's Bay, South Hero	Vt
Thermax Wire Corp., 8	304 E. 45 St, New York 17	NY
Thor Ceramics, Inc., 6	225 Belleville Ave, Bloomfield	NJ
Tingstol Co., 6-12-16	1140 N. Fullerton, Chicago 14	Ill
Titeflex Inc., 10-15-19	534 Hendee St. Springfield	Mass
TRI-POINT PLASTICS, INC., 8-21, Adv Pg 479	**175 I. U. Willets Rd. Albertson**	**NY**
U.S. Rubber Co., 18	1230 Ave of the Americas, New York 20	NY
VARFLEX CORP., 13-16-19-21, Adv Pg 306	**506 W Court St. Rome**	**NY**
Waldom Electronics Mfg. Co., 8	400 S Wyman St. Rockford	Ill
Waterbury Companies, Inc., 11-12-13	Waterbury 20	Conn
Welcraft Products Co. Inc., 18	New Carlisle	Ind
Westinghouse-Micarta Div., 1-6-9-11-12-20	Hampton	SC
Westlake Plastics Co., 3-4-7-8-10-11-13-14	133 W Lenni Rd. Lenni Mills	Pa
Wilmington Fibre Specialty Co., 12	New Castle 6	Del
Zippering Co., 8-11-13-15-16-18-19-20	13000 S Broadway, Los Angeles 61	Cal

PLASTICS – *SHEET & LAMINATE*

1. EPOXY RESINS *3. MELAMINE FORMALDEHYDE*
2. FLUOROCARBONS (KEL-F & TEFLON) *4. PHENOLICS*
5. SILICONES

See Also LAMINATES – *COPPER-CLAD PRINTED-CIRCUIT*

Ace Plastic Co., 4	91-54 Van Wyck Expwy, Jamaica 35	NY
Allegheny Plastics Inc., 2	10 Thorn Run Rd. Coraopolis	Pa
Allied Engineering & Production Corp., 2	2421 Blanding Ave. Alameda	Cal
Almac Plastics Inc., 1-2-3-4	600 Broadway, New York 12	NY
American Mica Insulation Co., 2-3-4-5	235 Parker Ave, Manasquan	NJ
American Printed Circuits Co., Inc., 1-2-4-5	Forrest St, Metuchen	NJ
Amflex Products Dept. Amer. Mach. & Fdry. Co., 2	689 Hope St, Springdale	Conn
Auburn Mfg. Co., The, 1-2-3-4-5	Pease Ave, & Stack St, Middletown	Conn
Biggs Co. Inc. Carl H., 1	Dept E9, 1547 14 St, Santa Monica	Cal
Bonnyte Co., The, 1-3-4-5	Green St, Silverdale	Pa
Bonny Mfg. Corp., 2	146 Main St, Maynard	Mass
Booker & Wallestad, Inc., 2	3336 Gorham Ave, Minneapolis 26	Minn
Boonton Molding Co., 1-5	Boonton	NJ
Carmer Industries, Inc	22 N. 26 St, Kenilworth	NJ
Chemo Products, Inc., 2	P.O. Box 169, West Warwick	RI
Chemplast, Inc., 2	3 Central Ave, East Newark	NJ
Comco Plastics Inc., 1-2-3-4-5	98-40 Jamaica Ave, Richmond Hill	NY
Components for Research Inc., 1	979 Commercial St, Palo Alto	Cal
Continental-Diamond Fibre Corp., 1-2-3-4-5	Newark 100	Del
Cortland Industries, Inc., 4	4545 Cortland St, Chicago 39	Ill
Crystal-X Corp., 2-4	403 Lenni Rd, Lenni Mills 2	Pa
Dow Chemical Co., 1	Midland	Mich
Durez Plastics Div. Hooker Chemical Corp., 4	1971 Walck Rd, North Tonawanda	NY
ELECTRICAL INSULATION CO. INC., 1-3-4-5, Adv Pg 500	**1245 Marconi Blvd. Copiague**	**NY**
Emerson & Cuming, Inc., 1-5	869 Washington St. Canton	Mass
Emeco Plastics Corp., 1-2-3-4-5	64 Vine St. Everett	Mass
Enflo Corp., 2	Fellowship Rd, Rt. 73, Maple Shade	NJ
Ethylene Corp., 2	245 Broad St, Summit	NJ
Farley & Loetscher Mfg. Co., Plastics Div., 3-4	7th & White Sts, Dubuque	Iowa
Fiberite Corp., 4	516 W 4th St, Winona	Minn
Flexrock Co., 2	3608 Filbert St, Philadelphia 1	Pa
Fluorolon Laboratories, 2	Box 305, Caldwell	NJ
Franklin Fibre Lamitex Corp., 1-2-3-4-5	P.O. Box 1768, Wilmington	Del
Garlock Electronic Products, Garlock Inc., 2-5	Camden 1	NJ
General Electric Co., Laminated Products Dept., 1-3-4-5	Coshocton	Ohio
General Plastics Corp., 2	55 La France Ave, Bloomfield	NJ
Halogen Insulator & Seal Corp., 2	9960 Pacific Ave, Franklin Park	Ill
Hermes Plastics, Inc., 4	154 W. 14th St, New York 11	NY
Hysol Corp., 1	322 Houghton Ave, Olean	NY
Illumitronic Engineering Corp., 2-4	680 E Taylor Ave, Sunnyvale	Cal
Insulating Fabricators, Inc., 1-3-3-4-5	150 Union Ave, East Rutherford	NJ
Insulation Manufacturers Corp., 1-2-3-4-5	565 W. Washington Blvd, Chicago 6	Ill
Laminated Fabricators, 3-4-5	1145 San Mateo Ave, San Bruno	Cal
Laminated Sheet Products Corp., 1-2-3-4-5	449 Neponset St, Norwood	Mass
Long Sault Woodcraft, Ltd., 1	St. Andrews E., Quebec, Canada	
Long, Inc., Thomas J., 1-2-3-4-5	715 Stonehinge Ln, Carle Place	NY
Marblette Corp., 1-4	37-31 30th St. Long Island City 1	NY
Mica Corp., 1	4031 Elenda, Culver City	Cal
MILLER-STEPHENSON CHEMICAL CO. INC., 1, Adv Pg 450	**39 Day St. South Norwalk**	**Conn**
Minnesota Mining & Mfg Co. Electrical Tapes, 1-2-5	900 Bush Ave, St Paul 6	Minn
Moxness Products Inc., 5	1918 Indiana St, Racine	Wis
National Vulcanized Fibre Co., 1-2-3-4-5	Box 311, Wilmington 99	Del
Nemo Labs, Inc., 1	8 Lawrence St. Belleville 7	NJ
New England Laminates Co., Inc., 1-4	481 Canal St, Stamford	Conn
NEW HERMES ENGRAVING MACHINE CO., 4 Adv Pg 356	**154 W. 14th St, New York 11**	**NY**
Northern Plastics Corp., 1-3-4	Second & Market Sts, LaCrosse	Wis
Panelyte Div., St. Regis Paper Co., 1-2-3-4-5	N. Enterprise Ave, Trenton 8	NJ
Pennsylvania Fluorocarbon Co. Inc., 2	1115 N 38th St, Philadelphia 4	Pa
Permali Inc., 4	Box 718, Mt. Pleasant	Pa
Polymer Corp., 2	2120 Fairmont Ave, Reading	Pa
Radiation Applications, Inc., 2	36-40 37th St, Long Island City 1	NY
RESDEL CORP., 1 Adv Pg 519	**P.O. Box 217, Rio Grande**	**NJ**
Resistoflex Corp., 2	20 Woodland Rd, Roseland	NJ
Richardson Co., The, 1-3-4	2767 Lake St, Melrose Park	Ill
Sanford Plastics Corp., 2	New Brunswick & Charles Matawan	NJ
Shamban & Co., W. S., 2	11617 W Jefferson Blvd, Culver City	Cal
Sierra Engineering Co., 5	123 E Montecito Ave, Sierra Madre	Cal
Silicones-Miller Co., 2-4	Maplewood	NJ
Sparta Mfg. Co., 2	P.O. Box 107, Dover	Ohio
Spaulding Fibre Co., Inc., 1-3-4	310 Wheeler St, Tonawanda	NY
Spruce Pine Mica Co., 3-4-5	Spruce Pine	NC
Synthane Corp., 1-3-4-5	Oaks	Pa
Tanner Engineering Co., 1-3-4-5	1003 Santa Fe Ave, Los Angeles 21	Cal
Taylor Fibre Co., 1-3-4-5	Norristown 51	Pa
Thor Ceramics, Inc., 1	225 Belleville Ave, Bloomfield	NJ
Tingstol Co., 1-4-5	1140 N. Fullerton, Chicago 14	Ill
U.S. Rubber Co., 1	1230 Ave of the Americas, New York 20	NY
Warren Wire Co., 2	Pownal	Vt
Western Felt Works, 1-5	4029 Ogden Ave. Chicago	Ill
Westinghouse-Micarta Div., 1-3-4	Hampton	SC
Wilmington Fibre Specialty Co., 4	New Castle 6	Del

PLASTIC TAPE See TAPES – *GENERAL PURPOSE*
PLATED CIRCUITS See CIRCUITS – *PRINTED WIRING, CUSTOM SERVICE*
PLATES – *CRYSTAL* See CRYSTAL BLANKS

PLATES – *METAL OR PLASTIC*

1. INSTRUCTION 2. NAME 3. UNPRINTED

Actemark Co., The, 1-2	324 Morrell St, Elizabeth 4	NJ
Actioncraft Products, 2	2 Yennicock Ave, Port Washington	NY
Allegheny Plastics Inc., 1-2-3	10 Thorn Run Rd, Coraopolis	Pa
Allegro-Tech Inc., 1-2-3	141 River Rd, Nutley 10	NJ
Allied Circuit Techniques, Ltd., 1-2	29 Brock St N., Oakville, Ontario, Canada	
Ampower Corp., 1-2-3	51 Broad St, New York 4	NY
Apphauser Corp., 1-2	1312 Boylston St. Boston	Mass
Bell Inc., F. W., 2	1356 Norton Ave, Columbus 12	Ohio
Bellands Co., Inc., M., 2	7518 W. Grand Ave, Elmwood Park	Ill
Bemis Bro Bag Co., 1	111 N 4th St. Box 70, St Louis 2	Mo
BODNAR PRODUCTS CORP., 1-2, Adv Pg 460	**238 Huguenot St. New Rochelle**	**NY**
Brilliant Plastics Corp., 1-2-3	Old Country Rd, Mineola	NY
Canadian Radium & Uranium Corp., 1-2-3	630 Fifth Ave, New York 20	NY
Carroll Pressed Metal, Inc., 3	123 Dewey St, Worcester	Mass
Cast Optics Corp., 1-2-3	123 S Newman St, Hackensack	NJ
Chicago Thrift-Etching Corp., 1-2	1555 N Sheffield Ave, Chicago 22	Ill
Comco Plastics, Inc., 3	98-40 Jamaica Ave, Richmond Hill	NY

Conn-Craft Co., 1-2	303 Fairlawn Ave. Waterbury	Conn
Continental-Diamond Fibre Corp., 2-3	Newark 100	Del
Croname, Inc., 1-2	6247 Howard St, Chicago 48	Ill
Crystal-X Corp., 2	403 Lenni Rd. Lenni Mills 2	Pa
Dahlstrom Manufacturing Corp., 3	Jamestown	NY
Dietz Co., Inc., Henry G., 1-2	12-16 Astoria Blvd, Long Island City 2	NY
Dura Plastics of New York Inc., 1-2	303 5th Ave. New York 16	NY
Duralith Corp., 1-2-3	1025 Race St. Philadelphia 7	Pa
ELECTRICAL INSULATION CO. INC., 2,		
Adv Pg 500	**1245 Marconi Blvd. Copiague**	**NY**
Electro-Chemical Engraving Co Inc., 1-2	1100 Brook Ave, New York 56	NY
Electro-Products Inc., 3	15050 Schaefer Hwy. Detroit 27	Mich
Emeloid Co., Inc., 1-2-3	1239 Central Ave, Hillside 5	NJ
Emco Plastics Corp., 2	68 Vine St. Everett	Mass
Eugene Engineering Co., Inc., 2	1217 Hyde Park Ave. Hyde Park 36	Mass
Fay Co., Neil, 1-2	133 La Patera Ave. Goleta	Cal
Fisher & Crome, 1-2	107 N. Camac St, Philadelphia 7	Pa
Forest City Products, Inc., 1-2-3	722 Bolivar Rd, Cleveland 15	Ohio
Formica Corp., 3	4587 Spring Grove Ave. Cincinnati 32	Ohio
Franklin Fibre-Lamitex Corp., 1-2-3	Box 1768, Wilmington	Del
GREENE ELECTRONICS INC., 1-2,		
Adv Pg 432	**1840 Cranston St. Cranston 9**	**RI**
HK Metal Craft Mfg Corp., 2	3775 Tenth Ave. New York 34	NY
Hermes Plastics, Inc., 1-2-3	154 W. 14th St, New York 11	NY
Hermes Sonic Corp., 2	13-19 University Pl, New York 3	NY
I. E. Manufacturing, 3	3041 Carroll, Chicago 12	Ill
Industrial Engravers, Inc., 1-2	2712 McDonald Ave. Brooklyn 23	NY
Karl Engineering Products Inc., 1-2-3	5833 Manchester, St. Louis 10	Mo
Kamco Inc., 1	Box 4178, Havelock Sta. Lincoln 7	Neb
Klann Organ Supply Co., 1-2	Box 2188, Waynesboro	Va
Kreigel Mfg. Co., Inc., 2	227 Fulton St, New York 7	NY
Laminated Fabricators, 2-3	1145 San Mateo Ave. San Bruno	Cal
Laminated Sheet Products Corp., 1-2-3	449 Neponset St. Norwood	Mass
Long, Inc., Thomas J., 1-2-3	215 Stonehinge Lane, Carle Place	NY
Matthews & Co. James H., 1-2	3821 Forbes Ave. Pittsburgh 13	Pa
Mayer Co., George J., 1-2-3	546 E. Market St, Indianapolis	Ind
Metalphoto Corp., 3	6811 Superior Ave. Cleveland 3	Ohio
Monroe Industries Inc., 1-2	932 36 St. SE, Grand Rapids 8	Mich
NEW HERMES ENGRAVING MACHINE CO., 2		
Adv Pg 356	**154 W 14 St. New York 11**	**NY**
Northern Plastics Corp., 3	2nd & Market Sts. LaCrosse	Wis
Oki & Willadsen Ltd., 2	47 Crockford Blvd. Toronto 16	Ont
Parkway Specialties Co., 2-3	22519 Plymouth Rd. Detroit 39	Mich
Printloid Inc., 1-2-3	10-04 44th Ave, Long Island City 1	NY
Ross Co., Milton, 1-2	239 Jacksonville Rd. Hatboro	Pa
Sierra Electric Corp., 1-2-3	15100 S. Figueroa St, Gardena	Cal
Sillcocks-Miller Co., 1-2-3	Maplewood	NJ
Speed Electronics Inc., 2-3	177 Mill Ln. Mountainside	NJ
Swenson Co., Inc., V.H., 2	552 Elm St, Kearny	NJ
Tadco Mfg Inc., 1-3	Box 741, Gloucester	Mass
Toplight Corp., 1-2	160 E Ninth Ave. York	Pa
Unisco, Inc., 1-2	1061 Linden Ave, Ridgefield	NJ
U.S. RADIUM CORP., 1-2, Adv Pg 200	**P.O. Box 246, Morristown**	**NJ**
Waldom Electronics Inc., 1-2	4621 W 53rd St. Chicago 32	Ill
Wrought Washer Mfg. Co., 3	2264 S Bay St. Milwaukee 7	Wis

PLATES -*SILK SCREEN* See SCREENS

PLATES -*TRANSLUCENT PLASTIC, FOR LAMPS*

Allied Plastics Inc	600 Broadway, New York 12	NY
Apahouser Corp	1312 Boylston St, Boston	Mass
BODNAR PRODUCTS CORP., Adv Pg 460	**238 Huguenot St. New Rochelle**	**NY**
Brilhart Plastics Corp	Old Country Rd. Mineola	NY
Canadian Radium & Uranium Corp	630 Fifth Ave, New York 20	NY
Cast Optics Corp	123 S Newman St. Hackensack	NJ
Chicago Miniature Lamp Works	1500 N Ogden Ave. Chicago 10	Ill
Comco Plastics, Inc	98-40 Jamaica Ave. Richmond Hill	NY
Crystal-X Corp	403 Lenni Rd. Lenni Mills 2	Pa
Dura Plastics of New York, Inc	303 Fifth Ave, New York 16	NY
Duralith Corp	1025 Race St, Philadelphia 7	Pa
Emeloid Co., Inc	1239 Central Ave, Hillside 5	NJ
Farwest Mfg. Div. Inc	209 1st St. Seattle	Wash
Fisher & Crome	107 N. Camac St, Philadelphia 7	Pa
Franklin Fibre Lamitex Corp	P.O. Box 1768, Wilmington	Del
Jan Hardware Mfg Co. Inc	38-01 Queens Blvd. Long Island City 1	NY
Laminated Fabricators	1145 San Mateo Ave. San Bruno	Cal
Laminated Sheet Products Corp	449 Neponset St. Norwood	Mass
Monroe Industries, Inc	932 36 St S.E., Grand Rapids 8	Mich
Oki & Willadsen, Ltd	47 Crockford Blvd, Toronto 16, Ontario, Canada	
Roniar Plastics Inc	1311 E Main St. St. Charles	Ill
SEMI-ELEMENTS INC., Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
Sillcocks-Miller Co	Maplewood	NJ
Speed Electronics Inc	177 Mill Ln. Mountainside	NJ
Tadco Mfg Inc	Box 741, Gloucester	Mass
Unisco, Inc	1061 Linden Ave, Ridgefield	NJ
U. S. Precision Lens & Plastics, Inc	626 Broadway, Cincinnati 2	Ohio

PLATFORMS -*STABLE*

1. INERTIAL GUIDANCE *2. RADAR* *3. SONAR*

A G A Corp	1200 Duke St. Alexandria	Va
Bell Aerospace Corp., 1	Box 1, Buffalo 5	NY
ECLIPSE PIONEER DIV. BENDIX CORP., 1,		
Adv Pgs 354, 355	**Teterboro**	**NJ**
Emerson Electric Mfg. Co., 1-2-3	8100 Florissant Ave. St. Louis 36	Mo
Eugene Engineering Co. Inc., 2-3	1217 Hyde Park Ave. Hyde Park 36	Mass
General Electric Co. Ordnance Dept., 1	100 Plastics Ave. Pittsfield	Mass
Giannini Controls Corp., 1	1600 S Mountain Ave. Duarte	Cal
KEARFOTT DIV. GEN PRECISION INC., 1,		
Adv Pg 394	**Little Falls**	**NJ**
Minn-Honeywell, Military Prods Gr., 1-2-3	2600 Ridgway Rd. Minneapolis 13	Minn
PRECISION PRODUCTS DEPT. NORTRONICS DIV. NORTHROP CORP., 1-2-3,		
Adv Pg 240	**100 Morse St. Norwood**	**Mass**
Reeves Instrument Corp., 1-2	Roosevelt Field, Garden City	NY
Sperry Gyroscope Co. Div. Sperry Rand Corp., 1-2	Great Neck	NY
Telecomputing Corp., 1	915 N Citrus Ave. Hollywood	Cal
Thompson Ramo Wooldridge Inc. Tapco Group, 1	23555 Euclid Ave. Cleveland 17	Ohio
Washington Aluminum Co. Inc., 2	Pa RR & Knecht Ave. Baltimore 29	Md
Windsor Aircraft Corp., 1-2-3	Dunnellon Air Base, Dunnellon	Fla

PLATING ANODES See ANODES

PLATING CHEMICALS See CHEMICALS -*PLATING*
PLATING MACHINES See MACHINES -*PLATING*

PLATING SERVICES

1. BARREL *4. ELECTROPLATING*
2. CHEMICAL *5. METALS ON PLASTIC*
3. COMMON METALS *6. PRECIOUS METALS*
METALLIZING See METALLIZING

ACF Electronics Div., 3-4	Riverdale	Md
Allied Chemical Corp. Baker & Adamson Prods.-Gen. Chem. Div., 2	40 Rector St. New York	NY
Allied Circuit Techniques, Ltd., 2-4-5-6	29 Brook St N., Oakville, Ontario, Canada	
Allied Research Products, Inc., 1-2-3-4	4004 E. Monument St, Baltimore 5	Md
Amatom Electronic Hardware Co., Inc., 1-4-6	88 Drake Ave, New Rochelle	NY
American Printed Circuits Co., Inc., 4-5-6	Forrest St, Metuchen	NJ
Anchor Plating & Tinning Co., Inc., 1-3-4-6	1734 N. Tyler Ave, S. El Monte	Cal
Avionics Ltd., 4-6	Box 200, Niagara-on-the-Lake	Ont
Bart Labs & Design Inc., 1-2-3-4-5-6	125 Manchester Pl, Newark 4	NJ
Boonton Molding Co., 4-5	Boonton	NJ
Burton Silverplating Co., 6	11240 Playa, Culver City	Cal
Century Plating Co., 1-2-3-4-5-6	229 Ferris Ave, White Plains	NY
Channel Master Co., 1-4	Ellenville	NY
Chemplast, Inc., 5	3 Central Ave. East Newark	NJ
COHAN EPNER CO. INC., 1-2-3-4-5-6,		
Adv Pg 512	**142 W 14th St. New York 11**	**NY**
Colorado Research Corp., 6	Broomfield	Colo
Conductorlab, Inc., 5-6	Groton	Mass
Cooper & Sons Inc., Joseph B., 6	180 Varick St. New York 14	NY
Cox Manufacturing Co., 1-3-4-6	807 Fredericksburg, San Antonio 1	Tex
Daystrom Inc. Military Elec. Div., 4	Archbald	Pa
Eastern Reproduction, Inc., 4-6	1250 Main St. Waltham	Mass
ELECTRALAB PRINTED ELECTRONICS CORP., 4-5-6,		
Adv Pg 459	**175 A St. Needham Heights 94**	**Mass**
Electro Development Co., 6	14701 Keswick St, Van Nuys	Cal
Electronic Research & Development Co., Div. Mandrel Ind Ltd., 4	322 10th St. NW, Calgary	Alb
El-Tronics Inc., 1-3-4-6	20 S. 15th St, Philadelphia 2	Pa
Engineering Science Div Amer Metal Pdts Co., 2	2601 S State St. Ann Arbor	Mich
Fairfield Development Labs Inc., 3-4-5-6	190 Henry St. Stamford	Conn
Ford Instrument Co. Div. Sperry Rand Corp., 2-3 4-6	31-10 Thomson Ave. Long Island City 1	NY
Gar Precision Parts, Inc., 3-4-5-6	190 Henry St. Stamford	Conn
Gemex Corp. Industrial Div., 3-4-6	1200 Commerce Ave. Union	NJ
General American Transportation Corp., 2	135 S. La Salle St, Chicago 3	Ill
General Aniline & Film Corp., Ansco Div., 1-2-3-4	Vestal Pkwy E., Binghamton	NY
GENERAL FINDINGS INC. INDUSTRIAL DIV., 6,		
Adv Pgs 538, 539	**55 School St. Attleboro**	**Mass**
GREENE ELECTRONICS INC., 2-3-4-5-6,		
Adv Pg 432	**1840 Cranston St. Cranston 9**	**RI**
Halliburton Enterprises, Inc. Mfg Div., 4	4724 S Boyle Ave. Los Angeles 58	Cal
Harper-Leader, Inc., 1-4-6	1046 S. Main St, Waterbury 20	Conn
Henry & Miller Industries, Inc., 3-4-6	675 Garfield Ave, Jersey City 5	NJ
Horton-Angell Co., 6	27 Bricknell St. Attleboro	Mass
Kaes Mfg Co., F. D., 1-4	702 Park St. Beatrice	Neb
Laboratory Equipment Corp., 4	Lakeview & Hilltop Rd. St Joseph	Mich
Lytle Corp. Allied Res & Eng Div., 4-5-6	6916 Santa Monica Blvd. Hollywood 38	Cal
A.D. Mackay, Inc., 2-6	198 Broadway, New York 38	NY
Marlane Devel. Co. Inc., 2-3-4-6	153 E 26th St. New York 10	NY
Merit Plating Co., Inc., 1-2-3-4-6	218 E. 141st St, New York 51	NY
Metal Finishers, Inc., 3	78 S. Franklintown Rd, Baltimore 23	Md
Metal & Thermit Corp., 1-2-3-4	Rahway	NJ
Microtech, Inc., 4	Hilldale Rd. Cheshire	Conn
Minitron, Inc., 5-6	1105 2nd St, Encinitas	Cal
New England Refining Inc., 3-5	158 Tremont St. Everett	Mass
Northern Plastics Corp., 5	2nd & Market Sts. LaCrosse	Wis
Nu-Line Industries Inc., 1-2-4-5-6	1015 S 6th St. Minneapolis 4	Minn
Oki & Willadsen Ltd., 6	47 Crockford Blvd. Toronto 16	Ont
Pacific Scientific Co., 4-5-6	Box 22019, Los Angeles 22	Cal
Pioneer Central Div. Bendix Corp., 2	Davenport	Iowa
Poly - Kote, Inc., 5-6	82 Chestnut St. North Attleboro	Mass
Precision Electroplating Co., 1-2-3-4-5-6	4055 N Keystone Ave. Chicago 46	Ill
Printronics Corp., 6	3127 El Camino Real, Palo Alto	Cal
Ross Co., Milton, 1-4-5-6	239 Jacksonville Rd. Hatboro	Pa
Rowe Engravers, Inc., 6	64 Union Ave. Clifton	NJ
Sel-Rex Corp., 1-2-3-4-6	75 River Rd, Nutley 10	NJ
Semi-Alloys Inc., 3-5-6	20 McQueston Pkwy. N, Mt. Vernon	NY
Sibley Co., 4-6	Haddam	Conn
Sifco Metachemical, Inc., 2-3-4-5-6	935 E. 63 St, Cleveland 3	Ohio
Slip Ring Co of America, 6	3612 W. Jefferson Blvd, Los Angeles 16	Cal
Spectranome Plating Co. Inc., 1-2-3-4-6	330 W 13 St. New York 14	NY
Spectronic Plating Co. Inc., 1-4-6	330 W 13th St. New York 14	NY
Stanley Aviation Corp., 4	2501 Dallas St, Denver 8	Colo
Steel Heddle Mfg Co., 1-2-3-4	2100 W Allegheny Ave. Philadelphia 32	Pa
Steel Protection & Chemical Co., Inc., 1-4	Mooresville	Ind
Summit Industries, Inc., 5	2114 W. Rosecrans Ave, Gardena	Cal
Sylvania Electric Products Inc. Parts Div., 3-4	12 2nd Ave. Warren	Pa
Technic Inc., 4-6	Box 965, Providence 1	RI
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 4-6,		
Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
Ultra Electroforming & Mfg Co., 4	112 Cedar Ave. Pitman 6	NJ
U.S. Steel Corp., 3	525 Wm Penn Pl, Pittsburgh 30	Pa
WRIGHT METALCOATERS, INC., 1-2-3-4		
Adv Pg 424	**255 West St. South Hackensack**	**NJ**
Zacharias Co., Robert, 1-2-3-4-5-6	6055 N Keystone, Chicago 46	Ill

PLATINUM

1. FOIL *2. SHEETS, BARS & RODS*
TUBING See TUBING -*METALLIC* WIRE See WIRE -*BARE*

Accurate Specialties Co. Inc., 1-2	345 Lodi St. Hackensack	NJ
Alloys Unlimited Inc., 1	21-01 43rd Ave. Long Island City 1	NY
Anchor Metal Co., 1	966 Meeker Ave. Brooklyn 22	NY
Bishop & Co., J., Platinum Works., 1-2	Malvern	Pa
Brainin Corp., C. S., 1-2	322 Washington St. Mt. Vernon	NY
Bram Metallurgical Chemical Co., 1	820 65 Ave, Philadelphia 26	Pa
COHN CORP., SIGMUND, 1-2, Adv Pg 519	**121 S Columbus Ave. Mt. Vernon**	**NY**
Composite Industrial Metals Inc., 1	235 Georgia Ave. Providence 5	RI
CONSOLIDATED REACTIVE METALS INC., 2,		
Adv Pg 551	**116 Hoyt St. Mamaroneck**	**NY**
Cooper & Sons Inc., Joseph B., 2	180 Varick St. New York 14	NY
Eastern Smelting & Refining Corp., 1-2	107-109 W. Brookline St, Boston 18	Mass
Engelhard Industries, Inc., 1-2	113 Astor St, Newark 2	NJ
GIBSON ELECTRIC CO., 2, Adv Pg 462	**P O Box 535, Delmont**	**Pa**
HANDY & HARMAN, 2, Adv Pg 213	**850 3rd Ave. New York 22**	**NY**
Johnson Matthey & Mallory Ltd.,1-2	110 Industry St, Toronto, Ontario, Canada	
LEACH & GARNER CO. INDUSTRIAL DIV., 1-2,		
Adv Pgs 538, 539	**55 School St. Attleboro**	**Mass**
A.D. Mackay, Inc., 1-2	198 Broadway, New York 38	NY
Metz Refining Co., 1-2	369 Mulberry St. Newark 2	NJ
NATIONAL LEAD CO., 2, Adv Pg 557	**111 Broadway, New York 6**	**NY**
NEY CO., J. M., 1, Adv Pg 467	**Maplewood Ave. Bloomfield**	**Conn**
SECON METALS CORP., 2, Adv Pg 412	**7 Intervale St. White Plains**	**NY**
Sel-Rex Corp., 1-2	75 River Rd. Nutley 10	NJ
Semi-Alloys Inc., 1-2	20 McQueston Pkwy. N, Mt. Vernon	NY
Sylvania Elec Prods Inc. Sylcor Div., 2	208-20 Willets Point Blvd. Bayside	NY
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 1-2,		
Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
Tricon Mfg Co., 2	8012 S Wallace St. Chicago 20	Ill
United Mineral & Chemical Corp., 1-2	16 Hudson St. New York 13	NY
Var-Lac-Oid Chemical Co., 1-2	116 Broad St. New York 4	NY
Western Gold & Platinum Co., Sub., Wilbur B. Driver Co., 1-2	525 Harbor Blvd, Belmont	Cal
Wildberg Bros. Smelting & Refining Co., 1-2	349 Bubb Ave. S San Francisco	Cal
WILKINSON CO., 1-2, Adv Pg 180	**1660 9th St. Santa Monica**	**Cal**
Williams Gold Refining Co., Inc., 1-2	2978 Main St. Buffalo 14	NY

PLATINUM PLATING See PLATING
PLAYBACK NEEDLES See NEEDLES

PLAYERS -*RECORD* See PHONOGRAPHS
PLIERS See TOOLS -*HAND*

PLOTTERS -*DIGITAL*

B & F Instruments Inc	3644 N Lawrence St. Philadelphia 40	Pa
Pace Controls Corp	661 Highland Ave. Needham Hts. 94	Mass
TELE-DYNAMICS DIV. AMERICAN BOSCH		
ARMA CORP., Adv Pgs 196, 197	**5000 Parkside Ave. Philadelphia 31**	**Pa**

PLOTTERS -*IMPEDANCE* See RECORDERS -*IMPEDANCE*
PLOTTERS -X-Y See RECORDERS -*GRAPHIC*
PLOTTING BOARDS See BOARDS -*COMPUTER*
PLUG BOARDS See BOARDS -*COMPUTER*
PLUG-IN CIRCUIT PACKAGES See MODULES
PLUG-IN HOUSINGS See HOUSINGS -*PLUG-IN*
PLUG-IN UNIT FRAMES See FRAMES -*MOUNTING*

PLUGS

1. ADAPTER *5. PHONE*
2. BATTERY *6. PHONO*
3. COAXIAL *7. TEST LEAD TERMINAL*
4. LINE CORD *8. TWIN-LINE*
See *Also* CONNECTORS

ADC, INCORPORATED, 5, Adv Pg 150	**2833 13 Ave. S, Minneapolis 7**	**Minn**
Accurate Electronics Corp., 1-2-3-4-5-6-7-8	Box 935G, Elyria	Ohio
Air-O-Tronics Engineering Co., 1	Morrisville	NY
AIWA CO. LTD., 1-5, Adv Pg 264	**4 Motosakama-cho, Kanda Chiyoda-ku, Tokyo**	**Jap**
ALDEN PRODUCTS CO., 2-4-5-6-7-8,		
Adv Pg 359	**112 N Main St. Brockton 64**	**Mass**
Amatom Electronic Hardware Co. Inc., 6	88 Drake Ave. New Rochelle	NY
American Electronics Co., 3-6	178 Herricks Rd. Mineola	NY
Ampco Mfg Co., 1-2-3-4-5-6-7	246 E 2nd St. Plainfield	NJ
Andrew California Corp., 3	941 E Maryland Ave. Claremont	Cal
ARCO ELECTRONICS INC., 4,		
Adv Pgs 14, 15, 200	**Community Dr. Great Neck**	**NY**
Arnoux Corp., 3	11924 W. Washington Blvd, L.A. 66	Cal
Audiosears Corp., 5	Shepard Hill Rd, Roxbury	NY
Audiotex Mfg. Co., 1-3-5-6	412 S Wyman St. Rockford	Ill
Auto-Swage Products, 6-7	255 Canal St. Shelton	Conn
Aviel Electronics, Inc., 1-3	1755 Berkeley St. Santa Monica	Cal
Barker Products Co., 1-5-6	3 Component Pk. W Bridgewater	Mass
BARNES DEVELOPMENT CO., 1-7, Adv Pg 414	**213 W Baltimore Pike, Lansdowne**	**Pa**
BEAD CHAIN MFG CO., 5-6-7, Adv Pg 306	**110 Mountain Grove St. Bridgeport 5**	**Conn**
Benco Television Associates, Ltd., 3	27 Taber Rd, Rexdale, Ontario, Canada	
BIRNBACH RADIO CO. INC., 1-4-5-6-7		
Adv Pg 529	**145 Hudson St. New York 13**	**NY**
CBC Electronics Co. Inc., 1-3-5-6	2601 N Howard St. Philadelphia 33	Pa
Cable Electric Products, 1-2-4-5	236 Dobell St. Providence	RI
Cambridge Thermionic Corp., 7	445 Concord Ave, Cambridge 38	Mass
CANNON ELECTRIC CO., 7, Adv Pg 287	**3208 Humboldt St. Los Angeles 31**	**Cal**
Carter Parts Co., 5	3401 Madison St, Skokie	Ill
CINCH MFG. CO., 1-2-3-6, Adv Pgs 296, 297	**1026 S Homan Ave. Chicago 24**	**Ill**
Component Mfg Service Inc., 5-6	West Bridgewater	Mass
Connector Corp., 6	6025 N. Keystone, Chicago	Ill
Cornish Wire Co., 1	50 Church St. New York 7	NY
DAGE ELECTRIC CO., 1-3,		
Adv. Pgs. 382, 383, 384	**67 N Second St. Beech Grove**	**Ind**
Deutsch Co., Electronic Components Div., 3	Municipal Airport, Banning	Cal
Dielectric Products Engrg. Co. Inc., 1-3	Raymond	Me
Donmar Products, Inc., 1	Box 8396 Denver	Colo
Eagle Electric Mfg. Co., Inc., 1-4	23-10 Bridge Plaza S., L.I. City	NY
Eby Co., Hugh H., 1-2-5-6	4701 Germantown Ave, Philadelphia 44	Pa
Ecco Electronic Components Corp., 3	578 Nepperhan Ave, Yonkers	NY
Electro-Products Inc., 1-3	15050 Schaefer Hwy. Detroit 27	Mich
General Dynamics/Electronics, 5	100 Carlson Rd. Rochester 3	NY
Glenair, Inc., 1	1211 Airway, Glendale	Cal
HALLICRAFTERS CO., 3, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
INDUSTRIAL DEVICES, INC., 4, Adv Pg 540	**Edgewater 8**	**NJ**
Jan Hardware Mfg Co. Inc., 5	38-01 Queens Blvd. Long Island City 1	NY
Javex Electronics, 3-4-5-6-7-8	P.O. Box 646, Redlands	Cal
Jerrold Electronics Corp., 1-3-8	15th & Lehigh, Philadelphia 32	Pa
Joy Mfg. Co., 1-3	Dept. 39, Oliver Bldg. Pittsburgh 22	Pa
KINGS ELECTRONICS CO. INC., 1-3-4-5,		
Adv Pg 506	**40 Marbledale Rd. Tuckahoe**	**NY**
Kulka Electric Corp., 4	633 S Fulton Ave. Mt Vernon	NY
Lab-Tronics, Inc., 1-3-5-6-7	3656 N Lincoln Ave. Chicago 13	Ill
Liquidometer Corp., 3	41-03 36th St, Long Island City 1	NY
Malco Mfg. Co., 8	4023 W. Lake St. Chicago 24	Ill
Mallory Controls Co., 1-5-6	Frankfort	Ind

Mandex Mfg. Co., Inc., 8	2615 W. 48 St. Chicago	Ill
Microdot, Inc., 3	220 Pasadena Ave, South Pasadena	Cal
MICROLAB, 1-3, Adv Pg 356	**570 W Mt. Pleasant Ave. Livingston**	**NJ**
Millen Mfg. Co., James, 8	150 Exchange St. Malden	Mass
Miller Electric Co., 1	120 Main St. Pawtucket	RI
Molded Insulation Co., 5	335 E Price St. Philadelphia 44	Pa
Molding Corp of America, 7	42 Church St. Pawtucket	RI
Molex Products Co., 4	9515 Southview Ave. Brookfield	Ill
Moseley Electronics, Inc., 8	4610 N. Lindbergh, Bridgeton	Mo
National Fabricators, Inc., 2-5	2630 W. Belden Ave. Chicago 47	Ill
NATIONAL RADIO CO., 8, Adv Pg 499	**37 Washington St. Melrose 76**	**Mass**
NATIONAL TEL-TRONICS CORP.; 4-5-6-7, Adv Pg 537	**52 St Casimir Ave. Yonkers**	**NY**
North Electric Co., 5	553 S Market St. Galion	Ohio
Oak & Wilkinson, Ltd., 2-6	47 Crockford Blvd, Toronto 16, Ontario, Canada	
Pacific Electricord Co., 4	747 W Redondo Beach Blvd. Gardena	Cal
Permoflux Mfg Co., 2-6	910 W Jackson Blvd. Chicago 7	Ill
PHELPS DODGE COPPER PRODUCTS CORP., 1-3, Adv Pg 165	**300 Park Ave. New York 22**	**NY**
RF PRODUCTS DIV. AMPHENOL-BORG ELECTRONICS CORP., 1-3, Adv Pg 284	**33 E Franklin St. Danbury**	**Conn**
Raytheon Co. Ind Components Div., 7	55 Chapel St. Newton 58	Mass
Robins Industries Corp., 5-6	36-27 Prince St. Flushing 54	NY
Ross Co., Milton, 6	239 Jacksonville Rd. Hatboro	Pa
ROYAL ELECTRIC CORP., 4, Adv Pg 108	**95 Grand Ave. Pawtucket**	**RI**
Rye Sound Corp., 1-4-5-6-7-8	145 Elm St. Mamaroneck	NY
Sargent & Greenleaf Inc., 1	24 Seneca Ave. Rochester	NY
Sierra Electric Corp., 4	15100 S. Figueroa St. Gardena	Cal
Smith, Inc., Herman H., 1-5-6-7	2326 Nostrand Ave. Brooklyn 10	NY
STANDARD ELECTRIC TIME CO., 7, Adv Pg 311	**89 Logan St. Springfield**	**Mass**
Standard Tel. & Cables Ltd., 4-5	29 Glasshouse Yard, London	Eng
Superior Electric Co., The, 4	383 Middle St. Bristol	Conn
SWITCHCRAFT INC., 1-4-5-6, Adv Pg 236	**5537 Elston Ave. Chicago 30**	**Ill**
Ted Mfg. Co., 3	11415 Johnson Dr, Shawnee	Kan
TEFCO CORP., 1-3-7, Adv Pg 500	**28 Willett St. Port Chester**	**NY**
Trimm, Inc., 1-3-5	400 W. Lake St, Libertyville	Ill
Trompeter Electronic Associates, 3	7713 Oakdale Ave. Canoga Park	Cal
UCINITE CO. DIV. UCF, 4-5-6-7, Adv Pg 69	**459 Watertown St. Newtonville**	**Mass**
U. S. Engineering Co. Div. Litton Ind., 7	13536 Saticoy, Van Nuys	Cal
VECTOR ELECTRONIC CO., 1, Adv Pg 544	**1100 Flower St. Glendale 1**	**Cal**
Vibro Corp of America, 3	261 Madison Ave. New York 16	NY
Waber Electronics, Inc., 1-6	Hancock & Somerset, Philadelphia 33	Pa
Waldom Electronics, Inc., 6	4621 W 53rd St. Chicago 32	Ill
Walsco Electronics Mfg. Co., 1-2-3-5-6-8	400 S Wyman St. Rockford	Ill
Zoron Inc., 1-5-6-7	612 W Monroe St. Chicago 6	Ill

POINTERS -*DIAL*

Cambridge Thermionic Corp	445 Concord Ave, Cambridge 38	Mass
Millen Mfg. Co., James	150 Exchange St. Malden	Mass
Munroe Industries, Inc	312 ... S.E., Grand Rapids 8	Mich
NATIONAL RADIO CO., Adv Pg 499	**37 Washington St. Melrose 76**	**Mass**
Oak & Wilkinson, Ltd	47 Crockford Blvd, Toronto 16, Ontario, Canada	
Ross Co., Milton	239 Jacksonville Rd. Hatboro	Pa
Silicone-Miller Co	Matawan	NJ
U.S. RADIUM CORP., Adv Pg 200	**P.O. Box 246, Morristown**	**NJ**
Waldom Electronics Inc	4621 W 53rd St. Chicago 32	Ill

POLAR-COORDINATE RECORDERS See RECORDERS -*GRAPHIC*
POLAR-TO-RECTANGULAR CONVERTERS See CONVERTERS -*COMPUTER*
POLICE RADIO See COMMUNICATION SYSTEMS

POLONIUM

Canadian Radium & Uranium Corp	630 Fifth Ave, New York 20	NY
Gamex Corp. Industrial Div	1200 Commerce Ave, Union	NJ
A.D. Mackay, Inc	198 Broadway, New York 38	NY
U.S. Nuclear Corp	801 N. Lake St, Burbank	Cal
U.S. RADIUM CORP., Adv Pg 200	**P.O. Box 246, Morristown**	**NJ**

POLYETHYLENE See PLASTICS
POLYSTYRENE See PLASTICS
PORCELAIN See CERAMICS
PORTABLE CASES See CASES -*PORTABLE*
PORTABLE TRANSMITTERS See TRANSMITTERS -*RADIO COMMUNICATION*
POSITIONERS -*REMOTE* See ACTUATORS -*SERVO*; CONTROLS -*REMOTE*: CONTROLS -*SERVO*: INDICATORS -*POSITIONING*
POSITIONING CONTROLS See CONTROLS -*POSITIONING*
POSITIONING INDICATORS See INDICATORS -*POSITIONING*

POSTS -*BINDING*

Accurate Electronics Corp	Box 935G, Elyria	Ohio
Air-O-Tronics Engineering Co	Morrisville	NY
American Electronic Hardware Co., Inc	88 Drake Ave, New Rochelle	NY
Ampco Mfg. Co	246 E. 2nd St, Plainfield	NJ
Bayly Engineering Ltd	Hunt St, Ajax	Ont
BEAD CHAIN MFG CO., Adv Pg 306	**110 Mountain Grove St. Bridgeport 5**	**Conn**
BIRNBACH RADIO CO. INC., Adv Pg 529	**145 Hudson St. New York 13**	**NY**
Dorman Products, Inc	P.O. Box 8396, Dormont 10	Ohio
Eby Co., Hugh H.	4701 Germantown Ave, Philadelphia 44	Pa
Elco Corp	M St Below Erie Ave, Philadelphia 24	Pa
FEDERAL SCREW PRODUCTS INC., Adv Pg 553	**3917 N Kedzie Ave. Chicago 18**	**Ill**
Gamex Corp. Industrial Div	1200 Commerce Ave. Union	NJ
GRAPHITE METALLIZING CORP., Adv Pg 273	**1052 Nepperhan Ave. Yonkers**	**NY**
INDUSTRIAL ELECTRONIC HARDWARE CORP., Adv Pg 555	**109 Prince St. New York 12**	**NY**
Johnson Co., E.F.	Waseca	Minn
KINGS ELECTRONICS CO. INC., Adv Pg 506	**40 Marbledale Rd. Tuckahoe**	**NY**
Malco Mfg. Co	4023 W. Lake St. Chicago 24	Ill
Millen Mfg. Co., James	150 Exchange St. Malden	Mass
Molded Insulation Co	335 E Price St. Philadelphia 44	Pa
NATIONAL RADIO CO., Adv Pg 499	**37 Washington St. Melrose 76**	**Mass**
NATIONAL TEL-TRONICS CORP., Adv Pg 537	**52 St Casimir Ave. Yonkers**	**NY**
North Electric Co	553 S Market St. Galion	Ohio
Oak & Wilkinson Ltd	47 Crockford Blvd. Toronto 16	Ont
Raytheon Co. Ind Components Div	55 Chapel St. Newton 58	Mass
Ross Co., Milton	239 Jacksonville Rd, Hatboro	Pa
Smith, Inc., Herman H.	2326 Nostrand Ave, Brooklyn 10	NY
STANDARD ELECTRIC TIME CO., Adv Pg 311	**89 Logan St. Springfield**	**Mass**
Superior Electric Co., The	383 Middle St. Bristol	Conn
Technical Co	1156 Commonwealth Ave, Boston 34	Mass

U. S. Engineering Co. Div. Litton Ind	13536 Saticoy, Van Nuys	Cal
VECTOR ELECTRONIC CO., Adv Pg 544	**1100 Flower St. Glendale 1**	**Cal**
Waldom Electronics, Inc	4621 W. 53rd St, Chicago 32	Ill
Zoron Inc	612 W Monroe St. Chicago 6	Ill

POTENTIOMETER LINEARITY TESTERS See TESTERS -*POTENTIOMETER LINEARITY*
POTENTIOMETERS -*ABSOLUTE OR DIFFERENTIAL PRESSURE* See TRANSDUCERS -*PRESSURE*

POTENTIOMETERS & RHEOSTATS -*GENERAL-PURPOSE (Incl. VOLUME, TONE & OTHER CONTROLS)*

1. COMPOSITION (CARBON)
2. HIGH-MEGOHM
3. HIGH-VOLTAGE
4. METALLIC FILM
5. MINIATURE
6. PRINTED-CIRCUIT TERMINALS
7. SUBMINIATURE
8. TAPPED
9. TRIMMER
10. WIRE-WOUND

A. O. I. P., 10	23 Pl. Jeanne d'Arc, Paris 13	Fr
Ace Electronics Associates Inc., 5-7-8-9-10	99 Dover St. Somerville 44	Mass
Aero Electronics Corp., 9	1745 W. 134th St, Gardena	Cal
Allen-Bradley Co., 1-5-9	136 W Greenfield Ave. Milwaukee 4	Wis
Anton Electronic Labs Inc Div Lionel Corp, 7-10	1226 Flushing Ave. Brooklyn 37	NY
Ardente Acoustic Labs Ltd., 1-5-6-7	8/12 Minerva Rd. London NW 10	Eng
Armstrong Whitworth Equipment, 10	Hucclecote, Gloucester	Eng
Arnhold Ceramics Inc., 5-7-9	1 E 57th St. New York 22	NY
Atohm Electronics, 5-6-7-8-9-10	7648 San Fernando Rd, Sun Valley	Cal
Audiotex Mfg. Co., 1-10	412 S Wyman St. Rockford	Ill
Auto-Swage Products, Inc., 6	255 Canal St. Shelton	Conn
BORG EQUIPMENT DIV. AMPHENOL-BORG ELECTRONICS CORP., 1-5-6-7-8-9-10, Adv Pg 164	**120 S Main, Janesville**	**Wis**
Bourns Inc., 1-5-6-7-8-9-10	6135 Magnolia Ave. Riverside	Cal
Brys Instrument Co., 2-3-9-10	7026 6th Ave. Brooklyn 9	NY
CTS of Canada Ltd., 1-4-5-6-9-10	80 Thomas St. Streetsville	Ont
CTS CORP., 1-2-3-4-5-6-7-8-9-10, Adv Pg 241	**1142 W Beardsley Ave. Elkhart**	**Ind**
Canadian Research Institute, 2-3	85 Curlew Dr. Don Mills	Ont
Carter Mfg. Corp., 5-6-7-8-9-10	23 Washington St. Hudson	Mass
Carter Parts Co., 10	3401 Madison St. Skokie	Ill
CENTRALAB ELECTRONICS, DIV. GLOBE-UNION, INC., 1-2-5-6-7-8-9-10, Adv. Pgs. 376, 377	**914Y E Keefe Ave. Milwaukee 1**	**Wis**
Chicago Aerial Industries, 10	550 W Northwest Hwy. Barrington	Ill
Chicago Telephone of Cal. Inc., 1-2-3-4-5-6-7 8-9-10	1010 Sycamore Ave. South Pasadena	Cal
Clark Controller Co., 10	1146 E 152nd St. Cleveland 10	Ohio
CLAROSTAT MFG. CO., INC., 1-2-3-5-6-7-8-9-10, Adv Pg 501	**Dover**	**NH**
COMPUTER INSTRUMENTS CORP., 1-5, Adv Pg 373	**92 Madison Ave. Hempstead**	**NY**
Con-Elco Div. Edcliff Instruments, 1-2-3-5-6-7-8-9-10	1711 S Mountain Ave. Monrovia	Cal
DALE ELECTRONICS INC., 6-9-10, Adv Pgs 120, 121	**Box 488, Columbus**	**Neb**
Daystrom Inc. Military Elec. Div., 2-5-6-7-9-10	Archbald	Pa
DAYSTROM INC. POTENTIOMETER DIV., 1-5-6-7-8-9-10, Adv Pgs 174, 175	**Archbald**	**Pa**
DeJUR-AMSCO CORP., 5-7-9-10, Adv Pg 369	**Northern Blvd. at 45th St. Long Island City 1**	**NY**
Duncan Electronics, Inc., 8-10	2865 Fairview Rd. Costa Mesa	Cal
EIR Corp., 10	5177 Overland Ave, Culver City	Cal
Edcliff Instruments, 1-5-6-7-9	1711 S Mountain Ave. Monrovia	Cal
Electrophono & Parts Corp., 1-5-6-8-9-10	530 Canal St, New York 13	NY
Fairchild Controls Corp., 4-5-6-7	225 Park Ave. Hicksville	NY
Fedtro Inc., 10	Fed. Electr. Bldg. Rockville Centre	NY
Fluke Mfg Co. Inc., John, 10	Mountlake Terrace	Wash
General Controls Co., 5-8-9-10	801 Allen Ave, Glendale 1	Cal
General Radio Co., 10	West Concord	Mass
Giannini Controls Corp., 5-7-8-10	1600 S Mountain Ave. Duarte	Cal
Helex, Inc., 9	310 E Imperial Hwy, El Segundo	Cal
Handley, Inc., 5-6-7-9-10	19620 Pomona St, Los Angeles 66	Cal
Intellux Inc. Scientific Components Div., 4-9	30 S Salsipuedes St. Santa Barbara	Cal
International Resistance Co., 5-6-7-9-10	401 N Broad St. Philadelphia 8	Pa
Jones & Roy Co., 6	620 Commercial Ave, Covina	Cal
K-F DEVELOPMENT CO., 10, Adv Pg 226	**2606 Spring St. Redwood City**	**Cal**
KATAOKA ELECTRIC CO. LTD., 1-2-5-6-7-8, Adv Pg 262	**247 Yokigaya-cho, Ohta-ku, Tokyo**	**Jap**
Kelsey Dept. Norden Div. United Aircraft Corp., 10	Jericho Tpk. Commack	NY
Key Resistor Corp., 4-5-6-7-9	321 W Redondo Beach Blvd. Gardena	Cal
Lesa Const Elettromeccaniche S.A., 1-2-5-7-6 8-9-10	21 Via Bergamo, Milano	Italy
Liquidometer Corp., 9	41-18 36th St. Long Island City 1	NY
Litton Industries Inc, Potentiometer Div., 2-3-5-7 8-10	200 E 3rd St. Mount Vernon	NY
Lockheed Electronics Corp. Avionics & Ind Prods Div., 9	Randolph St. Los Angeles 22	Cal
Lyn-Tron, Inc., 5-7	5300 Riverton Ave. North Hollywood	Cal
Malco Mfg. Co., 6	4023 W. Lake St, Chicago 24	Ill
Mallory Controls Co., 1-5-6-10	Frankfort	Ind
MATSUSHITA ELECTRIC, Adv Pg 255	**Box 288, Osaka Central, Tokyo**	**Jap**
Maurey Instrument Corp., 5-6-7-9-10	7924 S Exchange Ave. Chicago 17	Ill
Micro-Lectric Inc., 10	19 DeBevoise Ave. Roosevelt	NY
Miniature Electronic Components Corp., 5-6-7-9-10	21 Plymouth St. Holbrook	Mass
MITSUMI ELECTRIC CO. LTD., 7, Adv Pg 266	**1056-1 Kodachi, Komae-cho Kitatama-gun, Tokyo**	**Jap**
Mutor Co., 5-6-10	1255 S Michigan Ave. Chicago 5	Ill
NATIONAL TEL-TRONICS CORP., 6, Adv Pg 537	**52 St Casimir Ave. Yonkers**	**NY**
New England Instrument Co., 8-9-10	39 Green St. Waltham	Mass
OHMITE MFG. CO., 1-5-8-10, Adv Pgs 276, 277	**3601 Howard St. Skokie**	**Ill**
Pacific Electricord Co., 5	747 W Redondo Beach Blvd. Gardena	Cal
Pacific Electronic Controls Corp., 5-7-8-9-10	1001 S. Mountain Ave, Monrovia	Cal
Precision Electronic Components, Ltd., 1-2-3-5-6-7	50 Wingold Ave, Toronto 19, Ontario, Canada	
Raytheon Co. Ind Components Div., 5-6	55 Chapel St. Newton 58	Mass
Reon Resistor Corp., 1-2-3-5-6-7-9-10	155 Saw Mill River Rd. Yonkers	NY
Ross Co., Milton, 5-6-7-8	239 Jacksonville Rd. Hatboro	Pa
San Fernando Electric Mfg Co., 10	1509 1st St. San Fernando	Cal
Servonic Instruments, Inc., 10	1644 Whittier Ave. Costa Mesa	Cal
Smith, Inc. Herman H., 6	2326 Nostrand Ave. Brooklyn 10	NY
Specialties, Inc., 10	Skunks Misery Rd. Syosset	NY
Spectrol Electronics Corp., 5-6-9-10	1704 S Del Mar, San Gabriel	Cal
Stackpole Carbon Co., 1-5-6-8	201 Stackpole St. St Marys	Pa

Sterling Instrument Div., 10	17 Matinecock Ave. Port Washington	NY
Subminiature Instruments Corp., 3-5-6-7-8-9-10	3726 Kansas Ave. Riverside	Cal
TECHNOLOGY INSTRUMENT CORP., 1-2-3-4-5-6-7-8-9-10, Adv Pgs 83, 86	**533 Main St. Acton**	**Mass**
Technology Instrument Corp of Ill., 5-6-7-8-9-10	10130 W. Pacific Ave, Franklin Park	Ill
Ted Mfg. Co., 5-7	11415 Johnson Dr, Shawnee	Kan
TEIKOKU TSUSHIN KOGYO CO. LTD., 1-3-5-6-7-8-10, Adv Pg 262	**335 Nishi Naka-machi, Kariyado, Kawasaki**	**Jap**
Topp Industries, Inc., 5-8-10	5221 W. 102 St, Los Angeles 45	Cal
TRU-OHM PRODUCTS DIV. MODEL ENG & MFG INC., 10, Adv Pg 490	**3426 W Diversey, Chicago 47**	**Ill**
UCINITE CO. DIV. UCF, 6, Adv Pg 69	**459 Watertown St. Newtonville**	**Mass**
Ultronix, Inc., 5-6-7-9-10	111 E. 20th Ave, San Mateo	Cal
United Mineral & Chemical Corp., 3-7-10	16 Hudson St. New York 13	NY
WARD LEONARD ELECTRIC CO., 10, Adv Pgs 338, 339	**23 South St. Mt. Vernon**	**NY**
WATERS MANUFACTURING INC., 5-7-9-10, Adv Pg 44	**Boston Post Rd. Wayland**	**Mass**
Wells Industries Corp., 5-6-7-8-9-10	6880 Troost Ave. Hollywood	Cal
Westinghouse-Gen Purpose Controls Dept., 10	Buffalo	NY

POTENTIOMETERS -*INDUCTION* See SYNCHROS

POTENTIOMETERS -*PRECISION*

1. AUTO-TRANSFORMER
2. CARBON FILM
3. COEFFICIENT (COMPUTING)
4. CONDUCTING PLASTIC
5. METALLIC FILM
6. PORTABLE, INSTRUMENT
7. RECTILINEAR
8. SERVO-SET (COMPUTING)
9. SINE-COSINE
10. TAPE-SET (COMPUTING)
11. WIRE-WOUND MULTI-TURN
12. WIRE-WOUND SINGLE-TURN

A. O. I. P., 11-12	23 Pl. Jeanne d'Arc, Paris 13	Fr
ACCURACY INC., 7-9-12, Adv Pg 378	**4 Gordon St. Waltham 54**	**Mass**
Ace Electronics Associates Inc., 4-7-9-11-12	99 Dover St. Somerville 44	Mass
ACME ELECTRIC CORP., 1, Adv Pg 173	**Water St. Cuba**	**NY**
Aero Electronics Corp., 11	1745 W. 134 St, Gardena	Cal
Alpha Instrument Co., 12	43 Hempstead St, New London	Conn
Analogue Controls Inc., 11-12	200 Frank Rd. Hicksville	NY
Anton Electronic Labs Inc Div Lionel Corp, 9-11-12	1226 Flushing Ave. Brooklyn 37	NY
Armstrong Whitworth Equipment, 7-9-11-12	Hucclecote, Gloucester	Eng
Astrosystems Inc., 1	220 E 23rd St. New York 10	NY
Atohm Electronics, 11	7648 San Fernando Rd, Sun Valley	Cal
BORG EQUIPMENT DIV. AMPHENOL-BORG ELECTRONICS CORP., 2-7-11-12, Adv Pg 164	**120 S Main, Janesville**	**Wis**
Bourns Inc., 7-11-12	6135 Magnolia Ave. Riverside	Cal
British Radio Electronics, Ltd., 9-11-12	1833 Jefferson Pl. NW, Wash 6	DC
Brys Instrument Co., 2-3-4-7-9-11-12	7026 6th Ave. Brooklyn 9	NY
Calbest Electronics Co., 7-9-11-12	4801 Exposition Blvd, Los Angeles 16	Cal
Campbell Co. Inc., Colin, 1	Miry Brook Rd. Danbury	Conn
Canadian Research Institute, 6-11-12	85 Curlew Dr. Don Mills	Ont
Carter Mfg. Corp., 4-8-9-12	23 Washington St. Hudson	Mass
Chicago Aerial Industries, 7-9-11-12	550 W Northwest Hwy. Barrington	Ill
Chicago Telephone of Cal. Inc., 5	1010 Sycamore Ave. South Pasadena	Cal
CLAROSTAT MFG. CO., INC., 2-3-7-8-9-10-11-12, Adv Pg 501	**Dover**	**NH**
Coil Co. of America Inc., 1	220 Washington St. Northvale	NJ
COMPUTER INSTRUMENTS CORP., 2-3-7-8-9-10, Adv Pg 373	**92 Madison Ave. Hempstead**	**NY**
Con-Elco Div. Edcliff Instruments, 2	1711 S Mountain Ave. Monrovia	Cal
Corbett Science Labs., F.U., 2-7-11-12	3117 Venice Blvd. Los Angeles 19	Cal
Daystrom Inc. Military Elec. Div., 6-11-12	Archbald	Pa
DAYSTROM INC. POTENTIOMETER DIV., 11-12, Adv Pgs 174, 175	**Archbald**	**Pa**
DeJUR-AMSCO CORP., 7-9-11-12, Adv Pg 369	**Northern Blvd. at 45 St. L I City 1**	**NY**
Digital Sensors Inc	6443 S Figueroa St, Los Angeles	Cal
Duncan Electronics, Inc., 8-9-10-11-12	2865 Fairview Rd. Costa Mesa	Cal
EIR Corp., 7-12	5177 Overland Ave, Culver City	Cal
Edcliff Instruments, 7	1711 S Mountain Ave, Monrovia	Cal
Electran Mfg. Co., 1	1901 N. Clybourn, Chicago	Ill
ELECTRO-MEC DIV. WALTHAM PREC INSTR CO. INC., 12, Adv Pg 362	**47-51 33rd St. Long Island City 1**	**NY**
Electro Radiation Inc., 5	11916 W Pico Blvd. Los Angeles 64	Cal
ELECTRO SCIENTIFIC INDUSTRIES INC., 6, Adv Pg 424	**7524 SW Macadam, Portland 19**	**Ore**
Electronetic Corp., 3-9-11-12	115 Pleasant Ave, Roosevelt	NY
Electronic Associates Inc., 3-8-9-11	Long Branch	NJ
Fairchild Controls Corp., 9-11-12	225 Park Ave. Hicksville	NY
Fairchild Recording Equip Co., 1	10-40 - 45th Ave. Long Island City 1	NY
Fluke Mfg Co. Inc., John, 12	Mountlake Terrace	Wash
Foxboro Co., The, 6	Foxboro	Mass
Gamewell Co., The, 9-11-12	1238 Chestnut St, Newton Upper Falls 64	Mass
General Controls Co., 7-11-12	801 Allen Ave, Glendale 1	Cal
Gertsch Products, Inc., 1	3211 S. La Cienega, Los Angeles 16	Cal
Giannini Controls Corp., 7-9-11-12	1600 S Mountain Ave. Duarte	Cal
Globe Electrical Mfg. Co., 11	1729 W. 134 St, Gardena	Cal
GRAY INSTRUMENT CO., 6, Adv Pg 400	**448 Mill Rd. Andalusia**	**Pa**
Guidance Controls Corp., 4-9-12	110 Duffy Ave. Hicksville	NY
Guildline Instruments Ltd., 6	Box 99, Smiths Falls	Ont
Handley, Inc., 12	19620 Pomona St, Los Angeles 66	Cal
Helco Products Corp., 7-8-12	7832 Balboa Blvd. Van Nuys	Cal
Helipot Div. Beckman Instruments Inc., 3-4-5-6-7-8-9-10-11-12	2500 Harbor Blvd. Fullerton	Cal
HOWELL INSTRUMENTS INC., 6-11-12, Adv Pg 358	**3479 W Vickery Blvd. Fort Worth 7**	**Tex**
Humphrey, Inc., 7-12	2805 Canon St, San Diego 6	Cal
Huppert Co., K. H., 6	6830-40 S Cottage Grove, Chicago 37	Ill
Industrial Control Co., 8	Central Ave. at Pinelawn, Farmingdale	NY
Instrol, Inc., 1-7	135 E. Dela Guerra, Santa Barbara	Cal
Intellux Inc. Scientific Components Div., 5	30 S Salsipuedes St. Santa Barbara	Cal
International Resistance Co., 11-12	401 N Broad St. Philadelphia 8	Pa
JULIE RESEARCH LABS. INC., 6 Adv Pg 392, 393	**603 W. 130 St. New York 27**	**NY**
K-F DEVELOPMENT CO., 6-7-11-12, Adv Pg 226	**2606 Spring St. Redwood City**	**Cal**
Kelsey Dept., Norden Div., United Aircraft Corp., 7-9-11-12	Jericho Tpk, Commack	NY
Key Resistor Corp., 5	321 W Redondo Beach Blvd. Gardena	Cal
Litton Industries Inc. Potentiometer Div., 3-8-9 11	200 E 3rd St. Mount Vernon	NY
Lockheed Electronics Corp. Avionics & Ind Prods Div., 8-11-12	Randolph St. Los Angeles 22	Cal

Mallory Controls Co., 11	Frankfort	Ind
Merfite Corp., 4-7-9	155 Kennedy Pl, New York 14	NY
Mourey Instrument Corp., 8-9-12	7924 S Exchange Ave. Chicago 17	Ill
Muchatrol Div., Servomechanisms, Inc., 5	1200 Prospect Ave, Westbury	NY
Micro-Lectric Inc., 9-12	19 DeBevoise Ave. Roosevelt	NY
Mateo Products, Inc., 7	740 Washington Ave, N., Minneapolis 1	Minn
Miniature Electronic Components Corp., 12	21 Plymouth St. Holbrook	Mass
Minn-Honeywell, Rubicon Instruments, 6	Ridge Ave. at 35 St. Philadelphia 32	Pa
Muirhead & Co., Ltd., 11	Beckenham, Kent, England	
New England Instrument Co., 3-4-5-6-7-8-9-10-11-12	39 Green St. Waltham	Mass
Norden Div. United Aircraft Corp., 11	Helen St. Norwalk	Conn
Pacific Electronic Controls Corp., 7-8-9-10-11-12	1001 S. Mountain Ave, Monrovia	Cal
Palo Alto Engineering Co., 12	620 Page Mill Rd, Palo Alto	Cal
Perkin-Elmer Corp., 1	Main Ave. Norwalk	Conn
PHYSICS RESEARCH LABS. INC., 6, Adv Pg 478	**Box 555, Hempstead**	**NY**
PRECISE MEASUREMENTS CO., 1 Adv Pg 322	**R.D.1, Millbrooks Rd. Flemington**	**NJ**
Precision Line Inc., 7-9-12	63 Main St. Maynard	Mass
Radio Engineering Labs. Inc., 1	29-01 Borden Ave. Long Island City 1	NY
Radio Frequency Labs., Inc., 6	Boonton 2	NJ
RAWSON ELECTRICAL INSTRUMENT CO., 9, Adv Pg 446	**111 Potter St. Cambridge 42**	**Mass**
RAYTRON DIV. GEO. RATTRAY & CO., 8-9-12, Adv Pg 386	**101 New South Rd. Hicksville**	**NY**
Reon Resistor Corp., 2-3-4-7	155 Saw Mill River Rd. Yonkers	NY
San Fernando Electric Mfg. Co., 9-11-12	1509 First St, San Fernando	Cal
SENSITIVE RESEARCH INSTRUMENT CORP., 6, Adv Pg 109	**310 Main St. New Rochelle**	**NY**
SERVO CORP OF AMERICA, 9, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Servomechanisms/Inc., 5-12	200 N Aviation Blvd. El Segundo	Cal
Servonic Instruments, Inc., 7	1644 Whittier Ave. Costa Mesa	Cal
Shallcross Mfg Co., 6	Selma	NC
Simpson Mfg. Co., 12	P. O. Box 275, Wayne	Ill
Specialties, Inc., 12	Skunks Misery Rd, Syosset	NY
Spectrol Electronics Corp., 3-8-9-11-12	1704 S. Del Mar, San Gabriel	Cal
Subminiature Instruments Corp., 2-9-11-12	3236 Kansas Ave. Riverside	Cal
Taylor Instrument Cos., 6	95 Ames St. Rochester	NY
Technique Assoc, Div., Duncan Elec, 6	1413 N. Cornell Ave, Indianapolis	Ind
TECHNOLOGY INSTRUMENT CORP., 2-5-6-7-9-11-12, Adv Pgs 83, 86	**533 Main St. Acton**	**Mass**
Technology Instrument Corp of Ill., 7-12	10130 W. Pacific Ave, Franklin Park	Ill
TEIKOKU TSUSHIN KOGYO CO. LTD., 2-6-8-10-12, Adv Pg 262	**335 Nishi Naka-machi, Kariyado, Kawasaki**	**Jap**
Thermovolt Instruments Ltd., 6	70 Advance Rd. Toronto 18	Ont
Topp Industries, Inc., 1-7-12	5221 W. 102 St, Los Angeles 45	Cal
Topper Mfg Co. Inc., 4	84-56 Parsons Blvd. Jamaica 32	NY
Transonic Inc., 1	808 16th St. Bakersfield	Cal
Vernistat Div. Perkin-Elmer Corp., 1-3-8-11	769 Main Ave. Norwalk	Conn
Voak Engineering Co., 11-12	129 E. A St, Upland	Cal
VOGUE INSTRUMENT CORP., 4-5-9-11-12, Adv Pg 470	**2350 Linden Blvd. Brooklyn**	**NY**
Wayne Kerr Corp., 8	1633 Race St. Philadelphia 3	Pa
Wells Industries Corp., 11-12	6880 Troost Ave. Hollywood	Cal

POTENTIOMETER TESTERS See TESTERS –*POTENTIOMETER*
POTENTIOMETER-TYPE RECORDERS See RECORDERS –*GRAPHIC*
POTENTIOMETER WIRE See WIRE –*RESISTANCE*

POTS & TANKS –*HEATING*

Networks Electronic Corp	14806 Oxnard St. Van Nuys	Cal

POTS –*SOLDERING* See TOOLS
POTTED CIRCUITS See MODULES
POTTING COMPOUND DISPENSERS See DISPENSERS
POTTING COMPOUNDS See COMPOUNDS –*POTTING*
POTTING RESINS See RESINS –*ENCAPSULATING & POTTING*
POWDERED-IRON CORES See CORES –*MOLDED MAGNETIC*
POWDERED IRON-CORE TRANSFORMERS See TRANSFORMERS –*IRON-CORE*
POWDERED METAL See *METAL DESIRED*
POWDERED METAL PARTS See METAL PARTS –*POWDERED*
POWER AMPLIFIERS –See AMPLIFIERS – A-F: AMPLIFIERS –*MAGNETIC*
POWER BRIDGES See BRIDGES
POWER CONVERTERS See CONVERTERS –*POWER*
POWER DIVIDERS See DIVIDERS –*POWER*
POWER-FACTOR METERS See METERS –*POWER-FACTOR*
POWER GENERATORS See GENERATORS –*POWER*
POWER-LEVEL METERS See METERS –*POWER-LEVEL*
POWER-LEVEL RECORDERS See RECORDERS –*POWER-LEVEL*
POWER METERS See WATTMETERS
POWER MONITORS See MONITORS –*POWER*
POWER R-F AMPLIFIERS See AMPLIFIERS – R-F
POWER SUPPLIES – *A-C OUTPUT* See CONVERTERS: DYNAMOTORS: GENERATORS –*POWER*: INVERTERS: TRANSFORMERS

POWER SUPPLIES – *D-C OUTPUT, RECTIFIER-TYPE*

1. *HIGH-VOLTAGE (Incl. KLYSTRON & OTHER MICROWAVE)*
2. *LOW-VOLTAGE, REGULATED (FOR TRANSISTORS & MAGNETIC AMPLIFIERS)*
3. *LOW-VOLTAGE (FOR INSTRUMENTS & TEST EQUIPMENT)*
4. *LOW-VOLTAGE UNREGULATED (FOR TRANSISTORS & MAGNETIC AMPLIFIERS)*
5. *PLATE SUPPLIES, REGULATED*
6. *PLATE SUPPLIES, UNREGULATED*
7. *PLATE SUPPLIES, VARIABLE-VOLTAGE*
8. *PLATE SUPPLIES, 400-CPS, INPUT*
9. *REFERENCE VOLTAGE SUPPLIES*

COMPUTER See Also CONVERTERS: DYNAMOTORS: GENERATORS –*POWER, D-C*

AC Electronics, Inc., 2-3-4	11725 Mississippi Ave. Los Angeles 25	Cal
ACDC ELECTRONICS, INC., 2-3-4-5-6-8-9, Adv Pg 182	**2979 N Ontario St. Burbank**	**Cal**
ACF Electronics Div., 2-3-4-7-9	Riverdale	Md
ADC INCORPORATED, 2-4-5-6-8, Adv Pg 150	**2883 13th Ave. S, Minneapolis 7**	**Minn**
A R & D A, 1-2-3-4-5-6-7-8-9	135 Main St. Belleville 9	NJ
ACME ELECTRIC CORP., 2-3-4-5-6-7-8-9, Adv Pg 173	**Water St. Cuba**	**NY**
Acopian Technical Co., 2-3-4-5-6-7	927 Spruce St, Easton	Pa
Adler Electronics Inc., 5	1 Lefevre Ln. New Rochelle	NY
ADVANCED ELECTRONICS CORP., 2-3-5, Adv Pg 404	**2 Commercial St. Hicksville**	**NY**
Acrolab Development Co., 1-2-3-4-5-6-7-8-9	330 W. Holly St. Pasadena	Cal
Airdesign Corp., 1-2-3-4-5-6	Box 987, Norristown	Pa
AIRPAX ELECTRONICS INC. CAMBRIDGE DIV., 2-3-4-8, Adv Pg 106	**Cambridge**	**Md**
Airtec, Inc., 1	139 E. First Ave, Roselle	NJ
Allied Electronics, 1	897 Commercial St, Palo Alto	Cal
Alto Scientific Co. Inc., 5	855 Commercial, Palo Alto	Cal
Americ, Inc., 1	Dunham Rd, Beverly	Mass
AMERICAN ELECTRONIC LABS. INC., 3, Adv Pg 362	**121 N 7th St. Philadelphia 6**	**Pa**
American Electronics Inc. Precision Power Div., 2	1598 E Ross Ave. Fullerton	Cal
Amer-Nonnier Corp. Amer. Elec. Div., 2-4-9	2801 37th Ave. NE, Minneapolis 18	Minn
American Rectifier Corp., 3	95 Lafayette St. New York 13	NY
American Research & Mfg. Corp., 1-2-3-4	920 Halpine Ave. Rockville	Md
AMERICAN TELEVISION & RADIO CO., 3, Adv Pg 324	**300 E 4th St. St Paul 1**	**Minn**
AMP INC., 1-2-3-4, Adv Pgs 65, 183	**Eisenhower Blvd. Harrisburg**	**Pa**
Amplifier Corp of America, 2-3-7	398 Broadway, New York 13	NY
Anders Electronics, Inc., 2-3-4-5-6-7-8	30 Brook Rd. Needham Heights 94	Mass
Applied Dynamics, Inc., 5-9	Box 612, Ann Arbor	Mich
ARNOLD MAGNETICS CORP., 3-5, Adv Pg 48	**6050 W Jefferson Blvd. Los Angeles 6**	**Cal**
Arnoux Corp., 1-2-3-4-5-6-7-8	11924 W. Washington Blvd, L.A. 66	Cal
ASSOCIATED RESEARCH, INC., 1, Adv Pg 218	**3788 W Belmont Ave. Chicago 18**	**Ill**
ASSOCIATED SPECIALTIES CO., 1-3-5, Adv Pg 520	**1751 Main St. Orefield**	**Pa**
Atlantic Research Corp., 5	Shirley Hwy at Edsall Rd, Alexandria	Va
Atlas Coil Inc., 2-3-4-5-6-7-8	63 Main St. Ansonia	Conn
Atlas Controls Inc., 1-2-3-4-5-6-7-8-9	Dept. EM, 5 Erie Dr. Natick	Mass
Atlee Corp. Monitor Controller Div., 1	99 Grove St. Rockland	Mass
Atlee Corp. Wenco Div., 1-5-6-7-8-9	27 Olive St. Greenfield	Mass
Avco Corp. Electronics & Ordnance Div., 1	Box 116, Cincinnati 15	Ohio
Barwood Electronics, Inc., 3	120 S Maryland Ave. Glendale 5	Cal
Baxter Electric Co. Systems Sales, 2-3-4-5-6-7-8	Box 761, Highland	Ill
Bay-Tronic Co., 2-3-4-5-6-7-8	39-43 Evergreen St. Bayonne	NJ
Bell Aerospace Corp., 2	Box 1, Buffalo 5	NY
Benrus Watch Co. Inc., 1-2	30 Cherry Ave. Waterbury	Conn
Berger Labs., Inc., 2-3	60 Spruce St, Paterson 1	NJ
Beva Electronics Inc., 1-5	185 4th St. Trenton 8	NJ
Bogue Electric Mfg. Co	52 Iowa Ave, Paterson 3	NJ
Booth Co., Arthur E., 3	265 S Alexandria Ave. Los Angeles	Cal
Brach Mfg. Corp., 1-2-3-9	200 Central Ave. Newark	NJ
BRACKE-SEIB X-RAY CO. INC., 1, Adv Pg 544	**16 Pelham Bay Pk. W, Pelham Manor**	**NY**
Buck Engineering Co., Inc., 3-4	43 Mercy St, Freehold	NJ
Building Blocks Electronics Co., 2-5-6-7	2172 E 39th St. Brooklyn 34	NY
Burmac Electronics Co., Inc., 1-2-3-4-5-6-7-8	142 S. Long Beach, Rockville Center	NY
Bytrex Corp., 3	50 Hunt St. Newton	Mass
CTS of Canada Ltd., 2-3-4-5-6-7	80 Thomas St. Streetsville	Ont
Calibration Standards Corp., 3	1025 Westminster Ave. Alhambra	Cal
California Magnetic Control Corp., 1-2-4-5-6-7-8-9	11922 Valerio St, North Hollywood	Cal
Calmag Div. Calif. Magnetic Con. Corp., 1-2-3-4-5-6-7-8	11922 Valerio St. N Hollywood	Cal
Campbell Co. Inc., Colin, 1-2-3-4-5-6-7-8	Miry Brook Rd. Danbury	Conn
Canadian Research Institute, 1-2-3-4-5-6-7-8-9	85 Curlew Dr. Don Mills	Ont
Carad Corp., 1-2-3-5-7-8	3381 Junipero Serra Blvd. Palo Alto	Cal
Carol Electronics Corp., 2	315 W. Stephens St, Martinsburg	W Va
Carruthers & Fernandez, Inc., 2-4-5-7-8-9	1501 Colorado Ave, Santa Monica	Cal
CELCO CONSTANTINE ENGRG LABS CO., 2-3-4-5-6-8, Adv Pg 45	**Box 555, Mahwah**	**NJ**
Central Dynamics Ltd., 2	147 Hymus Blvd. Pte. Claire, Que	Can
Central Transformer Co., 1	900 W Jackson Blvd. Chicago	Ill
CHICAGO CONDENSER CORP., 1, Adv Pg 542	**3255 W Armitage Ave. Chicago 47**	**Ill**
CHRISTIE ELECTRIC CORP., 2-3-4, Adv Pg 146	**3410 W 67 St. Los Angeles 43**	**Cal**
Clegg Laboratories, 1-3-5-7	Rt. 53, Mt. Tabor	NJ
Coil Co. of America Inc., 2-4-3-5-6-7-8	220 Washington St. Northvale	NJ
Command Systems Inc., 1-2-3-4-9	1135 N Stanford Ave. Los Angeles 59	Cal
Computer Engineering Associates, 3	350 N Halstead, Pasadena	Cal
Consolidated Airborne Systems, 5-9	900 3rd Ave. New Hyde Park	NY
Consolidated Avionics Corp., 2-3-4-9	800 Shames Dr. Westbury	NY
Consolidated Electrodynamics Corp., 3	360 N Sierra Madre Villa, Pasadena	Cal
Continental Electronics Mfg Co. See Ling-Temco Electronics, Inc., 1-5-6	4212 S Buckner Blvd. Dallas 27	Tex
Continental X-Ray Corp., 1	1536 N Clybourn, Chicago 10	Ill
Cornwell Electronics Corp., 2-4-5-6-7-8	84 S Water St. Byram	Conn
CUBIC CORP., 1, Adv Pgs 329, 330	**5575 Kearny Villa Rd. San Diego 11**	**Cal**
Dage Div Thompson Ramo Wooldridge, Inc., 5	Michigan City	Ind
DAVEN CO., 1-2-3-4-5-6-7-8-9, Adv Pg 187	**Rt. 10, Livingston**	**NJ**
DAVENPORT MFG. DIV.-DUNCAN ELEC. CO., 1-2-3-4-5-6-7-8-9, Adv Pg 451	**2530-32 N Elston Ave. Chicago 47**	**Ill**
Deeco Instruments, 2-4	14737 Arminta St. Van Nuys	Cal
DEL ELECTRONICS CORP., 1-2-5-6-7-8, Adv Pg 421	**521 Homestead, Mt Vernon**	**NY**
Deltex Electronic Div. Delta Explor. Co. Inc., 1-2-4-5-6	Drawer 2666, Jackson	Miss
Deltron, Inc., 1-2-3-4	4th & Cambria, Philadelphia 33	Pa
DIETZ DESIGN, INC., 2-3-4-5-6-8, Adv Pg 226	**Grandview 6**	**Mo**
Digital Equipment Corp., 2-3-9	Maynard	Mass
Djeco, Div., Djordjevic Engrg Co., 1-2-3-4-5-6-7-8-9	1933 N. Cornell, Chicago 47	Ill
DORSETT ELECTRONICS, INC., 2-5-6-8, Adv Pg 299	**Box 862, Norman**	**Okla**
DOUGLAS MICROWAVE CO. INC., 1, Adv Pg 235	**252 E 3rd St. Mt Vernon**	**NY**
Douglas Radio Lab., 3-5	176 Norfolk Ave. Boston 19	Mass
Dresser-Barnes Corp., 2-3-4-5-6-7-8	250 N Vinedo Ave. Pasadena 8	Cal
Dresser Electric Co., 3	2705 Wight St, Detroit 7	Mich
Dresser Electronics, HST Div., 1-2-4-5-6-7-8-9	555 N 5th St. Garland	Tex
Dynamic Controls Co., 2-3-4	2225 Massachusetts Ave. Cambridge	Mass
Dynamics Instrumentation Co., 2-3	583 Monterey Pass Rd. Monterey Park	Cal
EIR Corp., 2-9	5177 Overland Ave, Culver City	Cal
EMP Electronics Research Labs. Inc., 2-4-5-6-7-8	3131 N 29th Ave. Phoenix	Ariz
E P Electric Products Co. Ltd., 1-2-3-4-5-6-7-8	9727 Lavall, St. Montreal 12	Can
ERA Pacific, Inc., 1-2-3-4-5-6-7-8-9	1760 Stanford St. Santa Monica	Cal
Elasco, Inc., 2-3-4-5-6-9	5 Prescott St, Roxbury 19	Mass
Elcor Inc., 1-2-3-4-5-6-7-8-9	1225 W Broad St. Falls Church	Va
Electran Mfg. Co., 6	1909 N. Clybourn, Chicago	Ill
Electro Products Labs, Inc. Power Supply Div., 2-3-4	4501 N. Ravenswood, Chicago 40	Ill
Electro-Seal Corp., 3-4	946 North Ave. Des Plaines	Ill
Electrodynamic Instrument Corp., 2-3	1841 Old Spanish Trail, Houston 25	Tex
Electronic Development Corp., 2-3-9	423 W. Broadway, Boston 27	Mass
Electronic Measurements Co. Inc., 2-5-7	Lewis St. & Maple Ave. Eatontown	NJ
Electronic Production & Development, Inc., 2-3-4	501 N Prairie Ave. Hawthorne	Cal
Electronic Research Assoc, Inc., 1-2-3-4-5-6-7-8-9	67 Factory Pl, Cedar Grove	NJ
ELECTROSPACE CORP., 2-3-4, Adv Pg 378	**99 E Hawthorne Ave. Valley Stream**	**NY**
Elomag s.p.r.l., 2-4	2 Av. Wellington, Brussels 18	Belg
Engineer-Design & Development Co., 2-3-4	60 Pennington St. Newark 2	NJ
ENGINEERED ELECTRONICS CO., 2, Adv Pg 326	**1441 E Chestnut Ave. Santa Ana**	**Cal**
Engineered Magnetics Div., Gulton, 1-2-3-4-5-6-7-8-9	13041 Cerise Ave, Hawthorne	Cal
Epsco Inc. Components Div., 2-4-9	275 Massachusetts Ave. Cambridge 39	Mass
Epsco Inc. Instruments Div., 3-9	275 Massachusetts Ave. Cambridge 39	Mass
FXR INC., 1-5-6-7, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Ferranti Electric Inc., 1	Industrial Park #1, Plainview	NY
Ferrotran Electronic Co. Inc., 1-2-3-4-5-6-7-8-9	693 Broadway, New York 12	NY
Fidelity Amplifier Co., 4	162 N Halsted St. Chicago 14	Ill
FILM CAPACITORS, INC., 1-6-7-8, Adv Pg 447	**3400 Park Ave. New York 56**	**NY**
Fluke Mfg Co. Inc., John, 1-3-5-7-8-9	Mountlake Terrace	Wash
Foto-Video Electronics Inc., 3-5-7-8	36 Commerce Rd. Cedar Grove	NJ
Franklin Systems, Inc., 2-3	Box 3250, W Palm Beach	Fla
FREED TRANSFORMER CO. INC., 2-3-6, Adv Pg 524	**1736 Weirfield St. Brooklyn 27**	**NY**
GATES ELECTRONIC CO., 2-3-4-6-7-9, Adv Pg 424	**2243 White Plains Rd. Bronx 67**	**NY**
GENERAL DEVICES INC., 2, Adv Pg 518	**Box 253, Princeton**	**NJ**
General Dynamics/Electronics, Info Tech Div., 1	1895 Hancock St. San Diego 12	Cal
GENERAL ELECTRIC CO. APPARATUS SALES, 1-2-3-4-5-6-7-8-9, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
General Electronic Control, Inc., 1	6001 Bloomington Frwy. Mnpls 20	Minn
GENERAL MAGNETICS, INC., 2-4, Adv Pg 543	**Dept 8, 2641 Louisiana Ave. Mnpls 26**	**Minn**
General Nuclear Corp., 2-3-4-5-6-7-8-9	550 5th Ave. New York 23	NY
General Vacuum Corp., 1	81 Hicks Ave. Medford 55	Mass
Gibbs Mfg. & Research Corp., 3	454 N Main St. Janesville	Wis
Glentronics, Inc., 1-2-3-4-5-6-7-8-9	857 E. Alosta Ave, Glendora	Cal
Gow-Mac Instrument Co., 3	100 Kings Rd. Madison	NJ
Granger Associates, 1-2-3-4-5-7	974 Commercial St. Palo Alto	Cal
Green Rectifier Co., 1-2-3-4-5-6-7-8	1-10 18th St, Fair Lawn	NJ
Gulton Industries, Inc., 2-3-4-5-6-8	212 Durham Ave. Metuchen	NJ
Gyra Electronics Corp., 1-2-5-7-9	Box 184, La Grange	Ill
Hagan Chemicals & Controls, Inc., 2-3	Hagan Center, Pittsburgh 30	Pa
Halex Inc., 1	310 E Imperial Hwy. El Segundo	Cal
Hanover Electronics Co., Inc., 1-3	P. O. Box 531, Princeton	NJ
HARRISON LABORATORIES INC., 1-2-3-5-7-8-9, Adv Pgs 184, 185	**45 Industrial Rd. Berkeley Heights**	**NJ**
Harvey Wells Corp., 2-3-4-7-9	Box 189, Framingham	Mass
Hesco Engineering Co., 2	322 E. Beach Ave, Inglewood 3	Cal
Hevi-Duty Electric Co Div Basic Products Corp, 2	304 Hart St. Watertown	Wis
HEWLETT-PACKARD CO., 1-2-3-5-7, Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
High Voltage Engineering Corp., 1	Burlington	Mass
Hill Research Co., 1-5-6-7	49 Buckeye Ave, Oakland 13	Cal
Hurletron Inc. Elec Eye Equip Div., 3	1935 E Fairchild, Danville	Ill
H-L-S Instrument Div., Mercer Instrument Co., 3-5	4525 W. 160th St, Cleveland 35	Ohio
Indikon Co. Inc., 2-3	76 Coolidge Hill Rd. Watertown 72	Mass
Intercontinental Electronics Corp., 2-3-4-5-6-7-8	300 Shames Dr. Westbury 29	NY
INTERELECTRONICS CORP., 1-2-3-4-5-6-7-8, Adv Pg 521	**2432 Grand Concourse, New York 58**	**NY**
International Research Associates, 2-5-8	2221 Warwick Ave. Santa Monica	Cal
Intl. Tel. & Tel. Corp. Ind. Prods. Div., 1-2-4-5-6-7-8-9	15191 Bledsoe St. San Fernando	Cal
Invar Electronics Corp., 2-3-4-5-6-7-8-9	1723 Cloverfield Blvd. Santa Monica	Cal
Isotope Developments Ltd., 1	East Rd Beenham, Reading, Berks	Eng
Jackson Electrical Instrument Co., 6-7	124 McDonough St. Dayton 2	Ohio
Jerrold Electronics Corp., 5	15th & Lehigh, Philadelphia 32	Pa
Johnson Electronics Inc., 1-2-4	Box 1675, Casselberry	Fla
Jordan Electronics Div. Victoreen Ins. Co., 2-3-4-5-8	121 S Palm Ave. Alhambra	Cal
Joy Mfg. Co., 2-3	Dept. 39, Oliver Bldg. Pittsburgh 22	Pa
Kalpa Scientific Labs., 1-6	Box 172, Flemington	NJ
Kauke & Co. Inc., 3	1632 Euclid St. Santa Monica	Cal
Keithley Instruments, Inc., 1-3-5-7-9	12415 Euclid Ave. Cleveland 6	Ohio
KEPCO, INC., 1-2-3-4-5-6-7-8-9, Adv Pg 93-96	**131-38 Sanford Ave. Flushing 55**	**NY**
KILOVOLT CORPORATION, Adv Pg 379	**238E High St. Hackensack**	**NJ**
KIN TEL DIV. COHU ELECTRONICS, 1-3, Adv Pgs 244, 245, 247	**5725 Kearny Villa Rd. San Diego 12**	**Cal**
Kingston Electronics, Div., King Ind., Inc., 7	Medfield	Mass
Krohn-Hite Corp., 2-3-5-7-8	580 Massachusetts Ave. Cambridge 39	Mass
Kupfrian Mfg Co., 2-4	388 State St. Binghamton	NY
Kurz & Root Co., 2-4-5-6-7-8	Appleton	Wisc
LAMBDA ELECTRONICS CORP., 1-2-3-5-7-8-9, Adv Pgs 71-76	**515 Broad Hollow Rd. Huntington**	**NY**
Landsverk Electrometer Co., 3	641 Sonora Ave. Glendale 1	Cal
Leach Corp., 2-3-4	18435 Susana Rd, Compton	Cal
Lee Electric & Mfg. Co., 1-2-3-4-5-6-7	2806 Clearwater St, Los Angeles 39	Cal
Lucas - Rotax Ltd., 4	Box 115, Stn H, Toronto 13	Ont
Lumen, Inc., 1-2-3-4-8-9	Box 905, Joliet	Ill
MACARR INC., 2-3-4, Adv Pg 502	**4360 Bullard Ave, Bronx**	**NY**
Magnalectric Corp., 1-2-3-4-5-6-7-8	Box 6330, Tulsa	Okla
MAGNETIC AMPLIFIERS DIV. SIEGLER CORP., 2-4-6, Adv Pg 295	**632 Tinton Ave. New York 55**	**NY**
Magnetic Circuit Elements, Inc., 2-4	3722 Park Pl. Montrose	Cal
MAGNETIC CONTROLS CO., 2-9 Adv Pg 47	**6329 Cambridge St. Minneapolis 16**	**Minn**
Mar-Cone Corp., 2-3	51 Kenneth St. Newton Highlands 61	Mass
Matthews Labs., 1-2-3-4-5-6-7-8	4 Brewster Ave. Yonkers	NY
Mallory Electronics Div., 1-2-3	3029 E Washington Ave. Indianapolis	Ind
Meaker Co., 2-3-4-5-6-7-8	75 River Rd. Nutley	NJ
MENLO PARK ENGINEERING, 1, Adv Pg 413	**711 Hamilton Ave. Menlo Park**	**Cal**
Meterlog Corp., 2-3-4-5-6-7-8-9	169 N. Halstead St. Pasadena	Cal
Microcell Electronics, 1-2-3-4	Blackwater, Nr. Camberley, Surrey	Eng
Microdot, Inc., 1-3	220 Pasadena Ave. South Pasadena	Cal
Microwave Components, Inc., 1	Doylestown	Pa
Microwave Dynamics Corp., 1-5-7	5 Fairchild Ct. Plainview	NY
Mid-Eastern Electronics, Inc., 2-3-4-5-6-7-8-9	32 Commerce St, Springfield	NJ
Millen Mfg. Co., James, 3-6	150 Exchange St. Malden	Mass
Model Rectifier Corp., 2-3-4	1675 Utica Ave, Brooklyn 34	NY
Modern Industries, Inc., 2-3-4-5-6-7-8	6766 Conville Ave, Culver City	Cal

MOLONEY ELECTRIC CO., 1-5-6-8, Adv Pgs 110, 111	5390 Bircher Blvd. St. Louis 20	Mo
Moran Instrument Corp., 1	170 E. Orange Grove Ave, Pasadena 3	Cal
Motoresearch Co., 2-3	1415-16th St. Racine	Wis
Moulic Specialties Co., 5-7	1007 W. Washington St. Bloomington	Ill
Mullard Equipment, Ltd., 2-3-4	Torrington Pl. London WC 1	Eng
Multi-Amp Electronic Corp., 3	61 E Myrtle St. Cranford	NJ
N-E Corp., 1-2-3-4	25 Boright Ave. Kenilworth	NJ
NAVIGATION COMPUTER CORP., 2, Adv Pg 511	Valley Forge Ind Park, Norristown	Pa
Neff Instrument Corp., 3	1088 E Hamilton Rd. Duarte	Cal
Nelson Instrument Co., 4-5-6-7	Box 68, Spring Valley	Ill
[illegible] Instruments Inc., 1-2-3-9	638 W 17th St. Costa Mesa	Cal
Network Designs Inc., 2-4-9	38 E 57th St. New York 22	NY
Network Industries Inc., 1-2-3-5-6-7	210-216 Orient St. Bayonne	NJ
Neutronic Associates Inc., 1	32 Tennessee Ave. Hempstead	NY
Newport Scientific Co., 1-2-3-9	638 W 17th St. Costa Mesa	Cal
North Electric Co.	553 S Market St. Galion	Ohio
NORTH HILLS ELECTRONICS INC., 1-2-3-9, Adv Pg 585	Glen Cove	NY
Northeast Scientific Corp., 1-3-5-7	30 Wetherbee St. Acton	Mass
OPAD ELECTRIC CO., 1-2-3-4-5-6-7-8, Adv Pg 488	43-5 Walker St. New York 13	NY
Oregon Electronic Mfg. Co., 2-3-4-5-6-7	2105 SE 6th Ave. Portland	Ore
Orion Electronic Corp., 1-2-3-4-5-6-7-8-9	108 Columbus Ave. Tuckahoe	NY
ORTHO FILTER CORP., 2-3-4-5-6-7-8-9, Adv Pg 286	7 Paterson St. Paterson 1	NJ
OXITRON CORP., 1-2-3-4-9, Adv Pg 560	42-62 Johnes St. Newburgh	NY
OWEN LABORATORIES INC., 9, Adv Pg 558	55 Beacon Pl. Pasadena	Cal
PRD ELECTRONICS INC., 1, Adv. Pgs. 113-116	202 Tillary St. Brooklyn 1	NY
P. R. L. Electronics Inc., 1-2-3-4-5-6-7-8-9	232 Westcott Dr. Rahway	NJ
Pacific Automation Products, Inc., 2-3-4-5-6-7-9	1200 Air Way, Glendale 1	Cal
Pacific Magnetic Corp., 2	Electronic Center, Romoland	Cal
Pacific Mercury Electronics, 2-3-5	8345 Hayvenhurst Ave, Sepulveda	Cal
Palo Alto Engineering Co., 2-3-4-9	620 Page Mill Rd. Palo Alto	Cal
Parks Lab., Henry F., 2-3-4	Box 1665, Lake City Sta, Seattle	Wash
Pennsylvania Testing Lab., Inc., 1	Doylestown	Pa
Performance Measurements Co., 2-3-9	15120 Third Ave. Detroit 3	Mich
Perkin Electronics Corp., 1-2-3-4	345 Kansas St. El Segundo	Cal
Peschel Electronics, Inc., 1-6-7-8	Rt. 216, Towners, Patterson	NY
PHILBRICK RESEARCHES INC., GEORGE A., 2-3-5-9, Adv Pg 164	127 Clarendon St. Boston 16	Mass
Philco Corp. Govt & Ind Div., 1-2-3	4700 Wissahickon Ave. Phila 44	Pa
Phillips Electronics Mfg Co., 1-2-3-4-5-6-7-8	119 Allen Blvd. Farmingdale	NY
Pintsch Bamag AG, 1-3	Postfach 11, Butzbach, Germany	
Plastic Capacitors, Inc., 1-2-3-6-7-8-9	2620 N Clybourn Ave. Chicago 14	Ill
Plug-In Instruments, Inc., 2-3-4	1416 Lebanon Rd. Nashville 10	Tenn
POLARAD ELECTRONICS CORP., 1, Adv Pg 269-272	43-20 34 St, Long Island City 1	NY
Potter Co., The, 1	1950 Sheridan Rd. North Chicago	Ill
POWER DESIGNS INC., 1-2-3-4-5-6-7-8-9, Adv Pgs 370, 371	1700 Shames Dr. Westbury	NY
Power Equipment Co., 2-3-4-5-6-7-8-9	Portland Way N, Galion	Ohio
Power Instruments Corp., 1-2-3-4-5-6-7-8-9	235 Oregon St. El Segundo	Cal
Power Sources, Inc., 1-2-3-4-5-6-7-8-9	1007 Olive St, Highland	Ill
Power - Tronic Systems, Inc., 2-3-4-5-6-7-8-9	10-12 Pine Ct. New Rochelle	NY
PRECISE MEASUREMENTS CO., 1-5-6-7, Adv Pg 322	R.D.1, Millbrooks Rd. Flemington	NJ
Precision Apparatus Co., Inc., 4	70-31 84 St, Glendale 27	NY
Precision Electronics, 1-3-4-6-7-8	477 Plain St. Marshfield	Mass
Prototype Transformer Corp., 1-6	1 Henry St. Bloomfield	NJ
Quan-Tech Labs, Inc., 2-3-9	60 Parsippany Blvd. Boonton	NJ
R S ELECTRONICS CORP., 2-3-4-5-6-7-8, Adv Pg 305	Box 11368, Sta A, Palo Alto	Cal
Radiation at Stanford, 1-5	3180 Hanover St. Palo Alto	Cal
Radiation Counter Labs., Inc., 1	5121 W. Grove St, Skokie	Ill
Radiation Dynamics, Inc., 1	1800 Shames Dr. Westbury	NY
Radio Dev. & Research Corp., 1-2-3-4-5-6-7-8-9	100 Penna. Ave. Paterson 3	NJ
Radio Engineering Labs. Inc., 1-5	29-01 Borden Ave. Long Island City 1	NY
Ram Electronics, Inc., 2-3-4	600 Industrial Ave. Paramus	NJ
Ramage & Miller Inc., 1-7	150 S 2nd St. Richmond	Cal
Ramsey Mfg Co., 7-6	1779 N Main St. Los Angeles 31	Cal
Rank Cintel Ltd., 1	Worsley Bridge Rd, London S.E. 26, England	
Rapid Electric Co., 3	2881 Middletown Rd, Bronx 61	NY
Ratelco, 2-3-4	820 Minor Ave. N, Seattle	Wash
RAYTHEON CO. COMMER APPAR & SYSTEMS DIV., 2-3-4, Adv Pg 41	225 Crescent St. Waltham 54	Mass
Ready-Power Co.	11231 Freud Ave. Detroit 14	Mich
RECTICO INC., 3-4-6-7, Adv Pg 549	20 Factory St. Cedar Grove	NJ
REFLECTONE ELECTRONICS, INC., 2-3-4-5-6-7-8 Adv Pg 548	W Main & Myano La. Stamford	Conn
Regulators, Inc., 2-4	455 W Main St. Wyckoff	NJ
Research Industrial Labs of Electronics, 1	Roslyn	Pa
Rho Engineering Co., 2-3-4-5-6-8	2242 Sepulveda Blvd. Los Angeles 64	Cal
RIBET DESJARDINS, 3-5-7, Adv Pgs 229-232	13-17 Rue Perier, Montrouge Seine	Fr
Richardson-Allen Corp., 2-3-4-5-6	116-15 15th Ave, College Point	NY
RIXON ELECTRONICS INC., 2-3-4-5-6-7-8, Adv Pg 412	2414 Reedie Dr. Silver Spring	Md
Rodale Electronics, 2-3-4	562 Grand Blvd. Westbury	NY
Rotek Instrument Corp., 3-9	733 Concord Ave. Cambridge 38	Mass
Sargent Electric Co., 1-2-3-4	1201 N. 11 St, Springfield	Ill
Schauer Mfg. Corp., 2-3-4-5-6	4521 Alpine Ave. Cincinnati 42	Ohio
Scientific Electric Inc., 1-2-5-6-7	105-119 Monroe St. Garfield	NJ
Seco Electronics Inc., 3	5015 Penn Ave. S, Minneapolis 19	Minn
Servodyne Corp., 1	74 Lawley St. Boston 22	Mass
Servomechanisms, Inc., 1-2-3-4-5-6-7-8-9	200 N Aviation Blvd. El Segundo	Cal
Servotest Controls Ltd., 2-3-5-7	Crowborough, Sussex	Eng
Servo-Tek Products Co., Inc., 2-3-9	1086 Goffle Rd, Hawthorne	NJ
Shaw Electric Inc., 3-4-6-7	45 Sea Cliff Ave. Glen Cove	NY
Slaughter Co., 1	Piqua 9	Ohio
Smith-Florence, Inc., 1-2-3-4-5-7-8-9	4228 23rd W., Seattle	Wash
SOLA ELECTRIC CO., 2-3-9, Adv Pgs 189-192	4633 W 16th St. Chicago 50	Ill
Solartron, Inc., 1-2-3-9	1742 S. Zeyn St, Anaheim	Cal
SONEX INC., 2, Adv Pg 530	20 E Herman St. Philadelphia 44	Pa
SORENSEN & CO. INC., 1-2-3-4-5-6-7-8-9, Adv Pg [illegible]	Richards Ave. Norwalk	Conn
Sorter Corp., 1-2-3-4-5-6-7-8-9	24[illegible] E Ganson St. Jackson	Mich
SPECIFIC PRODUCTS, 6-7, Adv Pg 556	Box 425, Woodland Hills	Cal
Spectromagnetic Industries, 1-2-3	25393 Huntwood Ave. Hayward	Cal
Spec-Tronics, 2-3-4	13942 Saticoy Ave, Van Nuys	Cal
SPELLMAN HIGH VOLTAGE CO., 1-2-4-5-6-7-8, Adv Pgs 176, 177	1930 Adee Ave. Bronx 69	NY
Sprague Engineering Corp., 2-3-4	19300 S. Vermont Ave, Gardena	Cal
STANCOR ELECTRONICS INC., 2, Adv Pg 503	3501 W Addison St. Chicago 18	Ill
Standard Tel. & Cables Ltd., 1-2-3-4-5-6-7-8	29 Glasshouse Yard, London	Eng
Straza Industries, 2-3-4-9	790 Greenfield Dr. El Cajon	Cal
Superior Electric Co., The, 3-7	383 Middle St. Bristol	Conn
T. T. Electronics Inc., 2-3-4	Box 180, Culver City	Cal
Tarc Electronics Div. Gotham Bcstg Corp., 2-4-5-6-7	48 Urban Ave. Westbury	NY
TECHNICAL APPARATUS BUILDERS, 2-3-4-5-6-7, Adv Pg 529	109 Liberty St. New York 6	NY
Technical Measurement Corp., 1	441 Washington Ave, North Haven	Conn
TECHNIPOWER INC., 2-3-9 Adv Pg 532	18 Marshall St. South Norwalk	Conn
Tektronix Inc., 3	Box 500, Beaverton	Ore
Telechrome Mfg Corp., 1-2-3-4-5-6	185 Dixon Ave. Amityville	NY
Television Utilities Corp. Div. Nord, 5	300 Denton Ave. New Hyde Park	NY
Telex, 2	Telex Park, St Paul 1	Minn
Tel-Instrument Electronics Corp., 1	728 Garden St. Carlstadt	NJ
Teltronics Inc., 2-3-4	277 Main St. Nashua	NH
Ten Bosch, Inc., M., 2-3-4	80 Wheeler Ave, Pleasantville	NY
Tenney Engineering Inc., 3-8	1090 Springfield Rd. Union	NJ
TORVICO ELECTRONICS INC., 2-3-4-5-6-7-8, Adv Pgs 491, 492	Route 70, Lakewood	NJ
TRANS ELECTRONICS INC., 1-2-3-4-5-6-7-8-9, Adv Pg 12	7349 Canoga Ave. Canoga Park	Cal
Transformer Specialty Co., 2-3-4	1400 Mill Creek Rd. Glandwyne	Pa
Transister Devices Inc., 2-3-4-5-6-7-8-9	40 Factory St. Cedar Grove	NJ
Transval Electronics Corp., 1-2-3-4-9	2030 Maple Ave, El Segundo	Cal
TRENTON TRANSFORMER CORP., 1-5-6, Adv Pg 47	Box 5688, Trenton	NJ
TRIO LABORATORIES INC., 3, Adv Pg 66	Plainview	NY
Trott Electronics, Inc., 2-3-4-5-6-7-8-9	412 Smith St. Rochester 8	NY
Trygon Electronics Inc., 1-2-3-4-5-6-7-8-9	111 Pleasant Ave. Roosevelt	NY
TUNG-SOL ELECTRIC INC., 3-4, Adv Pgs 158, 159	1 Summer Ave. Newark 4	NJ
Ultek Corp., 1	920 Commercial St. Palo Alto	Cal
United Control Corp., 4-9	Overlake Ind Pk. Box 3104, Seattle	Wash
UNIVERSAL ELECTRONICS CO., 2-3-4-5-6-7-8, Adv Pg 536	1720 22nd St. Santa Monica	Cal
Universal Transistor Products Corp., 1-2-3-4-5-6	36 Sylvester St. Westbury	NY
Valor Instruments, Inc., 2-3-4-9	13214 Crenshaw Blvd. Gardena	Cal
Vapor Heating Corp., 3-9	80 E Jackson Blvd. Chicago 4	Ill
VARO, INC., 1-2-3-4-5-6-7-8-9 Adv Pg 118	2201 Walnut St. Garland	Tex
VecTrol Engineering Inc., 2-3-5	Box 1089, Stamford	Conn
Venner Electronics Ltd., 2	Kingston By-Pass, New Malden, England	
Vibration Research Labs. Inc., 1-2-3-4-5-6-7	58 Marbledale Rd. Tuckahoe	NY
Vickers Inc. Electric Products Div., 1-2	1899 Locust St. St Louis 3	Mo
Victory Electronics, Inc., 2-3-5-7-8	50 Bond St. Westbury	NY
Video Instruments Co., Inc., 2-3	3002 Penna. Ave, Santa Monica	Cal
Viking Industries, Inc., 2-3-9	21343 Roscoe Blvd. Canoga Park	Cal
Vinco Electronics Corp., 1-2-3-4-5-6-7	65 Wallace St. New Haven 11	Conn
Vue-Tronics Inc, Div Prescott Television Co., 5	7706 Melrose Ave. Los Angeles 46	Cal
Walden Electronics Co., 2-3-9	1 Park Ave. Ext, Arlington 74	Mass
WALLSON ASSOCIATES INC., 1-2-3-4-5-6-7-8-9, Adv Pg 209	912 Westfield Ave. Elizabeth	NJ
Wang Laboratories, Inc., 3-4	12 Huron Dr. Natick	Mass
Warren Mfg. Co., Inc., 2	Newtown Rd, Littleton	Mass
Watkins-Johnson Co., 1	3333 Hillview Ave. Palo Alto	Cal
WEINSCHEL ENGINEERING CO., INC., 1 Adv Pg 51-54, 55	10503 Metropolitan ave, Kensington	Md
Wells Electronics Co., 2-3-4	1701 S Main St. South Bend 23	Ind
Weltronic Co., 2-3	19500 W 8 Mile Rd. Southfield	Mich
Westinghouse-Distribution Transformer Dept., 1	Sharon	Pa
WHEELER ELECTRONIC CORP. SUB. SPERRY RAND CORP., 2-4-5-6-7-8, Adv Pg 490	150 E Aurora St. Waterbury 20	Conn
Wickes Eng. & Const. Co., 2-3-4-5-6-8-9	12th St. & Ferry Ave. Camden 4	NJ
Wender Aircraft Corp., 3-4	Dunnellon Air Base, Dunnellon	Fla

PREAMPLIFIERS – A-F See AMPLIFIERS – A-F, *PREAMPLIFIERS*
PREAMPLIFIERS –*COMMUNICATION RECEIVERS* See AMPLIFIERS – R-F
PREAMPLIFIERS –*OSCILLOSCOPE* See AMPLIFIERS – R-F
PREAMPLIFIERS –*STEREO* See AMPLIFIERS – A-F, *STEREO*
PREAMPLIFYING SATURABLE REACTORS See REACTORS –*SATURABLE*

PRECIPITATORS –*DUST & SMOKE, ELECTRONIC* See *Also* CLEANERS – *AIR*

Audivox, Inc	123 Worcester St. Boston	Mass
Cambridge Filter Corp	738 E. Erie Blvd, Syracuse 1	NY
Radex Corp	2076 N. Elston Ave, Chicago 14	Ill
SPELLMAN HIGH VOLTAGE CO., Adv Pgs 176, 177	1930 Adee Ave. Bronx 69	NY

PRECISION CASTINGS See CASTINGS
PRECISION-MATCHED TRANSFORMERS See TRANSFORMERS –*IRON-CORE, SPECIAL*
PRECISION VOLTAGE-DIVIDING TRANSFORMERS See TRANSFORMERS – *IRON-CORE, SPECIAL*

PREFORMS

1. ALLOYS *2. ALUMINIUM* *3. BRAZING* *4. GOLD* *5. SILVER* *6. LEAD*

See *Also* SOLDER

Accurate Specialties Co. Inc., 1-2-3-4-5-6	345 Lodi St. Hackensack	NJ
All-State Welding Alloys Co. Inc., 3-5	249 Ferris Ave. White Plains	NY
Alloys Unlimited Inc., 1-2-3-4-5-6	21-01 43rd Ave. Long Island City 1	NY
Alpha Metals, Inc., 1-2-3-4-5-6	600 Water St. Jersey City	NJ
Anchor Metal Co., 1-2-3-4-5-6	966 Meeker Ave. Brooklyn 22	NY
ART WIRE & STAMPING CO., 1-2-3-4-5-6, Adv Pg 409	227 High St. Newark 2	NJ
Belmont Smelting & Refining Works, 1-6	302 Belmont Ave. Brooklyn 7	NY
Brainin Corp., C. S., 1-3-4-5	322 Washington St. Mt. Vernon	NY
COHN CORP., SIGMUND, 4, Adv Pg 519	121 S Columbus Ave. Mt. Vernon	NY
Cominco Products Inc., 1-2-3-5-6	933 W 3rd Ave. Spokane	Wash
Composite Industrial Metals Inc., 1-2-3-4-5-6	235 Georgia Ave. Providence 5	RI
Cooper & Sons Inc., Joseph B., 2-4-5	180 Varick St. New York 14	NY
Delavald Co., Inc., 1-2-3-5	11 Bertel Ave, Mt. Vernon	NY
Division Lead Co., 6	7747 W 61st Pl, Summit	Ill
Engineering Science Div Amer Metal Prdt Co., 1	2901 S State St. Ann Arbor	Mich
GENERAL FINDINGS INC. INDUSTRIAL DIV., 1-3-4-5, Adv Pgs 538, 539	55 School St. Attleboro	Mass
HANDY & HARMAN, 3-4-5, Adv Pg 213	850 3rd Ave. New York 22	NY
Johnson Matthey & Mallory Ltd., 4-5	110 Industry St. Toronto 15	Ont
LUCAS MILHAUPT ENGINEERING CO., 1-2-3-4-5, Adv Pg 426	5075 S Lake Dr. Cudahy	Wisc
Marsal Ceramics Co., 3	140 Little St. Belleville	NJ
NATIONAL LEAD CO., 1-3-6, Adv Pg 557	111 Broadway, New York 6	NY
Staver Co. Inc., 2-4-5-6	41 N Saxon Ave. Bay Shore	NY
Sylvania Electric Products Inc. Parts Div., 1-2-3-4-5-6	12 2nd Ave. Warren	Pa
Tricon Mfg Co., 1-2-3-4-5-6	8012 S Wallace St. Chicago 20	Ill
United Wire & Supply Corp., 3	1497 Elmwood Ave. Providence 7	RI
Western Gold & Platinum Co. Sub. Wilbur B. Driver Co., 1-3-4-5	525 Harbor Blvd. Belmont	Cal
WILKINSON CO., 1-4-5, Adv Pg 100	1660 9th St. Santa Monica	Cal
Williams Gold Refining Co., Inc., 1-4-5	2978 Main St. Buffalo 14	NY

PRESELECTORS

Meridian Metalcraft, Inc	8739 S. Millergrove Dr, Whittier	Cal
MICROLAB, Adv Pg 356	570 W Mt. Pleasant Ave. Livingston	NJ

PRESET COUNTERS See COUNTERS –*ELECTRONIC, PREDETERMINED*
PRESSES –*METAL-FORMING* See MACHINES –*METAL-FORMING*
PRESSURE CHAMBERS See CHAMBERS
PRESSURE CONTROLS See CONTROLS –*PRESSURE*
PRESSURE GAGES See TRANSDUCERS –*PRESSURE*
PRESSURE INDICATORS See INDICATORS –*PRESSURE*
PRESSURE RECORDERS See RECORDERS –*PRESSURE*
PRESSURE-SENSITIVE LABELS See LABELS
PRESSURE TRANSDUCERS See TRANSDUCERS

PRESSURIZATION UNITS –*AIRBORNE*

Burton Instruments, Div Burton Mfg	2520 Colorado Ave, Santa Monica	Cal
CHURCHILL LIGHTING CORP., Adv Pg 533	344 Franklin St. Melrose 76	Mass
Henry & Miller Industries, Inc	675 Garfield Ave, Jersey City 5	NJ
Laboratory For Electronics, Inc	1079 Commonwealth Ave. Boston 15	Mass
Wells Industries Corp	6880 Troost Ave. Hollywood	Cal

PRESSURIZING WINDOWS See WINDOWS –*PRESSURIZING*
PRINTED CABLES See CABLES –*FLAT*
PRINTED-CIRCUIT ASSEMBLY MACHINES See MACHINES –*ASSEMBLY*
PRINTED-CIRCUIT ASSEMBLY TESTERS See TESTERS –*PRINTED-CIRCUIT ASSEMBLY*
PRINTED CIRCUIT BOARD FRAMES See FRAMES – *MOUNTING*
PRINTED-CIRCUIT BOARD HOLDERS See FIXTURES –*HOLDING*
PRINTED-CIRCUIT BOARDS See LAMINATES –*COPPER-CLAD*
PRINTED CIRCUIT CAMERAS See CAMERAS –*PHOTOGRAPHIC*
PRINTED-CIRCUIT CHEMICALS See CHEMICALS –*PRINTED-CIRCUIT*
PRINTED-CIRCUIT CLEANERS See CHEMICALS –*PRINTED-CIRCUIT*
PRINTED-CIRCUIT CONNECTORS See CONNECTORS
PRINTED-CIRCUIT PAINTS See PAINTS –*PRINTED-CIRCUIT*
PRINTED-CIRCUIT PRODUCTION MACHINES See MACHINES –*PRINTED-CIRCUIT PRODUCTION*
PRINTED-CIRCUIT SCREENS See SCREENS
PRINTED WIRING See CIRCUITS –*PRINTED WIRING, CUSTOM SERVICE:* CABLES –*FLAT, PRINTED:* WIRING –*PRINTED*
PRINTED-CIRCUIT COMPONENTS See MODULES: See *Also LISTINGS FOR DESIRED COMPONENTS*

PRINTERS

1. DIGITAL
2. HIGH-SPEED
3. KEYBOARD (ELECTRIC TYPEWRITER MODIFIED FOR COMPUTER USE)
4. LINE

Addo-X, Inc., 1	300 Park Ave, New York 22	NY
Addressograph-Multigraph Corp. Electronics Div., 2-4	1200 Babbitt Rd. Cleveland 17	Ohio
Airtronics, Inc., 1-2	5522 Dorsey Ln, Washington 16	DC
American Electronics, Inc., Teller Corp. Div., 4	75 Front St, Brooklyn 1	NY
Anelex Corp., 1-2-4	150 Causeway St. Boston 14	Mass
Baranoff & Associates, A.J., 1	1214 Park Lane, Santa Ana	Cal
BECKMAN INSTRUMENTS INC. BERKELEY DIV., 1, Adv Pgs 162, 163	2200 Wright Ave. Richmond	Cal
Benson-Lehner Corp., 1-3	1860 Franklin, Santa Monica	Cal
Budd Electronics Inc., 1	43-22 Queen St. Long Island City	NY
Clary Corp., 1-2-4	408 Junipero St. San Gabriel	Cal
Computer-Measurements Co., 1	12970 Bradley Ave. Sylmar	Cal
Computing Devices of Can. Ltd., 1-2	Box 508, Ottawa, Ont	Can
Concord Control, Inc., 3	1282 Soldiers Field Rd, Boston 35	Mass
Data Equipment Co., 1-2-3-4	923 E. 3rd St, Los Angeles 13	Cal
Di/An Controls, Inc., 1-2-4	944 Dorchester Ave. Boston	Mass
Dimensions Inc., 3-4	7314 - 20th Ave. Brooklyn 4	NY
Electrada Corp., 1-2	11244 Playa St. Culver City	Cal
Electronic Associates Inc., 1-2	Long Branch	NJ
El-Tronics Inc., 1-2-3	20 S. 15th St, Philadelphia 2	Pa
Epsco-West, 1-2	240 E. Palais Rd, Anaheim	Cal
General Dynamics/Electronics, Info Tech Div., 1-2	1895 Hancock St. San Diego 12	Cal
General Radio Co., 1	West Concord	Conn
HEWLETT-PACKARD CO., 1, Adv Pgs 19-34	1501 Page Mill Rd. Palo Alto	Cal
IBM Federal Systems Div., 1-2-3	1120 Conn. Ave. Washington 6	DC
Invac Corp., 3	14 Huron Dr. Natick	Mass
LITTON INDUSTRIES, ELECTRON TUBE DIV., 2, Adv Pg 349	960 Industrial Rd. San Carlos	Cal
Matthews & Co. James H., 2-4	3821 Forbes Ave. Pittsburgh 13	Pa
Minn-Honeywell, Military Prods Gr., 1	2600 Ridgway Rd. Minneapolis 13	Minn
Monroe Calculating Machine, Co., Div., Litton Industries, 1	555 Mitchell St, Orange	NJ
Moran Instrument Corp., 1	170 E. Orange Grove Ave, Pasadena 3	Cal
NORTHEASTERN ENGINEERING INC., 1, Adv Pgs 289-292	P. O. Box 150, Manchester	NH
Nugent Electronics Co. Inc., 1	802 E 8th St. New Albany	Ind
OKI ELECTRIC INDUSTRY CO. LTD., 2-3-4, Adv Pg 257	10 Shiba Takahama-cho Minato-ku, Tokyo	Jap
Performance Measurements Co., 1	15120 3rd Ave. Detroit 3	Mich
Philco Corp. Govt & Ind Div., 1-2	4700 Wissahickon Ave. Phila 44	Pa
POTTER INSTRUMENT CO., INC., 1-2-4 Adv Pg 195	Sunnyside Blvd, Plainview	NY
Printoid Inc., 1-2-4	12-34 - 44th Ave. Long Island City 1	NY

Radiation Inc., 2 ... Melbourne ... Fla
Rescon Electronics Corp., 1-2 ... 151 Bear Hill Rd. Waltham 54 ... Mass
Shepard Labs Inc., 2-4 ... 480 Morris Ave. Summit ... NJ
Soroban Engineering, Inc., 1-3 ... P.O. Box 1717, Melbourne ... Fla
Systron-Donner Corp., 1 ... 950 Galindo St. Concord ... Cal
Techni-Rite Electronics, Inc., 2 ... 65 Centerville Rd. Warwick ... RI
Technitrol Engineering Co., 2 ... 1952 E Allegheny Ave. Phila. 34 ... Pa
TELautograph Corp., 2 ... 8700 Bellanca Ave. Los Angeles 45 ... Cal
TELE-DYNAMICS DIV. AMERICAN BOSCH ARMA CORP., 1-2, Adv Pgs 196, 197 ... 5000 Parkside Ave. Philadelphia 31 ... Pa
Teleregister Corp., 1-2 ... 445 Fairfield Ave. Stamford ... Conn
Teletype Corp., 4 ... 5555 W. Touhy Ave, Skokie ... Ill
TRANSISTOR SPECIALTIES, 1, Adv Pg 325 ... Terminal Dr. Plainview ... NY
Venner Electronics Ltd., 1 ... Kingston By-Pass, New Malden, England
Victor Adding Machine Co., 1-2-4 ... 3900 N Rockwell St. Chicago 18 ... Ill

PRINTERS -*PRINTED-CIRCUIT* See MACHINES -*PRINTED-CIRCUIT PRODUCTION*
PRINTING REGISTER CONTROLS See CONTROLS -*PHOTOELECTRIC*
PRINT-OUT COUNTERS See COUNTERS -*ELECTRONIC*

PROBES
1. HIGH-VOLTAGE — *4. R-F, FOR VTVM*
2. MICROWAVE — *5. TEST LEAD*
3. OSCILLOSCOPE

Air-O-Tronics Engineering Co., 5 ... Morrisville ... NY
Airtac, Inc., 2 ... 139 E. First Ave, Roselle ... NJ
ALDEN PRODUCTS CO., 5, Adv Pg 359 ... 112 N Main St. Brockton 64 ... Mass
Amatom Electronic Hardware Co. Inc., 5 ... 88 Drake Ave. New Rochelle ... NY
Amerac, Inc., 2 ... Dunham Rd, Beverly ... Mass
Ampco Mfg Co., 1-2-3-4-5 ... 246 E 2nd St. Plainfield ... NJ
Analab Instrument Corp., 3 ... 30 Canfield Rd, Cedar Grove ... NJ
ANTENNA SYSTEMS, INC., 2, Adv Pg 428 ... Hingham Industrial Center, Hingham ... Mass
Auto-Swage Products, 5 ... 255 Canal St. Shelton ... Conn
Aviel Electronics, Inc., 2 ... 1755 Berkeley St. Santa Monica ... Cal
Barker Products Co., 5 ... 3 Component Pk. W Bridgewater ... Mass
BIRNBACH RADIO CO. INC., 1-5, Adv Pg 529 ... 145 Hudson St. New York 13 ... NY
Bogart Mfg Corp., 2 ... 315 Seigel St. Brooklyn 6 ... NY
C W S Waveguide Corp., 2 ... 301 W. Hoffman Ave, Lindenhurst ... NY
Cambridge Thermionic Corp., 5 ... 445 Concord Ave, Cambridge 38 ... Mass
Canadian Research Institute, 1-5 ... 85 Curlew Dr. Don Mills ... Ont
Coax Devices, 2 ... Box V, Chelsea 50 ... Mass
Decitron Electronics Corp., 2 ... 850 Shephard Ave. Brooklyn 8 ... NY
DeMORNAY-BONARDI CORP., 2, Adv. Pgs. 178, 179 ... 780 S Arroyo Pkwy. Pasadena ... Cal
Diamond Antenna & Microwave Corp., 2-4-5 ... River St, Winchester ... Mass
Dielectric Products Engrg. Co. Inc., 2 ... Raymond ... Me
Dumar Products, Inc., 5 ... Box 8396 Denver ... Colo
DOUGLAS MICROWAVE CO. INC., 2, Adv Pg 235 ... 252 E 3rd St. Mt Vernon ... NY
EMI-Cossor Electronics Ltd., 3-4 ... Box 525 Dartmouth NS ... Can
ELECTRONIC INSTRUMENT CO. INC., 1-3-4, Adv Pg 396 ... 3300 Northern Blvd. Long Island City ... NY
ELECTROSPACE CORP., 1, Adv Pg 378 ... 99 E Hawthorne Ave. Valley Stream ... NY
FXR INC., 2, Adv Pgs 100, 101 ... 25-26 50th St. Woodside 77 ... NY
General Microwave Corp., 2 ... 47 Gazza Blvd. Farmingdale ... NY
Gertsch Co., Inc., John, 2 ... Webro Rd, Clifton ... NJ
Heath Co. A Sub of Daystrom, Inc., 1-4 ... Benton Harbor ... Mich
HEWLETT-PACKARD CO., 1-2-3-5, Adv Pgs 19-34 ... 1501 Page Mill Rd. Palo Alto ... Cal
Hughes Industrial Systems Div., 3 ... Bldg 116, Mail Sta 25, Int Airport Sta. Los Angeles 45 ... Cal
Jackson Electrical Instrument Co., 1-3 ... 124 McDonough St. Dayton 2 ... Ohio
LIECO INC., 2, Adv Pg 398 ... 150 Eileen Way, Syosset ... NY
LUMATRON ELECTRONICS, INC., 3 Adv Pg 502 ... 116 County Cthse Rd. New Hyde Park ... NY
MICROLAB, 2, Adv Pg 356 ... 570 W Mt. Pleasant Ave. Livingston ... NJ
Microwave Components, Inc., 2 ... Doylestown ... Pa
MICROWAVE CORP. OF AMERICA, 2, Adv Pg 462 ... P.O. Box 278, Stamford ... Conn
Microwave Dynamics Corp., 2 ... 5 Fairchild Ct. Plainview ... NY
Molded Insulation Co., 3-4-5 ... 335 E Price St. Philadelphia 44 ... Pa
Mutron Corp., 1-5 ... 125 Perkins Ave. Brockton ... Mass
New London Instrument Co., 4 ... 82 Union St. New London ... Conn
Nichols Products Co., 2-4 ... 323 W Main St. Moorestown ... NJ
OMEGA LABORATORIES INC., 2, Adv Pg 226 ... Box 309, Rowley ... Mass
Orion Electronic Corp., 3-4 ... 108 Columbus Ave. Tuckahoe ... NY
PRD ELECTRONICS INC., 2, Adv. Pgs. 113-116 ... 202 Tillary St. Brooklyn 1 ... NY
Planetronics, Inc., 3-4-5 ... Easton ... Pa
PORTCHESTER INSTRUMENT CORP., 2, Adv Pg 468 ... 114 Wilkins Ave. Port Chester ... NY
Precision Apparatus Co., Inc., 1-3-4-5 ... 70-31 84 St. Glendale 27 ... NY
RADAR MEASUREMENTS CORP., 2 Adv Pg 516 ... 190 Duffy Ave, Hicksville ... NY
Radio Corp of America, Electron Tube Div., 1-3-4-5 ... 415 S 5th St. Harrison ... NJ
RIBET DESJARDINS, 3, Adv Pgs 229-232 ... 13-17 Rue Perier, Montrouge Seine ... Fr
RIXON ELECTRONICS INC., 5, Adv Pg 412 ... 2414 Reedie Dr. Silver Spring ... Md
Rye Sound Corp., 3-4-5 ... 145 Elm St. Mamaroneck ... NY
Sigma Electronics Research Corp., 2 ... 15735 Ambaum Blvd. Seattle 6 ... Wash
Simpson Electric Co., Div., American Gage & Machine Co., 1-3-4-5 ... 5218 W. Kinzie St, Chicago 44 ... Ill
Slaughter Co., 1-5 ... Piqua 9 ... Ohio
Smith, Inc., Herman H., 1-5 ... 2326 Nostrand Ave, Brooklyn 10 ... NY
Solartron, Inc., 3 ... 1742 S. Zeyn St. Anaheim ... Cal
Specialty Electronics Development Corp., 5 ... 115 Eileen Way, Syosset ... NY
Sperry Microwave Electronics Co., 2 ... P.O. Box 1828, Clearwater ... Fla
Stark Electronic Instruments Ltd., 1-3-4-5 ... Box 670, Ajax ... Ont
TEFCO CORP., 5, Adv Pg 500 ... 28 Willett St. Port Chester ... NY
Tektronix Inc., 1 ... Box 500, Beaverton ... Ore
United Shoe Machinery Corp., 2 ... 140 Federal St. Boston ... Mass
Victor R.F. & Microwave Co., 2 ... 38 W Water St. Wakefield ... Mass
Wac Line Inc., 2 ... 35 S St. Clair St. Dayton 2 ... Ohio
Walden Electronics Co., 3 ... 1 Park Ave. Ext, Arlington 74 ... Mass
Waltham Electronics Corp., 4 ... 751 Main St. Waltham 54 ... Mass
WATERMAN PRODUCTS CO. INC., 3, Adv Pg 186 ... 2445 Emerald St. Philadelphia 25 ... Pa
Waveline, Inc., 2 ... P.O. Box 718, Caldwell ... NJ
Whitehall Electronics Corp., 3 ... 1645 Hennepin Ave. Mnnpls 3 ... Minn
Wintronics, 1 ... 213 S Hawthorne Blvd. Hawthorne ... Cal
Zoron Inc., 5 ... 612 W Monroe St. Chicago 6 ... Ill

PROBES -*TEMPERATURE* See THERMOCOUPLES

PROBLEM BOARDS See BOARDS -*COMPUTER*
PROCESS CONTROL COMPUTERS See COMPUTERS -*SPECIAL*
PROCESS CONTROL SIMULATORS See SIMULATORS
PRODUCTION MACHINES See MACHINES: TOOLS
PROFESSIONAL SERVICES See Page 562
PROFILING MACHINES See MACHINES -*ENGRAVING & PROFILING*
PROFILING SERVICES See ENGRAVING & PROFILING SERVICES

PROGRAMMERS -*COMPUTER*
Bulow Electric Co. Inc. ... 11000 Capital Ave. Oak Park ... Mich
C-E-I-R Inc ... 1200 Jefferson Davis Hwy. Arlington 2 ... Va
Compu Dyne Corp ... 400 S Warminster Rd. Hatboro ... Pa
Electronic Controls Inc ... 66 Southfield Ave. Stamford ... Conn
HAYDON CO., A. W., Adv Pgs 302, 303 ... 238 N Elm St. Waterbury ... Conn
Korry Mfg. Co ... 223 8th Ave. N, Seattle 9 ... Wash
Mandrel Industries Inc ... 5134 Glenmont, Houston 36 ... Tex
Minn-Honeywell, Military Prods Gr. ... 2600 Ridgway Rd. Minneapolis 13 ... Minn
Philco Corp. Govt & Ind Div. ... 4700 Wissahickon Ave. Phila 44 ... Pa
POTTER INSTRUMENT CO., INC., Adv Pg 195 ... Sunnyside Blvd. Plainview ... NY
Radio Corp. of America, Defense Electronic Prods. ... Bldg. 15-2 Camden ... NJ
Research, Inc ... P.O. Box 6164, Edina Br, Minnpls 24 ... Minn
TEMPO INSTRUMENT INC., Adv Pg 130 ... Commercial St. Hicksville ... NY
Topp Industries, Inc ... 5221 W. 102 St, Los Angeles 45 ... Cal
U.S. Science Corp ... 5221 W. 102nd St, Los Angeles 45 ... Cal
VECTOR ELECTRONIC CO., Adv Pg 544 ... 1100 Flower St. Glendale 1 ... Cal
Virginia Electronics Co., Inc ... 5209 River Rd, Washington 16 ... DC

PROJECTION LAMPS See LAMPS
PROJECTION TUBES See TUBES -*CATHODE RAY*
PROJECTION UNITS-TV See RECEIVERS-TV
PROPORTIONAL COUNTERS See COUNTERS -*NUCLEAR-PARTICLE*
PROPORTIONING CONTROLS See CONTROLS -*PROPORTIONING*
PROPORTIONING REACTORS See REACTORS -*SATURABLE*
PROTECTIVE COATINGS See FINISHES
PROXIMITY INDICATORS See INDICATORS -*PROXIMITY*
PROXIMITY PICKUPS See COILS

PSYCHOGALVANOMETERS
ASSOCIATED RESEARCH, INC., Adv Pg 218 ... 3788 W Belmont Ave. Chicago 18 ... Ill
Electro-Medical Lab., Inc ... South Woodstock 8 ... Vt
Grason-Stadler Corp ... Electronics Park, West Concord ... Mass
Osborne Research Labs ... Box 1435, Santa Barbara ... Cal

PUBLIC-ADDRESS PAGING SYSTEMS See PAGING SYSTEMS

PUBLIC-ADDRESS SYSTEMS
1. FIXED INSTALLATIONS 2. MOBILE OR PORTABLE

Allied Radio Corp., 1-2 ... 100 N. Western Ave, Chicago 80 ... Ill
Altec Lansing Corp., 1-2 ... 1515 S Manchester Ave. Anaheim ... Cal
Audio-Master Corp., 2 ... 17 East 45th St, New York 17 ... NY
Bell Sound Div. TRW Inc., 1-2 ... 555 Marion Rd. Columbus 7 ... Ohio
Bogen-Presto Div., Siegler Corp., 1-2 ... P.O. Box 500, Paramus ... NJ
BUDELMAN ELECTRONICS CORP., 1, Adv Pg 167 ... 375 Fairfield Ave. Stamford ... Conn
Digitrols, Inc., 2 ... 8 Industry Lane, Cockeysville ... Md
Dukane Corp., 1-2 ... St Charles ... Ill
EMI-Cossor Electronics Ltd., 1-2 ... Box 525 Dartmouth NS ... Can
Electronic Systems Engineering Co., 1-2 ... 2838 Wilshire Blvd. Oklahoma City ... Okla
Executone Inc., 1-2 ... 415 Lexington Ave. New York 17 ... NY
Gates Radio Co., 2 ... 123 Hampshire St. Quincy ... Ill
General Dynamics/Electronics, 1-2 ... 100 Carlson Rd. Rochester 3 ... NY
Heath Co. A Sub of Daystrom, Inc., 1-2 ... Benton Harbor ... Mich
Karlson Associates, Inc., 1-2 ... 433 Hempstead Ave, W. Hempstead ... NY
Lesa Const Electromeccaniche SpA., 1-2 ... 21 Via Bergamo, Milano ... Italy
Loge Electronics, Inc., 1-2 ... 2171 W Washington Blvd. LA 18 ... Cal
Lyncoach & Truck Co. Inc., 2 ... Oneonta ... NY
Neill Co., Inc., R.W., 1 ... 4320 W. Montrose, Chicago 41 ... Ill
Newcomb Audio Products Co., 1-2 ... 6824 Lexington Ave. Hollywood 38 ... Cal
Nugent Electronics Co. Inc., 1 ... 802 E 8th St. New Albany ... Ind
Pye Telecommunications, Ltd., 2 ... Newmarket Rd, Cambridge, England
Radio Mfg. Engineers, Div., Electro Voice, Inc., 1-2 ... Buchanan ... Mich
Ratelco, 1-2 ... 820 Minor Ave. N, Seattle ... Wash
Rauland-Borg Corp., 1-2 ... 3535 W. Addison St. Chicago 18 ... Ill
Remler Co., 1 ... 2101 Bryant St. San Francisco 10 ... Cal
Seiscor Div. Seismograph Service Corp., 2 ... 6200 E 41 St. Tulsa ... Okla
Standard Tel. & Cables Ltd., 1-2 ... 29 Glasshouse Yard, London ... Eng
Sturrup, Inc., 2 ... 50 Silver St. Middletown ... Conn
University Loudspeakers Inc., 1-2 ... 80 S Kensico Ave. White Plains ... NY

PULLERS -*CRYSTAL* See MACHINES -*CRYSTAL* -GROWING
PULSE AMPLIFIERS See AMPLIFIERS - R-F
PULSE COUNTERS See COUNTERS -*ELECTRONIC*
PULSE OSCILLATORS See *OSCILLATORS* - R-F
PULSE-FORMING NETWORKS See CAPACITORS -*FIXED:* NETWORKS -*PULSE-FORMING*
PULSE GENERATORS See GENERATORS -*SIGNAL*
PULSE HEIGHT ANALYZERS See ANALYZERS -*PULSE HEIGHT*
PULSE-HEIGHT INTEGRATORS See INTEGRATORS
PULSE INTERVAL TIMERS See TIMERS -*ELECTRONIC*
PULSE-LIMITING AMPLIFIERS See AMPLIFIERS - R-F
PULSE MODULATORS See MODULATORS
PULSE-RISE-TIME INDICATORS See INDICATORS -*PULSE-RISE-TIME*
PULSE-TIME-MODULATION TRANSMITTERS See TRANSMITTERS -*RADIO COMMUNICATION*
PULSE-TO-ANALOG CONVERTERS See CONVERTERS -*COMPUTER*
PULSE TRANSFORMERS See TRANSFORMERS -*IRON-CORE, SPECIAL*

PUMPS -*METERING*
American Instrument Co., Inc ... 8030 Georgia Ave, Silver Spring ... Md
Atlee Corp. Applied Dynamics Div. ... 330 Bear Hill Rd. Waltham ... Mass
Eastern Industries ... 100 Skiff St. Hamden ... Conn
Fisher Scientific Co ... 713 Forbes Ave. Pittsburg 19 ... Pa
Geotechnical Corp ... 3401 Shiloh Rd. Garland ... Tex
Hardman Co. Inc., H. V ... 571 Cortlandt St. Belleville ... NJ
Laboratory For Electronics, Inc ... 1079 Commonwealth Ave. Boston 15 ... Mass
Lear-Romec Div., Lear, Inc ... Abbe Rd, Elyria ... Ohio
Nichols Co., W.H. ... Waltham 54 ... Mass
Robbins & Myers, Inc ... 1347 Lagonda Ave, Springfield ... Ohio
Robinson Machine Co., Inc ... 286 Prezitness Ave, Paterson 2 ... NJ
Wallace & Tiernan, Inc ... 25 Main St, Belleville 9 ... NJ

PUMPS -*VACUUM*
Air Control, Inc ... 450 Narberth Ave, Narberth ... Pa
American Instrument Co., Inc ... 8030 Georgia Ave, Silver Spring ... Md
Atlee Corp. Applied Dynamics Div ... 330 Bear Hill Rd. Waltham ... Mass
Beach-Russ Co ... 620 U Graybar Bldg. New York 17 ... NY
Bon-De Electronic Labs. Inc ... 361-363 Rantoul St. Beverly ... Mass
Central Scientific Co. Div. Cenco Instr Inc ... 1700 Irving Park Rd. Chicago 13 ... Ill
Condolidated Electrodynamics Corp ... 360 N. Sierra Madre Villa, Pasadena ... Cal
Eastern Industries ... 100 Skiff St. Hamden ... Conn
Edwards High Vacuum Inc ... Cumberland Ave. Burlington ... Ont
Eisler Engineering Co. Inc ... 751 S 13 St. Newark 3 ... NJ
EITEL-McCULLOUGH INC., Adv Pgs 57-60 ... 301 Industrial Way, San Carlos ... Cal
Fisher Scientific Co. ... 713 Forbes Ave. Pittsburgh 19 ... Pa
Green Rectifier Co ... 1-10 30th St. Fair Lawn ... NJ
Hevi-Duty Electric Co. Div. Basic Products Corp. ... 304 Hart St. Watertown ... Wis
International Pump & Machine Works ... 81 Dorsa Ave, Livingston ... NJ
Joy Mfg. Co ... Dept. 39, Oliver Bldg. Pittsburgh 22 ... Pa
Kinney Vacuum Div., New York Air Brake Co ... 3529 Washington St, Boston ... Mass
Laboratory For Electronics, Inc. ... 1079 Commonwealth Ave. Boston 15 ... Mass
Lear-Romec Div., Lear, Inc ... Abbe Rd, Elyria ... Ohio
Leiman Bros. Inc. ... 146-181 Christie St. Newark 1 ... NJ
Litton Engineering Labs ... P.O. Box 949, Grass Valley ... Cal
Nelson Vacuum Pump Co ... 2133 4th St. Berkeley 10 ... Cal
Pesco Products Div., Borg-Warner Corp ... 24700 N. Miles Rd, Bedford ... Ohio
Red Point Corp ... 105 W. Spazier Ave, Burbank ... Cal
Roots-Connersville Blower ... 900 W Mount St. Connersville ... Ind
STOKES CORP., F. J., Adv. Pgs. 249-252 ... 5500 Tabor Rd. Phila 20 ... Pa
Ulmer Co., H. W ... 2941 San Luis Rey Rd. Oceanside ... Cal
Ultek Corp ... 920 Commercial St, Palo Alto ... Cal
Varian Associates ... 611 Hansen Way, Palo Alto ... Cal
Welch Scientific Co ... 1515 Sedgwick St. Chicago 10 ... Ill

PUNCHED-CARD OR PUNCHED-TAPE CONTROLS See CONTROLS -*MACHINE TOOL*
PUNCHED-CARD-TO-TAPE CONVERTERS See CONVERTERS -*COMPUTER*
PUNCHED CARD & TAPE READERS See READERS
PUNCHES -*PAPER TAPE* See PERFORATORS
PUNCHING EQUIPMENT See MACHINES -*PRINTED-CIRCUIT PRODUCTION*
PUNCHINGS -*PAPER* See PAPER
PUNCH PRESSES See MACHINES -*METAL PUNCH PRESSES*

PUSHBUTTONS
Eagle Electric Mfg. Co. Inc ... 23-10 Bridge Plaza S, L. I. City ... NY
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9 ... 1 River Rd. Schenectady 5 ... NY
Murdock Corp ... 158 Carter St. Chelsea ... Mass
Partrick & Wilkins Co ... 53 N 7th St. Philadelphia ... Pa
Thermo Electric Co. Inc. ... 109 5th St. Saddle Brook ... NJ
Vacuum - Electronics Corp ... Terminal Dr. Plainview ... NY

PYROMETERS -*RADIATION*
Bailey Meter Co ... 1050 Ivanhoe Rd. Cleveland 10 ... Ohio
Barnes Engineering Co ... 30 Commerce Rd. Stamford ... Conn
Engelhard Industries Inc ... 113 Astor St. Newark 2 ... NJ
Epic Inc ... 150 Nassau St. New York 38 ... NY
INSTRUMENT DEVELOPMENT LABS. INC., Adv Pg 430 ... 67 Mechanic St. Attleboro ... Mass
Pyrometer Instrument Co., Inc ... 92 Portland Ave, Bergenfield ... NJ
Shaw Instrument Corp ... P. O. Box G-46, Latrobe ... Pa
Thermo Electric Co. Inc. ... 109 5th St. Saddle Brook ... NJ
West Instrument Corp ... 4363 W. Montrose, Chicago 41 ... Ill

PYROMETERS -*THERMOCOUPLE* See THERMOCOUPLES
Q COMPARATORS See COMPARATORS - Q
Q METERS See METERS - Q
Q STANDARD COILS See COILS
Q STANDARDS See STANDARDS
QUARTZ CRYSTAL HOLDERS See HOLDERS
QUARTZ CRYSTALS See CRYSTAL UNITS: CRYSTAL BLANKS: CRYSTALS -*PIEZOELECTRIC*

QUARTZ
1. FUSED, FINISHED PARTS — *3. NATURAL, FINISHED PARTS (EXCEPT CRYSTAL UNITS)*
2. FUSED, RAW MATERIAL
TUBING See TUBING -*NONMETALLIC*

Allen-Jones, Inc., 1 ... 1345 Gaylord Ave. Long Beach ... Cal
ANDERSON ELECTRONICS INC., 3, Adv Pg 522 ... 1012 Chestnut Ave. Altoona ... Pa
Associated Engineering & Mfg Corp., 2 ... Glen Ridge ... NJ
Bausch & Lomb Inc., 1-3 ... 61462 Bausch St. Rochester 2 ... NY
BLACKBURN INC., P. W., 1, Adv Pg 550 ... 67 Main St. Dobbs Ferry ... NY
Blacklight Corp of America, 1 ... 5112 Walnut Grove Ave. San Gabriel ... Cal
Bram Metallurgical Chemical Co., 1-2 ... 820 65 Ave, Philadelphia 26 ... Pa
Diamond Drill Carbon Co ... 244 Madison Ave. New York 16 ... NY
Engelhard Industries Inc., 1-2 ... 113 Astor St. Newark 2 ... NJ
Farrand Optical Co. Inc., 1-3 ... Bronx Blvd. at 238th St. New York 70 ... NY
Fischer & Porter Co., 1 ... 476 Warminister Rd. Warminster ... Pa
GENERAL ELECTRIC CO. WILLOUGHBY QUARTZ PLANT, 1-2-3, Adv Pg 10 ... Dept. EBG-9, Willoughby ... Ohio
Isomet Corp., 1 ... 433 Commercial Ave. Palisades Park ... NJ
JFD ELECTRONICS CORP., 1, Adv Pgs 406, 407 ... 6101 16th Ave. Brooklyn 4 ... NY
KELLER, JR. JEWELS, HUGO, 1, Adv Pg 504 ... 50 E 42 St. New York 17 ... NY
Laine Electronics & Mfg. Co. Inc., 1 ... 91 Industrial Ave. Little Ferry ... NJ
A.D. Mackay, Inc., 1 ... 198 Broadway, New York 31 ... NY
Meller Co., Adolf, 1 ... Box 6001-Turnkey, Providence ... RI
PEK Labs., Inc., 1 ... 4024 Transport St, Palo Alto ... Cal
PAN AMERICAN TRADE DEVELOPMENT CORP., 2, Adv Pg 488 ... 2 Park Ave. New York 16 ... NY
Piezo Crystal Co., 1-3 ... 265 E. Pomfret St, Carlisle ... Pa
QUARTZITE PROCESSING INC., 1 Adv Pg 396 ... 6 Holyoke St. Malden ... Mass
Republic Lens Co., Inc., 1 ... 31 E. 169th St, New York 52 ... NY
SYNCOR PRODUCTS CO., 1-2-3, Adv Pg 514 ... 30 Eastern Ave. Malden ... Mass
Thermal American Fused Quartz Co. Inc., 1-2 ... 18-20 Salem St. Dover ... NJ
Ultra-Violet Products, Inc., 1 ... 5114 Walnut Grove Ave. San Gabriel ... Cal
United Mineral & Chemical Corp., 3 ... 16 Hudson St. New York 13 ... NY
Valpey Crystal Corp., 1-3 ... 1244 Highland St, Holliston ... Mass

Westinghouse-Lamp Div., 1	Bloomfield	NJ
Zenith Optical Lab., 3	1940 Great Neck Rd. Copiague	NY

QUARTZ -RAW See CRYSTALS -PIEZOELECTRIC
RACK PANELS See PANELS

RACKS -AGING, VACUUM TUBES & TRANSISTOR

A R & D A	135 Main St. Belleville 9	NJ
Alpitec Inc	49 Gleason Ave, Stamford	Conn
Amos Engineering Co	7333 W. Ainslie St, Chicago 31	Ill
Anchor Specialty Mfg. Co. Inc.	300 Hollister Rd. Teterboro	NJ
Baird-Atomic Inc	33 University Rd. Cambridge 38	Mass
CBC Electronics Co., Inc	2601 N. Howard St, Philadelphia 33	Pa
CUSTOM COMPONENTS INC., Adv Pg 396	**Box 248, Caldwell**	**NJ**
Eby Co., Hugh H.	4701 Germantown Ave, Philadelphia 44	Pa
Gruenberg Electric Co	9 Commerical Ave. Garden City	NY
KAHLE ENGINEERING CO Adv Pg 98	**3322 Hudson St. Union City**	**NJ**
Measurements Research Co	2831 Castor Ave, Philadelphia	Pa
OPAD ELECTRIC CO., Adv Pg 400	**43-5 Walker St. New York 13**	**NY**
Optimized Devices, Inc	864 Franklin Ave. Thornwood	NY
P.B.R. Mfg. Co	H & Luzerne Sts, Philadelphia 24	Pa
Pennsylvania Testing Lab., Inc	Doylestown	Pa
Permali Inc.	Box 718, Mt. Pleasant	Pa
Phillips Electronics Mfg Co	119 Allen Blvd. Farmingdale	NY
Research Industrial Labs of Electronics	Roslyn	Pa
Sorensen Industrial Electronic Co	Rt 10, Dover	NJ
STAFFORD MFG. CO. INC., Adv Pg 124	**145 58th St. Brooklyn 20**	**NY**
Summit Electronics, Inc	7 Industrial Pl, Summit	NJ
Temco Electronics, Inc	411 Boylston St, Boston	Mass
WALLSON ASSOCIATES INC., Adv Pg 209	**912 Westfield Ave. Elizabeth**	**NJ**
Winder Aircraft Corp	Dunnellon Air Base, Dunnellon	Fla
Wright Equipment Corp	128 N. Main St, Milltown	NJ
York Metal Products, Inc	350 Greenwich St, New York 13	NY

RACKS -MOUNTING & RELAY

ALDEN PRODUCTS CO., Adv Pg 359	**112 N Main St. Brockton 64**	**Mass**
Alpitec Inc	49 Gleason Ave, Stamford	Conn
Altec Lansing Corp	1515 S Manchester Ave, Anaheim	Cal
Amos Engineering Co	7333 W. Ainslie St, Chicago 31	Ill
Anchor Specialty Mfg. Co. Inc.	300 Hollister Rd. Teterboro	NJ
Artisan Metal Works Co	11410 Madison Ave, Cleveland 2	Ohio
AVNET INSTRUMENT CORP., Adv Pgs 331, 364	**70 State St. Westbury**	**NY**
Baltic Metal Products Co	126 Sutton St, Brooklyn 22	NY
Barry Controls Div. Barry Wright Corp	711 Pleasant St. Watertown 72	Mass
BUD RADIO INC., Adv Pg 343	**2118 E 55th St. Cleveland 3**	**Ohio**
California Chassis Co	5445 E Century Blvd. Lynwood	Cal
CHRISTMAN INDUSTRIES INC., Adv Pg 476	**1562 61st St. Brooklyn**	**NY**
Craig Systems, Inc	360 Merrimack, Lawrence	Mass
[illegible] Manufacturing Corp	Jamestown	NY
Electro-Rack, Inc	11501 Jefferson Blvd, Culver City	Cal
Elgin Metalformers Corp	630 Congdon Ave, Elgin	Ill
Elzon Metal Products Co., Inc	779 39th St, Brooklyn 32	NY
Equipto Electronics Corp	316 [illegible] St. Naperville	Ill
Erwood Inc	1777 Berteau Ave. Chicago 13	Ill
Escotronics	7080 E. Vine St, LaGrange	Ill
Eugene Engineering Co., Inc	1217 Hyde Park Ave, Hyde Park 36	Mass
Falstrom Co	44 Falstrom Ct, Passaic	NJ
Farwell Metal Fabricating	87 W. Fairfield Ave, St. Paul 7	Minn
General Dynamics Electronics	100 Carlson Rd. Rochester 3	NY
General Metal Products Co	Easton	Pa
Gridley Mfg. Co	90 Porete Ave. North Arlington	NJ
Hammond Mfg Co. Ltd	Guelph	Ont
Heldor Electronics Mfg. Corp	238 Lewis St. Paterson	NJ
Holden-Massey Corp	140 Allen Blvd, Farmingdale	NY
INGERSOLL PRODUCTS, DIV. BORG-WARNER CORP., Adv Pg 410	**1000 W 120th St. Chicago**	**Ill**
Kidde Electronics Labs. Walter Kidde & Co. Inc.	477 Brighton Rd. Clifton	NJ
Lynch Mfg. Co., R.H.	7831 E. Arroyo Dr, South San Gabriel	Cal
Metal Works, Inc	9th & Jefferson, Hermann	Mo
Midwest Metal Products Inc	490 E. Dewman Rd, Kansas City 15	Kan
Minn-Honeywell, Aero Controls Div	2753 4th Ave. S, Minneapolis 8	Minn
Mobil Electronics, Inc	1131 State Rd 67E, Anderson	Ind
North Electric Co	553 S Market St, Galion	Ohio
NORTHEASTERN ENGINEERING INC., Adv Pgs 289-292	**Box 150, Manchester**	**NH**
P.B.R. Mfg. Co	H & Luzerne Sts, Philadelphia 24	Pa
Par-Metal Products Corp	32-62 49th St, Long Island City 3	NY
Permali Inc.	Box 718, Mt. Pleasant	Pa
Plug-in Instruments, Inc	1416 Lebanon Rd. Nashville 10	Tenn
PREMIER METAL PRODUCTS CO., Adv Pg 314	**337 Manida St. Bronx 59**	**NY**
Rixon Electronics Inc.	10929 Vanowen St. N Hollywood	Cal
Sorensen Industrial Electronic Co	Rt 10, Dover	NJ
STAFFORD MFG. CO. INC., Adv Pg 124	**145 58th St. Brooklyn 20**	**NY**
Stanbon Div. Wyco Metal Products	6918 Beck Ave. North Hollywood	Cal
WESTERN DEVICES INC., Adv Pg 64	**600 W Florence Ave. Inglewood**	**Cal**
Wickes Engineering & Construction Co	12th St. & Ferry Ave. Camden 4	NJ
Winder Aircraft Corp	Dunnellon Air Base, Dunnellon	Fla
Wyco Metal Products	6918 Beck Ave, North Hollywood	Cal
York Metal Products, Inc	350 Greenwich St, New York 13	NY

RADAR (Incl. C-W, DOPPLER & PULSE)

1. AIRBORNE FIRE CONTROL
2. AIRBORNE SEARCH
3. AIRBORNE WEATHER
4. BEACONS (AIR, GROUND OR SHIP)
5. GCA (PRECISION AIRCRAFT APPROACH CONTROL)
6. GROUND ARTILLERY CONTROL
7. GROUND HEIGHT FINDER
8. GROUND MISSILE CONTROL
9. GROUND MORTAR CONTROL
10. GROUND SEARCH
11. GROUND WEATHER
12. SHIP FIRE CONTROL
13. SHIP NAVIGATION & SEARCH
14. SPEED & DRIFT COMPUTING (DOPPLER NAVIGATION)
15. TAXI (AIRPORT SURFACE)

See Also GUIDANCE SYSTEMS: METERS -SPEED, AUTO

ACF Electronics Div., 4	Riverdale	Md
A G A Corp., 7-8-10-13	1200 Duke St. Alexandria	Va
A.R.F. Products Inc., 8	7627 Lake St. River Forest	Ill
Admiral Corp, 1-4	3800 W Cortland St. Chicago 47	Ill
Aertronics, Inc., 4	2522 Dorsey Ln, Washington 16	DC
ALDEN ELECTRONIC & IMPULSE RECORDING EQUIP CO., 7, Adv Pg 358	**P.O. Box 125, Westboro**	**Mass**
Amerac, Inc., 4	Dunham Rd, Beverly	Mass
American Machine & Foundry Co., Government Products Group, 8	1701 K St, N.W., Washington 6	DC
Applied Electronics Co., 13	213 E. Grand Ave, South San Francisco	Cal
Avco Corp., Crosley Div., 1-4-7	1329 Arlington St, Cincinnati 25	Ohio
Avco Corp. Electronics & Ordnance Div., 1-4-7	Box 116, Cincinnati 15	Ohio
Bell Aerospace Corp., 4-8	Box 1, Buffalo 5	NY
Bendix Corp. Bendix Radio Div., 10-11-14	Baltimore 4	Md
Bendix Corp. York Div	York	Pa
BOWMAR INSTRUMENT CORP., 14, Adv Pg 36	**8000 Bluffton Rd. Ft Wayne**	**Ind**
Budd Electronics Inc., 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15	43-22 Queens St. Long Island City	NY
Bulow Electric Co. Inc., 1	11000 Capital Ave. Oak Park	Mich
Canadian Marconi Co., 13	2444 Trenton Ave. Montreal	Que
Canoga Div., Underwood Corp., 4-8-10-13	15330 Oxnard St, Van Nuys	Cal
Capehart Corp., 4-7-9-13	87-46 123rd St. Richmond Hill 18	NY
Cardion Electronics Inc., 2-4-11-15	65 Rushmore St. Westbury	NY
Chance Vought Corp. Vought Electronics Div., 4	Box 1500, Arlington	Tex
Computing Devices of Canada, Ltd., 3	P.O. Box 508, Ottawa, Ontario, Canada	
Continental Electronics Mfg Co. Sub Ling-Temco Electronics, Inc., 8-10	4212 S Buckner Blvd. Dallas 27	Tex
Cook Technological Center, 4	6401 Oakton St, Morton Grove	Ill
Cooper Development Corp., 4	2626 S. Peck Rd, Monrovia	Cal
Cosmic Inc., 1-2-7	3206 Grace St. Washington	DC
CURTISS-WRIGHT CORP. ELECTRONICS DIV., 2-3-11, Adv Pg 473	**35 Market St. E Paterson**	**NJ**
Dalmo Victor Co. Div. Textron Inc., 1-2-10	1515 Industrial Way, Belmont	Cal
Daystrom Inc. Military Elec. Div., 1-4-8-12-13	Archbald	Pa
Decitron Electronics Corp., 1-4	850 Shephard Ave. Brooklyn 8	NY
Designers for Industry, 2-3-4	4241 Fulton Pkwy. Cleveland 9	Ohio
ECLIPSE PIONEER DIV. BENDIX CORP., 3-9, Adv Pgs 354, 355	**Teterboro**	**NJ**
Emerson Electric Mfg. Co., 1-2-3-6-8-9-10	8100 Florissant Ave, St. Louis 36	Mo
Emertron Inc., 4-7	1140 East-West Hwy. Silver Spring	Md
Fairchild Camera & Instrument Corp. Defense Prods Div., 2-3-10-13	Robbins Ln. Syosset	NY
Ford Instrument Co. Div. Sperry Rand Corp., 4	31-10 Thomson Ave. Long Island City 1	NY
FRONTIER ELECTRONICS CO., 3, Adv Pg 193	**4606 Memphis Ave. Cleveland 9**	**Ohio**
GB Electronics Corp. Sub. Gen Bronze Corp., 2-3-8	711 Stewart Ave. Garden City	NY
GPL Div. General Precision, Inc., 14	63 Bedford Rd. Pleasantville	NY
General Electric Co. Heavy Military Electronics Dept., 4-5-6-7-8-9-10-11-12-13-14	Court St. Syracuse	NY
General Electric Co. Light Military Electronics Dept., 1-2-3-4	French Rd. Utica	NY
General Electric Co. Ordnance Dept., 12	100 Plastics Ave. Pittsfield	Mass
Gilfillan Bros. Inc., 2-3-4-5-7-8-10-13-15	1815 Venice Blvd. Los Angeles 6	Cal
Goodyear Aircraft Corp., 2-3	1210 Massillon Rd, Akron 15	Ohio
Granger Associates, 4	974 Commercial St. Palo Alto	Cal
Gray Mfg. Co., 2	Dept 67, 16 Arbor St. Hartford 1	Conn
HALLICRAFTERS CO., 4-8, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
Heldor Electronics Mfg. Corp., 1	238 Lewis St. Paterson	NJ
Hughes Microwave Components Div., 1-2-3-7-8-12	Florence & Teale, Culver City	Cal
ITT Federal Labs Div. ITT Corp., 4-8-14	500 Washington Ave. Nutley	NJ
Kearfott Div. Gen. Precision Inc. Microwave Prods., 13	14844 Oxnard St. Van Nuys	Cal
Kennedy & Co., D. S., 1-4-6	Cohasset	Mass
Laboratory For Electronics, Inc., 2-5-8-10-13-14-15	1079 Commonwealth Ave. Boston 15	Mass
LAVOIE LABORATORIES INC., 4, Adv Pg 312	**Morganville**	**NJ**
LEL INC., 4 Adv Pg 461	**75 Akron St. Copiague**	**NY**
Lockheed Electronics Co. Military Sys Div., 1-2-4-11-12-13	US Hwy. 22, Plainfield	NJ
Lyncoach & Truck Co. Inc., 8	Oneonta	NY
Magnavox Co., 1-2	2131 Bueter Rd. Fort Wayne 4	Ind
Marconi's Wireless Telegraph Co. Ltd., 4-7-10-11-12-13-14	750 3rd Ave. New York 17	NY
Maxson Electronics Corp., 1-2-4-6-7-8-9-10-12-13-15	475 10th Ave. New York 18	NY
Minn-Honeywell, Military Prods Gr., 1-5-7-12	2600 Ridgway Rd. Minneapolis 13	Minn
Menan Instrument Corp., 4-13	170 E Orange Grove Ave. Pasadena 3	Cal
OKI ELECTRIC INDUSTRY CO. LTD., 10-11-13, Adv Pg 257	**10 Shiba Takahama-cho Minato-ku, Tokyo**	**Jap**
Olympic Radio & TV Div. Siegler Corp., 4-11	34-01 38 Ave. Long Island City 1	NY
Peer Inc., 10	2624 Shelby St. Dallas 19	Tex
Philco Corp. Govt & Ind Div., 1-2-3-4-6-7-8-10-12-13-14	4700 Wissahickon Ave. Phila 44	Pa
R S ELECTRONICS CORP., 4, Adv Pg 305	**Box 11368, Sta A, Palo Alto**	**Cal**
Radio Corp. of America, Defense Electronic Prods. 1-2-3-4-8-10-11-12-13	Bldg. 15-2 Camden	NJ
RADIO CORP OF AMERICA INDL ELECTRONIC PRODS., 13, Adv Pg 391	**Front & Cooper, Camden**	**NJ**
Ram Electronics, Inc., 2	600 Industrial Ave, Paramus	NJ
Ramage & Miller Inc., 11	150 S 2nd St. Richmond	Cal
RAYTHEON CO. COMMER APPAR & SYSTEMS DIV., 13, Adv Pg 41	**225 Crescent St. Waltham 54**	**Mass**
Raytheon Co. Govt Mktg., 1-2-3-4-6-8-10-11-12-13	Lexington 73	Mass
Reeves Instrument Corp., 6-8-10-12-13-14	Roosevelt Field, Garden City	NY
Remanco, Inc., 4	1805 Colorado, Santa Monica	Cal
Resdel Engineering Corp., 4-10	330 S Fair Oaks Ave. Pasadena	Cal
Ryan Electronics Div. Ryan Aero. Co., 1-2-3-4-5-6-7-8-9-10-11-14	5650 Kearny Mesa Rd. San Diego 12	Cal
SANDERS ASSOCIATES INC., 1-2-4-9-12, Adv Pg 380	**95 Canal St. Nashua**	**NH**
Sierra Research Corp., 2-4-10	Box 22, Buffalo 25	NY
Simmonds Precision Prods Inc., 4-10-13	105 White Plains Rd. Tarrytown	NY
Space Electronics Corp., 1-2-4-8-10-13	930 Air Way, Glendale 1	Cal
Specialty Electronics Development Corp., 3	115 Eileen Way, Syosset	NY
Spectra Electronics Co., 4	25 E. 3rd St, Mt. Vernon	NY
Sperry Gyroscope Co. Div. Sperry Rand Corp., 1-2-3-4-9-10-12-13-14	Great Neck	NY
Sperry Phoenix Co. Div. Sperry Rand Corp., 8	21111 N 19th Ave. Phoenix 27	Ariz
Sperry Utah Co. Div. Sperry Rand Corp., 8-10	322 N 21st W, Salt Lake City 16	Utah
Spilsbury & Tindall Ltd., 13	120 E Cordova St. Vancouver 4	BC
Standard Tel. & Cables Ltd., 2-5	29 Glasshouse Yard, London	Eng
Strand Engineering Co., 1-10	7300 Huron River Dr. Dexter	Mich
Sylvania Electronic Systems, 6-8-9-13	63 Second Ave, Waltham	Mass
Texas Instruments Incorporated, Apparatus Div. Govt Prods Gr., 1-2-4-8	Box 6015, Dallas 22	Tex
United Shoe Machinery Corp., 3	140 Federal St. Boston	Mass
Washington Aluminum Co. Inc., 2-3-4-7-10-11-13-14	Pa RR & Knecht Ave. Baltimore 29	Md
Watkins-Johnson Co., 2-13-15	3333 Hillview Ave. Palo Alto	Cal
Westinghouse Electronics Div., 7-8-10-12-13	Baltimore	Md
WHEELER ELECTRONIC CORP. SUB. SPERRY RAND CORP., 4, Adv Pg 498	**150 E Aurora St. Waterbury 20**	**Conn**
Wilcox Electric Co., 3-4	1400 Chestnut St. Kansas City	Mo
Wiley Electronic Products Co., 2-10-13-14	2045 W Cheryl Dr. Phoenix	Ariz

RADAR ALTIMETERS See ALTIMETERS
RADAR AMPLIFIERS See AMPLIFIERS -*MICROWAVE*
RADAR ANALYZERS See ANALYZERS -*RADAR*
RADAR ANTENNAS See ANTENNAS -*RADAR*
RADAR ANTENNA BEARINGS See BEARINGS
RADAR GUIDANCE SYSTEMS See GUIDANCE SYSTEMS
RADAR MONITORS See MONITORS -*RADAR*
RADAR MOVING-TARGET SIMULATORS See SIMULATORS
RADAR PARTS See *LISTING UNDER* MICROWAVE
RADAR-RANGE CALIBRATORS See CALIBRATORS -*RADAR-RANGE*
RADAR RECORDING CAMERAS See CAMERAS -*PHOTOGRAPHIC*
RADAR SIGNAL GENERATORS See GENERATORS -*SIGNAL*
RADAR SPEED METERS See METERS -*SPEED, AUTO*
RADAR TESTERS See TESTERS -*RADAR*
RADAR TRAFFIC CONTROLS See CONTROLS -*TRAFFIC*
RADAR TRAINERS See SIMULATORS -*RADAR*

RADIATION APPLICATION SERVICES

Atomation Inc. Div. C W Reed Co	5959 S Hoover, Los Angeles 44	Cal
Atomic Research Lab	14725 Arminta Ave. Panorama City	Cal
CURTISS-WRIGHT CORP. PRINCETON DIV., Adv Pgs 382, 426, 494	**Box 110, Princeton**	**NJ**
General Atomic Div. Gen Dynamics Corp	Box 608, San Diego 12	Cal
Martin Co	Mail G-3037, Baltimore 3	Md
Tracerlab Inc	1601 Trapelo Rd. Waltham 54	Mass

RADIATION COUNTER TUBES See TUBES -*COUNTER*
RADIATION COUNTERS See COUNTERS -*NUCLEAR-PARTICLE*
RADIATION PYROMETERS See PYROMETERS -*RADIATION*
RADIATION SHIELDING See SHIELDING
RADIOACTIVE ISOTOPES See SOURCES -*RADIOACTIVE*
RADIOACTIVE LIGHT SOURCES See LIGHT SOURCES
RADIOACTIVE TRACER LEAK DETECTORS See DETECTORS -*LEAK*
RADIOACTIVITY MONITORS See MONITORS -*RADIOACTIVITY*
RADIO ANTENNAS See ANTENNAS
RADIO BEACONS See BEACONS -*RADIO NAVIGATION*
RADIO CARRIER SYSTEMS See COMMUNICATION SYSTEMS
RADIO CEMENTS See CEMENTS
RADIO COMMUNICATION SYSTEMS See COMMUNICATION SYSTEMS
RADIO COMMUNICATION TRANSMITTERS See TRANSMITTERS -*RADIO COMMUNICATION*
RADIO COMPASSES See RECEIVERS -*RADIO NAVIGATION, DIRECTION FINDER*
RADIO CONTROLS -*DOOR* See CONTROLS -*DOOR*
RADIO FREQUENCY See R-F LISTINGS

RADIOGRAPHIC EQUIPMENT See *Also* X-RAY

1. GAMMA-RAY 2. X-RAY, INDUSTRIAL 3. X-RAY, MEDICAL

Appleton Electric Co., 3	1701 W. Wellington, Chicago 13	Ill
Baird-Atomic Inc., 1-2-3	33 University Rd. Cambridge 38	Mass
BRACKE-SEIB X-RAY CO. INC., 2-3, Adv Pg 544	**16 Pelham Bay Pk. W, Pelham Manor**	**NY**
Continental X-Ray Corp., 3	1536 N Clybourn, Chicago 10	Ill
CURTISS-WRIGHT CORP. PRINCETON DIV., 1-2, Adv Pgs 382, 426, 494	**Princeton**	**NJ**
FXR INC., 2-3, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
General Electric Co. X-Ray Dept., 2-3	4855 Electric Ave. Milwaukee 1	Wisc
High Voltage Engineering Corp., 2-3	Burlington	Mass
Land-Air, Inc., 3	7444 W Wilson Ave. Chicago 31	Ill
Lyncoach & Truck Co. Inc., 2-3	Oneonta	NY
Philips Electronic Instruments., 1-2	750 S Fulton Ave. Mt. Vernon	NY
Philips' Gloeilampenfabrieken, N. V., 2-3	Eindhoven	Neth
Picker X Ray Corp., 1-2-3	White Plains	NY
Radiation Dynamics, 2-3	1800 Shames Dr. Westbury	NY
Resitron Laboratories, Inc., 1-2-3	2908 Nebraska Ave, Santa Monica	Cal
Rototest Labs. Inc., 2	2803 Los Flores Blvd. Lynwood	Cal
St. John X-Ray Laboratory, 1-2	Califon	NJ
Tracerlab, Inc., 1-2-3	1601 Trapelo Rd, Waltham 54	Mass
Triplett & Barton, Inc., 2	831 N. Lake St, Burbank	Cal
U. S. Nuclear Corp., 1	801 N. Lake St, Burbank	Cal
U.S. RADIUM CORP., 2-3, Adv Pg 200	**P.O. Box 246, Morristown**	**NJ**
Varian Associates, 2-3	611 Hansen Way, Palo Alto	Cal
X-Ray Products Corp., 2	7829 Industry Ave, Pico-Rivera	Cal

RADIO GUIDANCE SYSTEMS See GUIDANCE SYSTEMS
RADIO INTERFERENCE FILTERS See FILTERS
RADIOISOTOPES See ISOTOPES -*RADIOACTIVE*
RADIO METAL DETECTORS See DETECTORS -*METAL*

RADIOMETERS

1. COMPARISON 2. DIRECT

ACF Electronics Div., 1-2	Riverdale	Md
Applied Technology, Inc., 1	930 Industrial Ave, Palo Alto	Cal
Barnes Engineering Co., 1-2	30 Commerce Rd. Stamford	Conn
Block Associates, Inc., 1-2	385 Putnam Ave. Cambridge 39	Mass
Dero Research & Dev. Corp., 1	Broadway & Park Ave. Huntington	NY
Kahl Scientific Instrument Corp., 1	737 W Main St. El Cajon	Cal
Ryan Electronics Div. Ryan Aero. Co., 1	5650 Kearny Mesa Rd. San Diego 12	Cal
Sperry Microwave Electronics Co., 1-2	Box 1828, Clearwater	Fla
Welwyn International, Inc., 1-2	3355 Edgecliff Terr, Cleveland 11	Ohio

RADIO-NAVIGATION BEACONS See TRANSMITTERS -*RADIO-NAVIGATION*
RADIO-NAVIGATION RECEIVERS See RECEIVERS -*RADIO-NAVIGATION*
RADIO-NAVIGATION TRANSMITTERS See TRANSMITTERS -*RADIO-NAVIGATION*
RADIO PAGING RECEIVERS See RECEIVERS -*PAGING*
RADIO PAGING SYSTEMS See PAGING SYSTEMS
RADIO-RANGE ANTENNAS See ANTENNAS-VHF, *OMNIDIRECTIONAL*
RADIO-RANGE FILTERS See FILTERS
RADIO-RANGE TRANSMITTERS See TRANSMITTERS -*RADIO NAVIGATION*
RADIO RECEIVERS See RECEIVERS -*RADIO*
RADIO RELAYS See RELAYS -*MICROWAVE*

RADIO REMOTE CONTROLS See **CONTROLS** *-RADIO REMOTE*

RADIOSONDES
Automation Dynamics Corp — 255 County Rd. Tenafly — NJ
Hallamore Electronics Div. Siegler Corp — 714 N Brookhurst Ave. Anaheim — Cal
Kent Scientific Instrument Corp — 737 W Main St. El Cajon — Cal
Kelk Ltd., George — 5 Lesmill Rd. Don Mills — Ont
Molded Insulation Co — 335 E Price St. Philadelphia 44 — Pa

RADIOTELEPHONES See **COMMUNICATION SYSTEMS: TRANSCEIVERS**

RADIO TELESCOPES
1. ANTENNAS 2. RECEIVERS
AINSLIE CORP., 1, Adv Pg 408 — **531 Pond St. South Braintree 85** — **Mass**
Andrew California Corp., 1 — 941 E Maryland Ave. Claremont — Cal
ANTENNA SYSTEMS, INC., 1, Adv Pg 428 — **Hingham Industrial Center, Hingham** — **Mass**
Applied Technology, Inc., 2 — 930 Industrial Ave. Palo Alto — Cal
Avco Corp., Nashville Div., 1 — Box 210, Nashville — Tenn
Blaw-Knox Co., 1 — 300 6th Ave. Pittsburgh 22 — Pa
Dielectric Products Engrg. Co. Inc., 1 — Raymond — Me
I-T-E Circuit Breaker Co., 1 — 601 E Erie Ave. Philadelphia 34 — Pa
ITT Federal Labs Div. ITT Corp., 2 — 500 Washington Ave. Nutley — NJ
Lamtex Industries Inc., 1 — Motor Ave. Farmingdale — NY
LEL INC., 2 Adv Pg 461 — **75 Akron St. Copiague** — **NY**
Nortronics, Div Northrop Corp., 1-2 — 222 N Prairie Ave. Hawthorne — Cal
Philco Corp. Govt & Ind Div., 1-2 — 4700 Wissahickon Ave. Phila 44 — Pa
Premax Products Div. Chisholm-Ryder Co. Inc., 1 — Highland & College, Niagara Falls 2 — NY
Telco Electronics Mfg. Co., 1 — 400 S Wyman St. Rockford — Ill
Telecomputing Corp., 1 — 915 N Citrus Ave. Hollywood — Cal
TELERAD DIV. LIONEL CORP., 1, Adv Pgs 220, 221 — **Rt 69, Flemington** — **NJ**
Washington Aluminum Co. Inc., 1 — Pa RR & Knecht Ave. Baltimore 29 — Md
Watkins-Johnson Co., 2 — 3333 Hillview Ave. Palo Alto — Cal
Wiley Electronic Products Co., 1 — 2045 W Cheryl Dr. Phoenix — Ariz

RADIO TRANSMITTERS See **TRANSMITTERS**

RADIUM
Canadian Radium & Uranium Corp — 630 Fifth Ave. New York 20 — NY
A.D. Mackay, Inc — 198 Broadway, New York 38 — NY
U. S. Nuclear Corp — 801 N. Lake St. Burbank — Cal
U.S. RADIUM CORP., Adv Pg 200 — **P.O. Box 246, Morristown** — **NJ**

RADOME INFLATION BLOWERS See **BLOWERS**

RADOMES
1. AIRCRAFT 2. CERAMIC 3. GROUND 4. PLASTIC, FLEXIBLE 5. PLASTIC, RIGID
AMERICAN LAVA CORP., 2, Adv Pg 237 — **Cherokee & Myrs Rd. Chattanooga 5** — **Tenn**
Andrew California Corp., 5 — 941 E Maryland Ave. Claremont — Cal
ANDREW CORP., 5, Adv Pg 13 — **P. O. Box 807, Chicago 42** — **Ill**
ANTENNA SYSTEMS, INC., 1-3-5, Adv Pg 428 — **Hingham Industrial Center, Hingham** — **Mass**
ARRA CORP., 1-2-4-5, Adv Pg 498 — **27 Dead St. Westbury** — **NY**
Atkins & Merrill, Inc., 1-3-5 — 49 Post Rd, South Sudbury — Mass
Bart Labs & Design Inc., 1 — 125 Manchester Pl, Newark 4 — NJ
Bendix Structures, Inc., 4 — 1800 Broadway, Buffalo 12 — NY
California Technical Industries, 1 — 1421 Old County Rd. Belmont — Cal
CARBORUNDUM CO. REFRACTORIES DIV., 2, Adv Pgs 104, 105 — **Perth Amboy** — **NJ**
Chu Associates, 1-5 — Box 387, Littleton — Mass
Comco Plastics, Inc., 5 — 98-40 Jamaica Ave. Richmond Hill — NY
Cooper Development Corp., 2 — 2626 S. Peck Rd. Monrovia — Cal
Craig Systems, Inc., 5 — 360 Merrimack St, Lawrence — Mass
Daniels Inc., C. R., 3-4 — Daniels — Md
Diamond Antenna & Microwave Corp., 1-5 — River St. Winchester — Mass
Dura Plastics of New York Inc., 4 — 303 5th Ave. New York 16 — NY
Dwyer Engineering Co., Inc., 4-5 — Airport Rd, Nashua — NH
Emerson & Cuming, Inc., 1-2-3-4-5 — 869 Washington St. Canton — Mass
Emerson Plastics Corp., 1-3-5 — 1383 Seabury Ave. Bronx 61 — NY
Eugene Engineering Co. Inc., 5 — 12-17 Hyde Park Ave. Hyde Park 36 — Mass
Gilfillan Bros. Inc., 3 — 1815 Venice Blvd. Los Angeles 6 — Cal
HALLICRAFTERS CO., 1-2, Adv Pg 385 — **4401 W 5th St. Chicago 24** — **Ill**
Hughes Microwave Components Div., 1-3-5 — Florence & Teale, Culver City — Cal
I-T-E Circuit Breaker Co., 3-5 — 601 E Erie Ave. Philadelphia 34 — Pa
Joclin Mfg Co., 5 — 9 Lufbery Ave. Wallingford — Conn
Koch & Sons, Inc., H., 1-3-5 — Corte Madera — Cal
Lamtex Inc., 1 — 1855 S Broadway, Glendale — Cal
Lamtex Industries Inc., 1-3-5 — Motor Ave. Farmingdale — NY
Long Sault Industrial, Ltd., 1-3-5 — St. Andrews E., Quebec, Canada
Lunn Laminates Corp., 1-3-5 — Brownville Ave. Ipswich — Mass
Marconi's Wireless Telegraph Co. Ltd., 3-4 — 750 3rd Ave. New York 17 — NY
Martin Co., 1 — Mail No. G3037, Baltimore 3 — Md
Minn-Honeywell, Ceramics Lab., 2 — Box 440, Minneapolis 40 — Minn
MYCALEX CORP. OF AMERICA, 2-5, Adv Pg 351 — **125 Clifton Blvd. Clifton** — **NJ**
NATIONAL BERYLLIA CORP., 2 Adv Pg 552 — **1st & Haskell, Haskell** — **NJ**
Olympic Plastics Co. Inc., 5 — 3471 S La Cienega Blvd. Los Angeles 16 — Cal
Paradox Div. Houston-Fearless Corp., 3-5 — 11822 Wesstehalt Ave. Hawthorne — Cal
Philco Corp. Govt & Ind Div., 1 — 4700 Wissahickon Ave. Phila 44 — Pa
Rattige & Miller Inc., 3-5 — 150 S 2nd St. Richmond — Cal
Ryan Electronics Div, Ryan Aero. Co., 1 — 5650 Kearny Mesa Rd, San Diego 12 — Cal
Schjeldahl Co., G.T., 4-5 — P.O. Box 170, Northfield — Minn
Silicone Insulation, Inc., 1-3-5 — 1385 Seabury Ave. Bronx 61 — NY
Specialty Electronics Development Corp., 1-3-5 — 115 Eileen Way, Syosset — NY
Summit Industries, Inc., 1-4-5 — 2114 W Roscoe Ave, Gardena — Cal
Telecomputing Corp., 1 — 915 N Citrus Ave. Hollywood — Cal
TELERAD DIV. LIONEL CORP., 5, Adv Pgs 220, 221 — **Rt 69, Flemington** — **NJ**
Thompson Fiber Glass Co., H.I., 1-3-5 — 1733 Cordova St. Los Angeles 7 — Cal
Topper Mfg Co. Inc., 1-2-3-4-5 — 84-56 Parsons Blvd. Jamaica 32 — NY
U. S. Dielectric Products, Inc., 5 — 98 Adams St. Leominster — Mass
Western Gold & Platinum Co. Sub. Wilbur B. Driver Co., 2 — 525 Harbor Blvd. Belmont — Cal
Zenith Plastic Co., 5 — P.O. Box 91, Gardena — Cal

RAILROAD COMMUNICATION SYSTEMS See **COMMUNICATION SYSTEMS**
RAILROAD RADIO RECEIVERS See **RECEIVERS** *-RADIO COMMUNICATION*
RAILROAD TRANSMITTERS See **TRANSMITTERS** *-RADIO COMMUNICATION*
RAIN CHAMBERS See **CHAMBERS** *-ENVIRONMENTAL TEST*
RANGE ANTENNAS See **ANTENNAS-VHF,** *OMNIDIRECTIONAL*
RARE EARTH FERRITES See **CRYSTALS** *-GARNET:* **GARNET** *-POLYCRYSTALLINE*

RARE EARTHS
Allied Chemical Corp. Baker & Adamson Prods.-Gen. Chem. Div — 40 Rector St. New York — NY
American Potash & Chemical Corp — 3000 W 6th St. Los Angeles 54 — Cal
Grace & Co., W.R., Davidson Chemical Div — Baltimore 3 — Md
Mallinckrodt Chemical Works — 2nd & Mallinckrodt Sts. St Louis 7 — Mo
Michigan Chemical Co. Rare Earth & Thorium Div — St Louis — Mich
Molybdenum Corp of America — Washington — Pa
Nuclear Corp of America, Research Chem Div — Burbank — Cal
Vitro Chemical Co — Chattanooga — Tenn

RARE GASES See **GASES**
RATE GYROS See **GYROS**

RATIOMETERS
CUBIC CORP., Adv Pgs 329, 330 — **5575 Kearny Villa Rd. San Diego 11** — **Cal**
Humphrey, Inc — 2805 Canon St. San Diego 6 — Cal
Zinn Instruments — P.O. Box 733, Lomita — Cal

REACTORS *-FILTER* See **COILS** *-CHOKE, POWER-FREQUENCY*

REACTORS *-SATURABLE*
1. AMPLIFYING 2. PREAMPLIFYING 3. PROPORTIONING 4. SWITCHING 5. TRANSDUCTORS
See Also **AMPLIFIERS** *-MAGNETIC*
ACDC ELECTRONICS, INC., 1-2-3-4-5, Adv Pg 182 — **2979 N Ontario St. Burbank** — **Cal**
ADC INCORPORATED, 1-2, Adv Pg 150 — **2883 13th Ave. S, Minneapolis 7** — **Minn**
ACROMAG, INC., 5, Adv Pg 234 — **22515 Telegraph Rd. Southfield** — **Mich**
AIRPAX ELECTRONICS INC. SEMINOLE DIV., 1-2-4, Adv Pg 106 — **Fort Lauderdale** — **Fla**
Amer-Monarch Corp. Amer. Elec. Div., 1 — 2801 37th Ave. NE, Minneapolis 18 — Minn
American Rectifier Corp., 1 — 95 Lafayette St. New York 13 — NY
American Research & Mfg. Corp., 1-2-3 — 920 Halpine Ave. Rockville — Md
ARNOLD MAGNETICS CORP., 1, Adv Pg 48 — **6050 W Jefferson Blvd. Los Angeles 6** — **Cal**
Atlas Controls Inc., 1-2-3-4 — Dept. EM, 9 Erie Dr. Natick — Mass
Bayly Engineering Ltd., 1-2-3-4 — Hunt St. Ajax — Ont
Blue M Electric Co., 3 — 138 & Chatham St. Blue Island — Ill
Brach Mfg. Corp., 1-2-3-4-5 — 200 Central Ave. Newark — NJ
Bundy Electronics Corp., 1-2-5 — 173 Fabyan Pl. Newark — NJ
California Magnetic Control Corp., 1-2-3-4-5 — 11922 Valerio St. North Hollywood — Cal
Campbell Co. Inc., Colin, 1-5 — Miry Brook Rd. Danbury — Conn
Carol Electronics Corp., 1 — 315 W. Stephen St, Martinsburg — W. Va
Chicago Electronic Engineering Co., 1-2-4 — 3223 W Armitage Ave. Chicago 47 — Ill
Coil Co. of America Inc., 1-2 — 220 Washington St. Northvale — NJ
Computers Inc., 1-2-3 — 3407 S Shepherd Dr. Houston 6 — Tex
Conrad-Carson Electronics Inc., 1-2-3-4-5 — 1437 Broadway, El Cajon — Cal
Control, Div of Magnetics, Inc., 1-2-3-4-5 — Butler — Pa
Controlomag Labs., 1-2-3 — 2450 Susquehanna, Roslyn — Pa
DIETZ DESIGN, INC., 1-2-3, Adv Pg 226 — **Grandview 6** — **Mo**
Dormeyer Industries, 3-4 — 3418 N Milwaukee Ave. Chicago 41 — Ill
Dresser Electronics, HST Div., 1-2-3-4-5 — 555 N 5th St. Garland — Tex
E. P. Electric Products Co. Ltd., 1-2-5 — 9720 Waverly St. Montreal 12 — Can
ERA Pacific, Inc., 1-2-3-4-5 — 1760 Stanford St. Santa Monica — Cal
Electro Engineering Works, 3 — 401 Preda St, San Leandro — Cal
Electronic Research Assoc, Inc., 1-2-3-4-5 — 67 Factory Pl, Cedar Grove — NJ
Epsco Inc. Components Div., 1-2-4 — 275 Massachusetts Ave. Cambridge 39 — Mass
Fairfield Controls Inc., 1-4 — 114 Manhattan St. Stamford — Conn
Forbes & Wagner, Inc., 1-2-3-4 — 345 Central Ave. Silver Creek — NY
Forest Electric Co., 1-2 — 1103 N 25th Ave. Melrose Park — Ill
FREED TRANSFORMER CO. INC., 1-2-3, Adv Pg 524 — **1736 Weirfield St. Brooklyn 27** — **NY**
GENERAL MAGNETICS, INC., 1-2, Adv Pg 543 — **Dept B, 2641 Louisiana Ave. Mapls 26** — **Minn**
Geotronic Labs. Inc., 1-2-3-4-5 — 1314 Cedar Hill Ave. Dallas 8 — Tex
Gerst & Co., Paul E., 1 — 4868 N Clark, Chicago 40 — Ill
Hadley Co. Inc., Robert M — 5112 S. Hoover St, Los Angeles 37 — Cal
Hammond Mfg Co. Ltd., 1-2-3-4 — Guelph — Ont
HARREL INC., 1-2-3-4-5, Adv Pg 332 — **1788 1st Ave. New York 28** — **NY**
Inductor Engineering Inc., 4 — 119 Schley Ave. Lewes — Del
Industrial Control Co., 1-2-4-5 — Central Ave. at Pinelawn, Farmingdale — NY
Industrial Transformer Co., 1-2-3-4-5 — Box 656, West Caldwell — NJ
Instrument Systems Corp., 1 — 129-07 18th Ave. College Point 56 — NY
Intercontinental Electronics Corp., 1-2-4 — 300 Shames Dr. Westbury 29 — NY
INTERELECTRONICS CORP., 4-5, Adv Pg 521 — **2432 Grand Concourse, New York 58** — **NY**
Johnson Electronics Inc., 1-2-3-4 — Box 1675, Casselberry — Fla
K-V Transformer Corp., 1-2-4 — 20 E. Franklin St, Danbury — Conn
KEARFOTT DIV. GEN PRECISION INC., 1-4, Adv Pg 394 — **Little Falls** — **NJ**
Lindberg Engineering Co., 3 — 2450 W Hubbard St. Chicago — Ill
Lumen, Inc., 1-2-3-4-5 — P.O. Box 905, Joliet — Ill
Magnetic Circuit Elements, Inc., 1 — 3722 Park Pl, Montrose — Cal
Magnetic Specialties Inc., 1 — Box 476, Trenton 3 — NJ
Mercury Transformer Corp., 1-4 — 12964 Panama St, Los Angeles 66 — Cal
Metropolitan Telecommunications Corp., 1-2-3-4-5 — Ames Ct. Plainview — NY
New York Coil Co. Inc., 1-2-3-4 — Phoenixville 12 — Pa
Norbatrol Electronics Corp., 1-2-3-4-5 — 356 Collins Ave, Pittsburgh 6 — Pa
OYITRON CORP., 1-2-3-4-5, Adv Pg 540 — **42-62 Johnes St. Newburgh** — **NY**
Pernal Electronics Corp., 1 — 345 Kansas St. El Segundo — Cal
Pintsch Bamag AG, 1-2-3-4-5 — Postfach 11, Butzbach, Germany
Power Equipment Co., 1-2 — Portland Way N. Galion — Ohio
Power Instruments Corp., 1-2-3-4 — 235 Oregon St. El Segundo — Cal
Precision Electronics, 1-4 — 427 Plain St. Marshfield — Mass
Pulse Engineering Inc., 4 — 560 Robert Ave. Santa Clara — Cal
Radio Dev. & Research Corp., 1-2-3-4-5 — 100 Penna. Ave. Paterson 3 — NJ
Ram Electronics, Inc., 1-2 — 600 Industrial Ave, Paramus — NJ
Research Industrial Labs. of Electronics, 1-2 — Roslyn — Pa
RIXON ELECTRONICS INC., 4-5, Adv Pg 472 — **2414 Reedie Dr. Silver Spring** — **Md**
SATURN ELECTRONICS CORP., 1-2-3-4, Adv Pg 558 — **10665 Harry Hines Blvd. Dallas 20** — **Tex**
Shawmut Engineering Co — 195 Freeport St. Boston — Mass
SIGMA INSTRUMENTS INC., 4, Adv Pgs 169-172 — **180 Pearl St. S Braintree 85** — **Mass**
Sperton Corp., 1-2-3-4-5 — 2400 E Ganson St. Jackson — Mich
Standard Electronics Div Rowes Instrument Corp., 1-2 — Linwood Rd. Farmingdale — NJ
Tenco Electronics Inc., 1-2-4 — 108 Cummington St. Boston — Mass
TOROTEL INC., 1-2-3-4, Adv Pg 496 — **5512 E 110th St. Kansas City 37** — **Mo**
TOROTRON CORP., 1-2-3-4-5, Adv Pg 234 — **256 E 3rd St. Mt Vernon** — **NY**
TORWICO ELECTRONICS INC., 1-2-3-4-5, Adv Pgs 491, 492 — **Route 70, Lakewood** — **NJ**
Trak Electronics Co. Inc., 1-4 — 49 Danbury Rd. Wilton — Conn
Transformer Engineers, 1-2-3-4-5 — 285 N. Halstead Ave, Pasadena — Cal
Transonic Inc., 1-2-4 — 808 16th St. Bakersfield — Cal
Universal Toroid Coil Winding Inc., 1-2-3-4-5 — 1718 Coit St. Irvington 11 — NJ
VARI-L CO., INC., 1 Adv Pg 126 — **Box 1433, Stamford** — **Conn**
VARO INC., 1-2-3-4-5 Adv Pg 118 — **2201 Walnut St. Garland** — **Tex**
Vickers Inc. Electric Products Div., 1-2 — 1699 Locust St. St Louis 3 — Mo
Westinghouse-Sptc. Transformer Dept., 1 — Greenville — Pa
YUTAKA ELECTRIC MFG. CO. LTD., 1-2-3-4-5, Adv Pg 266 — **1-1253 Yutaka-cho Shinagawa-ku, Tokyo** — **Jap**

READERS *-CARD & TAPE*
1. PUNCHED-CARD 2. PUNCHED-TAPE, ELECTRIC 3. PUNCHED-TAPE, PHOTOELECTRIC
Addo-X, Inc., 2 — 300 Park Ave, New York 22 — NY
Addressograph-Multigraph Corp. Electronics Div., 1-3 — 1200 Babbitt Rd. Cleveland 17 — Ohio
Advanced Instrument Corp., 3 — 1475 Powell St. Emeryville 8 — Cal
Alnelex Corp., 3 — 15 Causeway St. Boston 14 — Mass
Autonetics Div. North Amer. Aviation Inc., 2 — 9150 E Imperial Hwy. Downey — Cal
Baird-Atomic Inc., 3 — 33 University Rd. Cambridge 38 — Mass
Bell & Gossett Co., 1 — 8200 N. Austin Ave, Morton Grove — Ill
Benson-Lehner Corp., 2-3 — 1860 Franklin, Santa Monica — Cal
Boehme Inc., H. O., 3 — 915 Broadway, New York 10 — NY
Bulow Electric Co. Inc., 2-3 — 11000 Capital Ave. Oak Park — Mich
Data Equipment Co., 1-2-3 — 923 E. 3rd St, Los Angeles 13 — Cal
Dero Research & Dev. Corp., 3 — Broadway & Park Ave. Huntington — NY
Digitronics Corp., 3 — Albertson Ave, Albertson — NY
ECLIPSE PIONEER DIV. BENDIX CORP., 2-3, Adv Pgs 354, 355 — **Teterboro** — **NJ**
Electro Logic Corp., 1 — 515 Boccaccio Ave. Venice — Cal
Electronic Engineering Co., 2 — 1601 E. Chestnut Ave, Santa Ana — Cal
Epsco-West, 1-2-3 — 240 E. Palais Rd, Anaheim — Cal
Ferranti Electric Inc., 3 — Industrial Park #1, Plainview — NY
Genesys Corp., Sub. Chance Vought, 1-3 — 11531 National Blvd, Los Angeles 34 — Cal
Mickok Electrical Instrument Co., 1 — 10532 Dupont Ave. Cleveland 8 — Ohio
Hillyer Corp., 2 — 244 Sheffield St. Mountainside — NJ
Hughes Industrial Systems Div., 3 — Bldg. 11E, Mail Sta 25, Int Airport Sta. Los Angeles 45 — Cal
IBM Federal Systems Div., 1-2 — 1120 Conn. Ave. Washington 6 — DC
INDUSTRIAL TIMER CORP., 1-2, Adv Pg 381 — **1407 A McCarter Hwy. Newark 4** — **NJ**
Invac Corp., 3 — 14 Huron Dr. Natick — Mass
Jordan Controls Inc., 1 — 3225 W Hampton, Milwaukee 9 — Wis
National Cash Register Co., 1-3 — S. Main at K St, Dayton 9 — Ohio
OKI ELECTRIC INDUSTRY CO. LTD., 1-3, Adv Pg 257 — **10 Shiba Takahama-cho Minato-ku, Tokyo** — **Jap**
Omnitronics Inc. Sub. Borg-Warner Corp., 3 — 511 N Broad St. Phila 23 — Pa
Philco Corp. Govt & Ind Div., 1-3 — 4700 Wissahickon Ave. Phila 44 — Pa
Photobell Co. Inc., 3 — 12 E 22 St. New York 10 — NY
PHOTOCIRCUITS CORP., 3, Adv Pg 453 — **Glen Cove** — **NY**
POTTER INSTRUMENT CO., INC., 3, Adv Pg 195 — **Sunnyside Blvd, Plainview** — **NY**
Soroban Engineering, Inc., 2 — P.O. Box 1717, Melbourne — Fla
Stark Electronic Instruments Ltd., 1 — Box 670, Ajax — Ont
Strempel Instrument Corp., 1 — R. D. 1, Lake George — NY
Tally Register Corp., 2 — 1310 Mercer St. Seattle 9 — Wash
TAURUS CORP., 1, Adv Pg 439 — **Washington St. Lambertville** — **NJ**
TELE-DYNAMICS DIV. AMERICAN BOSCH ARMA CORP., 3, Adv Pgs 196, 197 — **5000 Parkside Ave. Philadelphia 31** — **Pa**
Telecomputing Corp., 1 — 915 N Citrus Ave. Hollywood — Cal
Teletype Corp., 2 — 5555 W. Touhy Ave, Skokie — Ill
Wang Laboratories, Inc., 2 — 12 Huron Dr, Natick — Mass

READERS *-PRINTED CHARACTER*
1. MAGNETIC 2. NONMAGNETIC (Incl. PHOTOELECTRIC)
Bell Inc., F. W., 1 — 1356 Norton Ave. Columbus 12 — Ohio
Di/An Controls, Inc., 1 — 944 Dorchester Ave. Boston — Mass
Electrada Corp., 1 — 11244 Playa St. Culver City — Cal
Electro Radiation Inc., 2 — 11916 W Pico Blvd. Los Angeles 64 — Cal
IBM Federal Systems Div., 1 — 1120 Conn. Ave. Washington 6 — DC
Link Div. Gen. Precision Inc., 2 — Binghamton — NY
National Cash Register Co., 1 — S Main at K St. Dayton 9 — Ohio
OHIO SEMICONDUCTORS, 1, Adv Pg 87 — **1205 Chesapeake Ave. Columbus 12** — **Ohio**
Omnitronics Inc. Sub. Borg-Warner Corp., 2 — 511 N Broad St. Phila 23 — Pa
Wells Industries Corp., 2 — 6880 Troost Ave. Hollywood — Cal

READOUTS *-DIGITAL* See **INDICATORS** *-DIGITAL*
REBROADCAST RECEIVERS See **RECEIVERS** *-REBROADCAST*
RECEIVERS *-AUTO* See **RECEIVERS** *-RADIO*

RECEIVERS *-CITIZENS' RADIO*
Accurate Electronics Corp — Box 935G, Elyria — Ohio
Cadre Industries Corp — P. O. Box 150, Endicott — NY
Superex Electronics Corp — 4-6 Radford Place, Yonkers — NY

RECEIVERS *-COIN-OPERATED* See **RECEIVERS** *-RADIO:* **RECEIVERS-TV**
RECEIVERS *-FACSIMILE* See **FACSIMILE EQUIPMENT**

RECEIVERS *-PAGING*
1. INDUCTIVE 2. RADIO
Cadre Industries Corp., 2 — P.O. Box 150, Endicott — NY
EMI-Cossor Electronics Ltd., 1 — Box 525 Dartmouth NS — Can
Electron Enterprises, 2 — 6917-19-21 Stanley Ave. Berwyn — Ill
General Dynamics/Electronics, 2 — 100 Carlson Rd. Rochester 3 — NY
Globe Electronics, Div. Textron Electronics, Inc., 2 — 22-30 S. 34th St., Council Bluffs — Iowa
Miratel, Inc., 2 — 1 St. SE & Richardson, New Brighton 12 — Minn
Motorola Communications & Electronics Inc., 2 — 4501 Augusta Blvd, Chicago 51 — Ill
Multitone Electronics Ltd., 1 — 130 Merton St. Toronto 7 — Can
Nuclear Electronics Corp., 2 — 2925 N. Broad St, Philadelphia 32 — Pa

Remler Co., 1	2101 Bryant St. San Francisco 10	Cal
Seeley Electronics, 2	1060 S. La Brea Ave, Los Angeles 19	Cal
Seiscor Div., Seismograph Service Corp., 2	6200 E. 41st St, P.O. Box 1590, Tulsa 1	Okla
Sparton Corp., 1-2	2400 E Ganson St. Jackson	Mich
Standard Tel. & Cables Ltd., 2	29 Glasshouse Yard, London	Eng
Tele-Communications Inc., 2	51 Drumm St. San Francisco 11	Cal
Westinghouse-TV Radio Div., 2	Metuchen	NJ

RECEIVERS – PANORAMIC

General Electronic Labs, Inc	8121 2nd Ave. Silver Spring	Md
PANORAMIC ELECTRONICS, INC Adv Pg 449	**520 S Fulton Ave. Mt. Vernon**	**NY**
POLARAD ELECTRONICS CORP Adv Pg 269-272	**43-20 34 St, Long Island City 1**	**NY**
Trak Electronics Co. Inc.	49 Danbury Rd. Wilton	Conn

RECEIVERS – RADIO COMMUNICATION

1. AIRCRAFT
2. AMATEUR
3. A-M FIXED-FREQUENCY
4. A-M TUNABLE
5. CONELRAD
6. DIVERSITY RECEPTION
7. F-M
8. MARINE
9. MICROWAVE
10. MOBILE
11. MULTIPLEX CARRIER
12. PORTABLE
13. PULSE-TIME MODULATION
14. RAILROAD
15. SINGLE-SIDEBAND
16. TELEMETERING
17. UHF
18. VHF
19. VLF
20. WWV
21. SINGLE-SIDEBAND ADAPTERS

AC Spark Plug Div., General Motors, 1-8-10-11	7929 S. Howell, Oak Creek	Wisc
ACF Electronics Div., 1-7-9-17-18-19	Riverdale	Md
Admiral Corp., 13-15-17-18	3800 W Cortland St. Chicago 47	Ill
Aeronautical Communication Equip., Inc., 1-3-4	3285 S.W. 37 Ave, Miami 33	Fla
Aeronautical Electronics, Inc., 3-7-8-9-10-12-14	Box 6527, Raleigh	NC
Aircraft Armaments, Inc., 16	Cockeysville	Md
Aircraft Radio Corp., 1-18	Boonton	NJ
Akron, Div of Litton Industries, 9	200 E. Hanover Ave, Morris Plains	NJ
Allied Radio Corp., 2	100 N Western Ave. Chicago 80	Ill
Altec Lansing Corp., 4-7	1515 S Manchester Ave. Anaheim	Cal
Alto Scientific Co. Inc., 17	855 Commercial, Palo Alto	Cal
American Bosch Arma Corp., 16	[illegible] Fulton Ave, Hempstead	NY
AMERICAN TELEVISION & RADIO CO., 4-18, Adv Pg 324	**300 E 4th St. St Paul 1**	**Minn**
Amtron Corp., 17	17 Felton St. Waltham	Mass
Antlab, Inc., 9	6330 Proprietors Rd, Worthington	Ohio
Applied Electronics Co., 3	2[illegible]1 E Grand Ave. S San Francisco	Cal
APPLIED ELECTRONICS CORP. OF NJ, 11-16, Adv Pg 518	**22 Center St. Metuchen**	**NJ**
APPLIED RESEARCH INC., 16-17-18, Adv Pg 124	**76 S Bayles Ave. Port Washington**	**NY**
Armstrong Whitworth Equipment, 17	Hucclecote, Gloucester	Eng
Arnoux Corp., 2-10-12-16	11924 W Washington Blvd, L.A. 66	Cal
Atlas Corp. Applied Dynamics Div., 9	320 Bear Hill Rd. Waltham	Mass
Avco Corp., Crosley Div., 16-18	1329 Arlington St, Cincinnati 25	Ohio
Avco Corp. Electronics & Ordnance Div., 15-19	Box 116, Cincinnati 15	Ohio
Barco Television Associates, Ltd., 17-18	27 Taber Rd. Rexdale, Ont	Ont
Bendix Corp. Bendix Radio Div., 1	Baltimore 4	Md
Bowmar Watch Co. Inc., 17	30 Cherry Ave. Waterbury	Conn
Bogart Mfg Corp., 9	315 Seigel St. Brooklyn 6	NY
Bogen-Presto Div., Siegler Corp., 4-7-11	P.O. Box 500, Paramus	NJ
Browning Labs, Inc., 3-7-11-16-19-20	100 Union Ave, Laconia	NH
Budd Electronics Inc., 1-3-4-7-8-9-10-11-16-17 18-19	43-22 Queens St. Long Island City	NY
BUDELMAN ELECTRONICS CORP., 7-9-11-17-18, Adv Pg 167	**375 Fairfield Ave. Stamford**	**Conn**
Canadian Marconi Co., 3-7-8-9-10-13-15-17-18	2444 Trenton Ave. Montreal	Que
Canoga Div., Underwood Corp., 9	15330 Oxnard St, Van Nuys	Cal
Capehart Corp., 1-3-4-7-9-11-15-17-18-19-21	87-46 123rd St. Richmond Hill 18	NY
Cerbing Electronics, 17-18	312 E Imperial Hwy. El Segundo	Cal
Chisholm Industries Ltd., 3-12	Electronic St. Port Moody B. C.	Can
Clegg Laboratories, 7-10-15-16-20-21	Rt. 53, Mt. Tabor	NJ
Collins Radio Co., 1-2-6-9-11-15-17-18-19	5200 C Ave. NE, Cedar Rapids	Iowa
Communications Co. Inc., 1-3-10-15-17-18-21	300 Greco Ave. Coral Gables 34	Fla
Computing Devices of Can. Ltd., 1-3-9-10-14-16 17-18	Box 508, Ottawa, Ont	Can
Continental Electronics Corp., 8	302 Oakland St. Brooklyn 22	NY
Commercial Manufacturing, Inc., 7-11	1612 California St, Omaha	Neb
Control Corp., 16	718 Central Ave. Minneapolis 14	Minn
CONTROL ELECTRONICS CO. INC., 9, Adv Pg 444	**10 Stepar Pl. Huntington Sta**	**NY**
Crosby Teletronics Corp., 15-21	54 Kinkel St. Westbury	NY
Dage, Inc., 1-18	Box 312, Troy	Ohio
Daystrom Inc. Military Elec. Div., 1-9-11-12 13-15-16-21	Archbald	Pa
Decitron Electronics Corp., 8-9-18-19	850 Shepherd Ave, Brooklyn 8	NY
Defense Electronics, Inc., 16-17-18-19	5451-B Randolph Rd, Rockville	Md
Del Mar Engineering Labs. Inc., 3-17-18	6901 Imperial Hwy. Los Angeles 45	Cal
Dero Research & Dev. Corp., 1-7-8-9-16	Broadway & Park Ave. Huntington	NY
Designers for Industry, 7-8-9-10-15-17-18-19	4241 Fulton Pkwy. Cleveland 9	Ohio
Diamond Antenna & Microwave Corp., 2	River St, Winchester	Mass
DORSETT ELECTRONICS, INC., 16, Adv Pg 299	**Box 862, Norman**	**Okla**
EMI-Cossor Electronics Ltd., 10-18	Box 525 Dartmouth NS	Can
EMI/US Ltd., 8	1750 N Vine St. Los Angeles 28	Cal
Electro-Voice Inc., 2	Buchanan	Mich
Electron Enterprises, 7	9917-19-21 Stanley Ave. Berwyn	Ill
Electronic Applications Inc., 7-8	194 Richmond Hill Ave. Stamford	Conn
ELECTRONIC PRODUCTS CORP., 3-17-18, Adv Pgs 545, 546	**4642 Belair Rd. Baltimore 6**	**Md**
Electronic Research & Development Co., Div. [illegible] Ltd., 3-7-17-18	322 10th St. NW, Calgary	Alb
Electronic Specialties Co., 8-12	P.O. Box 1041, Wyandotte	Mich
EMPIRE DEVICES INC., 9-17, Adv Pg 132	**Amsterdam**	**NY**
Engineering Associates, 9	434 Patterson Rd. Dayton 19	Ohio
FXR INC., 9, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Fairchild Camera & Instrument Corp. Defense Prods Div., 18	Robbins Ln. Syosset	NY
Frequency Standards Div. Harvard Industries Inc., 9-16	Box 504, Asbury Park	NJ
FUJI TSUSHINKI SEIZO K.K., 7-9-10-11-12-13-, Adv Pg 259	**2, 3-Chome, Marunouchi Chiyoda-ku Tokyo**	**Jap**
Gates Radio Co., 3-5-15	123 Hampshire St. Quincy	Ill
General Dynamics/Electronics, 1-3-4-7-9-10-13-15-17-18-19-21	1400 Carlson Rd. Rochester 3	NY
General Electronic Labs, Inc., 4-7-9-16-18	8121 2nd Ave. Silver Spring	Md
General Microwave Corp., 9	47 Gazza Blvd. Farmingdale	NY
Gilfillan Bros., Inc., 9-16	1815 Venice Blvd, Los Angeles 6	Cal
Globe Electronics, Div. Textron Electronics, Inc., 2-10-12-18	22-30 S 34th St. Council Bluffs	Iowa
Gombos Co. Inc. John, 9	Webro Rd. Clifton	NJ
Gonset Div. Young Spring & Wire Corp., 1-2-4-15	801 S Main St. Burbank	Cal
Granger Associates, 1-9-10-12	974 Commercial St. Palo Alto	Cal
Hallamore Electronics Div. Siegler Corp., 16	714 N Brookhurst Ave. Anaheim	Cal
HALLICRAFTERS CO., 1-2-3-4-5-6-7-8-9-10-11-12-13-15-16-17-18-20-21 Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
Hammarlund Mfg Co. Inc., 2-3-4-5-6-7-8-15-18-19-20-21	460 W 34 St. New York 1	NY
Heath Co. A Sub of Daystrom, Inc., 2-4-7-8-10-12-15-19-21	Benton Harbor	Mich
Hoover Electronics Co., 16	110 W Timonium Rd. Timonium	Md
Hughes Microwave Components Div., 1-12-17-18	Florence & Teale, Culver City	Cal
I.D.E.A., Inc., 7-10-18	7900 Pendleton Pike, Indianapolis 26	Ind
ITI Electronics Inc., 3-18	369 Lexington Ave. Clifton	NJ
ITT Federal Labs Div. ITT Corp., 6-9-11-17-18-19	500 Washington Ave. Nutley	NJ
Instrument Corp. of Florida, 19-20	Box 1276, Melbourne	Fla
International Crystal Mfg Co., 2	18 N Lee St. Oklahoma City	Okla
Intl. Tel. & Tel. Corp. Ind. Prods. Div., 7-14-18	15191 Bledsoe St. San Fernando	Cal
Johnson Electronics Inc., 7-11-17	Box 1675, Casselberry	Fla
Kaar Engineering Corp., 3-5-10-17	2995 Middlefield Rd. Palo Alto	Cal
Kahn Research Labs. Inc., 3-6-15-21	81 S Bergen Pl. Freeport	NY
Karg Laboratories, Inc., 3-7-11-18-20-21	162 Ely Ave. South Norwalk	Conn
Kadke & Co. Inc., 7-16	1632 Euclid St. Santa Monica	Cal
Kellogg Switchboard & Supply Co., 9-10-11	6650 S. Cicero Ave, Chicago 38	Ill
Land-Air, Inc., 1-3-4-7-10-18	7444 W. Wilson Ave, Chicago 31	Ill
Leach Corp., 16-17	18435 Susana Rd, Compton	Cal
Lear Inc., 1-9-11-13-17-16-21	3171 S Bundy Dr. Santa Monica	Cal
LEL INC., 1-9-16-17-18-19-20 Adv Pg 461	**75 Akron St. Copiague**	**NY**
Lenkurt Electric Co., Inc., 9-10-11-15-16	1105 County Rd. San Carlos	Cal
Livingston Electronic Corp., 1-18	Livingston 3	NJ
Lorain County Radio Corp., 3-8	203 9 St. Lorain	Ohio
Lynch Communication Systems Inc., 6-9-11-13-14-15-16-18	695 Bryant St. San Francisco 7	Cal
Lyncoach & Truck Co., Inc., 10	Oneonta	NY
Magnavox Co., 1-4-7-17-19	2131 Bueter Rd. Fort Wayne 4	Ind
MARCONI INSTRUMENTS, 4-7-15 Adv Pgs 401, 402	**111 Cedar La, Englewood**	**NJ**
Marconi's Wireless Telegraph Co. Ltd., 1-4-5-8-9-10-12-15-17-18	750 3rd Ave. New York 17	NY
Marquardt Corp. Pomona Div., 16	2709 N Garey Ave. Pomona	Cal
Maxson Electronics Corp., 5	475 10th Ave. New York 18	NY
Medister Instrument Co., 16	1443 Northlake Way, Seattle	Wash
Metropolitan Telecommunications Corp., 11-14-16	Ames Ct. Plainview	NY
Micro State Electronics Corp., 9	Box 301, Murray Hill	NJ
Microdot, Inc., 17-18	220 Pasadena Ave. South Pasadena	Cal
Microphase Corp., 7-8	River Rd. Cos Cob	Conn
Microwave Components, Inc., 9	Doylestown	Pa
Microwave Dynamics Corp., 9	5 Fairchild Ct. Plainview	NY
Minicard Corp. of America, 8	1913 Atlantic Ave. Atlantic City	NJ
Minitec, Inc., 3-4-5-10	1 St. SE & Richardson, New Brighton 12	Minn
MODEL ENG. & MFG. CORP., 1, Adv Pg 480	**50 Frederick St. Huntington**	**Ind**
Moore Associates, Inc., 16	893 American St. San Carlos	Cal
Morrow Radio Mfg. Co., 2-3-5-10-15	2794 Market St, Salem	Ore
Motorola Communications & Electronics, Inc., 7-9-10-14-17-18	4501 Augusta Blvd. Chicago 51	Ill
Mullard Equipment, Ltd., 15	Torrington Pl. London WC 1	Eng
National Aeronautical Corp., 1-17-18	Commerce Dr. Fort Washington	Pa
National Electronics Labs., Inc., 7-12-17-18	1713 Kalorama Rd N.W., Washington 9	DC
NATIONAL RADIO CO., 2-12-15, Adv Pg 499	**37 Washington St. Melrose 76**	**Mass**
New York Transformer Co. Inc., 3-20	3rd Ave. Alpha	NJ
NORTHERN RADIO CO., INC., 4-6-11-16, Adv Pgs 137-139	**143-145 W 22 St. New York**	**NY**
Nuclear Electronics Corp., 3-7-17	2925 N Broad St. Philadelphia 32	Pa
Olympic Radio & TV Div. Siegler Corp., 4-7-12	34-01 38 Ave. Long Island City 1	NY
PACKARD-BELL ELECTRONICS CORP. TECHNICAL PRODUCTS DIV., 1-4-7-12, Adv Pg 49	**12333 W Olympic Blvd. Los Angeles 64**	**Cal**
Pearce Simpson, Inc., 8	2295 NW 14th St. Miami 35	Fla
Philco Corp. Govt & Ind Div., 3-4-7-9-13-15-16-17-18-19	4700 Wissahickon Ave. Phila 44	Pa
Philips Electronics Ind. Ltd., 7-8-10-18	116 Vanderhoof Ave. Toronto 17	Ont
Philips' Gloeilampenfabrieken, N. V., 4-6-7-8-9-10-11-15-17-18-21	Eindhoven	Neth
Pimetronics, Inc., 1-3-12-15-17-18	Easton	Pa
POLARAD ELECTRONICS CORP., 9-17 Adv Pg 269-272	**43-20 34 St. Long Island City 1**	**NY**
Pye Telecommunications, Ltd., 3-4-7-8-9-10-11-12-17-18	Newmarket Rd. Cambridge	Eng
R.L.C. Electronics, Inc., 9	806 Mamaroneck Ave. Mamaroneck	NY
R M S Engineering Inc., 19	95 Bennett St. NW, Atlanta 9	Ga
R S ELECTRONICS CORP., 7-16-17-18, Adv Pg 305	**Box 11368, Sta A, Palo Alto**	**Cal**
Racal Engineering Ltd., 2-6-7-8-10-15-21	Western Rd. Bracknell, Berks	Eng
Radiation Inc., 16	Melbourne	Fla
Radio Corp. of America, Defense Electronic Prods. 1-3-4-6-7-13-15-21	Bldg. 15-2 Camden	NJ
RADIO CORP. OF AMERICA, INDL ELECTRONIC PRODS., 6-7-8-9-10-11-15-17-18-21 Adv Pg 391	**Front & Cooper, Camden**	**NJ**
Radio Engineering Labs. Inc., 6-7-9-11-15-17-18	29-01 Borden Ave. Long Island City 1	NY
Radio Specialty Mfg. Co., 12	2023 S.E. Sixth Ave, Portland 14	Ore
Ratelco, 5	820 Minor Ave. N, Seattle	Wash
RAYTHEON CO. COMMER APPAR & SYSTEMS DIV., 8, Adv Pg 41	**225 Crescent St. Waltham 54**	**Mass**
Raytheon Co. Commun & Data Process Oper., 9-10-11-12-13-16	145 Boston-Providence Tpk., Norwood	Mass
Raytheon Co. Govt Mktg., 9-11-12-13-16	Lexington 73	Mass
RONDE & SCHWARZ, USA INC., 19, Adv Pg 403	**Box 275, Passaic**	**NJ**
Rowe Industries, 8	1702 Wayne St, Toledo 9	Ohio
Ryan Electronics Div. Ryan Aero. Co., 9-16	5650 Kearny Mesa Rd. San Diego 12	Cal
Savoy Electronics Inc., 8	1314 NE 17 Ct. Box 7127, Ft Lauderdale	Fla
Schjeldahl Co., G.T., 16	P.O. Box 170, Northfield	Minn
Seeley Electronics, 3-7-10-18	1060 S. La Brea Ave, Los Angeles 19	Cal
Seiscor Div. Seismograph Service Corp., 3-12-18	6200 E 41 St. Tulsa	Okla
SERVO CORP OF AMERICA, 7-15-16-17-18, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
SHINWA TSUSHINKI, K. K., 3-4, Adv Pg 260	**943 4-chome Shimotakaido, Suginami-ku Tokyo**	**Jap**
Sierra Research Corp., 16	P.O. Box 22, Buffalo 25	NY
Simmonds Precision Prods Inc., 13-17-18	105 White Plains Rd. Tarrytown	NY
SOLID STATE ELECTRONICS CO., 16 Adv Pg 238	**Dept E 15321 Rayen St. Sepulveda**	**Cal**
Sorensen Industrial Electronic Co., 2-5-8-10	Route 10, Dover	NJ
Space Electronics Corp., 1-16-18-19	930 Air Way, Glendale 1	Cal
Sparton Corp., 1-3-4-7-8-9-10-11-13-17-18-19	2400 E Ganson St. Jackson	Mich
Speciality Electronics Development Corp., 4-7-18	115 Eileen Way, Syosset	NY
SPECIFIC PRODUCTS, 19-20, Adv Pg 556	**Box 425, Woodland Hills**	**Cal**
Spectra Electronics Co., 12-17-18-19	250 E. 3rd St, Mt. Vernon	NY
Sperry Microwave Electronics Co., 9	Box 1828, Clearwater	Fla
Spilsbury & Tindall Ltd., 3-7-8-10-12-15-18	120 E Cordova St. Vancouver 4	BC
Standard Tel. & Cables Ltd., 1-3-4-7-9-10-11 12-14-15-16-17-18	29 Glasshouse Yard, London	Eng
STODDART AIRCRAFT RADIO CO. INC., 19, Adv Pgs 455, 456	**6644 Santa Monica Blvd. Hollywood 38**	**Cal**
Suprex Electronics Corp., 12	4-6 Radford Place, Yonkers	NY
Sylvania Electronic Systems, 1	63 Second Ave, Waltham	Mass
Taffet Electronics Inc., 3-4-12	2775 Bklyn-Qns Exp W, Woodside 77	NY
Tapetone, Inc. 2-17-18	Box 46, Webster	Mass
TECHNICAL MATERIEL CORP., 2-3-4-6-8-10-15, Adv Pg 346	**700 Fenimore Rd. Mamaroneck**	**NY**
Technical Products Co., 21	6670 Lexington Ave. Los Angeles 38	Cal
Tele-Communications Inc., 3-6-18	51 Drumm St. San Francisco 11	Cal
TELE-DYNAMICS DIV. AMERICAN BOSCH ARMA CORP., 16, Adv Pgs 196, 197	**5000 Parkside Ave. Philadelphia 31**	**Pa**
Telechrome Mfg Corp., 1-2-3-4-5-6-7-8-10-15-16-17-18-19-20-21	195 Dixon Ave. Amityville	NY
Telemetrics, Inc., 13-15	12927 S Budlong, Gardena	Cal
Telephonics Corp., 12-17-18	Park Ave, Huntington	NY
TELERAD DIV. LIONEL CORP., 9, Adv Pgs 220, 221	**Rt 69, Flemington**	**NJ**
Texas Instruments Incorporated, Apparatus Div. Govt Prods Gr., 9-16	Box 6015, Dallas 22	Tex
Thompson Ramo Wooldridge Inc. Tapco Group, 16	23555 Euclid Ave. Cleveland 17	Ohio
Topp Industries, Inc., 1-4-17-18	5221 W. 102 St, Los Angeles 45	Cal
Trans-Tel Corp., 7	910 N. Orange Dr, Los Angeles 38	Cal
Vega Electronics Corp., 7-12	10781 N Hwy 9, Cupertino	Cal
VICTOREEN INSTRUMENT CO., COMPONENTS DIV., 7 Adv Pgs 466, 493	**5806 Hough Ave. Cleveland 3**	**Ohio**
Virginia Electronics Co., Inc., 8-10-12	5700 River Rd. Washington 16	DC
Vitro Corp of America, 6-16-17-18-19	261 Madison Ave. New York 16	NY
VITRO ELECTRONICS DIV. VITRO CORP., 6-16-17-18 Adv Pgs 309, 310	**919 Jesup Blair Dr. Silver Spring**	**Md**
Watkins-Johnson Co., 9-16	3333 Hillview Ave, Palo Alto	Cal
Westinghouse-Electronics Div., 8-9-10-11-12-15-17-18-19	Baltimore	Md
Westinghouse-TV Radio Div., 18	Metuchen	NJ
Westrex Corp. Div. Litton Industries, 3-4-6-10 11-15-21	540 W 58th St. New York 19	NY
Wilcox Electric Co., 1-3-15-17-18-21	1400 Chestnut St. Kansas City	Mo
Wiley Electronic Products Co., 16	2045 W Cheryl Dr. Phoenix	Ariz
Wunder Aircraft Corp., 1-3-15-16-17-18-19	Dunnellon Air Base, Dunnellon	Fla
Zenith Radio Corp., 2-15-20	6001 Dickens Ave, Chicago 39	Ill

RECEIVERS – RADIO, ENTERTAINMENT

1. A-M ALL-WAVE
2. A-M BROADCAST
3. A-M/F-M
4. AUTO, HYBRID
5. AUTO, TRANSISTOR
6. AUTO, TUBE
7. COIN-OPERATED
8. F-M
9. PORTABLE, ALL-WAVE
10. PORTABLE, TRANSISTOR
11. PORTABLE, TUBE
12. STEREO

AIWA CO. LTD., 10, Adv Pg 264	**4 [illegible]-cho, Kanda Chiyoda-ku, Tokyo**	**Jap**
Allied Radio Corp., 3-12	100 N Western Ave. Chicago 80	Ill
Altec Lansing Corp., 12	1515 S Manchester Ave. Anaheim	Cal
American Elite, Inc. (Telefunken), 1-3-10	48-50 34 St. Long Island City 1	NY
AMERICAN TELEVISION & RADIO CO., 2-6, Adv Pg 324	**300 E 4th St. St Paul 1**	**Minn**
Arvin Industries Inc., 2-3-8-9-10-12	Columbus	Ind
Audio Industries, Inc	Michigan City	Ind
Audiotronics Corp., 2-3	11057 Weddington St. North Hollywood	Cal
Automatic Radio Mfg Co. Inc., 2-3-4-5-6-8-10	122 Brookline Ave. Boston	Mass
Bell Sound Div. TRW Inc., 3-12	555 Marion Rd. Columbus 7	Ohio
Bogen-Presto Div. Siegler Corp., 1-2-3-8-12	Box 500, Paramus	NJ
Braun, Max, 1-3-10	22 Ruesselsheimerstr. Frankfurt/Main	Ger
Browning Labs., Inc., 1-3-8-12	100 Union Ave, Laconia	NH
CBS Electronics, A Div. CBS Inc., 10	100 Endicott St. Danvers	Mass
Calbest Electronics Co., 2-3-8-10-12	4801 Exposition Blvd. Los Angeles 16	Cal
Capehart Corp., 1-2-3-8-12	87-46 123rd St. Richmond Hill 18	NY
Channel Master Co., 2-10	Ellenville	NY
Chisholm Industries Ltd., 1-2-3-12	Electronic St. Port Moody B. C.	Can
Crosby Teletronics Corp., 3-8-12	54 Kinkel St. Westbury	NY
Delco Radio Div. GMC, 4-5-6	700 E Firmin St. Kokomo	Ind
Designers for Industry, 1-2-3-9-10-12	4241 Fulton Pkwy. Cleveland 9	Ohio
Dukane Corp., 3	St Charles	Ill
Election Enterprises, 2	9917-19-21 Stanley Ave, Berwyn	Ill
Faron Electronic Industries Inc., 2-3-8	439 Frelinghuysen Ave. Newark	NJ
Flush Wall Radio Co., 2-3	1012 Cleveland St, Clearwater	Fla
General Dynamics/Electronics, 2-3-8-12	1400 Carlson Rd. Rochester 3	NY
General Instrument of Canada Ltd., 1-2-3-4-5-12	151 Weber St. S, Waterloo	Ont
HALLICRAFTERS CO., 1-2-3-10, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
Hammarlund Mfg Co. Inc., 1-2	460 W 34 St. New York 1	NY
Harman-Kardon, Inc., 3-8	Ames Ct. Plainview	NY
Heath Co. A Sub of Daystrom, Inc., 1-2-3-8-9-10-12	Benton Harbor	Mich
I.D.E.A., Inc., 2-10	7900 Pendleton Pike, Indianapolis 26	Ind
International Research Associates, 10	2221 Warwick Ave. Santa Monica	Cal
K L H Research & Development Corp., 8	30 Cross St, Cambridge 39	Mass
Kahn Research Labs. Inc., 2	81 S Bergen Pl. Freeport	NY
Karg Laboratories, Inc., 3-8-12	162 Ely Ave. South Norwalk	Conn
Magnavox Co., 1-2-3-8-9-10-12	2131 Bueter Rd. Fort Wayne 4	Ind
Midwest Audio Corp., 4-5	3800 W North Ave. Chicago 47	Ill
Molded Insulation Co., 2	335 E Price St. Philadelphia 44	Pa
NATIONAL RADIO CO., 1-2-9-11, Adv Pg 499	**37 Washington St. Melrose 76**	**Mass**

NEW HOPE INDUSTRIAL CO. LTD., 1-3-9-10, Adv Pg 262 — 48 1-Cho, Nanbacho, Sakai, Osaka — Japan
Newcomb Audio Products Co., 2-3-8 — 6824 Lexington Ave, Hollywood 38 — Cal
Olympic Radio & TV Div. Siegler Corp., 1-2-3-12 — 34-01 38 Ave. Long Island City 1 — NY
PACKARD-BELL ELECTRONICS CORP. TECHNICAL PRODUCTS DIV., 2-3-8-10-11-12, Adv Pg 49 — 12333 W Olympic Blvd. Los Angeles 64 — Cal
Philips' Gloeilampenfabrieken, N. V., 1-12 — Eindhoven — Neth
Philmore Mfg. Co. Inc., 2 — 130-01 Jamaica Ave. Richmond Hill 18 — NY
Pilot Radio Corp., 12 — 37-06 36th St. Long Island City — NY
Rheem Califone Corp., 3 — 1020 N. La Brea Ave, Hollywood 38 — Cal
RIBET DESJARDINS, 1-2-3-9-10-12, Adv Pgs 229-232 — 13-17 Rue Perier, Montrouge Seine — Fr
Sarkes Tarzian Inc. Broadcast Eqpt Div., 3-5-8 — E Hillside Dr. Bloomington — Ind
Setchell-Carlson, Inc., 12 — New Brighton, St Paul 12 — Minn
Sherwood Electronic Labs. Inc., 3-12 — 4300 N California Ave. Chicago 18 — Ill
SHINWA TSUSHINKI, K. K., 3, Adv Pg 260 — 943 4-chome Shimotsuruma, Sagamihara Tokyo — Jap
SONY CORP., 1-2-3-10, Adv Pg 261 — 514 Broadway, New York 12 — NY
Sparton Corp., 2-3-8-12 — 2400 E Ganson St. Jackson — Mich
Superex Electronics Corp., 2-10 — 4-6 Radford Place, Yonkers — NY
Sylvania Elec Prods Inc. Home Electronics Div., 2-3-8-10-11 — 700 Ellicott St. Batavia — NY
Taffet Electronics Inc., 1-2 — 27-01 Bklyn-Qns Exp W, Woodside 77 — NY
Translite Electronics Corp., 2 — 5720 W. Armitage Ave, Chicago 39 — Ill
Trans-Tel Corp., 8 — 910 N. Orange Dr, Los Angeles 38 — Cal
Trav-Ler Radio Corp., 2-3-8-10-12 — 571 W Jackson Blvd. Chicago — Ill
Trutone Electronics, Inc., 3-8-12 — 6912 Santa Monica Blvd. Hollywood 38 — Cal
VICTOREEN INSTRUMENT CO., COMPONENTS DIV., 8 Adv Pgs 466, 493 — 5806 Hough Ave. Cleveland 3 — Ohio
Vitro Electronics Corp., 8 — 65 Wallace St. New Haven 11 — Conn
Webcor, Inc., 2-3-10 — 5610 Bloomingdale Ave. Chicago 39 — Ill
Westinghouse-TV Radio Div., 1-2-3-8-9-10-11 — Metuchen — NJ
Zenith Radio Corp., 1-2-3-8-9-10-11 — 6001 Dickens Ave, Chicago 39 — Ill

RECEIVERS –RADIO NAVIGATION

1. AUTOMATIC ALARM, SHIP
2. BEACON
3. DIRECTION FINDER
4. DIRECTION FINDER, AUTOMATIC
5. LORAN
6. VHF OMNIRANGE

A.R.F. Products Inc., 3 — 7627 Lake St. River Forest — Ill
Aeronautical Communication Eqpt. Inc., 2 — 3090 SW 37th Ave. Miami 33 — Fla
Aircraft Radio Corp., 4-6 — Boonton — NJ
ANDERSEN LABS. INC., 3-4, Adv Pg 426 — 501 New Park Ave. W Hartford — Conn
Applied Electronics Co., 3 — 213 E. Grand Ave, South San Francisco — Cal
Avco Corp., Crosley Div., 3 — 1329 Arlington St. Cincinnati 25 — Ohio
Bendix Corp. Bendix Radio Div., 4-6 — Baltimore 4 — Md
Benrus Watch Co. Inc., 6 — 30 Cherry Ave. Waterbury — Conn
Budd Electronics Inc., 2-6 — 43-22 Queen St. Long Island City — NY
Canadian Marconi Co., 1-3-4-5-6 — 2444 Trenton Ave, Montreal — Que
Capehart Corp., 3 — 87-46 123rd St. Richmond Hill 18 — NY
Computing Devices of Can. Ltd., 2-3-4-6 — Box 508, Ottawa, Ont — Can
CONTROL ELECTRONICS CO. INC., 4, Adv Pg 444 — 10 Stepar Pl. Huntington Sta — NY
Dale, Inc., 1-2-3-4 — Box 312, Troy — Ohio
Daystrom Inc. Military Elec. Div., 2-3-4 — Archbald — Pa
Decitron Electronics Corp., 5 — 850 Shephard Ave. Brooklyn 8 — NY
Defense Electronics, Inc., 3-4 — 5451-B Randolph Rd, Rockville — Md
Edo Corp., 5 — College Point 56 — NY
Electronic Specialty Co., 1-2-3-4 — 5121 San Fernando Rd. Los Angeles 39 — Cal
EMPIRE DEVICES INC., 2-4, Adv Pg 132 — Amsterdam — NY
General Communication Co., 2 — 677 Beacon St, Boston 15 — Mass
General Dynamics/Electronics, 2-3-4 — 100 Carlson Rd. Rochester 3 — NY
General Electronic Labs, Inc., 3 — 8521 2nd Ave. Silver Spring — Md
Gilfillan Bros., Inc., 2 — 1815 Venice Blvd, Los Angeles 6 — Cal
Hallamore Electronics Div. Siegler Corp., 2 — 714 N Brookhurst Ave. Anaheim — Cal
HALLICRAFTERS CO., 2, Adv Pg 385 — 4401 W 5th St. Chicago 24 — Ill
Hammarlund Mfg Co. Inc., 3 — 460 W 34 St. New York 1 — NY
Heath Co., A Sub of Daystrom, Inc., 2-3 — Benton Harbor — Mich
ITT Federal Labs Div. ITT Corp., 2-3-4-5-6 — 500 Washington Ave. Nutley — NJ
International Research Associates, 3 — 2221 Warwick Ave. Santa Monica — Cal
Kaar Engineering Corp., 3 — 2995 Middlefield Rd, Palo Alto — Cal
LEL INC., 2 Adv Pg 461 — 75 Akron St. Copiague — NY
Livingston Electronic Corp., 2-6 — Livingston 3 — NJ
Magnavox Co., 3-4 — 2131 Bueter Rd. Fort Wayne 4 — Ind
Marconi's Wireless Telegraph Co. Ltd., 1-3-4-6 — 750 3rd Ave. New York 17 — NY
Maxson Electronics Corp., 2 — 475 10th Ave. New York 18 — NY
Minicord Corp. of America, 3 — 1913 Atlantic Ave. Atlantic City — NJ
MODEL ENG. & MFG. CORP., 4-5, Adv Pg 480 — 50 Frederick St. Huntington — Ind
National Aeronautical Corp., 4-6 — Commerce Dr. Fort Washington — Pa
NATIONAL RADIO CO., 3, Adv Pg 499 — 37 Washington St. Melrose 76 — Mass
OKI ELECTRIC INDUSTRY CO. LTD., 5, Adv Pg 257 — 10 Shiba Takahama-cho Minato-ku, Tokyo — Jap
Olympic Radio & TV Div. Siegler Corp., 3-4 — 34-01 38 Ave. Long Island City 1 — NY
Orion Electronic Corp., 1-2-3-4-5-6 — 108 Columbus Ave, Tuckahoe — NY
PACKARD-BELL ELECTRONICS CORP. TECHNICAL PRODUCTS DIV., 2-4, Adv Pg 49 — 12333 W Olympic Blvd. Los Angeles 64 — Cal
Philco Corp., Gov't & Ind'l Div., 5-6 — 4700 Wissahickon Ave, Philadelphia 44 — Pa
Philips Electronics Ind. Ltd., 2-6 — 116 Vanderhoof Ave. Toronto 17 — Ont
Planetronics, Inc., 3-4 — Easton — Pa
POLARAD ELECTRONICS CORP., 5, Adv Pg 269-272 — 43-20 34 St, Long Island City 1 — NY
Pye Telecommunications, Ltd., 3 — Newmarket Rd. Cambridge — Eng
R S ELECTRONICS CORP., 2, Adv Pg 305 — Box 11368, Sta A, Palo Alto — Cal
Racal Engineering Ltd., 3 — Western Rd. Bracknell, Berks — Eng
Radio Corp. of America, Defense Electronic Prods. 2-5 — Bldg. 15-2 Camden — NJ
RADIO CORP. OF AMERICA, INDL ELECTRONIC PRODS., 1-2-3-5, Adv Pg 391 — Front & Cooper, Camden — NJ
Railway Communications, Inc., 5 — 9351 E 59 St. Raytown — Mo
RAYTHEON CO. COMMER APPAR & SYSTEMS DIV., 3, Adv Pg 41 — 225 Crescent St. Waltham 54 — Mass
Raytheon Co. Govt Mktg., 2 — Lexington 73 — Mass
Rediffon Ltd., 1-2 — Broomhill Rd. Wandsworth, London SW18 — Eng
Remler Co., 2 — 2101 Bryant St. San Francisco 10 — Cal
Resdel Engineering Corp., 4 — 330 S Fair Oaks Ave. Pasadena — Cal
SERVO CORP. OF AMERICA, 2-3-4-6, Adv Pg 314 — 111 New South Rd. Hicksville — NY
Simmonds Precision Prods Inc., 2 — 105 White Plains Rd. Tarrytown — NY
Sparton Corp., 2-3-4-6 — 2400 E Ganson St. Jackson — Mich
Specialty Electronics Development Corp., 3 — 115 Eileen Way, Syosset — NY
Spectra Electronics Co., 2 — 250 E. 3rd St, Mt. Vernon — NY
Sperry Gyroscope Co. Div. Sperry Rand Corp., 2-5 — Great Neck — NY
Standard Tel. & Cables Ltd., 3-4 — 29 Glasshouse Yard, London — Eng
Telechrome Mfg Corp., 2-3 — 185 Dixon Ave. Amityville — NY
Televiso Corp., 4 — Wheeling & Exchange Rds. Wheeling — Ill
Topp Industries, Inc., 4-6 — 5221 W. 102 St, Los Angeles 45 — Cal
Virginia Electronics Co., Inc., 2 — 5209 River Rd, Washington 16 — DC
VITRO ELECTRONICS DIV. VITRO CORP., 19, Adv Pgs 309, 310 — 919 Jesup Blair Dr. Silver Spring — Md
Westinghouse-Electronics Div., 3-4 — Baltimore — Md
Wilcox Electric Co., 2-3-4-6 — 1400 Chestnut St. Kansas City — Mo
Winder Aircraft Corp., 5 — Dunnellon Air Base, Dunnellon — Fla
Zenith Radio Corp., 3 — 6001 Dickens Ave, Chicago 39 — Ill

RECEIVERS –REBROADCAST

Browning Labs., Inc — 100 Union Ave, Laconia — NH
Budd Electronics Inc — 43-22 Queen St. Long Island City — NY
General Electronic Labs, Inc — 8521 2nd Ave. Silver Spring — Md
HALLICRAFTERS CO., Adv Pg 385 — 4401 W 5th St. Chicago 24 — Ill
Kahn Research Labs. Inc — 81 S Bergen Pl. Freeport — NY
Karg Laboratories, Inc — 162 Ely Ave. South Norwalk — Conn
Orion Electronic Corp — 108 Columbus Ave. Tuckahoe — NY
R S ELECTRONICS CORP., Adv Pg 305 — Box 11368, Sta A, Palo Alto — Cal
Radio Engineering Labs. Inc — 29-01 Borden Ave. Long Island City 1 — NY
Redifon, Ltd — Broomhill Rd, Wandsworth, London SW18 — England
Sparton Corp — 2400 E Ganson St. Jackson — Mich
TECHNICAL MATERIEL CORP., Adv Pg 346 — 700 Fenimore Rd. Mamaroneck — NY
Vitro Corp of America — 261 Madison Ave. New York 16 — NY
VITRO ELECTRONICS DIV. VITRO CORP, Adv Pgs 309, 310 — 919 Jesup Blair Dr. Silver Spring — Md

RECEIVERS –SEARCH & COUNTERMEASURE

ACF Electronics Div — Riverdale — Md
APPLIED RESEARCH INC., Adv Pg 124 — 76 S Bayles Ave. Port Washington — NY
Applied Technology, Inc — 930 Industrial Ave. Palo Alto — Cal
Budd Electronics Inc — 43-22 Queen St. Long Island City — NY
Computing Devices of Can. Ltd — Box 508, Ottawa, Ont — Can
Daystrom Inc. Military Elec. Div — Archbald — Pa
Decitron Electronics Corp — 850 Shephard Ave. Brooklyn 8 — NY
Defense Electronics, Inc — 5451-B Randolph Rd, Rockville — Md
Electronic Specialty Co. — 5121 San Fernando Rd. Los Angeles 39 — Cal
EMPIRE DEVICES INC., Adv Pg 132 — Amsterdam — NY
General Electronic Labs, Inc — 8521 2nd Ave. Silver Spring — Md
General Microwave Corp — 47 Gazza Blvd. Farmingdale — NY
Gilfillan Bros., Inc — 1815 Venice Blvd, Los Angeles 6 — Cal
Granger Associates — 974 Commercial St, Palo Alto — Cal
HALLICRAFTERS CO., Adv Pg 385 — 4401 W 5th St. Chicago 24 — Ill
ITT Federal Labs Div. ITT Corp — 500 Washington Ave. Nutley — NJ
Loral Electronics Corp — 825 Bronx River Ave, New York 72 — NY
Martin Co — Mail No. G1037, Baltimore 3 — Md
Maxson Electronics Corp — 475 10th Ave. New York 18 — NY
Orion Electronic Corp — 108 Columbus Ave. Tuckahoe — NY
PACKARD-BELL ELECTRONICS CORP. TECHNICAL PRODUCTS DIV., Adv Pg 49 — 12333 W Olympic Blvd. Los Angeles 64 — Cal
POLARAD ELECTRONICS CORP, Adv Pg 269-272 — 43-20 34 St, Long Island City 1 — NY
R S ELECTRONICS CORP., Adv Pg 305 — Box 11368, Sta A, Palo Alto — Cal
Radio Corp. of America, Defense Electronic Prods. — Bldg. 15-2 Camden — NJ
Railway Communications, Inc — 9351 E 59 St. Raytown — Mo
SANDERS ASSOCIATES INC., Adv Pg 380 — 95 Canal St. Nashua — NH
SERVO CORP OF AMERICA, Adv Pg 314 — 111 New South Rd. Hicksville — NY
Simmonds Precision Prods Inc — 105 White Plains Rd. Tarrytown — NY
Space Electronics Corp — 930 Air Way, Glendale 1 — Cal
Sparton Corp — 2400 E Ganson St. Jackson — Mich
Spectra Electronics Co — 250 E 3rd St, Mt. Vernon — NY
Sperry Gyroscope Co. Div. Sperry Rand Corp — Great Neck — NY
Sylvania Electronic Systems — 63 Second Ave, Waltham — Mass
TECHNICAL MATERIEL CORP., Adv Pg 346 — 700 Fenimore Rd. Mamaroneck — NY
Vitro Corp of America — 261 Madison Ave. New York 16 — NY
VITRO ELECTRONICS DIV. VITRO CORP, Adv Pgs 309, 310 — 919 Jesup Blair Dr. Silver Spring — Md
Watkins-Johnson Co — 3333 Hillview Ave. Palo Alto — Cal
Westinghouse-Electronics Div — Baltimore — Md

RECEIVERS –SONAR See SONAR

RECEIVERS-TV

1. BATTERY PORTABLE
2. BLACK-AND-WHITE
3. COIN-OPERATED
4. COLOR
5. PROJECTION

AMERICAN TELEVISION & RADIO CO., 2, Adv Pg 324 — 300 E 4th St. St Paul 1 — Minn
Andrea Radio Corp., 2 — 27-01 Bridge Pl N., Long Island City 1 — NY
Cabinet Electronics Co., 2-3 — 4511 Exposition Blvd. Los Angeles 16 — Cal
Clairtone Industries Ltd., 2 — Electronic St. Port Moody B. C — Can
Conrac Div., 2 — Glendora — Cal
Designers for Industry, 2 — 4241 Fulton Pkwy, Cleveland 9 — Ohio
Magnavox Co., 2-4 — 2131 Bueter Rd. Fort Wayne 4 — Ind
Miratel, Inc., 2 — 1 St. SE & Richardson, New Brighton 12 — Minn
Olympic Radio & TV Div. Siegler Corp., 2-4 — 34-01 38 Ave. Long Island City 1 — NY
PACKARD-BELL ELECTRONICS CORP. TECHNICAL PRODUCTS DIV., 2-4, Adv Pg 49 — 12333 W Olympic Blvd. Los Angeles 64 — Cal
Philco Corp. Govt & Ind Div., 2 — 4700 Wissahickon Ave. Phila 44 — Pa
Philips' Gloeilampenfabrieken, N. V., 2 — Eindhoven — Neth
RIBET DESJARDINS, 2, Adv Pgs 229-232 — 13-17 Rue Perier, Montrouge Seine — Fr
Setchell-Carlson, Inc., 2 — New Brighton, St Paul 12 — Minn
Sparton Corp., 2 — 2400 E Ganson St. Jackson — Mich
Sylvania Elec Prods Inc. Home Electronics Div, 2 — 700 Ellicott St. Batavia — NY
Trav-Ler Radio Corp., 2 — 571 W Jackson Blvd. Chicago — Ill
Wells-Gardner Electronics Corp., 2 — 2701 N Kildare Ave. Chicago 39 — Ill
Westinghouse-TV Radio Div., 1-2 — Metuchen — NJ
Zenith Radio Corp., 2 — 6001 Dickens Ave, Chicago 39 — Ill

RECEIVERS-WWV See RECEIVERS –RADIO COMMUNICATION
RECEIVING COUPLERS See COUPLERS –RECEIVING
RECEPTACLES See CONNECTORS: JACKS: PLUGS
RECORD CHANGERS See PHONOGRAPHS

RECORDERS –AIRCRAFT, CRASH-PROOF

American Concertone, Inc — 9449 W Jefferson Blvd. Culver City — Cal
Minn-Honeywell, Military Prods Gr — 2600 Ridgway Rd. Minneapolis 13 — Minn
Olympic Radio & TV Div. Siegler Corp — 34-01 38 Ave. Long Island City 1 — NY

RECORDERS –ANTENNA RADIATION PATTERN

AIRBORNE INSTRUMENTS LAB. DIV. CUTLER-HAMMER INC., Adv Pg 151 — Comac Rd. Deer Park — NY
Scientific-Atlanta Inc — 2162 Piedmont Rd. NE, Atlanta 9 — Ga
Sperry Microwave Electronics Co — Box 1828, Clearwater — Fla

RECORDERS –BLOOD PRESSURE, ELECTRONIC

ASSOCIATED RESEARCH, INC., Adv Pg 218 — 3788 W Belmont Ave. Chicago 18 — Ill
Ensco, Inc — 3100 Eldredge St. Salt Lake City — Utah
Epsco Medical Div. Epsco Inc — 275 Mass Ave. Cambridge 39 — Mass

RECORDERS –CONDUCTIVITY, ELECTRONIC

Foxboro Co., The — Foxboro — Mass
Hagan Chemicals & Controls, Inc — Hagan Center, Pittsburgh 30 — Pa
Industrial Instruments, Inc — 89 Commerce Rd, Cedar Grove — NJ
Magnaflux Corp — 7325 W Lawrence Ave. Chicago 31 — Ill

RECORDERS –DENSITY See RECORDERS –SPECIFIC GRAVITY
RECORDERS –DEPTH See DEPTH SOUNDERS
RECORDERS –DIGITAL See PRINTERS

RECORDERS –DISK

Bergen Labs., Inc — 60 Spruce St. Paterson 1 — NJ
Components Corp — Denville — NJ
Gotham Audio Corp — 2 W. 46 St, New York 36 — NY
Gray Mfg. Co — Dept 67, 16 Arbor St. Hartford 1 — Conn

RECORDERS –DRUM, MAGNETIC

Alwac Computer Div. El-Tronics, Inc — 13040 S Cerise, Hawthorne — Cal
Clary Corp — 408 Junipero St, San Gabriel — Cal
Cook Technological Center — 6401 Oakton St, Morton Grove — Ill
Data Equipment Co — 923 E. 3rd St, Los Angeles 13 — Cal
Electrodynamic Instrument Corp — 1841 Old Spanish Trail, Houston 25 — Tex
El-Tronics Inc — 20 S. 15th St, Philadelphia 2 — Pa
Idaho Maryland Ind. Inc. Magnetics Div — 4310 San Fernando Rd, Glendale — Cal
Instrument Systems Corp — 129-07 18th Ave. College Point 56 — NY
Mandrel Industries Inc — 5134 Glenmont, Houston 36 — Tex
Pitometer Log Corp — 237 Lafayette St, New York 12 — NY
Rank Cintel Ltd — Worsley Bridge Rd, London S.E. 26, England
Texas Instruments Incorporated, Apparatus Div. Ind Prods Gr — 3609 Buffalo Spdwy. Houston 6 — Tex
West Coast Research Corp — 2102 S Sepulveda Blvd. Los Angeles — Cal

RECORDERS –ELECTRONIC SELF-BALANCING See RECORDERS –GRAPHIC
RECORDERS –FACSIMILE See FACSIMILE EQUIPMENT

RECORDERS –FILM (WITH SPROCKETED HOLES)

1. EMBOSSED
2. MAGNETIC
3. PHOTOGRAPHIC

KINESCOPE See RECORDERS –KINESCOPE FILM

Ampex Computer Products Co., 2 — Box 329, Culver City — Cal
Bach Auricon, Inc., 2-3 — 6924 Romaine St, Hollywood 38 — Cal
CBS Laboratories, 3 — 227 High Ridge Rd, Stamford — Conn
Computing Devices of Can. Ltd., 3 — Box 508, Ottawa, Ont — Can
Ferranti Electric Inc., 2 — Industrial Park #1, Plainview — NY
Flight Research, Inc., 3 — P.O. Box 1-F, Richmond 1 — Va
Geotechnical Corp., 3 — 3401 Shiloh Rd, Garland — Tex
Gordon Enterprises, 3 — 5362 N Cahuenga Blvd, N Hollywood — Cal
Magnasync Corp., 2 — 5546 Satsuma Ave, North Hollywood — Cal
National Cine Equipment, Inc., 3 — 209 W. 48 St, New York — NY
Nugent Electronics Co. Inc., 3 — 802 E 8th St. New Albany — Ind
Par Products Corp., 3 — 922 Colorado Ave. Santa Monica — Cal
Photographic Instrumentation Development Co., 3 — 13458 Ventura Blvd, Tarzana — Cal
Photomechanisms Inc., 3 — 15 Stepar Pl. Huntington Sta — NY
Sangamo Electric Co., 2 — 1301 N. 11 St. Springfield — Ill
Stancil-Hoffman Corp., 2 — 845 N Highland Ave. Hollywood 38 — Cal
Westrex Corp. Div. Litton Industries, 1-2 — 540 W 58th St. New York 19 — NY

RECORDERS –FLUID FLOW, ELECTRONIC

ERIE-PACIFIC DIV. ERIE RESISTOR CORP., Adv Pg 206 — 12932 S Weber Way, Hawthorne — Cal
Fischer & Porter Co — 476 Warminster Rd, Warminster — Pa
Foxboro Co., The — Foxboro — Mass
Taylor Instrument Cos — 95 Ames St. Rochester — NY
Waugh Engineering Co — 7842 Burnet Ave. Van Nuys — Cal

RECORDERS –FREQUENCY

Computer-Measurements Co — 12970 Bradley Ave. Sylmar — Cal
ERIE-PACIFIC DIV. ERIE RESISTOR CORP., Adv Pg 206 — 12932 S Weber Way, Hawthorne — Cal
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9 — 1 River Rd. Schenectady 5 — NY
Geotechnical Corp — 3401 Shiloh Rd. Garland — Tex
Larson Instrument Co — Greenbush Rd. Orangeburg — NY
PANORAMIC ELECTRONICS, INC Adv Pg 449 — 520 S Fulton Ave. Mt Vernon — NY
Westinghouse-Instrument Dept — Newark — NJ

RECORDERS –GRAPHIC (BASIC INSTRUMENT)

1. CIRCULAR-CHART (Incl. POLAR COORDINATE)
2. MINIATURE
3. MULTICHANNEL
4. SELF-BALANCING POTENTIOMETER-TYPE
5. STRIP-CHART
6. X-Y

ACF Electronics Div., 5 — Riverdale — Md
A. O. I. P., 2-3 — 23 Pl. Jeanne d'Arc, Paris 13 — Fr
AIRBORNE INSTRUMENTS LAB. DIV. CUTLER-HAMMER INC., 1, Adv Pg 151 — Comac Rd. Deer Park — NY
ALDEN ELECTRONIC & IMPULSE RECORDING EQUIP CO., 3, Adv Pg 358 — P.O. Box 125, Westboro — Mass
American Machine & Foundry Co., 3-5 — 1025 N Royal St. Alexandria — Va
Anttab, Inc., 1-3-5-6 — 6330 Proprietors Rd, Worthington — Ohio
Atomic Accessories Inc., 5 — 811 W Merrick Rd, Valley Stream — NY
AVNET INSTRUMENT CORP., 1-4, Adv Pgs 331, 364 — 70 State St. Westbury — NY
B & F Instruments Inc., 3 — 3644 N Lawrence St. Philadelphia 40 — Pa
Bailey Meter Co., 1-3-4 — 1050 Ivanhoe Rd, Cleveland 10 — Ohio
BARNES DEVELOPMENT CO., 4, Adv Pg 414 — 213 W Baltimore Pike, Lansdowne — Pa

BECKMAN INSTRUMENTS INC. BERKELEY DIV., 4-5, Adv Pgs 162, 163	2200 Wright Ave. Richmond	Cal
Beeson-Lehner Corp., 6	1860 Franklin, Santa Monica	Cal
Bruel & Kjaer, 1-4-5	Lindevej 23, Naerum	Denmark
BRUSH INSTRUMENTS DIV. CLEVITE CORP., 3-5 Adv Pgs 144, 145	37th & Perkins, Cleveland 14	Ohio
Bytrex Corp., 3	50 Hunt St. Newton	Mass
California Computer Products, Inc., 6	8714 Cleta St, Downey	Cal
Centronix, Inc., 3	4000 N.W. 28th St, Miami 42	Fla
Century Electronics & Instruments, Inc., 3-4	1333 N Utica Ave. Tulsa 10	Okla
Consolidated Electrodynamics Corp., 3-5	360 N Sierra Madre Villa, Pasadena	Cal
CURTISS-WRIGHT CORP. PRINCETON DIV., 2-3-5, Adv Pgs 382, 426, 494	Princeton	NJ
Daimo Victor Co. Div. Textron Inc., 2-3-5	1515 Industrial Way, Belmont	Cal
Daystrom Inc. Weston Instruments Div., 2-4-5	614 Frelinghuysen Ave. Newark 12	NJ
ECLIPSE PIONEER DIV. BENDIX CORP., 3, Adv Pgs 354, 355	Teterboro	NJ
Edison Inc. Thos A. Instr Div. McGraw-Edison Co., 1-2	81 Lakeside Ave. W Orange	NJ
Electro Instruments, Inc., 3-6	8611 Balboa Ave. San Diego 11	Cal
Electronic Associates Inc., 3-5-6	Long Branch	NJ
Electronic Counters Inc., 3	150 Eileen Way, Syosset	NY
Epic, Inc., 3	150 Nassau St, New York 38	NY
Epsco Medical Div. Epsco Inc., 3-5	275 Mass Ave. Cambridge 39	Mass
Esterline Angus Instrument Co. Inc., 5	Box 596, Indianapolis 6	Ind
Evershed & Vignoles Ltd., 1-2-3	Chiswick, London W 4	Eng
FF&M Electronics Inc., 3-6	12020 Panama, Los Angeles 66	Cal
Ferranti Electric Inc., 6	Industrial Park #1, Plainview	NY
Fischer & Porter Co., 1-2-3-4-5	476 Warminster Rd, Warminster	Pa
Fluke Mfg Co. Inc., John, 4-5	Mountlake Terrace	Wash
Foxboro Co., The, 1-2-3-4-5	Foxboro	Mass
GENERAL ELECTRIC CO. APPARATUS SALES, 4, Adv Pgs 8, 9	1 River Rd. Schenectady 5	NY
General Nuclear Corp., 4-5	550 5th Ave. New York 20	NY
General Radio Co., 5	West Concord	Mass
Geotechnical Corp., 1	3401 Shiloh Rd. Garland	Tex
Gerber Scientific Instrument Co., 3-5	89 Spruce St, Hartford 1	Conn
Gordon Enterprises, 2	5362 N Cahuenga Blvd. N Hollywood	Cal
Hagan Chemicals & Controls Inc., 1-4-5	Hagan Center, Pittsburgh 30	Pa
Heiland Div., Minneapolis-Honeywell, 3	5200 E. Evans Ave, Denver 22	Colo
Hogan Faximile Corp., 3	635 Greenwich St. New York 14	NY
HOUSTON INSTRUMENT CORP., 6, Adv Pg 512	Box 22234w, Houston 27	Tex
Instrument Corp of America, 4-5	516 Glenwood Ave. Baltimore 12	Md
Larson Instrument Co., 3	Greenbush Rd. Orangeburg	NY
Leeds & Northrup Co., 1-2-3-4-5-6	4970 Stenton Ave. Phila. 44	Pa
Ling Electronics Div. Ling-Temco Electronics, Inc., 6	1515 S Manchester Ave. Anaheim	Cal
Magnavox Co., 6	2131 Bueter Rd. Fort Wayne 4	Ind
MASSA DIV. COHU ELECTRONICS, INC., 3-5 Adv Pgs 442, 443	280 Lincoln St. Hingham	Mass
Meterlog Corp., 5	169 N. Halstead St, Pasadena	Cal
Midwestern Instruments, Inc., 2-3-5	Box 7509, Tulsa 18	Okla
Minn-Honeywell, Brown Instruments Div., 1-4-5	Wayne & Windrim Aves. Philadelphia 44	Pa
MOSELEY CO., F.L., 4-5-6 Adv Pgs 122, 123	409 N Fair Oaks Ave Pasadena	Cal
Muirhead & Co. Ltd., 5-6	Beckenham, Kent, England	
Nesco Instruments Inc., 4-5	638 W 17th St. Costa Mesa	Cal
New England Scientific Instruments Corp., 2	238 Main St. Cambridge 42	Mass
Newport Scientific Co., 4-5	638 W 17th St. Costa Mesa	Cal
Nuclear Measurements Corp., 5-6	2463 N Arlington Ave. Indianapolis 18	Ind
Offner Electronics Inc., 2-3-5	3906 River Rd. Schiller Park	Ill
Optical Gaging Products, Inc., 6	26 Forbes St, Rochester 11	NY
PANORAMIC ELECTRONICS, INC., 5 Adv Pg 449	520 S Fulton Ave. Mt Vernon	NY
Philips' Gloeilampenfabrieken, N. V., 2-4-6	Eindhoven	Neth
Phoenix Precision Instrument Co., 4-5-6	3805 N. Fifth St, Philadelphia	Pa
Photron Instrument Co., 5-5	6516 Detroit Ave, Cleveland 2	Ohio
Radiation Inc., 5-6	Melbourne	Fla
Robertshaw-Fulton Controls Co., Aero & Instr Div., 1-2-5	Santa Ana Freeway at Euclid, Anaheim	Cal
Rustrak Instrument Co., 3-5	130 Silver St. Manchester	NH
S-E Labs. Ltd., 3	606 N Feltham Est. Feltham Middsx	Eng
SANBORN CO., 2-3-5-6, Adv Pgs 300, 301	175 Wyman St. Waltham 54	Mass
Sangamo Electric Co., 1-5	1201 N. 11 St, Springfield	Ill
Seiscor Div. Seismograph Service Corp., 5	6200 E 41 St. Tulsa	Okla
Streeter-Amet Co., 2-3-4-5	Grayslake	Ill
Taylor Instrument Cos., 1-4-5	95 Ames St. Rochester	NY
Technical Products Co., 5	6670 Lexington Ave. Los Angeles 38	Cal
Techni-Rite Electronics, Inc., 3-4-5	65 Centerville Rd. Warwick	RI
TELautograph Corp., 3	8700 Bellanca Ave. Los Angeles 45	Cal
Telec Inc., 3-5	47 Rue De La Div. Leclerc, Gentilly	Fr
TELE-DYNAMICS DIV. AMERICAN BOSCH ARMA CORP., 3-5, Adv Pgs 196, 197	5000 Parkside Ave. Philadelphia 31	Pa
Telecomputing Corp., 6	915 N Citrus Ave. Hollywood	Cal
Texas Instruments Incorporated, Appar Div. Ind Prods Gr., 2-3-5-6	3609 Buffalo Spdwy. Houston 6	Tex
Thermo Electric Co. Inc., 1-4	109 5th St. Saddle Brook	NJ
Thermovolt Instruments Ltd., 1-2-4-5	70 Advance Rd. Toronto 18	Ont
Thwing-Albert Instrument Co., 5-6	5351 Pulaski Ave, Philadelphia 44	Pa
United Electric Controls Co., 1	85 School St. Dept-C, Watertown 72	Mass
Varian Associates, 3-4-5	611 Hansen Way, Palo Alto	Cal
West Instrument Corp., 4-5	4363 W. Montrose, Chicago 41	Ill
Westinghouse-Instrument Dept., 1-5	Newark	NJ
Westronics, Inc., 2-3-4-5	3605 McCart St. Fort Worth	Tex
Yellow Springs Instrument Co. Inc., 3-5	Box 106E, Yellow Springs	Ohio

RECORDERS –*HUMIDITY, ELECTRONIC*

Airtronics, Inc	5522 Dorsey Ln, Washington 16	DC
EMI-Cossor Electronics Ltd	Box 525 Dartmouth NS	Can
Foxboro Co., The	Foxboro	Mass
Kahl Scientific Instrument Corp	737 W Main St, El Cajon	Cal
Leeds & Northrup Co	4970 Stenton Ave, Philadelphia 44	Pa
Philips' Gloeilampenfabrieken, N.V.	Eindhoven, Netherlands	
Phys-Chemical Research Corp	40 E 12th St. New York 3	NY
Sarles Inc.	12 Bowdoin Square, Boston	Mass
Techni-Rite Electronics, Inc	65 Centerville Rd. Warwick	RI
Thermo Electric Co. Inc.	109 5th St. Saddle Brook	NJ
Thermovolt Instruments Ltd.	70 Advance Rd. Toronto 18	Ont
Varian Associates	511 Hansen Way, Palo Alto	Cal

RECORDERS –*IMPEDANCE*

ALDEN ELECTRONIC & IMPULSE RECORDING EQUIP CO., Adv Pg 358	P.O. Box 125, Westboro	Mass
Meterlog Corp.	169 N. Halstead St, Pasadena	Cal
PANORAMIC ELECTRONICS, INC Adv Pg 449	520 S Fulton Ave. Mt Vernon	NY

RECORDERS –*INTERMITTENT*

ALDEN ELECTRONIC & IMPULSE RECORDING EQUIP CO., Adv Pg 358	P.O. Box 125, Westboro	Mass
Bergen Labs., Inc	60 Spruce St, Paterson 1	NJ
Geotechnical Corp.	3401 Shiloh Rd, Garland	Tex
Gordon Enterprises	5362 N. Cahuenga Blvd, N. Hollywood	Cal
Mast Development Co. Inc	2212 E 12th St. Davenport 20	Iowa
Photron Instrument Co	6516 Detroit Ave. Cleveland 2	Ohio

RECORDERS –*KINESCOPE FILM*

Flight Research, Inc	P.O. Box 1-F, Richmond 1	Va
Gordon Enterprises	5362 N. Cahuenga Blvd, N. Hollywood	Cal
Hallamore Electronics Div. Siegler Corp	714 N Brookhurst Ave. Anaheim	Cal
National Cine Equipment, Inc	209 W 48 St, New York	NY
Nugent Electronics Co. Inc	802 E 8th St. New Albany	Ind
Rank Cintel Ltd	Worsley Bridge Rd, London S.E. 26, England	
Television Utilities Corp., Div of Nord	300 Denton Ave, New Hyde Park	NY
Vue-Tronics Inc, Div Prescott Television Co	7706 Melrose Ave. Los Angeles 46	Cal

RECORDERS –*LEVEL*

1. DRY MATERIALS 2. LIQUID

Automation Products, Inc., 1-2	3030 Max Roy St, Houston 24	Tex
Bailey Meter Co., 2	1050 Ivanhoe Rd, Cleveland 10	Ohio
Communications Control Corp., 1-2	14707 Keswick St. Van Nuys	Cal
Compu Dyne Corp., 1-2	400 S Warminster Rd. Hatboro	Pa
Electro Logic Corp., 1-2	515 Boccaccio Ave. Venice	Cal
Evershed & Vignoles Ltd., 1-2	Chiswick, London W. 4, England	
Fischer & Porter Co., 2	476 Warminster Rd, Warminster	Pa
Foxboro Co., The, 2	Foxboro	Mass
General Ultrasonics Co., 2	67 Mulberry St, Hartford 3	Conn
Leupold & Stevens Instruments Inc., 2	4445 NE Glisan St. Portland	Ore
Liquidometer Corp., 2	41-03 36th St. Long Island City 1	NY
Minn-Honeywell, Brown Instruments Div., 2	Wayne & Windrim Aves. Philadelphia 44	Pa
Ohmart Corp., 1-2	2236 Burnet St. Cincinnati	Ohio
POWERTRON ULTRASONICS, 2, Adv Pg 489	Patterson Pl. Roosevelt Fld. Garden City	NY
Robertshaw-Fulton Controls Co., Aero & Instr Div., 1-2	Santa Ana Freeway at Euclid, Anaheim	Cal
Taylor Instrument Cos., 2	95 Ames St, Rochester	NY
Texas Instruments Incorporated, Appar Div. Ind Prods Gr., 2	3609 Buffalo Spdwy. Houston 6	Tex
Thermovolt Instruments, Ltd., 2	70 Advance Rd, Toronto 18, Ontario, Canada	
Westinghouse-Gen Purpose Controls Dept., 1	Buffalo	NY

RECORDERS –*MAGNETIC-TAPE (Incl. REPRODUCERS)*

1. COMMUNICATION MONITORING (12-HOUR OR 24-HOUR)
2. COMPUTER, INSTRUMENTATION CONTROL
3. MINIATURE (POCKET-SIZE)
4. MONAURAL, ENTERTAINMENT
5. STEREO
6. TAPE LOOP
7. VIDEO, COLOR TV
8. VIDEO, MONOCHROME TV

Allied Radio Corp., 4-5	100 N Western Ave. Chicago 80	Ill
Alto Fonic Corp., 4-5-6	981 Commercial St, Palo Alto	Cal
American Concertone, Inc., 1-2-4-5-6	9449 W Jefferson Blvd. Culver City	Cal
American Elite, Inc. (Telefunken), 4-5-6	48-50 34 St. Long Island City 1	NY
Ampex Computer Products Co., 2-6	Box 329, Culver City	Cal
Ampex Instrumentation Products Co., 1-2-6	934 Charter St. Redwood City	Cal
Amplifier Corp of America, 1-4-5-6	398 Broadway, New York 13	NY
Applied Magnetics Corp., 2-3-6	Box 388, Goleta	Cal
Audio Instrument Co. Inc., 6	135 W 14 St. New York 11	NY
Audio-Master Corp., 3-4-5-6	17 E 45th St. New York 17	NY
Bell & Howell Co	7100 McCormick Rd, Chicago 45	Ill
Bell Sound Div. TRW Inc., 5	555 Marion Rd. Columbus 7	Ohio
Beeson-Lehner Corp., 2	1860 Franklin, Santa Monica	Cal
Bergen Labs. Inc., 6	60 Spruce St. Paterson 1	NJ
Bogen-Presto Div. Siegler Corp., 4-5-6	Box 500, Paramus	NJ
Borg-Warner Controls, Div. Borg-Warner Corp., 6	3300 Newport Blvd. Santa Ana	Cal
Broadcast Equipment Specialties Corp., 3	Cedar Hill Rd. Fishkill	NY
Century Electronics & Instruments, Inc., 2	1333 N Utica Ave. Tulsa 10	Okla
Communications Control Corp., 2	14707 Keswick St. Van Nuys	Cal
Compu Dyne Corp., 2	400 S Warminster Rd. Hatboro	Pa
Concord Control, Inc., 2	1282 Soldiers Field Rd, Boston 35	Mass
Consolidated Electrodynamics Corp., 2-6	360 N. Sierra Madre Villa, Pasadena	Cal
Cook Technological Center, 6	6401 Oakton St, Morton Grove	Ill
Crown Intl. Div. Int Rad & El Corp., 1-2-4-5	Elkhart	Ind
Dage Div Thompson Ramo Wooldridge, Inc., 8	Michigan City	Ind
Data Equipment Co., 2	923 E. 3rd St, Los Angeles 13	Cal
EMI-Cossor Electronics Ltd., 2-4-5	P. O. Box 515, Dartmouth, Nova Scotia	
ECLIPSE PIONEER DIV. BENDIX CORP., 6, Adv Pgs 354, 355	Teterboro	NJ
Edwards Engineering Co., 3-4-5	21 Vanderbilt Ave. Port Washington	NY
Electric Switch Corp., 4-5	2320 S Tibbs Ave. Indianapolis 41	Ind
Electro-Logic Corp., 2	515 Boccaccio, Venice	Cal
Electronic Applications Inc., 3-4-5	194 Richmond Hill Ave. Stamford	Conn
Electronic Controls Inc., 2	66 Southfield Ave. Stamford	Conn
ELECTRONIC INSTRUMENT CO. INC., 5, Adv Pg 396	3300 Northern Blvd. Long Island City	NY
Elomag s.p.r.l., 3	2 Av. Wellington, Brussels 18	Belg
Fen-Tone Corp., 3-4-5	106 5th Ave. New York 11	NY
Gates Radio Co., 6	123 Hampshire St. Quincy	Ill
General Kinetics, Inc., 2	2611 Shirlington Rd, Arlington 6	Va
Geotechnical Corp., 1	3401 Shiloh Rd. Garland	Tex
HALLICRAFTERS CO., 1-3-4-6-8, Adv Pg 385	4401 W 5th St. Chicago 24	Ill
Heath Co., A Sub of Daystrom, Inc., 4-5	Benton Harbor	Mich
Hogan Faximile Corp., 2	635 Greenwich St. New York 14	NY
IBM Federal Systems Div., 2	1120 Conn. Ave. Washington 6	DC
Leach Corp., 2	18435 Susana Rd. Compton	Cal
Lesa Const Electromeccaniche SpA., 4	21 Via Bergamo, Milano	Italy
Lockheed Electronics Co. Info Tech Div., 2	Metuchen	NJ
Magnasync Corp., 1-2-4	5546 Satsuma Ave. N Hollywood	Cal
Magnecord by M. I., 1-4-5-6	Box 7509, Tulsa 18	Okla
Mandrel Industries Inc., 2	5134 Glenmont, Houston 36	Tex
Metzner Engineering Corp., 5	1041 N. Sycamore, Hollywood 38	Cal
Midwest Audio Corp., 4	3800 W North Ave. Chicago 47	Ill
Midwestern Instruments, Inc., 2	Box 7509, Tulsa 18	Okla
Mincom Div., Minnesota Mining & Mfg. Co., 2	2049 S. Barrington, Los Angeles 25	Cal
Minicord Corp of America, 3	1913 Atlantic Ave, Atlantic City	NJ
Minn-Honeywell, Industrial Systems Div., 1-2-6	10721 Hanna St, Beltsville	Md
MNEMOTRON CORP., 2, Adv Pg 445	45 S Main St. Pearl River	NY
Moore Associates, Inc., 1-2	893 American St. San Carlos	Cal
Moulic Specialties Co., 1-2-6	1007 W. Washington St, Bloomington	Ill
Newcomb Audio Products Co., 5	6824 Lexington Ave, Hollywood 38	Cal
Olympic Radio & TV Div. Siegler Corp., 1-2	34-01 38 Ave. Long Island City 1	NY
PACKARD-BELL ELECTRONICS CORP. TECHNICAL PRODUCTS DIV., 1-4-6, Adv Pg 49	12333 W Olympic Blvd. Los Angeles 64	Cal
Peirce Dictation Systems, 4	5900 Northwest Hwy, Chicago 31	Ill
Philips' Gloeilampenfabrieken, N. V., 2	Eindhoven	Neth
POTTER INSTRUMENT CO., INC., 1-2-6 Adv Pg 195	Sunnyside Blvd, Plainview	NY
Precision Instrument Corp., 1-2-3-6	1011 Commercial St, San Carlos	Cal
Radio Corp. of America, Defense Electronic Prods. 1-4-6	Bldg. 15-2 Camden	NJ
Rengertone, Inc., 4-5	73 Winthrop St, Newark 4	NJ
Raymond Engineering Lab., Inc., 3	Smith St, Middletown	Conn
Revere Camera Co., 4-5	320 E. 21st St, Chicago 16	Ill
Rheem Califone Corp., 4	1020 N. La Brea Ave, Hollywood 38	Cal
Sangamo Electric Co., 6	1201 N. 11 St, Springfield	Ill
Sargent & Greenleaf Inc., 1	24 Seneca Ave. Rochester	NY
Sarkes Tarzian Inc. Broadcast Eqpt Div., 4-5	E Hillside Dr. Bloomington	Ind
Schober-Organ Corp., 4-6	43 W 61 St. New York 23	NY
Shepard Labs Inc., 2	480 Morris Ave. Summit	NJ
Shepherd Industries Inc., 2-4-6	103 Park Ave. Nutley 10	NJ
SONY CORP., 4-5-6-7-8, Adv Pg 261	514 Broadway, New York 12	NY
Sorensen Industrial Electronic Co., 1	Rt 10, Dover	NJ
Soroban Engineering, Inc., 2	Box 1717, Melbourne	Fla
Sound Scriber Corp., 1	Middletown Ave, North Haven 2	Conn
Stancil-Hoffman Corp., 1-3-4-5	845 N Highland Ave. Hollywood 38	Cal
Superscope Inc., 4-5	8520 Tujunga Ave, Sun Valley	Cal
TRW Computers Co., 2	8433 Fallbrook Ave. Canoga Park	Cal
Tandberg of America Inc., 4-5	8 3rd Ave. Pelham	NY
Tape-Athon, 4-5	523 S. Hindry Ave, Inglewood	Cal
Technical Engineering Co., 2	1952 E Allegheny Ave. Phila. 34	Pa
Telemetrics, Inc., 2	12927 S Budlong, Gardena	Cal
Trav-Ler Radio Corp., 4-5	571 W Jackson Blvd. Chicago	Ill
V-M Corp., 4-5	305 Territorial, Benton Harbor	Mich
Viking of Minneapolis, 5-6	9600 Aldrich Ave S., Minneapolis 20	Minn
Webcor, Inc., 4-5	5610 Bloomingdale, Chicago 39	Ill
Westrex Corp. Div. Litton Industries, 1-4-5-6	540 W 58th St. New York 19	NY
Wollensak Optical Co., 4-5	320 E. 21st St, Chicago 16	Ill

RECORDERS –*MECHANICAL*

Addressograph-Multigraph Corp. Electronics Div.	1200 Babbitt Rd. Cleveland 17	Ohio
ALDEN ELECTRONIC & IMPULSE RECORDING EQUIP CO., Adv Pg 358	P.O. Box 125, Westboro	Mass
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
Daystrom Inc. Weston Instruments Div.	614 Frelinghuysen Ave. Newark 12	NJ
Emertron Inc.	1140 East-West Hwy. Silver Spring	Md
Impact-O-Graph Corp.	B F Keith Bldg. Cleveland 15	Ohio
Laboratoire Ind. de Physique Appl	67 Rue MA Colombier, Bagnolet Seine	Fr
Soroban Engineering, Inc	P.O. Box 1717, Melbourne	Fla
Taylor Instrument Cos	95 Ames St. Rochester	NY
Texas Instruments Incorporated, Appar Div. Ind Prods Gr	3609 Buffalo Spdwy. Houston 6	Tex
Thermovolt Instruments, Ltd	70 Advance Rd, Toronto 18, Ontario, Canada	
USI Robodyne Div	12345 New Columbia Pike, Silver Spring	Md
Warren Mfg. Co., Inc.	Newtown Rd, Littleton	Mass

RECORDERS –*MICROMICROAMPERE* See RECORDERS –*GRAPHIC*
RECORDERS –*MILLIVOLT* See RECORDERS –*GRAPHIC*

RECORDERS –*MOISTURE, ELECTRONIC*

Airtronics, Inc	5522 Dorsey Ln, Washington 16	DC
Consolidated Electrodynamics Corp.	360 N. Sierra Madre Villa, Pasadena	Cal
EMI-Cossor Electronics Ltd	Box 525 Dartmouth NS	Can
Foxboro Co., The	Foxboro	Mass
Kahl Scientific Instrument Corp	737 W Main St, El Cajon	Cal
Leeds & Northrup Co	4970 Stenton Ave, Phila. 44	Pa
Phys-Chemical Research Corp	40 E 12th St. New York 3	NY
Simmonds Precision Prods Inc	105 White Plains Rd. Tarrytown	NY
Thermovolt Instruments, Ltd	70 Advance Rd, Toronto 18, Ontario, Canada	

RECORDERS –*OSCILLOGRAPH* See OSCILLOGRAPHS

RECORDERS –*OXYGEN*

Automation Products Inc	3030 Max Roy St. Houston 24	Tex
Bailey Meter Co	1050 Ivanhoe Rd, Cleveland 10	Ohio
Electro-Medical Lab. Inc	South Woodstock 8	Vt
Epsco Medical Div. Epsco Inc	275 Mass Ave. Cambridge 39	Mass
Foxboro Co., The	Foxboro	Mass
Jarrell-Ash Co	26 Farwell St. Newtonville	Mass
Leeds & Northrup Co	4970 Stenton Ave, Philadelphia 44	Pa
Mine Safety Appliances Co	203 N. Braddock Ave, Pittsburgh	Pa
Servomex Controls Ltd	Crowborough, Sussex, England	
Thermovolt Instruments Ltd.	70 Advance Rd. Toronto 18	Ont

RECORDERS –*pH*

Bailey Meter Co	1050 Ivanhoe Rd, Cleveland 10	Ohio
Communications Control Corp	14707 Keswick St. Van Nuys	Cal
Epsco Medical Div. Epsco Inc	275 Mass Ave. Cambridge 39	Mass
Foxboro Co., The	Foxboro	Mass
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	1 River Rd. Schenectady 5	NY
Leeds & Northrup Co	4970 Stenton Ave, Philadelphia 44	Pa
POLARAD ELECTRONICS CORP Adv Pg 269-272	43-20 34 St. Long Island City 1	NY
Taylor Instrument Cos	95 Ames St. Rochester	NY
Thermovolt Instruments Ltd.	70 Advance Rd. Toronto 18	Ont

RECORDERS –*POCKET* See RECORDERS –*MAGNETIC TAPE*
RECORDERS –*POLAR COORDINATE* See RECORDERS –*GRAPHIC*

RECORDERS -POWER LEVEL

Evershed & Vignoles Ltd	Chiswick, London W. 4, England	
Foxboro Co., The	Foxboro	Mass
HALLICRAFTERS CO., Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
Leeds & Northrup Co	4970 Stenton Ave, Philadelphia 44	Pa
Simmonds Precision Prods Inc	105 White Plains Rd. Tarrytown	NY
Thermovolt Instruments Ltd	70 Advance Rd. Toronto 18	Ont
Westinghouse-Instrument Dept	Newark	NJ

RECORDERS -PRESSURE, ELECTRONIC

Airtronics, Inc	5522 Dorsey Ln, Washington 16	DC
Bailey Meter Co	1050 Ivanhoe Rd, Cleveland 10	Ohio
Communications Control Corp	14707 Keswick St. Van Nuys	Cal
Consolidated Electrodynamics Corp	360 N. Sierra Madre Villa, Pasadena	Cal
Daystrom Inc. Weston Instruments Div	614 Frelinghuysen Ave. Newark 12	NJ
Epsco Medical Div. Epsco Inc	275 Mass Ave. Cambridge 39	Mass
Evershed & Vignoles Ltd	Chiswick, London W. 4, England	
Fischer & Porter Co	476 Warminster Rd, Warminster	Pa
Foxboro Co., The	Foxboro	Mass
Leeds & Northrup Co	4970 Stenton Ave, Philadelphia 44	Pa
Taylor Instrument Cos	95 Ames St. Rochester	NY
Telco, Inc	47 Rue De La Div Leclerc, Gentilly	France
Thermovolt Instruments, Ltd	70 Advance Rd, Toronto 18, Ontario, Canada	
Ulmer Co., H. W	2941 San Luis Rey Rd. Oceanside	Cal
West Instrument Corp	4363 W. Montrose, Chicago 41	Ill
Westronics, Inc	3605 McCart St, Ft. Worth	Tex

RECORDERS -SHOCK

Electrodynamic Instrument Corp	1841 Old Spanish Trail, Houston 25	Tex
Impact-O-Graph Corp	B F Keith Bldg. Cleveland 15	Ohio
Leach Corp	18435 Susana Rd, Compton	Cal

RECORDERS -SMOKE & COMBUSTION, ELECTRONIC

Applied Control Corp	1000 Main St. Hackensack	NJ
Bailey Meter Co	1050 Ivanhoe Rd, Cleveland 10	Ohio
Evershed & Vignoles Ltd	Chiswick, London W. 4, England	
Leeds & Northrup Co	4970 Stenton Ave, Philadelphia 44	Pa
Photobell Co. Inc	12 E 22 St. New York 10	NY
Photomation, Inc	96 S. Washington Ave, Bergenfield	NJ
U. S. Nuclear Corp	801 N. Lake St, Burbank	Cal

RECORDERS -SOUND See RECORDERS -DISK: RECORDERS -MAGNETIC-TAPE

RECORDERS - SOUND-LEVEL

B & K Instruments Inc of Bruel & Kjaer	3418 W 106th St. Cleveland 11	Ohio
Bruel & Kjaer	Lindealle 23, Naerum, Denmark	
Dawe Instruments Ltd	Harlequin Ave. Brentford, Mddx	Eng
Leeds & Northrup Co	4970 Stenton Ave. Phila. 44	Pa
Mine Safety Appliances Co	203 N Braddock Ave. Pittsburgh	Pa
Simmonds Precision Prods Inc	105 White Plains Rd. Tarrytown	NY
Western Electro-Acoustic Lab	11707 San Vicente Blvd, Los Angeles	Cal

RECORDERS -SPECIFIC-GRAVITY, ELECTRONIC

Automation Products, Inc	3030 Max Roy St, Houston 24	Tex
Evershed & Vignoles Ltd	Chiswick, London W. 4, England	
Fischer & Porter Co	476 Warminster Rd, Warminster	Pa
Impact-O-Graph Corp	B F Keith Bldg. Cleveland 15	Ohio
Precision Thermometer & Instrument Co	1432 Brandywine St. Philadelphia	Pa
Simmonds Precision Prods Inc	105 White Plains Rd. Tarrytown	NY
Westronics, Inc	3605 McCart St, Ft. Worth	Tex

RECORDERS -STRAIN

AMERICAN OPTICAL CO. INSTRUMENT DIV., Adv Pg 205	**Buffalo 15**	**NY**
B & F Instruments, Inc	3644 N. Lawrence St, Philadelphia 40	Pa
Baird-Atomic Inc	33 University Rd. Cambridge 38	Mass
Bruel & Kjaer	Lindealle 23, Naerum, Denmark	
Bytrex Corp	50 Hunt St, Newton	Mass
Data-Master Corp	85 Hazel St, Glen Cove	NY
Electro-Logic Corp	515 Boccaccio, Venice	Cal
Foxboro Co., The	Foxboro	Mass
Geotechnical Corp	3401 Shiloh Rd. Garland	Tex
Heiland Div. Minneapolis-Honeywell Regulator Co	5200 E Evans Ave. Denver 22	Colo
Leeds & Northrup Co	4970 Stenton Ave, Philadelphia 44	Pa
Magnaflux Corp	7328 W Lawrence Ave. Chicago 31	Ill
Simmonds Precision Prods Inc	105 White Plains Rd. Tarrytown	NY
Taylor Instrument Cos	95 Ames St. Rochester	NY
Thwing-Albert Instrument Co	5351 Pulaski Ave, Philadelphia 44	Pa

RECORDERS -SURFACE-ROUGHNESS

Bruel & Kjaer	Lindealle 23, Naerum, Denmark	
Control Devices, Inc	925 S Eton Rd. Birmingham	Mich
Micrometrical Mfg Co	Box 1067, Ann Arbor	Mich

RECORDERS -TAPE See RECORDERS -MAGNETIC-TAPE

RECORDERS -TAPE-LOOP See RECORDERS -MAGNETIC-TAPE

RECORDERS -TELEMETERING See RECORDERS -GRAPHIC: RECORDERS - MAGNETIC-TAPE

RECORDERS -TELEPHONE

ALDEN ELECTRONIC & IMPULSE RECORDING EQUIP CO., Adv Pg 358	**P.O. Box 125, Westboro**	**Mass**
EMPIRE SERVICES, Adv Pg 484	**40-3, Skaneateles**	**NY**
Sorensen Industrial Electronic Co	Route 10, Dover	NJ
Sound Scriber Corp	Middletown Ave. North Haven 2	Conn

RECORDERS -TEMPERATURE, ELECTRONIC

Airtronics, Inc	5522 Dorsey Ln, Washington 16	DC
Ameresco Inc	14 Center Ave. Little Falls	NJ
Assembly Products, Inc	75 Willson Mills Rd. Chesterland 6	Ohio
B & F Instruments Inc	3644 N Lawrence St. Philadelphia 40	Pa
Bailey Meter Co	1050 Ivanhoe Rd, Cleveland 10	Ohio
Communications Control Corp	14707 Keswick St. Van Nuys	Cal
Data-Master Corp	85 Hazel St, Glen Cove	NY
Daystrom Inc. Weston Instruments Div	614 Frelinghuysen Ave. Newark 12	NJ
Electric Autolite Co. Wire & Cable Div	3529-24th St. Port Huron	Mich
Electro-Logic Corp	515 Boccaccio, Venice	Cal
Epsco Medical Div. Epsco Inc	275 Mass Ave. Cambridge 39	Mass
Evershed & Vignoles Ltd	Chiswick, London W. 4, England	
Fischer & Porter Co	476 Warminster Rd, Warminster	Pa
Foxboro Co., The	Foxboro	Mass
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
Kahl Scientific Instrument Corp	737 W Main St. El Cajon	Cal
Leeds & Northrup Co	4970 Stenton Ave, Philadelphia 44	Pa
Pyrometer Co. of America, Inc	600 E Lincoln Hwy. Penndel	Pa
Pyrometer Instrument Co., Inc	92 Portland Ave, Bergenfield	NJ
Rustrak Instrument Co	130 Silver St. Manchester	NH
Simmonds Precision Prods Inc	105 White Plains Rd. Tarrytown	NY
Smith Co., Arthur F.	311 Alexander St. Rochester	NY
Taylor Instrument Cos	95 Ames St. Rochester	NY
Thermo Electric Co. Inc	109 5th St. Saddle Brook	NJ
Thermovolt Instruments, Ltd	70 Advance Rd, Toronto 18, Ontario, Canada	
Thwing-Albert Instrument Co	5351 Pulaski Ave, Philadelphia 44	Pa
Victory Engineering Corp	101 Springfield Rd. Union	NJ
West Instrument Corp	4363 W. Montrose, Chicago 41	Ill
Westronics, Inc	3605 McCart St, Ft. Worth	Tex
Williamson Development Co	317 Main St. W Concord	Mass
Yellow Springs Instrument Co., Inc	P.O. Box 106E, Yellow Springs	Ohio

RECORDERS - THERMOPLASTIC

Automation Products Inc	3030 Max Roy St. Houston 24	Tex
Pyrometer Instrument Co. Inc	92 Portland Ave. Bergenfield	NJ

RECORDERS -THICKNESS

1. FILM 2. MATERIALS

Automatic Timing & Controls, Inc., 1-2	King of Prussia	Pa
Automation Products Inc., 2	3030 Max Roy St. Houston 24	Tex
Branson Instruments Inc., 1-2	37 Brown House Rd. Stamford	Conn
Designers for Industry, 2	4241 Fulton Pkwy. Cleveland 9	Ohio
Franklin Systems, Inc., 1-2	Box 3250, W Palm Beach	Fla
GPE Controls, Inc., 1	240 E. Ontario St, Chicago 11	Ill
Magnaflux Corp., 1	7328 W Lawrence Ave. Chicago 31	Ill
Micrometrical Mfg Co., 2	Box 1067, Ann Arbor	Mich
NASH & HARRISON LTD., 2 Adv Pg 526	**1355 Wellington St. Ottawa**	**Ont**
Ozmart Corp., 1-2	2236 Bogen St. Cincinnati	Ohio
Picker X Ray Corp., 1	White Plains	NY
Stone Laboratories, Inc., 2	1312 Tremont St. Boston 20	Mass

RECORDERS -TIMING See Also CHRONOGRAPHS (TIME INTERVAL RECORDERS)

Ameresco Inc	14 Center Ave. Little Falls	NJ
Annis Co., R.B.	1101 N. Delaware St, Indianapolis	Ind
Chrono-Log Corp	P.O. Box 4587, Philadelphia 31	Pa
Computer-Measurements Co	12970 Bradley Ave. Sylmar	Cal
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
ERIE-PACIFIC DIV. ERIE RESISTOR CORP., Adv Pg 206	**12932 S Weber Way, Hawthorne**	**Cal**
HAYDON CO., A. W., Adv Pgs 302, 303	**238 N Elm St. Waterbury**	**Conn**
Thermo Electric Co. Inc	109 5th St. Saddle Brook	NJ
USI Robodyne Div	12345 New Columbia Pike, Silver Spring	Md
Venner Electronics, Ltd	Kingston By-Pass, New Malden	Eng

RECORDERS -TORQUE, ELECTRONIC

B & F Instruments Inc	3644 N Lawrence St. Philadelphia 40	Pa
Bergen Labs., Inc	60 Spruce St, Paterson 1	NJ
Chatillon & Sons, John	85 Cliff St. New York 38	NY
FALCON DIV. GEN THERMODYNAMICS CORP., Adv Pg 502	**207 Concord Tpke. Cambridge**	**Mass**
Magtrol, Inc	240 Seneca St, Buffalo 4	NY
Rotiform Co	1519 Colorado Ave. Santa Monica	Cal
Sunshine Scientific Instrument	1810 Grant Ave, Philadelphia 15	Pa
Taylor Instrument Cos	95 Ames St. Rochester	NY
Thermo Electric Co. Inc	109 5th St. Saddle Brook	NJ
Westronics, Inc	3605 McCart St, Ft. Worth	Tex

RECORDERS -TRANSIENT See OSCILLOGRAPHS

RECORDERS -VACUUM

Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
High Vacuum Eqpt. Corp. Sub. Robinson Tech. Prods. Inc	2 Churchill Rd. Hingham	Mass
Smith Co., Arthur F.	311 Alexander St, Rochester	NY
Taylor Instrument Cos	95 Ames St. Rochester	NY
Ulmer Co., H. W	2941 San Luis Rey Rd. Oceanside	Cal
Vacuum - Electronics Corp	Terminal Dr. Plainview	NY
Varian Associates	611 Hansen Way, Palo Alto	Cal
Westronics, Inc	3605 McCart St, Ft. Worth	Tex

RECORDERS -VIDEO TAPE See RECORDERS -MAGNETIC-TAPE

RECORDERS -VISCOSITY

Automation Products, Inc	3030 Max Roy St, Houston 24	Tex
Foxboro Co., The	Foxboro	Mass

RECORDERS -VOLTAGE See RECORDERS -GRAPHIC

RECORDERS -WEIGHT, ELECTRONIC

Automatic Timing & Controls Inc	King of Prussia	Pa
Bailey Meter Co	1050 Ivanhoe Rd. Cleveland 10	Ohio
Detecto Scales, Inc	540 Park Ave. Brooklyn	NY
Foxboro Co., The	Foxboro	Mass
Howe Scale Co	Rutland	Vt
Leeds & Northrup Co	4970 Stenton Ave, Philadelphia 44	Pa
Moran Instrument Corp	170 E Orange Grove Ave. Pasadena 3	Cal
Niagara Electron Laboratories	Main & Greenwood Sts, Andover	NY
Thermo Electric Co. Inc	109 5th St. Saddle Brook	NJ
Toledo Scale Div. Toledo Scale Corp	5225 Telegraph Rd. Toledo	Ohio
Westronics, Inc	3605 McCart St, Ft. Worth	Tex

RECORDERS -WIRE

Applied Magnetics Corp	Box 368, Goleta	Cal
Aurex Corp	315 W. Adams St, Chicago 6	Ill

RECORDERS - X-Y See RECORDERS -GRAPHIC

RECORDING AMPLIFIERS - A-F See AMPLIFIERS - A-F

RECORDING AMPLIFIERS -INSTRUMENTATION See AMPLIFIERS - INSTRUMENTATION

RECORDING CAMERAS See CAMERAS -PHOTOGRAPHIC

RECORDING DISKS See DISKS

RECORDING FILM -PHOTOGRAPHIC See FILMS -PHOTOGRAPHIC RECORDING

RECORDING HEADS See HEADS -RECORDING

RECORDING LATHES See RECORDERS -DISK

RECORDING PAPER See PAPER -RECORDING

RECORDING PAPER -FACSIMILE See FACSIMILE EQUIPMENT

RECORDING TAPE See TAPES -MAGNETIC RECORDING

RECORDING WIRE See WIRE -RECORDING

RECORD-MANUFACTURING EQUIPMENT See MACHINES -RECORD-MANUFACTURING

RECORD PLAYERS See PHONOGRAPHS

RECORDS -TEST, DISK

Components Corp	Denville	NJ
Gotham Audio Corp	2 W 46 St. New York 36	NY
USI Robodyne Div	12345 New Columbia Pike, Silver Spring	Md

RECTIFIERS -DRY-DISK & CRYSTAL

1. COPPER-OXIDE
2. COPPER SULFIDE
3. GERMANIUM, AREA-TYPE
4. METALLIC STACK
5. SELENIUM
6. SILICON
7. SILICON, MULTIPLE JUNCTION OR SERIES

Allis-Chalmers Mfg. Co., 3-5-6	935 S. 70th St, Milwaukee 1	Wisc
American Rectifier Corp., 4-5-6	95 Lafayette St. New York 13	NY
Bendix Corp. Red Bank Div. Semiconductor Prods., 3-6	Holmdel	NJ
Bogue Electric Mfg. Co., 6	52 Iowa Ave, Paterson 3	NJ
Bradley Semiconductor Corp., 1-4-5-6-7	275 Welton St. New Haven	Conn
BRITTON ELECTRONICS CORP., 4-5-6-7, Adv Pg 460	**19 Warren Pl. Mt Vernon**	**NY**
C & D Batteries, Div. Electric Autolite Co., 6-7	Conshohocken	Pa
CLEVITE TRANSISTOR, 6, Adv Pg 143	**200 Smith St. Waltham 54**	**Mass**
Columbus Electronics Corp., 4-6-7	1000 Saw Mill River Rd. Yonkers	NY
Conant Labs., 1-5	Box 3997, Bethany Sta., Lincoln 5	Neb
Continental Device Corp., 6	12515 Chadron Ave, Hawthorne	Cal
Controls Co of America, Electron Div., 6-7	811 W Broadway Rd. Tempe	Ariz
CORNELL-DUBILIER ELECTRONICS DIV. FED PACIFIC ELEC CO., 6, Adv Pgs 148, 149	**50 Paris St. Newark 1**	**NJ**
Delco Radio Div, GMC, 6	700 E. Firmin St, Kokomo	Ind
Dickson Electronics Corp., 6-7	248 Wells Fargo Ave. Scottsdale	Ariz
Diodes Inc., 6-7	7303 Canoga Ave. Canoga Park	Cal
Djeco Div. Djordjevic Eng. Co., 5-6	1933 N Damen, Chicago 47	Ill
E. P. Electric Products Co. Ltd., 4-5	9720 Waverly St. Montreal 12	Can
EDAL INDUSTRIES INC., 1-4-5, Adv Pg 504	**4 Short Beach Rd. East Haven 12**	**Conn**
Electronic Devices, Inc., 5-6	50 Webster Ave, New Rochelle	NY
English Electric Valve Co. Ltd., 3	Chelmsford Essex	Eng
ERIE RESISTOR CORP., 6-7, Adv Pgs 280, 281	**644 W 12th St. Erie 6**	**Pa**
Exide Ind'l. Div., Elec. Stor. Battery Co., 6	Rising Sun Adams, Phila 20	Pa
Fansteel Metallurgical Corp., 4-5-6	2200 Sheridan Rd. N Chicago	Ill
GATES ELECTRONIC CO., 5-6, Adv Pg 424	**2243 White Plains Rd. Bronx 67**	**NY**
GENERAL ELECTRIC CO. APPARATUS SALES, 5-6-7, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
General Electric Co. Rectifier Components Dept., 1-3-5-6-7	Auburn	NY
General Instrument of Canada Ltd., 5-6-7	151 Weber St. S, Waterloo	Ont
GENERAL INSTRUMENT CORP. SEMICONDUCTOR DIV., 4-6-7, Adv Pg 278, 279	**65 Gouverneur St. Newark 4**	**NJ**
General Nuclear Corp., 4-5-6	550 Fifth Ave, New York 28	NY
Green Rectifier Co., 4-5-6-7	1-10 30th St. Fair Lawn	NJ
HITACHI LTD., 4, Adv Pg 263	**1-4 Marunouchi, Chiyoda-ku, Tokyo**	**Jap**
Hoffman Electronics Corp. Semiconductor Div., 6-7	1001 N Arden Dr. El Monte	Cal
Hughes Microwave Components Div., 6	Florence & Teale, Culver City	Cal
Hughes Semiconductor Div., 6	P.O. Box 278, Newport Beach	Cal
ITT Components Div. Semiconductor Div., 5-6	Box 412, Clifton	NJ
International Electronics Corp. (Mullard Equip), 3-6	81 Spring St. New York 12	NY
INTERNATIONAL RECTIFIER CORP., 4-5-6-7, Adv Pgs 62, 63	**233 Kansas St. El Segundo**	**Cal**
International Resistance Co., 5	401 N Broad St. Philadelphia 8	Pa
Kemtron Electron Products, Inc., 6	5 Prince Pl. Newburyport	Mass
Kobzy Tool Co., 6	1535 N. Dayton, Chicago 22	Ill
Ledex Inc., 5-6	123 Webster St. Dayton 2	Ohio
LING-TEMCO ELECTRONICS INC MICROMODULAR COMPONENTS DIV., 6-7, Adv Pg 223	**1859 S Manchester, Anaheim**	**Cal**
MACARR INC., 5-6, Adv Pg 502	**4360 Bullard Ave. Bronx**	**NY**
Mallory Semiconductor Co., 6-7	Du Quoin	Ill
Meuser Co., 4-5-6-7	75 River Rd. Nutley 10	NJ
MicroSemiconductor Corp., 6-7	11250 Playa Ct. Culver City	Cal
Motorola, Inc., Semiconductor Products Div., 6	5005 E. McDowell Rd, Phoenix	Ariz
NIPPON ELECTRIC CO. LTD., 5-6, Adv Pg 267	**2 Shiba Minato-ku, Tokyo**	**Jap**
NORTH AMERICAN ELECTRONICS INC., 4-6-7, Adv Pg 425	**71 Linden St. W Lynn**	**Mass**
Nucleonic Products Co. Inc., 1	3133 E 12th St. Los Angeles 23	Cal
OPAD ELECTRIC CO., 4-5-6, Adv Pg 408	**43-5 Walker St. New York 13**	**NY**
Origin Electric Co. Lt., 5	1-195 Takada Minami-cho Toshima-ku, Tokyo	Jap
Pacific Semiconductors, Inc., 6	12955 Chadron Ave. Hawthorne	Cal
Peschel Electronics, Inc., 4-5	Rt. 216, Towners, Patterson	NY
Radio Corp of America, Electron Tube Div., 6-7	415 S 5th St. Harrison	NJ
RADIO CORP. OF AMERICA SEMICONDUCTOR & MATERIALS DIV., 6, Adv Pg Insert Preceding 3rd Cover, 3rd Cover	**Rt 202, Somerville**	**NJ**
Radio Dev. & Research Corp., 5-6	100 Penna. Ave, Paterson 3	NJ
Radio Engineering Labs. Inc., 6-7	29-01 Borden Ave. Long Island City 1	NY
Radio Industries, Inc., 5	666 Garland Pl, Des Plaines	Ill
Radio Receptor Co. Sub. Gen Instrument Corp., 4-5	240 Wythe Ave. Brooklyn 11	NY
Ramy Mfg Co., 5-6-7	1779 N Main St. Los Angeles 31	Cal
Rapid Electric Co., 5	2881 Middletown Rd, Bronx 61	NY
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., 6, Adv Pg 37	**411 Providence Tpke, Westwood**	**Mass**
Raytheon Co. Semiconductor Div., 3-6	Gore Bldg. Waltham 54	Mass
RECTICO INC., 4-5 Adv Pg 549	**20 Factory St. Cedar Grove**	**NJ**
Richardson-Allen Corp., 4-5-6	116-15 15th Ave, College Point	NY
Sanford Miller Co., 4-5-6-7	11 Lynch St. Brooklyn 11	NY
Sarkes Tarzian Inc. Semiconductor Div., 4-5-6-7	415 N College Ave. Bloomington	Ind
Schauer Mfg. Corp., 1-4-6	4521 Alpine Ave. Cincinnati 42	Ohio

Semi-Alloys Inc., 5	20 McQuesten Pkwy. N. Mt. Vernon	NY
SEMI-ELEMENTS INC., 3-6, Adv Pg 524	**Saxonburg Blvd. Saxonburg**	Pa
SEMICON INC., 6-7, Adv Pg 415	**Sweetwater Ave. Bedford**	Mass
Semiconductor Specialists, Inc., 6	5706 W. North Ave. Chicago 39	Ill
Slater Electric Inc., 4-5-6-7	45 Sea Cliff Ave. Glen Cove	NY
Solitron Devices Inc., 6-7	500 Livingston Ave. Norwood	NJ
SONY CORP., 3-6, Adv Pg 261	**514 Broadway, New York 12**	NY
Standard Rectifier Corp., 6-7	620 E Dyer Rd. Santa Ana	Cal
Standard Tel. & Cables Ltd., 4-5-6-7	29 Glasshouse Yard, London	Eng
Sylvania Elec Prods Inc. Semiconductor Div., 5-6	100 Sylvan Rd. Woburn	Mass
SYNTRON CO. SEMICONDUCTOR DIV., 4-5-6-7, Adv Pg 97	**Homer City**	Pa
TECHNICAL APPARATUS BUILDERS, 1-5-6-7, Adv Pg 529	**109 Liberty St. New York 6**	NY
Texas Instruments Incorporated, Semiconductor-Components Div., 6-7	Box 5012, Dallas 22	Tex
TRANSITRON ELECTRONIC SALES CORP., 4-6-7, Adv Pgs 315-318	**168-182 Albion St. Wakefield**	Mass
Trans-Sil Corp., 6-7	55 Honeck St. Englewood	NJ
TUNG-SOL ELECTRIC INC., 6-7, Adv Pgs 158, 159	**1 Summer Ave. Newark 4**	NJ
U.S. SEMICONDUCTOR PRODUCTS, INC., 6-7, Adv Pg 397	**3540 W Osborn Rd. Phoenix**	Ariz
Unitrode Transistor Products Inc., 6-7	214 Calvary St. Waltham 54	Mass
VECTOR ELECTRONIC CO., 5, Adv Pg 544	**1100 Flower St. Glendale 1**	Cal
Vickers Inc., Electric Products Div., 5	1899 Locust St. St Louis 3	Mo
Welin Electronics Co., 3-6	1701 S Main St. South Bend 23	Ind
Westinghouse-Gen Purpose Controls Dept., 5	Buffalo	NY
Westinghouse-Semiconductor Dept., 6-7	Youngwood	Pa

RECTIFIERS *-SEMICONDUCTOR, CONTROLLED (SOLID-STATE THYRATRONS)*

Controls Co of America, Electron Div	811 W Broadway Rd. Tempe	Ariz
Djeco, Div., Djordjevic Engrg Co.	1933 N. Damen, Chicago 47	Ill
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	NY
General Electric Co. Rectifier Components Dept.	Auburn	NY
General Instrument of Canada Ltd	151 Weber St. S, Waterloo	Ont
GENERAL INSTRUMENT CORP. SEMICONDUCTOR DIV., Adv Pg 278, 279	**65 Gouverneur St. Newark 4**	NJ
Green Rectifier Co	1-10 30th St. Fair Lawn	NJ
Hoffman Electronics Corp. Semiconductor Div	1001 N Arden Dr. El Monte	Cal
ITT Components Div. Semiconductor Div	Box 412, Clifton	NJ
INTERNATIONAL RECTIFIER CORP., Adv Pgs 62, 63	**233 Kansas St. El Segundo**	Cal
Lenberg Engineering Co	2450 W Hubbard St. Chicago	Ill
Mallory Semiconductor Co	Du Quoin	Ill
Meaker Co	75 River Rd. Nutley 10	NJ
Microwave Dynamics Corp	5 Fairchild Ct. Plainview	NY
NIPPON ELECTRIC CO. LTD., Adv Pg 267	**2 Shiba Minato-ku, Tokyo**	Jap
NORTH AMERICAN ELECTRONICS, INC., Adv Pg 425	**71 Linden St. West Lynn**	Mass
Sarkes Tarzian Inc. Semiconductor Div	415 N College Ave. Bloomington	Ind
SEMICON INC., Adv Pg 415	**Sweetwater Ave. Bedford**	Mass
Semiconductor Specialists, Inc.	5706 W North Ave. Chicago 39	Ill
Slater Electric Inc.	45 Sea Cliff Ave. Glen Cove	NY
SONY CORP., Adv Pg 261	**514 Broadway, New York 12**	NY
Standard Tel. & Cables Ltd.	29 Glasshouse Yard, London	Eng
TECHNICAL APPARATUS BUILDERS, Adv Pg 529	**109 Liberty St. New York 6**	NY
Texas Instruments Incorporated, Semiconductor-Components Div	Box 5012, Dallas 22	Tex
TRANSITRON ELECTRONIC SALES CORP., Adv Pgs 315-318	**168-182 Albion St. Wakefield**	Mass
TUNG-SOL ELECTRIC INC., Adv Pgs 158, 159	**1 Summer Ave. Newark 4**	NJ
Tyco Semiconductor Corp	Hickory Ln. Bear Hill, Waltham 54	Mass
Westinghouse-Semiconductor Dept	Youngwood	Pa

RECTIFIERS *-TUBE* See TUBES *-RECTIFYING*
RECTIFIER TYPE POWER SUPPLIES See POWER SUPPLIES *-D-C OUTPUT*

REELS *-MAGNETIC TAPE*

Boonton Molding Co	Boonton	NJ
BURKE & JAMES INC., Adv Pg 553	**321 S Wabash Ave. Chicago 4**	Ill
Elsi-Cossor Electronics Ltd	Box 525 Dartmouth NS	Can
Ferrodynamics Corp	Gregg & Route 17, Lodi	NJ
Industrial Electrical Works, Inc	1509 Chicago St. Omaha 2	Neb
Radio Corp of America, Electron Tube Div	415 S 5th St. Harrison	NJ
Reeves Industries Corp	36-27 Prince St. Flushing 54	NY
SONY CORP., Adv Pg 261	**514 Broadway, New York 12**	NY

REELS *-RETRACTILE, CABLE & WIRE*

Industrial Electrical Works, Inc	1509 Chicago St. Omaha 2	Neb
Olympic Instruments, Inc	Dept 527, Vashon	Wash

REFLECTION METERS See METERS *-REFLECTION, PHOTOELECTRIC*

REFLECTOMETERS See Also COUPLERS *-DIRECTIONAL;* DETECTORS *-STANDING-WAVE;* METERS *-REFLECTION*

Canadian Research Institute	85 Curlew Dr. Don Mills	Ont
FXR INC., Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	NY
HEWLETT-PACKARD CO., Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	Cal
JONES ELECTRONICS CO INC, M C, SUB BENDIX CORP Adv Pg 131	**185 N Main St. Bristol**	Conn
MICROLAB, Adv Pg 356	**570 W Mt. Pleasant Ave. Livingston**	NJ
Microtech, Inc	Milldale Rd. Cheshire	Conn
Precision Microwave Corp	Main St. Millis	Mass
RIXON ELECTRONICS INC., Adv Pg 412	**2414 Reedie Dr. Silver Spring**	Md
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla

REFLECTORS *-PASSIVE, MICROWAVE*

AINSLIE CORP., Adv Pg 408	**531 Pond St. South Braintree 85**	Mass
ANTENNA SYSTEMS, INC., Adv Pg 428	**Hingham Industrial Center, Hingham**	Mass
Bogart Mfg Corp	315 Seigel St. Brooklyn 6	NY
Gilfillan Bros., Inc	1815 Venice Blvd, Los Angeles 6	Cal
Microflect Co. Inc	3450 25th SE. Salem	Ore
Sperry Microwave Electronics Co	P.O. Box 1828, Clearwater	Fla
TECHNICAL APPLIANCE CORP., Adv Pg 523	**P.O. Box 38, Sherburne**	NY
Tower Construction Co	2700 Hawkeye Dr. Sioux City	Iowa
Wiley Electronic Products Co	2045 W Cheryl Dr. Phoenix	Ariz

REFRIGERATOR-TYPE COOLING UNITS See COOLING UNITS
REGISTER CONTROLS See CONTROLS *-PHOTOELECTRIC*
REGISTERS *-ELECTROMECHANICAL* See COUNTERS *-ELECTROMAGNETIC*

REGISTERS *-SHIFT*

AMP INC., Adv Pgs 65, 183	**Eisenhower Blvd. Harrisburg**	Pa
Artronic Instrument Co	11232 Triangle Ln. Silver Spring	Md
C&K Components, Inc	101-103 Morse St, Newton 58	Mass
Computer Techniques Inc	3000 Northern Blvd. Long Island City 1	NY
Consolidated Avionics Corp	800 Shames Dr. Westbury	NY
Control Equipment Corp	19 Kearney Rd. Needham Heights 94	Mass
Digital Equipment Corp	Maynard	Mass
FRONTIER ELECTRONICS CO., Adv Pg 193	**4606 Memphis Ave. Cleveland 9**	Ohio
Lear Inc	3171 S Bundy Dr. Santa Monica	Cal
Magnetics Research Co	255 Grove St, White Plains	NY
NAVIGATION COMPUTER CORP., Adv Pg 511	**Valley Forge Ind Park, Norristown**	Pa
Network Designers Inc	31 E 57th St. New York 22	NY
Plug-In Instruments, Inc	1416 Lebanon Rd. Nashville 10	Tenn
RIXON ELECTRONICS INC., Adv Pg 412	**2414 Reedie Dr. Silver Spring**	Md
Tenlo Research Corp	9424 Lyndale Ave S., Minneapolis 20	Minn

REGULATORS *-CURRENT*

1. A-C 2. D-C

ACME ELECTRIC CORP., 1-2, Adv Pg 173	**Water St. Cuba**	NY
Aerolab Development Co., 1-2	330 W. Holly St, Pasadena	Cal
American Electronics Inc. Precision Power Div., 1-2	1598 E Ross Ave. Fullerton	Cal
American Research & Mfg. Corp., 1-2	921 Halpine Ave. Rockville	Md
AMP INC., 1-2, Adv Pgs 65, 183	**Eisenhower Blvd. Harrisburg**	Pa
AMPERITE CO. INC., 1-2, Adv Pg 541	**561 Broadway, New York 12**	NY
Applied Control Corp., 1-2	109 Main St. Hackensack	NJ
Atlas Controls Inc., 1-2	Dept. EM, 9 Erie Dr. Natick	Mass
Basler Electric Co. Systems Sales, 1	Box 269, Highland	Ill
Beva Electronics Inc., 2	185 4th St. Trenton 8	NJ
Brach Mfg. Corp., 1-2	200 Central Ave, Newark	NJ
Canadian Research Institute, 2	85 Curlew Dr. Don Mills	Ont
Carad Corp., 2	3381 Junipero Serra Blvd. Palo Alto	Cal
Consolidated Avionics Corp., 1-2	800 Shames Dr, Westbury	NY
DAVENPORT MFG. DIV.-DUNCAN ELEC. CO., 1-2, Adv Pg 451	**2530-32 N Elston Ave. Chicago 47**	Ill
Djeco, Div., Djordjevic Engrg Co., 1-2	1933 N. Damen, Chicago 47	Ill
Dresser Electronics, HST Div., 1-2	555 N 5th St. Garland	Tex
E. P. Electric Products Co. Ltd., 1-2	972 Beverly St. Montreal 12	Can
ERA Pacific, Inc., 1-2	1760 Stanford St. Santa Monica	Cal
Electric Regulator Corp., 1-2	Pearl St, Norwalk	Conn
Electro-Seal Corp., 1-2	946 North Ave. Des Plaines	Ill
Electronic Research Associates, Inc., 1-2	67 Factory Pl, Cedar Grove	NJ
Engineered Magnetics Div., Gulton, 1-2	13041 Cerise Ave, Hawthorne	Cal
Escotronics, 1-2	7000 S Vine St. LaGrange	Ill
Fairfield Controls Inc., 1-2	114 Manhattan St. Stamford	Conn
Ferrotran Electronic Co. Inc., 2	693 Broadway, New York 12	NY
GENERAL ELECTRIC CO. APPARATUS SALES, 1-2, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	NY
Gerst & Co. Paul E., 1-2	4668 N. Clark, Chicago 40	Ill
Green Rectifier Co., 1-2	1-10 30th St, Fair Lawn	NJ
Gulton Industries, Inc., 1-2	212 Durham Ave. Metuchen	NJ
Hamilton Standard Div. United Aircraft Corp., 1-2	Broad Brook	Conn
Hevi-Duty Electric Co. Div. Basic Products Corp., 1-2	300 Hart St. Watertown	Wis
Holt Instrument Laboratories, 1-2	Box 200, Oconto	Wis
Intl. Tel. & Tel. Corp. Ind. Prods. Div., 2	15191 Bledsoe St. San Fernando	Cal
Ippolito & Co., Inc., James, 1-2	1624 Stillwell Ave. Bronx 61	NY
KEARFOTT DIV., GEN PRECISION INC., 1-2, Adv Pg 394	**Little Falls**	NJ
Kenyon Transformer Co., Inc., 1	1057 Summit Ave, Jersey City 7	NJ
KEPCO, INC., 2 Adv Pg 93-96	**131-38 Sanford Ave. Flushing 52**	NY
Kurz & Root Co., 1-2	Appleton	Wisc
Lumen, Inc., 1-2	Box 905, Joliet	Ill
MAGNETIC AMPLIFIER DIV. SIEGLER CORP., 1-2, Adv Pg 295	**632 Tinton Ave. New York 55**	NY
Matthews Labs., 1-2	4 Warburton Ave. Yonkers	NY
Meaker Co., 2	75 River Rd. Nutley 10	NJ
Measurements Research Co., 2	3840 Crown Ave, Philadelphia	Pa
Med-Tronics Mfg. Co. Inc., 1-2	2019 Westchester Ave. New York 62	NY
Nichols, Ltd., R.H., 1	4544 Dufferin St, Downsview, Ontario, Canada	
NORTH HILLS ELECTRONICS INC., 1-2, Adv Pg 505	**Glen Cove**	NY
OPAD ELECTRIC CO., 1-2, Adv Pg 408	**43-5 Walker St. New York 13**	NY
Orion Electronic Corp., 1-2	108 Columbus Ave. Tuckahoe	NY
OVITRON CORP., 1-2, Adv Pg 540	**42-62 Johnes St. Newburgh**	NY
P. R. L. Electronics Inc., 1-2	232 Westcott Dr. Rahway	NJ
Penn Keystone Corp., 2	Box 350, Derby	Conn
Pintsch Bamag AG, 1-2	Postfach 11, Butzbach, Germany	
Power Instruments Corp., 1-2-3-4	295 Oregon St. El Segundo	Cal
Power Supplies, Inc., 1-2	1007 Olive St, Highland	Ill
Power-Tronic Systems, Inc., 1-2	10-12 Pine Ct. New Rochelle	NY
R S ELECTRONICS CORP., 2, Adv Pg 305	**Box 11368, Sta A, Palo Alto**	Cal
Radio Dev & Research Corp., 1-2	100 Perry Ave. Paterson 3	NJ
RED BANK DIV. BENDIX CORP., 1-2, Adv Pgs 16, 17	**Eatontown**	NJ
Regulators, Inc., 1-2	455 W Main St, Wyckoff	NJ
RIBET DESJARDINS, 1, Adv Pgs 229-232	**13-17 Rue Perier, Montrouge Seine**	Fr
Servomechanisms/Inc., 1-2	200 N Aviation Blvd. El Segundo	Cal
Sparton Corp., 1-2	2400 E Ganson St. Jackson	Mich
Standard Electronics Div Reeves Instrument Corp., 1-2	Lakewood Rd. Farmingdale	NJ
TOROTEL INC., 1-2, Adv Pg 496	**5512 E 110th St. Kansas City 37**	Mo
TORWICO ELECTRONICS INC., 1-2, Adv Pgs 491, 492	**Route 70, Lakewood**	NJ
Transistor Devices Inc., 1-2	40 Factory St. Cedar Grove	NJ
TRANSITRON ELECTRONIC SALES CORP., 1-2, Adv Pgs 315-318	**168-182 Albion St. Wakefield**	Mass
VARO, INC., 1-2, Adv Pg 118	**2201 Walnut St. Garland**	Tex
VecTrol Engineering Inc., 2	Box 1089, Stamford	Conn
Vibration Research Labs., Inc., 1-2	51 Westchester Rd, Tuckahoe	NY
Vickers, Inc., Electric Products Div., 1-2	1899 Locust St, St. Louis 3	Mo
WALLSON ASSOCIATES INC., 1-2, Adv Pg 289	**912 Westfield Ave. Elizabeth**	NJ
Weltronic Co., 1-2	19500 W. Eight Mile Rd, Southfield	Mich
Western Design & Electronics, 1-2	Santa Barbara Airport, Goleta	Cal

REGULATORS *-FREQUENCY*

ACCURATE INSTRUMENT CO., Adv Pg 390	**2418 W Alabama, Houston 6**	Tex
American Electronics Inc. Precision Power Div	1598 E Ross Ave. Fullerton	Cal
Applied Control Corp	1000 Main St. Hackensack	NJ
Arnec Corp	195 W Hills Rd. Huntington Sta	NY
Atlas Controls Inc	Dept. EM, 9 Erie Dr. Natick	Mass
Brach Mfg. Corp	200 Central Ave. Newark	NJ
Canadian Research Institute	85 Curlew Dr. Don Mills	Ont
Consolidated Avionics Corp	800 Shames Dr, Westbury	NY
ERA Pacific, Inc	1760 Stanford St. Santa Monica	Cal
Electric Regulator Corp	Pearl St, Norwalk	Conn
Electronic Research Associates, Inc	67 Factory Pl, Cedar Grove	NJ
Fidelity Instrument Corp	1100 E. Boundary Ave, York	Pa
Fork Standards Inc	1915 N Harlem Ave. Chicago 35	Ill
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	NY
Gerst & Co., Paul E.	4668 N. Clark, Chicago 40	Ill
Gibbs Mfg. & Research Corp.	454 N Main St. Janesville	Wis
Gulton Industries, Inc	212 Durham Ave. Metuchen	NJ
Holt Instrument Laboratories	Box 200, Oconto	Wis
Leach Corp	18435 Susana Rd, Compton	Cal
Leland Airborne Products, Div., AMF	P.O. Box 128, Vandalia	Ohio
Lumen, Inc.	Box 905, Joliet	Ill
MODEL ENG. & MFG. CORP., Adv Pg 480	**50 Frederick St. Huntington**	Ind
Pitometer Log Corp	237 Lafayette St, New York 12	NY
Radio Dev. & Research Corp	100 Perry Ave. Paterson 3	NJ
RED BANK DIV. BENDIX CORP., Adv Pgs 16, 17	**Eatontown**	NJ
Regulators, Inc	455 W Main St, Wyckoff	NJ
Riverbank Labs. Dept of Engrg	Box 65, Geneva	Ill
Sparton Corp	2400 E Ganson St. Jackson	Mich
TOKYO DENKI SEIKI CO. LTD., Adv Pg 264	**11 2-chome, Nakamachi, Kanda, Chiyoda-ku, Tokyo**	Jap
Transistor Devices Inc	40 Factory St. Cedar Grove	NJ
VARO, INC., Adv Pg 118	**2201 Walnut St. Garland**	Tex
VecTrol Engineering Inc	Box 1089, Stamford	Conn

REGULATORS *-VOLTAGE*

1. A-C 2. D-C

Advance Components Ltd., 1	Roebuck Rd. Hainault, Ilford, Essex	Eng
Aerolab Development Co., 1-2	330 W. Holly St. Pasadena	Cal
Allis-Chalmers Mfg Co., 1-2	905 S 70th St. Milwaukee 1	Wis
American Electronics Inc. Precision Power Div., 1-2	1598 E Ross Ave. Fullerton	Cal
American Rectifier Corp., 1-2	99 Lafayette St. New York 13	NY
American Research & Mfg. Corp., 1-2	921 Halpine Ave. Rockville	Md
AMP INC., 1-2, Adv Pgs 65, 183	**Eisenhower Blvd. Harrisburg**	Pa
Amplifier Corp of America, 1-2	398 Broadway, New York 13	NY
Artronic Corp., 1	1712 W. Montrose Ave, Chicago 13	Ill
Applied Control Corp., 1-2	1000 Main St. Hackensack	NJ
Atlas Controls Inc., 1-2	Dept. EM, 9 Erie Dr. Natick	Mass
ATLAS ENGINEERING CO. INC., 1-2, Adv Pg 108	**10 Cheney St. Roxbury**	Mass
Basler Electric Co. Systems Sales, 1	Box 269, Highland	Ill
Bergen Labs. Inc., 1-2	60 Spruce St. Paterson 1	NJ
Beva Electronics Inc., 2	185 4th St. Trenton 8	NJ
Bogue Electric Mfg. Co	52 Iowa Ave, Paterson 3	NJ
Brach Mfg. Corp., 1-2	200 Central Ave, Newark	NJ
CBC Electronics Co. Inc., 1	7601 N Howard St. Philadelphia 33	Pa
Calmag Div. Calif. Magnetic Cont. Corp., 1-2	11922 Valerio St. N Hollywood	Cal
Campbell Co. Inc., Collin, 1-2	Miry Brook Rd. Danbury	Conn
Canadian Research Institute, 2	85 Curlew Dr. Don Mills	Ont
Carad Corp., 2	3381 Junipero Serra Blvd. Palo Alto	Cal
Consolidated Avionics Corp., 1-2	800 Shames Dr, Westbury	NY
DAVENPORT MFG. DIV.-DUNCAN ELEC. CO., 1-2, Adv Pg 451	**2530-32 N Elston Ave. Chicago 47**	Ill
Devco Inc., 1-2	E Longmeadow	Mass
Djeco, Div., Djordjevic Engrg Co., 1-2	1933 N. Damen, Chicago 47	Ill
DORSETT ELECTRONICS, INC., 1-2, Adv Pg 299	**Box 862, Norman**	Okla
Dresser Electronics, HST Div., 1-2	555 N 5th St. Garland	Tex
Dresser Electronics SIE Div., 1-2	10201 Westheimer Rd. Houston 42	Tex
EIR Corp., 2	5177 Overland Ave. Culver City	Cal
E.P. Electric Products Co., Ltd., 1-2	972 Beverly St, Montreal 12, Que, Canada	
ERA Pacific, Inc., 1-2	1760 Stanford St, Santa Monica	Cal
Elasco, Inc., 1-2	5 Prescott St, Roxbury 19	Mass
Electric Regulator Corp., 1-2	Pearl St, Norwalk	Conn
Electro Seal Corp., 1-2	946 North Ave, Des Plaines	Ill
Electronic Measurements Co. Inc., 1	Lewis St. & Maple Ave. Eatontown	NJ
Electronic Research Assoc. Inc., 1-2	67 Factory Pl, Cedar Grove	NJ
Elin Div. IERC, 1	135 W Magnolia Blvd. Burbank	Cal
Engineered Magnetics Div., Gulton, 1-2	13041 Cerise Ave, Hawthorne	Cal
Escotronics, 1-2	7000 S Vine St. LaGrange	Ill
Fairfield Controls Inc., 1-2	114 Manhattan St. Stamford	Conn
Ferrotran Electronic Co., Inc., 2	693 Broadway, New York 12	NY
Fidelity Instrument Corp., 1-2	1000 E. Boundary Ave, York	Pa
G. B. Components Inc., 2	14521 Arminta St. Van Nuys	Cal
GENERAL ELECTRIC CO. APPARATUS SALES, 1-2, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	NY
GENERAL MAGNETICS INC., 1-2, Adv Pgs 327, 328	**135 Bloomfield Ave. Bloomfield**	NJ
General Nuclear Corp., 1-2	490 5th Ave. New York 36	NY
General Radio Co., 1	West Concord	Mass
Gerst & Co., Paul E., 1-2	4668 N. Clark, Chicago 40	Ill
Green Rectifier Co., 1-2	1-10 30th St, Fair Lawn	NJ
Gulton Industries, Inc., 1-2	212 Durham Ave. Metuchen	NJ
HALLICRAFTERS CO., 1, Adv Pg 385	**4401 W 5th St. Chicago 24**	Ill
Hamilton Standard Div. United Aircraft Corp., 1-2	Broad Brook	Conn
Hesco Engineering Co., 2	322 E. Beach Ave, Inglewood 3	Cal
Hevi-Duty Electric Co. Div. Basic Products Corp., 1-2	300 Hart St. Watertown	Wis
Holt Instrument Laboratories, 1	Box 200, Oconto	Wis
H-S Instrument Div., Harris Instrument Co., 2	3225 W. 160th St. Cleveland 35	Ohio
INTERELECTRONICS CORP., 1-2, Adv Pg 521	**2432 Grand Concourse, New York 58**	NY
INTERNATIONAL RECTIFIER CORP., 2, Adv Pgs 62, 63	**233 Kansas St. El Segundo**	Cal

Intl. Tel. & Tel. Corp. Ind. Prods. Div., 2	15191 Bledsoe St. San Fernando	Cal
Jack & Heintz Div. Siegler Corp., 1-2	Box 6719, Cleveland 1	Ohio
KEARFOTT DIV., GEN PRECISION INC., 1-2, Adv Pg 394	**Little Falls**	**NJ**
Kelk Ltd., George, 1	5 Lesmill Rd, Don Mills, Ontario	
KEPCO, INC., 2 Adv Pg 93-96	**131-38 Sanford Ave. Flushing 52**	**NY**
Leach Corp., 1-2	18435 Susana Rd, Compton	Cal
Lee Electric & Mfg. Co., 2	2806 Clearwater St, Los Angeles 39	Cal
Leland Airborne Products Div. A M F, 1	Box 128, Vandalia	Ohio
Lumen, Inc., 1-2	P.O. Box 905, Joliet	Ill
Matthews Labs., 2	4 Warburton Ave. Yonkers	NY
Mesa Co., 2	75 River Rd. Nutley 10	NJ
Med-Tronics Mfg. Co. Inc., 1-2	2019 Westchester Ave. New York 62	NY
Micro Gee Products, Inc., 2	6319 W Slauson Ave. Culver City	Cal
Mid-Eastern Electronics, Inc., 2	32 Commerce St, Springfield	NJ
Nichols, Ltd. R.H., 1	4544 Dufferin St. Downview	Ont
Norbatrol Electronics Corp., 1-2	356 Collins Ave, Pittsburgh 6	Pa
OPAD ELECTRIC CO., 1-2, Adv Pg 488	**43-5 Walker St. New York 13**	**NY**
Orion Electronic Corp., 1-2	108 Columbus Ave, Tuckahoe	NY
OXITRON CORP., 1-2, Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
P. R. L. Electronics Inc., 1-2	232 Westcott Dr. Rahway	NJ
Penn Keystone Corp., 2	Box 350, Derby	Conn
Perkin Electronics Corp., 1	345 Kansas St. El Segundo	Cal
Philips Electronic Instruments., 1	750 S Fulton Ave. Mt. Vernon	NY
Phillips Electronics Mfg Co., 1-2	119 Allen Blvd. Farmingdale	NY
Pintsch Bamag AG, 1-2	Postfach 11, Butzbach, Germany	
Plug-In Instruments, Inc., 2	1416 Lebanon Rd. Nashville 10	Tenn
Power Supplies, Inc., 1-2	1007 Olive St, Highland	Ill
Power - Tronic Systems, Inc., 1-2	10-12 Pine Cl. New Rochelle	NY
R S ELECTRONICS CORP., 2, Adv Pg 305	**Box 11368, Sta A, Palo Alto**	**Cal**
Radiation Inc., 1-2	Melbourne	Fla
Radio Dev. & Research Corp., 1-2	100 Penna. Ave. Paterson 3	NJ
Rank Cintel Ltd., 1	Worsley Bridge Rd, London S.E. 26, England	
RED BANK DIV. BENDIX CORP., 1-2, Adv Pgs 16, 17	**Eatontown**	**NJ**
Regulators, Inc., 1-2	455 W. Main St, Wyckoff	NJ
Rodale Electronics, 1-2	562 Grand Blvd. Westbury	NY
Servomechanisms/Inc., 1-2	200 N Aviation Blvd. El Segundo	Cal
Servomex Controls Ltd., 1-2	Crowborough, Sussex	Eng
Servo-Tek Products Co., Inc., 2	1086 Goffle Rd, Hawthorne	NJ
SHAPIRO & EDWARDS, 2, Adv Pg 512	**1130 Mission St. South Pasadena**	**Cal**
SOLA ELECTRIC CO., 1-2, Adv Pgs 189-192	**4633 W 16th St. Chicago 50**	**Ill**
SORENSEN & CO. INC., 1, Adv Pg 40	**Richards Ave. Norwalk**	**Conn**
Sparton Corp., 1-2	2400 E Ganson St. Jackson	Mich
STANCOR ELECTRONICS INC., 1, Adv Pg 503	**3501 W Addison St. Chicago 18**	**Ill**
Standard Electrical Products Co., 1	2240 E 3rd St. Dayton 3	Ohio
Straza Industries, 2	790 Greenfield Dr. El Cajon	Cal
Superior Electric Co., The, 1	383 Middle St. Bristol	Conn
TECHNICAL APPARATUS BUILDERS, 2, Adv Pg 529	**109 Liberty St. New York 6**	**NY**
Tel-Instrument Electronics Corp., 1	728 Garden St, Carlstadt	NJ
Tenco Electronics Inc., 2	108 Cummington St. Boston	Mass
TOROTEL INC., 1-2, Adv Pg 496	**5512 E 110th St. Kansas City 37**	**Mo**
TORWICO ELECTRONICS INC., 1-2, Adv Pgs 491, 492	**Route 70, Lakewood**	**NJ**
Transistor Devices Inc., 1-2	40 Factory St. Cedar Grove	NJ
TRANSITRON ELECTRONIC SALES CORP., 1-2, Adv Pgs 315-318	**168-182 Albion St. Wakefield**	**Mass**
United ElectroDynamics Inc., 2	200 Allendale Rd. Pasadena	Cal
Valor Instruments, Inc., 1-2	13214 Crenshaw Blvd. Gardena	Cal
Vapor Heating Corp., 2	80 E. Jackson Blvd, Chicago 4	Ill
VARO, INC., 1-2, Adv Pg 118	**2201 Walnut St. Garland**	**Tex**
VecTrol Engineering Inc., 2	Box 1089, Stamford	Conn
Vibration Research Labs., Inc., 1-2	58 Marbledale Rd, Tuckahoe	NY
Vol-Shan Electronics, 1-2	13259 Sherman Way, North Hollywood	Cal
WALLSON ASSOCIATES INC., 1-2, Adv Pg 209	**912 Westfield Ave. Elizabeth**	**NJ**
Weltronic Co., 1-2	19500 W. Eight Mile Rd, Southfield	Mich
Western Design & Electronics, 1-2	Santa Barbara Airport, Goleta	Cal
WHEELER ELECTRONIC CORP. SUB. SPERRY RAND CORP., 2, Adv Pg 490	**150 E Aurora St. Waterbury 20**	**Conn**
Wiches Engineering & Construction Co., 1-2	12th St & Ferry Ave, Camden 4	NJ
YUTAKA ELECTRIC MFG. CO. LTD., 1, Adv Pg 266	**1-1253 Yutaka-cho, Shinagawa-ku, Tokyo**	**Jap**

RELAY BASES See BASES
RELAY COILS See COILS—WINDINGS ONLY
RELAY CORES See CORES—LAMINATED
RELAY LINKS See LINKS—MICROWAVE ANTENNA RELAY
RELAY METERS See METERS—RELAY
RELAY-RACK PANELS See PANELS
RELAY RACKS See RACKS—MOUNTING & RELAY
RELAYS—CALIBRATED See METERS—RELAY
RELAYS—CAPACITANCE-OPERATED See CONTROLS—CAPACITANCE-OPERATED

RELAYS

1. COAXIAL
2. CROSS-BAR
3. DIFFERENTIAL
4. ELECTRONIC, RESISTANCE-ACTIVATED
5. ELECTROSTRICTIVE
6. FREQUENCY-SELECTIVE (AUDIO TONE-OPERATED)
7. HIGH-G
8. HIGH-SPEED
9. HIGH-VOLTAGE
10. IMPULSE
11. KEYING & BREAK-IN
12. LATCHING
13. MERCURY
14. OVERLOAD
15. OVERVOLTAGE & UNDERVOLTAGE
16. POLARIZED
17. POWER
18. ROTARY
19. SENSITIVE
20. SEQUENCE
21. STEPPING
22. SUBMINIATURE (MICROMINIATURE)
23. TELEPHONE
24. TEMPERATURE-COMPENSATED
25. THERMAL
26. TIME-DELAY
27. VACUUM-CONTACT
28. VIBRATING-REED TYPE
29. VIBRATION-SENSITIVE
30. STATIC

See Also CONTACTORS: D'ARSONVAL See AMMETERS—CONTACT MAKING: VOLTMETERS—CONTACT MAKING

ABRAMS INSTRUMENT CORP., 26, Adv Pg 415	**606 E Shiawassee, Lansing**	**Mich**
Acro Div. Robertshaw-Fulton Controls Co., 4-10-12-17-19-26	2025 E Main, Columbus 16	Ohio
Adams & Westlake Co., 8-13-14-15-17-19-26	1025 N. Michigan St, Elkhart	Ind
Advanced Electronics Inc., 29	94 Silas Deane Hwy. Rocky Hill	Conn
Aemco, Div. of Telex, 1-9-10-11-12-14-17-22	11 State St. Mankato	Minn
Aero Electronics Corp., 9-11-12-16-17-23-24	1745 W. 134 St. Gardena	Cal
Aero Mechanism Inc., 27	13866 Saticoy St., Van Nuys	Cal
Aerolite Electronics Corp., 19	2207 Summit Ave, Union City	NJ
Agastat Timing Instruments, Elastic Stop Nut Corp of America, 26	1027 Newark Ave, Elizabeth 3	NJ
Air-O-Tronics Engineering Co., 17-22-23	Morrisville	NY
Airborne Accessories Corp., 19	1414 Chestnut Ave. Hillside 5	NJ
Allen-Bradley Co., 14-17-26	136 W Greenfield Ave. Milwaukee 4	Wis
ALLIED CONTROL CO. INC., 1-3-7-8-9-10-11-12-14-15-16-17-18-19-20-22-23-26, Adv Pg 102	**2 East End Ave. New York 21**	**NY**
American Instrument Co., Inc., 19	8030 Georgia Ave, Silver Spring	Md
Amer-Monarch Corp. Amer. Elec. Div., 1-10-12-15-16-19-23	2801 37th Ave. NE, Minneapolis 18	Minn
AMERICAN TELEVISION & RADIO CO., 17, Adv Pg 324	**300 E 4th St. St Paul 1**	**Minn**
AMPERITE CO. INC., 3-15-23-24-25-26, Adv Pg 541	**561 Broadway, New York 12**	**NY**
Applied Control Corp., 4	1000 Main St. Hackensack	NJ
Arrow-Hart & Hegeman Electric Co., 12-14-17-24-25	103 Hawthorn St. Hartford 6	Conn
Artisan Electronics Corp., 2-3-9-10-12-14-16-17-19-20-21-25-26	171 Ridgedale Ave. Morristown	NJ
Atlas Controls Inc., 15	Dept. E4, 9 Erie Dr. Natick	Mass
Attee Corp. Monitor Controller Div., 4	99 Grove St. Rockland	Mass
Automatic Electric Sales Corp., 8-9-10-12-13-16-17-18-19-20-21-23-26-28	Northlake	Ill
AUTOMATIC METAL PRODUCTS CORP., 1, Adv Pg 550	**315 Berry St. Brooklyn 11**	**NY**
Automatic Switch Co., 14-17-26	50-56 Hanover Rd, Florham Park	NJ
Automatic Timing & Controls, Inc., 26	King of Prussia	Pa
Babcock Relays, Inc., 1-3-7-8-10-12-13-14-15-16-17-18-19-22-23	1645 Babcock Ave. Costa Mesa	Cal
Baird-Atomic Inc., 9	33 University Rd. Cambridge 38	Mass
Barber Colman Co., 3-12-16	1300 Rock St, Rockford	Ill
Baso Inc., 19-16	730 N Jackson St. Milwaukee 1	Wis
Bell & Gossett Co., 28	8202 N. Austin Ave, Morton Grove	Ill
Bergen Labs. Inc., 30	60 Spruce St. Paterson 1	NJ
Berkeley Instrument Co., 4-19-26	Box 146, Berkeley Heights	NJ
Biddle Co., James G., 6-19-28	1316 Arch St. Philadelphia 7	Pa
Bourns Inc., 22	6135 Magnolia Ave. Riverside	Cal
Bradford Components, Inc., 11-12	65 South Ave. Salamanca	NY
BRANSON CORP., 7-8-9-10-15-16-18-19-20-22-24-25-26, Adv Pg 294	**41 S Jefferson Rd. Whippany**	**NJ**
Cardinal Control Co., 17-19	34 Meadow St. New Britain	Conn
CETRON ELECTRONICS CORP., 13, Adv Pg 379	**715 Hamilton, Geneva**	**Ill**
Clare & Co., C.P., 3-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26	3101 Pratt Blvd. Chicago 45	Ill
Clark Controller Co., 4-12-14-15-16-17-26	1146 E 152nd St. Cleveland 10	Ohio
COMAR ELECTRIC CO., 3-8-10-12-17-19-22-23-26, Adv Pg 497	**3349 W Addison, Chicago 18**	**Ill**
Continental Electronics Corp., 26	302 Oakland St. Brooklyn 22	NY
CONTINENTAL INSTRUMENTS CORP., 20-26, Adv Pg 521	**110 Atlantic Ave. Lynbrook**	**NY**
Control Dynamics Corp., 7-14-18-19-22	7420 Fulton Ave. N Hollywood	Cal
Cooper Hewitt Electric Co. Inc. Div. Sperti Faraday Inc., 27	732 Grand St. Hoboken	NJ
CORNELL-DUBILIER ELECTRONICS DIV. FED PACIFIC ELEC CO., 1-3-8-12-17-21-22-23, Adv Pgs 148, 149	**50 Paris St. Newark 1**	**NJ**
COUCH ORDNANCE, INC., 7-17-18-19-22, Adv Pg 288	**3 Arlington St. North Quincy 71**	**Mass**
Cramer Controls Corp., 20-26	Box 13, Centerbrook	Conn
CURTISS-WRIGHT CORP. ELECTRONICS DIV., 4-22-24-25-26-27-30, Adv Pg 473	**35 Market St. E Paterson**	**NJ**
CURTISS WRIGHT CORP. INTERMTN. BR., 8-30, Adv Pg 474	**Box 8324, Albuquerque**	**NM**
Cutler-Hammer Inc., 12-17	411 N 12th St. Milwaukee 1	Wis
Davis Electric Co., 3-12-13-17-21-23	Cape Girardeau	Mo
Daystrom Inc. Control Systems Div., 19-24	4455 Miramar Rd. La Jolla	Cal
Daystrom Inc. Weston Instruments Div., 19-23	614 Frelinghuysen Ave. Newark 12	NJ
Deltron, Inc., 4	4th & Cambria, Philadelphia 33	Pa
Dialtron Corp., 4-19-22-25-26	203 Harrison Pl. Brooklyn 37	NY
Dielectric Products Engrg. Co. Inc., 1-2	Raymond	Me
Digitrols, Inc., 30	8 Industry Lane, Cockeysville	Md
Dixon Electronics Co., 6-28	13446 W McNichols Rd, Detroit	Mich
Djeco Div. Djordjevic Eng. Co., 30	1933 N Damen, Chicago 47	Ill
Dmeter Mfg. Co. Inc., 25-26	68 N Broadway, Yonkers	NY
Dow-Key Co., Inc., 1-4	Hwy 59 S.E., Thief River Falls	Minn
Durakool Inc., 13-14-17-19-26-27	1010 N Main St. Elkhart	Ind
EIR Corp., 19	5177 Overland Ave, Culver City	Cal
E-T-A Products Co of America, 14-25-26	6284 N. Cicero Ave, Chicago 46	Ill
Eagle Signal Co Div Gamewell Co-EW Bliss Sub, 20-21-26	202-20th St. Moline	Ill
Ebert Electronics Corp., 4-12-13-14-15-16-17-19-26	212-26 Jamaica Ave. Queens Village 28	NY
Edison Ind. Thos A. Instr Div. McGraw-Edison Co., 1-15-19-24-25-26	81 Lakeside Ave. W Orange	NJ
EITEL-MCCULLOUGH INC., 9-27, Adv Pgs 57-60	**301 Industrial Way, San Carlos**	**Cal**
Electro-Actuators Inc. Div. Omega Prec. Inc., 1-12	757 N Coney Ave. Azusa	Cal
Electro-Mechanical Specialties, 3-4-7-8-10-12-14-15-17-18-19-21-22-24	528 W Lambert Rd. Whittier	Cal
Electro-Physics Co., 4	287 Broadway, New York 7	NY
Electro-Seal Corp., 13-14-26	946 North Ave. Des Plaines	Ill
Electro-Switch & Controls, Inc., 2-3-9-10-12-14-15-17-18-19-21-22-23-24-26	5755 Camille Ave, Culver City	Cal
Electro Tec Corp., 4-5-7-10-18-21-22	10 Romanelli Ave, South Hackensack	NJ
Electronic Control Corp., 4	1573 E. Forest St, Detroit 7	Mich
Electronic Controls Inc., 23	66 Southfield Ave. Stamford	Conn
ELECTRONIC PRODUCTS CORP., 26, Adv Pgs 545, 546	**4642 Belair Rd. Baltimore 6**	**Md**
Electronic Specialty Co., 1-15-19-20-22-26	5121 San Fernando Rd. Los Angeles 39	Cal
Elesta Ltd., Electronic Control Appar., 4-17-25	Bad Ragaz, Switzerland	
Elgin National Watch Co., Electronics Div. Advance Relays, 1-2-3-4-7-8-9-10-11-12-14-15-17-18-19-22-23-24-25-26	2435 N Naomi St. Burbank	Cal
El-Tronics Inc., 23	20 S. 15th St, Philadelphia 2	Pa
Epsco Inc. Components Div., 30	275 Massachusetts Ave. Cambridge 39	Mass
Evershed & Vignoles Ltd., 3	Chiswick, London W 4	Eng
Exact Engineering & Mfg., Inc., 3-15	Box 447, Oceanside	Cal
Executone Inc. Components Div., 3-8-16-19-22	47-37 Austell Pl. Long Island City 1	NY
Farmer Electric Products Co., Inc., 4	2300 Washington, Newton Lower Falls	Mass
Fidelity Instrument Corp., 17	1002 E Boundary Ave. York	Pa
FILTORS INC., 4-7-10-12-16-18-19-22, Adv Pg 389	**30 Sagamore Hill Dr. Port Washington**	**NY**
Five Star Co., 17-19	10 W. Main St, Plantsville	Conn
Fork Standards Inc., 6-28	1915 N Harlem Ave. Chicago 35	Ill
FUJI TSUSHINKI SEIZO K.K., 2-6-8-16-19-22-, Adv Pg 259	**2, 3-Chome, Marunouchi Chiyoda-ku Tokyo**	**Jap**
G-V Controls, Inc., 4-14-15-22-24-25-26	Okner Pkwy, Livingston	NJ
Garrett Corp., The, 4	9851 Sepulveda Blvd, Los Angeles 45	Cal
General Automatic Corp., 3-8-11-14-15-19-23-24-26	111 33rd St. Union City	NJ
General Communication Co., 1	677 Beacon St, Boston 15	Mass
General Controls Co., 17-26	801 Allen Ave, Glendale 1	Cal
GENERAL DEVICES INC., 30, Adv Pg 518	**Box 253, Princeton**	**NJ**
General Dynamics/Electronics, 23	100 Carlson Rd. Rochester 3	NY
GENERAL ELECTRIC CO. APPARATUS SALES, 3-7-8-9-12-14-15-16-17-19-20-22-24-25-26, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
Globe Electrical Mfg. Co., 9-11-12-16-17-23-24	1729 W. 134 St, Gardena	Cal
Goat Electronics Inc., 8-12-23-26	322 Dean St. Brooklyn 17	NY
Guardian Electric Mfg. Co., 4-7-8-9-10-11-12-14-15-17-18-19-20-21-22-23-26-29	1550 W Carroll Ave. Chicago 7	Ill
Hagen Mfg. Co. Div. Gamewell Co., 20-26	104 Walnut St. Baraboo	Wis
HALLICRAFTERS CO., 1, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
HARREL INC., 4-30, Adv Pg 332	**1788 1st Ave. New York 28**	**NY**
HART MFG CO., 7-8-9-10-11-12-14-15-16-17-19-20-22, Adv Pg 298	**242 Bartholomew Ave. Hartford 1**	**Conn**
HAYDON CO., A. W., 20-21-26, Adv. Pgs. 302, 303	**238 N Elm St. Waterbury**	**Conn**
HAYDON CO., A. W., 26, Adv Pgs 302, 303	**4038 Ince Blvd. Culver City**	**Cal**
Heinemann Electric Co., 14-26	Rte. 1, Trenton	NJ
Hermetic Seal Corp., 13-14-15-16-24-25-26	29-37 S. Sixth St, Newark 7	NJ
Hi-G, Inc., 7-12-18-19-22-24-26	Bradley Field, Windsor Locks	Conn
HILLBURN ELECTRONICS CORP., 8-10-11-12-14-17-19-20-21-23-26, Adv Pg 350	**55 Nassau Ave. Brooklyn 22**	**NY**
Hi-Spec Electronics Corp., 7-8-19	7328 Ethel Ave, North Hollywood	Cal
Hollywood Television Co. Surgitron Div., 4-25-26	1949 Moffett St. Hollywood	Fla
Hofco Industries, 17-22-23	2815 W. Olive Ave, Burbank	Cal
HYDRO-AIRE CO. DIV. CRANE CO., 26, Adv Pg 431	**3000 Winona Ave. Burbank**	**Cal**
Imtra Corp., 21-23	11 University Rd. Cambridge 38	Mass
INDUSTRIAL TIMER CORP., 12-14-17-19-24-26, Adv Pg 381	**1407A McCarter Hwy. Newark 4**	**NJ**
Iron Fireman Mfg Co. Electronics Div., 8-12-19-22	2838 SE 9th Ave. Portland 2	Ore
JB Electronic Transformers, Inc., 22	2310 W Armitage Ave. Chicago 47	Ill
J-B-T INSTRUMENTS INC., 6, Adv Pgs 133, 134	**133 Hamilton St. New Haven 8**	**Conn**
Jack & Heintz Div. Siegler Corp., 15-17	Box 6719, Cleveland 1	Ohio
Jaidinger Mfg. Co., Inc., 8-9-10-12-17-19-22-24-25-26	1916 W. Hubbard St. Chicago 22	Ill
James Electronics Inc., 1-3-8-10-16-20	4050 N. Rockwell St. Chicago 18	Ill
JENNINGS RADIO MFG CORP., 1-8-9-14-15-17-27, Adv Pg 434	**970 Mc Laughlin Ave. San Jose 8**	**Cal**
Johnson Co., E.F., 9	Waseca	Minn
K-F Products, Inc., 4-5	3100 E 43rd Ave. Denver 16	Colo
Kahl Scientific Instrument Corp., 13	737 W Main St. El Cajon	Cal
Kalpa Scientific Labs., 9	Box 172, Flemington	NJ
Keithley Instruments, Inc., 4	12415 Euclid Ave. Cleveland 6	Ohio
Kellogg Switchboard & Supply Co., 10-18	6650 S. Cicero Ave, Chicago 39	Ill
Kidde Electronics Labs. Walter Kidde & Co. Inc., 30	477 Brighton Rd. Clifton	NJ
Klann Organ Supply Co., 2-11-12	P.O. Box 2398, Waynesboro	Va
Kuhnke Electronics, H., 12-17-18-20-21-26	Malente/Holstein, Germany	
KURMAN ELECTRIC CO. SUB CRESCENT PETROLEUM CORP., 7-8-9-10-11-12-14-15-16-17-19-22-26-29, Adv Pg 549	**191-193 Newell St. Brooklyn 22**	**NY**
Labline, Inc., 4	3070 W Grand Ave. Chicago 22	Ill
Land-Air, Inc., 10-20-21	7444 W. Wilson Ave, Chicago 31	Ill
Larson Instrument Co., 3-4-9-10-12-15-16-19-23	Greenbush Rd. Orangeburg	NY
Leach Corp., 3-4-7-10-11-12-14-15-16-17-18-19-20-22-26-30	18435 Susana Rd. Compton	Cal
Ledex, Inc., 18-21	123 Webster St, Dayton 2	Ohio
Lee Electric & Mfg. Co., 15	2806 Clearwater St, Los Angeles 39	Cal
Life Instrument Co. Inc., 3-8-12-14-15-17-19-24-26	100 Brook St. Franklin	Mass
LINE ELECTRIC CO., 4-8-12-14-17-19-23-26, Adv Pg 380	**229 River St. Orange**	**NJ**
LIONEL CORP., THE, 4-12-17-20-21-28, Adv Pgs 220, 221	**Hoffman Pl. Hillside**	**NJ**
Liquidometer Corp., 19	41-03 36th St, Long Island City 1	NY
Livingston Electronic Corp., 1-25-26	Livingston 3	NJ
LUMATRON ELECTRONICS, INC., 1-8-13, Adv Pg 502	**116 County Chse Rd. New Hyde Park**	**NY**
Lumen, Inc., 15-19-26	Box 905, Joliet	Ill
Machinery Electrification, Inc., 4-14-26	56 Hudson St. Northboro	Mass
Mack Electric Devices Inc., 13	49 Glenside Ave. Wyncote	Pa
Magnecraft Electric Co., 2-7-8-9-10-11-12-14-15-17-18-19-22-23-26-29	3352 W Grand Ave. Chicago 51	Ill
Magnetic Devices, Inc., 1-12-16-18-19	712 East St, Frederick	Md
Mallory Electromagnetic Co., 4-9-28	Du Quoin	Ill
Mallory Electronics Div., 17-26	3029 E Washington Ave. Indianapolis	Ind
Marstan Electronics Corp., 24-26-30	204 Babylon Tnpk. Roosevelt	NY
Master Specialties Co., 20-26	956 E. 108th St, Los Angeles 59	Cal
Maury & Associates, 1	10373 Mills Ave. Montclair	Cal
Med-Tronics Mfg. Co. Inc., 4-12-19	2019 Westchester Ave. New York 62	NY
Mercoid Corp., 13	4201 Belmont Ave, Chicago 41	Ill
Mercury Contacts, Inc., 13	1950 Nova Dr, Dayton 14	Ohio
Microdot, Inc., 1	220 Pasadena Ave, South Pasadena	Cal
Micromag Instrument Corp., 15	115 Halleck St. Roxbury	Mass
Miniature Electronic Components Corp., 7-8-12-16-19-22	21 Plymouth St. Holbrook	Mass
Minn-Honeywell, Aero Controls Div., 4	2753 4th Ave. S, Minneapolis 8	Minn
Miratel, Inc., 4-6	1 St. SE & Richardson, New Brighton 12	Minn
Molded Insulation Co., 19-22	335 E. Price St, Phila 44	Pa
Molex Products Co., 17	9515 Southview Ave. Brookfield	Ill
Mollenbach Div., Electric Machinery Mfg. Co., 5	2100 E. 27 St, Los Angeles 58	Cal
Natel Engineering Co. Inc., 6-15-26	15922 Strathern St. Van Nuys	Cal
NAYBOR LABS. INC., E. V., 7-12-18-22-26, Adv Pg 538	**26 Manorhaven Blvd. Port Washington**	**NY**

Nelson Electric Mfg Co., 26	Box 5385, Tulsa 15	Okla
Nelson Instrument Co., 26	Box 58, Spring Valley	Ill
Networks Electronic Corp., 4	14806 Oxnard St. Van Nuys	Cal
NIPPON ELECTRIC CO. LTD., 21-23-29, Adv Pg 267	2 Shiba Mita-ku, Tokyo	Jap
Norbatrol Electronics Corp., 4-30	356 Collins Ave, Pittsburgh 6	Pa
North Electric Co., 2-4-7-8-9-10-11-12-14-15-16-17-18-19-20-21-22-23-25-28-29	553 S Market St. Galion	Ohio
OAK MFG CO., 8-18-20-21, Adv Pg 283	Crystal Lake	Ill
OHMITE MFG. CO., 8-12-14-15-17-19-23-26, Adv Pgs 276, 277	3601 Howard St. Skokie	Ill
OKI ELECTRIC INDUSTRY CO. LTD., 2-9-16-18-19-21-23, Adv Pg 257	10 Shiba Takahama-cho Minato-ku, Tokyo	Jap
Orrin Electronics Inc., 7-15-24-25-29	151 Taylor St. Orange	NJ
Osborne Electric Co. Ltd., 1-2-3-4-5-7-8-9-10-11-12-14-15-16-17-19-21-23-28-29	95 Wesley St. Toronto 18	Ont
OVITRON CORP., 4, Adv Pg 540	42-62 Johnes St. Newburgh	NY
Pacific Relays, Inc., 8-15-17-19-22	13535 Saticoy Ave, Van Nuys	Cal
Pacific Scientific Co., 19-21-27-28-29	Box 22019, Los Angeles 22	Cal
Paine Avionics, 30	Rte 5, Box 610, Everett	Wash
Pendar, Inc., 7	14744 Arminta St. Van Nuys	Cal
Penn Keystone Corp., 7-8-10-12-15-16-19-25-27	Box 350, Derby	Conn
Pinto Laboratories, Inc., 27	312 N. Nopal St, Santa Barbara	Cal
Pinschel Electronics, Inc., 9	Rt. 216, Towners, Patterson	NY
Phaostron Instrument & Electronic Co., 19	151 Pasadena Ave, South Pasadena	Cal
Phillips Control Corp., 7-8-11-12-17-22-23-25	59 W Washington St. Joliet	Ill
Pioneer Electronics Corp., 19	2235 S. Carmelina, W. Los Angeles 65	Cal
POLLAK CORP., JOSEPH, 1-2-3-4-6-9-12-15-16-17-19-23-24-25-26-28, Adv Pg 500	85 Freeport St. Boston 22	Mass
Potter & Brumfield Div of American Machine & Foundry Co., 7-8-10-11-12-14-16-17-19-21-22-23	Princeton	Ind
Power Instruments Corp., 15-30	235 Oregon St. El Segundo	Cal
PRECISE MEASUREMENTS CO., 9 Adv Pg 322	R. D. 1, Millbrooks Rd. Flemington	NJ
Precision Thermometer & Instrument Co., 19-25-26	1432 Brandywine St. Philadelphia	Pa
Price Electric Corp., 1-9-12-17-18-19-21-22-23-26	Frederick	Md
Pyramid Instrument Corp., 12-25	630 Merrick Rd, Lynbrook	NY
RBM Controls Div. Essex Wire Corp., 2-3-4-5-7-8-9-10-11-14-15-16-17-18-19-20-22-23-24-25-26-27-28-29	Logansport	Ind
RF PRODUCTS DIV. AMPHENOL-BORG ELECTRONICS CORP., 1-18-22, Adv Pg 204	33 E Franklin St. Danbury	Conn
Raytheon Co. Ind Components Div., 30	55 Chapel St. Newton 58	Mass
RED BANK DIV. BENDIX CORP., 15, Adv Pgs 16, 17	Eatontown	NJ
Relays, Inc., 4-8-9-11-14-15-16-17-19-22-23	162 W 83 St. New York 24	NY
Research Industrial Labs. of Electronics, 4	Roslyn	Pa
Resitron Laboratories, Inc., 7-8-9-27	2908 Nebraska Ave, Santa Monica	Cal
Rhodes, Inc., M.H., 26	30 Bartholomew Ave, Hartford 6	Conn
RIXON ELECTRONICS INC., 6-8-16-27, Adv Pg 412	2414 Reedie Dr. Silver Spring	Md
Roberts Electronics Inc., 15	5920 Bowcroft St. Los Angeles 16	Cal
Sargent & Greenleaf Inc., 6-30	24 Seneca Ave. Rochester	NY
Scientia Controls Inc., 24-25	210 Taylor St. Riverside	NJ
SCHERMA MFG. CO. INC., F. A., 1-4-23, Adv Pg 538	424 Broome St. New York 13	NY
Sealectric Switch & Relay Co., 2-11-17-18-21-23	6023 N. Keystone, Chicago	Ill
Servo-Tek Products Co., Inc., 4-19	1086 Goffle Rd, Hawthorne	NJ
Shawmut Engineering Co., 19	195 Freeport St. Boston	Mass
SIGMA INSTRUMENTS INC., 3-7-8-10-11-12-14-15-16-17-19-21-22-24, Adv Pgs 169-172	180 Pearl St. S Braintree 85	Mass
Sine Ring Co. of America, 2-6	3612 W Jefferson Blvd. Los Angeles 16	Cal
Sinotest Inc., 7	128 Jackson St. Cambridge 40	Mass
SOLID STATE ELECTRONICS CO., 4-7-8-22-26-30, Adv Pg 238	Dept E 15321 Rayen St. Sepulveda	Cal
Spec-Tronics, 26	11942 Saticoy Ave, Van Nuys	Cal
Square D Co., 8-12-14-15-17-20-26	4041 Richards, Milwaukee 12	Wis
Standard Magnetics Div. Cornell Dubilier Electric Corp., 1-10-11-12-17-20-21-23	Walkersville	Md
Standard Tel. & Cables Ltd., 8-10-16-22-23-26	29 Glasshouse Yard, London	Eng
Stelma, Inc., 4	200 Henry St, Stamford	Conn
STEVENS-ARNOLD INC., 6-8-11-16-28, Adv Pg 367	7 Elkins St. South Boston 27	Mass
Struthers-Dunn Inc., 3-7-8-9-10-11-12-13-14-15-17-18-19-20-21-22-23-25-26-27	Lamb's Rd. Pitman	NJ
Syracuse Electronics Corp., 4-14-15-26	Box 596, Syracuse 1	NY
Telecomputing Corp., 22	915 N. Citrus Ave, Hollywood	Cal
Telecomputing Corp. Elec Comps Div., 22	12838 Saticoy St. North Hollywood	Cal
Telex, 1-3-9-11-12-14-17-19-22-23-25	Telex Park, St Paul 1	Minn
TEMPO INSTRUMENT INC., 4-10-15-26, Adv Pg 131	Commercial St. Hicksville	NY
Tenzo Co., 19	1059 Raymond Ave, St. Paul 14	Minn
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 14-15-25, Adv Pg 81	34 Forest St. Attleboro	Mass
Thermosen, Div., Jameson Labs., Inc., 7-8-10-11-15-16-17-18-19-22-24-25	7900 Haskell Ave, Van Nuys	Cal
Thermoswitch, Inc., 27	375 Fairfield Ave. Stamford	Conn
TOROTEL INC., 15, Adv Pg 496	5512 E 110th St. Kansas City 37	Mo
TORWICO ELECTRONICS INC., 3-4-6-12-14-15-16-19-24-30, Adv Pgs 491, 492	Route 70, Lakewood	NJ
Transco Products Inc., 1	12210 Nebraska Ave, L A 25	Cal
TRANSITRON ELECTRONIC SALES CORP., 22, Adv Pgs 315-318	168-182 Albion St. Wakefield	Mass
TREPAC CORP. OF AMERICA, 4-6-8-10-11-16-19-20-26, Adv Pgs 415, 426	30 W Hamilton Ave. Englewood	NJ
TUNG-SOL ELECTRIC INC., 15-19-25, Adv Pgs 158, 159	1 Summer Ave. Newark 4	NJ
Ulmer Co., H. W., 26	2941 San Luis Rey Rd. Oceanside	Cal
Union Switch & Signal Div. Westinghouse Air Brake Co., 18-19-22-26	Pittsburgh 18	Pa
Unified Control Corp., 26	Overlake Ind Pk. Box 3104, Seattle	Wash
Universal Match Corp. Armament Div., 15	472 Paul Ave. St Louis 35	Mo
Vapor Heating Corp., 9-17-25-30	80 E Jackson Blvd. Chicago 4	Ill
Varian Associates, 20	611 Hansen Way, Palo Alto	Cal
VARO INC., 6 Adv Pg 118	2201 Walnut St. Garland	Tex
Vesper Electronics, Ltd., 4	Kingston By-Pass, New Malden	Eng
Vo-Tran Electronics, 26	13259 Sherman Way, North Hollywood	Cal
Vulcan Products Co., 15	1020 S Arroyo Pkwy. Pasadena	Cal
Warco Industries Inc., 17-26	569 Melville, St Louis 30	Mo
WARD LEONARD ELECTRIC CO., 17-19, Adv Pgs 338, 339	23 South St. Mt. Vernon	NY
Western Design & Electronics, 4-19-30	Santa Barbara Airport, Goleta	Cal
Westinghouse-Gen Purpose Controls Dept., 15	Buffalo	NY
Westinghouse-Standard Control Div., 14-17	Beaver	Pa
Wheelock Signals, Inc., 7-12-17-19-22	273 Branchport Ave. Long Branch	NJ
Wilson & Co., G. C., 26	1035 29th St. Huntington	W Va
Wiltic Corp., 8-19-22	Box 241, Endicott	NY
Wuerth Tube-Saving Corp., 4-25-25	Box 66, Hallandale	Fla
Wurlitzer Co., 6-28	North Tonawanda	NY

RELAYS—ELECTROCHEMICAL

Bourns Inc	6135 Magnolia Ave. Riverside	Cal
BRANSON CORP., Adv Pg 294	41 S Jefferson Rd. Whippany	NJ
Electronic Controls Inc	66 Southfield Ave. Stamford	Conn
Gold Electronics Inc	322 Dean St. Brooklyn 17	NY
Guardian Electric Mfg. Co	1550 W Carroll Ave. Chicago 7	Ill
HART MFG CO., Adv Pg 298	242 Bartholomew Ave. Hartford 1	Conn
HILLBURN ELECTRONICS CORP., Adv Pg 350	55 Nassau Ave. Brooklyn 22	NY
INDUSTRIAL TIMER CORP., Adv Pg 381	1407A McCarter Hwy. Newark 4	NJ
Iron Fireman Mfg Co. Electronics Div	2838 SE 9th Ave. Portland 2	Ore
KURMAN ELECTRIC CO. SUB CRESCENT PETROLEUM CORP., Adv Pg 549	191-193 Newel St. Brooklyn 22	NY
Leach Corp	18435 Susana Rd. Compton	Cal
LIONEL CORP., THE, Adv Pgs 220, 221	Hoffman Pl. Hillside	NJ
Loral Electronics Corp	825 Bronx River Ave. New York 72	NY
Magnecraft Electric Co	3352 W Grand Ave. Chicago 51	Ill
OVITRON CORP., Adv Pg 540	42-62 Johnes St. Newburgh	NY
Sargent & Greenleaf Inc	24 Seneca Ave. Rochester	NY
Struthers-Dunn Inc	Lamb's Rd. Pitman	NJ
USI Robodyne Div	12345 New Columbia Pike, Silver Spring	Md
Union Switch & Signal Div. Westinghouse Air Brake Co	Pittsburgh 18	Pa

RELAYS—MAGNETIC AMPLIFIER See AMPLIFIERS—MAGNETIC

RELAYS—MICROWAVE (COMMUNICATION, RADIO & TV)

Adler Electronics, Inc	1 Lefevre Ln, New Rochelle	NY
Airtron, Div of Litton Industries	200 E. Hanover Ave, Morris Plains	NJ
American Microwave & Television Corp	1369 Industrial Rd. San Carlos	Cal
Andrew California Corp	941 E Marylind Ave. Claremont	Cal
Benco Television Associates, Ltd	27 Taber Rd, Rexdale, Ontario, Canada	
Collins Radio Co	5200 C Ave. NE, Cedar Rapids	Iowa
COMAR ELECTRIC CO., Adv Pg 497	3349 W Addison, Chicago 18	Ill
Dage Div Thompson Ramo Wooldridge, Inc	Michigan City	Ind
Diamond Antenna & Microwave Corp	River St, Winchester	Mass
Dielectric Products Engrg. Co. Inc	Raymond	Me
Electronics, Missiles & Commun. Inc	262 E 3rd St. Mt. Vernon	NY
Elgin National Watch Co., Electronics Div. Advance Relays	2435 N Naomi St. Burbank	Cal
FUJI TSUSHINKI SEIZO K.K., Adv Pg 259	2, 3-Chome, Hamamachi Chiyoda-ku Tokyo	Jap
GPL Div. General Precision, Inc	63 Bedford Rd. Pleasantville	NY
General Electronic Labs, Inc	8521 2nd Ave. Silver Spring	Md
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
Guardian Electric Mfg. Co	1550 W Carroll Ave. Chicago 7	Ill
HILLBURN ELECTRONICS CORP., Adv Pg 350	55 Nassau Ave. Brooklyn 22	NY
KURMAN ELECTRIC CO., SUB OF CRESCENT PETROLEUM CORP., Adv Pg 549	191-193 Newel St. Brooklyn 22	NY
Magnecraft Electric Co	3352 W Grand Ave. Chicago 51	Ill
Marconi's Wireless Telegraph Co., Ltd	750 Third Ave, New York 17	NY
Mechanical Products	1824 River St. Jackson	Mich
Osborne Electric Co. Ltd	95 Wesley St. Toronto 18	Ont
Philco Corp., Gov't & Ind'l Div	4700 Wissahickon Ave, Philadelphia 44	Pa
RBM Controls Div. Essex Wire Corp	Logansport	Ind
Radio Corp. of America, Defense Electronic Prods.	Bldg. 15-2 Camden	NJ
Sarkes Tarzian, Broadcast Equipment Div	E. Hillside Dr, Bloomington	Ind
SCHERMA MFG. CO. INC., F. A., Adv Pg 538	424 Broome St. New York 13	NY
Sealectric Switch & Relay Co	6023 N. Keystone, Chicago	Ill
Surface Conduction, Inc	1501 Broadway, New York 36	NY

RELAY SOCKETS See SOCKETS
RELAYS—PHOTOELECTRIC See CONTROLS—PHOTOELECTRIC
RELAYS—SOUND-ACTUATED See CONTROLS—SOUND-ACTUATED
RELAY TESTERS See TESTERS—RELAY

RELIEFS—STRAIN

American Molded Products Co	2727 W Chicago Ave. Chicago 22	Ill
Fastex Div. Illinois Tool Works	195 Algonquin Rd. Des Plaines	Ill
HEYMAN MFG. CO., Adv Pg 502	Kenilworth 2	NJ
Ross Co., Milton	239 Jacksonville Rd. Hatboro	Pa
WALKER CO., GEORGE, Adv Pg 90	118 Amsterdam Ave. Passaic	NJ

RELUCTANCE COMPARATORS See COMPARATORS—RELUCTANCE, IRON-CORE

REMOTE CONTROL SYSTEMS See CONTROLS—REMOTE
REMOTE POSITIONERS See ACTUATORS—SERVO; CONTROLS—REMOTE; CONTROLS—SERVO; INDICATORS—POSITIONING

REPEATERS—DATA

Advance Instrument Corp	F St. Delmar	NJ
BENDIX CORP. MONTROSE DIV., Adv Pg 372	South Montrose	Pa
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
Data Products Co, Inc	7320 Westmore Rd, Rockville	Md
Daystrom Inc. Military Elec. Div	Archbald	Pa
Di/An Controls, Inc	944 Dorchester Ave. Boston	Mass
KEARFOTT DIV., GEN PRECISION INC., Adv Pg 394	Little Falls	NJ
Midwestern Instruments, Inc	Box 7509, Tulsa 18	Okla
Moletronics Div. Motec Ind. Inc	6344 Arizona Cir. Los Angeles 45	Cal
NORTH ATLANTIC INDUSTRIES INC., Adv Pg 344	Terminal Dr. Plainview	NY
Philco Corp., Gov't & Ind'l Div	4700 Wissahickon Ave, Philadelphia 44	Pa
Spectrol Electronics Corp	1704 S Del Mar, San Gabriel	Cal
Stelma, Inc	200 Henry St, Stamford	Conn
TREPAC CORP. OF AMERICA, Adv Pgs 415, 426	30 W Hamilton Ave. Englewood	NJ
USI Robodyne Div	12345 New Columbia Pike, Silver Springs	Md

REPEATERS—MICROWAVE See RELAYS—MICROWAVE

REPEATERS—SERVO

Advance Instrument Corp	F St. Delmar	NJ
BENDIX CORP. MONTROSE DIV., Adv Pg 372	South Montrose	Pa
BOWMAR INSTRUMENT CORP., Adv Pg 36	8000 Bluffton Rd. Ft Wayne	Ind
Canoga Div., Underwood Corp	15330 Oxnard St, Van Nuys	Cal
Control Data Corp., Cedar Engr. Div	501 Park Ave, Minneapolis 15	Minn
Control Technology Co	1116 Broadway, New York 1	NY
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
Daystrom Inc. Military Elec. Div	Archbald	Pa
Daystrom-Transicoil Corp	Worcester, Montgomery County	Pa
Di/An Controls, Inc	944 Dorchester Ave. Boston	Mass
ECLIPSE PIONEER DIV. BENDIX CORP., Adv Pgs 354, 355	Teterboro	NJ
Ford Instrument Co. Div. Sperry Rand Corp	31-10 Thomson Ave. Long Island City 1	NY
GAP INSTRUMENT CORP., Adv Pg 484	5 Main St. Newtown	Conn
Guidance Controls Corp	110 Duffy Ave. Hicksville	NY
Instrument Systems Corp	129-07 18th Ave. College Point 56	NY
Intectron Inc	2300 Washington St. Newton Lower Falls	Mass
KEARFOTT DIV., GEN PRECISION INC., Adv Pg 394	Little Falls	NJ
Ketay Dept. Norden Div. United Aircraft Corp	Jericho Tpke, Commack	NY
Kinetic Instrument Corp	1070 Linwood St. Brooklyn 8	NY
MacLaren & Co. Inc., F. B	15 Stepar Pl. Huntington Station	NY
NORTH ATLANTIC INDUSTRIES INC., Adv Pg 344	Terminal Dr. Plainview	NY
Orbit Instrument Corp	131 Eileen Way, Syosset	NY
Pegamus Labs. Inc	3500 W 11 Mile Rd. Berkley	Mich
Philco Corp. Govt & Ind Div	4700 Wissahickon Ave. Phila 44	Pa
Precision Mechanisms Corp	577 Newbridge Ave, East Meadow	NY
Research, Inc	P.O. Box 6164, Edina Br, Minneapolis 24	Minn
Spectrol Electronics Corp	1704 S. Del Mar, San Gabriel	Cal
Theta Instrument Corp	520 Victor St, Saddle Brook	NJ
Thompson Ramo Wooldridge Inc. Tapco Group	23555 Euclid Ave. Cleveland 17	Ohio

REPEATERS—TELEPHONE-LINE

Bogen-Presto Div. Siegler Corp	Box 500, Paramus	NJ
Communication Equipment & Engineering	5541 N. Paris Ave, Chicago	Ill
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
General Dynamics/Electronics	1400 Carlson Rd. Rochester 3	NY
Hallamore Electronics Div. Siegler Corp	714 N Brookhurst Ave. Anaheim	Cal
Hoover Electronics Co	110 W Timonium Rd. Timonium	Md
Kellogg Switchboard & Supply Co	6650 S. Cicero Ave, Chicago 38	Ill
Lynch Communication Systems Inc	695 Bryant St. San Francisco 7	Cal
Philco Corp., Gov't & Ind'l Div	4700 Wissahickon Ave. Philadelphia 44	Pa
TREPAC CORP. OF AMERICA, Adv Pgs 415, 426	30 W Hamilton Ave. Englewood	NJ

REPRODUCERS—MAGNETIC TAPE See PLAYERS—MAGNETIC TAPE
RESERVE BATTERIES See BATTERIES

RESINS—ENCAPSULATING & POTTING

Armstrong Products Co	Box 1-EB, Warsaw	Ind
Biwax Corp	3445 Howard St, Skokie	Ill
Boonton Molding Co	Boonton	NJ
Dow Corning Corp	Midland	Mich
Emerson & Cuming, Inc	869 Washington St, Canton	Mass
EPOXY PRODUCTS, DIV JOS WALDMAN & SONS, Adv Pg 337	133 Coit St. Irvington	NJ
Furane Plastics, Inc	4516 Brazil St, Los Angeles 39	Cal
Hysol Corp	321 Houghton Ave, Olean	NY
Lawrence Adhesive & Chemical Co. Inc	19 S Canal St. Lawrence	Mass
Magic Chemical Co	121 Crescent St. Brockton	Mass
Marblette Corp	37-31 30th St. Long Island City 1	NY
Minnesota Mining & Mfg Co. Electrical Tapes	900 Bush Ave, St Paul 6	Minn
National Engineering Products, Inc	475 Washington Bldg, Washington 5	DC
Osborne Electric Co. Ltd	95 Wesley St. Toronto 18	Ont
Plastronic Engineering Co	721 Boston Post Rd, Marlborough	Mass
Reichhold Chemicals, Inc	525 N. Broadway, White Plains	NY
RESDEL CORP Adv Pg 519	P.O. Box 217, Rio Grande	NJ
Ross Co., Milton	239 Jacksonville Rd. Hatboro	Pa
Shannon Luminous Materials Co	7356 Santa Monica Blvd. Hollywood 46	Cal
Technicraft Co	1156 Commonwealth Ave, Boston 34	Mass
Telecomputing Corp	915 N. Citrus Ave, Hollywood	Cal
Tooper Mfg Co. Inc	84-56 Parsons Blvd. Jamaica 32	NY

RESINS—PLASTICS See PLASTICS—GRANULAR, LIQUID & POWDER
RESISTANCE ALLOYS See ALLOYS—SPECIAL PURPOSE
RESISTANCE BRIDGES See BRIDGES
RESISTANCE COMPARATORS See COMPARATORS
RESISTANCE PAINTS See PAINTS—PRINTED-CIRCUIT
RESISTANCE STANDARDS See STANDARDS
RESISTANCE THERMOMETERS See THERMOMETERS—RESISTANCE
RESISTANCE-TYPE LINE CORDS See CORDS—LINE
RESISTANCE WIRE See WIRE—RESISTANCE
RESISTOR BOARDS See BOARDS—CAPACITOR OR RESISTOR
RESISTOR BOXES See BOXES—DECADE & EIA VALUES
RESISTOR-CAPACITOR MODULES See MODULES—PASSIVE
RESISTOR FORMS See FORMS—COIL & RESISTOR
RESISTOR MANUFACTURING MACHINES See MACHINES—RESISTOR MANUFACTURING

RESISTORS—COAXIAL TERMINATIONS, MICROWAVE

Airtec, Inc	139 E. First Ave, Roselle	NJ
ALFORD MFG. CO., Adv Pg 78	299 Atlantic Ave. Boston	Mass
Andrew California Corp	941 E Marylind Ave. Claremont	Cal
ARRA CORP., Adv Pg 498	27 Bond St. Westbury	NY
Benco Television Associates, Ltd	27 Taber Rd. Rexdale, Ont	Can
Bogart Mfg. Corp	315 Seigel St, Brooklyn 6	NY
CARBORUNDUM CO. REFRACTORIES DIV., Adv Pgs 104, 105	Perth Amboy	NJ
Diamond Antenna & Microwave Corp	River St, Winchester	Mass
Dielectric Products Engrg. Co. Inc	Raymond	Me
DOUGLAS MICROWAVE CO. INC., Adv Pg 235	252 E 3rd St. Mt Vernon	NY

EITEL-McCULLOUGH INC., Adv Pgs 57-60	301 Industrial Way, San Carlos	Cal
FXR INC., Adv Pgs 100, 101	25-26 50th St. Woodside 77	NY
Film Resistors Inc	242 Ridgedale Ave. Morristown	NJ
Filmohm Corp	48 W. 25 St, New York 10	NY
HEWLETT-PACKARD CO., Adv Pgs 19-34	1501 Page Mill Rd. Palo Alto	Cal
JONES ELECTRONICS CO INC, M C, SUB BENDIX CORP Adv Pg 131	185 N Main St. Bristol	Conn
Microwave Components, Inc	Doylestown	Pa
Microwave Dynamics Corp	5 Fairchild Ct. Plainview	NY
OMEGA LABORATORIES INC., Adv Pg 226	Box 309, Rowley	Mass
POLARAD ELECTRONICS CORP Adv Pg 269-272	43-20 34 St, Long Island City 1	NY
SIERRA ELECTRONIC CORP., Adv Pgs 128, 129	3885 Bohannon Dr. Menlo Park	Cal
Tech-Ohm Resistor Corp	36-11 33rd St. Long Island City 6	NY
Telewave Labs. Inc	43-20 34 St. Long Island City	NY
United Shoe Machinery Corp	140 Federal St. Boston	Mass
WEINSCHEL ENGINEERING CO. INC Adv Pgs 51-54, 55	10503 Metropolitan Ave. Kensington	Md
Welwyn International, Inc	3355 Edgecliff Terr, Cleveland 11	Ohio

RESISTORS –*COMPOSITION, FIXED (CARBON)*

1. HIGH-FREQUENCY
2. HIGH-MEGOHM
3. HIGH-VOLTAGE
4. HIGH-WATTAGE
5. LOW-WATTAGE
6. RESISTOR-SUPPRESSOR
7. SUBMINIATURE
8. TEMPERATURE-SENSITIVE

Allen-Bradley Co., 2-7	136 W Greenfield Ave. Milwaukee 4	Wis
Arnhold Ceramics Inc., 1-2-3-7	1 E 57th St. New York 22	NY
CARBORUNDUM CO. REFRACTORIES DIV., 1-2-3-4-5-6-8, Adv Pgs 104, 105	Perth Amboy	NJ
Carborundum Co., 1-2-3-4-5-6-7-8	Buffalo Ave. Dept. EBG, Niagara Falls	NY
Clark Controller Co., 4	1146 E 152nd St. Cleveland 10	Ohio
CLAROSTAT MFG. CO., INC., 1-2-4-5, Adv Pg 501	Dover	NH
Continental-Wirt Electronics Corp., 6	5221 Greene St, Philadelphia 44	Pa
ERIE RESISTOR CORP., 3-4-5-6-7, Adv Pgs 280, 281	644 W 12th St. Erie 6	Pa
FENWAL ELECTRONICS, INC., 8, Adv Pg 436	51 Mellen St. Framingham	Mass
Film Resistors Inc., 1	242 Ridgedale Ave. Morristown	NJ
General Electric Co. Magnetic Materials Section, 8	7842 N Neff Pl. Edmore	Mich
Hallett Mfg Co., 6	5910 Bowcroft St. Los Angeles 16	Cal
International Resistance Co., 5	401 N Broad St. Philadelphia 8	Pa
Kidco Inc., 7	Box 278-K, Medford	NJ
MATSUSHITA ELECTRIC, Adv Pg 255	Box 288, Osaka Central, Tokyo	Jap
Mid-Eastern Electronics, Inc., 2	32 Commerce St. Springfield	NJ
Minco Products, Inc., 8	740 Washington Ave. N, Minneapolis 1	Minn
Ohio Carbon Co., 5-6	12508 Berea Rd, Cleveland 11	Ohio
OHMITE MFG. CO., 5-7, Adv Pgs 276, 277	3601 Howard St. Skokie	Ill
Pendar, Inc., 2	14744 Arminta St. Van Nuys	Cal
PRECISION RESISTOR CO., 8 Adv Pg 55	109 U.S. Hwy. #22, Hillside 5	NJ
Pyrofilm Resistor Co. Inc., 1-2-3	U S Hwy 46, Parsippany	NJ
RESISTANCE PRODUCTS CO., 1-2-3-4-5, Adv Pg 168	914 S 13th St. Harrisburg	Pa
Speer Resistor Div Speer Carbon Co., 5	Bradford	Pa
Sprague Electric Co., 2-3	125 Marshall St. North Adams	Mass
Stackpole Carbon Co., 1-5	201 Stackpole St. St Marys	Pa
Symphony Electronics Corp., 1-2-3-4-5-6-7-8	1611 Contour St, Los Angeles 7	Cal
Tech-Ohm Resistor Corp., 1-2-3-4-5	36-11 33rd St, Long Island City 6	NY
United Min. & Chem. Corp., 1-2-3-4-5-6-7-8	16 Hudson St. New York 13	NY
VICTOREEN INSTRUMENT CO. COMPONENTS DIV., 2-3 Adv Pgs 466, 493	5806 Hough Ave. Cleveland 3	Ohio
Victory Engineering Corp., 8	101 Springfield Rd, Union	NJ
Waltsco Electronics Mfg. Co., 8	420 S Wyman St. Rockford	Ill
White Dental Mfg. Co., S.S., 2-3	10 E. 40 St, New York 16	NY
Workman TV Products, Inc., 8	P.O. Box 5397, Sarasota	Fla

RESISTORS –*COMPOSITION, VARIABLE (CARBON)* See POTENTIOMETERS: RHEOSTATS

RESISTORS –*ENCAPSULATED*

Allies' Products Corp	Box 188, Kendall Br. Miami 56	Fla
Carborundum Co	Buffalo Ave. Dept. EBG, Niagara Falls	NY
Cinema Engineering Div. Aerovox Corp	1100 Chestnut St. Burbank	Cal
Corning Glass Works, Corning Electronic Components	550 High St. Bradford	Pa
EIR Corp	5177 Overland Ave, Culver City	Cal
Electromath Corp	115 Pleasant Ave. Roosevelt	NY
International Resistance Co	401 N. Broad St, Philadelphia	Pa
JULIE RESEARCH LABS. INC Adv Pg 392,393	603 W. 130 St. New York 27	NY
Key Resistor Corp	321 W Redondo Beach Blvd. Gardena	Cal
Kidco Inc	Box 278-K, Medford	NJ
OHMITE MFG. CO., Adv Pgs 276, 277	3601 Howard St. Skokie	Ill
Omtronics Mfg Inc	Box 1419, Peony Pk Sta. Omaha 14	Neb
PRECISION RESISTOR CO Adv Pg 55	109 U.S. Hwy. #22, Hillside 5	NJ
RESISTANCE PRODUCTS CO., Adv Pg 168	914 S 13th St. Harrisburg	Pa
Sprague Electric Co	125 Marshall St, North Adams	Mass
United Mineral & Chemical Corp	16 Hudson St. New York 13	NY
VICTOREEN INSTRUMENT CO. COMPONENTS DIV Adv Pgs 466, 493	5806 Hough Ave. Cleveland 3	Ohio
Welwyn International, Inc	3355 Edgecliff Terr, Cleveland 11	Ohio

RESISTORS –*FILM-TYPE*

1. CARBON-FILM
2. DEPOSITED-CARBON
3. METALLIC OXIDE
4. METALLIZED FILM
5. PRINTED (ON CERAMIC OR PLASTIC STRIP)
6. TAPE

Aerolite Electronics Corp., 5	2207 Summit Ave. Union City	NJ
Aerovox Corp., 2	740 Belleville Ave. New Bedford	Mass
Allen-Bradley Co., 4	136 W. Greenfield Ave. Milwaukee 4	Wisc
Allies' Products Corp., 2	Box 188, Kendall Branch, Miami 56	Fla
Arnhold Ceramics, Inc., 1-2	1 East 57 St. New York 22	NY
British Radio Electronics, Ltd., 2	1833 Jefferson Pl. NW, Wash 6	DC
CBC Electronics Co. Inc., 4	2601 N Howard St. Philadelphia 33	Pa
CTS CORP., 5, Adv Pg 241	1142 W Beardsley Ave. Elkhart	Ind
Chicago Telephone of Cal. Inc., 4-5	1010 Sycamore Ave. South Pasadena	Cal
CLAROSTAT MFG. CO., INC., 2, Adv Pg 501	Dover	NH
COMPUTER INSTRUMENTS CORP., 1, Adv Pg 373	92 Madison Ave. Hempstead	NY
Continental-Wirt Electronics Corp., 1-2-3-4	5221 Greene St, Philadelphia 44	Pa
Corning Glass Works, Corning Electronic Components, 3-4	550 High St. Bradford	Pa
DALE ELECTRONICS INC., 1-2-4, Adv Pgs 120, 121	Box 488, Columbus	Neb
DAVEN CO., 4, Adv Pg 187	Rt. 10, Livingston	NJ
Daystrom Inc. Weston Instruments Div., 4	614 Frelinghuysen Ave. Newark 12	NJ
Dwyer Engineering Co., Inc., 5-6	Airport Rd, Nashua	NH
ELECTRA MFG CO., 1-2-4, Adv Pg 181	4051 Broadway, Kansas City	Mo
Electro Radiation Inc., 3-4	11916 W Pico Blvd. Los Angeles 64	Cal
Electronic Applications, Inc., 2	194 Richmond Hill Ave, Stamford	Conn
Elettronica Metal Lux S.p.A., 3-4	Viale Sarca 94, Milan	Italy
Film Resistors Inc., 1-2-4-5-6	242 Ridgedale Ave. Morristown	NJ
Filmohm Corp., 3-4	48 W 25 St. New York 10	NY
FUJI TSUSHINKI SEIZO K.K., 1, Adv Pg 259	2, 3-Chome, Marunouchi Chiyoda-ku Tokyo	Jap
Halex, Inc., 4	310 E. Imperial Hwy, El Segundo	Cal
Intellux Inc. Scientific Components Div., 3	30 S Salsipuedes St. Santa Barbara	Cal
International Resistance Co., 1-2	401 N Broad St. Philadelphia 8	Pa
Key Resistor Corp., 1-2-4	321 W Redondo Beach Blvd. Gardena	Cal
Kidco Inc., 1-2-4	Box 178-K, Medford	NJ
McMillan Industrial Corp., 6	Brownville Ave. Ipswich	Mass
Mepco, Inc., 1-2-3-4	35-37 Abbett Ave. Morristown	NJ
Metavac, Inc., 4	45-68 162 St. Flushing 58	NY
Microlectron, Inc., 5	1547 18th St. Santa Monica	Cal
Molecular Electronics Co., 4-5	71 Monroe St. Garfield	NJ
OHMITE MFG. CO., 4, Adv Pgs 276, 277	3601 Howard St. Skokie	Ill
Onondaga Electronics Div., Speer Carbon Co., 5	1810 W. Fayette St, Syracuse 1	NY
Pacific Resistor & Cable Co., 4	2320 Pontius Ave. W Los Angeles 64	Cal
Penn Resistor Corp., 1-2	526 N. Broad St. Lansdale	Pa
PHOTOCIRCUITS CORP., 5, Adv Pg 453	Glen Cove	NY
Printronics Corp., 5	3127 El Camino Real, Palo Alto	Cal
Pyrofilm Resistor Co. Inc., 2	U S Hwy 46, Parsippany	NJ
RESISTANCE PRODUCTS CO., 1-4, Adv Pg 168	914 S 13th St. Harrisburg	Pa
Schjeldahl Co., G.T., 4	P.O. Box 170, Northfield	Minn
Solar Mfg. Corp., 5	4553 Seville Ave, Los Angeles 58	Cal
Sprague Electric Co., 1-2-4-5-6	125 Marshall St. North Adams	Mass
Standard Tel. & Cables Ltd., 1	29 Glasshouse Yard, London	Eng
TECHNICAL APPARATUS BUILDERS, 1-2-4, Adv Pg 529	109 Liberty St. New York 6	NY
TECHNOLOGY INSTRUMENT CORP., 1-2-4, Adv Pgs 83, 86	533 Main St. Acton	Mass
Tech-Ohm Resistor Corp., 1-2-3-4-5	36-11 33rd St, Long Island City 6	NY
Texas Instruments Incorporated, Semiconductor-Components Div., 1-2	Box 5012, Dallas 22	Tex
Tingstol Co., 5	1340 W. Fullerton, Chicago 14	Ill
Topper Mfg Co. Inc., 1-5	84-56 Parsons Blvd. Jamaica 32	NY
United Mineral & Chemical Corp., 1-2-3-4-5-6	16 Hudson St. New York 13	NY
VICTOREEN INSTRUMENT CO. COMPONENTS DIV., 1-2 Adv Pgs 466, 493	5806 Hough Ave. Cleveland 3	Ohio
WARD LEONARD ELECTRIC CO., 4, Adv Pgs 338, 339	23 South St. Mt. Vernon	NY
Wells Co. Inc., Gary, 1	16 W Jamaica Ave. Valley Stream	NY
Welwyn International, Inc., 1-2-4	3355 Edgecliff Terr, Cleveland 11	Ohio

RESISTORS –*FUSE*

CLAROSTAT MFG. CO. INC., Adv Pg 501	Dover	NH
Hamilton-Hall Resistor Corp	227 N. Water St, Milwaukee 2	Wisc
International Resistance Co	401 N. Broad St, Philadelphia	Pa
Lectrohm, Inc	5560 Northwest Hwy, Chicago 30	Ill
Microlectron, Inc	1547 18th St. Santa Monica	Cal
Ohio Carbon Co	12508 Berea Rd, Cleveland 11	Ohio
Pacific Resistor & Cable Co	2320 Pontius Ave. W Los Angeles 64	Cal
United Mineral & Chemical Corp	16 Hudson St, New York 13	NY
Workman TV Products, Inc	P.O. Box 5397, Sarasota	Fla

RESISTORS –*PARALLEL R-C* See CAPACITORS –*FIXED*

RESISTORS –*SILICON*

Carborundum Co	Buffalo Ave. Dept. EBG, Niagara Falls	NY
Mepco, Inc	35-37 Abbett Ave. Morristown	NJ
SERVO CORP OF AMERICA, Adv Pg 314	111 New South Rd. Hicksville	NY
Texas Instruments Incorporated, Semiconductor-Components Div	Box 5012, Dallas 22	Tex

RESISTORS –*SILICONE*

Film Resistors Inc	242 Ridgedale Ave. Morristown	NJ
Hamilton-Hall Resistor Corp	227 N. Water St, Milwaukee 2	Wisc
Lectrohm, Inc	5560 Northwest Hwy, Chicago 30	Ill
Mepco, Inc	35-37 Abbett Ave, Morristown	NJ
OHMITE MFG. CO., Adv Pgs 276, 277	3601 Howard St. Skokie	Ill
Omtronics Mfg Inc	Box 1419, Peony Pk Sta. Omaha 14	Neb
Pacific Resistor & Cable Co	2320 Pontius Ave. W Los Angeles 64	Cal
Sierra Engineering Co	123 E Montecito Ave. Sierra Madre	Cal
Tech-Ohm Resistor Corp	36-11 33rd St, Long Island City 6	NY
WARD LEONARD ELECTRIC CO., Adv Pgs 338, 339	23 South St. Mt. Vernon	NY
Workman TV Products, Inc	P.O. Box 5397, Sarasota	Fla

RESISTORS –*VARIABLE, PRESSURE-SENSITIVE*

CTS CORP., Adv Pg 241	1142 W Beardsley Ave. Elkhart	Ind
CARBORUNDUM CO. REFRACTORIES DIV., Adv Pgs 104, 105	Perth Amboy	NJ
CLAROSTAT MFG. CO. INC., Adv Pg 501	Dover	NH
Continental-Wirt Electronics Corp	5221 Greene St, Philadelphia 44	Pa
Electro Radiation Inc	11916 W Pico Blvd. Los Angeles 64	Cal
International Resistance Co	401 N Broad St. Philadelphia 8	Pa
OHMITE MFG. CO., Adv Pgs 276, 277	3601 Howard St. Skokie	Ill
TECHNOLOGY INSTRUMENT CORP., Adv Pgs 83, 86	533 Main St. Acton	Mass
Tech-Ohm Resistor Corp	36-11 33rd St, Long Island City 6	NY
United Mineral & Chemical Corp	16 Hudson St, New York 13	NY

RESISTORS –*VOLTAGE-SENSITIVE*

CARBORUNDUM CO. REFRACTORIES DIV., Adv Pgs 104, 105	Perth Amboy	NJ
Carborundum Co	Buffalo Ave. Dept. EBG, Niagara Falls	NY
General Electric Co. Magnetic Materials Section	7842 N Neff Pl. Edmore	Mich
Lectrohm, Inc	5560 Northwest Hwy, Chicago 30	Ill
Raytheon Co. Ind Components Div	55 Chapel St. Newton 58	Mass
Tech-Ohm Resistor Corp	36-11 33rd St, Long Island City 6	NY
Victory Engineering Corp	101 Springfield Rd. Union	NJ

RESISTORS –*WIRE-WOUND, FIXED*

1. SUBMINIATURE
2. UNDER 2 WATTS
3. 2 TO 4 WATTS
4. 4 TO 35 WATTS
5. 35 TO 225 WATTS
6. 225 TO 500 WATTS
7. 500 TO 1,500 WATTS
8. PRECISION LOW-VOLTAGE
9. PRECISION HIGH-VOLTAGE
10. R-F NONINDUCTIVE
11. CARDS

A. O. I. P., 2-8-9-10	23 Pl. Jeanne d'Arc, Paris 13	Fr
A R & D A, 1-2-3-8-9	135 Main St. Belleville 9	NJ
Ace Coil & Electronics Co., 1-2-3-8-10	912 Lincoln Hwy, Metuchen	NJ
Aerovox Corp., 1-2-3-4-8	740 Belleville Ave. New Bedford	Mass
Alpha Instrument Co., 11	41 Hempstead St, New London	Conn
Atlas Resistor Co., 4-5-6-7	1128 Madison St, Chester	Pa
Atlee Corp. Monitor Controller Div., 5-6	99 Grove St. Rockland	Mass
AVNET INSTRUMENT CORP., 8, Adv Pgs 331, 364	70 State St. Westbury	NY
BALLANTINE LABS. INC., 8, Adv Pg 156	Boonton	NJ
Bond Electronics Corp., 1-2-8-10	60 Springfield Ave, Springfield	NJ
Bourns Inc., 1-2-3-4-8	6135 Magnolia Ave. Riverside	Cal
Bradford Components, Inc., 1-2-3-4-8	65 South Ave. Salamanca	NY
Brys Instrument Co., 1-2-3-4-8-9-10-11	7026 6th Ave. Brooklyn 9	NY
Canadian Research Institute, 2-3-4-5-6-8-9	85 Curlew Dr. Don Mills	Ont
Carol Electronics Corp., 2-4	315 W. Stephen St, Martinsburg	W. Va
Chicago Telephone of Cal. Inc., 2	1010 Sycamore Ave. South Pasadena	Cal
Cinema Eng. Div. Aerovox Corp., 1-2-8-10-11	1100 Chestnut St. Burbank	Cal
Clark Controller Co., 7	1146 E 152nd St. Cleveland 10	Ohio
CLAROSTAT MFG. CO., INC., 2-3-4-5-8-10-11, Adv Pg 501	Dover	NH
Colber Corp., The, 2-3-4	26 Buffington St, Irvington	NJ
Conrad-Carson Electronics Inc., 1-2-3-4-5-6-7 8-9-10-11	1437 Broadway, El Cajon	Cal
Consolidated Resistance Co. of Amer. Inc., 1-2-3 8-9	44 Prospect St. Yonkers	NY
Consolidated Resistance Specialties, Inc., 1-2-3-8	46 Prospect St. Yonkers	NY
Continental-Wirt Electronics Corp., 2-3-4-5	5221 Greene St, Philadelphia 44	Pa
DALE ELECTRONICS INC., 1-2-3-4-5-6-8-9-10, Adv Pgs 120, 121	Box 488, Columbus	Neb
DAVEN CO., 1-2-8-9-10-11, Adv Pg 187	Rt. 10, Livingston	NJ
Dmeter Mfg. Co. Inc., 1-2-8	88 N. Broadway, Yonkers	NY
EIR Corp., 1-3	5177 Overland Ave, Culver City	Cal
EMP Electronics Research Labs. Inc., 2	3131 N 29th Ave. Phoenix	Ariz
Eastern Precision Resistor Co., 1-2-3-4 8-9-10-11	116-08 Myrtle Ave. Richmond Hill 18	NY
Electro-Flex Heat, Inc., 5	83 Woodbine St, Hartford 6	Conn
ELECTRO SCIENTIFIC INDUSTRIES INC., 2-8-11, Adv Pg 424	7524 SW Macadam, Portland 19	Ore
Electromath Corp., 1-2-3	115 Pleasant Ave. Roosevelt	NY
Film Resistors Inc., 10-11	242 Ridgedale Ave. Morristown	NJ
Fugle-Miller Laboratories, Inc., 8	301 Central Ave, Clark	NJ
GENERAL ELECTRIC CO. APPARATUS SALES, 4-5-6-7, Adv Pgs 8, 9	1 River Rd. Schenectady 5	NY
GENERAL INSTRUMENT CORP. SEMICONDUCTOR DIV., 1-2-8-9-10, Adv Pg 278, 279	65 Gouverneur St. Newark 4	NJ
General Radio Co., 2-8-10	West Concord	Mass
GENERAL RESISTANCE INC., 1-2-3-8-9-10-11, Adv Pg 514	430 Southern Blvd. New York 55	NY
GRAY INSTRUMENT CO., 8, Adv Pg 480	448 Mill Rd. Andalusia	Pa
Hamilton-Hall Resistor Corp., 3-4-11	227 N. Water St, Milwaukee 2	Wisc
HARDWICK HINDLE INC., 3-4-5-6-7 Adv. Pgs. 536, 537	40 Hermon St. Newark 5	NJ
Instrument Resistors Co., 1-2-3-4-8-9-10	1036 Commerce Ave. Union	NJ
International Resistance Co., 2-3-4-5	401 N Broad St. Philadelphia 8	Pa
JULIE RESEARCH LABS. INC., 2-3-8-9 Adv Pg 392, 393	603 W. 130 St. New York 27	NY
K-F DEVELOPMENT CO., 1-2-3-4-8-9, Adv Pg 226	2606 Spring St. Redwood City	Cal
Kelvin Electric Co., 1-2-3-8	5907 Noble Ave. Van Nuys	Cal
Kelby Dept. Norden Div. United Aircraft Corp., 1-2-3	Jericho Tpk. Commack	NY
Key Resistor Corp., 1-2-3-8-9-10-11	321 W Redondo Beach Blvd. Gardena	Cal
Lectrohm, Inc., 2-3-4-5-6	5560 Northwest Hwy, Chicago 30	Ill
Leeds & Northrup Co., 8	4970 Stenton Ave. Phila. 44	Pa
Marstan Electronics Corp., 1-2-3-4-8-9-10-11	204 Babylon Tpk. Roosevelt	NY
MATSUSHITA ELECTRIC, Adv Pg 255	Box 288, Osaka Central, Tokyo	Jap
Mepco, Inc., 1-2-8-9-10	35-37 Abbett Ave. Morristown	NJ
Miller Electro-Research Labs., 8	5625 S 5th St. Milwaukee 7	Wis
Milwaukee Resistor Co., 3-4-5-6-7	700 W Virginia St. Milwaukee 4	Wis
Miniature Electronic Components Corp., 1-2-8-9-10-11	21 Plymouth St. Holbrook	Mass
Muirhead & Co., Ltd., 2-8-11	Beckenham, Kent, England	
Muter Co., 2-3-4	1255 S. Michigan, Chicago 5	Ill
Ohio Carbon Co., 4-5	12508 Berea Rd, Cleveland 11	Ohio
OHMITE MFG. CO., 1-2-3-4-5-6-7-8-10, Adv Pgs 276, 277	3601 Howard St. Skokie	Ill
Omtronics Mfg Inc., 1-2-3-4-5-6-8-9-10	Box 1419, Peony Pk Sta. Omaha 14	Neb
Orion Electronic Corp., 8-9-11	108 Columbus Ave. Tuckahoe	NY
ORTHO PRECISION RESISTORS INC., 1-2-3-4-8-9-10, Adv Pg 286	7 Peterson St. Paterson 1	NJ
Pacific Resistor & Cable Co., 1-2-3-4-5-8-9-10	2320 Pontius Ave. W Los Angeles 64	Cal
Pendar, Inc., 11	14744 Arminta St. Van Nuys	Cal
Precision Inc., 1-2-3-4-5-8	4748 France Ave N., Minneapolis	Minn
PRECISION RESISTOR CO., 1-2-3-4-8-9-11 Adv Pg 55	109 US Hwy 22, Hillside 5	NJ
R. C. L. Mfg. Co., 8-9-10	New Jersey Ave, Riverside 8	NJ
R-Tronics Corp., 1-2-3-4-5-6-8-9-10-11	134-20 Jamaica Ave. Richmond Hill	NY
Randall, Inc., Douglas, 3-4	6 Pawcatuck Ave. Westerly	RI
Reon Resistor Corp., 1-2-8-9-10-11	155 Saw Mill River Rd. Yonkers	NY
RESISTANCE PRODUCTS CO., 1-2-8-9, Adv Pg 168	914 S 13th St. Harrisburg	Pa
Resistors, Inc., 3-4-5	5226 W 25th St. Chicago 50	Ill
Rex Rheostat Co., 6-7-10	149 Babylon Tpk, Roosevelt	NY
Rho Engineering Co., 1-2-10	2242 Sepulveda Blvd. Los Angeles 64	Cal
Rotolmeters Inc	46 Prospect St. Yonkers	NY
SAGE ELECTRONICS CORP., 2-3-4-5-10 Adv Pg 418	Country Club Rd. E Rochester 10	NY
Shallcross Mfg Co., 1-2-3-4-8-11	Selma	NC
Shellite, Inc., 1-2-8	128 W. First Ave, Roselle	NJ
Stater Co., 10-11	19 New Park Ave, Hartford 6	Conn

TECHNICAL APPARATUS BUILDERS, 2-3-4-5-6-8, Adv Pg 529	109 Liberty St. New York 6	NY
TECHNOLOGY INSTRUMENT CORP., 1, Adv Pgs 83, 86	533 Main St. Acton	Mass
Tech-Ohm Resistor Corp., 3-4-5-6-7	36-11 33rd St, Long Island City 6	NY
Tel-Labs, Inc., 1-2-3-8-11	1055 Second St. Manchester	NH
Tensitronics Ltd., 1	1311 Power Ave, Cleveland 14	Ohio
Tepro Electric Corp., 1-2-3-4-5-6-10	5 St Paul St. Rochester 4	NY
TRU-OHM PRODUCTS DIV. MODEL ENG & MFG INC., 1-2-3-4-5-6-7-8-9-10, Adv Pg 490	3426 W Diversey, Chicago 47	Ill
Ultronix Inc., 1-2-8	111 E 20th Ave. San Mateo	Cal
United Mineral & Chemical Corp., 2-3-4-5-6-9	16 Hudson St. New York 13	NY
WARD LEONARD ELECTRIC CO., 3-4-5-6-8-10, Adv Pgs 338, 339	23 South St. Mt. Vernon	NY
Newlyn International, Inc., 1-2-3-4-6-8-9-10	3355 Edgecliff Terr, Cleveland 11	Ohio
Westinghouse Gen Purpose Controls Dept., 6-7	Buffalo	NY
Westinghouse Instrument Dept., 7-8-9	Newark	NJ
Wolfram TV Products, Inc., 4	Box 539, Sarasota	Fla

RESISTORS -*WIRE-WOUND, VARIABLE*

1. ADJUSTABLE (SLIDING TAPS) *2. SLIDE-WIRE*

See POTENTIOMETERS *FOR LOW-WATTAGE COMPOSITION & WIRE-WOUND RHEOSTATS: FOR INDUSTRIAL UNITS,* See RHEOSTATS -*WIRE-WOUND, INDUSTRIAL*

Aero Electronics Corp., 1	1745 W. 134th St, Gardena	Cal
Atlas Resistor Co., 1	1128 Madison St, Chester	Pa
Alpha Electronics	7648 San Fernando Rd. Sun Valley	Cal
Biddle Co., James G., 2	1316 Arch St. Philadelphia 7	Pa
Brys Instrument Co., 1-2	7026 6th Ave. Brooklyn 9	NY
CLAROSTAT MFG. CO. INC., 1, Adv Pg 501	Dover	NH
Con-Elco Div. Edcliff Instruments, 2	1711 S Mountain Ave. Monrovia	Cal
Continental-Wirt Electronics Corp., 1	5221 Greene St, Philadelphia 44	Pa
Colbert Science Labs, F.W., 1	3117 Venice Blvd. Los Angeles 19	Cal
Duncan Electronics, Inc., 1-2	2865 Fairview Rd. Costa Mesa	Cal
Edcliff Instruments, 1	1711 S Mountain Ave. Monrovia	Cal
Electric Regulator Corp., 1	Pearl St. Norwalk	Conn
ELECTRO SCIENTIFIC INDUSTRIES INC., 1, Adv Pg 424	7524 SW Macadam, Portland 19	Ore
GENERAL ELECTRIC CO. APPARATUS SALES, 2, Adv Pgs 8, 9	1 River Rd. Schenectady 5	NY
General Radio Co., 2	West Concord	Mass
HARDWICK HINDLE INC., 1-2, Adv. Pgs. 536, 537	40 Hermon St. Newark 5	NJ
International Resistance Co., 1	401 N. Broad St, Philadelphia	Pa
Ketay Dept. Norden Div. United Aircraft Corp., 2	Jericho Tnpk. Commack	NY
Lectrohm, Inc., 1	5560 Northwest Hwy, Chicago 30	Ill
Mallory Controls Co., 1-2	Frankfort	Ind
MATSUSHITA ELECTRIC, Adv Pg 255	Box 288, Osaka Central, Tokyo	Jap
Maurey Instrument Corp., 1	7924 S. Exchange Ave, Chicago 17	Ill
Milwaukee Resistor Co., 1	700 W Virginia St. Milwaukee 4	Wis
Miniature Electronic Components Corp., 1	21 Plymouth St. Holbrook	Mass
Muirhead & Co., Ltd., 2	Beckenham, Kent, England	
Ohio Carbon Co., 1	12508 Berea Rd, Cleveland 11	Ohio
OHMITE MFG. CO., 1-2, Adv Pgs 276, 277	3601 Howard St. Skokie	Ill
Palo Alto Engineering Co., 1	620 Page Mill Rd. Palo Alto	Cal
Precision Inc., 1	4748 France Ave N., Minneapolis	Minn
R. C. L. Mfg. Co., 1-2	New Jersey Ave, Riverside 8	NJ
Resistors, Inc., 1	5226 W. 26th St, Chicago 50	Ill
Rex Rheostat Co., 1-2	149 Babylon Tnpk, Roosevelt	NY
Rotohmeters Inc.	46 Prospect St. Yonkers	NY
Spectrol Electronics Corp., 2	1704 S Del Mar, San Gabriel	Cal
Square D Co., 2	4041 Richards, Milwaukee 12	Wis
Technology Instrument Corp of Ill., 1	10130 W. Pacific Ave, Franklin Park	Ill
Tech-Ohm Resistor Corp., 1	36-11 33rd St, Long Island City 6	NY
Topp Industries, Inc., 1	5221 W. 102 St, Los Angeles 45	Cal
TRU-OHM PRODUCTS DIV. MODEL ENG & MFG INC., 1, Adv Pg 490	3426 W Diversey, Chicago 47	Ill
Ultronix Inc., 2	111 E 20th Ave. San Mateo	Cal
United Mineral & Chemical Corp., 1	16 Hudson St. New York 13	NY
VOGUE INSTRUMENT CORP., 2, Adv Pg 470	2350 Linden Blvd. Brooklyn	NY
WARD LEONARD ELECTRIC CO., 1, Adv Pgs 338, 339	23 South St. Mt. Vernon	NY

RESISTORS -*WIRE-WOVEN*

Duncan Electronics, Inc	2865 Fairview Rd. Costa Mesa	Cal
Electrosolids Corp	115 Pleasant Ave. Roosevelt	NY
Leeds & Northrup Co	4970 Stenton Ave. Phila. 44	Pa
Mallory Controls Co	Frankfort	Ind
Ohmweve Co., Inc	43 Darcy St, West Hartford 10	Conn
Orion Electronic Corp	108 Columbus Ave. Tuckahoe	NY
Square D Co	4041 Richards, Milwaukee 12	Wis
States Co	19 New Park Ave, Hartford 6	Conn
Topp Industries, Inc	5221 W. 102 St, Los Angeles 45	Cal

RESISTS See CHEMICALS -*PRINTED-CIRCUIT*

RESOLVERS

1. COMPUTING (Incl. COORDINATE-TRANSFORM, COMPENSATED, DATA-TRANSMITTING, POSITIONAL, PRODUCT, SERVO, SINE-COSINE AND UNCOMPENSATED)
2. SWEEP
See Also CONVERTERS -*ANALOG-TO-DIGITAL* AND POTENTIOMETERS -*PRECISION, SINE,-COSINE*

American Electronics, Inc., Instrument Div., 1	9503 W. Jefferson Blvd, Culver City	Cal
Belock Instrument Corp., 1	112-03 14th Ave. College Point	NY
BENDIX CORP. MONTROSE DIV., 1, Adv Pg 372	South Montrose	Pa
CLIFTON PRECISION PRODUCTS CO. INC., 1, Adv. Pgs. 242, 243	Marple at Bwy. Clifton Heights	Pa
Control Data Corp., Cedar Engr. Div., 1-2	501 Park Ave, Minneapolis 15	Minn
Data Equipment Co., 1-2	323 E. 3rd St, Los Angeles 13	Cal
Daystrom-Transicoil Corp., 1	Worcester, Montgomery County	Pa
Diehl Mfg. Co., 1-2	1129 Finderne Ave, Somerville	NJ
Donner Scientific Co., 1	888 Galindo St. Concord	Cal
ECLIPSE PIONEER DIV. BENDIX CORP., 1, Adv Pgs 354, 355	Teterboro	NJ
Ford Instrument Co., Div., Sperry Rand Corp., 1	31-10 Thomson Ave, Long Island City 1	NY
Giannini Controls Corp., 1	1600 S Mountain Ave. Duarte	Cal
Harowe Servo Control Inc., 1	West Rd., Lenni Mills	Pa
IMC Magnetics Corp. Western Div., 1	6058 Walker Ave. Maywood	Cal
KEARFOTT DIV., GEN PRECISION INC., 1-2, Adv Pg 394	Little Falls	NJ
Ketay Dept., Norden Div., United Aircraft Corp., 1-2	Jericho Tnpk, Commack	NY
KOLLSMAN MOTOR CORP., 1 Adv Pg 194	Mill St. Dublin	Pa
MacLaren & Co. Inc., F. B., 1	15 Stepar Pl, Huntington Station	NY
Milgo Electronic Corp., 1	7620 N.W. 36th Ave, Miami 47	Fla
Missouri Research Labs., Inc., 1	2109 Locust St, St. Louis 3	Mo
Muirhead & Co., Ltd., 1-2	Beckenham, Kent, England	
Power - Tronic Systems, Inc., 1	10-12 Pine Ct. New Rochelle	NY
Reeves Instrument Corp., 1-2	Roosevelt Field, Garden City	NY
Siemon Mfg. Co., 1	P. O. Box 775, Wayne	Ill
Solartron, Inc., 1	1742 S. Zeyn St, Anaheim	Cal
TOYO TRADING CO. LTD., 1, Adv Pg 260	P. O. Box 999, Central Tokyo	Jap
VERNITRON CORP., 1-2, Adv Pg 485	125 Old Country Rd. Carle Place	NY

RESONANT CAVITIES See CAVITIES -*MICROWAVE:* ECHO BOXES

RESONATORS -*MICROWAVE, ETCHED-CIRCUIT*

Cleveland Metal Specialties Co	1783 E 21st St. Cleveland 14	Ohio
Coax Devices	Box V, Chelsea 50	Mass
FXR INC., Adv Pgs 100, 101	25-26 50th St. Woodside 77	NY
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
Kearfott Div. Gen. Precision Inc. Microwave Prods	14844 Oxnard St. Van Nuys	Cal
Sperry Microwave Electronics Co	P.O. Box 1828, Clearwater	Fla
Techniques, Inc	40 Jay St, Englewood	NJ
TELERAD DIV. LIONEL CORP., Adv Pgs 220, 221	Rt 69, Flemington	NJ

RETAINING RINGS See RINGS -*RETAINING*
RETRACTILE CORDS See CORDS -*RETRACTILE*
REVERBERATION GENERATORS See GENERATORS -*REVERBERATION*
REVOLUTION COUNTERS See COUNTERS -*REVOLUTION*
R-F AMMETERS See AMMETERS
R-F ATTENUATORS See ATTENUATORS
R-F CABLES -*SHIELDED* See CABLES -*SHIELDED*
R-F CABLES -*UNSHIELDED* See CABLES -*UNSHIELDED*
R-F CALIBRATORS See CALIBRATORS -*FREQUENCY*
R-F NOISE GENERATORS See GENERATORS -*NOISE*
R-F POWER AMPLIFIERS See AMPLIFIERS - R-F
R-F POWER BRIDGES See BRIDGES
R-F POWER MONITORS See MONITORS -*POWER*
R-F PROBE INDICATORS See DETECTORS -*STANDING-WAVE*
R-F PROBES See PROBES
R-F SIGNAL GENERATORS See GENERATORS -*SIGNAL*
R-F TRANSFORMERS See TRANSFORMERS
R-F WAVEFORM INDICATORS See OSCILLOSCOPES

RHEOSTATS -*ELECTRONIC*

Bourns, Inc	6135 Magnolia Ave, Riverside	Cal
Miniature Electronic Components Corp	21 Plymouth St. Holbrook	Mass
OHMITE MFG. CO., Adv Pgs 276, 277	3601 Howard St. Skokie	Ill
Raytheon Co. Ind Components Div	55 Chapel St. Newton 58	Mass
Stelma, Inc	200 Henry St. Stamford	Conn
TECHNICAL APPARATUS BUILDERS, Adv Pg 529	109 Liberty St. New York 6	NY
Topp Industries, Inc	5221 W. 102 St, Los Angeles 45	Cal
United Mineral & Chemical Corp	16 Hudson St. New York 13	NY

RHEOSTATS -*GENERAL-PURPOSE* See POTENTIOMETERS
RHEOSTATS -*SLIDE WIRE* See RESISTORS -*WIRE-WOUND, VARIABLE*

RHEOSTATS -*WIRE-WOUND INDUSTRIAL (10 WATTS & UP)*

Clark Controller Co	1146 E. 152 St, Cleveland 10	Ohio
CLAROSTAT MFG. CO., INC., Adv Pg 501	Dover	NH
Electric Regulator Corp	Pearl St. Norwalk	Conn
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	1 River Rd. Schenectady 5	NY
General Radio Co	West Concord	Mass
HARDWICK HINDLE INC., Adv. Pgs. 536, 537	40 Hermon St. Newark 5	NJ
Mallory Controls Co	Frankfort	Ind
Model Rectifier Corp	1675 Utica Ave. Brooklyn 34	NY
OHMITE MFG. CO., Adv Pgs 276, 277	3601 Howard St. Skokie	Ill
TECHNICAL APPARATUS BUILDERS, Adv Pg 529	109 Liberty St. New York 6	NY
TRU-OHM PRODUCTS DIV. MODEL ENG & MFG INC., Adv Pg 490	3426 W Diversey, Chicago 47	Ill
United Mineral & Chemical Corp	16 Hudson St, New York 13	NY
WARD LEONARD ELECTRIC CO., Adv Pgs 338, 339	23 South St. Mt. Vernon	NY
Watlow Electric Mfg. Co.	1376 Ferguson Ave, St. Louis 14	Mo

RIBBON CABLES See CABLES -*FLAT*
RIGID COAXIAL CABLE See CABLES -*COAXIAL*

RINGS -*CARBON, PACKING*

Becker Brothers Carbon Co	3450 Laramie Ave. Cicero 50	Ill
GRAPHITE METALLIZING CORP., Adv Pg 273	1052 Nepperhan Ave. Yonkers	NY
National Carbon Co., Div., UCC	270 Park Ave, New York 17	NY
Ohio Carbon Co	12508 Berea Rd, Cleveland 11	Ohio
Stackpole Carbon Co	201 Stackpole St, St. Marys	Pa
United Carbon Products Co	1310 N Madison St. Bay City	Mich

RINGS -*COLLECTOR*

AIRFLYTE ELECTRONICS CO., Adv Pg 342	535-9 Avenue A, Bayonne	NJ
Boonton Molding Co	Boonton	NJ
Breeze Corps., Inc	700 Liberty Ave, Union	NJ
ELECTRO MINATURES CORP., Adv Pg 494	632 Hoyler St. South Hackensack	NJ
GENERAL FINDINGS INC. INDUSTRIAL DIV., Adv Pgs 538, 539	55 School St. Attleboro	Mass
GIBSON ELECTRIC CO., Adv Pg 462	P O Box 535, Delmont	Pa
GRAPHITE METALLIZING CORP., Adv Pg 273	1052 Nepperhan Ave. Yonkers	NY
Industrial Electrical Works, Inc	1509 Chicago St. Omaha 2	Neb
Midwest Molding & Mfg. Co	Gurnee	Ill
Molding Corp. of America	42 Church St. Pawtucket	RI
Nippert Electric Prods Co	1755 W Mound St. Columbus 23	Ohio
Permali Inc.	Box 718, Mt. Pleasant	Pa
Standard Metals Corp	Broad & Whiting St. North Attleboro	Mass
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., Adv Pg 81	34 Forest St. Attleboro	Mass
Tricon Mfg Co	8012 S Wallace St. Chicago 20	Ill

RINGS -*RETAINING*

Aero Bolt & Screw Co	1017 Arbor Vitae, Inglewood	Cal
Carroll Pressed Metal Inc	132 Dewey St. Worcester	Mass
Eaton Mfg. Co., Reliance Div	25 Charles Ave. S.E., Massillon	Ohio
Fastex Div., Illinois Tool Works	195 Algonquin Rd, Des Plaines	Ill
Gemex Corp. Industrial Div	1200 Commerce Ave. Union	NJ
Industrial Retaining Ring Co	57 Cordier St, Irvington 11	NJ
P I C Design Corp. Sub. Benrus Watch Co	477 Atlantic Ave. E Rockway	NY
Palnut Co. Div. U C F	77A Glen Rd. Mountainside	NJ
Waldes Kohinoor, Inc	47-16 Austel Pl, Long Island City 1	NY

RINSING EQUIPMENT See WASHERS -*WEIR*
RINSING EQUIPMENT *(FOR PARTS)* See WASHERS -*WEIR*
RIPPLE FINISHES See PAINTS & PRIMERS: VARNISHES

RIVETS

Aluminum Co of America	Alcoa Bldg. Pittsburgh 19	Pa
Brainin Corp., C. S	322 Washington St. Mt. Vernon	NY
Chase Brass & Copper Co., Inc	236 Grand St, Waterbury 20	Conn
Chicago Rivet & Machine Co	Bellwood	Ill
Continental Screw Co	Dept JA, 459 Mt Pleasant St. New Bedford	Mass
Deringer Metallurgical Corp	8131 N Monticello Ave. Skokie	Ill
Division Lead Co	7742 W. 61st Pl, Summit	Ill
Fastex Div., Illinois Tool Works	195 Algonquin Rd, Des Plaines	Ill
GENERAL FINDINGS INC. INDUSTRIAL DIV., Adv Pgs 538, 539	55 School St. Attleboro	Mass
GIBSON ELECTRIC CO., Adv Pg 462	P O Box 535, Delmont	Pa
Goodrich Aviation Products, B.F., Div of B.F. Goodrich Co	Akron	Ohio
Gries Reproducer Corp	151 Beechwood St. New Rochelle	NY
Hassall, Inc., John	P.O. Box 2242, Westbury	NY
Huck Mfg. Co	2480 Bellevue Ave, Detroit 7	Mich
Keystone Bolt & Nut Corp	127 Church St. New York 7	NY
Mercury Air Parts Co	9310 W Jefferson Blvd, Culver City	Cal
Mid-Continent Screw Products Co	5843 N Broadway, Chicago 40	Ill
Milford Rivet & Machine Co	857 Bridgeport Ave. Milford	Conn
Republic Steel Corp	Republic Bldg. Cleveland 1	Ohio
Russell, Burdsall & Ward Bolt & Nut Co	Port Chester	NY
Southco Div., South Chester Corp	Lester	Pa
Tricon Mfg Co	8012 S Wallace St. Chicago 20	Ill
Tubular Rivet & Stud Co	Weston Ave, Quincy 70	Mass

ROCHELLE SALT CRYSTALS See CRYSTAL BLANKS: CRYSTALS -*PIEZOELECTRIC*

RODS -*GROUND*

Amatom Electronic Hardware Co. Inc	88 Drake Ave. New Rochelle	NY
Andrew California Corp	941 E Maryland Ave. Claremont	Cal
BIRNBACH RADIO CO. INC., Adv Pg 529	145 Hudson St. New York 13	NY
Blaco Manufacturing Co	6543 Euclid Ave. Cleveland	Ohio
Crown Metal Products	Box 31, Wyano	Pa
I. E. Manufacturing	3041 Carroll, Chicago 12	Ill
Premax Products Div., Chisholm-Ryder Co., Inc	Highland & College, Niagara Falls 2	NY
South River Metal Products Co., Inc	377 Turnpike, South River	NJ
Specialty Electronics Development Corp	115 Eileen Way, Syosset	NY

RODS -*METAL* See *METAL DESIRED*
RODS -*PLASTIC* See PLASTICS: *ROD & TUBING*
RODS -*THREADED* See METAL PARTS -*THREADED RODS*
ROLLER BEARINGS See BEARINGS
ROOMS -*CLEAN* See CLEAN ROOMS
ROOMS -*SCREEN* See CHAMBERS -*ENVIRONMENTAL TEST*
ROTARY ACTUATORS See ACTUATORS
ROTARY BEAM ANTENNAS See ANTENNAS -*COMMUNICATION*
ROTARY CONVERTERS See CONVERTERS -*POWER*
ROTARY INVERTERS See INVERTERS
ROTORY JOINTS See JOINTS -*ROTARY*
ROTARY SOLENOIDS See SOLENOIDS

ROTATORS -*ANTENNA*

Alliance Mfg. Co. Inc	Lake Park Blvd. Alliance	Ohio
Andrew California Corp	941 E Maryland Ave, Claremont	Cal
Antenna Products Co. Div. All Products Co	Box 110, Mineral Wells	Tex
Chu Associates	Box 387, Littleton	Mass
CORNELL-DUBILIER ELECTRONICS DIV. FED PACIFIC CO., Adv Pgs 148, 149	50 Paris St. Newark 1	NJ
Houston Fearless Corp	9107 Wilshire Blvd. Beverly Hills	Cal
Reeves Instrument Corp	Roosevelt Field, Garden City	NY
Smith Mfg. Co., J&H	Little Britain Rd, Newburgh	NY
Telrex Labs	Asbury Park	NJ
WIND TURBINE CO., Adv Pg 388	E Market St. West Chester	Pa

ROTORS -*CASTINGS*

CELCO CONSTANTINE ENGRG LABS CO., Adv Pg 45	Box 555, Mahwah	NJ

ROUTERS See TOOLS -*CUTTERS*

RUBBER -*PARTS, RODS, SHEETS & TUBING*

1. FOAM *4. NATURAL, HARD*
2. NATURAL *5. SILICONE*
3. NATURAL, CONDUCTIVE *6. SYNTHETIC*

Aero Bolt & Screw Co., 4-5-6	1017 Arbor Vitae, Inglewood	Cal
ALPHA WIRE CORP., 5, Adv Pg 246	200 Varick St. New York 14	NY
Auburn Mfg. Co., The, 1-2-3-4-5-6	Pease Ave & Stack St, Middletown	Conn
Bacon Industries, Inc., 5-6	192 Pleasant St, Watertown 72	Mass
Barry Controls Div. Barry Wright Corp., 2-5-6	711 Pleasant St. Watertown 72	Mass
Bestcraft Products Co. Inc., 1-2-3-5-6	626 Broadway, New York	NY
BIRNBACH RADIO CO. INC., 5-6, Adv Pg 529	145 Hudson St. New York 13	NY
Chicago-Allis Mfg. Co., 2-3-5-6	115 N Green St. Chicago	Ill
Connecticut Hard Rubber Co., 5-6	407 East St. New Haven 9	Conn
Felt Products Mfg. Co., 2-5-6	7450 N. McCormick Blvd, Skokie	Ill
Forest City Products, Inc., 1-2-4-5-6	722 Bolivar Rd, Cleveland 15	Ohio
Garlock Electronic Products, Garlock Inc., 5	Camden 1	NJ

General Electric Co. Lamp Metals & Components Dept., 2-6	21800 Tungsten Rd. Cleveland 17	Ohio
General Gaskets Inc., 1-5-6	Middletown	Conn
Goodrich Industrial Prods. Co., B. F., 3-4-6	500 S Main St. Akron 18	Ohio
Hallmark Canada Ltd., 5	44 Danforth Rd. Scarborough	Ont
Industrial Electronic Rubber Co. 1-5-6	31445 Aurora Rd. Solon	Ohio
Insulation Manufacturers Corp., 5	565 W. Washington Blvd, Chicago 6	Ill
Jan Hardware Mfg Co. Inc., 4	38-01 Queens Blvd Long Island City 1	NY
Kirkhill Rubber Co., 2-5-6	300 E. Cypress, Brea	Cal
Minsine Rubber Co., Inc., 2-3-6	Orange County, Unionville	NY
Minnesota Mining & Mfg Co. Electrical Tapes, 5	900 Bush Ave. St Paul 6	Minn
Minnesota Rubber Co., 2-3-5-6	3630 Wooddale Ave. Minneapolis 16	Minn
Minor Rubber Co., Inc., 1-2-3-4-5-6	49 Ackerman St, Bloomfield	NJ
Moxness Products, Inc., 5	1916 Indiana St, Racine	Wisc
National Gasket & Washer Mfg. Co. Inc., 1-2-3-4 5-6	124 E 25 St. New York 10	NY
NATVAR CORP., 5, Adv Pg 523	**Woodbridge**	**NJ**
Newth Rubber Co., 2-5-6	Barrington	RI
Otarion Listener Corp., 1	Scarborough Pk. Ossining	NY
Pacific Molded Products, 2-3-5-6	915 E. 59 St, Los Angeles	Cal
Pelmor Laboratories, Inc., 2-3-4-5-6	401 Lafayette St. Newtown	Pa
Raybestos-Manhattan, Inc., 2-3-4-5-6	61 Willett St, Passaic	NJ
Roberts Toledo Rubber Co., 2-3-4-6	4141 Monroe St, Toledo	Ohio
Rubbercraft Corp of Calif., 1-2-3-4-5-6	1800 W 220 St. Torrance	Cal
Sierra Engineering Co., 5	123 E. Montecito, Sierra Madre	Cal
Stalwart Rubber Co., 2-3-5-6	160 Northfield Rd. Bedford	Ohio
Stevens Products, Inc., 5	86-88 Main St. East Orange	NJ
Topper Mfg Co. Inc., 3	84-56 Parsons Blvd. Jamaica 32	NY
United Mineral & Chemical Corp., 1	16 Hudson St. New York 13	NY
U.S. Rubber Co., 1-2-3-4-6	1230 Ave of the Americas, New York 20	NY
VARFLEX CORP., 5, Adv Pg 306	**506 W Court St. Rome**	**NY**
Vernay Labs. Inc., 2-3-5-6	Yellow Springs	Ohio
Western Felt Works, 2-3-5-6	4029 Ogden Ave. Chicago	Ill

RUBBER –*RAW MATERIAL*

1. NATURAL 2. SILICONE RUBBER 3. SYNTHETIC

Armstrong Cork Co., 2	Lancaster	Pa
Dow Corning Corp., 2	Midland	Mich
du Pont de Nemours & Co., Inc., E.I., 3	Wilmington 98	Del
Emerson & Cuming, Inc., 2	869 Washington St. Canton	Mass
Goodyear Tire & Rubber Co., Chemical Div., 3	1144 E. Market St. Akron 16	Ohio
Insulation Manufacturers Corp., 2	565 W. Washington Blvd, Chicago 6	Ill
Kirkhill Rubber Co., 1-2-3	300 E Cypress, Brea	Cal
Minnesota Mining & Mfg. Co., Chemical Div., 3	900 Bush Ave, St. Paul 6	Minn
Minor Rubber Co., Inc., 1-2-3	49 Ackerman St, Bloomfield	NJ
Mobay Chemical Co., 3	Penn Lincoln Pkwy. W., Pittsburgh	Pa
Morningstar-Paisley, Inc., 3	630 W. 51st St, New York 19	NY
Pelmor Laboratories, Inc., 1-2-3	401 Lafayette St. Newton	Pa
Roberts Toledo Rubber Co., 1-3	4141 Monroe St. Toledo	Ohio
Rubbercraft Corp of Calif., 1-2-3	1800 W 220 St. Torrance	Cal
Sierra Engineering Co., 2	123 E Montecito Ave. Sierra Madre	Cal
Silicones Div., UCC, 2	270 Park Ave, New York 17	NY
U.S. Rubber Co., 1-3	1230 Ave of the Americas, New York 20	NY
Western Felt Works, 1-2-3	4029 Ogden Ave. Chicago	Ill

RUBBERIZED HAIR See PACKAGING MATERIALS
SAFETY CONTROLS See CONTROLS –*CAPACITANCE-OPERATED: CONTROLS –PHOTOELECTRIC*
SALT SPRAY CHAMBERS See CHAMBERS –*ENVIRONMENTAL TEST*
SALT-SPRAY-RESISTANT COATINGS See COATINGS

SAPPHIRE

1. FINISHED PARTS 3. RODS & SHEETS
2. RAW, NATURAL OR SYNTHETIC
See Also BEARINGS –*JEWEL, SAPPHIRE:* SEALS

Bausch & Lomb Inc., 1	61452 Bausch St. Rochester 2	NY
BIRD CO., RICHARD H., 1, Adv Pg 525	**1 Spruce St, Waltham**	**Mass**
Fidelitone Microwave Inc., 1	6415 N Ravenswood Ave. Chicago 26	Ill
Geoscience Instrument, Inc., 1	142 Maiden Lane, New York 38	NY
Gladding, McBean & Co., 1-2-3	1551 S Primrose St. Monrovia	Cal
Jadow Inc., B., 1	860 Broadway, New York 3	NY
KELLER, JR. JEWELS, HUGO, 1-2-3, Adv Pg 504	**50 E 42 St. New York 17**	**NY**
Lear Inc., 1-2	3171 S Bundy Dr. Santa Monica	Cal
Linde Co. Div. UCC, 2	270 Park Ave. New York 17	NY
Meller Co., Adolf, 1-2-3	Box 6001-Turnkey, Providence	RI
Reuter-Stokes Electronic Components, Inc., 1	2149 Hamilton Ave. Cleveland 14	Ohio
Semi-Alloys Inc., 1-3	20 McQueston Pkwy. N, Mt. Vernon	NY
SEMI-ELEMENTS, INC., 2, Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
SERVO CORP OF AMERICA, 1, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
SOLID STATE MATERIALS CORP., 1-2-3 Adv Pg 500	**5 Erie Dr. East Natick**	**Mass**
Swiss Jewel Co., 1	Lafayett Bldg, Philadelphia 6	Pa
Var-Lac-Oid Chemical Co., 2	116 Broad St. New York 4	NY

SAPPHIRE STYLI See NEEDLES
SATURABLE-REACTOR COILS See COILS –*WINDINGS ONLY*
SATURABLE REACTORS See REACTORS –*SATURABLE*
SAWS See ABRASIVES: MACHINES: TOOLS: WHEELS –*DIAMOND*
SCALERS See COUNTERS –*ELECTRONIC*
SCALES (DIALS) See DIALS

SCALES –*OSCILLOSCOPE SCREEN*

Set Dial Corp	E. Passaic Ave. Caldwell	NJ

SCALES –*WEIGHT* See CONTROLS –*WEIGHT:* INDICATORS –*WEIGHT:* RECORDERS –*WEIGHT*
SCANNERS –*FACSIMILE* See FACSIMILE EQUIPMENT

SCANNERS –*IMAGE*

1. FLYING-SPOT ILLUMINATION WITH FIXED PICKUP 2. FLOOD ILLUMINATION WITH SCANNING PICKUP

ACF Electronics Div., 1-2	Riverdale	Md
B. & K. Mfg. Co., 1	1801 W Belle Plaine, Chicago 13	Ill
CBS Laboratories, 1-2	227 High Ridge Rd. Stamford	Conn
Data Equipment Co., 1-2	923 E. 3rd St, Los Angeles 13	Cal
EMI/US Ltd., 1	1750 N Vine St. Los Angeles 28	Cal
Farrington Electronics Inc., 2-3	7019 Edsall Rd. Alexandria	Va
Folio-Video Electronics, Inc., 1	36 Commerce Rd, Cedar Grove	NJ
Geotechnical Corp., 2	3401 Shiloh Rd, Garland	Tex
Hogan Faximile Corp., 1	635 Greenwich St. New York 14	NY
IKEGAMI TSUSHINKI CO. LTD., 1, Adv Pg 266	**21 Motoki-cho, Kawasakishi, Kanagawa**	**Jap**
Link Div. Gen. Precision Inc., 1	Binghamton	NY
MacLeod & Hanopol, Inc., 1	10 Poland St. Charlestown 29	Mass
Minn-Honeywell, Military Prods Gr., 1-2	2600 Ridgway Rd. Minneapolis 13	Minn
Philco Corp. Govt & Ind Div., 1	4700 Wissahickon Ave. Phila 44	Pa
RMS Associates, Inc., 1	407 Mamaroneck Ave. Mamaroneck	NY
Rank Cintel Ltd., 1	Worsley Bridge Rd. London S.E. 26, England	
Television Utilities Corp. Div. Nord, 1	300 Denton Ave. New Hyde Park	NY
Televiso Corp., 1	Wheeling & Exchange Rds. Wheeling	Ill
Vue-Tronics Inc, Div Prescott Television Co., 1-2	7706 Melrose Ave. Los Angeles 46	Cal

SCANNERS –*SWITCHING* See COMMUTATORS –*SWITCHING*
SCHEMATIC SYMBOLS –*PRINTED* See DRAFTING SUPPLIES
SCHEMATIC SYMBOL TEMPLATES See DRAFTING SUPPLIES
SCINTILLATION COUNTERS See COUNTERS –*NUCLEAR PARTICLE*
SCINTILLATION CRYSTALS See CRYSTALS –*SCINTILLATION*

SCINTILLATORS

1. CRYSTAL 2. LIQUID 3. PLASTIC

Allied Research Associates Inc., 3	43 Leon St. Boston 15	Mass
American Tradair Corp., Sub of Ekco Electronics, Ltd., 1	34-01 30 St. Long Island City 6	NY
Baird-Atomic, Inc., 2	33 University Rd, Cambridge 38	Mass
EMI/US Ltd., 1	1750 N Vine St. Los Angeles 28	Cal
Franklin Systems, Inc., 3	Box 3250, W Palm Beach	Fla
HARSHAW CHEMICAL CO., 1-2-3, Adv Pg 508	**1945 E 97th St. Cleveland 6**	**Ohio**
Isomet Corp., 1-2-3	433 Commercial Ave. Palisades Park	NJ
Pilot Chemicals, Inc., 2-3	36 Pleasant St. Watertown 72	Mass
Radiation Counter Labs., Inc., 1-2-3	5121 W. Grove St. Skokie	Ill
Reuter-Stokes Electronic Components, Inc., 1	2149 Hamilton Ave. Cleveland 14	Ohio
SEMI-ELEMENTS, INC., 1-3, Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
United Mineral & Chemical Corp., 1-3	16 Hudson St. New York 13	NY
U. S. Nuclear Corp., 1-2-3	801 N. Lake St, Burbank	Cal
Wood Counter Laboratory, N., 1	1525 E. 53rd, Chicago 15	Ill

SCOPES See OSCILLOSCOPES

SCRAMBLERS –*SPEECH*

General Dynamics/Electronics	100 Carlson Rd. Rochester 3	NY
Lynch Communication Systems Inc	695 Bryant St. San Francisco 7	Cal
Rediffon Ltd	Broomhill Rd. Wandsworth, London SW18	Eng
Summit Electronics, Inc	7 Industrial Pl, Summit	NJ

SCRATCH FILTERS See FILTERS
SCREEN ROOMS See CHAMBERS –*ENVIRONMENTAL TEST*

SCREENS –*PRINTED-CIRCUIT*

1. SILK 2. WIRE MESH

Advance Process Supply Co., 1-2	2315 W Huron St. Chicago 12	Ill
Applied Dynamics, Inc., 1	Box 612, Ann Arbor	Mich
Avionics Ltd., 1-2	Box 200, Niagara-on-the-Lake, Ontario	
Bellandi Co., Inc., M., 1-2	7508 W. Grand Ave, Elmwood Park	Ill
Bestcraft Products Co. Inc., 2	626 Broadway, New York	NY
Cambridge Wire Cloth Co., 2	Cambridge	Md
Daystrom Inc. Military Elec. Div., 1-2	Archbald	Pa
Dry Screen Process, Inc., 2	1116 Madison Ave, Pittsburgh 12	Pa
ELECTRALAB PRINTED ELECTRONICS CORP., 1-2, Adv Pg 459	**175 A St. Needham Heights 94**	**Mass**
Emmco Plastics Corp., 1	61 Vine St. Everett	Mass
ETCHOMATIC INC., 1-2, Adv Pg 520	**182 Newton St. Waltham 54**	**Mass**
Factory Enterprises Inc., 1-2	3431 Butler St. Pittsburgh 1	Pa
General Research Inc., 1	572 S Division Ave. Grand Rapids 3	Mich
Good Electronic Corp., 1-2	Box 2406, W Palm Beach	Fla
Keil Engineering Products, Inc., 1	6833 Manchester, St. Louis 10	Mo
Kressilk Products, Inc., 1-2	73 Murray St, New York 7	NY
LAMBERT CO. INC., 1-2, Adv Pg 558	**77 Sudbury St. Boston 14**	**Mass**
LaPointe Industries, Inc., 2	155 W. Main St, Rockville	Conn
Ludlow-Saylor Wire Cloth Co., 2	640 S Newstead Ave. St Louis	Mo
Precision Metal Products Co. of Malden, 1	41 Elm St. Stoneham 80	Mass
Rentelz Inc., Geo., 2	555 Legendre St. E Montreal 11	Can
Rowe Engineers, Inc., 1-2	64 Union Ave. Clifton	NJ
Sillcocks-Miller Co., 1	Maplewood	NJ
STAFFORD MFG. CO. INC., 1-2, Adv Pg 124	**145 58th St. Brooklyn 20**	**NY**
Stanley Aviation Corp., 1	2501 Dallas St, Denver 8	Colo
Tadco Mfg Inc., 2	Box 741, Gloucester	Mass
Techniques, Inc., 1-2	40 Jay St, Englewood	NJ
Tyler Co., W.S., 2	3620 Superior Ave, Cleveland 14	Ohio
Unique Wire Weaving Co. Inc., 2	759 Ramsey Ave. Hillside	NJ
Unisco, Inc., 1	1061 Linden Ave, Ridgefield	NJ
WIRE CLOTH ENTERPRISES INC., 1-2, Adv Pg 535	**3408 Penn Ave. Pittsburgh 1**	**Pa**
Wright Steel & Wire Co., G. F., 2	245 Stafford St. Worcester	Mass

SCREENS –*SHIELDING* See SHIELDING
SCREWDRIVERS See TOOLS –*HAND*
SCREW-MACHINE METAL PARTS See METAL PARTS –*SCREW MACHINE*

SCREWS

1. CAPTIVE 5. SELF-TAPPING
2. COMMON 6. SET
3. SELF-LOCKING 7. THUMB
4. SELF-SEALING

A. P. M. CORP., 4, Adv Pg 542	**41 Honeck St. Englewood**	**NJ**
Abbott Products, Inc., 1-6	14-10 123rd St., College Point 56	NY
Aero Bolt & Screw Co., 1-2-3-4-5-6-7	1017 Arbor Vitae, Inglewood	Cal
Aerotron Supply Co., 2-3-5-6-7	13311 S Normandie, Gardena	Cal
ALDEN PRODUCTS CO., 1, Adv Pg 359	**112 N Main St. Brockton 64**	**Mass**
Allen Mfg. Co., 6	Drawer 570, Hartford 1	Conn
ALLMETAL SCREW PRODUCTS CO. INC., 1-2-3-5-6-7, Adv Pg 66	**821 Stewart Ave. Garden City**	**NY**
Alpine Electronic Components, 1-7	Wolcott Rd, Waterbury	Conn
Aluminum Co of America, 2-6-7	Alcoa Bldg. Pittsburgh 19	Pa
Amatom Electronic Hardware Co., Inc., 1-6-7	88 Drake Ave, New Rochelle	NY
American Screw Co., 2-3-5	Willimantic	Conn
Anti-Corrosive Metal Products Co. Inc., 1-2-3-5-6-7	Castleton-on-Hudson	NY
Atlas Screw & Specialty Co., Inc., 1-2-5-6-7	450 Broome St, New York 13	NY
Austin Screw Products Co., 1-3-4	4873 Armitage Ave. Chicago 39	Ill
Billings & Spencer Co., 7	3 Laurel St, Hartford 1	Conn
BIRNBACH RADIO CO. INC., 2-5, Adv Pg 529	**145 Hudson St. New York 13**	**NY**
Camcar Screw & Mfg Co., Div., Textron Inc., Inc., 2-5	600 18th Ave. Rockford	Ill
Carr Fastener Co., Div., United-Carr, 1	31 Ames St, Cambridge 42	Mass
Central Screw Co., 2-3-5-7	3501 S Shields Ave. Chicago 9	Ill
Chase Brass & Copper Co., Inc., 2-6-7	236 Grand St, Waterbury 20	Conn
Chicago Screw Co., 6	2701 Washington Blvd, Bellwood	Ill
CIRCON COMPONENT CORP., 2, Adv Pg 446	**Santa Barbara Airport, Goleta**	**Cal**
Continental Screw Co., 2-3-5	Dept JA, 459 Mt Pleasant St. New Bedford	Mass
DeLandri Prec. Elements Co., Inc., 1	39 School St, Yonkers	NY
Eaton Mfg. Co., Reliance Div., 2-3-4-5	25 Charles Ave S E., Massillon	Ohio
Elco Tool & Screw Co., 2-5-7	1111 Samuelson Rd, Rockford	Ill
FEDERAL SCREW PRODUCTS INC., 1-2-3-5-6-7, Adv Pg 553	**3917 N Kedzie Ave. Chicago 18**	**Ill**
G-C Electronics Co., 2-5-6	400 S Wyman St. Rockford	Ill
General American Transportation Corp., 5-6-7	135 S. La Salle St, Chicago 3	Ill
Goe Engineering Co., 1-7	219 S Mednik Ave. Los Angeles 22	Cal
Gries Reproducer Corp., 5-6-7	151 Beechwood St. New Rochelle	NY
Harvey Hubbell, Inc., 2-5	State St & Bostwick Ave, Bridgeport 2	Conn
Holo-Krome Screw Corp., 6	Hartford 10	Conn
Jan Hardware Mfg Co. Inc., 1	38-01 Queens Blvd. Long Island City 1	NY
Keystone Bolt & Nut Corp., 1-2-3-4-5-6-7	127 Church St. New York 7	NY
Klincher Locknut Corp., 3	2153 Hillside Ave. Indpls. 18	Ind
Lehigh Metal Products Co., 1-2-3-4-5-6-7	134 Alewife Brook Pkwy. Cambridge	Mass
Long-Lok Corp., 3	4101 Redwood Ave. Los Angeles 66	Cal
Mercury Air Parts Co., 2-3-5-6-7	9310 W Jefferson Blvd. Culver City	Cal
Mid-Continent Screw Products Co, 1-2-3-4-5-6-7	5843 N. Broadway, Chicago 40	Ill
Molly Corp., 1-4	232 N. Fifth St, Reading	Pa
Moran Co., 1-2-6	721 E El Segundo Blvd. El Segundo	Cal
Morris Co., J. I., 2-5-6	376 Elm St. Southbridge	Mass
NATIONAL LEAD CO., 2, Adv Pg 557	**111 Broadway, New York 6**	**NY**
NATIONAL RADIO CO., 1-3, Adv Pg 499	**37 Washington St. Melrose 76**	**Mass**
Nutmeg Screw Machine Products Co., 1-7	P.O. Box 1475, Waterbury	Conn
Nylok Corp., 3-4	611 Industrial Ave. Paramus	NJ
Oki & Willadsen, Ltd., 2-6	47 Crockford Blvd, Toronto 16, Ontario, Canada	
Parker-Kalon Div. Gen Amer Trans Corp., 3-5-6-7	1 Peekay Dr. Clifton	NJ
Pheoll Mfg. Co., Inc., 2-3-4-5-6	5700 Roosevelt Rd, Chicago 50	Ill
Pilgrim Screw Corp., 2-5	259 Dexter St, Providence	RI
Precision Metal Products Co. of Malden, 1-7	41 Elm St. Stoneham 80	Mass
Republic Steel Corp., 3	Republic Bldg. Cleveland 1	Ohio
Research Development Mfg. Inc., 1	429 E Coller St. Phila. 44	Pa
Rimak Electronics Inc., 1-7	10929 Vanowen St. N Hollywood	Cal
Ross Co., Milton, 2-5	239 Jacksonville Rd. Hatboro	Pa
Russell, Burdsall & Ward Bolt & Nut Co., 2-3-5-6	Port Chester	NY
Set Screw Mfg. Co., 3-5-6	470 Main St, Bartlett	Ill
Shakeproof Div. Illinois Tool Works, 2-3-4-5	St. Charles Rd. Elgin	Ill
Sierra Electric Corp., 2	15100 S. Figueroa St, Gardena	Cal
Smith, Inc., Herman H., 1-2-5-6-7	2326 Nostrand Ave, Brooklyn 10	NY
Southco Div., South Chester Corp., 1-3	Lester	Pa
Southern Screw Co., 5	P.O. Box 1360 E, Statesville	NC
Standard Pressed Steel Co., 2-3-4-6	P.O. Box 775, Jenkintown	Pa
Standard Screw Co., 2-6	2801 Washington Blvd, Bellwood	Ill
Star Stainless Screw Co., 1-2-3-5-6-7	655 Union Blvd, Totowa	NJ
Sterling Bolt Co., 2-5-6-7	363-405 W. Erie St, Chicago 10	Ill
Sterling Instrument Div., 1-6-7	17 Matinecock Ave. Port Washington	NY
Thompson-Bremer & Co. Div. AMF, 1-3-5	228 N LaSalle St. Chicago 1	Ill
United Screw & Bolt Corp., 1-2-4-5-6-7	3590 W. 58 St, Cleveland 2	Ohio
Waldom Electronics, Inc., 2-5-6	4621 W. 53rd St, Chicago 32	Ill

SEALERS See COATINGS
SEALING MACHINES See MACHINES –*HERMETIC-SEALING*

SEALING SERVICES –*HERMETIC*

A. P. M. CORP., Adv Pg 542	**41 Honeck St. Englewood**	**NJ**
Bacon Industries, Inc	192 Pleasant St, Watertown 72	Mass
Ceramco Inc. Chemists	173 Ridge St. Newark 4	NJ
Electro-Seal Corp	946 North Ave. Des Plaines	Ill
Electronic Service Corp	2906 Birch St, Franklin Park	Ill
Glass-Tite Industries, Inc	725 Branch Ave, Providence 4	RI
Hermaseal Co. Inc	1101 N Main St. Elkhart	Ind
Hermetite Corp	100 Ledge Dr. Avon	Mass
KAHLE ENGINEERING CO Adv Pg 98	**3322 Hudson St, Union City**	**NJ**
Molecular Electronics Co	71 Monroe St. Garfield	NJ
Nu-Line Industries Inc	1015 S 6th St. Minneapolis 4	Minn
Parker Seal Co. Div. Parker-Hannifin Corp	10567 Jefferson Blvd. Culver City	Cal
SEAL-A-METIC CO. DIV. FILTORS INC., Adv Pg 360	**Haledon**	**NJ**
TORWICO ELECTRONICS INC., Adv Pgs 491, 492	**Route 70, Lakewood**	**NJ**
United Products Co	165 Franklin Ave. Nutley 10	NJ
Warren Components Div., El-Tronics	S. Irvine St, Warren	Pa

SEALS –*HERMETIC*

1. METAL-TO-CERAMIC 4. METAL-TO-SAPPHIRE
2. METAL-TO-GLASS 5. SAPPHIRE-TO-GLASS
3. METAL-TO-METAL

Accurate Specialties Co. Inc., 1	345 Lodi St. Hackensack	NJ
Advanced Products Co., 1-2-3-4	59 Broadway, North Haven	Conn
Advanced Vacuum Prods Inc. Sub Glass-Tite Ind. 1-2-4	430 Fairfield Ave. Stamford	Conn
Aerolite Electronics Corp., 1-2-3	2207 Summit Ave. Union City	NJ
Aeroseel Inc., 2-3	801 23rd St. Union City	NJ
Alite Div. U.S. Stoneware Co., 1-4-5	Box 119, Orrville	Ohio
Allegheny Ludlum Steel Corp., 2	2020 Oliver Bldg. Pittsburgh 22	Pa
Alloys Unlimited, Inc., 2	21-01 43rd Ave. Long Island City 1	NY
American Feldmuehle Corp., 1	11 W. 42nd St, New York 36	NY
AMERICAN LAVA CORP., 1, Adv Pg 237	**Cherokee & Mfrs Rd. Chattanooga 5**	**Tenn**
American Sealants Co., 1-2-3-4-5	705 N Mountain Rd. Hartford 11	Conn
Arnoux Corp., 1-2	11924 W. Washington Blvd, L.A. 66	Cal
Associated Engineering & Mfg. Corp., 2	Glen Ridge	NJ
Atmo Seal Co., 2	4321 Fielding St, Cincinnati 9	Ohio
Bacon Industries, Inc., 3	192 Pleasant St, Watertown 72	Mass
Bevtron Electronics Corp., 2	59 Park St. Beverly	Mass
Biggs Co. Inc. Carl H., 1-2-3-4-5	Dept EB, 1547 14 St. Santa Monica	Cal
Bon-De Electronic Labs. Inc., 2	361-363 Rantoul St. Beverly	Mass
CFI CORP., 1-2, Adv Pg 294	**Cottage Pl. Mineola**	**NY**

CARBORUNDUM CO. REFRACTORIES DIV., 1-2-3, Adv Pgs 104, 105	Perth Amboy	NJ
Carr Fastener Co. Div. United-Carr, 2	31 Ames St. Cambridge 42	Mass
Carvil Technical Ceramics Inc., 1-2-3	801-Z[illegible] Union City	NJ
CENTRALAB ELECTRONICS, DIV. GLOBE-UNION, INC., 1, Adv. Pgs. 376, 377	914Y E Keefe Ave. Milwaukee 1	Wis
Ceramseal, Inc., 1-3-4	P.O. Box 25, New Lebanon Center	NY
Ceramics Inc. Chemicals, 1-2-3	173 Ridge St. Newark 4	NJ
Cerberus AG, 1	Mannedorf, Switzerland	
Cerro Sales Corp., 2	300 Park Ave. New York 22	NY
Cooper Hewitt Electric Co. Inc., Div. Smith Fanning Inc., 1-2	732 Grand St. Hoboken	NJ
Culbertson Products Inc., 1-2	25 Sansom Ave, Madison	NJ
DAGE ELECTRIC CO., 2, Adv. Pgs. 382, 383, 384	67 N Second St. Beech Grove	Ind
Dechert Dynamics Corp., 1-2	Palmyra	Pa
Deutsch Co., Electronic Components Div., 2	Municipal Airport, Banning	Cal
ELECTRICAL INDUSTRIES DIV PHILIPS ELEC & PHARM IND CORP., 2, Adv Pg 147	691 Central Ave. Murray Hill	NJ
Electro-Ceramics, Inc., 1	2645 S 2nd W. Salt Lake City 15	Utah
Electro-Seal Corp., 2	946 North Ave. Des Plaines	Ill
Electronic Parts Mfg Co. Inc., 2	5[illegible]-10 29th St. Union City	NJ
Electronic Products Co., 1-2	111 E Third St, Mt. Vernon	NY
ELECTROSPACE CORP., 2-3, Adv Pg 378	99 E Hawthorne Ave. Valley Stream	NY
El-Tronics Inc., 2	20 S. 15th St, Philadelphia 2	Pa
Frenchtown Porcelain Co., 1-4	Frenchtown	NJ
FUSITE CORP., 2, Adv Pg 157	6000 Fernview Ave. Cincinnati 13	Ohio
GENERAL CERAMICS DIV. INDIANA GENERAL CORP., 1, Adv Pg 77	Keasbey	NJ
Gladding, McBean & Co., 1-2-3-4-5	1551 S Primrose St. Monrovia	Cal
Glass-Tite Industries, Inc., 1-2	725 Branch Ave, Providence 4	RI
Glasseal Products Co., Inc., 1-2	725 Commerce Rd, Linden	NJ
Greenfield Components Corp., 2	184 Shelburne St. Greenfield 16	Mass
Haveg Industries Inc., 1-2	900 Greenbank Rd. Wilmington 8	Del
Hermaseal Co., Inc., 2	1101 N. Main St, Elkhart	Ind
Hermetic Seal Corp., 1-2-3-4-5	29-37 S. Sixth St, Newark 7	NJ
Hermetite Corp., 1-2	100 Ladge Dr. Avon	Mass
Isotronics Inc., 1-2	Rte 46, Lodi	NJ
Kahl Scientific Instrument Corp., 2	737 W Main St. El Cajon	Cal
KAHLE ENGINEERING CO., 1-2-3-4-5 Adv Pg 98.	3322 Hudson St. Union City	NJ
Kimble Glass Sub. Owens-Illinois, 2	Box 1035, Toledo 1	Ohio
Litton Engineering Labs, 1-3	Box 949 Grass Valley	Cal
Marman Div., Aeroquip Corp	11214 Exposition Blvd. Los Angeles 64	Cal
Microtron Inc. Pyrometrics Div., 1-2-4	6 Manhasset Ave. Port Washington	NY
Microwave Associates, Inc., 2	Burlington	Mass
Minn-Honeywell, Ceramics Lab., 1	Box 440, Minneapolis 40	Minn
MITRONICS INC., 1-2, Adv Pg 548	132 Floral Ave. Murray Hill	NJ
Molecular Electronics Co., 1-2-4	71 Monroe St. Garfield	NJ
MYCALEX CORP. OF AMERICA, 1, Adv Pg 351	125 Clifton Blvd. Clifton	NJ
Mycalex Electronics Corp., 1	125 Clifton Blvd, Clifton	NJ
Networks Electronic Corp., 2-5	14806 Oxnard St. Van Nuys	Cal
Nu-Line Industries Inc., 1-3	1515 S 6th St. Minneapolis 4	Minn
PEK Labs, 1-2-3-4-5	4024 Transport St. Palo Alto	Cal
Pacific Universal Products Corp., 2	150 Vista Ave. Pasadena 8	Cal
Parker Seal Co. Div. Parker-Hannifin Corp., 1-2-3	10567 Jefferson Blvd. Culver City	Cal
Pemco Corp., 2	Eastern Ave. Baltimore	Md
Radiation Labs. Inc., 1	P.O. Box 454, Mineola	NY
Rectifier Laboratories, Inc., 1-2-3-4-5	2931 Nebraska Ave, Santa Monica	Cal
Reuter-Stokes Electronic Components, Inc., 1-4	2149 Hamilton Ave, Cleveland 14	Ohio
Rom Co., Milton, 2	239 Jacksonville Rd. Hatboro	Pa
SEAL-A-METIC CO. DIV. FILTORS INC., 1-2, Adv Pg 344	[illegible]	NJ
Sealtron Corp., 2	Reading Rd at Amity, Cincinnati 15	Ohio
Shaw Instrument Corp., 1-4	P.O. Box G-46, Latrobe	Pa
Silicone Seals, Inc., 6	314 Milwaukee Ave. Chicago 41	Ill
Sphere Co., Inc., The, 1	25 Amity St, Little Falls	NJ
Standard Tel. & Cables Ltd., 1-2-3	29 Glasshouse Yard, London	Eng
Steel Industries	Crawfordsville	Ind
Stoward Co. Inc., 1-2-3	4[illegible] N. Broad St. Philadelphia 8	Pa
Strat-O-Seal Mfg. Co.	3[illegible] W. Fullerton Ave, Chicago 47	Ill
Sylvania Electric Products Inc. Parts Div., 3	12 2nd Ave. Warren	Pa
Tec Mfg. Co., 2	12415 Johnson Dr, Shawnee	Kan
Thor Ceramics, Inc., 1	225 Belleville Ave. Bloomfield	NJ
Triad Transformer Corp., 1	4[illegible]55 Redwood Ave. Venice	Cal
TUNG-SOL ELECTRIC INC., 1-2-3, Adv Pgs 158, 159	1 Summer Ave. Newark 4	NJ
Twentieth Century Electronics Ltd., 1-2	King Henry's Dr. New Addington, Surrey	Eng
Uni-Seal, Inc., 2	477 North Ave. Garwood	NJ
United Aircraft Products, Inc., 1-2-3	1116 Bolander Ave. Dayton 1	Ohio
United Components Inc., 2	105 Lincoln Ave. Orange	NJ
United Products Co., 1-2-3	165 Franklin Ave. Nutley 10	NJ
Universal Match Corp. Armament Div., 2	472 Paul Ave. St Louis 35	Mo
VACTRONIC LAB. EQUIPMENT, INC., 1-2-3, Adv Pg 560	21 Mammoth Ct. East Northport	NY
Van Waters & Rogers Inc. Brown-Knecht-Heimann Div., 2	601 O'Neil Ave. Belmont	Cal
Vitramon Corp., 2	Vine & Rees Sts, Ridgway	Pa
Warren Components Div., El-Tronics, 2	S. Irvine St, Warren	Pa
Wiggins Oil Tool Co. Inc., E. B., 3	3424 E Olympic Blvd. Los Angeles 23	Cal
Zell Products Corp., 2	276-2[illegible]0 Main St, Norwalk	Conn

SEALS -*MECHANICAL*

1. CARBON
2. OIL
3. SILICONE RUBBER
4. SWITCH & CONTROL SHAFT

A. P. M. CORP., 3-4, Adv Pg 542	41 Honeck St. Englewood	NJ
Aero Bolt & Screw Co., 2-3	1017 Arbor Vitae, Inglewood	Cal
ALCO ELECTRONIC PRODUCTS, INC., 4, Adv Pg 548	3 Wolcott Ave. Lawrence 33	Mass
American Felt Co., 2-3	10 Glenville Rd, Glenville	Conn
Armstrong Cork Co., 2-3	Lancaster	Pa
Auburn Mfg. Co., The, 3	Pease Ave & Stack St, Middletown	Conn
Bacon Industries, Inc., 3	192 Pleasant St, Watertown 72	Mass
Becker Brothers Carbon Co., 1	3450 S. Laramie Ave, Cicero 50	Ill
Chicago-Allis Mfg. Co., 1-2-3-4	115 N Green St. Chicago	Ill
Cleveland Graphite Bronze Div. Clevite Corp., 1	17000 St. Clair Ave. Cleveland 10	Ohio
Connecticut Hard Rubber Co., 3	407 East St. New Haven 9	Conn
Emerson Plastics Corp., 2-4	1383 Seabury Ave. Bronx 61	NY
Engineering Science Div. Amer Metal Pdts Co., 1	2[illegible] S State St. Ann Arbor	Mich
Felt Products Mfg. Co., 2-3	7450 N. McCormick Blvd, Skokie	Ill
General Gaskets, Inc., 3	Middletown	Conn
Goodrich Aviation Products, B. F., Div. B. F. Goodrich Co., 3	Akron	Ohio
GRAPHITE METALLIZING CORP., 1, Adv Pg 273	1052 Nepperhan Ave. Yonkers	NY
Helwig Carbon Products, Inc., 1	2550 N 30th St. Milwaukee 10	Wis
Industrial Electronic Rubber Co., 3	31945 Aurora Rd. Solon	Ohio
Johns-Manville, 1-2-3-4	22 E 40 St. New York 16	NY
Koppers Co. Inc., 1	Koppers Bldg. Pittsburgh 19	Pa
Linear, Inc., 2-3-4	State Rd. & Levick St. Philadelphia 35	Pa
Minnesota Rubber Co., 2-3	3630 Wooddale Ave. Minneapolis 16	Minn
Minor Rubber Co. Inc., 2-3-4	40 Ackerman St. Bloomfield	NJ
Moxness Products Inc., 3	1916 Indiana St, Racine	Wisc
National Carbon Co., Div., UCC, 1	270 Park Ave, New York 17	NY
National Gasket & Washer Mfg. Co. Inc., 1-2-3	324 E 25 St. New York 10	NY
Ohio Carbon Co., 1	12508 Berea Rd, Cleveland 11	Ohio
Parker Seal Co., Div of Parker-Hannifin Corp., 2-3-4	10567 Jefferson Blvd, Culver City	Cal
Pelmor Laboratories, Inc., 3	401 Lafayette St. Newtown	Pa
Pure Carbon Co., 1	Wellsville St. St. Marys	Pa
Quadriga Mfg Co., 2	213 W Grand Ave. Chicago 10	Ill
Radio Frequency Labs., Inc., 4	Boonton 2	NJ
Roberts Toledo Rubber Co., 2	4141 Monroe St. Toledo	Ohio
Rubbercraft Corp of Calif., 3	1800 W 220 St. Torrance	Cal
St. Marys Carbon Co., 1-2	State Rt, St. Marys	Pa
Sealol, Inc., 1-2-3-4	Warwick Industrial Park, Providence 5	RI
Sierra Engineering Co., 3	123 E Montecito Ave. Sierra Madre	Cal
Silicone Insulation, Inc., 2-4	1385 Seabury Ave. Bronx 61	NY
Sphere Co., Inc., The, 3	25 Amity St, Little Falls	NJ
Stackpole Carbon Co., 1-2	201 Stackpole St. St. Marys	Pa
Stalwart Rubber Co., 3	160 Northfield Rd, Bedford	Ohio
Tanner Engineering Co., 2	1003 Santa Fe Ave. Los Angeles 21	Cal
TORWICO ELECTRONICS INC., 3, Adv Pgs 491, 492	Route 70, Lakewood	NJ
United Products Co., 3	165 Franklin Ave. Nutley 10	NJ
U.S. Graphite Co., Div., The Wickes Corp., 1-2	Saginaw 32	Mich
Vernay Labs. Inc., 3-4	Yellow Springs	Ohio

SELECTIVE CALLING APPARATUS See COMMUNICATION SYSTEMS

SELENIUM

Bram Metallurgical Chemical Co	820 65 Ave, Philadelphia 26	Pa
Delta Chemical Works	21 W 60th St. New York	NY
Green Rectifier Co	1-[illegible] 30th St, Fair Lawn	NJ
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Materials for Electronics Inc	152-25 138 Ave. Jamaica 34	NY
United Mineral & Chemical Corp	16 Hudson St. New York 13	NY

SELENIUM CELLS See CELLS -*PHOTOELECTRIC*
SELENIUM RECTIFIERS See RECTIFIERS
SELF-BALANCING BRIDGES See BRIDGES
SELF-BALANCING RECORDERS See RECORDERS -*GRAPHIC*
SELF-LOCKING NUTS See NUTS
SELSYNS See SYNCHROS
SEMICONDUCTING INTERMETALLIC MATERIALS See CRYSTALS -*SEMICONDUCTOR*: INTERMETALLICS
SEMICONDUCTOR BOATS & CRUCIBLES See BOATS
SEMICONDUCTOR CRYSTALS See CRYSTALS -*SEMICONDUCTOR*
SEMICONDUCTOR DOPES See ALLOYS -*SPECIAL PURPOSE: ARSENIC: ANTIMONY: ETC.*
SEMICONDUCTOR PRODUCTION MACHINES See MACHINES -*SEMICONDUCTOR CRYSTAL PRODUCTION*
SERVICES See
BRAZING: CALIBRATION: CIRCUITS -*PRINTED WIRING: CUSTOM*: COMPUTING: DATA-*PROCESSING*: ELECTROFORMING: ENCAPSULATION: ENGRAVING & PROFILING: FREQUENCY-MEASURING -*RADIO*: FUNGIPROOFING: HEAT-TREATING: LABORATORIES -*TESTING*: LAPPING & HONING: METALLIZING -*VACUUM*: MOISTUREPROOFING: PACKAGING: PLASTIC MOLDING: PLATING: SEALING -*HERMETIC*; SHIPPING: RADIATION APPLICATION: SILK-SCREEN PROCESSING: SOLDERING: SUBMINIATURIZATION: TECHNICAL WRITING: TINNING: TOWER SERVICE: WIRE-MARKING *FOR* MACHINING SERVICES See METAL PARTS *LISTINGS*

SERVICING -*MFRS EQUIPMENT*

Digital Service Labs	23922 Crenshaw Blvd. Torrance	Cal
Federal Electric Corp	299 Hwy. 17, Paramus	NJ

SERVO ACTUATORS See ACTUATORS -*SERVO*
SERVO AMPLIFIERS See AMPLIFIERS -*INSTRUMENTATION*: AMPLIFIERS -*MAGNETIC*
SERVO ANALYZERS See ANALYZERS -*SERVO*
SERVO CONTROLS See CONTROLS -*SERVO*

SERVOMECHANISMS

Advance Instrument Corp	F St. Delmar	NJ
Aerospace Controls	602 Colorado Ave. Santa Monica	Cal
Aircraft Armaments, Inc	Cockeysville	Md
American Electronics, Inc., Instrument Div	95[illegible] W. Jefferson Blvd, Culver City	Cal
American Measurement & Control Inc	24[illegible] Calvary St. Waltham 54	Mass
Atchley Div., Raymond	2339 Cotner Ave. Los Angeles 64	Cal
Bell Aerospace Corp	Box 1, Buffalo 5	NY
BENDIX CORP. MONTROSE DIV., 1, Adv Pg 372	South Montrose	Pa
Boonshaft & Fuchs, Inc	Hatboro Ind Park, Hatboro	Pa
BOWMAR INSTRUMENT CORP., Adv Pg 36	8000 Bluffton Rd. Ft Wayne	Ind
Canadian Research Institute	85 Curlew Dr. Don Mills	Ont
CLIFTON PRECISION PRODUCTS CO. INC., Adv. Pgs. 242, 243	Marple at Bwy. Clifton Heights	Pa
Computer Sciences, Inc	603 Main St. Westbury	NY
Concord Control, Inc	12[illegible] Soldiers Field Rd, Boston 35	Mass
Control Data Corp., Cedar Engr. Div	5[illegible] Park Ave, Minneapolis 15	Minn
Djordjevic Eng. Co	1933 N Damen, Chicago 47	Ill
DORSETT ELECTRONICS, INC., Adv Pg 299	Box 862, Norman	Okla
Dynex Industries Inc	170 Eileen Way, Syosset	NY
Eastern Industries	100 Skiff St. Hamden	Conn
Electrodynamic Instrument Corp	1841 Old Spanish Trail, Houston 25	Tex
Electromation Co	4254 Glencoe Ave, Venice	Cal
Elm Instrument Corp	30 Grasser St. Hempstead	NY
GB Electronics Corp. Sub. Gen Bronze Corp	711 Stewart Ave, Garden City	NY
GAP INSTRUMENT CORP., Adv Pg 484	5 Main St. Newtown	Conn
Gamex Corp. Industrial Div	12[illegible] Commerce Ave, Union	NJ
General Aniline & Film Corp., Ansco Div	Vestal Pkwy E., Binghamton	NY
General Electric Co. Ordnance Dept	100 Plastics Ave. Pittsfield	Mass
Giannini Controls Corp	[illegible] E. Mountain Ave, Duarte	Cal
Industrial Control Co	Central at Pinelawn, Farmingdale	NY
Instrument Systems Corp	129-07 18th Ave. College Point 56	NY
Jordan Controls, Inc	3225 W. Hampton, Milwaukee 9	Wisc
KEARFOTT DIV., GEN PRECISION INC., Adv Pg 394	Little Falls	NJ
Kinetic Instrument Corp	1070 L[illegible] St, Brooklyn 8	NY
Laboratory For Electronics, Inc	1079 Commonwealth Ave. Boston 15	Mass
Lear Inc	3171 S Bundy Dr. Santa Monica	Cal
Linear, Inc.	State Rd. & Levick St. Philadelphia	Pa
MacLaren & Co. Inc., F. B	15 Stepar Pl. Huntington Station	NY
Mason, Shaver & Rhoades Inc	Box 551, Irwin	Pa
Micro Gee Products, Inc	6319 W Slauson Ave. Culver City	Cal
Minn-Honeywell, Apnar Controls Div	2753 4th Ave. S, Minneapolis 8	Minn
Muirhead & Co., Ltd	Beckenham, Kent, England	
NORTH ATLANTIC INDUSTRIES INC., Adv Pg 344	Terminal Dr. Plainview	NY
Oilgear Co	1560 W. Pierce St, Milwaukee	Wisc
Oster Mfg Co. John, Avionics Div	1 N Main St. Racine	Wis
OVITRON CORP., Adv Pg 540	42-62 Johnes St. Newburgh	NY
Parker Seal Co. Div. Parker-Hannifin Corp	10567 Jefferson Blvd. Culver City	Cal
Pegasus Labs. Inc	3500 W 11 Mile Rd. Berkley	Mich
Philco Corp. Govt & Ind Div	4700 Wissahickon Ave. Phila 44	Pa
Precision Mechanisms Corp	577 Newbridge Ave, East Meadow	NY
Reeves Instrument Corp	Roosevelt Field, Garden City	NY
Remanco Inc	1805 Colorado, Santa Monica	Cal
Research, Inc	P.O. Box 6164, Edina Br, Mnnpls 24	Minn
Rockwell Engineering Co	2125 E 45th St. Indianapolis 5	Ind
Sciaky Bros, Inc	4915 W 67 St. Chicago 38	Ill
Servotronics, Inc	190 Gruner Rd, Buffalo 25	NY
Solatron Inc	128 Jackson St. Cambridge 40	Mass
Spectrol Electronics Corp	1704 S Del Mar, San Gabriel	Cal
Superior Mfg. & Instrument Co	36-07 20th Ave. Long Island City	NY
Telechrome Mfg Corp	185 Dixon Ave. Amityville	NY
Theta Instrument Corp	520 Victor St. Saddle Brook	NJ
VERNITRON CORP., Adv Pg 485	125 Old Country Rd. Carle Place	NY
Wright Machinery Co. Div. Sperry Rand Corp	Durham	NC

SERVO MOTORS See MOTORS
SERVO MULTIPLIERS See MULTIPLIERS -*COMPUTER*
SERVO REPEATERS See REPEATERS -*SERVO*
SERVOSYSTEM BREADBOARDS See BREADBOARDS -*SERVOSYSTEM*

SERVOSYSTEMS

Advance Instrument Corp	F St. Delmar	NJ
Advanced Research Associates, Inc	P.O. Box 68, Kensington	Md
Aerospace Controls	602 Colorado Ave. Santa Monica	Cal
Aircraft Armaments Inc	Cockeysville	Md
American Measurement & Control, Inc	24[illegible] Calvary St, Waltham 54	Mass
Armstrong Whitworth Equipment	Hucclecote, Gloucester	Eng
Astromics Div. Mitchell Camera Corp	666 W Harvard, Glendale 4	Cal
Atchley Div., Raymond	2339 Cotner Ave. Los Angeles 64	Cal
Bell Aerospace Corp	Box 1, Buffalo 5	NY
BENDIX CORP. MONTROSE DIV., Adv Pg 372	South Montrose	Pa
Boonshaft & Fuchs, Inc	Hatboro Ind Park, Hatboro	Pa
BOWMAR INSTRUMENT CORP., Adv Pg 36	8000 Bluffton Rd. Ft Wayne	Ind
Canadian Research Institute	85 Curlew Dr. Don Mills	Ont
CLIFTON PRECISION PRODUCTS CO. INC., Adv. Pgs. 242, 243	Marple at Bwy. Clifton Heights	Pa
CompuDyne Corp	400 S. Warminster Rd, Hatboro	Pa
Concord Control, Inc	1282 Soldiers Field Rd, Boston 35	Mass
Cook Technological Center	64[illegible] Oakton St, Morton Grove	Ill
Djordjevic Engrg Co	1933 N. Damen, Chicago 47	Ill
Eastern Industries	100 Skiff St. Hamden	Conn
Electrodynamic Instrument Corp	1841 Old Spanish Trail, Houston 25	Tex
Electromation Co	4254 Glencoe Ave, Venice	Cal
Fairfield Controls Inc	114 Manhattan St. Stamford	Conn
GB Electronics Corp. Sub. Gen Bronze Corp	711 Stewart Ave. Garden City	NY
GAP INSTRUMENT CORP., Adv Pg 484	5 Main St. Newtown	Conn
General Electric Co. Ordnance Dept	100 Plastics Ave, Pittsfield	Mass
Giannini Controls Corp	[illegible] S. Mountain Ave, Duarte	Cal
Industrial Control Co	Central at Pinelawn, Farmingdale	NY
Instrument Systems Corp	129-07 18th Ave. College Point 56	NY
Jordan Controls, Inc	3225 W. Hampton, Milwaukee 9	Wisc
KEARFOTT DIV., GEN PRECISION INC., Adv Pg 394	Little Falls	NJ
Laboratory For Electronics, Inc	1079 Commonwealth Ave. Boston 15	Mass
Lear Inc	3171 S Bundy Dr. Santa Monica	Cal
Linear, Inc.	State Rd. & Levick St. Philadelphia	Pa
MacLaren & Co. Inc., F. B	15 Stepar Pl. Huntington Station	NY
Micro Gee Products, Inc	6319 W Slauson Ave. Culver City	Cal
Minn-Honeywell, Apnar Controls Div	2753 4th Ave. S, Minneapolis 8	Minn
Muirhead & Co., Ltd	Beckenham, Kent, England	
NORTH ATLANTIC INDUSTRIES INC., Adv Pg 344	Terminal Dr. Plainview	NY
Oilgear Co	1560 W. Pierce St, Milwaukee	Wisc
Oster Mfg Co., John, Avionics Div	1 N Main St. Racine	Wis
OVITRON CORP., Adv Pg 540	42-62 Johnes St. Newburgh	NY
Parker Seal Co. Div. Parker-Hannifin Corp	10567 Jefferson Blvd. Culver City	Cal
Pegasus Labs. Inc	3500 W 11 Mile Rd. Berkley	Mich
Philco Corp., Gov't & Ind'l Div	4700 Wissahickon Ave, Philadelphia 44	Pa
RMS Associates, Inc	805 Mamaroneck Ave. Mamaroneck	NY
Reeves Instrument Corp	Roosevelt Field, Garden City	NY
Remanco Inc	1805 Colorado, Santa Monica	Cal
Research, Inc	P.O. Box 6164, Edina Br, Mnnpls 24	Minn
Rucker Co	4700 San Pablo Ave. Oakland 8	Cal
Sciaky Bros, Inc	4915 W 67 St. Chicago 38	Ill
Servomex Controls Ltd	Crowborough, Sussex, England	
Servonics, Inc	822 N. Henry St, Alexandria	Va
Servotronics, Inc	190 Gruner Rd, Buffalo 25	NY
Solitron Inc	128 Jackson St. Cambridge 40	Mass
Spectrol Electronics Corp	1704 S Del Mar, San Gabriel	Cal
Superior Mfg. & Instrument Co	36-07 20th Ave. Long Island City	NY
Telechrome Mfg Corp	185 Dixon Ave. Amityville	NY
T[illegible]ey Engineering Inc	1090 Springfield Rd. Union	NJ
Theta Instrument Corp	520 Victor St. Saddle Brook	NJ

White Avionics Corp ... Terminal Rd. Plainview ... NY
Wright Machinery Co. Div. Sperry Rand Corp ... Durham ... NC

SERVO TESTERS See TESTERS -SERVO
SERVO VALVES See VALVES -SERVO
SETUPS -BENCH TEST See BENCH TEST SETUPS
SFERICS ANALYZERS See ANALYZERS -ATMOSPHERIC INTERFERENCE
SHAFT COUPLINGS See COUPLINGS -SHAFT
SHAFT LOCKS See LOCKS -SHAFT
SHAFT POSITION ENCODERS See ENCODERS

SHAFTS -FLEXIBLE

Actuator Products, Div of Geartronics Corp ... 34 Nashua St, Woburn ... Mass
Glenair, Inc. ... 1211 Airway, Glendale ... Cal
Johnson Co., E.F. ... Waseca ... Minn
Lear Inc ... 3171 S Bundy Dr. Santa Monica ... Cal
Parker Seal Co. Div. Parker-Hannifin Corp ... 10567 Jefferson Blvd. Culver City ... Cal
Smith, Inc. Herman H. ... 2326 Nostrand Ave. Brooklyn 10 ... NY
Stewart Corp., F. W. ... 4311-13 N Ravenswood Ave. Chicago 13 ... Ill
Stow Mfg. Co ... 101 Shear St, Binghamton ... NY
White Dental Mfg. Co., S.S. ... 10 E. 40 St, New York 16 ... NY

SHAKE TABLES See VIBRATORS (SHAKE TABLES)
SHAPED BEAM TUBES See TUBES -CATHODE-RAY
SHEET METAL See METAL DESIRED

SHELLS -ENCAPSULATING, RESIN (Incl. EPOXY)

Biggs Co. Inc. Carl H ... Dept EB, 1547 14 St. Santa Monica ... Cal
Boonton Molding Co ... Boonton ... NJ
Cycle Products Co. Inc ... 123 Central Ave. Newark 2 ... NJ
Electronic Service Corp ... 2411 Birch St, Franklin Park ... Ill
Emerson & Cuming, Inc ... 869 Washington St. Canton ... Mass
Emerson Plastics Corp ... 1353 Seabury Ave. Bronx 61 ... NY
EPOXY PRODUCTS, DIV JOS WALDMAN & SONS, Adv Pg 337 ... **133 Coit St. Irvington** ... **NJ**
J-B Electronics Inc ... 2340 E. Elvira Rd, Tucson ... Ariz
Lawrence Adhesive & Chemical Co. Inc ... 19 S Canal St. Lawrence ... Mass
Magic Chemical Co ... 121 Crescent St. Brockton ... Mass
Nemo Labs, Inc ... 8 Lawrence St. Belleville 7 ... NJ
Plastronic Engineering Co ... 721 Boston Post Rd, Marlborough ... Mass
RESDEL CORP Adv Pg 519 ... **P.O. Box 217, Rio Grande** ... **NJ**
Ross Co., Milton ... 239 Jacksonville Rd, Hatboro ... Pa
Silicone Insulation, Inc ... 1335 Seabury Ave. Bronx 61 ... NY
Tanner Engineering Co ... 1003 Santa Fe Ave. Los Angeles 21 ... Cal
Topper Mfg Co. Inc ... 84-56 Parsons Blvd. Jamaica 32 ... NY
U. S. Dielectric Products, Inc ... 98 Adams St. Leominster ... Mass
Wells Electronics Co ... 1701 S Main St. South Bend 23 ... Ind

SHELLS -METAL See CANS

SHELTERS -ELECTRONIC EQUIPMENT, AIR-TRANSPORTABLE

Ace Engineering & Machine Co. Inc ... Tomlinson Rd. Huntingdon Valley ... Pa
Craig Systems, Inc ... 360 Merrimack, Lawrence ... Mass
Lyncoach & Truck Co. Inc ... Oneonta ... NY
Parker Seal Co. Div. Parker-Hannifin Corp ... 10567 Jefferson Blvd. Culver City ... Cal
Philco Corp. Govt & Ind Div ... 4700 Wissahickon Ave. Phila 44 ... Pa
Specialty Electronics Development Corp ... Eileen Way, Syosset ... NY
Wells Industries Co ... 6880 Troost Ave. Hollywood ... Cal
York-Hoover Corp ... York ... Pa

SHIELDED CABLES See CABLES -SHIELDED
SHIELDED ENCLOSURES & SCREEN ROOMS See CHAMBERS -ENVIRONMENTAL TEST
SHIELDED SHIPPING BOXES See BOXES -SHIPPING
SHIELDED WIRE See WIRE

SHIELDING

1. ELECTROSTATIC, METAL SHEET OR SCREEN
2. MAGNETIC, FERRITE
3. MAGNETIC, SHEETS OR STRIPS
4. MAGNETIC, CANS OR HOUSINGS
5. NUCLEAR RADIATION
6. WIRE, BRAIDED (Incl. IGNITION)

Air Control, Inc., 5 ... 450 Narberth Ave, Narberth ... Pa
Airtron, Div of Litton Industries, 6 ... 200 E. Hanover Ave, Morris Plains ... NJ
Allegheny Ludlum Steel Corp., 1-2-3-4 ... 2020 Oliver Bldg. Pittsburgh 22 ... Pa
Allied Engineering & Production Corp., 5 ... 2421 Blanding Ave. Alameda ... Cal
Alpha Metals, Inc., 5 ... 600 Water St, Jersey City ... NJ
ALPHA WIRE CORP., 1-6, Adv Pg 246 ... **200 Varick St. New York 14** ... **NY**
American Aluminum Co., 4 ... 230 Sheffield St. -C, Mountainside ... NJ
American Electric Cable Co., 6 ... 183 Appleton St, Holyoke ... Mass
American Smelting & Refining Co., 5 ... 120 Broadway, New York 5 ... NY
Anaconda American Brass Co., 1 ... 414 Meadow St. Waterbury 20 ... Conn
Arnold Engineering Co. Pacific Div., 3-4 ... 1551 E Orangethorpe Ave. Fullerton ... Cal
Atomic Accessories Inc., 5 ... 811 W. Merrick Rd, Valley Stream ... NY
Baird-Atomic, Inc., 5 ... 33 University Rd, Cambridge 38 ... Mass
Bar-Ray Products, Inc., 5 ... 213 25 St, Brooklyn 32 ... NY
Belmont Smelting & Refining Works, 1 ... 332 Belmont Ave. Brooklyn 7 ... NY
BIRNBACH RADIO CO. INC., 6, Adv Pg 529 ... **145 Hudson St. New York 13** ... **NY**
Bram Metallurgical Chemical Co., 1 ... 820 65 Ave. Philadelphia 26 ... Pa
Breeze Corps., Inc., 6 ... 700 Liberty Ave, Union ... NJ
Brooks & Perkins, Inc., 5 ... 1950 W. Fort St, Detroit 16 ... Mich
Caramco Inc. Chemists, 5 ... 173 Ridge St. Newark 4 ... NJ
COLUMBIA WIRE & SUPPLY CO., 6, Adv Pg 478 ... **2850 Irving Park Rd. Chicago 18** ... **Ill**
Consolidated Wire & Associated Cos., 6 ... 1635 S Clinton St. Chicago 16 ... Ill
Controlled Atmosphere Enclosures Mfg. Co., 5 ... 1061 E. 8th St, Jacksonville 6 ... Fla
Co-Operative Industries, Inc., 6 ... 100 Oakdale Rd, Chester ... NJ
Copperweld Steel Co. Flexo Wire Div., 6 ... 70 W 1st St. Oswego ... NY
Crowley Div. Smith Corp., A. O., 2 ... 1 Central Ave. W Orange ... NJ
Division Lead Co., 5 ... 7742 W. 61st Pl, Summit ... Ill
Emerson & Cuming, Inc., 5 ... 869 Washington St. Canton ... Mass
Engineering Science Div Allied Metal Pdts Co., 5 ... 2601 S State St. Ann Arbor ... Mich
Fansteel Metallurgical Corp., 5 ... 2200 Sheridan, N. Chicago ... Ill
General Dynamics/Electronics, Info Tech Div., 4 ... 1895 Hancock St. San Diego 12 ... Cal
Hallett Mfg Co., 1-6 ... 5910 Bowcroft St. Los Angeles 16 ... Cal
Henry & Miller Industries, Inc., 4 ... 675 Garfield Ave, Jersey City 5 ... NJ
High Temperature Materials, Inc., 5 ... 31 Antwerp St. Brighton 35 ... Mass
Hudson Tool & Die Co., Inc., 4 ... 18 Malvern St, Newark 6 ... NJ
Instrument Specialties Co., Inc., 1 ... 254 Bergen Blvd, Little Falls ... NJ
Jan Hardware Mfg Co. Inc., 3-4 ... 38-01 Queens Blvd. Long Island City 1 ... NY
Kinetron Corp., 1-4 ... Shrewsbury & Patterson, Red Bank ... NJ
KRYSTINEL CORP., 2 Adv Pg 519 ... **Box 6, Fox Island Rd. Port Chester** ... **NY**
Kuhlman Mfg. Corp., 6 ... 398 State St, Binghamton ... NY
Lindgren & Associates, Erik A., 1 ... 4515 N Ravenswood Ave. Chicago 40 ... Ill
A.D. Mackay, Inc., 5 ... 198 Broadway, New York 38 ... NY
MAGNETIC SHIELD DIV. PERFECTION MICA CO., 3-4 Adv Pg 35 ... **1320 N. Elston Ave. Chicago 22** ... **Ill**
MAGNETICS INC., 4, Adv Pg 463 ... **Butler** ... **Pa**
Metal Textile Corp., Div of General Cable Corp., 1 ... 647 E. First Ave, Roselle ... NJ
Millen Mfg. Co., James, 4 ... 150 Exchange St, Malden ... Mass
Minicord Corp. of America, 3-4 ... 1913 Atlantic Ave. Atlantic City ... NJ
NATIONAL LEAD CO., 5, Adv Pg 557 ... **111 Broadway, New York 6** ... **NY**
National Wire & Cable Corp., 6 ... 136 San Fernando Rd. Los Angeles 31 ... Cal
New England Electrical Works, Inc., 6 ... 365 Main St, Lisbon ... NH
Newark Wire Cloth Co., 1 ... 353 Verona Ave, Newark ... NJ
Nuclear Measurements Corp., 5 ... 2463 N Arlington Ave. Indianapolis 18 ... Ind
Olympic Products Co., Inc., 4 ... Third Ave, Alpha ... NJ
Paul & Beekman, Inc., 4 ... 1801 Courtland St, Philadelphia 40 ... Pa
Permali Inc., 5 ... Box 718, Mt. Pleasant ... Pa
Radiation Instrument Devel Labs Inc., 5 ... 61 E North Ave. Northlake ... Ill
Radiation Technology, Inc., 5 ... 657 Antone St. NW Atlanta 18 ... Ga
Ray Proof Corp., 1-5 ... 843 Canal St. Stamford ... Conn
Rimak Electronics Inc., 1-2-3-4 ... 10929 Vanowen St. N Hollywood ... Cal
Schuyler Mfg. Corp., 1-5 ... 84 Porete Ave, North Arlington ... NJ
Shawmut Engineering Co., 4 ... 195 Freeport St. Boston ... Mass
SHIELDING INC., 1, Adv Pg 307 ... **Box 33, Riverton** ... **NJ**
Sperry Microwave Electronics Co., 2 ... Box 1828, Clearwater ... Fla
Stark Electronic Instruments Ltd., 1 ... Box 670, Ajax ... Ont
Staver Co. Inc., 4-5 ... 41 N Saxon Ave. Bay Shore ... NY
SURPRENANT MFG CO., 6, Adv Pg 477 ... **Clinton** ... **Mass**
Technical Wire Products, Inc., 1 ... 129 Dermody St. Cranford ... NJ
Topatron, Inc., 1-4-5 ... 11601 Anabel Ave. Garden Grove ... Cal
United Products Co., 3 ... 165 Franklin Ave. Nutley 10 ... NJ
U. S. Nuclear Corp., 5 ... 801 N. Lake St. Burbank ... Cal
Universal Toroid Coil Winding Inc., 1 ... 171EB Coit St. Irvington 11 ... NY
VECTOR ELECTRONIC CO., 4, Adv Pg 544 ... **1100 Flower St. Glendale 1** ... **Cal**
Welcraft Products Co. Inc., 6 ... New Carlisle ... Ind
Westinghouse-Micarta Div., 5 ... Hampton ... SC
Zippertubing Co., 1-3 ... 13000 S Broadway, Los Angeles 61 ... Cal

SHIELDS -COIL

Cambridge Thermionic Corp ... 445 Concord Ave, Cambridge 38 ... Mass
Crowley Div. Smith Corp., A. O ... 1 Central Ave. W Orange ... NJ
Genex Corp. Industrial Div ... 1200 Commerce Ave. Union ... NJ
Hallet Mfg. Co ... 5910 Bowcroft St, Los Angeles ... Cal
I. E. Manufacturing ... 3041 Carroll, Chicago 12 ... Ill
Jan Hardware Mfg. Co., Inc ... 38-01 Queens Blvd, Long Island City 1 ... NY
Kinetron Corp ... Shrewsbury & Patterson, Red Bank ... NJ
MAGNETICS INC., Adv Pg 463 ... **Butler** ... **Pa**
Millen Mfg. Co., James ... 150 Exchange St, Malden ... Mass
Miller Co., J.W. ... 5917 S Main St. Los Angeles 3 ... Cal
Mirro Aluminum Co ... 1512 Washington St. Manitowoc ... Wis
Paul & Beekman, Inc ... 1801 Courtland St, Philadelphia 40 ... Pa
Staver Co., Inc ... 41 N. Saxon Ave, Bay Shore ... NY
Wells Electronics Co ... 1701 S Main St. South Bend 23 ... Ind

SHIELDS -LAMP, PANEL PILOT & DIAL

Amatom Electronic Hardware Co. Inc ... 88 Drake Ave. New Rochelle ... NY
Genex Corp. Industrial Div ... 1200 Commerce Ave. Union ... NJ
Paul & Beekman, Inc ... 1801 Courtland St, Philadelphia 40 ... Pa
Rimak Electronics Inc ... 10929 Vanowen St, N Hollywood ... Cal
Smith, Inc., Herman H. ... 2326 Nostrand Ave, Brooklyn 10 ... NY
Staver Co., Inc ... 41 N. Saxon Ave, Bay Shore ... NY

SHIELDS -LEAD See SHIELDING -NUCLEAR RADIATION

SHIELDS -TRANSFORMER

Genex Corp. Industrial Div ... 1200 Commerce Ave. Union ... NJ
Heldor Electronics Mfg. Corp ... 238 Lewis St. Paterson ... NJ
Hudson Tool & Die Co., Inc ... 18 Malvern St, Newark 6 ... NJ
I. E. Manufacturing ... 3041 Carroll, Chicago 12 ... Ill
Jan Hardware Mfg. Co., Inc ... 38-01 Queens Blvd, Long Island City 1 ... NY
Kinetron Corp ... Shrewsbury & Patterson, Red Bank ... NJ
Kling Metal Spinning Co ... 247 Centre St, New York ... NY
Magnetic Metals Co ... Hayes Ave at 21 St, Camden ... NJ
MAGNETIC SHIELD DIV. PERFECTION MICA CO Adv Pg 35 ... **1322 N. Elston Ave, Chicago 22** ... **Ill**
MAGNETICS INC., Adv Pg 463 ... **Butler** ... **Pa**
Rimak Electronics Inc ... 10929 Vanowen St. N Hollywood ... Cal
Staver Co. Inc ... 41 N Saxon Ave. Bay Shore ... NY
UNITED TRANSFORMER CORP., Adv Pg 2nd Cover 1, 2 ... **150 Varick St. New York 13** ... **NY**
Wells Electronics Co ... 1701 S Main St. South Bend 23 ... Ind

SHIELDS -TUBE

1. CATHODE-RAY TUBE, INSULATING
2. CATHODE-RAY TUBE MAGNETIC
3. ELECTROSTATIC
4. HEAT-DISSIPATING

Allegheny Ludlum Steel Corp., 1-2-3 ... 2020 Oliver Bldg. Pittsburgh 22 ... Pa
American Aluminum Co., 2 ... 230 Sheffield St. -C, Mountainside ... NJ
Arnold Engineering Co. Pacific Div., 2 ... 1551 E Orangethorpe Ave. Fullerton ... Cal
Atlee Corp. Atlee Components Div., 4 ... 8220 Lankershim Blvd. N Hollywood ... Cal
Atlee Corp. Atlas Div., 4 ... 47 Prospect St. Woburn ... Mass
AUGAT BROS. INC., 4, Adv Pg 112 ... **33 Perry Ave. Attleboro** ... **Mass**
BIRTCHER CORP., 4, Adv Pg 489 ... **4371 Valley Blvd. Los Angeles 32** ... **Cal**
CINCH MFG. CO., 4, Adv Pg 296, 297 ... **1026 S Homan Ave. Chicago 24** ... **Ill**
Eby Co., Hugh H., 4 ... 4701 Germantown Ave, Philadelphia 44 ... Pa
Elco Corp., 4 ... M St Below Erie Ave. Philadelphia 24 ... Pa
Eugene Engineering Co. Inc., 4 ... 1217 Hyde Park Ave. Hyde Park 36 ... Mass
Fansteel Metallurgical Corp., 4 ... 2200 Sheridan Rd. N Chicago ... Ill
Genex Corp. Industrial Div., 1 ... 1200 Commerce Ave. Union ... NJ
General Dynamics/Electronics, Info Tech Div., 2 ... 1895 Hancock St. San Diego 12 ... Cal
Henry & Miller Industries, Inc., 1-2-3-4 ... 675 Garfield Ave, Jersey City 5 ... NJ
IERC Div. Intl. Electronic Research Corp., 3-4 ... 135 W Magnolia Blvd. Burbank ... Cal
Jan Hardware Mfg. Co., Inc., 2-3-4 ... 38-01 Queens Blvd, Long Island City 1 ... NY
Livingston Electronic Corp., 3-4 ... Livingston 3 ... NJ
Magnetic Metals Co., 2 ... Hayes Ave at 21 St, Camden ... NJ
MAGNETIC SHIELD DIV., PERFECTION MICA CO., 2 Adv Pg 35 ... **1320 N. Elston Ave, Chicago 22** ... **Ill**
MAGNETICS INC., 2, Adv Pg 463 ... **Butler** ... **Pa**
Metal Textile Corp., Div of General Cable Corp., 4 ... 647 E. First Ave, Roselle ... NJ
METHODE MFG. CORP., 4 Adv Pgs 458, 459 ... **7447 W. Wilson Ave. Chicago 31** ... **Ill**
Millen Mfg. Co., James, 2 ... 150 Exchange St. Malden ... Mass
Rimak Electronics Inc., 1-2 ... 10929 Vanowen St. N Hollywood ... Cal
Schuyler Mfg. Corp., 4 ... 84 Porete Ave, North Arlington ... NJ
Staver Co. Inc., 4 ... 41 N Saxon Ave. Bay Shore ... NY
Technical Wire Products, Inc., 4 ... 129 Dermody St. Cranford ... NJ
WATERMAN PRODUCTS CO. INC., 2, Adv Pg 186 ... **2445 Emerald St. Philadelphia 25** ... **Pa**

SHIFTERS -PHASE

1. A-F 2. R-F 3. MICROWAVE

AC Electronics, Inc., 1 ... 11725 Mississippi Ave. Los Angeles 25 ... Cal
AD-YU ELECTRONICS LAB. INC., 1-2-3, Adv Pg 522 ... **249-259 Terhune Ave. Passaic** ... **NJ**
Airtec Inc., 3 ... 139 E First Ave. Roselle ... NJ
Airtron, Div of Litton Industries, 3 ... 200 E. Hanover Ave, Morris Plains ... NJ
ALFORD MFG. CO., 2, Adv Pg 78 ... **299 Atlantic Ave. Boston** ... **Mass**
ANTENNA SYSTEMS, INC., 3, Adv Pg 428 ... **Hingham Industrial Center, Hingham** ... **Mass**
ARRA CORP., 3, Adv Pg 498 ... **27 Bond St. Westbury** ... **NY**
Bogart Mfg. Corp., 2-3 ... 315 Seigel St, Brooklyn 6 ... NY
CWS Waveguide Corp., 3 ... 301 W Hoffman Ave. Lindenhurst ... NY
Canadian Marconi Co., 3 ... 2444 Trenton Ave. Montreal ... Que
Canoga Div., Underwood Corp., 3 ... 15330 Oxnard St, Van Nuys ... Cal
Caswell Electronics Corp., 3 ... 414 Queens La, San Jose 12 ... Cal
Chadwick Helmuth Co., 1 ... 472 E. Duarte Rd, Monrovia ... Cal
Coax Devices, 3 ... Box V, Chelsea 50 ... Mass
COMMUNICATION ACCESSORIES CO., 1, Adv Pg 79 ... **Hwy. 50 & 71 By Pass, Lee's Summit** ... **Mo**
CONTROL ELECTRONICS CO. INC., 1-2-3, Adv Pg 444 ... **10 Stepar Pl. Huntington Sta** ... **NY**
CUSTOM COMPONENTS INC., 3, Adv Pg 396 ... **Box 248, Caldwell** ... **NJ**
DeMORNAY-BONARDI CORP., 3, Adv. Pgs. 178, 179 ... **780 S Arroyo Pkwy. Pasadena** ... **Cal**
Diamond Antenna & Microwave Corp., 2-3 ... River St, Winchester ... Mass
Diehl Mfg. Co., 1-2 ... 1129 Finderne Ave. Somerville ... NJ
Dielectric Products Engrg. Co. Inc., 2-3 ... Raymond ... Me
Don-Lan Electronics Inc., 3 ... 1131 Olympic Blvd. Santa Monica ... Cal
DOUGLAS MICROWAVE CO. INC., 3, Adv Pg 235 ... **252 E 3rd St. Mt Vernon** ... **NY**
Dytronics, 1-2 ... P.O. Box 3675, Columbus 14 ... Ohio
E & M Laboratories, 3 ... 15145 Califa St. Van Nuys ... Cal
EMI/US Ltd., 3 ... 1750 N Vine St. Los Angeles 28 ... Cal
FXR INC., 3, Adv Pgs 100, 101 ... **25-26 50th St. Woodside 77** ... **NY**
FERROTEC, INC., 3, Adv Pg 496 ... **217 California St. Newton 58** ... **Mass**
Frequency Standards Div. Harvard Industries Inc., 3 ... Box 504, Asbury Park ... NJ
General Microwave Corp., 3 ... 47 Gazza Blvd. Farmingdale ... NY
Gombos Co., Inc., John, 3 ... Webro Rd, Clifton ... NJ
Gorham Electronics Div. Gorham Corp., 3 ... 333 Adelaide Ave. Providence 7 ... RI
Grason-Stadler Corp., 1 ... Electronics Park, West Concord ... Mass
HEWLETT-PACKARD CO., 3, Adv. Pgs. 19-34 ... **1501 Page Mill Rd. Palo Alto** ... **Cal**
Hughes Microwave Components Div., 3 ... Florence & Teale, Culver City ... Cal
INDUSTRIAL TEST EQUIPMENT CO., 1, Adv Pg 422 ... **55 E 11th St. New York 3** ... **NY**
Instrument Corp. of Florida, 1-2 ... Box 1226, Melbourne ... Fla
INTERELECTRONICS CORP., 1, Adv Pg 521 ... **2432 Grand Concourse, New York 58** ... **NY**
JFD ELECTRONICS CORP., 1, Adv Pgs 406, 407 ... **6101 16th Ave. Brooklyn 4** ... **NY**
KEARFOTT DIV., GEN PRECISION INC., 3, Adv Pg 394 ... **Little Falls** ... **NJ**
Kearfott Div. Gen. Precision Inc. Microwave Prods., 3 ... 14844 Oxnard St. Van Nuys ... Cal
Knopp, Inc., 1-2 ... 1307 66 St, Oakland 8 ... Cal
LIECO INC., 3, Adv Pg 398 ... **150 Eileen Way, Syosset** ... **NY**
M.C.S. Corp., 3 ... 1001 S Mountain Ave, Monrovia ... Cal
MARCONI INSTRUMENTS, 1-2 Adv Pgs 401, 402 ... **111 Cedar La, Englewood** ... **NJ**
Martin Co., 3 ... Mail No. G3037, Baltimore 3 ... Md
Maxson Electronics Corp., 1-3 ... 475 10th Ave. New York 18 ... NY
Merrimac Research & Dev. Inc., 3 ... 517 Lyons Ave, Irvington ... NJ
Metcom, Inc., 3 ... 76 Lafayette St. Salem ... Mass
Microdot, Inc., 3 ... 220 Pasadena Ave. South Pasadena ... Cal
MICROLAB, 3, Adv Pg 356 ... **570 W Mt. Pleasant Ave. Livingston** ... **NJ**
Microtech, Inc., 3 ... Milldale Rd, Cheshire ... Conn
Microwave Associates, Inc., 3 ... Burlington ... Mass
MICROWAVE CORP. OF AMERICA, 2-3, Adv Pg 462 ... **P.O. Box 278, Stamford** ... **Conn**
Microwave Dynamic Corp., 3 ... 5 Fairchild Ct. Plainview ... NY
N. R. K. Microwave Div. Cook Electric Co., 3 ... 4601 W Addison St. Chicago 41 ... Ill
Orion Electronic Corp., 1-2 ... 108 Columbus Ave. Tuckahoe ... NY
PORTCHESTER INSTRUMENT CORP., 3, Adv Pg 468 ... **114 Wilkins Ave. Port Chester** ... **NY**
Precision Microwave Corp., 3 ... Main St, Millis ... Mass
PREMIER MICROWAVE CORP., 3, Adv Pg 469 ... **33 New Broad St. Port Chester** ... **NY**
R.L.C. Electronics, Inc., 3 ... 805 Mamaroneck Ave. Mamaroneck ... NY
Radio Engineering Labs. Inc., 2 ... 29-01 Borden Ave. Long Island City 1 ... NY
Rantec Corp., 3 ... 23999 Ventura Blvd. Calabasas ... Cal
RAYTHEON CO. SPEC MICROWAVE DEV OPER., 3, Adv Pgs 38, 39 ... **Waltham Industrial Park, Waltham 54** ... **Mass**
Reeves Instrument Corp., 1-2 ... Roosevelt Field, Garden City ... NY
Sage Laboratories, Inc., 3 ... 3 Huron Dr, Natick ... Mass
SANBORN CO., 1, Adv Pgs 300, 301 ... **175 Wyman St. Waltham 54** ... **Mass**
Solartron, Inc., 1 ... 1742 S. Zeyn St, Anaheim ... Cal
Space Electronics Corp., 2 ... 930 Air Way, Glendale 1 ... Cal
Sperry Microwave Electronics Co., 3 ... Box 1828, Clearwater ... Fla
Straza Industries, 1 ... 790 Greenfield Dr. El Cajon ... Cal
TRG Inc., 3 ... 9 Union Sq. Somerville ... Mass
TECHNOLOGY INSTRUMENT CORP. OF ACTON, 1-2, Adv Pgs 84, 85 ... **536 Main St. Acton** ... **Mass**
Theta Instrument Corp., 1-2 ... 520 Victor St. Saddle Brook ... NJ
Turbo Machine Co., 3 ... 840 W. Main St, Lansdale ... Pa
United Shoe Machinery Corp., 3 ... 140 Federal St. Boston ... Mass
Victor R.F. & Microwave Co., 3 ... 38 W Water St. Wakefield ... Mass
Waveline, Inc., 3 ... P.O. Box 718, Caldwell ... NJ
Westinghouse-Instrument Dept., 1 ... Newark ... NJ
Wintronics ... 213 S Hawthorne Blvd. Hawthorne ... Cal

SHIFT REGISTERS See REGISTERS -SHIFT
SHIPPING BOXES See BOXES
SHIPPING CONTAINERS See PACKAGING MATERIALS -CONTAINERS

SHIPPING SERVICES

Aero Mayflower Long Distance Movers	863 Massachusetts Ave. Indianapolis	Ind
Aero Mayflower Transit Co. Inc	863 Massachusetts Ave. Indianapolis	Ind
Air France	683 5th Ave. New York 22	NY
Allied Van Lines	252 Roosevelt Rd. Broadview	Ill
Bekins Van Lines	1335 S Figueroa St. Los Angeles 15	Cal
Delta Air Lines	Atlanta Airport, Atlanta	Ga
North American Van Lines Inc	500 5th Ave. New York 17	NY
Railway Express, Air Express Div	219 E 42 St. New York 17	NY
United Air Lines	5959 S Cicero, Chicago 38	Ill
United Van Lines Inc	600 Ridge Rd. North Arlington	NJ

SHOCK MOUNTS See MOUNTS–*VIBRATION & SHOCK*
SHOCK RECORDERS See RECORDERS–*SHOCK*
SHOCK-TESTING MACHINES See MACHINES–*SHOCK-TESTING*
SHOCK-THERAPY EQUIPMENT See ELECTROSHOCK THERAPY EQUIPMENT

SHORAN SYSTEMS

Minn-Honeywell, Military Prods Gr	2600 Ridgway Rd. Minneapolis 13	Minn
Radio Corp. of America, Defense Electronic Prods.	Bldg. 15-2 Camden	NJ

SHORTED-TURN INDICATORS See INDICATORS–*SHORTED-TURN*
SHORTS–*WAVEGUIDE, MOVABLE* See TUNERS–*MICROWAVE*
SHORT-WAVE CONVERTERS See CONVERTERS–*SIGNAL*

SHUNTS–*METER*

Control Devices, Inc	925 S Eton Rd. Birmingham	Mich
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
GRAY INSTRUMENT CO., Adv Pg 480	**448 Mill Rd. Andalusia**	**Pa**
HEWLETT-PACKARD CO., Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
Janco Corp	3111 Winona Ave, Burbank	Cal
Ram Meter, Inc	1100 Hilton Rd, Detroit 20	Mich
RIXON ELECTRONICS INC., Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
Sangamo Electric Co	1201 N. 11 St. Springfield	Ill
Sunshine Scientific Instrument	1810 Grant Ave. Philadelphia 15	Pa
Wac Line, Inc	35 S. St. Clair St, Dayton 2	Ohio
Westinghouse Instrument Dept	Newark	NJ

SHUTTERS–*KERR CELL*

A.D. Mackay, Inc	198 Broadway, New York 38	NY

SIGNAL CONVERTERS See CONVERTERS–*SIGNAL*
SIGNAL GENERATOR See GENERATORS–*SIGNAL*
SIGNAL LAMPS See LAMPS
SIGNAL TRACERS See TESTERS–*SIGNAL-TRACING*
SILICA–*FUSED* See QUARTZ–*FUSED*

SILICON

1. FINISHED PARTS (EXCEPT SEMICONDUCTOR DEVICES) *2. RAW MATERIAL (NOT CRYSTAL)*

Allegheny Electronic Chemicals Co., 1	207 Hooker-Fulton Bldg, Bradford	Pa
Barwood Mfg. Co. Inc., L. J., 1	22 Williams St. Everett 49	Mass
Bausch & Lomb Inc., 1	61462 Bausch St. Rochester 2	NY
Belmont Smelting & Refining Works, 2	332 Belmont Ave, Brooklyn 7	NY
City Chemical Corp., 2	132 W. 22nd St, New York 11	NY
du Pont de Nemours & Co., Inc., E.I., 2	Wilmington 98	Del
Geoscience Instrument, Inc., 1	142 Maiden Lane, New York 38	NY
Grace Electronic Chemicals, Inc., 2	101 N. Charles St, Baltimore 1	Md
Green Rectifier Co., 2	1-10 30th St. Fair Lawn	NJ
Harmon Lichtenstein & Co., 2	26 Broadway, New York 4	NY
Kinetic Electro-Physics, Inc., 1	936 Industrial Ave, Palo Alto	Cal
A.D. Mackay, Inc., 2	198 Broadway, New York 38	NY
Materials for Electronics Inc., 2	152-25 138 Ave. Jamaica 34	NY
MERCK & CO. INC. ELECTRONIC CHEMICAL DIV., 1-2, Adv Pg 119	**Rahway**	**NJ**
Monsanto Chemical Co. Electronic Chem. Proj., 2	800 N Lindbergh Blvd. St Louis 66	Mo
Semi-Alloys Inc., 1	20 McQueston Pkwy. N, Mt. Vernon	NY
SEMI-ELEMENTS INC., 2, Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
Semimetals Inc., 1	172 Spruce St. Westbury	NY
SERVO CORP OF AMERICA, 1, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
SYNCOR PRODUCTS CO., 1, Adv Pg 514	**30 Eastern Ave. Malden**	**Mass**
Tang Industries Inc., 1-2	400 Main St. Waltham 54	Mass
Texas Instruments Incorporated, Semiconductor-Components Div., 2	Box 5012, Dallas 22	Tex
Trancoa Chemical Corp., 2	312-326 Ash St. Reading	Mass
Union Carbide Metals Co., Div., UCC, 2	270 Park Ave, New York 17	NY
Valpey Crystal Corp., 1	1244 Highland St, Holliston	Mass
Var-Lac-Oid Chemical Co., 2	116 Broad St, New York 4	NY

SILICON CARBIDE

Bram Metallurgical Chemical Co	820 65 Ave, Philadelphia 26	Pa
CARBORUNDUM CO. REFRACTORIES DIV., Adv Pgs 104, 105	**Perth Amboy**	**NJ**
Carborundum Co	Buffalo Ave. Dept. EBG, Niagara Falls	NY
City Chemical Corp	132 W. 22nd St, New York 11	NY
Geoscience Instrument, Inc	142 Maiden Lane, New York 38	NY
High Temperature Materials, Inc	31 Antwerp St. Brighton 35	Mass
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Norton Co	1 New Bond St. Worcester 6	Mass
SEMI-ELEMENTS, INC., Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
Tang Industries Inc	400 Main St. Waltham 54	Mass
Var-Lac-Oid Chemical Co	116 Broad St, New York 4	NY

SILICON CRYSTALS See CRYSTALS–*SEMICONDUCTOR*
SILICON DIODES See DIODES–*CRYSTAL*
SILICONE ADHESIVES See ADHESIVES
SILICONE LAMINATES See LAMINATES–*COPPER-CLAD*
SILICONE RESISTORS See RESISTORS–*SILICONE*
SILICONE RUBBER See RUBBER

SILICONES

1. ADHESIVES *2. FINISHED PARTS* *3. GREASES* *4. MOLDING COMPOUNDS* *5. OILS* *6. RESINS*
See Also LAMINATES: PLASTICS: RUBBER

Anaconda Chemical Co., 1	170 Broadway, New York 38	NY
Allen Mfg. Co., The, 2	Plains Ave & Essex St, Middletown	Conn
Bacon Industries, Inc., 2	192 Pleasant St, Watertown 72	Mass
Balco Chemical Products Co., 4	701-703 S. La Salle, Chicago 5	Ill
Barwood Mfg. Co., Inc., L. J., 2	22 Williams St, Everett 49	Mass
Biggs Co. Inc. Carl H., 1-4	Dept EB, 1547 14 St. Santa Monica	Cal
Chemtronics, Inc., 1-4-5-6	870 E 52nd St. Brooklyn 3	NY
Coast Pro-Seal & Mfg. Co., 4	2235 Beverly Blvd, Los Angeles 57	Cal
Connecticut Hard Rubber Co., 1-2	407 East St, New Haven 9	Conn
Continental-Diamond Fibre Corp., 2	Newark 100	Del
Dow Corning Corp., 1-3-4-5-6	Midland	Mich
Emerson & Cuming, Inc., 1-3-4-6	869 Washington St. Canton	Mass
Emerson Plastics Corp., 2	1393 Seabury Ave. Bronx 61	NY
Furane Plastics, Inc., 6	4516 Brazil St. Los Angeles 39	Cal
Garlock Electronic Products, Garlock Inc., 2	Camden 1	NJ
General Electric Co., Silicone Prods. Dept., 1-3-4-5-6	Dept. EBG, Waterford	NY
General Gaskets Inc., 2	Middletown	Conn
General Tire & Rubber Co., 2	Akron	Ohio
Industrial Electronic Rubber Co., 2	31945 Aurora Rd. Solon	Ohio
Insulation Manufacturers Corp., 1-2-3-4-6	565 W. Washington Blvd, Chicago 6	Ill
Isochem Resins Co., 1-4-6	221 Oak St. Providence 9	RI
Isolantite Mfg. Corp., 2	Stirling	NJ
Kirkhill Rubber Co., 2	300 E Cypress, Brea	Cal
Linear, Inc., 2	State Rd. & Levick St. Philadelphia	Pa
Magic Chemical Co., 1-6	121 Crescent St. Brockton	Mass
Minnesota Mining & Mfg Co. Electrical Tapes, 6	900 Bush Ave. St Paul 6	Minn
Minor Rubber Co. Inc., 1-2-4	40 Ackerman St. Bloomfield	NJ
National Engineering Products, Inc., 3	435 Washington Bldg, Washington 5	DC
Parker Seal Co. Div. Parker-Hannifin Corp., 2	10567 Jefferson Blvd. Culver City	Cal
Peltier Laboratories, Inc., 2-4	401 Lafayette St. Newton	Pa
Products Research Co., 4	2919 Empire Ave. Burbank	Cal
Radiation Applications, Inc., 1	36-40 37th St. Long Island City 1	NY
Raybestos-Manhattan, Inc., 2	61 Willett St, Passaic	NJ
Rubbercraft Corp of Calif., 1-2	1800 W 220 St. Torrance	Cal
Sierra Engineering Co., 2	123 E. Montecito, Sierra Madre	Cal
Silicone Insulation, Inc., 2	1385 Seabury Ave. Bronx 61	NY
Silicones Div. UCC, 4-5-6	270 Park Ave. New York 17	NY
Smooth-On Mfg. Co., 4	572 Communipaw Ave. Jersey City 4	NJ
Speed Electronics Inc., 2	177 Mill Ln. Mountainside	NJ
Stevens Products, Inc., 2	86-88 Main St, East Orange	NJ
VARFLEX CORP., 2, Adv Pg 306	**506 W Court St. Rome**	**NY**
Western Felt Works, 2	4029 Ogden Ave. Chicago	Ill

SILICON RECTIFIERS See RECTIFIERS
SILICON RESISTORS See RESISTORS–*SILICON*
SILICON TRANSISTORS See TRANSISTORS
SILK SCREEN INKS See INKS
SILK-SCREEN PRINTERS See MACHINES–*PRINTED-CIRCUIT PRODUCTION*

SILK-SCREEN PROCESSING SERVICES

Apahouser Corp	1312 Boylston St, Boston	Mass
Bestcraft Products Co. Inc	626 Broadway, New York	NY
BUD RADIO INC., Adv Pg 343	**2118 E 55th St. Cleveland 3**	**Ohio**
Chemtronics, Inc	870 E 52nd St. Brooklyn 3	NY
Chicago Thrift-Etching Corp	1555 N Sheffield Ave. Chicago 22	Ill
Comco Plastics, Inc	98-40 Jamaica Ave. Richmond Hill	NY
Control Devices, Inc	925 S Eton Rd. Birmingham	Mich
Cortland Industries, Inc	4545 Cortland St. Chicago 39	Ill
Croname, Inc	6247 Howard St, Chicago 48	Ill
Duralith Corp	1025 Race St, Philadelphia 7	Pa
Factory Enterprises Inc	3431 Butler St. Pittsburgh 1	Pa
Farwell Metal Fabricating	87 W. Fairfield Ave, St. Paul 7	Minn
Flock Process Co, Inc	373 Main Ave, Norwalk	Conn
Industrial Engravers, Inc	2212 McDonald Ave, Brooklyn 23	NY
Mahler Research Foundation	Box 1159, New York 1	NY
Masonite Corp	111 W Washington St. Chicago 2	Ill
Speed Electronics Inc	177 Mill Ln. Mountainside	NJ
Techniques, Inc	40 Jay St. Englewood	NJ
WIRE CLOTH ENTERPRISES INC., Adv Pg 535	**3408 Penn Ave. Pittsburgh 1**	**Pa**
Zero Mfg. Co	1121 Chestnut St, Burbank 71	Cal

SILK SCREENS See SCREENS

SILVER

1. ALLOYS & COMPOUNDS *2. FINISHED SILVER PARTS* *3. SHEETS, BARS & RODS*
TUBING See TUBING–*METALLIC*: WIRE See WIRE–*BARE*

Accurate Specialties Co. Inc., 1-2-3	345 Lodi St. Hackensack	NJ
All-State Welding Alloys Co., Inc., 1	249 Ferris Ave, White Plains	NY
Alloys Unlimited Inc., 1-2	21-01 43rd Ave. Long Island City 1	NY
American Brazing Alloys Corp., 1-3	P.O. Box 11, Pelham	NY
American Silver Co. Inc., 3	36-07 Prince St. Flushing 54	NY
ART WIRE & STAMPING CO., 2, Adv Pg 409	**227 High St. Newark 2**	**NJ**
Attleboro Refining Co., Inc., 3	152 Union St, Attleboro	Mass
Belmont Smelting & Refining Works, 1	332 Belmont Ave, Brooklyn 7	NY
Biggs Co. Inc. Carl H., 1	Dept EB, 1547 14 St. Santa Monica	Cal
BIRTCHER CORP., 2, Adv Pg 489	**4371 Valley Blvd. Los Angeles 32**	**Cal**
Brainin Corp., C. S., 2	322 Washington St. Mt. Vernon	NY
Bram Metallurgical Chemical Co., 1-2-3	820 65 Ave, Philadelphia 26	Pa
City Chemical Corp., 1	132 W. 22nd St, New York 11	NY
Cominco Products Inc., 1-2-3	933 W 3rd Ave. Spokane	Wash
Composite Industrial Metals, Inc., 1-2-3	235 Georgia Ave, Providence 5	RI
CONSOLIDATED REACTIVE METALS INC., 1-3, Adv Pg 551	**116 Hoyt St. Mamaroneck**	**NY**
Cox Mfg. Co., 2	807 Fredericksburg Rd, San Antonio 1	Tex
Dalwald Co., Inc., 1-3	11 Bertel Ave, Mt. Vernon	NY
Deringer Metallurgical Corp., 2	8131 N. Monticello Ave, Skokie	Ill
Division Lead Co., 1	7742 W. 61st Pl, Summit	Ill
Eastern Smelting & Refining Corp., 1-3	107-109 West Brookline St. Boston 18	Mass
Emerson & Cuming, Inc., 1	869 Washington St. Canton	Mass
Engelhard Industries Inc., 1-2-3	113 Astor St. Newark 2	NJ
Gemex Corp. Industrial Div	1200 Commerce Ave, Union	NJ
GENERAL FINDINGS INC. INDUSTRIAL DIV., 2, Adv Pgs 538, 539	**55 School St. Attleboro**	**Mass**
GIBSON ELECTRIC CO., 1-2-3, Adv Pg 462	**P O Box 535, Delmont**	**Pa**
HANDY & HARMAN, 1-3, Adv Pg 213	**850 3rd Ave. New York 22**	**NY**
Horton-Angell Co., 1-3	27 Bicknell St. Attleboro	Mass
Improved Seamless Wire Co., 3	775 Eddy St, Providence 5	RI
Isochem Resins Co., 1	221 Oak St. Providence 9	RI
Johnson Matthey & Mallory Ltd., 1-2-3	110 Industry St, Toronto, Ontario, Canada	
Jones Electronics, Hiram, 2	2313 W. Olive Ave, Burbank	Cal
Jones & Ray Co., 2	12 Commercial Ave, Covina	Cal
LEACH & GARNER CO. INDUSTRIAL DIV., 1-3, Adv Pgs 538, 539	**55 School St. Attleboro**	**Mass**
A.D. Mackay, Inc., 1-2-3	198 Broadway, New York 38	NY
Metz Refining Co., 1-2-3	36 Mulberry St. Newark 2	NJ
MOSELEY CO., F.L., 3 Adv Pgs 122, 123	**409 N Fair Oaks Ave. Pasadena**	**Cal**
NATIONAL LEAD CO., 1-3, Adv Pg 557	**111 Broadway, New York 6**	**NY**
NEY CO., J. M., 1-2, Adv Pg 467	**Maplewood Ave. Bloomfield**	**Conn**
SECON METALS CORP., 1, Adv Pg 412	**7 Intervale St. White Plains**	**NY**
Sel-Rex Corp., 1	75 River Rd, Nutley 10	NJ
Semi-Alloys Inc., 1-2-3	20 McQueston Pkwy. N, Mt. Vernon	NY
Sinclair Mfg Co., 2	Chartley	Mass
Superior Carbon Products Co., 1	9115 George Ave, Cleveland 5	Ohio
Technic Inc., 1-3	Box 965, Providence 1	RI
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 1-2-3, Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
Torrington Co., 2	59 Field St. Torrington	Conn
Tricon Mfg Co., 1-2-3	6012 S Wallace St. Chicago 20	Ill
United Mineral & Chemical Corp., 3	16 Hudson St. New York 13	NY
Var-Lac-Oid Chemical Co., 1-3	116 Broad St. New York 4	NY
Wildberg Bros. Smelting & Refining Co., 1-3	349 Butler Ave. S San Francisco	Cal
WILKINSON CO., 1-2-3, Adv Pg 180	**1660 9th St. Santa Monica**	**Cal**
Williams Gold Refining Co., Inc., 1-2-3	2978 Main St. Buffalo 14	NY

SILVER-CELL BATTERIES See BATTERIES
SILVER PLATING See PLATING SERVICES
SILVER PREFORMS See PREFORMS
SILVER SOLDER See SOLDER

SIMULATORS

1. FLIGHT *2. NUCLEAR REACTOR* *3. PROCESS CONTROL* *4. RADAR TARGET*

ACF Electronics Div., 1-4	Riverdale	Md
A R & D A, 1-3	135 Main St, Belleville 9	NJ
Aircraft Armaments, Inc., 1-4	Cockeysville	Md
Applied Dynamics, Inc., 3	Box 612, Ann Arbor	Mich
APPLIED ELECTRONICS CORP. OF NJ, 3, Adv Pg 518	**22 Center St. Metuchen**	**NJ**
Astral Electronics Inc., 1	14620 Arminta St. Van Nuys	Cal
Atkins & Merrill Inc., 1	49 Post Rd. S Sudbury	Mass
Bell Aerospace Corp., 1	Box 1, Buffalo 5	NY
Bendix Corp. York Div., 4	York	Pa
Boonshaft & Fuchs, Inc., 3	Hatboro Ind Park, Hatboro	Pa
Briggs Div. Drexel Dynamics Corp., 1	10 De Kalb St. Norristown	Pa
Budd Electronics Inc., 4	43-22 Queen St. Long Island City	NY
California Technical Industries, 1	1421 Old County Rd. Belmont	Cal
Canadian Aviation Electronics Ltd., 1-3-4	Box 2030, Montreal 9	P.Q.
Canadian Research Institute, 3	85 Curlew Dr. Don Mills	Ont
Chance Vought Corp. Vought Electronics Div., 1	Box 1500, Arlington	Tex
Chicago Aerial Industries, 1	550 W Northwest Hwy. Barrington	Ill
Command Systems Inc., 4	1135 N Stanford Ave. Los Angeles 59	Cal
Computer Services, Inc., 4	133 Main St. Westbury	NY
Computers Inc., 3	3407 S Shepherd Dr. Houston 6	Tex
CONTROL ELECTRONICS CO. INC., 4, Adv Pg 444	**10 Stepar Pl. Huntington Sta**	**NY**
Cook Technological Center, 4	6401 Oakton St. Morton Grove	Ill
CURTISS-WRIGHT CORP. ELECTRONICS DIV., 1-2-3-4, Adv Pg 473	**35 Market St. E Paterson**	**NJ**
Daystrom Inc. Military Elec. Div., 1-2-4	Archbald	Pa
Digital Equipment Corp., 3-4	Maynard	Mass
Dymec, Div., Hewlett-Packard Co., 4	395 Page Mill Rd, Palo Alto	Cal
EMI-Cossor Electronics Ltd., 2	Box 525 Dartmouth NS	Can
Electronic Associates Inc., 1-2-3-4	Long Branch	NJ
Emerson & Cuming, Inc., 4	869 Washington St. Canton	Mass
Emerson Electric Mfg. Co., 1-4	8100 Florissant Ave. St. Louis 36	Mo
Evershed & Vignoles Ltd., 3	Chiswick, London W. 4, England	
Fecker, J. W. Div. Amer. Optical Co., 1	6592 Hamilton Ave. Pittsburgh 6	Pa
Federal Scientific Corp., 4	615 W. 131 St, New York 27	NY
Feedback Controls Inc., 2-3	8 Erie Drive, Natick	Mass
GENERAL APPLIED SCIENCE LABS. INC., 4, Adv Pg 525	**Merrick & Stewart Aves. Westbury**	**NY**
Goodyear Aircraft Corp., 1-4	1210 Massillon Rd, Akron 15	Ohio
HALLICRAFTERS CO., 1-4, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
HITACHI LTD., 2, Adv Pg 263	**1-4 Marunouchi, Chiyoda-ku, Tokyo**	**Jap**
Hayck Systems Co., 1-4	360 Wolf Hill Rd. Huntington Sta	NY
Kearfott Div. Gen. Precision Inc. Microwave Prods., 4	14844 Oxnard St. Van Nuys	Cal
Link Div. Gen. Precision, Inc., 1-2-3-4	Binghamton	NY
Mandrel Industries Inc., 1	5134 Glenmont, Houston 36	Tex
Marquardt Corp., Pomona Div., 1-4	2709 N. Garey Ave, Pomona	Cal
Martin Co., 1-4	Mail No. G3037, Baltimore 3	Md
Micro Gee Products, Inc., 1	6319 W Slauson Ave. Culver City	Cal
Milgo Electronic Corp., 3-4	7620 NW 36 Ave. Miami 47	Fla
Minn-Honeywell, Military Prods Gr., 1-4	2600 Ridgway Rd. Minneapolis 13	Minn
Missouri Research Labs., Inc., 4	2109 Locust St, St. Louis 3	Mo
Mullard Equipment, Ltd., 4	Torrington Pl. London WC 1	Eng
Newton Co., 4	55 Elm St, Manchester	Conn
Orion Electronic Corp., 1-2-3-4	108 Columbus Ave. Tuckahoe	NY
Par Products Corp., 1	602 Colorado Ave, Santa Monica	Cal
Philco Corp. Govt & Ind Div., 3-4	4700 Wissahickon Ave. Phila 44	Pa
Pittsburgh Log Corp., 4	237 Lafayette St, New York 12	NY
RCA Service Co. Div. Radio Corp. of Amer., 2	Cherry Hill, Camden 8	NJ
R S ELECTRONICS CORP., 1, Adv Pg 305	**Box 11368, Sta A, Palo Alto**	**Cal**
Radiation at Stanford, 2-3	3180 Hanover St. Palo Alto	Cal
Radiation Inc., 4	Melbourne	Fla
Rantec Corp., 4	23999 Ventura Blvd. Calabasas	Cal
Rediffon Ltd., 1-2	Broomhill Rd. Wandsworth, London SW18	Eng
REFLECTONE ELECTRONICS, INC., 1-3-4, Adv Pg 548	**W Main & Myano La. Stamford**	**Conn**
Renanco Inc., 1-4	1505 Colorado, Santa Monica	Cal
Research Inc., 3	Box 6164, Edina Br. Minneapolis 24	Minn
Servoflex Controls Ltd., 3	Crowborough, Sussex	Eng
Servonics, Inc., 1-4	822 N. Henry St. Alexandria	Va
Solartron, Inc., 2-4	1742 S. [illegible]	Cal
Solatron Inc., 1	128 Hudson St. Cambridge 41	Mass
Space Electronics Corp., 4	930 Air Way, Glendale 1	Cal
Spectrol Electronics Corp., 3	1704 S Del Mar, San Gabriel	Cal
Sperry Microwave Electronics Co., 4	Box 1828, Clearwater	Fla
Sylvania Electronic Systems, 1-4	63 Second Ave, Waltham	Mass

Telemetrics, Inc., 1-4	12927 S Budlong, Gardena	Cal
Thermo Electric Co. Inc., 3	109 5th St. Saddle Brook	NJ
Thompson Ramo Wooldridge Inc. Tapco Group, 1	23555 Euclid Ave. Cleveland 17	Ohio
Turbo Machine Co., 4	840 N Main St. Lansdale	Pa
Washington Aluminum Co. Inc., 1-4	Pa RR & Knecht Ave. Baltimore 29	Md
Wiley Electronic Products Co., 4	2045 W Cheryl Dr. Phoenix	Ariz
Wiltron Co., 4	717 Loma Verde Ave. Palo Alto	Cal

SINE-COSINE MECHANISMS See MECHANISMS -*SINE-COSINE*
SINE-COSINE POTENTIOMETERS See POTENTIOMETERS -*PRECISION, SINE-COSINE*
SINE-COSINE RESOLVERS See RESOLVERS -*COMPUTING*
SINGLE-SIDEBAND CONVERTERS See CONVERTERS -*SIGNAL*
SINGLE-SIDEBAND GENERATORS See GENERATORS -*SIGNAL*
SINGLE-SIDEBAND RECEIVERS See RECEIVERS -*RADIO COMMUNICATION*
SINGLE-SIDEBAND SYSTEMS See COMMUNICATION SYSTEMS
SINGLE-SIDEBAND TRANSMITTERS See TRANSMITTERS -*RADIO COMMUNICATION*

SINKS -*HEAT, TRANSISTOR*

Atlee Corp. Atlee Components Div	8220 Lankershim Blvd. N Hollywood	Cal
Eugene Engineering Co. Inc	1217 Hyde Park Ave. Hyde Park 36	Mass
Frenchtown Porcelain Co	Frenchtown	NJ
Jan Hardware Mfg Co. Inc	38-01 Queens Blvd. Long Island City 1	NY
MacDonald & Co	714 E California Ave. Glendale 6	Cal
Miller Co., L.C.	717 Monterey Pass Rd. Monterey Park	Cal
Relco Products	5594 E Jefferson Ave. Denver 22	Colo
Ross Co., Milton	239 Jacksonville Rd, Hatboro	Pa
Staver Co. Inc	41 N Saxon Ave. Bay Shore	NY
Sylvania Electric Products Inc., Parts Div	12 Second Ave, Warren	Pa

SINTERED METAL PARTS See METAL PARTS -*POWDERED*
SKEW CONTROLS See CONTROLS -*PHOTOELECTRIC, SKEW*
SLEEVES See TUBING
SLIDEBACK VOLTMETERS See VOLTMETERS

SLIDES -*CHASSIS*

AVNET INSTRUMENT CORP., Adv Pgs 331, 364	**70 State St. Westbury**	**NY**
BUD RADIO INC., Adv Pg 343	**2118 E 55th St. Cleveland 3**	**Ohio**
CBS Electronics, A Div. C B S Inc	100 Endicott St. Danvers	Mass
CHASSIS-TRAK CO. INC., Adv Pg 92	**525 S Webster, Indianapolis 19**	**Ind**
CHRISTMAN INDUSTRIES INC., Adv Pg 476	**1562 61st St. Brooklyn**	**NY**
Electro-Rack, Inc	11501 Jefferson Blvd, Culver City	Cal
Equipto Electronics Corp	319 N Webster St. Naperville	Ill
Flotron Industries Inc	1608 Centinela, Inglewood	Cal
G-C Electronics Co	400 S Wyman St. Rockford	Ill
Grant Pulley & Hardware Corp	135 High St, West Nyack	NY
INGERSOLL PRODUCTS, DIV. BORG-WARNER CORP., Adv Pg 410	**1000 W 120th St. Chicago**	**Ill**
Jonathan Mfg. Co	720 E Walnut Ave. Fullerton	Cal
Radio Frequency Labs., Inc	Boonton 2	NJ
Remler Co	2101 Bryant St. San Francisco 10	Cal
Sliding Mechanisms, Inc	2405 W Ohio St. Chicago 12	Ill
WATSON MFG. CO. INC., Adv Pg 557	**4700 Taylor St. Jamestown**	**NY**

SLIDE-WIRE RESISTORS See RESISTORS -*WIRE-WOUND, VARIABLE*
SLIDING SHORTS See TUNERS -*MICROWAVE*

SLIP-RING ASSEMBLIES See *Also* COMMUTATORS

AIRFLYTE ELECTRONICS CO., Adv Pg 342	**535-9 Avenue A, Bayonne**	**NJ**
Boonton Molding Co	Boonton	NJ
Breeze Corps., Inc	700 Liberty Ave, Union	NJ
COLLECTRON CORP., Adv Pg 550	**304 E 45th St. New York 17**	**NY**
Electro Development Co	14701 Keswick St, Van Nuys	Cal
ELECTRO MINATURES CORP., Adv Pg 494	**632 Hoyler St. South Hackensack**	**NJ**
ELECTRO SWITCH CORP., Adv Pg 446	**167 King Ave. Weymouth 88**	**Mass**
GRAPHITE METALLIZING CORP., Adv Pg 273	**1052 Nepperhan Ave. Yonkers**	**NY**
Industrial Electrical Works, Inc	1509 Chicago St. Omaha 2	Neb
Johnson Matthey & Mallory Ltd	110 Industry St, Toronto, Ontario, Canada	
NEY CO., J. M., Adv Pg 467	**Maplewood Ave. Bloomfield**	**Conn**
Nippert Electric Prods Co	1755 W Mound St. Columbus 23	Ohio
Pacific Scientific Co	P.O. Box 22019, Los Angeles 22	Cal
Poly Scientific Corp	Rt 460 N., Blacksburg	Va
Rotary Devices Corp	30 Jay St, Englewood	NJ
Servonic Instruments, Inc	1644 Whittier Ave. Costa Mesa	Cal
Sierra Electric Corp	15100 S. Figueroa St, Gardena	Cal
Slip Ring Co of America	3612 W. Jefferson Blvd, Los Angeles 16	Cal
Superior Carbon Products Co	9115 George Ave, Cleveland 5	Ohio
Topp Industries, Inc	5221 W. 102 St, Los Angeles 45	Cal
Unison Products, Inc	1634 Marion St. Grand Haven	Mich
U.S. Science Corp	5221 W. 102nd St, Los Angeles 45	Cal

SLITTERS See TOOLS -*CUTTERS*

SLOTTED SECTIONS -*MICROWAVE*

Airtec, Inc	139 E. First Ave, Roselle	NJ
ALFORD MFG. CO., Adv Pg 78	**299 Atlantic Ave. Boston**	**Mass**
ANTENNA SYSTEMS, INC., Adv Pg 428	**Hingham Industrial Center, Hingham**	**Mass**
Bogart Mfg Corp	315 Seigel St. Brooklyn 6	NY
BUDD STANLEY CO. INC., Adv Pg 313	**175 Eileen Way, Syosset**	**NY**
CWS Waveguide Corp	301 W Hoffman Ave. Lindenhurst	NY
DeMORNAY-BONARDI CORP., Adv. Pgs. 178, 179	**780 S Arroyo Pkwy. Pasadena**	**Cal**
DOUGLAS MICROWAVE CO. INC., Adv Pg 235	**252 E 3rd St. Mt Vernon**	**NY**
EMI/US Ltd	1750 N Vine St. Los Angeles 28	Cal
FXR INC., Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
HEWLETT-PACKARD CO., Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
LIECO INC., Adv Pg 398	**150 Eileen Way, Syosset**	**NY**
M.C.S. Corp	1001 S Mountain Ave. Monrovia	Cal
Maury & Associates	10373 Mills Ave. Montclair	Cal
Microtech, Inc	Milldale Rd, Cheshire	Conn
Microwave Dynamics Corp	5 Fairchild Ct. Plainview	NY
Nichols Products Co	323 W. Main St, Moorestown	NJ
OMEGA LABORATORIES INC., Adv Pg 226	**Box 309, Rowley**	**Mass**
R.L.C. Electronics, Inc	805 Mamaroneck Ave. Mamaroneck	NY
Ryan Electronics Div. Ryan Aero. Co	5650 Kearny Mesa Rd. San Diego 12	Cal
Sage Laboratories, Inc	3 Huron Dr, Natick	Mass
Sperry Microwave Electronics Co	P.O. Box 1828, Clearwater	Fla
Turbo Machine Co	840 N Main St. Lansdale	Pa
United Shoe Machinery Corp	140 Federal St. Boston	Mass
Victor R.F. & Microwave Co	38 W Water St. Wakefield	Mass
Wac Line Inc	35 S St. Clair St. Dayton 2	Ohio
Waveline, Inc	P.O. Box 718, Caldwell	NJ

SLUG TUNING UNITS See CORES -*MOLDED MAGNETIC*
SLURRIES See ABRASIVES
S-METERS See AMMETERS
SMITH CHARTS See DRAFTING SUPPLIES
SMOKE CONTROLS See CONTROLS -*PHOTOELECTRIC*
SMOKE DETECTORS See DETECTORS -*SMOKE*
SMOKE INDICATORS See INDICATORS -*SMOKE & COMBUSTION*
SMOKE PRECIPITATORS See PRECIPITATORS
SMOKE RECORDERS See RECORDERS -*SMOKE*
SMOOTHNESS INDICATORS See INDICATORS -*SURFACE ROUGHNESS*

SOCKETS

1. CRYSTAL
2. DIODE
3. LAMP-DIAL PANEL & PILOT
4. MINIATURE TUBE
5. PENCIL-TUBE
6. PRINTED-CIRCUIT
7. RELAY
8. SUBMINIATURE
9. TRANSISTOR
10. TUBE, RECEIVING
11. TURRET
12. UHF TUBE
13. WIRING, PLUG

Accurate Electronics Corp., 1-2-3-13	Box 935G, Elyria	Ohio
Aerolite Electronics Corp., 3	2207 Summit Ave, Union City	NJ
ALDEN PRODUCTS CO., 3-4-7-10-13, Adv Pg 359	**112 N Main St. Brockton 64**	**Mass**
ALLIED CONTROL CO. INC., 7, Adv Pg 102	**2 East End Ave. New York 21**	**NY**
Ampco Mfg Co., 3-8-13	246 E 2nd St. Plainfield	NJ
Arnel Electronics Inc., 7	1601 - 75th St. North Bergen	NJ
Arrow-Hart & Hegeman Electric Co., 13	103 Hawthorn St, Hartford 6	Conn
Atlantis Electronics Corp., 9	3322-26 Broadway St. Garland	Tex
AUGAT BROS. INC., 1-2-4-7-8-9, Adv Pg 112	**33 Perry Ave. Attleboro**	**Mass**
BARNES DEVELOPMENT CO., 2-7-9, Adv Pg 414	**213 W Baltimore Pike, Lansdowne**	**Pa**
Beauchaine & Sons Inc., 13	Union Ave. Lakeport	NH
BIRNBACH RADIO CO. INC., 1-10, Adv Pg 529	**145 Hudson St. New York 13**	**NY**
Burndy Corp. Omaton Div., 2-6-7-9	Box 817, Toledo 1	Ohio
Cable Electric Products, 13	234 Dabell St, Providence	RI
Cambridge Thermionic Corp., 2-6	445 Concord Ave, Cambridge 38	Mass
CINCH MFG. CO., 1-2-5-6-7-8-9-10-11-12, Adv Pgs 296, 297	**1026 S Homan Ave. Chicago 24**	**Ill**
COLE ELECTRIC CO., 13, Adv Pg 504	**8439 Steller Dr. Culver City**	**Cal**
Component Mfg Service Inc., 1-3-6	West Bridgewater	Mass
DIALIGHT CORP., 3-8-9, Adv Pg 533	**60 Stewart Ave. Brooklyn 37**	**NY**
Digital Sensors Inc., 6	6443 N Figueroa St, Los Angeles	Cal
Drake Mfg. Co., 3	4626 N. Olcott, Chicago 31	Ill
Eagle Electric Mfg. Co., Inc., 3-13	23-10 Bridge Plaza S., L.I. City	NY
Eby Co., Hugh H., 1-4-5-6-7-8-9-10-11-12	4701 Germantown Ave, Philadelphia 44	Pa
EITEL-McCULLOUGH INC., 12, Adv Pgs 57-60	**301 Industrial Way, San Carlos**	**Cal**
Elco Corp., 1-4-6-7-8-9-10-11-12	"M" St. below Erie Ave. Phila 24	Pa
Electro-Ceramics, Inc., 10	2645 S 2nd W. Salt Lake City 15	Utah
Electronic Engineering Co., 7	1601 E Chestnut Ave. Santa Ana	Cal
EPOXY PRODUCTS, DIV JOS WALDMAN & SONS, 4, Adv Pg 337	**133 Coit St. Irvington**	**NJ**
FEDERAL SCREW PRODUCTS INC., 3, Adv Pg 553	**3917 N Kedzie Ave. Chicago 18**	**Ill**
G-C Electronics Co., 10	400 S Wyman St. Rockford	Ill
Garlock Electronic Prods. Garlock Inc., 1-4-5-8-9	Camden 1	NJ
Gemex Corp. Industrial Div., 1-2-3-4-7-9-11-13	1200 Commerce Ave. Union	NJ
GRAYHILL, INC., 5-6-9, Adv. Pgs. 360, 361	**537 Hillgrove Ave. La Grange**	**Ill**
Green Rectifier Co., 3	1-10 30th St. Fair Lawn	NJ
IERC Div. Intl. Electronic Research Corp., 8-10	135 W Magnolia Blvd. Burbank	Cal
I. N. Mfg. Co., 1-4-6-8-9-10-11-12	121 Greene St. New York 12	NY
INDUSTRIAL DEVICES, INC., 3, Adv Pg 540	**Edgewater 8**	**NJ**
INDUSTRIAL ELECTRONIC HARDWARE CORP., 1-3-4-6-8-9-10, Adv Pg 555	**109 Prince St. New York 12**	**NY**
Javex Electronics, 1-13	P.O. Box 646, Redlands	Cal
JETTRON PRODUCTS, INC., 2-4-5-8-9-10-12, Adv Pg 519	**56 Route 10, Hanover**	**NJ**
Johnson Co., E. F., 1-3	Waseca	Minn
Jones & Roy Co., 13	620 Commercial Ave, Covina	Cal
Korry Mfg. Co., 3	223 8th Ave. N, Seattle 9	Wash
Kulka Electric Corp., 3-13	633 S. Fulton Ave, Mt. Vernon	NY
Leecraft Mfg. Co., Inc., 3	60 Greene St, Dept 18, New York 12	NY
LITTON INDUSTRIES, ELECTRON TUBE DIV., 12, Adv Pg 349	**960 Industrial Rd. San Carlos**	**Cal**
Livingston Electronic Corp., 4-6-11-12	Livingston 3	NJ
LUMATRON ELECTRONICS, INC., 2-9, Adv Pg 502	**116 County Cthse Rd. New Hyde Park**	**NY**
Mendex Mfg. Co., Inc., 4-6	2616 W. 48 St, Chicago	Ill
Materials for Electronics Inc., 8-9-10	152-25 138 Ave. Jamaica 34	NY
METHODE MFG. CORP., 1-2-4-6-7-8-9-10-12-13 Adv Pgs 458, 459	**7447 W Wilson Ave. Chicago 31**	**Ill**
Millen Mfg. Co., James, 1-4-10-12	150 Exchange St, Malden	Mass
MITSUMI ELECTRIC CO. LTD., 4-9, Adv Pg 266	**1056-1 Kodachi, Komae-cho Kitatama-gun, Tokyo**	**Jap**
Molex Products Co., 6-7-10-13	9515 Southview Ave. Brookfield	Ill
Frank W. Morse Co., 3	354 Congress St, Boston 10	Mass
Mosley Electronics, Inc., 1	4610 N. Lindbergh, Bridgeton	Mo
Mycalex Tube Socket Corp., 4-6-8-12	125 Clifton Blvd, Clifton	NJ
National Fabricators, Inc., 1-2-4-6-7-8-9-10-12-13	2650 W. Belden Ave, Chicago 47	Ill
NATIONAL RADIO CO., 1-10, Adv Pg 499	**37 Washington St. Melrose 76**	**Mass**
Nugent Electronics Co. Inc., 1-2-6-7-8-9	802 E 8th St. New Albany	Ind
Oki & Villadsen Ltd., 4-6	47 Crockford Blvd. Toronto 16	Ont
Pacific Electricord Co., 13	747 W Redondo Beach Blvd. Gardena	Cal
Permonite Mfg Co., 1-3-4-6	910 W Jackson Blvd. Chicago 7	Ill
PLASTIC MOLD & ENGINEERING CO. INC., 4-6-8, Adv Pg 505	**265 Wampanoag Tr. East Providence 14**	**RI**
Remler Co., 10-12	2101 Bryant St. San Francisco 10	Cal
Rimak Electronics Inc., 6-9	10929 Vanowen St. N Hollywood	Cal
Ross Co., Milton, 2-4-6-7-8-9-11-12	239 Jacksonville Rd. Hatboro	Pa
SANDERS ASSOCIATES INC., 2-9, Adv Pg 380	**95 Canal St. Nashua**	**NH**
SEALECTRO CORP., 9, Adv Pg 352	**139 Hoyt Ave. Mamaroneck**	**NY**
Sierra Electric Corp., 13	15100 S. Figueroa St, Gardena	Cal
Signal Indicator Corp., 3-8-9	42 Stewart Ave. Brooklyn 37	NY
Smith, Inc. Herman H., 1-3-4	2326 Nostrand Ave. Brooklyn 10	NY
Sylvania Electric Products Inc. Parts Div., 4-6-7-10-12	12 2nd Ave. Warren	Pa
Werner Electronics Inc., 2-10-12	Beryllium Rd. Scotch Plains	NJ
TEFCO CORP., 2-6-9-13, Adv Pg 500	**28 Willett St. Port Chester**	**NY**
Texas Crystals Div. Westronix Corp., 1	1000 Crystal Dr. Fort Myers	Fla
United Intl Dynamics Corp., 4-6	243 Lexington St, Waltham 54	Mass
United Mineral & Chemical Corp., 4-6-10	16 Hudson St. New York 13	NY
VECTOR ELECTRONIC CO., 4-9-10-11, Adv Pg 544	**1100 Flower St. Glendale 1**	**Cal**
Wade Electric Products Co., 3-6	400 Jacob St. Sturgis	Mich
Waldom Electronics Inc., 1-2-6-10	4621 W 53rd St. Chicago 32	Ill

SOLAR CELLS See CELLS -*PHOTOELECTRIC*

SOLDER

1. ALUMINUM
2. BISMUTH
3. INDIUM
4. LEAD-TIN
5. LEAD-TIN RINGS & PREFORMS See *Also* PREFORMS
6. LEAD-TIN-SILVER
7. PLATINUM
8. SILVER
9. PASTE

Accurate Specialties Co. Inc., 1-2-3-4-5-6-7-8-9	345 Lodi St. Hackensack	NJ
All-State Welding Alloys Co. Inc., 1-6-8-9	249 Ferris Ave. White Plains	NY
Alloys Unlimited Inc., 1-2-3-4-5-6-7-8	21-01 43rd Ave. Long Island City 1	NY
Alpha Metals, Inc., 1-2-3-4-5-6-9	60 Water St. Jersey City	NJ
Aluminum Co of America, 1	Alcoa Bldg, Pittsburgh 19	Pa
American Brazing Alloys Corp., 1	Box 11, Pelham	NY
American Silver Co., Inc., 8	36-07 Prince St, Flushing 54	NY
American Smelting & Refining Co., 1-2-3-4	120 Broadway, New York 5	NY
ART WIRE & STAMPING CO., 5, Adv Pg 409	**227 High St. Newark 2**	**NJ**
Belmont Smelting & Refining Works, 1-2-3-4-5-6-8-9	332 Belmont Ave. Brooklyn 7	NY
Bow Solder Products Co. Inc., 1-2-3-4-5-6-9	251 Freeman St. Brooklyn 22	NY
Bram Metallurgical Chemical Co., 3-7-8	120 65 Ave. Philadelphia 26	Pa
Cerro Sales Corp., 2-3	300 Park Ave. New York 22	NY
Chase Brass & Copper Co. Inc., 4-8	236 Grand St. Waterbury 20	Conn
Chemalloy Electronics Corp., 1	Gillespie Field, Santee	Cal
COHN CORP., SIGMUND, 7, Adv Pg 519	**121 S Columbus Ave. Mt. Vernon**	**NY**
Cominco Products Inc., 2-3-4-5-6-8	933 W 3rd Ave. Spokane	Wash
Compo Shoe Machinery Corp., 4	Roberts Rd. Waltham 54	Mass
Composite Industrial Metals, Inc., 1-2-3-4-5-6-7-8	235 George Ave, Providence 5	RI
CONSOLIDATED REACTIVE METALS INC., 7-8, Adv Pg 551	**116 Hoyt St. Mamaroneck**	**NY**
Datweld Co., Inc., 1-8-9	11 Bartel Ave, Mt. Vernon	NY
Division Lead Co., 2-3-4-5-6	7742 W 61st Pl, Summit	Ill
Dunton Co., M.W., 4-5-6	350 Kinsley Ave, Providence	RI
Electroparts, 4	P.O. Box 1137, Glendale	Cal
Electrovert, Inc., 9	124 E 40th St. New York 17	NY
Emerson & Cuming, Inc., 8	869 Washington St. Canton	Mass
Engelhard Industries Inc., 7-8	113 Astor St. Newark 2	NJ
ETCHOMATIC INC., 4, Adv Pg 520	**182 Newton St. Waltham 54**	**Mass**
FAIRMOUNT CHEMICAL CO. INC., 4, Adv Pg 526	**136 Liberty St. New York 6**	**NY**
Farrelloy Co., 1-2-3-4-5-6-7-8-9	1021 N 26th St. Philadelphia	Pa
HANDY & HARMAN, 7-8-9, Adv Pg 213	**850 3rd Ave. New York 22**	**NY**
Horton-Angell Co., 8	27 Bucknell St. Attleboro	Mass
Howe International, 1-5-7-8	431 Danforth, Jersey City 5	NJ
Johnson Mfg. Co., Inc., 1-5-9	Mount Vernon	Iowa
Johnson Matthey & Mallory Ltd., 6-7-8	110 Industry St. Toronto 15	Ont
Kester Solder Co., 1-2-4-5-6-7-8-9	4212 Wrightwood Ave. Chicago 39	Ill
LEACH & GARNER CO. INDUSTRIAL DIV., 8, Adv Pgs 538, 539	**55 School St. Attleboro**	**Mass**
Leck Mfg Co., 1-4	Box 324, Franklin	Ky
LUCAS MILHAUPT ENGINEERING CO., 5, Adv Pg 426	**5075 S Lake Dr. Cudahy**	**Wisc**
A.D. Mackay, Inc., 1-2-3-4-6-7-8	198 Broadway, New York 38	NY
Metz Refining Co., 6-7-8-9	169 Mulberry St. Newark 2	NJ
Michael, Inc., Claude, 1-4-5-6-8	[illegible] N. Ivy St, Glendale 4	Cal
MICO INSTRUMENT CO., 9, Adv Pg 514	**77 Trowbridge St. Cambridge 38**	**Mass**
Multicore Sales Corp., 4-8	10 Shore Rd. Port Washington	NY
NATIONAL LEAD CO., 4-5-6-7-8-9, Adv Pg 557	**111 Broadway, New York 6**	**NY**
New England Refining Inc., 4-5-6	158 Tremont St. Everett	Mass
New York Solder Co., 4	684 E. 133 St, New York 54	NY
Rayline, Inc., 4	163 1st St. Mineola	NY
Ruby Chemical Co., 4	68 McDowell St, Columbus 16	Ohio
Semi-Alloys Inc., 1-2-3-4-5-6-7-8	20 McQueston Pkwy. N, Mt. Vernon	NY
Staver Co., Inc., 5	41 N. Saxon Ave, Bay Shore	NY
Sylvania Electric Products Inc. Parts Div., 5	12 2nd Ave. Warren	Pa
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 1-4-5-6-7-8, Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
Tricon Mfg Co., 2-4-5-6-7-8-9	8042 S Wallace St. Chicago 20	Ill
Wildberg Bros. Smelting & Refining Co., 7-8	349 Butler Ave. S San Francisco	Cal
WILKINSON CO., 7, Adv Pg 180	**1660 9th St. Santa Monica**	**Cal**
Williams Gold Refining Co. Inc., 6-7-8	2978 Main St. Buffalo 14	NY

SOLDERING SERVICES

ACF Electronics Div	Riverdale	Md
Acme Model Engineering Co	6224 15th Ave. Brooklyn 19	NY
Brainin Corp., C. S	322 Washington St. Mt. Vernon	NY
Chase Brass & Copper Co. Inc	236 Grand St. Waterbury 20	Conn
Chemalloy Electronics Corp	Gillespie Field, Santee	Cal
Compo Shoe Machinery Corp	Roberts Rd. Waltham 54	Mass
Electronic Cable Corp	126 Jackson St. Cambridge 40	Mass
GENERAL FINDINGS INC. INDUSTRIAL DIV., Adv Pgs 538, 539	**55 School St. Attleboro**	**Mass**
GREENE ELECTRONICS INC., Adv Pg 432	**1840 Cranston St. Cranston 9**	**RI**
Jefferson Electronic Products	322 State St. Santa Barbara	Cal
Johnson Mfg. Co., Inc	Mount Vernon	Iowa
Kling Metal Spinning Co	247 Centre St. New York	NY
Livingston Electronic Corp	Livingston 3	NJ
Miller Co., L.C.	717 Monterey Pass Rd. Monterey Park	Cal
Miller-Robinson Co., 3	70th & Avalon Blvd, Los Angeles	Cal
Mutron Corp	125 Perkins Ave. Brockton	Mass
Ross Co., Milton	239 Jacksonville Rd. Hatboro	Pa
Specialty Electronics Development Corp	115 Eileen Way, Syosset	NY
Speed Electronics Inc	177 Mill La. Mountainside	NJ
Tricon Mfg Co	8012 S Wallace St. Chicago 20	Ill
United Products Co	165 Franklin Ave. Nutley 10	NJ

SOLDER GLASS See GLASS
SOLDERING FLUXES See FLUXES
SOLDERING IRONS & POTS See TOOLS -*SOLDERING*

SOLDERING MACHINES See MACHINES -*DIP SOLDERING*: MACHINES - *SOLDERING*: ULTRASONIC EQUIPMENT
SOLDERING TOOLS See TOOLS -*SOLDERING*: MACHINES-SOLDERING
SOLDERLESS CONNECTORS See CONNECTORS -*SOLDERLESS*
SOLDER PLATING ANODES See ANODES
SOLENOID COILS See COILS -*WINDINGS ONLY*
SOLENOID CORES See CORES -*LAMINATED*
SOLENOIDS -*TRAVELING-WAVE TUBE FOCUSING*: See COILS

SOLENOIDS -*WITH CORES*

1. LINEAR 2. LINEAR, SUBMINIATURE 3. ROTARY See Also MOTORS -*STEPPING*

A.P.W. Co., 1-2	72 W. Main St, Rockaway	NJ
AR & DA 1-2	135 Nason St, Belleville 9	NJ
Aerolite Electronics Corp., 1	2207 Summit Ave. Union City	NJ
Allen-Bradley Co., 1	136 W Greenfield Ave. Milwaukee 4	Wis
Anderson Controls, Inc., 1-2	9959 Pacific Ave, Franklin Park	Ill
Artisan Electronics Corp., 1-2	171 Ridgedale Ave. Morristown	NJ
Auex Corp., 1	315 N. Adams St, Chicago 6	Ill
Automatic Electric Sales Corp., 1	Northlake	Ill
Automatic Switch Co., 1	50-56 Hanover Rd, Florham Park	NJ
Avco Corp. Electronics & Ordnance Div., 1-3	Box 115, Cincinnati 15	Ohio
CANNON ELECTRIC CO., 1-2-3, Adv Pg 287	**3208 Humboldt St. Los Angeles 31**	**Cal**
Carma Mfg Co., 1-2	1879 Mullin Ave. Torrance	Cal
Carruthers & Fernandez, Inc., 1-2-3	1501 Colorado Ave, Santa Monica	Cal
Coil Co of America, Inc., 1	220 Washington St, Northvale	NJ
COMAR ELECTRIC CO., 1-2, Adv Pg 497	**3349 W Addison, Chicago 18**	**Ill**
CURTISS-WRIGHT CORP. ELECTRONICS DIV., 3, Adv Pg 473	**35 Market St. E Paterson**	**NJ**
Daco Instrument Co., 3	Tillary & Prince Sts, Brooklyn 1	NY
Dynco Inc., 1	E Longmeadow	Mass
Dormeyer Industries, 1-2	3418 N Milwaukee Ave. Chicago 41	Ill
Dyna-Matic Products Co	8509 Higuera St. Culver City	Cal
E M Corp., 2	5177 Overland Ave, Culver City	Cal
Electro-Switch & Controls, Inc., 1	5755 Camille Ave, Culver City	Cal
GAP INSTRUMENT CORP., 3, Adv Pg 484	**5 Main St. Newtown**	**Conn**
GENERAL MAGNETICS, INC., 1, Adv Pg 543	**Dept B, 2641 Louisiana Ave. Mapls 26**	**Minn**
General Time Corp. Haydon Div., 3	Prospect Dr. Stamford	Conn
Goat Electronics Inc., 1	322 Dean St. Brooklyn 17	NY
Guardian Electric Mfg. Co., 1-2	1550 W Carroll Ave. Chicago 7	Ill
HAYDON CO., A. W., 3, Adv Pgs 382, 383	**238 N Elm St. Waterbury**	**Conn**
IMC Magnetics Corp. Eastern Div., 1-2-3	6058 Walker Ave. Maywood	Cal
Industrial Transformer Co., 1-2	Box 656, West Caldwell	NJ
JFD ELECTRONICS CORP., 1-2-3, Adv Pgs 486, 487	**6101 16th Ave. Brooklyn 4**	**NY**
Jack & Heintz Div. Siegler Corp., 1	Box 6719, Cleveland 1	Ohio
Klann Organ Supply Co., 1	P.O. Box 2398, Waynesboro	Va
Kuhnke Electronics, H., 1-3	Malente/Holstein, Germany	
Ledex Inc., 1-2-3	123 Webster St. Dayton 2	Ohio
Licon Div. Illinois Tool Works, 3	6615 W Irving Park, Chicago 34	Ill
Lumen, Inc., 1	Box 195, Joliet	Ill
Magnetic Products Corp., 1-2	1500 Bangs Ave, Asbury Park	NJ
NORTH ATLANTIC INDUSTRIES INC., 3, Adv Pg 344	**Terminal Dr. Plainview**	**NY**
OAK MFG CO., 3, Adv Pg 283	**Crystal Lake**	**Ill**
Oaktron Electric Co., 1-2	Tinley Park	Ill
Osborne Electric Co. Ltd., 1-2	95 Wesley St. Toronto 18	Ont
OVITRON CORP., 1-2-3, Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
Phillips Control Corp., 1	59 W. Washington St. Joliet	Ill
Philo Electronics Corp., 3	1547 10th St. Santa Monica	Cal
Picker X Ray Corp., 1	White Plains	NY
Pickering & Co., Inc., 1-2-3	Sunnyside Blvd, Plainview	NY
POLLAK CORP., JOSEPH, 1-2, Adv Pg 500	**85 Freeport St. Boston 22**	**Mass**
SATURN ELECTRONICS CORP., 1-2, Adv Pg 558	**10665 Harry Hines Blvd. Dallas 20**	**Tex**
Spectrol Electronics Corp., 1-2	1704 S Del Mar, San Gabriel	Cal
Thermocal, Div. Johnson Labs., Inc., 1-2	7900 Haskell Ave, Van Nuys	Cal
Vickers Inc. Electric Products Div., 3	1899 Locust St. St Louis 3	Mo
West Coast Electrical Mfg. Corp., 1-2	233 W. 116th Pl, Los Angeles 61	Cal
Western Gear Corp. Electro Prods Div., 3	132 W Colorado St. Pasadena 1	Cal
WHEELER ELECTRONIC CORP. SUB. SPERRY RAND CORP., 2, Adv Pg 490	**150 E Aurora St. Waterbury 20**	**Conn**
Wrattic Corp., 1-2	Box 240, Endicott	NY

SOLENOID VALVES See VALVES -*SOLENOID*
SOLID DIELECTRICS See FILMS: GLASS: MICA: PAPER: PLASTICS: TITANATES
SOLID-STATE COMMUTATORS See COMMUTATORS
SOLID-STATE INVERTERS See INVERTERS
SOLID-STATE MODULES See MODULES -*ACTIVE*
SOLID STATE RELAYS See RELAYS -*STATIC*
SOLID-STATE THYRATRONS See RECTIFIERS -*SEMICONDUCTOR, CONTROLLED*
SOLIONS
SOLUTIONS -*ETCHING* See CHEMICALS -*PRINTED-CIRCUIT*

SOLVENTS

1. EPOXY RESIN 2. OIL & GREASE 3. ROSIN FLUX

Alpha Metals, Inc., 3	600 Water St, Jersey City	NJ
Anes Labs. Inc., 1	225 Greenwich Ave. Stamford	Conn
Bacon Industries, Inc., 2	192 Pleasant St, Watertown 72	Mass
Barco Chemical Products Co., 2	701-703 S. La Salle, Chicago 5	Ill
Biggs Co., Inc. Carl H., 1	Dept EB, 1547 14 St. Santa Monica	Cal
Boonton Molding Co., 1	Boonton	NJ
Ceramics Inc. Chemicals, 2	173 Ridge St. Newark 4	NJ
Chemtronics, Inc., 1-2-3	870 E 52nd St. Brooklyn 3	NY
Circo Corp., 2	51 Terminal Ave. Clark	NJ
Cobeler, Inc., 2-3	226 Passaic Ave, Caldwell	NJ
Compo Shoe Machinery Corp., 3	Roberts Rd. Waltham 54	Mass
Detrex Chemical Industries, Inc., 2	P.O. Box 501, Detroit 32	Mich
Dow Chemical Co., 2	Midland	Mich
du Pont de Nemours & Co., Inc., E.I., 2	Wilmington 98	Del
Electrosolvents, 2-3	P.O. Box 1137, Glendale	Cal
Emerson & Cuming, Inc., 1-2	869 Washington St. Canton	Mass
Emhone, Inc., 1-2-3	442 Elm St. New Haven	Conn
Esso Standard Div. Humble Oil & Refing Co., 2-3	15 W 51 St. New York 19	NY
ETCHOMATIC INC., 2-3, Adv Pg 520	**182 Newton St. Waltham 54**	**Mass**
Fidelity Chemical Products Corp., 1-2	472 Frelinghuysen Ave. Newark	NJ
Furane Plastics, Inc., 1	4516 Brazil St, Los Angeles 39	Cal
G-C Electronics Co., 1-2	400 S Wyman St. Rockford	Ill
Hastings Plastics, Inc., 1	1704 Colorado Ave. Santa Monica	Cal
Hysol Corp., 1	322 Houghton Ave. Olean	NY
Injectorall Co., 2	6 Bay 50th St. Brooklyn 14	NY
Isochem Resins Co., 1	221 Oak St. Providence 9	RI
Krylon, Inc., 2	Ford & Washington, Norristown	Pa
Lawrence Adhesive & Chemical Co. Inc., 1	19 S Canal St. Lawrence	Mass
London Chemical Co., 2-3	1535 N 31st Ave. Melrose Park	Ill
Magic Chemical Co., 1-2-3	121 Crescent St. Brockton	Mass
Marblette Corp., 1	37-31 30th St. Long Island City 1	NY
Matheson Coleman & Bell, 1-2-3	2909 Highland Ave. Norwood	Ohio
Minchem Resins Corp. Mineco Prod Div., 1-2	530 Wellington Ave. Cranston 10	RI
Michael, Inc., Claude, 3	703 N. Ivy St, Glendale 4	Cal
MILLER-STEPHENSON CHEMICAL CO. INC., 1, Adv Pg 450	**39 Day St. South Norwalk**	**Conn**
Mona Industries, Inc., 1	Paterson	NJ
Oakite Products, Inc., 1-2-3	79 Rector St, New York 6	NY
Philadelphia Quartz Co., 2	1184 Public Ledger Bldg, Phila 6	Pa
Phillips Mfg. Co., 2	3406 W. Touhy Ave, Chicago 45	Ill
Pierce & Stevens Chemical Corp., 2	710 Ohio St. Buffalo 3	NY
Pro-Chem, Inc., 1-2	1571 Merwin Ave. Cleveland 13	Ohio
Telecomputing Corp., 1	915 N. Citrus Ave, Hollywood	Cal
Topper Mfg. Co., Inc., 1	84-56 Parsons Blvd, Jamaica 32	NY
Tricon Mfg Co., 3	8012 S Wallace St. Chicago 20	Ill
ULTRASONIC INDUSTRIES INC., 2-3, Adv Pg 417	**Ames Ct. Plainview**	**NY**
Wye Industries, 1-2-3	6 General Devine Way, Boston 27	Mass

SOLVENTS -*CLEANING ULTRA-SONIC*

Barco Chemical Products Co	701-703 S La Salle, Chicago 5	Ill
Oakite Products, Inc	79 Rector St. New York 6	NY
POWERTRON ULTRASONICS, Adv Pg 489	**Patterson Pl. Roosevelt Fld. Garden City**	**NY**
ULTRASONIC INDUSTRIES INC., Adv Pg 417	**Ames Ct. Plainview**	**NY**

SONAR

1. TRANSDUCERS 2. TRANSMITTERS & RECEIVERS

ACF Electronics Div., 1	Riverdale	Md
ALDEN ELECTRONIC & IMPULSE RECORDING EQUIP CO., 2, Adv Pg 358	**P.O. Box 125, Westboro**	**Mass**
Applied Electronics Co., 1	213 E Grand Ave. S San Francisco	Cal
Atlantic Research Corp., 1	Shirley Hwy at Edsall Rd, Alexandria	Va
Chance Vought Corp. Vought Electronics Div., 2	Box 1500, Arlington	Tex
Channel Industries, Inc., 1	427 Olive St. Santa Barbara	Cal
Chesapeake Instrument Corp., 1-2	100 Atwell Rd. Shadyside	Md
DYNA-EMPIRE INC., 1, Adv Pg 514	**1075 Stewart Ave. Garden City**	**NY**
EMI-Cossor Electronics Ltd., 2	Box 525 Dartmouth NS	Can
ERA Pacific, Inc., 1-2	1760 Stanford St. Santa Monica	Cal
EDGERTON, GERMESHAUSEN & GRIER INC., 1, Adv Pg 284	**160 Brookline Ave. Boston**	**Mass**
Edo Corp., 1-2	College Point 56	NY
Electro-Ceramics, Inc., 1	2645 S 2nd W. Salt Lake City 15	Utah
Electron Ohio Inc., 1	Box 9527, Solon	Ohio
Electronic Research Assoc, Inc., 1-2	67 Factory Pl, Cedar Grove	NJ
Emerson Electric Mfg. Co., 1-2	8100 Florissant Ave. St. Louis 36	Mo
General Dynamics/Electronics, 1-2	100 Carlson Rd. Rochester 3	NY
General Dynamics/Electronics, Info Tech Div., 2	1895 Hancock St. San Diego 12	Cal
General Electric Co., Heavy Electronics Dept., 1-2	Court St, Syracuse	NY
General Electronic Control, Inc., 2	8001 Bloomington Frwy. Mpls 20	Minn
General Instrument Corp. Harris Transducer Div., 1	Woodbury	Conn
Ling Electronics Div. Ling-Temco Electronics, Inc., 2	1515 S Manchester Ave. Anaheim	Cal
McDonnell Aircraft Co., 2	Box 516, St Louis 66	Mo
MB ELECTRONICS A DIV. OF TEXTRON ELECTRONICS INC., 1, Adv Pg 353	**Box 1825, New Haven 8**	**Conn**
Magnavox Co., 1-2	2131 Bueter Rd. Fort Wayne 4	Ind
Martin Co., 1-2	Mail No. G3037, Baltimore 3	Md
MASSA DIV. COHU ELECTRONICS, INC., 1 Adv Pgs 442, 443	**280 Lincoln St. Hingham**	**Mass**
Minn-Honeywell, Ceramics Lab., 1-2	Box 441, Minneapolis 40	Minn
Minn-Honeywell, Military Prods Gr., 1-2	2600 Ridgway Rd. Minneapolis 13	Minn
Orion Electronic Corp., 2	108 Columbus Ave. Tuckahoe	NY
Philco Corp. Govt & Ind Div., 1-2	4700 Wissahickon Ave. Phila 44	Pa
Pioneer Central Div. Bendix Corp., 1	Davenport	Iowa
Portland Industries Corp., 1	South Portland	Me
POWERTRON ULTRASONICS, 1, Adv Pg 489	**Patterson Pl. Roosevelt Fld. Garden City**	**NY**
RADIO CORP. OF AMERICA, INDL ELECTRONIC PRODS., 1-2, Adv Pg 391	**Front & Cooper, Camden**	**NJ**
Raytheon Co. Govt Mktg., 1-2	Lexington 73	Mass
Sangamo Electric Co., 1-2	1201 N. 11 St, Springfield	Ill
Servonic Instruments, Inc., 1-2	1644 Whittier Ave. Costa Mesa	Cal
Solar Mfg. Corp., 1	4553 Seville Ave, Los Angeles 58	Cal
Sparton Corp., 1-2	2400 E Ganson St. Jackson	Mich
Sprague Electric Co., 1	125 Marshall St. North Adams	Mass
Straza Industries, 2	790 Greenfield Dr. El Cajon	Cal
Summers & Mills Inc., 1-2	911 W Commerce, Dallas 8	Tex
Tang Industries Inc	400 Main St. Waltham 54	Mass
Telecomputing Corp., 2	915 N Citrus Ave. Hollywood	Cal
Telephonics Corp., 1-2	Park Ave, Huntington	NY
Texas Instruments Incorporated, Apparatus Div. Govt Prods Gr., 1-2	Box 6015, Dallas 22	Tex
Topp Industries, Inc., 2	5221 W. 102 St, Los Angeles 45	Cal
Transonic Inc., 1	808 16th St. Bakersfield	Cal
Ultrasonic Systems Inc., 1-2	2255 S Carmelina Ave. Los Angeles 64	Cal

SORTERS See CONTROLS -*PHOTOELECTRIC*: CONTROLS -*SORTING*: MACHINES
SOUND-ACTUATED CONTROLS See CONTROLS -*SOUND-ACTUATED*

SOUNDING EQUIPMENT -*IONOSPHERIC*

Adcole Corp	186 Massachusetts Ave. Cambridge 39	Mass
Applied Technology, Inc	930 Industrial Ave. Palo Alto	Cal
Chance Vought Corp. Vought Electronics Div	Box 1500, Arlington	Tex
EMI-Cossor Electronics Ltd	P. O. Box 525, Dartmouth, Nova Scotia	
EDGERTON, GERMESHAUSEN & GRIER INC., Adv Pg 284	**160 Brookline Ave. Boston**	**Mass**
General Electric Co. Heavy Military Electronics Dept	Court St. Syracuse	NY
Geotechnical Corp	3401 Shiloh Rd. Garland	Tex
Space Electronics Corp.	930 Air Way, Glendale 1	Cal
Telephonics Corp	Park Ave. Huntington	NY

SOUND-LEVEL METERS See METERS -*SOUND-LEVEL*: *ACOUSTIC*: METERS-DB: METERS-VU
SOUND-LEVEL RECORDERS See RECORDERS -*SOUND-LEVEL*
SOUND-POWERED INTERCOMMUNICATION SYSTEMS See INTERCOMMUNICATION SYSTEMS
SOUND-RECORDING AMPLIFIERS See AMPLIFIERS - A-F
SOUND SPECTROGRAPHS See SPECTROMETERS
SOUND SYSTEMS -*HIGH FIDELITY* See HIGH FIDELITY SYSTEMS

SOUND SYSTEMS -*PUBLIC ADDRESS* See PUBLIC ADDRESS SYSTEMS
SOURCES -*INFRARED* See INFRARED DEVICES

SOURCES -*RADIOACTIVE*

1. ALPHA 2. BETA 3. GAMMA 4. NEUTRON

Atomic Accessories, Inc., 2-3	811 W Merrick Rd. Valley Stream	NY
Baird-Atomic Inc., 3	33 University Rd. Cambridge 38	Mass
Canadian Radium & Uranium Corp., 1-2-3-4	630 Fifth Ave, New York 20	NY
Contact Inc., 5	Box 6, Hudson	NH
CURTISS-WRIGHT CORP. PRINCETON DIV., 2-3, Adv Pgs 382, 426, 494	**Princeton**	**NJ**
Franklin Systems, Inc., 2-3	Box 3250, W Palm Beach	Fla
Kahl Scientific Instrument Corp., 1-2-3	737 W Main St. El Cajon	Cal
Ohmart Corp., 2-3	2236 Bogen St. Cincinnati	Ohio
Picker X Ray Corp., 1-2-3-4	White Plains	NY
Radiation Applications, Inc., 2-3	36-40 37th St. Long Island City 1	NY
Radiation Counter Labs., Inc., 3	5121 W. Grove St, Skokie	Ill
Radiation Research Corp., 2-4	1150 Shames Dr. Westbury	NY
Tracerlab, Inc., 1-2-3-4	1601 Trapelo Rd, Waltham 54	Mass
U. S. Nuclear Corp., 1-2-3-4	801 N. Lake St, Burbank	Cal
U.S. RADIUM CORP., 1-2-3-4, Adv Pg 200	**P.O. Box 246, Morristown**	**NJ**
Western Radiation Lab., 1-2-3	1107 W. 24 St, Los Angeles 7	Cal

SPADE BOLTS See BOLTS
SPAGHETTI TUBING See TUBING -*PLASTIC*
SPEAKER BAFFLES See BAFFLES
SPEAKER CONES & DIAPHRAGMS See DIAPHRAGMS
SPEAKER DRIVER UNITS See DRIVERS -*SPEAKER*
SPEAKER FIELD COILS See COILS -*WINDINGS ONLY*
SPEAKER GRILLES See GRILLES
SPEAKER HORNS See HORNS -*SPEAKER*
SPEAKER HOUSINGS See BAFFLES

SPEAKERS

1. AIR-OPERATED
2. ELECTRODYNAMIC
3. FLAME & EXPLOSION-PROOF
4. HIGH-FIDELITY
5. HIGH-FIDELITY, DUAL-CONE
6. HORN
7. MARINE, WEATHERPROOF
8. MINIATURE
9. PILLOW
10. P-M DYNAMIC
11. P-M DYNAMIC, HIGH-FIDELITY
12. SPEAKER SYSTEMS, IN CABINETS
13. TWEETERS, CRYSTAL
14. TWEETERS, ELECTROSTATIC

AIWA CO. LTD., 6-10-14, Adv Pg 264	**4 Motosukumo-cho, Kanda Chiyoda-ku, Tokyo**	**Jap**
Allied Radio Corp., 4-5-10-11-12-14	100 N Western Ave. Chicago 80	Ill
Altec Lansing Corp., 1-4-5-6-7-10-11-12-14	1515 S Manchester Ave. Anaheim	Cal
Artisan Organs Inc., 12	Box 11326, Phoenix	Ariz
Argos Products Co. Inc., 12	Genoa	Ill
Arnhold Ceramics Inc., 2-4-5-6-7-8-10-11-14	1 E 57th St. New York 22	NY
Atlas Sound Corp., 2-3-6-7	1449 39th St. Brooklyn 18	NY
Audiotex Mfg. Co., 9	412 S Wyman St. Rockford	Ill
Becker Electronics Mfg Corp., 4-5-7-8-9-10-11	Horton & Rockaway, Valley Stream	NY
Bell Sound Div. TRW Inc., 12	555 Marion Rd. Columbus 7	Ohio
Calbest Electronics Co., 12	4801 Exposition Blvd, Los Angeles 16	Cal
Carbonneau Industries, Inc., 5-7-8-10-11-14	100 Lexington Ave. SW, Grand Rapids	Mich
Channel Master Co., 4-11-12	Ellenville	NY
Cinaudagraph, Inc., 2-4-5-8-10-11-14	7334 N Clark St. Chicago 26	Ill
Cleveland Electronics, Inc., 2-3-4-5-7-8-10-11-12	1974 E 61st St. Cleveland 3	Ohio
Crosby Teletronics Corp., 4	54 Kinkel St. Westbury	NY
Dukane Corp., 6-3-10	St Charles	Ill
EMI-Cossor Electronics Ltd., 4-5-11-12	Box 525 Dartmouth NS	Can
ERA Pacific, Inc., 1-2-3-4-5-6-7-8-10-11-12	1760 Stanford St. Santa Monica	Cal
Electro Voice, Inc., 4-5-6-7-10-11-12	Buchanan	Mich
Electron Enterprises, 12	6917-19-21 Stanley Ave. Berwyn	Ill
Electronic Research Assoc, Inc., 1-2-3-4-5-6-7-8-10-11-12	67 Factory Pl, Cedar Grove	NJ
Emertron Inc., 4-8	1140 East-West Hwy. Silver Spring	Md
Executone Inc, 3-4-5-6-9-10-11	415 Lexington Ave. New York 17	NY
Fedtro Inc., 6-7-8	Fed. Electr. Bldg. Rockville Centre	NY
FOSTER ELECTRIC CO. LTD., 3-4-5-7-8-10-11-12, Adv Pg 260	**384 Shimorenjaku, Mitaka City, Tokyo**	**Jap**
General Dynamics/Electronics, 4-5-6-7-12-14	100 Carlson Rd. Rochester 3	NY
Goodmans Industries Ltd., 2-4-5-6-8-10-11-12	Axiom Wks. Wembley, Middlesex	Eng
Harman-Kardon, Inc., 6	Ames Ct. Plainview	NY
Hartley Products Co., 4-5-11-12	519 E. 162nd St. New York 51	NY
Heath Co. A Sub of Daystrom, Inc., 12	Benton Harbor	Mich
Hoppner Mfg Co., 1-2-4-7-10-11	Box 608, Round Lake	Ill
Holland Standards, Inc., 12	P.O. Box 908, Cedar Rapids	Iowa
I. H. Mfg. Co., 12	121 Greene St. New York 12	NY
JAPAN PIEZO ELECTRIC CO. LTD., 9, Adv Pg 258	**801 Kami-renjaku, Mitaka, Tokyo**	**Jap**
Jensen Mfg. Co., Div., Muter, 2-4-5-6-7-8-10-11-12	6601 S. Laramie Ave, Chicago 38	Ill
K L H Research & Development Corp., 12	30 Cross St, Cambridge 39	Mass
Karlson Associates, Inc., 8-12	433 Hempstead Ave. W. Hempstead	NY
KNOWLES ELECTRONICS, INC., 8 Adv Pg 404	**10545 Anderson Pl, Franklin Park**	**Ill**
Lansing Sound, Inc., James B., 4-5-6-10-11-12	3249 Casitas Ave, Los Angeles 39	Cal
Lesa Const Electromeccaniche SpA., 6-12	21 Via Bergamo, Milano	Italy
Ling Electronics Div. Ling-Temco Electronics, Inc., 1	1515 S Manchester Ave. Anaheim	Cal
Livingston Electronic Corp., 8	Livingston 3	NJ
McGregor Electronic Industries, 1-2-5-6-7-8-9-10-11-13-14	McGregor	Iowa
Marconi's Wireless Telegraph Co. Ltd., 4-12	750 3rd Ave. New York 17	NY
Materials for Electronics Inc., 4-8-9-10-11	152-25 138 Ave. Jamaica 34	NY
MATSUSHITA ELECTRIC., 4-8, Adv Pg 255	**Box 284, Osaka Central, Tokyo**	**Jap**
Newcomb Audio Products Co., 12	6824 Lexington Ave. Hollywood 38	Cal
OXFORD ELECTRIC CORP., 2-4-5-6-8-10-11, Adv Pg 539	**3911 S Michigan Ave. Chicago 53**	**Ill**
Parkway Specialties Co., 4-5-12	22519 Plymouth Rd. Detroit 39	Mich
Permoflux Products Co., 4-7-8-9-10-11-12-14	1401 San Fernando Rd. Glendale	Cal

Pickering & Co. Inc., 14 ... Sunnyside Blvd. Plainview ... NY
Pilot Radio Corp., 12 ... 37-06 36th St. Long Island City ... NY
Quam Nichols Co., 2-4-5-8-10-11 ... Marquette Rd. & Prairie Ave. Chicago 37 ... Ill
Racon Electric Co. Inc., 2-3-4-5-6-7-10-11 ... 1261 Broadway, New York 1 ... NY
Radio Frequency Labs., Inc., 12 ... Boonton 2 ... NJ
Radio Mfg. Engineers, Div., Electro Voice, Inc., 12 ... Buchanan ... Mich
Rambo Co., 7 ... 2101 Bryant St. San Francisco 10 ... Cal
Rola Co. Div Muter Co., 4-7-8-10-11 ... 2530 Superior Ave. Cleveland 14 ... Ohio
Rotary Devices Corp., 4-5-10-11 ... 30 Jay St. Englewood ... NJ
Rye Sound Corp., 9 ... 145 Elm St. Mamaroneck ... NY
Schober-Organ Corp., 12 ... 43 W 61 St. New York 23 ... NY
Scott Inc., H. H., 4-12 ... 111 Power Mill Rd. Maynard ... Mass
Setchell-Carlson, Inc., 12 ... New Brighton, St Paul 12 ... Minn
Sonograf Electric Corp., 4-5-7-8-10-11-12-14 ... 35 E 28th St. New York 16 ... NY
SONOTONE CORP., 4-5-10-11 Adv Pg 375 ... Elmsford ... NY
Stephens Trusonic, Inc., 4-10-11-12-14 ... 8538 Warner Dr. Culver City ... Cal
Symphony Electronics Corp., 4-5-10-11-12-13-14 ... 1611 Cordova St, Los Angeles 7 ... Cal
Tandberg of America Inc., 4-5 ... 8 3rd Ave. Pelham ... NY
Tannoy (America) Ltd., 2-3-4-5-6-7-10-11-12 ... Box 177, East Norwich ... NY
Telex, 8 ... Telex Park, St Paul 1 ... Minn
Transducers, Inc., 2 ... 2369 Honolulu Ave. La Crescenta ... Cal
Trinm, Inc., 9 ... 400 W. Lake St. Libertyville ... Ill
U. S. Instrument Corp., 2-3-7 ... Box 1288G, Charlottesville ... Va
University Loudspeakers Inc., 3-4-5-6-7-8-10-11-12-14 ... 80 S Kensico Ave. White Plains ... NY
Utah Electronics Corp., 4-5-8-10-11-12 ... 1124 E Franklin St. Huntington ... Ind
Wharfedale Div. British Industries Corp., 4-10-11-12-13 ... 80 Shore Rd. Port Washington ... NY
Wintronics, 12 ... 213 S Hawthorne Blvd. Hawthorne ... Cal
Wright-Zimmerman Inc., 2-9-11-12 ... New Brighton, St Paul 12 ... Minn
Zenith Radio Corp., 2-10-11 ... 6001 Dickens Ave, Chicago 39 ... Ill

SPEAKER SPIDERS *See* SPIDERS *-SPEAKER*
SPEAKER STANDS *See* STANDS
SPEAKER VOICE COILS *See* COILS
SPECIFIC-GRAVITY CONTROLS *See* CONTROLS *-SPECIFIC GRAVITY*
SPECIFIC-GRAVITY INDICATORS *See* INDICATORS *-SPECIFIC-GRAVITY*
SPECIFIC-GRAVITY RECORDERS *See* RECORDERS *-SPECIFIC-GRAVITY*

SPECTROMETERS & SPECTROGRAPHS

1. ALPHA & BETA RAY — *5. NUCLEAR MAGNETIC RESONANCE*
2. GAMMA RAY & X-RAY — *6. SOUND & VIBRATION*
3. LIQUID SCINTILLATION — *7. SPARK & ARC*
4. MASS & ISOTOPE SEPARATION

AMERICAN OPTICAL CO. INSTRUMENT DIV., Adv Pg 205 ... Buffalo 15 ... NY
Applied Research Laboratories, Inc., 2-7 ... P.O. Box 1710, Glendale 5 ... Cal
B & K Instruments Inc of Bruel & Kjaer, 6 ... 3018 W 106th St. Cleveland 11 ... Ohio
Baird-Atomic Inc., 1-3 ... 33 University Rd. Cambridge 38 ... Mass
Bausch & Lomb Inc., 7 ... 61462 Bausch St. Rochester 2 ... NY
Bendix Corp. Cincinnati Div., 4 ... 3130 Wasson Rd. Cincinnati 8 ... Ohio
Biddle Co., James G., 4 ... 1316 Arch St. Philadelphia 7 ... Pa
Block Associates, Inc., 7 ... 385 Putnam Ave. Cambridge 39 ... Mass
Bruel & Kjaer, 6 ... Lindholle 23, Naerum, Denmark
Central Scientific Co. Div. Cenco Instr Inc., 7 ... 1700 Irving Park Rd. Chicago 13 ... Ill
Computing Devices of Canada, Ltd., 4 ... P.O. Box 508, Ottawa, Ontario, Canada
Consolidated Electrodynamics Corp., 4 ... 360 N. Sierra Madre Villa, Pasadena ... Cal
Franklin Systems, Inc., 1-2-3 ... Box 3250, W Palm Beach ... Fla
General Electric Co. X-Ray Dept., 2 ... 4855 Electric Ave. Milwaukee 1 ... Wisc
Geotechnical Corp., 6 ... 3401 Shiloh Rd. Garland ... Tex
Hammer Electronics Co. Inc., 1-2 ... Box 531, Princeton ... NJ
HARSHAW CHEMICAL CO., 5, Adv Pg 508 ... 1945 E 97th St. Cleveland 6 ... Ohio
Harvey Wells Corp., 4-5 ... Box 189, Framingham ... Mass
High Voltage Engineering Corp., 4 ... Burlington ... Mass
HITACHI LTD., 4, Adv Pg 263 ... 1-4 Marunouchi, Chiyoda-ku, Tokyo ... Jap
Isotope Developments Ltd., 1-2-3 ... Bath Rd Beenham, Reading, Berks ... Eng
Jarrell-Ash Co., 7 ... 26 Farwell St. Newtonville ... Mass
KAY ELECTRIC CO., 6 Adv Pg 347, 348 ... Maple Ave. Pine Brook ... NJ
Mullard Equipment, Ltd., 5 ... Torrington Pl, London W.C. 1, England
New England Scientific Instruments Corp., 5 ... 238 Main St. Cambridge 42 ... Mass
Nuclear Electronics Corp., 1-2 ... 2925 N Broad St. Philadelphia 32 ... Pa
Nuclear Measurements Corp., 2 ... 2463 N. Arlington Ave, Indianapolis 18 ... Ind
Perkin-Elmer Corp., The, 5 ... Main Ave, Norwalk ... Conn
Philips Electronic Instruments, 2 ... 750 S. Fulton Ave, Mt. Vernon ... NY
Philips' Gloeilampenfabrieken, N. V., 1-3-5 ... Eindhoven ... Neth
Picker X Ray Corp., 1-2-3-4-5 ... White Plains ... NY
Process & Instruments Corp., 4 ... 15 Stone Ave. Brooklyn 33 ... NY
Radiation Instrument Devel Labs Inc., 1-2 ... 61 E North Ave. Northlake ... Ill
Radiation Technology, Inc., 2-3 ... 657 Antone St. NW Atlanta 18 ... Ga
Ridgefield Instrument Group, Schlumberger Corp., 5 ... Box 337, Ridgefield ... Conn
Smith Co., Arthur F., 4 ... 311 Alexander St. Rochester ... NY
Strand Labs. Inc., 5 ... 294 Centre St. Newton ... Mass
Straza Industries, 4 ... 790 Greenfield Dr. El Cajon ... Cal
Technical Associates, 2 ... 142 N. Providencia Ave, Burbank ... Cal
Technical Measurement Corp., 1-2-3 ... 441 Washington Ave, North Haven ... Conn
Tracerlab, Inc., 1-2-3 ... 1601 Trapelo Rd, Waltham 54 ... Mass
U. S. Nuclear Corp., 2-3 ... 801 N. Lake St. Burbank ... Cal
VACTRONIC LAB. EQUIPMENT, INC., 4, Adv Pg 560 ... 21 Mamouth Ct. East Northport ... NY
Vacuum - Electronics Corp., 4 ... Terminal Dr. Plainview ... NY
Varian Associates, 5 ... 611 Hansen Way, Palo Alto ... Cal
VICTOREEN INSTRUMENT CO. COMPONENTS DIV., 1-2 Adv Pgs 466, 493 ... 5806 Hough Ave. Cleveland 3 ... Ohio

SPECTROPHOTOMETERS

AMERICAN ELECTRONIC LABS. INC., Adv Pg 362 ... 121 N 7th St. Philadelphia 6 ... Pa
Applied Physics Corp ... 2724 S. Peck Rd, Monrovia ... Cal
Baird-Atomic, Inc ... 33 University Rd, Cambridge 38 ... Mass
Barnes Engineering Co ... 30 Commerce Rd. Stamford ... Conn
Bausch & Lomb Inc ... 61462 Bausch St. Rochester 2 ... NY
Beckman Instruments, Inc. Scientific & Process Instruments Div ... 2500 Harbor Blvd. Fullerton ... Cal
Biddle Co., James G. ... 1316 Arch St, Philadelphia 7 ... Pa
Block Associates, Inc ... 385 Putnam Ave. Cambridge 39 ... Mass
Coleman Instruments, Inc ... 42 Madison St, Maywood ... Ill
Electro-Medical Lab. Inc ... South Woodstock 8 ... Vt
Epsco Medical Div. Epsco Inc ... 275 Mass Ave, Cambridge 39 ... Mass

Fisher Scientific Co ... 713 Forbes Ave. Pittsburg 19 ... Pa
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9 ... 1 River Rd. Schenectady 5 ... NY
HARSHAW CHEMICAL CO., Adv Pg 508 ... 1945 E 97th St. Cleveland 6 ... Ohio
INSTRUMENT DEVELOPMENT LABS. INC., Adv Pg 43 ... 67 Mechanic St. Attleboro ... Mass
National Instrument Labs. Inc ... 826 Evarts St. NE, Washington ... DC
Optics Technology Inc ... 248 Harbor Blvd. Belmont ... Cal
Perkin-Elmer Corp., The ... Main Ave, Norwalk ... Conn
Phoenix Precision Instrument Co ... 3805 N 5th St. Philadelphia ... Pa
Process & Instruments Corp ... 15 Stone Ave. Brooklyn 33 ... NY

SPECTROSCOPIC SOURCE UNITS

Applied Research Laboratories, Inc ... P.O. Box 1710, Glendale 5 ... Cal
Baird-Atomic, Inc ... 33 University Rd, Cambridge 38 ... Mass
Bausch & Lomb Inc ... 61462 Bausch St. Rochester 2 ... NY
Central Scientific Co. Div. Cenco Instr Inc ... 1700 Irving Park Rd. Chicago 13 ... Ill
Jarrell-Ash Co ... 26 Farwell St. Newtonville ... Mass

SPECTRUM AMPLIFIERS *-MICROWAVE See* AMPLIFIERS *-MICROWAVE*
SPECTRUM AMPLIFIERS - R-F *See* AMPLIFIERS - R-F
SPECTRUM ANALYZERS *See* ANALYZERS *-SPECTRUM*
SPEECH INPUT CONSOLES *See* CONSOLES *- A-F CONTROL*
SPEECH SCRAMBLERS *See* SCRAMBLERS *-SPEECH*
SPEED CONTROLS *-MOTORS See* CONTROLS *-MOTOR SPEED*
SPEED METERS *-AUTO See* METERS *-SPEED*
SPEED REDUCERS *See* DRIVES *-VARIABLE-SPEED*
SPEED-SENSING CONTROLS *See* TACHOMETERS

SPIDERS *-SPEAKER*

Hawley Products Co ... St. Charles ... Ill
Welsh Co. Inc., W. H. ... 2241 Indiana Ave. Chicago ... Ill

SPINNINGS *See* METAL PARTS *-SPINNINGS*

SPLICERS *-MAGNETIC TAPE*

Gordon Enterprises ... 5362 N. Cahuenga Blvd, N. Hollywood ... Cal
Robins Industries Corp ... 36-27 Prince St, Flushing 54 ... NY
Standard Record Mfg Co ... 70 N San Gabriel Blvd. Pasadena ... Cal

SPOT WELDERS *See* WELDERS *-SPOT*
SPRAY SYSTEMS *-ELECTROSTATIC See* ELECTROSTATIC *-SPRAY SYSTEMS*

SPRINGS

1. ANTENNA TENSION — *3. INSTRUMENT HAIRSPRING*
2. COMMON — *4. PRECISION*

Accurate Spring Mfg. Co., 2-4 ... 3811 W. Lake St, Chicago ... Ill
Ace Spring Mfg. Co., Inc., 1-2-4 ... 144 32 St, Brooklyn 32 ... NY
Associated Spring Corp ... 18 Main St, Bristol ... Conn
Bell Inc., F. W., 4 ... 1356 Norton Ave. Columbus 12 ... Ohio
BIRNBACH RADIO CO. INC., 1, Adv Pg 529 ... 145 Hudson St. New York 13 ... NY
BRAUN TOOL & INSTRUMENT CO. INC., H., 4 Adv Pg 451 ... 140 5th Ave. Hawthorne ... NJ
Chatillon & Sons, John, 2-3-4 ... 85 Cliff St. New York 38 ... NY
Dudek & Bock Spring & Mfg. Co., 1-2-4 ... 4014 W Grand Ave. Chicago 51 ... Ill
Gemex Corp. Industrial Div., 3 ... 1200 Commerce Ave. Union ... NJ
Hamilton Watch Co. Industrial Prods Div., 3 ... Lancaster ... Pa
Instrument Specialties Co., Inc., 4 ... 254 Bergen Blvd, Little Falls ... NJ
Jadow Inc., B., 3-4 ... 860 Broadway, New York 3 ... NY
James & Roy Co., 4 ... 620 Commercial Ave, Covina ... Cal
Lewis Spring & Mfg. Corp ... 2646 North Ave, Chicago 47 ... Ill
Mid-West Spring Mfg. Co., 1-2-4 ... 4632 S Western Ave. Chicago ... Ill
PIC Design Corp., Sub of Benrus Watch Co., Inc., 4 ... 477 Atlantic Ave, East Rockaway ... NY
Precision Products Co., Inc of Waltham, 3-4 ... 26 Bedford St, Waltham 54 ... Mass
Reliable Spring & Wire Forms Co., 1-2-4 ... 3167 Fulton Rd. Cleveland 9 ... Ohio
Thomas & Sons, Inc., William, 4 ... Shoum Ave. Ridgefield ... NJ
Walsco Electronics Mfg. Co., 2 ... 400 S Wyman St. Rockford ... Ill
Waltham Precision Instrument Co., 3-4 ... 221 Crescent St. Waltham 54 ... Mass
WIND TURBINE CO., 1, Adv Pg 388 ... E Market St. West Chester ... Pa

SQUARE-WAVE GENERATORS *See* GENERATORS *-SIGNAL*

STABILIZERS *-INERTIAL*

KEARFOTT DIV., GEN PRECISION INC., Adv Pg 394 ... Little Falls ... NJ

STABILIZING AMPLIFIERS *See* AMPLIFIERS *-COMPUTER*
STABLE PLATFORMS *See* PLATFORMS
STAINLESS STEEL *See* STEEL *-STAINLESS*
STALOS *See* OSCILLATORS - R-F
STAMPED CIRCUITS *See* CIRCUITS *-PRINTED WIRING, CUSTOM SERVICE*
STAMPING MACHINES *See* MACHINES *-HOT-STAMPING: MACHINES - MARKING & NUMBERING: MACHINES -FORMING*
STAMPING & PUNCHINGS *-PLASTICS See* PLASTICS *-FINISHED PARTS*
STAMPINGS *-METAL See* METAL PARTS *-SMALL METAL STAMPINGS*
STAMPINGS *-PAPER See* PAPER

STAMPS *-MARKING*

Griffin Co., John ... 2117 Grand Ave. St Paul 5 ... Minn
MARKEM MACHINE CO., Adv Pg 248 ... 150 Congress St. Keene ... NH
Matthews & Co. James H. ... 3821 Forbes Ave. Pittsburgh 13 ... Pa
Mayer Co., George J. ... 546 E. Market St, Indianapolis ... Ind
Mid-West Spring Mfg. Co ... 4632 S Western Ave. Chicago ... Ill
Noble & Westbrook Mfg. Co ... 27 Westbrook St. East Hartford 8 ... Conn
Numberall Stamp & Tool Co ... Huguenot Park, Staten Island 12 ... NY
Speed Electronics Inc ... 177 Mill Ln. Mountainside ... NJ
STAFFORD MFG. CO. INC., Adv Pg 124 ... 145 50th St. Brooklyn 20 ... NY

STAMPS *-SCHEMATIC SYMBOL See* DRAFTING SUPPLIES
STANDARD CELLS *See* CELLS *-STANDARD*

STANDARDS

1. A-C VOLTAGE, ELECTRONIC — *7. FREQUENCY, R-F*
2. CAPACITANCE — *8. INDUCTANCE*
3. D-C VOLTAGE, ELECTRONIC — *9. PHASE*
4. FREQUENCY, A-F — *10. Q*
5. FREQUENCY, ATOMIC TYPE — *11. RESISTANCE*
6. FREQUENCY, MICROWAVE — *12. TIME*
STANDARD COILS ONLY *See* COILS

AC Electronics, Inc., 8-10 ... 11725 Mississippi Ave. Los Angeles 25 ... Cal
A. O. I. P., 2-3-8-11 ... 23 Pl. Jeanne d'Arc, Paris 13 ... Fr
ABRAMS INSTRUMENT CORP., 3, Adv Pg 415 ... 606 E Shiawassee, Lansing ... Mich
ACCURATE INSTRUMENT CO., 4-12, Adv Pg 390 ... 2418 W Alabama, Houston 6 ... Tex
Airmec Ltd., 7 ... High Wycombe, Buckinghamshire ... Eng
Airtec, Inc., 6 ... 139 E. First Ave, Roselle ... NJ
AMERICAN TIME PRODUCTS, INC. DIV. BULOVA WATCH CO. INC., 4, Adv Pg 225 ... 61-20 Woodside Ave. Woodside 77 ... NY
ARCO ELECTRONICS INC., 2, Adv Pgs 14, 15, 200 ... Community Dr. Great Neck ... NY
Arnacc Corp., 4 ... 195 W Hills Rd. Huntington Sta ... NY
AVNET INSTRUMENT CORP., 2-4-11, Adv Pgs 331, 364 ... 70 State St. Westbury ... NY
Baird-Atomic Inc ... 33 University Rd. Cambridge 38 ... Mass
BALLANTINE LABS. INC., 1-3, Adv Pg 156 ... Boonton ... NJ
Biddle Co., James G., 11 ... 1316 Arch St. Philadelphia 7 ... Pa
BOONTON ELECTRONICS CORP., 2 Adv Pg 212 ... 738 Speedwell Ave. Morris Plains ... NJ
BOONTON RADIO CORP., 10, Adv Pg 282 ... 50 Intervale Rd. Boonton ... NJ
BORG EQUIPMENT DIV. AMPHENOL-BORG ELECTRONICS CORP., 6-7-12, Adv Pg 164 ... 120 S Main, Janesville ... Wis
Browning Labs., Inc., 12 ... 100 Union Ave, Laconia ... NH
Calibration Standards Corp., 1-3 ... 1025 Westminster Ave. Alhambra ... Cal
Collins Corp., G. L., 1-3 ... 2820 E Hullet St. Long Beach 5 ... Cal
Command Systems Inc., 3 ... 1135 N Stanford Ave. Los Angeles 59 ... Cal
Consolidated Controls Corp., 1-3 ... 6 Durant Ave. Bethel ... Conn
Delta-F Inc., 1-4-7-12 ... 113 E State St. Geneva ... Ill
DeMORNAY-BONARDI CORP., 6, Adv. Pgs. 178, 179 ... 780 S Arroyo Pkwy. Pasadena ... Cal
Designers for Industry, 4-7 ... 4241 Fulton Pkwy. Cleveland 9 ... Ohio
DOUGLAS MICROWAVE CO. INC., 6, Adv Pg 235 ... 252 E 3rd St. Mt Vernon ... NY
Dytronics, 9 ... P.O. Box 3676, Columbus 14 ... Ohio
EIR Corp., 3-11 ... 5177 Overland Ave, Culver City ... Cal
Electro Instruments, Inc., 1-3 ... 8611 Balboa Ave. San Diego 11 ... Cal
ELECTRO SCIENTIFIC INDUSTRIES INC., 2-11, Adv Pg 424 ... 7524 SW Macadam, Portland 19 ... Ore
Electronic Development Corp., 3 ... 423 W. Broadway, Boston 27 ... Mass
Engineered Magnetics Div., Gulton, 4 ... 13041 Cerise Ave, Hawthorne ... Cal
Epic Inc., 2 ... 150 Nassau St. New York 38 ... NY
Epsco Inc. Instruments. Div., 3 ... 275 Massachusetts Ave. Cambridge 39 ... Mass
Exact Engineering & Mfg., Inc ... Box 447, Oceanside ... Cal
FXR INC., 6, Adv Pgs 100, 101 ... 25-26 50th St. Woodside 77 ... NY
Fluke Mfg Co. Inc., John, 3 ... Mountlake Terrace ... Wash
Frequency Standards Div. Harvard Industries Inc., 6 ... Box 504, Asbury Park ... NJ
FRONTIER ELECTRONICS CO., 4-7-12, Adv Pg 193 ... 4606 Memphis Ave. Cleveland 9 ... Ohio
General Microwave Corp., 6 ... 47 Gazza Blvd. Farmingdale ... NY
Geotechnical Corp., 4-7-12 ... 3401 Shiloh Rd. Garland ... Tex
Gertsch Products, Inc., 6-7-9 ... 3211 S La Cienega Blvd. Los Angeles 16 ... Cal
Gombos Co., Inc., John, 6 ... Webro Rd, Clifton ... NJ
GRAY INSTRUMENT CO., 11, Adv Pg 480 ... 448 Mill Rd. Andalusia ... Pa
Greenray Industries, Electronics's Div., 4-7-12 ... Mechanicsburg ... Pa
Guildline Instruments Ltd., 3-8-11 ... Box 99, Smiths Falls ... Ont
Gyrex Corp., 4-12 ... 3003 Pennsylvania Ave, Santa Monica ... Cal
HEWLETT-PACKARD CO., 4-7-12, Adv. Pgs. 19-34 ... 1501 Page Mill Rd. Palo Alto ... Cal
Holt Instrument Laboratories, 1 ... Box 230, Oconto ... Wis
INDUSTRIAL TEST EQUIPMENT CO., 4-9, Adv Pg 422 ... 55 E 11th St. New York 3 ... NY
Itek Labs Div. Itek Corp., 12 ... 10 Maguire Rd. Lexington 73 ... Mass
Jordan Electronics Div. Victoreen Ins. Co., 4-7 ... 121 S Palm Ave. Alhambra ... Cal
JULIE RESEARCH LABS. INC., 3-11 Adv Pg 392, 393 ... 603 W. 130 St. New York 27 ... NY
Keithley Instruments, Inc., 3 ... 12415 Euclid Ave. Cleveland 6 ... Ohio
Kennedy Co., 4 ... 2029 N Lake Ave. Altadena ... Cal
KIN TEL DIV., COHU ELECTRONICS, 1-3, Adv Pgs 244, 245, 247 ... 5725 Kearny Villa Rd. San Diego 12 ... Cal
KNIGHTS CO., JAMES, 7, Adv Pg 82 ... Sandwich ... Ill
LAVOIE LABORATORIES INC., 7, Adv Pg 312 ... Morganville ... NJ
Leeds & Northrup Co., 2-3-8-11 ... 4977 Stenton Ave, Philadelphia 44 ... Pa
Marconi's Wireless Telegraph Co., Ltd., 7 ... 750 Third Ave, New York 17 ... NY
Marstan Electronics Corp., 11 ... 214 Babylon Tpke. Roosevelt ... NY
Melpar Inc., 4 ... 3000 Arlington Blvd. Falls Church ... Va
Microdot, Inc., 6-7 ... 220 Pasadena Ave. South Pasadena ... Cal
Microwave Associates, Inc., 6 ... Burlington ... Mass
Microwave Dynamics Corp., 6 ... 5 Fairchild Ct, Plainview ... NY
Mid-Eastern Electronics, Inc., 3-11 ... 32 Commerce St. Springfield ... NJ
Minn-Honeywell, Rubicon Instruments, 11 ... Ridge at 35 St, Philadelphia 32 ... Pa
NATIONAL RADIO CO., 5, Adv Pg 499 ... 37 Washington St. Melrose 76 ... Mass
New England Scientific Instruments Corp., 2-11 ... 228 Main St. Cambridge 42 ... Mass
New London Instrument Co., 1 ... 82 Union St. New London ... Conn
Norman Laboratories, Ernst, 4-6-7-12 ... Williams Bay ... Wis
NORTH HILLS ELECTRONICS INC., 1-3, Adv Pg 505 ... Glen Cove ... NY
NORTHEASTEN ENGINEERING INC., 7, Adv Pgs 289-292 ... Box 150, Manchester ... NH
NORTHERN ENGINEERING LABS., INC., 4-7 Adv Pg 524 ... 372 Wilmot Ave. Burlington ... Wisc
Orion Electronic Corp., 1-3 ... 108 Columbus Ave. Tuckahoe ... NY
PRD ELECTRONICS INC., 6, Adv. Pgs. 113-116 ... 202 Tillary St. Brooklyn 1 ... NY
Performance Measurements Co., 3 ... 15127 3rd Ave. Detroit 3 ... Mich
Philamon Laboratories, Inc., 4 ... 90 Hopper St, Westbury ... NY
PHYSICS RESEARCH LABS. INC., 2-11, Adv Pg 478 ... Box 555, Hempstead ... NY
Pitometer Log Corp., 6-7-9 ... 237 Lafayette St, New York 12 ... NY
R M S Engineering Inc., 7-12 ... 95 Bennett St. NW, Atlanta 9 ... Ga
R-Tronics Corp., 11 ... 134-20 Jamaica Ave. Richmond Hill ... NY
Radio Frequency Labs., Inc., 1-3 ... Boonton 2 ... NJ
REEVES HOFFMAN DIV. DYNAMICS CORP OF AMER., 4-7 Adv Pg 507 ... 145 Cherry St. Carlisle ... Pa
Remanco Inc., 1-3-6-7-9 ... 1805 Colorado, Santa Monica ... Cal
Riverbank Labs. Dept of Engrg., 4-12 ... Box 65, Geneva ... Ill
ROHDE & SCHWARZ, USA INC., 2-4-6-7-12, Adv Pg 403 ... Box 275, Passaic ... NJ
Rotek Instrument Corp., 1-3 ... 733 Concord Ave. Cambridge 38 ... Mass
Savoy Electronics Inc., 7 ... 1314 NE 17 Ct. Box 7127, Ft Lauderdale ... Fla
SENSITIVE RESEARCH INSTRUMENT CORP., 3-8-11, Adv Pg 109 ... 310 Main St. New Rochelle ... NY

SHIMADA PHYSICAL & CHEMICAL INDUSTRIAL CO., 6
Adv Pg 258 .... 415 Shibazakicho.chofu-city, Tokyo .... Jap
Simmonds Precision Prods Inc., 2 .... 105 White Plains Rd. Tarrytown .... NY
Simpson Electric Co. Div. American Gage & Machine Co., 3 .... 5218 W Kinzie St. Chicago 44 Ill
Smith-Florence, Inc., 3 .... 4228 23rd W., Seattle .... Wash
Spectrol Electronics Corp., 3-4 .... 1704 S Del Mar, San Gabriel .... Cal
Sperry Microwave Electronics Co., 6-9-10 .... Box 1828, Clearwater .... Fla
Sprague Electric Co., 2 .... 125 Marshall St. North Adams .... Mass
Strand Labs, Inc., 6 .... 294 Centre St. Newton .... Mass
TECHNOLOGY INSTRUMENT CORP OF ACTON, 9,
Adv Pgs 84, 85 .... 536 Main St. Acton .... Mass
Tenis Research Corp., 1 .... 9424 Lyndale Ave S., Minneapolis 20 .... Minn
Tensor Electric Development Co. Inc., 1-3 .... 1873 Eastern Pkwy. Brooklyn .... NY
Thiele Instrument Corp., 9 .... 52 Victor St, Saddle Brook .... NJ
TOKYO DENKI SEIKI CO. LTD., 6, Adv Pg 264 .... 11 2-chome, Nakamachi, Kanda, Chiyoda-ku, Tokyo .... Jap
TOROTRON CORP., 8-10, Adv Pg 234 .... 256 E 3rd St. Mt Vernon .... NY
TRANSISTOR SPECIALTIES, 7, Adv Pg 325 .... Terminal Dr. Plainview .... NY
Ultronix, Inc., 11 .... 111 E. 20th Ave, San Mateo .... Cal
United Shoe Machinery Corp., 6 .... 140 Federal St. Boston .... Mass
VARO INC., 6-12 Adv Pg 118 .... 2201 Walnut St. Garland .... Tex
Vitro Corp of America, 12 .... 261 Madison Ave. New York 16 .... NY
Waltham Electronics Corp., 1 .... 751 Main St. Waltham 54 .... Mass
Wayne Kerr Corp., 2 .... 1633 Race St. Philadelphia 3 .... Pa
Wells Electronics Co., 7-8 .... 1701 S Main St. South Bend 23 .... Ind
Westrex Corp. Div. Litton Industries, 12 .... 540 W 58th St. New York 19 .... NY
Wilkie Co., 9 .... 717 Loma Verde Ave. Palo Alto .... Cal
Winthonics, 9 .... 213 S Hawthorne Blvd. Hawthorne .... Cal
Zenith Radio Corp., 12 .... 6001 Dickens Ave, Chicago 39 Ill

STANDARDS CALIBRATION SERVICES See CALIBRATION SERVICES
STANDING-WAVE DETECTORS See DETECTORS *-STANDING-WAVE*
STANDOFF INSULATORS See INSULATORS *-ANTENNA*

STANDS
1. MICROPHONE 2. SPEAKER 3. WAVEGUIDE
Airtec, Inc., 3 .... 139 E. First Ave, Roselle .... NJ
AIWA CO. LTD., 1, Adv Pg 264 .... 4 Motosakuma-cho, Kanda Chiyoda-ku, Tokyo .... Jap
Amplivox Ltd., 1 .... Brentford Ave. Wembley, Middx .... Eng
Andrew California Corp., 3 .... 941 E Maryland Ave. Claremont .... Cal
Astatic Corp., The, 1 .... Conneaut .... Ohio
Atlas Sound Corp., 1-2 .... 1443 39th St, Brooklyn 18 .... NY
Bruel & Kjaer, 1 .... Lindevej 23, Naerum, Denmark
BUDD STANLEY CO. INC., 3, Adv Pg 313 .... 175 Eileen Way, Syosset .... NY
C & I Waveguide Corp., 3 .... 301 W. Hoffman Ave, Lindenhurst .... NY
DeMORNAY-BONARDI CORP., 3,
Adv. Pgs. 178, 179 .... 780 S Arroyo Pkwy. Pasadena .... Cal
DOUGLAS MICROWAVE CO. INC., 3, Adv Pg 235 .... 252 E 3rd St. Mt Vernon .... NY
Dukane Corp., 1 .... St Charles Ill
Electro Voice, Inc., 1 .... Buchanan .... Mich
Fleet International Corp. .... 3722 N Milwaukee Ave. Chicago Ill
General Dynamics/Electronics, 1 .... 100 Carlson Rd. Rochester 3 .... NY
Henry & Miller Industries, Inc., 3 .... 675 Garfield Ave, Jersey City 5 .... NJ
HEWLETT-PACKARD CO., 3, Adv Pgs 19-34 .... 1501 Page Mill Rd. Palo Alto .... Cal
Marconi's Wireless Telegraph Co. Ltd., 1 .... 750 3rd Ave. New York 17 .... NY
Microwave Associates, Inc., 3 .... Burlington .... Mass
Narda Microwave Corp., 3 .... Plainview .... NY
OMEGA LABORATORIES INC., Adv Pg 226 .... Box 309, Rowley .... Mass
Radio Mfg. Engineers, Div. Electro Voice, Inc., 1 .... Buchanan .... Mich
SOMOTOXE CORP., 1 Adv Pg 375 .... Elmsford .... NY
Speed Electronics Inc .... 177 Mill Ln. Mountainside .... NJ
Sperry Microwave Electronics Co., 3 .... Box 1828, Clearwater .... Fla
Standard Tel. & Cables Ltd., 1 .... 29 Glasshouse Yard, London .... Eng
Tannoy (America) Ltd., 1 .... Box 177, East Norwich .... NY
Victor R.F. & Microwave Co .... 38 W Water St. Wakefield .... Mass
Waveline, Inc., 3 .... P.O. Box 718, Caldwell .... NJ

STAPLING MACHINES See MACHINES *-STAPLING*
STATIC CONTROLS See REACTORS *-SATURABLE*: AMPLIFIERS *-MAGNETIC*
STATIC RELAYS See RELAYS
STEATITE See *CERAMICS*

STEEL
1. BARS & RODS 2. SHEETS 3. SHEETS, PLASTIC-COATED OR LAMINATED
TUBING See TUBING *-METALLIC*: WIRE See WIRE *-BARE*
Allegheny Ludlum Steel Corp., 1-2 .... 2020 Oliver Bldg, Pittsburgh 22 .... Pa
American Silver Co. Inc., 1 .... 36-07 Prince St. Flushing 54 .... NY
Armco Steel Corp., 2 .... 703 Curtis St, Middletown .... Ohio
Carpenter Steel Co., 1 .... 101 W Bern St. Reading .... Pa
CRUCIBLE STEEL CO OF AMERICA, 1-2,
Adv. Pgs. 160, 161 .... Box 88, Pittsburgh 30 .... Pa
Eaton Mfg. Co., Reliance Div., 1 .... 25 Charles Ave. S.E., Massillon .... Ohio
Republic Steel Corp., 1-2-3 .... Republic Bldg. Cleveland 1 .... Ohio
Ryerson & Son Inc. J.T., 1-2-3 .... 2558 W 16th St. Chicago 8 Ill
Schwitzer Co., S.T., 3 .... P.O. Box 170, Winfield .... Mim
Summit Industries, Inc., 3 .... 2114 W. Rosecrans Ave, Gardena .... Cal
Timken Roller Bearing Co., 1 .... Canton 6 .... Ohio
U.S. Steel Corp., 1-2-3 .... 525 Wm Penn Pl, Pittsburgh 30 .... Pa

STEEL *-ELECTRIC (FOR CORES)*
1. PUNCHED LAMINATIONS 2. SHEETS, STRIPS & COILS
Allegheny Ludlum Steel Corp., 1-2 .... 2020 Oliver Bldg. Pittsburgh 22 .... Pa
Armco Steel Corp., 2 .... 703 Curtis St, Middletown .... Ohio
Canadian Aviation Electronics Ltd .... Box 2030, Montreal 9 .... P.Q.
Carpenter Steel Co., 2 .... 101 W Bern St. Reading .... Pa
CRUCIBLE STEEL CO OF AMERICA, 2,
Adv. Pgs. 160, 161 .... Box 88, Pittsburgh 30 .... Pa
Jandor, Inc., 1 .... 428 Salem Ave, Dayton 6 .... Ohio
Laminations Co., 1 .... 302 Main St, Stamford .... Conn
Republic Steel Corp., 2 .... Republic Bldg. Cleveland 1 .... Ohio
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 2,
Adv Pg 81 .... 34 Forest St. Attleboro .... Mass
U.S. Steel Corp., 2 .... 525 Wm Penn Pl, Pittsburgh 30 .... Pa
YUTAKA ELECTRIC MFG. CO. LTD., 1-2,
Adv Pg 266 .... 1-1253 Yutaka-cho, Shinagawa-ku, Tokyo .... Jap

STEEL *-STAINLESS*
1. BARS & RODS 2. SHEETS 3. STRIP
TUBING See TUBING *-METALLIC*
Allegheny Ludlum Steel Corp., 1-2-3 .... 2020 Oliver Bldg, Pittsburgh 22 .... Pa
American Silver Co., Inc., 3 .... 36-07 Prince St, Flushing 54 .... NY
Armco Steel Corp., 1-2-3 .... 703 Curtis St, Middletown .... Ohio
Brass Metallurgical Chemical Co., 1-2 .... 870 E5 Ave. Philadelphia 26 .... Pa
Brush Beryllium Co., 3 .... 5209 Euclid Ave. Cleveland 3 .... Ohio
Carpenter Steel Co., 1-3 .... 101 W Bern St. Reading .... Pa
Carpenter Steel Co., Webb Wire Div., 1 .... New Brunswick .... NJ
Chase Brass & Copper Co., Inc., 1-2-3 .... 236 Grand St, Waterbury 20 .... Conn
CRUCIBLE STEEL CO OF AMERICA, 1-2-3,
Adv. Pgs. 160, 161 .... Box 88, Pittsburgh 30 .... Pa
Eaton Mfg. Co., Reliance Div., 1 .... 25 Charles Ave S.E., Massillon .... Ohio
Laminated Shim Co., Inc., 2 .... 4461 Union St, Glenbrook .... Conn
A.D. Mackay, Inc., 2 .... 198 Broadway, New York 38 .... NY
National-Standard Co., 3 .... Niles .... Mich
Republic Steel Corp., 1-2-3 .... Republic Bldg, Cleveland 1 .... Ohio
Riverside-Alloy Metal Div H K Porter Co. Inc., 1-2-3 .... 1 Pavilion Ave. Riverside .... NJ
Ryerson & Son, Inc., J.T., 1-2-3 .... 2558 W. 16th St, Chicago 8 Ill
Somers Brass Co., 3 .... 94 Baldwin Ave, Waterbury .... Conn
Steel Heddle Mfg. Co., 3 .... 2100 W. Allegheny Ave, Philadelphia 32 .... Pa
Superior Steel Div., Copperweld Steel Co., 3 .... Carnegie .... Pa
Sylvania Electric Products Inc. Parts Div., 3 .... 12 2nd Ave. Warren .... Pa
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 3,
Adv Pg 81 .... 34 Forest St. Attleboro .... Mass
Timken Roller Bearing Co., 1 .... Canton 6 .... Ohio
U. N. Alloy Steel Corp., 1-2-3 .... 361 Dorchester Ave, Boston 27 .... Mass
U.S. Steel Corp., 1-2-3 .... 525 Wm Penn Pl, Pittsburgh 30 .... Pa
Wallingford Steel Co., 3 .... Valley St, Wallingford .... Conn

STEPPING MOTORS See MOTORS
STEPPING SWITCHES See RELAYS *-STEPPING*: SWITCHES *-MULTICONTACT*
STEREO See AMPLIFIERS-A-F. *STEREO*: HEADS *-RECORDING. MAGNETIC TAPE*: PHONOGRAPHS *-STEREO*: PICKUPS *-PHONOGRAPH. STEREO*: PREAMPLIFIERS *-STEREO*: RECEIVERS *-RADIO: ENTERTAINMENT. STEREO*: RECORDERS *-MAGNETIC TAPE. STEREO*

STETHOSCOPES *-AMPLIFYING*
Bell Aerospace Corp .... Box 1, Buffalo 5 .... NY
Biophysical Electronics .... 221 Rock Hill Rd. Bala Cynwyd .... Pa
Chrono-log Corp .... Box 4587, Philadelphia 31 .... Pa
Electro-Medical Lab., Inc .... South Woodstock 8 .... Vt
Epsco Medical Div. Epsco Inc .... 275 Mass Ave. Cambridge 39 .... Mass
MAICO ELECTRONICS INC., Adv Pg 153 .... 21 N 3rd St. Minneapolis 1 .... Minn

STILLS See DEMINERALIZERS & STILLS *-WATER*

STIMULATORS *-MEDICAL ELECTRONIC*
Biophysical Electronics .... 221 Rock Hill Rd. Bala Cynwyd .... Pa
BIRTCHER CORP., Adv Pg 489 .... 4371 Valley Blvd. Los Angeles 32 .... Cal
Electro-Medical Lab., Inc .... South Woodstock 8 .... Vt
Epsco, Inc .... 3130 Eldridge St. Salt Lake City .... Utah
Epsco Medical Div. Epsco Inc .... 275 Mass Ave. Cambridge 39 .... Mass
Grason-Stadler Corp .... Electronics Park, West Concord .... Mass
Mooradian High Frequency Labs .... 13 E. Fort Lee Rd, Bogota .... NJ
Teca Corp .... 80 Main St, White Plains .... NY

STOOLS See BENCHES & STOOLS
STORAGE BATTERIES See BATTERIES
STORAGE BOXES See BOXES *-SHIPPING & STORAGE*
STORAGE *-COMPUTER* See MEMORIES *-COMPUTER*
STORAGE TUBES See TUBES *-CATHODE RAY*

STRAIGHTENERS *-TUBE PIN*
Dunn Specialty Co. Inc .... 811 Boston St. Lynn .... Mass
Nichols Products Co .... 323 N Main St. Moorestown .... NJ
Ross Co., Milton .... 235 Jacksonville Rd, Hatboro .... Pa

STRAIN CONTROLS See CONTROLS *-STRAIN*
STRAIN-GAGE AMPLIFIERS See AMPLIFIERS *-INSTRUMENTATION*
STRAIN-GAGE BRIDGE CALIBRATORS See CALIBRATORS *-TRANSDUCER*
STRAIN GAGES See GAGES *-STRAIN*
STRAIN INDICATORS See INDICATORS *-STRAIN*
STRAIN INSULATORS See INSULATORS *-ANTENNA*
STRAIN RECORDERS See RECORDERS *-STRAIN*
STRAIN RELIEFS See RELIEFS *-STRAIN*

STRETCHERS *-LINE, MICROWAVE*
ANTENNA SYSTEMS, INC., Adv Pg 428 .... Hingham Industrial Center, Hingham .... Mass
Allen Corp. Applied Dynamics Div .... 330 Bear Hill Rd. Waltham .... Mass
Bogart Mfg Corp .... 315 Seigel St. Brooklyn 6 .... NY
Caswell Electronics Corp .... 414 Queens Ln. San Jose 12 .... Cal
DOUGLAS MICROWAVE CO. INC., Adv Pg 235 .... 252 E 3rd St. Mt Vernon .... NY
EMI-Cossor Electronics Ltd .... Box 525 Dartmouth NS .... Can
FXR INC., Adv Pgs 100, 101 .... 25-26 50th St. Woodside 77 .... NY
General Microwave Corp .... 47 Gazza Blvd. Farmingdale .... NY
Gerthos Co., Inc., John .... Delbo Rd, Clifton .... NJ
Kearfott Div. Gen. Precision Inc. Microwave Prods .... 14844 Oxnard St. Van Nuys .... Cal
LIECO INC., Adv Pg 398 .... 150 Eileen Way, Syosset .... NY
Meridian Metalcraft, Inc .... 8739 S Millergrove Dr. Whittier .... Cal
MICROLAB, Adv Pg 356 .... 570 W Mt. Pleasant Ave. Livingston .... NJ
Microwave Semiconductor & Inst. Inc .... 116-06 Myrtle Ave. Richmond Hill 18 .... NY
OMEGA LABORATORIES INC., Adv Pg 226 .... Box 309, Rowley .... Mass
Precision Microwave Corp .... Main St. Millis .... Mass
Rantec Corp .... 23999 Ventura Blvd, Calabasas .... Cal
Sage Laboratories, Inc .... 3 Huron Dr, Natick .... Mass
SANDERS ASSOCIATES INC., Adv Pg 380 .... 95 Canal St. Nashua .... NH
Sperry Microwave Electronics Co .... Box 1828, Clearwater .... Fla
TELERAD DIV. LIONEL CORP.,
Adv Pgs 220, 221 .... Rt 69, Flemington .... NJ
United Shoe Machinery Corp .... 140 Federal St. Boston .... Mass
Victor R.F. & Microwave Co .... 38 W Water St. Wakefield .... Mass
Waveline, Inc .... P.O. Box 718, Caldwell .... NJ

STRIP CHART RECORDERS See RECORDERS *-GRAPHIC*

STRIP-LINE COMPONENTS *-MICROWAVE (Incl. FILTERS)*
ARRA CORP., Adv Pg 498 .... 27 Bond St. Westbury .... NY
Bogart Mfg Corp .... 315 Seigel St. Brooklyn 6 .... NY
Brand, William-Rex Div .... 46 Sudbury Rd, Concord .... Mass
CONTROL ELECTRONICS CO. INC.,
Adv Pg 444 .... 10 Stepar Pl. Huntington Sta .... NY
E & M Laboratories .... 15145 Califa St. Van Nuys .... Cal
Electrada Corp .... 11244 Playa St. Culver City .... Cal
FXR INC., Adv Pgs 100, 101 .... 25-26 50th St. Woodside 77 .... NY
Film Resistors Inc .... 242 Ridgedale Ave. Morristown .... NJ
General Microwave Corp .... 47 Gazza Blvd. Farmingdale .... NY
KEARFOTT DIV. GEN PRECISION INC.,
Adv Pg 394 .... Little Falls .... NJ
Kearfott Div. Gen. Precision Inc. Microwave Prods .... 14844 Oxnard St. Van Nuys .... Cal
Meridian Metalcraft, Inc .... 8739 S Millergrove Dr. Whittier .... Cal
Microwave Associates, Inc .... Burlington .... Mass
Microwave Semiconductor & Inst. Inc .... 116-06 Myrtle Ave. Richmond Hill 18 .... NY
PORTCHESTER INSTRUMENT CORP.,
Adv Pg 468 .... 114 Wilkins Ave. Port Chester .... NY
Rantec Corp .... 23999 Ventura Blvd. Calabasas .... Cal
Sage Laboratories, Inc .... 3 Huron Dr, Natick .... Mass
SANDERS ASSOCIATES INC., Adv Pg 380 .... 95 Canal St. Nashua .... NH
Sperry Microwave Electronics Co .... P.O. Box 1828, Clearwater .... Fla
Surface Conduction, Inc .... 1501 Broadway, New York 36 .... NY
Techniques, Inc .... 40 Jay St. Englewood .... NJ
TELERAD DIV. LIONEL DIV.,
Adv Pgs 220, 221 .... Rt 69, Flemington .... NJ
United Shoe Machinery Corp .... 140 Federal St. Boston .... Mass

STRIPPERS *-WIRE*
1. AUTOMATIC 2. AUTOMATIC STRANDED-WIRE WITH TIN-REFLOWING HEATER 3. CHEMICAL 4. HAND 5. HOT-WIRE
American Electrical Heater Co .... 6110 Cass Ave. Detroit 2 .... Mich
AMP INC., 1-3, Adv Pgs 65, 193 .... Eisenhower Blvd. Harrisburg .... Pa
Artos Engineering Co., 1 .... 2757 S 28th St. Milwaukee 46 .... Wis
Barco Chemical Products Co., 3 .... 701-703 S. La Salle, Chicago 5 Ill
Blonder-Tongue Laboratories, Inc., 4 .... Dept EBG, 9 Alling St, Newark 2 .... NJ
Cadre Industries Corp., 1 .... Box 150, Endicott .... NY
Carpenter Mfg Co. Inc., 1-4 .... Hightbridge Rd. DeWitt 14 .... NY
Division Lead Co., 3 .... 7742 W. 61st Pl, Summit Ill
Enthone, Inc., 3 .... 442 Elm St. New Haven .... Conn
Eubanks Engineering Co .... 260 N Allen Ave. Pasadena .... Cal
Fidelity Chemical Products Corp., 3 .... 472 Frelinghuysen Ave, Newark .... NJ
G-C Electronics Co., 4 .... 400 S. Wyman St, Rockford Ill
Gardner-Denver Co., 4 .... S Front St. Quincy Ill
General Hardware Mfg. Co. Inc., 4 .... 82 White St. New York 13 .... NY
Hellerman Canada Ltd., 4 .... 44 Danforth Rd. Scarborough .... Ont
Holub Industries, Inc., 4 .... 443 Elm St. Sycamore Ill
Hunter Tool Co., 4 .... 9851 Alburtis, Santa Fe Springs .... Cal
Ideal Industries, Inc., 4-5 .... 5100 Park Ave, Sycamore Ill
Jennings Machine Corp., 1 .... 3452 Ludlow St, Philadelphia 4 .... Pa
London Chemical Co., 3 .... 1535 N 31st Ave. Melrose Park Ill
MacDermid Inc., 3 .... 526 Huntington Ave, Waterbury 20 .... Conn
Martindale Electric Co., 4 .... Edgewater Dr. Box 617, Cleveland 7 .... Ohio
Metachem Resins Corp. Memco Prod Div., 3 .... 500 Wellington Ave. Cranston 10 .... RI
Oakite Products, Inc., 3 .... 79 Rector St, New York 6 .... NY
Rush Wire Stripper Div., Eraser Co., 1-4 .... 1068 S. Clinton St, Syracuse 4 .... NY
Smith, Inc., Herman H., 4 .... 2326 Nostrand Ave, Brooklyn 10 .... NY
Snap-On Tools Corp., 4 .... 8129 - 28th Ave, Kenosha .... Wis
Technical Devices Co., 1 .... 11247 Playa Ct, Culver City .... Cal
Thomas Instrument Co., 1 .... Three Rivers, Phoenix .... NY
Vaco Products Co., 4 .... 317 E. Ontario, Chicago Ill
Warsco Electronics Mfg. Co., 4 .... 400 S Wyman St. Rockford Ill
Wenco Mfg. Co., (Simplex), 1-4 .... 1133 W. Hubbard St, Chicago 22 Ill
Western Electronic Products Co., 4-5 .... 2420 N Lake Ave, Altadena .... Cal
Wire Stripper Co., 1-4 .... 1722 Eastham Ave, East Cleveland 12 .... Ohio
Wye Industries, 3 .... 6 General Devine Way, Boston 27 .... Mass
X-Acto Inc., 4 .... 48-41 Van Dam St. Long Island City 1 .... NY
Zoron Inc., 4 .... 612 W Monroe St. Chicago 6 Ill

STRIPS *-GROUNDING*
Technical Wire Products, Inc .... 129 Dermody St. Cranford .... NJ

STRIPS *-MOUNTING & TERMINAL* See BOARDS *-TERMINAL STRIP*
STRIPS *-METAL* See *METAL DESIRED*

STRIP TRANSMISSION LINES *-MICROWAVE*
ARRA CORP., Adv Pg 498 .... 27 Bond St. Westbury .... NY
Bogart Mfg Corp .... 315 Seigel St. Brooklyn 6 .... NY
Kearfott Div. Gen. Precision Inc. Microwave Prods .... 14844 Oxnard St. Van Nuys .... Cal
Microwave Associates, Inc .... Burlington .... Mass
PREMIER MICROWAVE CORP., Adv Pg 469 .... 33 New Broad St. Port Chester .... NY
SANDERS ASSOCIATES INC., Adv Pg 380 .... 95 Canal St. Nashua .... NH
Surface Conduction, Inc .... 1501 Broadway, New York 36 .... NY
TELERAD DIV. LIONEL CORP.,
Adv. Pgs. 220, 221 .... Rt 69, Flemington .... NJ
United Shoe Machinery Corp .... 140 Federal St. Boston .... Mass

STROBOSCOPES
1. EXTERNALLY SYNCHRONIZED 2. INTERNALLY SYNCHRONIZED
Aerotronic Associates Inc., 1-2 .... Box 367, Contoocook .... NH
Ameresco Inc., 2 .... 14 Center Ave. Little Falls .... NJ
Berkshire Laboratories, 2 .... 11-30 Kingsford Rd. Hanover .... NH
Chadwick Helmuth Co., 1-2 .... 472 E. Duarte Rd, Monrovia .... Cal
Communication Measurements Lab., Inc., 1-2 .... 350 Leland Ave, Plainfield .... NJ
Dawe Instruments Ltd., 1-2 .... Harlequin Ave. Brentford, Middx .... Eng
EMI-Cossor Electronics Ltd., 1-2 .... Box 525 Dartmouth NS .... Can
Electronic Brazing Co., 1-2 .... 140 Glenridge Ave, Montclair .... NJ
General Radio Co., 1-2 .... West Concord .... Mass
Kahl Scientific Instrument Corp., 1-2 .... 737 W Main St. El Cajon .... Cal
Kemlite Laboratories, Inc., 1-2 .... 1819 W. Grand Ave, Chicago 22 Ill
Kingston Electronics, Div., King. Ind., Inc., 2 .... Medfield .... Mass
Mayer & Co., KG, 1-2 .... Am Wagenberg, Neheim-Huesten 2, West Germany
MERCURY ELECTRONICS CO., 1-2, Adv Pg 530 .... Box 450, Red Bank .... NJ
Minn-Honeywell, Military Prods Gr., 2 .... 2600 Ridgway Rd. Minneapolis 13 .... Minn
Nichols, Ltd., R.H., 1-2 .... 4544 Dufferin St, Downsview, Ontario, Canada

Power Instruments, Inc., 1 .... 7352 N Lawndale Ave. Skokie Ill
Rescon Electronics Corp., 1 .... 151 Bear Hill Rd. Waltham 54 .... Mass
SHAPIRO & EDWARDS, 1-2, Adv Pg 512 .... **1180 Mission St. South Pasadena** .... **Cal**
Slaughter Co., 1-2 .... Piqua 9 .... Ohio
Sticht Co., Inc., Herman H., 2 .... 27 Park Pl, New York 7 .... NY

STROBOSCOPE —*SYNCHRONIZER*
Chadwick Helmuth Co .... 472 E. Duarte Rd, Monrovia .... Cal
Minn-Honeywell, Military Prods Gr .... 2600 Ridgway Rd. Minneapolis 13 .... Minn
Power Instruments, Inc .... 7352 N Lawndale Ave. Skokie Ill
Winkler Laboratories .... 5225 N. 20th St, Phoenix .... Ariz

STROBOSCOPIC LAMPS See **LAMPS**

STRONTIUM & STRONTIUM COMPOUNDS
Barium & Chemicals, Inc .... Willoughby .... Ohio
Bram Metallurgical Chemical Co .... 820 65 Ave, Philadelphia 26 .... Pa
King Laboratories, Inc .... 127 Solar St, Syracuse 3 .... NY
A.D. Mackay, Inc .... 198 Broadway, New York 38 .... NY

STYLI See **NEEDLES**
STYLUS PRESSURE GAGES See **GAGES** —*STYLUS PRESSURE*
SUBCARRIER OSCILLATORS See **OSCILLATORS — R-F**
SUBMINIATURE AMPLIFIERS See **AMPLIFIERS — A-F**
SUBMINIATURE LAMPS See **LAMPS**

SUBMINIATURIZATION SERVICES
Computer Techniques Inc .... 3300 Northern Blvd. Long Island City 1 .... NY
Philco Corp., Gov't & Ind'l Div .... 4700 Wissahickon Ave, Philadelphia 44 .... Pa
Radio Corp. of America, Defense Electronic Prods. .... Bldg. 15-2 Camden .... NJ
Ross Co., Milton .... 239 Jacksonville Rd. Hatboro .... Pa
United Products Co .... 165 Franklin Ave. Nutley 10 .... NJ
Walkirt Co .... 141 W Hazel St. Inglewood 3 .... Cal
Waltham Precision Instrument Co .... 221 Crescent St. Waltham 54 .... Mass
Wells Electronics Co .... 1701 S Main St. South Bend 23 .... Ind

SUMMING AMPLIFIERS See **AMPLIFIERS** —*COMPUTER*
SUNSHINE CHAMBERS See **CHAMBERS** —*ENVIRONMENTAL TEST*
SUPERSONIC EQUIPMENT See **ULTRASONIC EQUIPMENT**

SUPPRESSORS —*AUTO RADIO IGNITION*
BIRNBACH RADIO CO. INC., Adv Pg 529 .... **145 Hudson St. New York 13** .... **NY**
CARBORUNDUM CO. REFRACTORIES DIV.,
Adv Pgs 104, 105 .... **Perth Amboy** .... **NJ**
Electronic Specialty Co .... 5121 San Fernando Rd. Los Angeles 39 .... Cal
G-C Electronics Co .... 400 S Wyman St. Rockford Ill

SUPPRESSORS —*NOISE, A-F & R-F*
1. ELECTRONIC 2. FILTER-TYPE
ADVANCED ELECTRONICS CORP., 2,
Adv Pg 404 .... **2 Commercial St. Hicksville** .... **NY**
Aerovox Corp., 1-2 .... 740 Belleville Ave. New Bedford .... Mass
All-Tronics, Inc., 2 .... 45 Bond St, Westbury .... NY
Bayly Engineering Ltd., 2 .... Hunt St. Ajax .... Ont
Bellaire Electronics, Inc., 2 .... 62 White St, Red Bank .... NJ
BIRNBACH RADIO CO. INC., 2, Adv Pg 529 .... **145 Hudson St. New York 13** .... **NY**
CORNELL-DUBILIER ELECTRONICS DIV. FED PACIFIC ELEC CO., 2,
Adv Pgs 148, 149 .... **50 Paris St. Newark 1** .... **NJ**
Devco Inc., 2 .... E Longmeadow .... Mass
Double "E" Products Co., 1-2 .... 208 Standard St. El Segundo .... Cal
Fedtro Inc., 2 .... Fed. Electr. Bldg. Rockville Centre .... NY
Globe Electronics,
Div. Textron Electronics, Inc., 1-2 .... 22-30 S. 34th St., Council Bluffs .... Iowa
Hallett Mfg. Co., 1-2 .... 5910 Bowcroft St, Los Angeles .... Cal
HALLICRAFTERS CO., 2, Adv Pg 385 .... **4401 W 5th St. Chicago 24** .... **Ill**
Miller Co., J.W., 2 .... 5917 S Main St. Los Angeles 3 .... Cal
Minicord Corp. of America, 1 .... 1913 Atlantic Ave. Atlantic City .... NJ
Molectronics Div. Belmc Ind. Inc., 1-2 .... 6344 Arizona Cir. Los Angeles 45 .... Cal
Orion Electronic Corp., 1-2 .... 108 Columbus Ave. Tuckahoe .... NY
OVITRON CORP., 2, Adv Pg 540 .... **42-62 Johnes St. Newburgh** .... **NY**
Penn Resistor Corp., 1 .... 526 N Broad St. Lansdale .... Pa
Philco Corp., Gov't & Ind'l Div., 1-2 .... 4700 Wissahickon Ave, Philadelphia 44 .... Pa
Radio Engineering Labs. Inc., 1 .... 29-01 Borden Ave. Long Island City 1 .... NY
SEG ELECTRONICS CO. INC., 2, Adv Pg 529 .... **12 Hinsdale St. Brooklyn 7** .... **NY**
Smith, Inc. Herman H., 1 .... 2326 Nostrand Ave. Brooklyn 10 .... NY
Space Electronics Corp., 1 .... 930 Air Way, Glendale 1 .... Cal
Sparton Corp., 1-2 .... 2400 E Ganson St. Jackson .... Mich
Telechrome Mfg Corp., 1-2 .... 185 Dixon Ave. Amityville .... NY
Telegraph Condenser Co. Ltd., 2 .... N Acton, London W3 .... Eng
Thordarson-Meissner Mfg. Co., 2 .... 7th & Belmont Ave. Mt. Carmel Ill
TOROTRON CORP., 2, Adv Pg 234 .... **256 E 3rd St. Mt Vernon** .... **NY**
Welex Electronics Corp., 1 .... 1000 16th St. NW, Washington .... DC
Wells Electronics Co., 1-2 .... 1701 S Main St. South Bend 23 .... Ind
Western Electro-Acoustic Lab., 2 .... 11717 San Vicente Blvd, Los Angeles .... Cal

SURFACE ROUGHNESS INDICATORS See **INDICATORS** —*SURFACE-ROUGHNESS*
SURFACE ROUGHNESS RECORDERS See **RECORDERS** —*SURFACE-ROUGHNESS*
SURGE LIMITERS See **LIMITERS**
SURGE PROTECTORS See **PROTECTORS**
SURPLUS NEW & USED EQUIPMENT See Pages 588 To 604

SURVEYING EQUIPMENT —*ELECTRONIC*
Canadian Applied Research Ltd .... 750 Lawrence Ave W. Toronto 19 .... Can
Concord Control, Inc .... 1282 Soldiers Field Rd, Boston 35 .... Mass
CUBIC CORP., Adv Pgs 329, 330 .... **5575 Kearny Villa Rd. San Diego 11** .... **Cal**
Electronic Specialty Co .... 5121 San Fernando Rd. Los Angeles 39 .... Cal
Lear Inc .... 3171 S Bundy Dr. Santa Monica .... Cal
Rank Cintel Ltd .... Worsley Bridge Rd, London S.E. 26, England
Seiscor Div. Seismograph Service Corp .... 6200 E 41 St. Tulsa .... Okla

SURVEYING EQUIPMENT —*GEOPHYSICAL & MINERAL* See **GEOPHYSICAL APPARATUS**
SUSPENSIONS —*SPEAKER CONE* See **SPIDERS**
SWEEP AMPLIFIERS See **AMPLIFIERS — R-F**
SWEEP CALIBRATORS See **GENERATORS** —*SIGNAL*
SWEEP RESOLVERS See **RESOLVERS**
SWEEPING OSCILLATORS See **GENERATORS** —*SIGNAL, R-F SWEEP*

SWITCHES —*AUTOMATICALLY OPERATED*
1. EXPLOSIVE-ACTUATED
2. FLOAT
3. INERTIA (IMPACT)
4. INTERLOCK (SAFETY)
5. LIMIT
6. MAGNET-ACTUATED
7. PRESSURE-ACTUATED, AIR (Incl. ALTITUDE)
8. PRESSURE-ACTUATED, GAS
9. PRESSURE-ACTUATED, LIQUID
10. SPEED-ACTUATED
11. THERMAL (HEAT-ACTUATED)
12. TRANSFER, ANTENNA
13. TRANSFER, ELECTRICALLY-HELD
14. TRANSFER, MECHANICALLY-HELD

Adams-Russell Co. Inc., 1-12 .... 200 Sixth St. Cambridge 42 .... Mass
Aero Mechanism Inc., 3-7-8-9 .... 13066 Saticoy St., Van Nuys .... Cal
Allen-Bradley Co., 2-5-6-7-8-9 .... 136 W Greenfield Ave. Milwaukee 4 .... Wis
American-Standard, Controls Div., 7-8 .... 5900 Trumbull, Detroit 8 .... Mich
Andrew California Corp., 12 .... 941 E Maryland Ave. Claremont .... Cal
Arch Gear Works, Inc., 5 .... 97 Holmes St, North Quincy 71 .... Mass
Armstrong Whitworth Equipment, 9 .... Hucclecote, Gloucester .... Eng
Arrow-Hart & Hegeman Electric Co., 2-5-6-11-13-14 .... 103 Hawthorne St. Hartford 6 .... Conn
Automatic Electric Sales Corp., 6 .... Northlake Ill
Automatic Switch Co., 6-13-14 .... 50-56 Hanover Rd, Florham Park .... NJ
Automation Products Inc., 2 .... 3030 Max Roy St. Houston 24 .... Tex
AVNET INSTRUMENT CORP., 5,
Adv Pgs 331, 364 .... **70 State St. Westbury** .... **NY**
Bay-Roy Electronics, Inc., 12 .... Box 7503, Cleveland 30 .... Ohio
Beckman & Whitley, Inc., 1 .... 993 San Carlos Ave. San Carlos .... Cal
Bendix Corporation, Friez Instrument Div., 3-7 .... 1400 Taylor Ave. Baltimore 4 .... Md
BENDIX CORP. MONTROSE DIV., 7-8-9,
Adv Pg 372 .... **South Montrose** .... **Pa**
Bemco Engineering Corp., 7 .... 2320 S Tibbs Ave. Indianapolis 41 .... Ind
Burling Instrument Co., 11 .... 23 River Rd, Chatham .... NJ
CANNON ELECTRIC CO., 6, Adv Pg 287 .... **3208 Humboldt St. Los Angeles 31** .... **Cal**
Camco M'fg Co., 1-7-8 .... 1879 Wilton Ave. Torrance .... Cal
Carruthers & Fernandez, Inc., 7-9 .... 1501 Colorado Ave, Santa Monica .... Cal
Century Electronics & Instruments, 7-8-9 .... 1333 N. Utica, Tulsa 10 .... Okla
Cherry Electrical Products Corp., 4-5 .... 1650 Deerfield Rd, Highland Park Ill
Clare & Co., C.P., 5-6-13-14 .... 3101 Pratt Blvd. Chicago 45 Ill
Clark Controller Co., 5-6 .... 1146 E. 152 St, Cleveland 10 .... Ohio
Cote-Hersee Co., 7-9 .... 20 Old Colony Ave. Boston .... Mass
Color-Lite Div. Sloan Co., 4 .... 7704 San Fernando Rd. Sun Valley .... Cal
Colvin Labs., Inc., 7-8-9 .... 364 Glenwood Ave, East Orange .... NJ
Consolidated Controls Corp., 7-8-9 .... 6 Durant Ave. Bethel .... Conn
Continental Electronics Mfg Co. Sub Ling-Temco Electronics, Inc., 12 .... 4212 S Buckner Blvd. Dallas 27 .... Tex
Control Div. of Magnetics Inc .... Butler .... Pa
Control Products, Inc., 11 .... 280 Ridgedale Ave. E Hanover .... NJ
Controls Switch Div. Controls Co. of Amer., 4-5-7-8 .... 4218 W Lake St. Chicago 24 Ill
Controls Co. of America, 5-6-7-9 .... 9555 Soreng Ave. Schiller Park Ill
Cook Electric Co., 7-8-9 .... 2700 Southport Ave. Chicago Ill
Cook Technological Center, 3 .... 6401 Oakton St. Morton Grove Ill
Cooper Development Corp., 10 .... 2626 S. Peck Rd, Monrovia .... Cal
Daystrom-Weston Eng Co., 7-8-9 .... 255 N Halstead Ave, Pasadena .... Cal
Dielectric Products Engrg. Co. Inc., 12 .... Raymond .... Me
Dietz Co., Inc., Henry G., 4-7-8-9 .... 12-16 Astoria Blvd, Long Island City 2 .... NY
Don-Lan Electronics Inc., 12-13 .... 1131 Olympic Blvd. Santa Monica .... Cal
Dynex Industries, Inc., 5 .... 170 Eileen Way, Syosset .... NY
E-T-A Products Co of America, 11 .... 6284 N. Cicero Ave, Chicago 46 Ill
Eastern Technical Associates, Inc., 3-10 .... Main St. North Acton .... Mass
Edcliff Instruments, 7-8-9 .... 1711 S Mountain Ave. Monrovia .... Cal
Electric Switch Corp., 7-8-9 .... 2320 S Tibbs Ave. Indianapolis 41 .... Ind
Electro-Mechanical Specialties, 6-13-14 .... 528 W Lambert Rd. Whittier .... Cal
Electro Seal Corp., 6 .... 946 North Ave, Des Plaines Ill
Electro-Switch & Controls, Inc., 12 .... 5755 Camino Ave, Culver City .... Cal
Electronic Controls Inc., 13-14 .... 66 Southfield Ave. Stamford .... Conn
ELECTROSPACE CORP., 5-7-10, Adv Pg 378 .... **99 E Hawthorne Ave. Valley Stream** .... **NY**
Fairchild Controls Corp., 6-7-8-9-10 .... 225 Park Ave. Hicksville .... NY
Ford Instrument Co. Div. Sperry Rand Corp., 6 .... 31-10 Thomson Ave. Long Island City 1 .... NY
Franklin-Davis Co., 11 .... 180 E. Mill St, Akron .... Ohio
Fredana Co., 7-8-9 .... 711 W Broadway, Glendale 4 .... Cal
G-V Controls, Inc., 11 .... Okner Pkwy, Livingston .... NJ
General Communication Co., 12-13-14 .... 677 Beacon St, Boston 15 .... Mass
General Controls Co., 5-7-8-9-11 .... 801 Allen Ave, Glendale 1 .... Cal
Giannini Controls Corp., 7-8-9 .... 1600 S. Mountain Ave, Duarte .... Cal
Goodrich Aviation Products, B. F., Div. B. F. Goodrich Co., 7-8-9 .... Akron .... Ohio
Gordos Corp., 6 .... 250 Glenwood Ave, Bloomfield .... NJ
HAMLIN, INC., 6, Adv Pg 541 .... **Lake & Grove Sts. Lake Mills** .... **Wis**
Haydon Switch Inc., 3-4-5-7-8-9 .... 536 S. Leonard St, Waterbury 20 .... Conn
Hermetic Seal Corp., 11 .... 29-37 S. Sixth St, Newark 7 .... NJ
Hydra Electric Inc., 7-8-9 .... 3151 Kenwood St. Burbank .... Cal
IMC Magnetics Corp. Arizona Div., 8-9 .... 917 W Madison St. Phoenix .... Ariz
Jaidinger Mfg. Co., Inc., 11 .... 1916 W. Hubbard St. Chicago 22 Ill
Janco Corp., 13-14 .... 3111 Winona Ave. Burbank .... Cal
JENNINGS RADIO MFG CORP., 12, Adv Pg 434 .... **970 Mc Laughlin Ave. P O Box 1278, San Jose 8** .... **Cal**
Kahl Scientific Instrument Corp., 6-11 .... 737 W Main St. El Cajon .... Cal
Kahn & Co. Inc., 10 .... 885 Wells Rd. Wethersfield .... Conn
Kellogg Switchboard & Supply Co., 6 .... 6650 S. Cicero Ave, Chicago 39 Ill
Lear-Romec Div. Lear, Inc., 7 .... Abbe Rd. Elyria .... Ohio
Licon Div. Illinois Tool Works, 4-5 .... 6615 W Irving Park, Chicago 34 Ill
LIONEL CORP., THE, 1, Adv Pgs 220, 221 .... **Hoffman Pl. Hillside** .... **NJ**
Liquidometer Corp., 2 .... 41-03 36th St. Long Island City 1 .... NY
Livingston Electronic Corp., 11-12-13 .... Livingston 3 .... NJ
Lundy Mfg Corp., 6 .... Robert Lane, Glen Head .... NY
McGill Mfg. Co., Inc., 4-10 .... 907 N. Lafayette St. Valparaiso .... Ind
Mechanical Ind. Production Co., 11 .... 217 Ash St, Akron 8 .... Ohio
Meletron Corp., 7-8-9 .... 950 N. Highland Ave, Los Angeles 38 .... Cal
Mercoid Corp., 2-5-6-7-9 .... 4201 Belmont Ave, Chicago 41 Ill
Mercury Contacts, Inc., 6 .... 1950 Neva Dr, Dayton 14 .... Ohio
MICRO SWITCH DIV. MINN-HONEYWELL, 4-5-11,
Adv Pg 68 .... **11 W Spring St. Freeport** .... **Ill**
Miller-Robinson Co., 7-8-9 .... 7007 Avalon Blvd, Los Angeles 3 .... Cal
Milli-Switch Corp., Aff., P.R. Mallory & Co., Inc., 4-5 .... P.O. Box 67, Mill Creek Rd, Gladwyne .... Pa
Molex Products Co., 6-11 .... 9515 Southview Ave. Brookfield Ill
Muter Co., 11 .... 1255 S. Michigan, Chicago 5 Ill
Nelson Electric Mfg. Co., 3 .... P.O. Box 5385, Tulsa 16 .... Okla
Networks Electronic Corp., 11 .... 14806 Oxnard St. Van Nuys .... Cal
Newark Controls Co., 1-2-7-8-9-10 .... 15 Ward St. Bloomfield .... NJ
Pacific Scientific Co., 3-6 .... Box 22019, Los Angeles 22 .... Cal
Pamar Electronics Inc. Sub Hume Inc., 7-8-9 .... 1 Tenakill Park, Cresskill .... NJ
Pear Inc., 12 .... 2624 Shelby St. Dallas 19 .... Tex
Pendar, Inc., 4-5-6 .... 14744 Arminta St. Van Nuys .... Cal
Photocon Research Products, 7-8-9 .... 421 N Altadena Dr. Pasadena .... Cal
Pioneer Electronics Corp., 6 .... 2235 S. Carmelina, W. Los Angeles 65 .... Cal
Post Electronics Products, 6 .... 12 Lothrop St. Beverly .... Mass
Precision Thermometer & Instrument Co., 11 .... 1432 Brandywine St. Philadelphia .... Pa
RF PRODUCTS DIV. AMPHENOL-BORG ELECTRONICS CORP., 10-12-13,
Adv Pg 204 .... **33 E Franklin St. Danbury** .... **Conn**
Rantec Corp., 12 .... 23999 Ventura Blvd, Calabasas .... Cal
Research Inc., 1 .... Box 6164, Edina Br. Mpls 24 .... Minn
Resitron Laboratories, Inc., 12 .... 2908 Nebraska Ave, Santa Monica .... Cal
Revere Corp of America Sub., Neptune Meter Co., 2 .... Wallingford 2 .... Conn
Rotary Devices Corp., 6 .... 30 Jay St. Englewood .... NJ
Rotron Mfg Co. Inc., 4 .... Hasbrouck Ln. Woodstock .... NY
Rucker Co. 7 .... 4700 San Pablo Ave. Oakland 8 .... Cal
Scaico Controls Inc., 11 .... 210 Taylor St. Riverside .... NJ
Security Controls, Inc., 5 .... 503 Franklin St. Buffalo .... NY
Servonic Instruments, Inc., 7-8-9 .... 1644 Whittier Ave. Costa Mesa .... Cal
Sparton Corp., 3-10 .... 2400 E Ganson St. Jackson .... Mich
Spec-Tronics, 4-9 .... 13942 Saticoy Ave, Van Nuys .... Cal
STEVENS MFG. CO. INC., 11, Adv Pg 457 .... **Box 1007, Mansfield** .... **Ohio**
Subminiature Instruments Corp., 1-5 .... 3230 Kansas Ave. Riverside .... Cal
Tapeswitch Corp of America, 1-3-5 .... 229-24 Linden Blvd. Cambria Heights 11 .... NY
TECH LABORATORIES INC., 10-12-13-14,
Adv Pg 395 .... **Bergen & Edsall Blvds. Palisades Park** .... **NJ**
TECHNOLOGY INSTRUMENT CORP. OF ACTON, 9-10,
Adv Pgs 84, 85 .... **536 Main St. Acton** .... **Mass**
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 5-7-11,
Adv Pg 81 .... **34 Forest St. Attleboro** .... **Mass**
Thermocal, Div., Jameson Labs, Inc., 3-4-5-7-8-9-11 .... 7900 Haskell Ave, Van Nuys .... Cal
Therm-O-Stats, Inc., 11 .... Chartley .... Mass
Topp Industries, Inc., 3-11 .... 5221 W. 102 St, Los Angeles 45 .... Cal
Torq Engineered Products, Inc., 10 .... 28 W. Monroe St, Bedford .... Ohio
ULANET CO., GEORGE, 11 Adv Pg 515 .... **413 Market St. Newark 5** .... **NJ**
Unimax Switch Div. Maxson Electronics Corp., 5 .... Ives Rd. Wallingford .... Conn
Union Switch & Signal Div. Westinghouse Air Brake Co. 4-7 .... Pittsburgh 18 .... Pa
United Control Corp., 2-11-14 .... Overlake Ind Pk. Box 3104, Seattle .... Wash
United Electric Controls Co., 5-7-8-9-11 .... 85 School St. Dept-C, Watertown 72 .... Mass
U.S. GAUGE DIV. AMER-MACH & METALS, INC., 7
Adv. Pgs. 419, 420 .... **Sellersville** .... **Pa**
U.S. Science Corp., 1-3-10 .... 5221 W. 102nd St, Los Angeles 45 .... Cal
Universal Match Corp. Armament Div., 1-8 .... 472 Paul Ave. St Louis 35 .... Mo
Vacuum - Electronics Corp., 7-8 .... Terminal Dr. Plainview .... NY
Valverde Laboratories, 11 .... 252 Lafayette St. New York 12 .... NY
Vapor Heating Corp., 11 .... 80 E. Jackson Blvd, Chicago 4 Ill
Weber Electronics, Inc., 7 .... Hancock & Somerset, Philadelphia 33 .... Pa
Westinghouse-Gen Purpose Controls Dept., 5-6 .... Buffalo .... NY
Williamson Development Co., 11 .... 317 Main St. W Concord .... Mass
Winterburn Mfg. Co., 2-10 .... Box 305, Putnam .... Conn
Wollonics, 4 .... 213 S Hawthorne Blvd. Hawthorne .... Cal
Zenith Electric Co., 6-13-14 .... 152 W. Walton St, Chicago 10 Ill

SWITCHES —*COAXIAL CABLE* See **SWITCHES** —*MICROWAVE*
SWITCHES —*CONTROL* See **SWITCHES** —*MANUAL*
SWITCHES —*CROSSBAR* See **SWITCHES** —*MULTI-CONTACT*
SWITCHES —*DECADE* See **SWITCHES** —*MULTI-CONTACT, TAP*
SWITCHES —*DUPLEX* See **SWITCHES** —*MANUAL FOR DESIRED TYPE*

SWITCHES —*ELECTROCHEMICAL (LIQUID)*
Avien, Inc .... 58-15 Northern Blvd. Woodside 77 .... NY
Bart Labs & Design Inc .... 125 Manchester Pl, Newark 4 .... NJ
Electro Tec Corp .... 10 Romanelli Ave, South Hackensack .... NJ
HAMLIN, INC., Adv Pg 541 .... **Lake & Grove Sts. Lake Mills** .... **Wis**
OVITRON CORP., Adv Pg 540 .... **42-62 Johnes St. Newburgh** .... **NY**
Photocon Research Products .... 421 N Altadena Dr. Pasadena .... Cal
Security Controls, Inc .... 503 Franklin St. Buffalo .... NY
Sylvania Electric Products Inc. Parts Div .... 12 2nd Ave. Warren .... Pa

SWITCHES —*ELECTRONIC* See **CONTROLS** *PROVIDING REQUIRED FUNCTION:* **AMPLIFIERS** —*MAGNETIC;* **MODULES** —*ACTIVE:* **RECTIFIERS** —*SEMICONDUCTOR, CONTROLLED*
SWITCHES —*FERRITE* See **SWITCHES** —*MICROWAVE*
SWITCHES —*FLOAT-TYPE* See **SWITCHES** —*AUTOMATICALLY OPERATED*
SWITCHES —*FOOT* See **SWITCHES** —*MANUAL*
SWITCHES —*HERMETICALLY SEALED* See **SWITCHES** —*MANUAL*
SWITCHES —*INERTIA* See **SWITCHES** —*AUTOMATICALLY OPERATED*
SWITCHES —*KEY-OPERATED* See **SWITCHES** —*MANUAL*
SWITCHES —*KNIFE* See **SWITCHES** —*MANUAL*
SWITCHES —*LIGHT-FLASHING* See **FLASHERS**
SWITCHES —*LIMIT* See **SWITCHES** —*AUTOMATICALLY OPERATED*
SWITCHES —*MAGNETIC AMPLIFIER* See **AMPLIFIERS** —*MAGNETIC*
SWITCHES —*MAGNET-OPERATED* See **SWITCHES** —*AUTOMATICALLY OPERATED*

SWITCHES —*MANUAL (POWER CONTROL, ON-OFF, CIRCUIT-CHANGING)*
1. FOOT
2. HERMETICALLY SEALED
3. KEY-OPERATED
4. KNIFE
5. MERCURY
6. MINIATURE
7. PRINTED-CIRCUIT TERMINAL
8. PUSHBUTTON
9. ROTARY
10. SLIDE
11. SNAP-ACTION
12. SUBMINIATURE
13. TOGGLE
14. VACUUM (HIGH-VOLTAGE)
A. O. I. P., 3-8-9 .... 23 Pl. Jeanne d'Arc, Paris 13 .... Fr
Acro Div. Robertshaw-Fulton Controls Co., 1-2-6-11-12-13 .... 2025 E Main, Columbus 16 .... Ohio
Air-O-Tronics Engineering Co., 8-9-10-11-13 .... Morrisville .... NY
AIRFLYTE ELECTRONICS CO., 2-6-9-12,
Adv Pg 342 .... **535-9 Avenue A, Bayonne** .... **NJ**
ALCO ELECTRONIC PRODUCTS, INC., 6-12-13,
Adv Pg 548 .... **3 Wolcott Ave. Lawrence 33** .... **Mass**
ALDEN PRODUCTS CO., 8, Adv Pg 359 .... **112 N Main St. Brockton 64** .... **Mass**
Allegri-Tech Inc., 6-7-9-12 .... 141 River Rd. Nutley 10 .... NJ
ALLIED CONTROL CO. INC., 7-8-12-13,
Adv Pg 102 .... **2 East End Ave. New York 21** .... **NY**
Amer-Monarch Corp. Amer. Elec. Div., 8 .... 2801 37th Ave. NE, Minneapolis 18 .... Minn
American-Standard, Controls Div., 6 .... 5900 Trumbull, Detroit 8 .... Mich
Ampco Mfg Co., 2-6-12 .... 246 E 2nd St. Plainfield .... NJ

Ardente Acoustic Labs Ltd., 6-9-10-12	8/12 Minerva Rd. London NW 10	Eng
Armstrong Whitworth Equipment, 9	Hucclecote, Gloucester	Eng
Arrow-Hart & Hegeman Electric Co., 1-3-4-6 8-9-10-11-13	103 Hawthorn St. Hartford 6	Conn
Automatic Corp., 11	Shepard Hill Rd, Roxbury	NY
Automatic Electric Sales Corp., 2-9	Northlake	Ill
Barwood Electronics, Inc., 1	121 S. Maryland Ave, Glendale 5	Cal
Bay-Roy Electronics, Inc., 9	Box 7503, Cleveland 30	Ohio
BEAD CHAIN MFG CO., Adv Pg 306	**110 Mountain Grove St. Bridgeport 5**	**Conn**
Benton Engineering Corp., 5	2320 S Tibbs Ave. Indianapolis 41	Ind
BIRNBACH RADIO CO. INC., 2-3-4-6-8-9-10-12-13 Adv Pg 529	**145 Hudson St. New York 13**	**NY**
BIRTCHER CORP., 1, Adv Pg 489	**4371 Valley Blvd. Los Angeles 32**	**Cal**
British Radio Electronics, Ltd., 9	1833 Jefferson Pl. NW, Wash 6	DC
CTS CORP., 6-7-8-9-11-12, Adv Pg 241	**1142 W Beardsley Ave. Elkhart**	**Ind**
Cable Electric Products, 4-8-10-11-13	236 Dobell St. Providence	RI
Capitol Machine Co., 9	36 Balmforth Ave, Danbury	Conn
Carling Electric, Inc., 1-6-8-9-10-11-12-13	505 New Park Ave. West Hartford 10	Conn
Carmo Mfg Co., 9-10-11-13	1879 Mullin Ave. Torrance	Cal
Carter Parts Co., 8	3401 Madison St, Skokie	Ill
CENTRALAB ELECTRONICS, DIV. GLOBE-UNION, INC., 6-7-9-10-12, Adv. Pgs. 376, 377	**914Y E Keefe Ave. Milwaukee 1**	**Wis**
Cherry Electrical Products Corp., 6-7-8-11	1650 Deerfield Rd, Highland Park	Ill
Chicago Telephone of Cal. Inc., 1-7-9-11	1010 Sycamore Ave. South Pasadena	Cal
Cinema Engineering Div. Aerovox Corp., 2-9	1100 Chestnut St. Burbank	Cal
Clare & Co., C.P., 3-8-9	3101 Pratt Blvd. Chicago 45	Ill
Clark Controller Co., 1-8-11	1146 E 152nd St. Cleveland 10	Ohio
CLAROSTAT MFG. CO., INC., 2-7-9-11, Adv Pg 501	**Dover**	**NH**
COLE ELECTRIC CO., 2, Adv Pg 584	**8439 Steller Dr. Culver City**	**Cal**
Cole-Hersee Co., 1-3-8-9-13	20 Old Colony Ave. Boston	Mass
Color-Lite Div. Steen Co., 8-12	7704 San Fernando Rd. Sun Valley	Cal
COMAR ELECTRIC CO., 7-12, Adv Pg 497	**3349 W Addison, Chicago 18**	**Ill**
COMPUTER INSTRUMENTS CORP., 9, Adv Pg 373	**92 Madison Ave. Hempstead**	**NY**
Continental-Wirt Electronics Corp., 10	5221 Greene St, Philadelphia 44	Pa
Control Products, Inc., 8-11-13	280 Ridgedale Ave. E Hanover	NJ
Control Switch Div. Controls Co. of Amer., 2-6 8-9-12-13	4218 W Lake St. Chicago 24	Ill
Controls Co. of America, 6-11	9555 Soreng Ave. Schiller Park	Ill
Cooper Hewitt Electric Co. Inc. Div. Sperti Faraday Inc., 14	732 Grand St. Hoboken	NJ
COUCH ORDNANCE, INC., 9, Adv Pg 288	**3 Arlington St. North Quincy 71**	**Mass**
Cutler-Hammer Inc., 1-2-3-6-8-9-10-11-13	411 N 12th St. Milwaukee 1	Wis
DAVEN CO., 2-6-9-12, Adv Pg 187	**Rt. 10, Livingston**	**NJ**
Dielectric Products Engrg. Co. Inc., 8-9-10	Raymond	Me
Digitran Co., 2-9	660 S Arroyo Pkwy, Pasadena	Cal
Durakool Inc., 2-5	1010 N Main St. Elkhart	Ind
Eagle Electric Mfg. Co., Inc., 4-5-8-9-11-13	23-10 Bridge Plaza S., L.I. City	NY
Eby Co., Hugh H., 8	4701 Germantown Ave, Philadelphia 44	Pa
ECLIPSE PIONEER DIV. BENDIX CORP., 13, Adv Pgs 354, 355	**Teterboro**	**NJ**
EITEL-MCCULLOUGH INC., 14, Adv Pgs 57-60	**301 Industrial Way, San Carlos**	**Cal**
Eldema Corp., 6-8-11-12	1805 Belcroft Ave, El Monte	Cal
Electric Switch Corp., 5	2320 S. Tibbs Ave, Indianapolis 41	Ind
Electro Development Co., 6-8	14101 Keswick St, Van Nuys	Cal
Electro-Mechanical Specialties, 9	528 W Lambert Rd. Whittier	Cal
ELECTRO MINIATURES CORP., 2-9, Adv Pg 494	**632 Huyler St. South Hackensack**	**NJ**
Electro Seal Corp., 2	945 North Ave, Des Plaines	Ill
Electro-Switch & Controls, Inc., 11	5755 Camille Ave, Culver City	Cal
ELECTRO SWITCH CORP., 6-9-11-12, Adv Pg 446	**167 King Ave. Weymouth 88**	**Mass**
Electro Tec Corp., 3-5-6-12	10 Romanelli Ave, South Hackensack	NJ
Electronic Controls Inc., 8	16 Southfield Ave. Stamford	Conn
ELECTROSPACE CORP., 2-13, Adv Pg 378	**99 E Hawthorne Ave. Valley Stream**	**NY**
Energy Kontrols, Inc., 2-5	15 S. First St, Geneva	Ill
Etching Corp. of Cal. Div. Allegri-Tech Inc., 7	865 Hinckley Rd. Burlingame	Cal
Fairchild Controls Corp., 9-10	225 Park Ave. Hicksville	NY
Ferranti Electric Inc., 14	Industrial Park #1, Plainview	NY
FIFTH DIMENSION INC., 2-6-9, Adv Pg 483	**Box 483, Princeton**	**NJ**
Genisco Corp. Industrial Div., 6-8-9-10-11-12-13	1200 Commerce Ave. Union	NJ
General Communication Co., 2-6-9	677 Beacon St, Boston 15	Mass
General Control Co., 1-6-8-11-12-13	1212 Soldiers Field Rd. Boston 34	Mass
General Controls Co., 2-5-6-11	801 Allen Ave. Glendale 1	Cal
General Controls Co. PIC Automation Controls Div., 1-5-11	8080 McCormick Blvd. Skokie	Ill
General Dynamics Electronics, 3-8	100 Carlson Rd. Rochester 3	NY
GENERAL ELECTRIC CO. APPARATUS SALES, 4-9-11-13, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
General Electric Co., Distribution Assemblies Dept., 4-9-13	41 Woodford Ave, Plainville	Conn
Genge Industries Inc., 9	440 W Los Feliz Blvd. Glendale	Cal
Glass-Tite Industries, Inc., 2-5	725 Branch Ave, Providence 4	RI
Gordos Corp., 5-6-14	250 Glenwood Ave. Bloomfield	NJ
Graphik-Circuits Div., Cinch, 9-10	200 S. Turnbull Canyon, City of Ind.	Cal
GRAYHILL, INC., 6-7-8-9-11-12, Adv. Pgs. 360, 361	**537 Hillgrove Ave. La Grange**	**Ill**
Grigsby Co. Inc., 6-7-8-9-10-11-12	407 Salem Ave. Arlington Heights	Ill
Guardian Electric Mfg. Co., 3-6-7-8-10-11-12	1550 W Carroll Ave. Chicago 7	Ill
HAMLIN, INC., 2-5-6-14, Adv Pg 541	**Lake & Grove Sts. Lake Mills**	**Wis**
HART MFG CO., 2-9-10-11-12-13, Adv Pg 298	**242 Bartholomew Ave. Hartford 1**	**Conn**
Harvey Hubbell, Inc., 11-13	State St & Bostwick Ave, Bridgeport 2	Conn
Hathaway Instruments Inc., 2-6	5800 E Jewell Ave. Denver 22	Colo
Haydon Switch Inc., 3-6-8-9-11-12-13	536 S Leonard St. Waterbury 20	Conn
Hermetic Seal Corp., 2-5-11	29-37 S. Sixth St, Newark 7	NJ
Hermetite Corp., 2	100 Lake St. Avon	Mass
Hughes Microwave Components Div., 9	Florence & Teale, Culver City	Cal
INDUSTRIAL DEVICES, INC., 9, Adv Pg 548	**Edgewater 8**	**NJ**
INDUSTRIAL ELECTRONIC HARDWARE CORP., 10, Adv Pg 555	**109 Prince St. New York 12**	**NY**
Industrial Instruments, Inc., 9	89 Commerce Rd. Cedar Grove	NJ
INDUSTRIAL TIMER CORP., 1, Adv Pg 381	**1407A McCarter Hwy. Newark 4**	**NJ**
Instruments, Inc., 11	Box 556, Tulsa	Okla
Interlab Inc., 8-9-13	116 Kraft Ave. Bronxville	NY
Invac Corp., 8	14 Huron Dr. Natick	Mass
J-B-T INSTRUMENTS INC., 9-12-13, Adv Pgs 133, 134	**133 Hamilton St. New Haven 8**	**Conn**
Jaidinger Mfg. Co., Inc., 8-11	1916 W. Hubbard St, Chicago 22	Ill
James Corp., 6-9-11-12	3111 Winona Ave. Burbank	Cal
Jevex Electronics, 9	P.O. Box 646, Redlands	Cal
JENNINGS RADIO MFG CORP., 14, Adv Pg 434	**970 Mc Laughlin Ave. P O Box 1278, San Jose 8**	**Cal**
Jerrold Electronics Corp., 9	15th & Lehigh, Philadelphia 32	Pa
Joy Mfg. Co., 8-11-13	Dept 59, Oliver Bldg. Pittsburgh 22	Pa
Kahl Scientific Instrument Corp., 5	737 W Main St. El Cajon	Cal
Kalpa Scientific Labs., 14	Box 172, Flemington	NJ
KATAOKA ELECTRIC CO. LTD., 7-8-9-10-12, Adv Pg 262	**247 Yukigaya-cho, Ohta-ku, Tokyo**	**Jap**
KAY ELECTRIC CO., 13 Adv Pg 347, 348	**Maple Ave. Pine Brook**	**NJ**
Kellogg Switchboard & Supply Co., 2	6650 S. Cicero Ave, Chicago 38	Ill
Kuhnke Electronics, H., 8-9-13	Malente/Holstein	Ger
Kulka Electric Corp., 11-13	633 S Fulton Ave. Mt Vernon	NY
Laboratoire Ind. de Physique Appl., 7-8-12	67 Rue MA Colombier, Bagnolet Seine	Fr
Ledex Inc., 2-9-11-12	123 Webster St. Dayton 2	Ohio
Leeds & Northrup Co., 4-8-9-13	4970 Stenton Ave. Phila. 44	Pa
Licon Div. Illinois Tool Works, 2-6-8-9-11-12-13	6615 W Irving Park, Chicago 34	Ill
LINE ELECTRIC CO., 1, Adv Pg 380	**229 River St. Orange**	**NJ**
Linemaster Switch Corp., 1	P.O. Box 52, Woodstock	Conn
Lundy Mfg Corp., 2-9	Robert Lane, Glen Head	NY
McGill Mfg. Co., Inc., 8-13	907 N. Lafayette St. Valparaiso	Ind
Malco Mfg. Co., 7	4023 W. Lake St. Chicago 24	Ill
Mallory Controls Co., 8-9-10	Frankfort	Ind
Marco Industries Co., 8-11	207 S. Helena St. Anaheim	Cal
Markite Corp., 9	155 Waverly Pl. New York 14	NY
MATSUSHITA ELECTRIC, 7-8-9-10, Adv Pg 255	**Box 288, Osaka Central, Tokyo**	**Jap**
Maurey Instrument Corp., 9	7924 S Exchange Ave. Chicago 17	Ill
Maxson Electronics Corp., 6-8-9-11-12-13	475 10th Ave. New York 18	NY
Meletron Corp., 2-11-12	950 N Highland Ave. Los Angeles 38	Cal
Mercoid Corp., 2-5-14	4201 Belmont Ave, Chicago 41	Ill
Mercury Contacts, Inc., 5	1950 Nova Dr, Dayton 14	Ohio
Micro-Lectric Inc., 9	19 DeBevoise Ave. Roosevelt	NY
MICRO SWITCH DIV. MINNEAPOLIS HONEYWELL, 1-2-5-6-8-9-11-12-13, Adv Pg 68	**11 W Spring St. Freeport**	**Ill**
Milli-Switch Corp., Aff., P.R. Mallory & Co., Inc., 8-9-11-12-13	P.O. Box 67, Mill Creek Rd. Gladwyne	Pa
Molded Insulation Co., 8-11	335 E Price St. Philadelphia 44	Pa
Molex Products Co., 8-11-13	9515 Southview Ave. Brookfield	Ill
Mossman, Inc., Donald P., 3-8	P.O. Box 265, Brewster	NY
Muirhead & Co., Ltd., 3-9	Beckenham, Kent, England	
Muter Co., 7-10	1255 S Michigan Ave. Chicago 5	Ill
Network Industries Inc., 11-13	210-216 Orient St. Bayonne	NJ
Newark Controls Co., 5	15 Ward St. Bloomfield	NJ
NEY CO., J. M., 6, Adv Pg 467	**Maplewood Ave. Bloomfield**	**Conn**
North Electric Co., 2-3-8-9	553 S Market St. Galion	Ohio
OAK MFG CO., 6-7-8-9-10-11, Adv Pg 283	**Crystal Lake**	**Ill**
OHMITE MFG. CO., 9, Adv Pgs 276, 277	**3601 Howard St. Skokie**	**Ill**
Parker Metal Goods Co., 10-13	85 Prescott St. Worcester	Mass
Partrick & Wilkins Co., 1-8-11	53 N 7th St. Philadelphia	Pa
Pendar, Inc., 2-3-6-8-10-11	14744 Arminta St. Van Nuys	Cal
Pioneer Electronics Corp., 14	2235 S. Carmelina, W. Los Angeles 65	Cal
POLLAK CORP., JOSEPH, 2-3-6-8-9-10-11-12-13-14, Adv Pg 500	**85 Freeport St. Boston 22**	**Mass**
Precision Line Inc., 9	63 Main St. Maynard	Mass
RF PRODUCTS DIV. AMPHENOL-BORG ELECTRONICS CORP., 6-9-13, Adv Pg 204	**33 E Franklin St. Danbury**	**Conn**
RMS Associates, Inc., 1	805 Mamaroneck Ave. Mamaroneck	NY
Radar Relay, Inc., 5-8	2322 Michigan Ave. Santa Monica	Cal
Radio Merchandise Sales, Inc., 4	2016 Bronxdale Ave. New York 62	NY
Resitron Laboratories, Inc., 14	2908 Nebraska Ave, Santa Monica	Cal
Roswell Corp., 8-11	180 Varick St. New York 14	NY
Rotary Devices Corp., 7-9-12	30 Jay St. Englewood	NJ
Sargent Electric Corp., 8-11-13	2316 40th Ave. Long Island City	NY
Sealectric Switch & Relay Co., 2-6-9-11	6023 N. Keystone, Chicago	Ill
SENSITIVE RESEARCH INSTRUMENT CORP., 8-9, Adv Pg 109	**310 Main St. New Rochelle**	**NY**
Shallcross Mfg. Co., 6-7-8-9	Selma	NC
Slip Ring Co. of America, 8	3612 W Jefferson Blvd. Los Angeles 16	Cal
Smith, Inc. Herman H., 3-4-6-8-9-10-12-13	2326 Nostrand Ave. Brooklyn 10	NY
Smith Mfg. Co., J&H, 9	Little Britain Rd, Newburgh	NY
Spartan Corp., 6-7-8-9-10-11-12	2400 E Ganson St. Jackson	Mich
Spec-Tronics, 3	13942 Saticoy Ave, Van Nuys	Cal
Square D Co., 1-3-4-8-9	4041 Richards, Milwaukee 12	Wis
Stackpole Carbon Co., 6-7-10-11	201 Stackpole St, St. Marys	Pa
Standard Electrical Products Co., 9	2240 E 3rd St. Dayton 3	Ohio
Subminiature Instruments Corp., 2-6-7-9-12	3226 Kansas Ave. Riverside	Cal
SWITCHCRAFT INC., 3-6-8-12-13, Adv Pg 236	**5537 Elston Ave. Chicago 30**	**Ill**
Sylvania Elec Prods Inc. Lighting Prods Div., 8	60 Boston St. Salem	Mass
Sylvania Electric Products Inc. Parts Div., 6-8-12	12 2nd Ave. Warren	Pa
Tabet Mfg. Co., Inc., 7	1336 Ballantine Blvd, Norfolk	Va
Topswitch Corp of America, 1-2-8	229-24 Linden Blvd. Cambria Heights 11	NY
TECH LABORATORIES INC., 2-6-7-9-12-14, Adv Pg 395	**Bergen & Edsall Blvds. Palisades Park**	**NJ**
TEIKOKU TSUSHIN KOGYO CO. LTD., 9-10-11-12, Adv Pg 262	**335 Nishi Naka-machi, Kariyado, Kawasaki**	**Jap**
Telechrome Mfg Corp., 3-8	185 Dixon Ave. Amityville	NY
Telex, 12	Telex Park, St Paul 1	Minn
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 2-6-8-9-11-12-13, Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
Thermo Electric Co. Inc., 3-8-9-13	109 5th St. Saddle Brook	NJ
Thermosnap, Div., Johnston Labs., Inc., 2-6-8-11-12-13	7900 Haskell Ave, Van Nuys	Cal
Thermovolt Instruments Ltd., 5	70 Advance Rd. Toronto 18	Ont
Torsion Balance Co., 12-13	35 Monhegan St. Clifton	NJ
Transistor Electronics Corp., 6-8	3357 Republic Ave. Minneapolis 26	Minn
Truco Engineering Co., 8-11	195 W Main St. Avon	Conn
UCINITE CO. DIV. UCF, 6-7-8-10-11, Adv Pg 69	**459 Watertown St. Newtonville**	**Mass**
Ulmer Co., H. W., 14	2941 San Luis Rey Rd. Oceanside	Cal
Unimax Switch Div. Maxson Electronics Corp., 8-11-12	Ives Rd. Wallingford	Conn
Unison Products, Inc., 6-9-12	1634 Marion St. Grand Haven	Mich
United Electric Controls Co., 11	85 School St. Dept-C, Watertown 72	Mass
United Intl Dynamics Corp., 10	243 Lexington St, Waltham 54	Mass
U. S. Engineering Co. Div. Litton Ind., 7	13536 Saticoy, Van Nuys	Cal
U. S. Instrument Corp., 8-9-6-13-14	Box 1288BG, Charlottesville	Va
Universal Circuit Controls, 3-8	3610 Oakton St. Skokie	Ill
Venaline Products Co., 1-8	Box 1 - ED, Franklin Lakes	NJ
Virginia Electronics Co., Inc., 1	5209 River Rd. Washington 16	DC
Wade Electric Products Co., 10-13	400 Jacob St. Sturgis	Mich
Wadsworth Electric Mfg. Co. Inc., 4	20 W 11th St. Covington	Ky
Walsco Electronics Mfg. Co., 3-9-10-11-13	400 S Wyman St. Rockford	Ill
Westinghouse-Gen Purpose Controls Dept., 1	Buffalo	NY
Westinghouse-Standard Control Div., 3-8-9-13	Beaver	Pa
Winterburn Mfg. Co., 9	Box 386, Putnam	Conn
Zoron Inc., 6-8-13	612 W Monroe St. Chicago 6	Ill

SWITCHES —*MERCURY* See SWITCHES —*MANUAL*

SWITCHES —*MICROWAVE*

1. COAXIAL 2. FERRITE 3. WAVEGUIDE

Adams-Russell Co. Inc., 1-2	200 Sixth St. Cambridge 42	Mass
Airtec Inc., 2-3	125 E First Ave. Roselle	NJ
Airtron, Div of Litton Industries, 1-2-3	200 E. Hanover Ave, Morris Plains	NJ
Airtronics, Inc., 1-2-3	5522 Dorsey Ln, Washington 16	DC
ALFORD MFG. CO., 1, Adv Pg 78	**299 Atlantic Ave. Boston**	**Mass**
Andrew California Corp., 1-3	941 E Maryland Ave. Claremont	Cal
ANDREW CORP., 1-3, Adv Pg 13	**P. O. Box 807, Chicago 42**	**Ill**
Antenna Products Co. Div. All Products Co., 1	Box 110, Mineral Wells	Tex
ANTENNA SYSTEMS, INC., 3, Adv Pg 428	**Hingham Industrial Center, Hingham**	**Mass**
AUTOMATIC METAL PRODUCTS CORP., 1, Adv Pg 550	**315 Berry St. Brooklyn 11**	**NY**
Aviel Electronics, Inc., 1-3	1755 Berkeley St. Santa Monica	Cal
Bay-Roy Electronics, Inc., 1	Box 7503, Cleveland 30	Ohio
Bendix Corp. York Div., 3	York	Pa
BIRD ELECTRONIC CORP., 1, Adv Pg 239	**30303 Aurora Rd. Cleveland 39**	**Ohio**
Bogart Mfg. Corp., 1-3	315 Seigel St, Brooklyn 6	NY
BUDD STANLEY CO. INC., 3, Adv Pg 313	**175 Eileen Way, Syosset**	**NY**
C W S Waveguide Corp., 3	101 W. Hoffman Ave, Lindenhurst	NY
Canadian Marconi Co., 1	2444 Trenton Ave. Montreal	Que
Caswell Electronics Corp., 2-3	414 Queens Ln. San Jose 12	Cal
Continental Electronics Corp., 1	302 Oakland St. Brooklyn 22	NY
CONTROL ELECTRONICS CO. INC., 1-3, Adv Pg 444	**10 Stepar Pl. Huntington Sta**	**NY**
DeMORNAY-BONARDI CORP., 3, Adv. Pgs. 178, 179	**780 S Arroyo Pkwy. Pasadena**	**Cal**
Diamond Antenna & Microwave Corp., 1-3	River St, Winchester	Mass
Dielectric Products Engrg. Co. Inc., 1-2-3	Raymond	Me
Don-Lan Electronics, Inc., 1-3	1131 Olympic Blvd. Santa Monica	Cal
DOUGLAS MICROWAVE CO. INC., 1-3, Adv Pg 235	**252 E 3rd St. Mt Vernon**	**NY**
E & M Laboratories, 1-2-3	15145 Califa St. Van Nuys	Cal
Electrada Corp., 1-3	11244 Playa St. Culver City	Cal
Electronic Specialty Co., 1-2-3	5121 San Fernando Rd. Los Angeles 39	Cal
FXR INC., 2-3, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Ferranti Electric Inc., 2-3	Industrial Park #1, Plainview	NY
FERROTEC, INC., 2, Adv Pg 496	**217 California St. Newton 58**	**Mass**
Frequency Standards Div. Harvard Industries Inc., 2-3	Box 504, Asbury Park	NJ
GB Electronics Corp. Sub. Gen Bronze Corp., 3	711 Stewart Ave. Garden City	NY
General Aniline & Film Corp., Ansco Div., 3	Vestal Pkwy E., Binghamton	NY
General Communication Co., 1-3	677 Beacon St, Boston 15	Mass
Gilfillan Bros., Inc., 3	1815 Venice Blvd, Los Angeles 6	Cal
Gombos Co. Inc. John, 1-2-3	Webro Rd. Clifton	NJ
HALLICRAFTERS CO., 1-2-3, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
HEWLETT-PACKARD CO., 3, Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
Hughes Microwave Components Div., 2-3	Florence & Teale, Culver City	Cal
I-T-E Circuit Breaker Co., 1-3	601 E Erie Ave. Philadelphia 34	Pa
JENNINGS RADIO MFG CORP., 1, Adv Pg 434	**970 Mc Laughlin Ave. San Jose 8**	**Cal**
KEARFOTT DIV. GEN PRECISION INC., 2, Adv Pg 394	**Little Falls**	**NJ**
Kearfott Div. Gen. Precision Inc. Microwave Prods., 1-2-3	14844 Oxnard St. Van Nuys	Cal
KINGS ELECTRONICS CO. INC., 1, Adv Pg 506	**40 Marbledale Rd. Tuckahoe**	**NY**
LIECO INC., 3, Adv Pg 398	**150 Eileen Way, Syosset**	**NY**
LUMATRON ELECTRONICS, INC., 1 Adv Pg 502	**116 County Cthse Rd. New Hyde Park**	**NY**
M.C.S. Corp., 3	1001 S Mountain Ave. Monrovia	Cal
Maury & Associates, 1	10373 Mills Ave. Montclair	Cal
Meridian Metalcraft, Inc., 3	8739 S Millergrove Dr. Whittier	Cal
Metcom, Inc., 2	76 Lafayette St. Salem	Mass
Micro State Electronics Corp., 1-3	Box 151, Murray Hill	NJ
Microdot, Inc., 1	220 Pasadena Ave, South Pasadena	Cal
Microphase Corp., 1	River Rd. Cos Cob	Conn
Microtech, Inc., 3	Milldale Rd, Cheshire	Conn
Microwave Associates, Inc., 1-3	Burlington	Mass
MICROWAVE CORP. OF AMERICA, 2-3, Adv Pg 462	**Box 278, Stamford**	**Conn**
Microwave Development Labs. Inc., 3	15 Strathmore Rd. Natick	Mass
Microwave Dynamics Corp., 1-3	5 Fairchild Ct. Plainview	NY
N. R. K. Microwave Div. Cook Electric Co., 3	4601 W Addison St. Chicago 41	Ill
OMEGA LABORATORIES INC., 3, Adv Pg 226	**Box 309, Rowley**	**Mass**
PORTCHESTER INSTRUMENT CORP., 3, Adv Pg 464	**114 Wilkins Ave. Port Chester**	**NY**
Portland Industries Corp., 3	South Portland	Me
Precision Microwave Corp., 3	Main St. Millis	Mass
PREMIER MICROWAVE CORP., 3, Adv Pg 469	**33 New Broad St. Port Chester**	**NY**
RF PRODUCTS DIV. AMPHENOL-BORG ELECTRONICS CORP., 1, Adv Pg 204	**33 E Franklin St. Danbury**	**Conn**
R.L.C. Electronics, Inc., 1	805 Mamaroneck Ave. Mamaroneck	NY
RADAR MEASUREMENTS CORP., 3 Adv Pg 516	**190 Duffy Ave. Hicksville**	**NY**
Rantec Corp., 1-2-3	23999 Ventura Blvd. Calabasas	Cal
RAYTHEON CO. SPEC MICROWAVE DEV OPER., 1-2-3, Adv Pgs 38, 39	**Waltham Industrial Park, Waltham 54**	**Mass**
Ryan Electronics Div. Ryan Aero. Co., 1-2-3	5650 Kearny Mesa Rd. San Diego 12	Cal
Sage Laboratories, Inc., 1	3 Huron Dr, Natick	Mass
Schutter Microwave Corp., 3	80 E Montauk Hwy. Lindenhurst	NY
Sperry Microwave Electronics Co., 1-2-3	Box 1828, Clearwater	Fla
Strand Engineering Co., 1	7300 Huron River Dr. Dexter	Mich
Subminiature Instruments Corp., 3-4	3226 Kansas Ave. Riverside	Cal
TRG Inc., 2-3	9 Union Sq. Somerville	Mass
TELERAD DIV. LIONEL CORP., 1-2-3, Adv Pgs 220, 221	**Rt 69, Flemington**	**NJ**
Transco Products Inc., 1-3	12210 Nebraska Ave, L A 25	Cal
United Shoe Machinery Corp., 3	140 Federal St. Boston	Mass
Victor R.F. & Microwave Co., 1-3	38 W Water St. Wakefield	Mass
Washington Aluminum Co. Inc., 3	Pa RR & Knecht Ave. Baltimore 29	Md
Waveguide, Inc., 3	1781 Placentia Ave, Costa Mesa	Cal
Waveline, Inc., 3	P.O. Box 718, Caldwell	NJ

ELECTRONIC and ALLIED PRODUCTS

Westinghouse Electric Corp. Electronic Tube Div., 1-3	Box 284, Elmira	NY
Wiley Electronic Products Co., 3	2045 W Cheryl Dr. Phoenix	Ariz

SWITCHES –*MINIATURE* See SWITCHES –*MANUAL*

SWITCHES –*MULTI-CONTACT*

1. CROSSBAR
2. MOTOR-DRIVEN (Incl. TELEMETERING)
3. ROTARY MULTI-DECK OR SINGLE-DECK
4. TAP

Advanced Technology Labs., 3	369 Whisman Rd. Mountain View	Cal
AIRFLYTE ELECTRONICS CO., 2-3, Adv Pg 342	**535-9 Avenue A, Bayonne**	**NJ**
Anglo Corp., 2	4333 N. Ravenswood Ave, Chicago 13	Ill
APPLIED ELECTRONICS CORP. OF NJ, 2, Adv Pg 518	**22 Center St. Metuchen**	**NJ**
Ascop Div., Electro-Mechanical Research, Inc., 2	P.O. Box 44, Princeton	NJ
Astral Electronics Inc., 3	14520 Aranta St. Van Nuys	Cal
Automation Dynamics Corp., 2	255 County Rd. Tenafly	NJ
Bogart Mfg Corp., 2-3	315 Seigel St. Brooklyn 6	NY
CTS CORP., 3, Adv Pg 241	**1142 W Beardsley Ave. Elkhart**	**Ind**
Carling Electric, Inc., 3	505 New Park Ave. West Hartford 10	Conn
Carna Mfg Co., 1-2-3	1879 Mullin Ave. Torrance	Cal
CENTRALAB ELECTRONICS, DIV. GLOBE-UNION, INC., 3-4, Adv. Pgs. 376, 377	**914Y E Keefe Ave. Milwaukee 1**	**Wis**
Chicago Dynamic Industries, Inc., 3	1725 Diversey Blvd, Chicago 14	Ill
Chicago Telephone of Cal. Inc., 3	1010 Sycamore Ave. South Pasadena	Cal
Cinema Engineering Div. Aerovox Corp., 2-3-4	1100 Chestnut St. Burbank	Cal
Clare & Co., C.P., 2-3	3101 Pratt Blvd. Chicago 45	Ill
COMPUTER INSTRUMENTS CORP., 2-3, Adv Pg 373	**92 Madison Ave. Hempstead**	**NY**
Cramer Controls Corp., 2	Box 13, Centerbrook	Conn
Cunningham Son & Co., Inc., James, 1	33 Litchfield St, Rochester	NY
DAVEN CO., 2-3-4, Adv Pg 187	**Rt. 10, Livingston**	**NJ**
Dielectric Products Engrg. Co. Inc., 1-3	Raymond	Me
Digitran Co., 3	660 S. Arroyo Pkwy, Pasadena	Cal
Eagle Signal Co Div Gamewell Co-EW Bliss Sub, 2	202-20th St. Moline	Ill
Eastern Specialty Co., 3-4	Philadelphia 40	Pa
Electro Development Co., 3	14711 Keswick St, Van Nuys	Cal
Electro-Mechanical Research, Inc., 2	Box 3041, Sarasota	Fla
Electro-Mechanical Specialties, 3	528 W Lambert Rd. Whittier	Cal
ELECTRO MINATURES CORP., 2-3, Adv Pg 494	**632 Hoyler St. South Hackensack**	**NJ**
ELECTRO SWITCH CORP., 2-3-4, Adv Pg 446	**167 King Ave. Weymouth 88**	**Mass**
Electro Tec Corp., 2-3	10 Romanelli Ave, South Hackensack	NJ
Electronic Controls Inc., 2-3	66 Southfield Ave. Stamford	Conn
Exact Engineering & Mfg., Inc., 3	Box 447, Oceanside	Cal
Fairchild Controls Corp., 3	225 Park Ave. Hicksville	NY
FIFTH DIMENSION INC., 2, Adv Pg 483	**Box 483, Princeton**	**NJ**
Gamewell Co., 2	1238 Chestnut St. Newton Upper Falls 64	Mass
GENERAL DEVICES INC., 2, Adv Pg 518	**Box 253, Princeton**	**NJ**
GENERAL ELECTRIC CO. APPARATUS SALES, 3, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
Genge Industries Inc., 2-3	440 W Los Feliz Blvd. Glendale	Cal
Graphic-Circuits Div., Cinch, 2-3-4	200 S. Turnbull Canyon, City of Ind	Cal
GRAPHITE METALLIZING CORP., 2, Adv Pg 273	**1052 Nepperhan Ave. Yonkers**	**NY**
GRAYHILL, INC., 3-4, Adv. Pgs. 360, 361	**537 Hillgrove Ave. La Grange**	**Ill**
Grigsby Co. Inc., 3-4	407 Salem Ave. Arlington Heights	Ill
Guideline Instruments Ltd., 3	Box 99, Smiths Falls	Ont
Hathaway Instruments Inc., 2-3	5802 E Jewell Ave. Denver 22	Colo
HAYDON CO., A. W., 2, Adv Pgs 302, 303	**238 N Elm St. Waterbury**	**Conn**
Haydon Switch Inc., 2	536 S Leonard St. Waterbury 20	Conn
INDUSTRIAL DEVICES, INC., 3, Adv Pg 540	**Edgewater 8**	**NJ**
INSTRUMENT DEVELOPMENT LABS. INC., 2-3, Adv Pg 430	**67 Mechanic St. Attleboro**	**Mass**
Janco Corp., 2-3-4	3111 Winona Ave. Burbank	Cal
Javex Electronics, 3	Box 646, Redlands	Cal
Kellogg Switchboard & Supply Co., 1	6650 S. Cicero Ave, Chicago 39	Ill
Ledex Inc., 3	123 Webster St. Dayton 2	Ohio
Lundy Mfg Corp., 3	Robert Lane, Glen Head	NY
Magnavox Co., 2	2131 Bueter Rd. Fort Wayne 4	Ind
Mallory Controls Co., 3-4	Frankfort	Ind
Melotron Corp., 3	950 N Highland Ave. Los Angeles 38	Cal
Micro-Lectric Inc., 2-3-4	19 DeBevoise Ave. Roosevelt	NY
MICRO SWITCH DIV. MINN-HONEYWELL, 4, Adv Pg 68	**11 W Spring St. Freeport**	**Ill**
Muirhead & Co., Ltd., 3	Beckenham, Kent, England	
Mycalex Electronics Corp., 2	125 Clifton Blvd, Clifton	NJ
North Electric Co., 1-2-3	553 S Market St. Galion	Ohio
OAK MFG CO., 3-4, Adv Pg 283	**Crystal Lake**	**Ill**
OHMITE MFG. CO., 2-3-4, Adv Pgs 276, 277	**3601 Howard St. Skokie**	**Ill**
POLLAK CORP., JOSEPH, 3, Adv Pg 500	**85 Freeport St. Boston 22**	**Mass**
Poly Scientific Corp., 2-3	Rt 460 N., Blacksburg	Va
Precision Line Inc., 3	63 Main St. Maynard	Mass
Rotary Devices Corp., 2-3	30 Jay St, Englewood	NJ
Secode Corp., 3	555 Minnesota St, San Francisco 7	Cal
SENSITIVE RESEARCH INSTRUMENT CORP., 3, Adv Pg 109	**310 Main St. New Rochelle**	**NY**
Smith Mfg. Co., J&H, 3	Little Britain Rd, Newburgh	NY
Sparton Corp., 3	2400 E Ganson St. Jackson	Mich
Spectrol Electronics Corp., 2-3	1704 S. Del Mar, San Gabriel	Cal
Standard Tel. & Cables Ltd., 2	29 Glasshouse Yard, London	Eng
Subminiature Instruments Corp., 2	3716 Kansas Ave. Riverside	Cal
TECH LABORATORIES INC., 2-3-4, Adv Pg 395	**Bergen & Edsell Blvds. Palisades Park**	**NJ**
TELE-DYNAMICS DIV. AMERICAN BOSCH ARMA CORP., 2, Adv Pgs 196, 197	**5000 Parkside Ave. Philadelphia 31**	**Pa**
Thermo Electric Co. Inc., 3	109 5th St. Saddle Brook	NJ
UCINITE CO. DIV. UCF, 2-3, Adv Pg 69	**459 Watertown St. Newtonville**	**Mass**
U. S. Instrument Corp., 2-3	Box 1298BG, Charlottesville	Va
Vactric (Control Equipment) Ltd., 3	Sloane St. London SW 1	Eng
Vitro Corp of America, 3	261 Madison Ave. New York 16	NY
VITRO ELECTRONICS DIV. VITRO CORP., 3 Adv Pgs 309, 310	**919 Jesup Blair Dr. Silver Spring**	**Md**
Zenith Electric Co., 2	152 W Walton St. Chicago 10	Ill

SWITCHES –*PRESSURE* See SWITCHES –*AUTOMATICALLY OPERATED*
SWITCHES –*PRINTED-CIRCUIT* See SWITCHES –*MANUAL*
SWITCHES –*PUSHBUTTON* See SWITCHES –*MANUAL*
SWITCHES –*REED* See RELAYS –*VIBRATING-REED*
SWITCHES –*REMOTE CONTROL* See CONTROLS –*REMOTE*
SWITCHES –*ROTARY SELECTOR* See SWITCHES –*MULTI-CONTACT*
SWITCHES –*SAFETY* See SWITCHES –*AUTOMATICALLY OPERATED, INTERLOCK*
SWITCHES –*SLIDE* See SWITCHES –*MANUAL*
SWITCHES –*SNAP-ACTION* See SWITCHES –*MANUAL*
SWITCHES –*SOLID STATE* See *BASIC COMPONENT DESIRED AND MODULES*
SWITCHES –*STEP-TYPE* See SWITCHES –*MULTI-CONTACT*
SWITCHES –*SUBMINIATURE* See SWITCHES –*MANUAL*
SWITCHES-TR See TUBES –*TR, PRE-TR & ANTI-TR*
SWITCHES –*TAP* See SWITCHES –*MULTI-CONTACT*
SWITCHES –*TELEMETERING* See SWITCHES –*MULTI-CONTACT: COMMUTATORS*
SWITCHES –*THERMAL* See SWITCHES –*AUTOMATICALLY OPERATED*
SWITCHES –*TIME* See TIMERS
SWITCHES –*TOGGLE* See SWITCHES –*MANUAL*
SWITCHES –*VACUUM* See SWITCHES –*MANUAL*
SWITCHING COMMUTATORS See COMMUTATORS
SWITCHING DIODES See DIODES –*CRYSTAL*
SWITCHING MAGNETIC AMPLIFIERS See AMPLIFIERS –*MAGNETIC*
SWITCHING REACTORS See REACTORS –*SATURABLE*
SWITCHING TRANSISTORS See TRANSISTORS
SWITCH SEALS See SEALS –*MECHANICAL*
SYMBOLS –*PRINTED SCHEMATIC* See DRAFTING SUPPLIES
SYNCHRO-ERROR TESTERS See TESTERS –*SYNCHRO-ERROR*

SYNCHRONIZERS –*MAGNETIC TAPE TO MOVIE FILM*

Central Dynamics Ltd	147 Hymus Blvd. Pte. Claire, Que	Can
Gordon Enterprises	5362 N Cahuenga Blvd. N Hollywood	Cal
National Cine Equipment Inc	209 W 48 St. New York 36	NY
Rangertone, Inc	73 Winthrop St, Newark 4	NJ

SYNCHRONOUS DEMODULATORS See DEMODULATORS
SYNCHRONOUS MOTORS See MOTORS

SYNCHROS

American Electronics, Inc., Instrument Div	9503 W. Jefferson Blvd, Culver City	Cal
BENDIX CORP. MONTROSE DIV., Adv Pg 372	**South Montrose**	**Pa**
CLIFTON PRECISION PRODUCTS CO. INC., Adv. Pgs. 242, 243	**Marple at Bwy. Clifton Heights**	**Pa**
Courter Products Div. Model Eng. & Mfg. Inc	Boyne City	Mich
Daystrom-Transicoil Corp	Worcester, Montgomery County	Pa
DEL ELECTRONICS CORP., Adv Pg 421	**521 Homestead Ave. Mt Vernon**	**NY**
ECLIPSE PIONEER DIV. BENDIX CORP., Adv Pgs 354, 355	**Teterboro**	**NJ**
Electric Indicator Co. Inc	Camp Ave. Stamford	Conn
Electro Tec Corp	10 Romanelli Ave, South Hackensack	NJ
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
Harowe Servo Control Inc	Mount Rd. Lenni Mills	Pa
IMC Magnetics Corp. Western Div	6058 Walker Ave. Maywood	Cal
Instrol, Inc	135 E. Dela Guerra, Santa Barbara	Cal
Kearfott Dept., Norden Div., United Aircraft Corp	Jericho Tpk, Commack	NY
KOLLSMAN MOTOR CORP Adv Pg 194	**Mill St, Dublin**	**Pa**
Muirhead & Co., Ltd	Beckenham, Kent, England	
Norden Div. United Aircraft Corp	Helen St. Norwalk	Conn
Oster Mfg Co. John, Avionics Div	1 N Main St. Racine	Wis
Reeves Instrument Corp	Roosevelt Field, Garden City	NY
Siemon Mfg Co	Box 275, Wayne	Ill
Summers Gyroscope Co	2500 Broadway, Santa Monica	Cal
VERNITRON CORP., Adv Pg 485	**125 Old Country Rd. Carle Place**	**NY**
Wright Machinery Co. Div. Sperry Rand Corp	Durham	NC

SYNCHROSCOPES

Daystrom Inc. Weston Instruments Div	614 Frelinghuysen Ave. Newark 12	NJ
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
HEWLETT-PACKARD CO., Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
Kollsman Instrument Corp Sub Standard Kollsman Ind Inc	80-08 45th Ave. Elmhurst 73	NY
KOLLSMAN MOTOR CORP Adv Pg 194	**Mill St. Dublin**	**Pa**
Millen Mfg. Co., James	150 Exchange St. Malden	Mass
POLARAD ELECTRONICS CORP Adv Pg 269-272	**43-20 34 St. Long Island City 1**	**NY**
Westinghouse-Instrument Dept	Newark	NJ

SYNTHETIC MICA See MICA
SYNTHETIC RUBBER See RUBBER: *RUBBER PARTS*
SYSTEMS –*REMOTE CONTROL* See CONTROLS –*REMOTE*
SYSTEM TESTERS See TESTERS –*SYSTEM*

TACHOMETERS

1. ELECTRONIC 2. GENERATOR-TYPE

Actuator Products, Div of Geartronics Corp., 2	34 Nashua St, Woburn	Mass
Airmec Ltd., 1	High Wycombe, Buckinghamshire, England	
AIRPAX ELECTRONICS INC. SEMINOLE DIV., 1, Adv Pg 106	**Fort Lauderdale**	**Fla**
Ameresco Inc	14 Center Ave. Little Falls	NJ
American Electronics, Inc., Instrument Div., 2	9503 W. Jefferson Blvd, Culver City	Cal
American Machine & Foundry Co., 1	1025 N. Royal St, Alexandria	Va
American Machine & Foundry Co., Government Products Group, 2	1701 K St, N.W., Washington 6	DC
Armstrong Whitworth Equipment, 2	Hucclecote, Gloucester	Eng
Barber Colman Co., 2	1300 Rock St, Rockford	Ill
Baxter Electric Co. Systems Sales, 2	Box 2??, Highland	Ill
BECKMAN INSTRUMENTS INC. BERKELEY DIV., 1, Adv Pgs 162, 163	**2200 Wright Ave. Richmond**	**Cal**
BENDIX CORP. MONTROSE DIV., 2, Adv Pg 372	**South Montrose**	**Pa**
Biddle Co., James G., 2	1316 Arch St. Philadelphia 7	Pa
Bill Jack Scientific Instrument Co., 2	143 Cedros Ave. Solano Beach	Cal
Canadian Research Institute	85 Curlew Dr. Don Mills	Ont
CLIFTON PRECISION PRODUCTS CO. INC., 2, Adv. Pgs. 242, 243	**Marple at Bwy. Clifton Heights**	**Pa**
Continental Electric Co., Inc., 2	334 Ferry St, Newark 5	NJ
Daystrom Inc. Weston Instruments Div., 2	614 Frelinghuysen Ave. Newark 12	NJ
Decker Corp., 1	45 Monument Rd. Bala Cynwyd	Pa
Digitool Corp., 1	5300 Brownway Rd. Houston 27	Tex
Dymec Div. Hewlett - Packard Co., 1	395 Page Mill Rd. Palo Alto	Cal
EMI-Cossor Electronics Ltd., 1	Box 525 Dartmouth NS	Can
EASTERN AIR DEVICES INC., 2, Adv Pg 454	**385 Central Ave. Dover**	**NH**
ECLIPSE PIONEER DIV. BENDIX CORP., 2, Adv Pgs 354, 355	**Teterboro**	**NJ**
Electric Autolite Co., 1	Champlain St. Toledo 1	Ohio
Electric Indicator Co., Inc., 2	Camp Ave, Springdale	Conn
Electric Tachometer Corp., 2	6th & Upland Sts, Philadelphia	Pa
Electro Products Labs, Inc., Transducer Div., 1-2	4501 N Ravenswood, Chicago 40	Ill
Electro-Voice Inc., 2	Buchanan	Mich
ERIE-PACIFIC DIV. ERIE RESISTOR CORP., Adv Pg 206	**12932 S Weber Way, Hawthorne**	**Cal**
Esterline Angus Instrument Co. Inc., 2	Box 596, Indianapolis 6	Ind
Evershed & Vignoles Ltd., 2	Chiswick, London W. 4, England	
Foxboro Co., The, 2	Foxboro	Mass
G-M LABORATORIES INC., 2, Adv Pg 531	**4336 N Knox Ave. Chicago 41**	**Ill**
GENERAL ELECTRIC CO. APPARATUS SALES, 1-2, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
GENERAL METERS INC., 1-2, Adv Pgs 374, 375	**Box 1701, Grand Junction**	**Colo**
General Radio Co., 1	West Concord	Mass
Georator Corp., 2	315 Tudor Ln, Manassas	Va
Giannini Controls Corp., 1	1600 S Mountain Ave, Duarte	Cal
Globe Industries, Inc., 2	1784 Stanley Ave, Dayton 4	Ohio
HAYDON CO., A. W., 2, Adv Pgs 302, 303	**238 N Elm St. Waterbury**	**Conn**
Heinz-Mueller Engineering Co., Inc., 2	4725 Iowa St, Chicago 51	Ill
HEWLETT-PACKARD CO., 1-2, Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
HOWELL INSTRUMENTS INC., 1, Adv Pg 358	**3479 W Vickery Blvd. Fort Worth 7**	**Tex**
H-L-S Instrument Div., Meriam Instrument Co., 1-2	4525 W. 160th St, Cleveland 35	Ohio
IMC Magnetics Corp. Eastern Div., 2	570 Main St. Westbury	NY
Ideal Industries, Inc., 2	5103 Park Ave, Sycamore	Ill
INLAND MOTOR CORP. OF VA., 2, Adv Pg 472	**347 King St. Northampton**	**Mass**
Jack & Heintz Div. Siegler Corp., 2	Box 6719, Cleveland 1	Ohio
Kahn & Co. Inc., 1	885 Wells Rd. Wethersfield	Conn
KEARFOTT DIV. GEN PRECISION INC., 2, Adv Pg 394	**Little Falls**	**NJ**
Katay Dept. Norden Div. United Aircraft Corp., 1-2	Jericho Tngk. Commack	NY
Kollsman Instrument Corp Sub Standard Kollsman Ind Inc., 1-2	80-08 45th Ave. Elmhurst 73	NY
KOLLSMAN MOTOR CORP, 2 Adv Pg 194	**Mill St, Dublin**	**Pa**
MAICO ELECTRONICS INC., 1, Adv Pg 153	**21 N 3rd St. Minneapolis 1**	**Minn**
Martindale Electric Co., 2	Edgewater Br. Box 617, Cleveland 7	Ohio
MERCURY ELECTRONICS CO., 1, Adv Pg 530	**Box 450, Red Bank**	**NJ**
Metron Instrument Co., 1	432 Lincoln St. Denver 3	Colo
Microdot, Inc., 1	220 Pasadena Ave. South Pasadena	Cal
Minisonord Corp of America, 1	1913 Atlantic Ave. Atlantic City	NJ
Minn-Honeywell, Appar Controls Div., 2	7753 4th Ave. S, Minneapolis 8	Minn
Morrow Radio Mfg. Co., 1	2794 Market St, Salem	Ore
Muirhead & Co., Ltd., 2	Beckenham, Kent, England	
Nacimco Products, Inc., 2	1090 Morena Blvd, San Diego	Cal
Natel Engineering Co., Inc., 1	15922 Strathern St, Van Nuys	Cal
Norden Div. United Aircraft Corp., 1	Helen St. Norwalk	Conn
Oster Mfg. Co., John, Avionics Div., 2	1 N. Main St, Racine	Wisc
Performance Measurements Co., 1	15120 3rd Ave. Detroit 3	Mich
Potter Aeronautical Corp., 1	Rt 22, Union	NJ
Power Instruments, Inc	7352 N Lawndale Ave. Skokie	Ill
Radio Mfg. Engineers, Div., Electro Voice, Inc., 1	Buchanan	Mich
Ram Electronics, Inc., 1	600 Industrial Ave, Paramus	NJ
Rotating Components, Inc., 2	267 Green St. Brooklyn 22	NY
Servo-Tek Products Co., Inc., 1-2	1086 Goffle Rd, Hawthorne	Cal
Siemon Mfg. Co., 2	P. O. Box 275, Wayne	Ill
Slaughter Co., 1	Piqua 9	Ohio
Sorensen Industrial Electronic Co., 1	Route 10, Dover	NJ
Southern Instruments Ltd., 1	Frimley Rd. Camberley, Surrey	Eng
Sparton Corp., 1	2400 E. Ganson St. Jackson	Mich
STANDARD ELECTRIC TIME CO., 2, Adv Pg 311	**89 Logan St. Springfield**	**Mass**
Stark Electronic Instruments Ltd., 1-2	Box 670, Ajax	Ont
Sticht Co. Inc., Herman H., 2	27 Park Pl. New York 7	NY
Summers Gyroscope Co., 2	2500 Broadway, Santa Monica	Cal
Sunshine Scientific Instrument, 1	1810 Grant Ave, Philadelphia 15	Pa
TRW Computers Co., 2	8433 Fallbrook Ave. Canoga Park	Cal
TOYO TRADING CO. LTD., 2, Adv Pg 260	**P. O. Box 999, Central Tokyo**	**Jap**
Vactric (Control Equipment) Ltd., 2	Sloane St. London SW1	Eng
VARO INC., 1 Adv Pg 118	**2201 Walnut St. Garland**	**Tex**
Vecto Instrument Corp	8124 Lockheed, Houston	Tex
Venner Electronics, Ltd., 1	Kingston By-Pass, New Malden	Eng
VERNITRON CORP., 2, Adv Pg 485	**125 Old Country Rd. Carle Place**	**NY**
Vidar Corp., 1	2296 Mora Dr. Mountain View	Cal
Wac Line, Inc., 2	35 S. St. Clair St, Dayton 2	Ohio
Westberg Mfg. Co., 1	Box 239, Napa	Cal
Westinghouse-Instrument Dept., 1-2	Newark	NJ
Westinghouse-Motor & Gearing Dept., 2	Buffalo	NY
Westport Electric, 1	149 Lomita St. El Segundo	Cal
Whitenall Electronics Corp., 1	1645 Hennepin Ave. Minneapolis 3	Minn
Wright Machinery Co. Div. Sperry Rand Corp., 2	Durham	NC

TANKS –*HEATING* See POTS & TANKS

TANTALUM

1. BARS & RODS
2. FOIL
3. POWDER-CAPACITOR GRADE
4. POWDER & PELLETS
5. SHEETS

TUBING See TUBING –*METALLIC*; WIRE See WIRE –*BARE*

Accurate Specialties Co. Inc., 1-2-3-4-5	345 Lodi St. Hackensack	NJ
American Silver Co., Inc., 2	36-07 Prince St, Flushing 54	NY
Associated Engineering & Mfg Corp., 1-2-5	Glen Ridge	NJ
Belmont Smelting & Refining Works, 3-4	332 Belmont Ave, Brooklyn 7	NY
Bram Metallurgical Chemical Co., 1-2-3-4-5	820 65 Ave, Philadelphia 26	Pa
Composite Industrial Metals Inc., 2-5	235 Georgia Ave. Providence 5	RI
Fansteel Metallurgical Corp., 1-2-3-4-5	2200 Sheridan, N. Chicago	Ill
Firth Sterling Inc., 1-3-4	3115 Forbes Ave. Pittsburgh	Pa
Haynes Stellite Co., Div., UCC, 1-5	1020 W. Park Ave, Kokomo	Ind
Kennametal Inc., 1-3-4-5	Lloyd Ave, Latrobe	Pa
A.D. Mackay, Inc., 1-2-3-4-5	198 Broadway, New York 38	NY
Materials for Electronics, Inc., 3-4	152-25 11th Ave, Jamaica 34	NY
Murex Ltd. Powder Metal Div., 1-5	Rainham, Essex	Eng
NRC Equipment Corp., 1-4	160 Charlemont St. Newton 61	Mass
National Research Corp., Metals Div., 1-2-3-4-5	70 Memorial Dr, Cambridge 42	Mass
Paul & Stem Bros, Inc, F. H., 1-2-4-5	235 Fifth Ave. New York 16	NY
REMBAR CO. INC., THE, 1-2-5, Adv Pg 543	**67 Main St. Dobbs Ferry**	**NY**
Semi-Alloys Inc., 1-2-4-5	20 McQuesten Pkwy. N. Mt. Vernon	NY
Shieldalloy Corp., 1-3-4	Newfield	NJ

Sylvania Elec Prods Inc. Sylcor Div., 1-2-4-5	208-20 Willets Point Blvd. Bayside	NY
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 1-2-5, Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
Union Carbide Metals Co. Div. UCC, 3-4	270 Park Ave. New York 17	NY
United Mineral & Chemical Corp., 1-2-5	16 Hudson St. New York 13	NY
United Technical Industries Inc., 4	5221 S Major St. Murray	Utah
Vacuum Technology Inc., 5	7833 Gloria Ave. Van Nuys	Cal
Var-Lac-Oid Chemical Co., 1-2-3-4-5	116 Broad St, New York 4	NY
Wah Chang Corp., 1-2-3-4-5	233 Broadway, New York 7	NY
Wire Stripper Co., 1-2	1722 Eastham Ave. E Cleveland 12	Ohio

TAPE DECKS *(MECHANISMS)*

1. MAGNETIC TAPE, MONAURAL 3. PAPER TAPE
2. MAGNETIC TAPE, STEREO

American Concertone, Inc., 1-2	9449 W Jefferson Blvd. Culver City	Cal
Amplifier Corp of America, 1-2	396 Broadway, New York 13	NY
Bell Sound Div., TRW, Inc., 1-2	555 Marion Rd, Columbus	Ohio
Bogen-Presto Div., Siegler Corp., 1-2	P.O. Box 500, Paramus	NJ
Ovale Equipment Co., 3	17480 Shelburne Way, Los Gatos	Cal
Del Mar Engineering Labs. Inc., 1	6901 Imperial Hwy. Los Angeles 45	Cal
EMI-Cossor Electronics Ltd., 1-2	P. O. Box 525, Dartmouth, Nova Scotia	
El-Tronics Inc., 3	20 S. 15th St, Philadelphia 2	Pa
Fen-Tone Corp., 1-2	106 5th Ave. New York 11	NY
Ilsvac Corp., 3	14 Huron Dr. Natick	Mass
Labelon Corp., 1	10 Chapin St. Canandaigua	NY
Lesa Const Elettromeccaniche SpA., 1	21 Via Bergamo, Milano	Italy
Meltzer Engineering Corp., 2	1041 N. Sycamore, Hollywood 38	Cal
Moufet Specialties Co., 1	1007 W. Washington St, Bloomington	Ill
Polytronic Research, Inc., 1	7326 Westmore Rd, Rockville	Md
POTTER INSTRUMENT CO., INC., 1-2-3 Adv Pg 195	**Sunnyside Blvd, Plainview**	**NY**
Precision Specialties, Inc., 3	Delsea Dr, P.O. Box 118, Pitman	NJ
Roberts Electronics Inc., 2	5920 Bowcroft St. Los Angeles 16	Cal
Shepherd Industries Inc., 1	103 Park Ave. Nutley 10	NJ
Soroban Engineering, Inc., 3	P.O. Box 1717, Melbourne	Fla
Tape-Athon, 1-2	523 S. Hindry Ave, Inglewood	Cal
Trav-Ler Radio Corp., 1-2	571 W Jackson Blvd. Chicago	Ill
Viking of Minneapolis, 1-2	9600 Aldrich Ave S., Minneapolis 20	Minn
Webster Electric Co., 1-2	1900 Clark St. Racine	Wis

TAPE DUPLICATORS *-MAGNETIC* See DUPLICATORS
TAPE ERASERS *-BULK* See ERASERS
TAPE-FILM SYNCHRONIZERS See SYNCHRONIZERS
TAPE LOOP RECORDERS See RECORDERS *-MAGNETIC TAPE*
TAPE MARKERS See LABELS: TAPE *-GENERAL-PURPOSE, PRINTED*
TAPE PERFORATORS See PERFORATORS
TAPE PLAYERS See PLAYERS
TAPE-PROGRAMMED TESTERS See TESTERS *-TAPE-PROGRAMMED*
TAPE READERS See READERS *-PUNCHED TAPE*
TAPE RECORDERS See RECORDERS *-MAGNETIC TAPE*
TAPERED TRANSITIONS See TRANSITIONS
TAPE REELS See REELS
TAPE SEARCH UNITS See MEMORIES

TAPES *-GENERAL-PURPOSE*

1. GLASS-REINFORCED
2. HIGH-TEMPERATURE (EXCEPT MICA)
3. INSULATING, ADHESIVE-BACKED
4. INSULATING, HEAT-SEALING
5. INSULATING, PLAIN
6. NONINSULATING, ADHESIVE-BACKED
7. PRINTED OR COLOR-CODED

Accurate Mfg. Co., 3	44 Hepworth Pl, Garfield	NJ
Achmes Products, 5	2 Yennicock Ave, Port Washington	NY
AMERICAN SUPER-TEMPERATURE WIRES INC., 1-2-4, Adv Pg 188	**8 W Canal St. Winooski**	**Vt**
Amflex Products Corp., Amer Mach & Fdry., 1-2-5	689 Hope St, Springdale	Conn
Applied Graphics Corp., 7	Shore Rd. Glenwood Landing	NY
Arlo Mfg. Co., 3-4-5-6-7	12 Perkins St. Lowell	Mass
Auburn Mfg. Co., The, 3-5	Pease Ave. & Stack St. Middletown	Conn
Bishop Mfg. Corp., 3-5	10 Canfield Rd, Cedar Grove	NJ
Bemis Mfg. Corp., 2-4	146 Main St. Maynard	Mass
Brown-Bridge Mills, 3	E. Water St, Troy	Ohio
By-Buk Co., 1-2-3-4-5-6	4314 W Pico Blvd. Los Angeles 19	Cal
Cable Designs, Inc., 2	66 Rushmore St. Westbury	NY
CARBORUNDUM CO. REFRACTORIES DIV., 2-3-4-5, Adv Pgs 104, 105	**Perth Amboy**	**NJ**
CHART-PAK INC., 7, Adv Pg 411	**Leeds**	**Mass**
Chemplast, Inc., 2	3 Central Ave. East Newark	NJ
Chemtronics, Inc., 7	870 E 52nd St. Brooklyn 3	NY
Connecticut Hard Rubber Co., 1-2-3-4-5-7	407 East St. New Haven 9	Conn
Dennison Mfg. Co., 2-4-5-7	300 Howard St. Framingham	Mass
Devon Tape Corp., 1-2-3-6-7	110 Hartford Ave. Mt. Vernon	NY
Dielectrix Corp., 3-5	Allen Blvd. & Grand Ave. Farmingdale	NY
Durion Co., M.W., 3-4-5-6	350 Kinsley Ave, Providence	RI
ETCHOMATIC INC., 7, Adv Pg 520	**182 Newton St. Waltham 54**	**Mass**
Fine-Jone Co., 6	719 Sycamore St, Cincinnati	Ohio
Franklin Fibre-Lamitex Corp., 1-2-3-4-5-6	Box 1768, Wilmington	Del
General Plastics Corp., 1-2-3-5-7	55 La France Ave. Bloomfield	NJ
Goodrich Industrial Prods. Co., B. F., 3	500 S Main St. Akron 18	Ohio
Haveg Industries Inc., 1-2-5-7	900 Greenbank Rd. Wilmington 8	Del
Insulation Manufacturers Corp., 1-2-3-4-5-6	565 W Washington Blvd. Chicago 6	Ill
Joclin Mfg Co., 1-2-3	9 Lufbery Ave. Wallingford	Conn
Johns-Manville, 1-2-3-4-6-7	22 E 40 St. New York 16	NY
Labelon Corp., 4	10 Chapin St. Canandaigua	NY
MARKEL & SONS, L. FRANK, 2, Adv Pg 558	**School House La. Norristown**	**Pa**
Master Tape Printers Inc., 7	3400 N Halsted St. Chicago 13	Ill
Minnesota Mining & Mfg Co. Electrical Tapes, 1-2-3-5	900 Bush Ave. St Paul 6	Minn
Minnesota Rubber Co., 5	3630 Wooddale Ave. Minneapolis 16	Minn
Mosites Products Inc., 1	1916 Indiana St. Racine	Wis
Mystik Adhesive Products, Inc., 1-2-3-4-5-6-7	2635 N. Kildare, Chicago	Ill
NATVAR CORP., 2, Adv Pg 523	**Woodbridge**	**NJ**
Okonite Co., 3-5	1961 Canal St. Passaic	NJ
Pee Cee Tape & Label Co. Inc., 1-2-7	521 N La Brea Ave. Los Angeles	Cal
Permacel, 1-2-3-4-5-6-7	U. S. Hwy 1, New Brunswick	NJ
Plastronics Inc., 7	631 E 1st St. Boston 27	Mass
Polyken Sales Div. Kendall Co., 1-2-3-5-6	309 W Jackson Blvd. Chicago 6	Ill
Radiation Applications, Inc., 5	36-40 37th St. Long Island City 1	NY
Reeves Soundcraft Corp., 7	Great Pasture Rd. Danbury	Conn
Schjeldahl Co., G.T., 2-3-4-5-7	P.O. Box 170, Northfield	Minn
Sparta Mfg Co., 1-2-3-4-5	Box 1??, Dover	Ohio
SURPRENANT MFG CO., 2-3-5, Adv Pg 477	**Clinton**	**Mass**
Topflight Corp., 7	160 E Ninth Ave. York	Pa
United Mineral & Chemical Corp., 6	16 Hudson St. New York 13	NY
U.S. RADIUM CORP., 7, Adv Pg 200	**P.O. Box 246, Morristown**	**NJ**
U.S. Rubber Co., 3-6	1230 Ave of the Americas, New York 20	NY
Universal Toroid Coil Winding Inc., 8	171EB Coit St. Irvington 11	NJ
Westline Products Div. Western Litho. Co., 7	600 E 2nd St. Los Angeles 54	Cal
Wright & Sons Co., William E., 5	West Warren	Mass

TAPES *-LACING* See CORDS *-LACING*

TAPES *-MAGNETIC RECORDING*

1. COMPUTER STORAGE & MACHINE TOOL CONTROL
2. ENTERTAINMENT-TYPE
3. FILM (8, 16, 17.5, 32, 35, OR 65 MM WIDE, WITH SPROCKET HOLES)
4. PRERECORDED TEST TAPES
5. VIDEO RECORDING

Alwac Computer Div. El-Tronics, Inc., 1	13040 S Cerise, Hawthorne	Cal
Ampex Computer Products Co., 1	Box 329, Culver City	Cal
Ampex Magnetic Tape Prods/Orr Ind. Co., 1-2	Opelika	Ala
ARNOLD ENGINEERING CO., 1, Adv Pg 534	**P.O. Box G, Marengo**	**Ill**
AUDIO DEVICES INC., 1-2-3-4, Adv Pg 405	**444 Madison Ave. New York 22**	**NY**
Audiotex Mfg. Co., 4	412 S. Wyman St, Rockford	Ill
Bach Auricon Inc., 3	6924 Romaine St. Hollywood 38	Cal
Coleman Electronics, Inc., 2	133 E 162nd St. Gardena	Cal
Concertapes, Inc., 2	P.O. Box 88, Wilmette	Ill
Data Equipment Co., 1	923 E. 3rd St, Los Angeles 13	Cal
EMI-Cossor Electronics Ltd., 1-3-5	Box 525 Dartmouth NS	Can
Eastman Kodak Co., 3	343 State St. Rochester 4	NY
Electrada Corp., 1	11244 Playa St. Culver City	Cal
El-Tronics Inc., 1	20 S. 15th St, Philadelphia 2	Pa
Ferrodynamics Corp., 1-2-4	Gregg & Route 17, Lodi	NJ
Fidelitone Microwave Inc., 2	6415 N Ravenswood Ave. Chicago 26	Ill
Gordon Enterprises, 3	5362 N Cahuenga Blvd. N Hollywood	Cal
Hughes Industrial Systems Div., 1	Bldg 116, Mail Sta 25, Int Airport Sta. Los Angeles 45	Cal
Livingston Electronic Corp., 4	Livingston 3	NJ
Minnesota Mng. & Mfg. Co. Magnetic Prods. Div., 1-2-3-5	900 Bush Ave, St. Paul 6	Minn
Reeves Soundcraft Corp., 1-2-3	Great Pasture Rd. Danbury	Conn
Rye Sound Corp., 2	145 Elm St. Mamaroneck	NY
Sarkes Tarzian Inc. Magnetic Tape Div., 2	E Hillside Dr. Bloomington	Ind
Scott Instrument Labs. Inc., 2	17 E 48 St. New York 17	NY
SONY CORP., 5, Adv Pg 261	**514 Broadway, New York 12**	**NY**
Tape-Athon, 2	523 S. Hindry Ave, Inglewood	Cal
Triton Electronics Inc., 2-3	62-05 30th Ave. Woodside 77	NY
Western Electro-Acoustic Lab., 2	11707 San Vicente Blvd, Los Angeles	Cal

TAPES *-MICA* See MICA

TAPES *-PAPER, COMPUTER*

Arvey Corp	3500 N Kimball Ave. Chicago	Ill
Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
El-Tronics Inc	20 S. 15th St, Philadelphia 2	Pa
National Vulcanized Fibre Co	Box 311, Wilmington 99	Del
Soroban Engineering, Inc	P.O. Box 1717, Melbourne	Fla
Tally Register Corp	1310 Mercer St. Seattle 9	Wash
Victor Adding Machine Co	3900 N Rockwell St. Chicago 18	Ill

TAPES *-THERMOPLASTIC RECORDING*

Ampex Magnetic Tape Prods/Orr Ind. Co	Opelika	Ala
Astatic Corp., The	Conneaut	Ohio
EMI-Cossor Electronics Ltd	Box 525 Dartmouth NS	Can
Ferranti Electric Inc	Industrial Park #1, Plainview	NY
Recoton Corp	52-35 Barnett Ave. Long Island City 4	NY
Soroban Engineering, Inc	Box 1717, Melbourne	Fla

TAPE-TO-PUNCHED-CARD CONVERTERS See CONVERTERS *-COMPUTER*
TAPE-WOUND CORES See CORES *-LAMINATED*
TAPPING MACHINES See MACHINES *-TAPPING*
TAXI RADIO SYSTEMS See COMMUNICATION SYSTEMS

TECHNICAL BOOKS *-PUBLISHERS*

Academic Press Inc	111 Fifth Ave. New York 3	NY
Addison-Wesley Pub. Co	Reading 8	Mass
American Electronics Co. Inc	178 Herricks Rd. Mineola	NY
American Standards Association	70 E 45th St. New York	NY
Boyce-Roche Book Co	460 Bloomfield Ave. Montclair	NJ
Dover Publications Inc	1780 Broadway, New York	NY
Duralith Corp	1025 Race St. Philadelphia 7	Pa
Editors & Engineers Ltd	Santa Barbara	Cal
Electronics Research Publishing Co. Inc	480 Canal St. New York 13	NY
Elsevier Publishing Co. Inc	215 4th Ave. New York	NY
Gernsback Library Inc	154 W 14th St. New York 11	NY
Harper & Brothers	49 E. 33rd St. New York	NY
Institute of Radio Engineers Inc	1 E 79th St. New York	NY
International Publishers Co	381 4th Ave. New York	NY
Interscience Publishers Inc	215 4th Ave. New York 3	NY
Johnson Research Corp	Bethpage	NY
Kalite Technical Co. Inc	715 Mattison Ave. Asbury Park	NJ
MacMillan Co	60 Fifth Ave. New York 11	NY
McGraw-Hill Book Co. Inc	330 W 42nd St. New York 36	NY
Maedel Publishing House	593 E 38th St. Brooklyn 3	NY
National Bureau of Standards	Washington	DC
Oxford University Press	417 Fifth Ave. New York	NY
Pergamon Press Inc	122 E 55th St. New York 22	NY
Philosophical Library Publishers	15 E 40th St. New York 16	NY
Pitman Publishing Corp	2 W 45th St. New York	NY
Prentice-Hall Inc	Rt 9W, Englewood Cliffs	NJ
Princeton University Press	Princeton	NJ
Rider Publications Inc., John F	480 Canal St. New York 13	NY
Rinehart Books Inc	232 Madison Ave. New York 16	NY
Ronald Press Co	15 E 26th St. New York 10	NY
Sams & Co. Inc., Howard W	2201 E 46th St. Indianapolis 5	Ind
University of Chicago Press, The	5750 Ellis Ave. Chicago	Ill
Van Nostrand Co. Inc., D	120 Alexander, Princeton	NJ
Wiley & Sons Inc., John	440 4th Ave. New York	NY

TECHNICAL WRITING SERVICES *-ELECTRONIC*

Cook Co., Ken	9929 W Silver Spring Rd. Milwaukee	Wis
Kalite Technical Co. Inc	715 Mattison, Asbury Park	NJ
McGraw-Hill Book Co., Technical Writing Serv	330 W 42nd St. New York 36	NY
Sams & Co. Inc., Howard W.	2201 E 46th St. Indianapolis 5	Ind

TEES

1. COAXIAL 2. WAVEGUIDE

A G A Corp., 1-2	1200 Duke St. Alexandria	Va
AINSLIE CORP., 2, Adv Pg 408	**531 Pond St. South Braintree 85**	**Mass**
Airtec Inc., 2	139 E First Ave. Roselle	NJ
Airtron, Div of Litton Industries, 1-2	200 E. Hanover Ave, Morris Plains	NJ
Andrew California Corp., 1-2	941 E Maryland Ave. Claremont	Cal
ANDREW CORP., 2, Adv Pg 13	**Box 807, Chicago 42**	**Ill**
ANTENNA SYSTEMS, INC., 1-2, Adv Pg 428	**Hingham Industrial Center, Hingham**	**Mass**
Ardwin Microlab, Inc., 2	21 Spencer St, Stoneham 80	Mass
ARRA CORP., 1-2, Adv Pg 498	**27 Bond St. Westbury**	**NY**
AUTOMATIC METAL PRODUCTS CORP., 1, Adv Pg 550	**315 Berry St. Brooklyn 11**	**NY**
Bendix Corp. York Div., 2	York	Pa
Bogart Mfg. Corp., 1-2	315 Seigel St, Brooklyn 6	NY
C W S Waveguide Corp., 1-2	301 W. Hoffman Ave, Lindenhurst	NY
Canadian Marconi Co., 1-2	2444 Trenton Ave. Montreal	Que
DAGE ELECTRIC CO., 1, Adv. Pgs. 382, 383, 384	**67 N Second St. Beech Grove**	**Ind**
DeMORNAY-BONARDI CORP., 2, Adv. Pgs. 178, 179	**780 S Arroyo Pkwy. Pasadena**	**Cal**
Diamond Antenna & Microwave Corp., 1-2	River St, Winchester	Mass
Dielectric Products Engrg. Co. Inc., 1-2	Raymond	Me
DOUGLAS MICROWAVE CO. INC., 1-2 Adv Pg 235	**252 E 3rd St. Mt Vernon**	**NY**
E & M Laboratories, 1-2	15145 Califa St. Van Nuys	Cal
Ecco Electronic Components Corp., 1	578 Nepperhan Ave, Yonkers	NY
Electrada Corp., 1-2	11244 Playa St. Culver City	Cal
Electronic Specialty Co., 2	5121 San Fernando Rd. Los Angeles 39	Cal
FXR INC., 1-2, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Frequency Standards Div. Harvard Industries Inc., 2	Box 504, Asbury Park	NJ
General Aniline & Film Corp. Ansco Div., 2	Vestal Pkwy. E, Binghamton	NY
Jerrold Electronics Corp., 1	15th & Lehigh, Philadelphia 32	Pa
KEARFOTT DIV. GEN PRECISION INC., 2, Adv Pg 394	**Little Falls**	**NJ**
Kearfott Div. Gen. Precision Inc. Microwave Prods., 2	14844 Oxnard St. Van Nuys	Cal
KINGS ELECTRONICS CO. INC., 1, Adv Pg 506	**40 Marbledale Rd. Tuckahoe**	**NY**
LIECO INC., 1-2, Adv Pg 398	**150 Eileen Way, Syosset**	**NY**
Liquidometer Corp., 1	41-03 31st St. Long Island City 1	NY
M.C.S. Corp., 2	1001 S Mountain Ave. Monrovia	Cal
Meridian Metalcraft, Inc., 2	8739 S Millergrove Dr. Whittier	Cal
MICROLAB, 1, Adv Pg 356	**570 W Mt. Pleasant Ave. Livingston**	**NJ**
Microtech, Inc., 2	Milldale Rd, Cheshire	Conn
Microwave Associates, Inc., 2	Burlington	Mass
MICROWAVE CORP. OF AMERICA, 1-2, Adv Pg 462	**P.O. Box 270, Stamford**	**Conn**
Microwave Development Labs. Inc., 2	15 Strathmore Rd. Natick	Mass
Microwave Dynamics Corp., 1-2	5 Fairchild Ct. Plainview	NY
Microwave Semiconductor & Inst. Inc., 1-2	116-06 Myrtle Ave. Richmond Hill 18	NY
N. R. K. Microwave Div. Cook Electric Co., 2	4601 W Addison St. Chicago 41	Ill
Narda Microwave Corp., 2	Plainview	NY
OMEGA LABORATORIES INC., 1-2, Adv Pg 226	**Box 309, Rowley**	**Mass**
PRD ELECTRONICS INC., 1-2, Adv. Pgs. 113-116	**202 Tillary St. Brooklyn 1**	**NY**
Precision Microwave Corp., 2	Main St, Millis	Mass
PREMIER MICROWAVE CORP., 2, Adv Pg 469	**33 New Broad St. Port Chester**	**NY**
Prodelin, Inc., 1	307 Bergen Ave, Kearny	NJ
R.L.C. Electronics, Inc., 1	805 Mamaroneck Ave. Mamaroneck	NY
RADAR MEASUREMENTS CORP., 2 Adv Pg 516	**190 Duffy Ave. Hicksville**	**NY**
Sage Laboratories, Inc., 1-2	3 Huron Dr, Natick	Mass
Schutter Microwave Corp., 2	80 E Montauk Hwy. Lindenhurst	NY
Specialty Electronics Development Corp., 1-2	Eileen Way, Syosset	NY
Sperry Microwave Electronics Co., 1-2	Box 1828, Clearwater	Fla
TELERAD DIV. LIONEL CORP., 1-2, Adv Pgs 220, 221	**Rt 69, Flemington**	**NJ**
Turbo Machine Co., 2	840 W. Main St, Lansdale	Pa
United Shoe Machinery Corp., 1-2	140 Federal St. Boston	Mass
Washington Aluminum Co. Inc., 2	Pa RR & Knecht Ave. Baltimore 29	Md
Waveline, Inc., 2	P.O. Box 718, Caldwell	NJ
WEINSCHEL ENGINEERING CO. INC., 1 Adv Pg 51-54, 55	**10503 Metropolitan Ave. Kensington**	**Md**

TEFLON See PLASTICS *-FLUOROCARBONS*
TELEGRAPH *-TONE* See COMMUNICATIONS SYSTEMS
TELEMETERING See AMPLIFIERS *-INSTRUMENTATION:* COMMUNICATION SYSTEMS: COMMUTATORS *-SWITCHING:* CONVERTERS *-SIGNAL:* DECOMMUTATORS: FILTERS *-TELEMETERING:* GENERATORS *-SIGNAL:* OSCILLATORS - A-F: OSCILLATORS - R-F: RECEIVERS *-RADIO COMMUNICATION:* RECORDERS *-GRAPHIC:* RECORDERS *-MAGNETIC TAPE:* SWITCHES *-MULTI-CONTACT:* TRANSDUCERS: TRANSLATORS *-TELEMETERING:* TRANSMITTERS *-RADIO COMMUNICATION* See Also *LISTING UNDER COMPUTER PARTS & ASSOCIATED EQUIPMENT*
TELEPHONE PICKUP COILS See COILS
TELEPHONE RECORDERS See RECORDERS *-TELEPHONE*
TELEPHONE REPEATERS See REPEATERS *-TELEPHONE-LINE*

TELEPHONES *-HANDSETS*

1. GENERAL-PURPOSE 2. SOUND-POWERED

A. O. I. P., 1	23 Pl. Jeanne d'Arc, Paris 13	Fr
American Development Electronics Co., 1	77 Poinier St. Newark 8	NJ
American Microphone Mfg. Co., 1	412 S Wyman St. Rockford	Ill
Audiosears Corp., 1-2	Stewart Hill Rd, Roxbury	NY
Automatic Electric Sales Corp., 1	Northlake	Ill
Bliss Electronic Corp., 1	Box 366, Sussex	NJ
Bogen-Presto Div., Siegler Corp., 1	P.O. Box 500, Paramus	NJ
Communication Equipment & Engineering, 1	5648 W. Race Ave, Chicago	Ill
Continental Electronics Corp., 1-2	302 Oakland St. Brooklyn 22	NY
Executone Inc., 1	415 Lexington Ave. New York 17	NY
Fanon Electronic Industries, Inc., 1-2	439 Frelinghuysen Ave. Newark	NJ
FUJI TSUSHINKI SEIZO K.K., 1-2, Adv Pg 259	**2, 3-Chome, Marunouchi Chiyoda-ku Tokyo**	**Jap**
General Dynamics/Electronics, 1-2	100 Carlson Rd. Rochester 3	NY
Heldor Electronics Mfg. Corp	238 Lewis St. Paterson	NJ
Kellogg Switchboard & Supply Co., 1-2	6650 S. Cicero Ave, Chicago 39	Ill

Lesa Const Elettromeccaniche SpA., 1	21 Via Bergamo, Milano	Italy
Metropolitan Telecommunications Corp., 1-2	Ames Ct. Plainview	NY
Murdock Corp., 1	158 Carter St. Chelsea	Mass
North Electric Co., 1	553 S Market St. Galion	Ohio
OKI ELECTRIC INDUSTRY CO. LTD., 1-2, Adv Pg 257	**10 Shiba Takahama-cho Minato-ku, Tokyo**	**Jap**
Roanwell Corp., 1	180 Varick St. New York 14	NY
Roflan Co., 1-2	Rt. 1 & Camp Meeting Rd, Topsfield	Mass
Standard Tel. & Cables Ltd., 1-2	29 Glasshouse Yard, London	Eng
Telecom, Inc	1019 Admiral Blvd, Kansas City	Mo
U. S. Instrument Corp., 1-2	Box 1288G, Charlottesville	Va
WHEELER ELECTRONIC CORP. SUB. SPERRY RAND CORP., 2, Adv Pg 498	**154 E Aurora St. Waterbury 20**	**Conn**

TELEPRINTER SYSTEMS *See* COMMUNICATION SYSTEMS
TELESCOPIC ANTENNAS *See* ANTENNAS *-TELESCOPIC*
TELESCOPING MASTS *See* MASTS *-ANTENNA*

TELETYPEWRITER EQUIPMENT

Data Equipment Co	923 E. 3rd St, Los Angeles 13	Cal
Data Products Co, Inc	7320 Westmore Rd, Rockville	Md
Denson Electronics Corp	Box 85, Rockville	Conn
Dimensions Inc	7314 - 20th Ave. Brooklyn 4	NY
FUJI TSUSHINKI SEIZO K., Adv Pg 259	**2, 3-Chome, Marunouchi Chiyoda-ku Tokyo**	**Jap**
Kidde Electronics Labs. Walter Kidde & Co. Inc.	477 Brighton Rd. Clifton	NJ
Metropolitan Telecommunications Corp	Ames Ct. Plainview	NY
OKI ELECTRIC INDUSTRY CO. LTD., Adv Pg 257	**10 Shiba Takahama-cho Minato-ku, Tokyo**	**Jap**
Teletype Corp	5555 W. Touhy Ave, Skokie	Ill
TREPAC CORP. OF AMERICA, Adv Pgs 415, 426	**30 W Hamilton Ave. Englewood**	**NJ**

TELEVISION *See* TV *LISTINGS*
TELLURIDES *See* INTERMETALLICS

TELLURIUM

Accurate Specialties Co. Inc.	345 Lodi St. Hackensack	NJ
Bram Metallurgical Chemical Co	820 65 Ave, Philadelphia 26	Pa
Cerro Sales Corp	300 Park Ave. New York 22	NY
A.D. Mackay, Inc	198 Broadway, New York 38	NY
OHIO SEMICONDUCTORS, Adv Pg 87	**1205 Chesapeake Ave. Columbus 12**	**Ohio**
Semi-Alloys Inc	20 McQueston Pkwy. N, Mt. Vernon	NY
United Mineral & Chemical Corp.	16 Hudson St. New York 13	NY
Var-Lac-Oid Chemical Co	116 Broad St, New York 4	NY

TEMPERATURE CHAMBERS *See* CHAMBERS *-ENVIRONMENTAL TEST*
TEMPERATURE-COEFFICIENT METALS *See* COEFFICIENT *METALS*
TEMPERATURE-COEFFICIENT RESISTORS *See* THERMISTORS
TEMPERATURE-COMPENSATING CAPACITORS *See* CAPACITORS *-FIXED*
TEMPERATURE CONTROL *See* CONTROLS *-TEMPERATURE*
TEMPERATURE-EXPANSION METALS *See* COEFFICIENT *METALS*
TEMPERATURE-INDICATING MATERIALS *See* CRAYONS *-TEMPERATURE INDICATING;* MATERIALS *- INSPECTION & PROCESS CONTROL*
TEMPERATURE INDICATING MATERIALS *See* CRAYONS *-TEMPERATURE INDICATING;* PAINTS *-TEMPERATURE INDICATING*
TEMPERATURE INDICATORS *See* INDICATORS *-TEMPERATURE*
TEMPERATURE-MEASURING BRIDGES *See* BRIDGES *-RESISTANCE: BRIDGES -SELF-BALANCING*
TEMPERATURE MEASURING DEVICES *See* METERS *-THERMOCOUPLE:* PYROMETERS *-RADIATION:* THERMOCOUPLES: THERMOMETERS *- RESISTANCE*
TEMPERATURE RECORDERS *See* RECORDERS *-TEMPERATURE*
TEMPLATES *-SCHEMATIC SYMBOL See* DRAFTING SUPPLIES

TENSION DEVICES *-COIL WINDING*

ALLIED CONTROL CO. INC., Adv Pg 102	**2 East End Ave. New York 21**	**NY**
HIRSCHMANN CO. INC., Carl, Adv Pg 416	**30a Park Ave. Manhasset**	**NY**
INDUSTRIAL WINDING MACHINERY CORP., Adv Pg 561	**Box 744, Church St. Sta. New York 8**	**NY**
Wells Electronics Co	1701 S Main St. South Bend 23	Ind

TENSION METERS *See* METERS *-TENSION*
TENTERING CONTROLS *See* CONTROLS *-PHOTOELECTRIC*
TERMINAL-IDENTIFYING LABELS *See* LABELS
TERMINAL INSERTERS *See* MACHINES *-TERMINAL-INSTALLING*

TERMINALS

1. PRINTED WIRING BOARD, EDGED-GRIPPING
2. PRINTED WIRING BOARD, SOLDERED IN PLACE
3. REGULAR & MINIATURE (CHASSIS & STRIP)
4. SUBMINIATURE (CHASSIS & STRIP)
5. WIRE, SOLDERED
6. WIRE, SOLDERLESS

Accurate Electronics Corp., 2-3-4	Box 935G, Elyria	Ohio
Acme Model Engineering Co.	6224 15th Ave. Brooklyn 19	NY
Alac, Inc., 3-4-6	365 W. Arden St. Glendale	Cal
ALDEN PRODUCTS CO., 1-2-3, Adv Pg 359	**112 N Main St. Brockton 64**	**Mass**
Allegheny Plastics Inc.	10 Thorn Run Rd. Coraopolis	Pa
Alpine Electronic Components, 3-4	Wolcott Rd, Waterbury	Conn
Amatom Electronic Hardware Co. Inc., 1-2-3-4	88 Drake Ave. New Rochelle	NY
AMERICAN ELECTRONIC WIRE & CABLE, 6, Adv Pg 18	**120 S Hewitt St. Los Angeles**	**Cal**
AMP INC., 1-3-6, Adv Pgs 65, 183	**Eisenhower Blvd. Harrisburg**	**Pa**
Anaconda American Brass Co., 1	414 Meadow St. Waterbury 20	Conn
Arnel Electronics Inc., 3	1601 - 75th St. North Bergen	NJ
Auto-Swage Products, Inc., 1	255 Canal St. Shelton	Conn
BEAD CHAIN MFG CO., 3, Adv Pg 306	**110 Mountain Grove St. Bridgeport 5**	**Conn**
Berg Mfg Corp., 2-3-4-5-6	142 Reno Ave. New Cumberland	Pa
BIRNBACH RADIO CO. INC., 5, Adv Pg 529	**145 Hudson St. New York 13**	**NY**
BUCHANAN ELECTRICAL PRODUCTS CORP., 6, Adv Pg 486	**525 U. S. 22, Hillside**	**NJ**
BURNDY CORP., 1-6, Adv Pg 103	**Norwalk**	**Conn**
Cambridge Thermionic Corp., 1-3-4	445 Concord Ave, Cambridge 38	Mass
CANNON ELECTRIC CO., 3-4, Adv Pg 287	**3203 Humboldt St. Los Angeles 31**	**Cal**
Chemprint Corp., 1-2	4000 Campbell Ave, Menlo Park	Cal
CINCH MFG. CO., 1-3-5-6, Adv Pgs 296, 297	**1026 S Homan Ave. Chicago 24**	**Ill**
Cleveland Metal Specialties Co., 1	1783 E 21st St. Cleveland 14	Ohio
CONTINENTAL CONNECTOR CORP., 6, Adv Pg 227	**34-63 56th St. Woodside 77**	**NY**
Dante Electric Mfg. Co., 5-6	P.O. Box 6, Bantam	Conn
Donmar Products, Inc., 5-6	Box 8396 Denver	Colo
ETC Inc., 6	990 E. 67th St, Cleveland 3	Ohio
Emmco Plastics Corp., 1-2-3-5-6	68 Vine St. Everett	Mass
Enflo Corp., 3-4	Fellowship Rd, Rt. 73, Maple Shade	NJ
Etching Corp. of Cal. Div. Allegri-Tech Inc., 1	865 Hinckley Rd. Burlingame	Cal
Farwest Mfg. Div. Inc., 1-3	209 1st St. Seattle	Wash
FEDERAL SCREW PRODUCTS INC., 5-6, Adv Pg 553	**3917 N Kedzie Ave. Chicago 18**	**Ill**
FUSITE CORP., 3-5, Adv Pg 157	**6000 Fernview Ave. Cincinnati 13**	**Ohio**
G-C Electronics Co., 6	400 S. Wyman St, Rockford	Ill
Garde Mfg. Co., 5-6	53 John St. Cumberland	RI
Garlock Electronics Products, Garlock Inc., 3-4	Camden 1	NJ
General Components Co., 1-3-4-5-6	225-229 E 144th St. New York 51	NY
Goe Engineering Co., 1-2-3-5-6	219 S Mednik Ave. Los Angeles 22	Cal
Hellerman Canada Ltd., 5-6	44 Danforth Rd. Scarborough	Ont
Henry & Miller Industries, Inc., 3	675 Garfield Ave, Jersey City 5	NJ
Hollingsworth Co., Solderless Terminal Div., 6	Box 430, Phoenixville	Pa
Hunter Tool Co., 6	9851 Alburtis, Santa Fe Springs	Cal
I. E. Manufacturing, 3-4-5-6	3041 Carroll, Chicago 12	Ill
ITT Federal Labs Div. ITT Corp., 1-2	500 Washington Ave. Nutley	NJ
Ippolito & Co., Inc., James, 3-5	1624 Stillwell Ave. Bronx 61	NY
Jan Hardware Mfg Co. Inc., 3-6	38-01 Queens Blvd. Long Island City 1	NY
Javex Electronics, 5-6	Box 646, Redlands	Cal
Jones Electronics, Hiram, 3-4-5	2313 W. Olive Ave, Burbank	Cal
Jones & Roy Co., 1-5-6	620 Commercial Ave, Covina	Cal
Keystone Electronics Corp., 2-5	49 Bleecker St. New York 12	NY
Kulka Electric Corp., 2-3-4-5	633 S Fulton Ave. Mt Vernon	NY
Lerco Div. Microdot Inc., 3-4-5-6	501 S Varney St. Burbank	Cal
Lyn-Tron, Inc., 3-4-6	5350 Riverton Ave. North Hollywood	Cal
Malco Mfg. Co., 2-3-4-5-6	4023 W. Lake St. Chicago 24	Ill
Marathon Electric Mfg. Corp., 3	Randolph & Cherry Sts, Wausau	Wisc
Microdot, Inc., 1-2-3-4-5-6	220 Pasadena Ave. South Pasadena	Cal
Millen Mfg. Co., James, 3	150 Exchange St, Malden	Mass
Molded Insulation Co., 4	335 E Price St. Philadelphia 44	Pa
Molding Corp. of America, 3	42 Church St. Pawtucket	RI
Molex Products Co., 1-6	9515 Southview Ave. Brookfield	Ill
Morse Co., Frank W., 5	354 Congress St, Boston 10	Mass
National Fabricators, Inc., 1-2-3-4	2650 W. Belden Ave, Chicago 47	Ill
NATIONAL RADIO CO., 5-6, Adv Pg 499	**37 Washington St. Melrose 76**	**Mass**
NATIONAL TEL-TRONICS CORP., 1-2-3-4-5-6, Adv Pg 537	**52 St Casmir Ave. Yonkers**	**NY**
North Electric Co., 1-2	553 S Market St. Galion	Ohio
Nutmeg Screw Machine Products Co., 2-3-4-5	P.O. Box 1470, Waterbury	Conn
Oki & Willadsen Ltd., 2-3-4-5	47 Crockford Blvd. Toronto 16	Ont
Pacific Electricord Co., 5-6	747 W Redondo Beach Blvd. Gardena	Cal
Parkway Specialties Co., 5	22519 Plymouth Rd. Detroit 39	Mich
Patton-MacGuyer Co., 5-6	17 Virginia Ave. Providence 5	RI
PENN-UNION ELECTRIC CORP., 3-6, Adv Pg 540	**315 State St. Erie**	**Pa**
Plastronic Engineering Co., 3-4	721 Boston Post Rd, Marlborough	Mass
Precision Metal Products Co. of Malden, 1-2-3-4	41 Elm St. Stoneham 80	Mass
Rimak Electronics Inc., 2-3-4-5	10929 Vanowen St. N Hollywood	Cal
Rosan, Inc., 3-4-5	2901 W. Coast Hwy, Newport Beach	Cal
Ross Co., Milton, 1-2-5-6	239 Jacksonville Rd. Hatboro	Pa
Rye Sound Corp., 5-6	145 Elm St. Mamaroneck	NY
SEALECTRO CORP., 3-4, Adv Pg 352	**139 Hoyt Ave. Mamaroneck**	**NY**
Sherman Mfg. Co., H.B., 5-6	22 Barney St, Battle Creek	Mich
Smith, Inc. Herman H., 1-2-3-4-5-6	2326 Nostrand Ave. Brooklyn 10	NY
Speed Electronics Inc., 2-3-4-5	177 Mill Ln. Mountainside	NJ
Stimpson Co. Inc., Edwin B., 5	74 Franklin Ave. Brooklyn 5	NY
Strat-O-Seal Mfg Co	3039 W Fullerton Ave. Chicago 47	Ill
Sylvania Electric Products Inc. Parts Div., 1-2	12 2nd Ave. Warren	Pa
TAURUS CORP., 3-4, Adv Pg 439	**Washington St. Lambertville**	**NJ**
TEFCO CORP., 2-3-4-6, Adv Pg 500	**28 Willett St. Port Chester**	**NY**
Thomas & Betts Co., Inc., The, 3-6	36 Butler St, Elizabeth 1	NJ
Thompson-Bremer & Co. Div. AMF, 5	228 N LaSalle St. Chicago 1	Ill
Torrington Co., 2-3-4-5-6	59 Field St. Torrington	Conn
TRI-POINT PLASTICS, INC., 4 Adv Pg 479	**175 I. U. Willets Rd. Albertson**	**NY**
UCINITE CO. DIV. UCF, 1-2-6, Adv Pg 69	**459 Watertown St. Newtonville**	**Mass**
United Mineral & Chemical Corp., 3	16 Hudson St. New York 13	NY
U.S. Engineering Co. Div. Litton Ind., 1-2-3-4-5-6	13536 Saticoy, Van Nuys	Cal
Vaco Products Co., 6	317 E. Ontario, Chicago	Ill
VECTOR ELECTRONIC CO., 2-3, Adv Pg 544	**1100 Flower St. Glendale 1**	**Cal**
Wade Electric Products Co., 5	400 Jacob St. Sturgis	Mich
Waldom Electronics, Inc., 5-6	4621 W. 53rd St, Chicago 32	Ill
Waterbury Companies, Inc., 5	Waterbury 20	Conn
Wells Electronics Co., 4	1701 S Main St. South Bend 23	Ind
WHITSO INC., 6, Adv Pg 488	**9328 Byron St. Schiller Park**	**Ill**
WILKINSON CO., Adv Pg 100	**1660 9th St. Santa Monica**	**Cal**
Zierick Mfg. Corp., 5-6	Beechwood & Rockdale, New Rochelle	NY

TERMINALS *-FEED-THROUGH See* INSULATORS *-FEED-THROUGH*

TERMINAL STRIPS

1. BOARDS, FLAT 2. MOLDED

ADC INCORPORATED, 2, Adv Pg 150	**2883 13th Ave. S, Minneapolis 7**	**Minn**
Accurate Electronics Corp., 1-2	Box 935G, Elyria	Ohio
Acme Model Engineering Co., 1	6224 15th Ave, Brooklyn 19	NY
Aerolite Electronics Corp., 1	2207 Summit Ave, Union City	NJ
Aeronautical Electric Co., 1	5656 Northwest Hwy, Chicago 46	Ill
Air-O-Tronics Engineering Co., 2	Morrisville	NY
Alac, Inc., 1	365 W. Arden St, Glendale	Cal
Allegri-Tech Inc., 1	141 River Rd. Nutley 10	NJ
Alpine Electronic Components, 1	Wolcott Rd, Waterbury	Conn
Amatom Electronic Hardware Co., Inc., 1	88 Drake Ave, New Rochelle	NY
AMERICAN LAVA CORP., 1-2, Adv Pg 237	**Cherokee & Mfgrs Rd. Chattanooga 5**	**Tenn**
Apahouser Corp., 1	1312 Boylston St, Boston	Mass
Arnel Electronics Inc., 2	1601 - 75th St. North Bergen	NJ
Arrow-Hart & Hegeman Electric Co., 1	103 Hawthorn St. Hartford 6	Conn
Auburn Mfg. Co., The, 1	Peace Ave. & Stack St. Middletown	Conn
Berg Mfg Corp., 1-2	142 Reno Ave. New Cumberland	Pa
BIRNBACH RADIO CO. INC., 1, Adv Pg 529	**145 Hudson St. New York 13**	**NY**
BUCHANAN ELECTRICAL PRODUCTS CORP., 1, Adv Pg 486	**525 U. S. 22, Hillside**	**NJ**
Carvil Technical Ceramics Inc., 2	801-23rd St. Union City	NJ
Chemprint Corp., 1	4000 Campbell Ave. Menlo Park	Cal
CINCH MFG. CO., 1-2, Adv Pgs 296, 297	**1026 S Homan Ave. Chicago 24**	**Ill**
Comco Plastics, Inc., 1	98-40 Jamaica Ave. Richmond Hill	NY
Communication Equipment & Engineering, 2	5646 W. Race Ave, Chicago	Ill
Conductorlab, Inc., 1	Groton	Mass
CONTINENTAL CONNECTOR CORP., 2, Adv Pg 227	**34-63 56th St. Woodside 77**	**NY**
Continental-Diamond Fibre Corp., 1	Newark 100	Del
Control Devices, Inc., 1	925 S. Elton Rd, Birmingham	Mich
Cortland Industries, Inc., 1	4545 Cortland St. Chicago 39	Ill
Curtis Development & Mfg. Co., 2	3226 N. 33 St. Milwaukee 16	Wisc
Dean Plastics Inc., 1	110 Herbert Ave. Closter	NJ
DIMCO-GRAY CO., 2, Adv Pg 396	**207 E 6th St. Dayton**	**Ohio**
Duralith Corp., 1	1125 Race St. Philadelphia 7	Pa
ECM Corp., 1	8160 Orion Ave, Van Nuys	Cal
Eby Co., Hugh H., 1-2	4701 Germantown Ave, Philadelphia 44	Pa
ELECTRICAL INSULATION CO. INC., 1, Adv Pg 500	**1245 Marconi Blvd. Copiague**	**NY**
Emeloid Co. Inc., 2	1239 Central Ave, Hillside 5	NJ
Emerson Plastics Corp., 1-2	1393 Seabury Ave. Bronx 61	NY
Emmco Plastics Corp., 1	68 Vine St. Everett	Mass
Excellex Electronics, Inc., 1-2	88-06 Van Wyck Expwy, Jamaica 18	NY
FEDERAL SCREW PRODUCTS INC., 1-2, Adv Pg 553	**3917 N Kedzie Ave. Chicago 18**	**Ill**
Fidelity Amplifier Co., 1	1633 N. Halsted St, Chicago 14	Ill
Fisher & Crome, L	107 N. Camac St, Philadelphia 7	Pa
Franklin Fibre-Lamitex Corp., 1	Box 1768, Wilmington	Del
Garde Mfg. Co., 1-2	53 John St. Cumberland	RI
General Components Co., 1	225-229 E 144th St. New York 51	NY
General Prods. Corp., 2	107 Salem St. Union Springs	NY
GREENE ELECTRONICS INC., 1, Adv Pg 432	**1840 Cranston St. Cranston 9**	**RI**
Hampden Mfg. Co., Inc., 1	P.O. Box 89, Three Rivers	Mass
Harvey Hubbell, Inc., 1	State St & Bostwick Ave, Bridgeport 2	Conn
I. E. Manufacturing, 1	3041 Carroll, Chicago 12	Ill
I. K. Mfg. Co., 1	121 Greene St. New York 12	NY
INDUSTRIAL ELECTRONIC HARDWARE CORP., 1, Adv Pg 555	**109 Prince St. New York 12**	**NY**
Industrial Engravers, Inc., 1	2212 McDonald Ave, Brooklyn 23	NY
Intl. Tel. & Tel. Corp. Ind. Prods. Div., 3	15191 Bledsoe St. San Fernando	Cal
Ippolito & Co., Inc., James, 1	1624 Stillwell Ave. Bronx 61	NY
Jackson Bros (London) Ltd., 1-2	258 Broadway, New York 7	NY
Jones Electronics, Hiram, 1	2313 W. Olive Ave, Burbank	Cal
JONES, HOWARD B., DIV., CINCH MFG. CO., 1-2, Adv Pg 297	**1026 S Homan Ave. Chicago 24**	**Ill**
Keystone Electronics Corp., 1	49 Bleecker St, New York 12	NY
KINGS ELECTRONICS CO. INC., 2, Adv Pg 506	**40 Marbledale Rd. Tuckahoe**	**NY**
Kulka Electric Corp., 1-2	633 S. Fulton Ave, Mt. Vernon	NY
Laminated Sheet Products Corp., 1	449 Neponset St. Norwood	Mass
Lawrence Adhesive & Chemical Co. Inc., 2	19 S Canal St. Lawrence	Mass
Lerco Div. Microdot Inc., 1	501 S Varney St. Burbank	Cal
Long, Inc., Thomas J., 1	215 Stonehinge Ln, Carle Place	NY
Lyn-Tron, Inc., 1	5350 Riverton Ave. North Hollywood	Cal
Malco Mfg. Co., 1	4023 W. Lake St. Chicago 24	Ill
Mandex Mfg. Co., Inc., 1	2616 W. 48 St, Chicago	Ill
Marathon Electric Mfg. Corp., 2	Randolph & Cherry Sts. Wausau	Wis
METHODE MFG. CORP., 1 Adv Pgs 458, 459	**7447 W. Wilson Ave. Chicago 31**	**Ill**
Microdot, Inc., 1	220 Pasadena Ave. South Pasadena	Cal
Millen Mfg Co., James, 2	150 Exchange St. Malden	Mass
Miller Co., J.W., 1	5917 S Main St. Los Angeles 3	Cal
Molded Insulation Co., 2	335 E Price St. Philadelphia 44	Pa
Molding Corp. of America, 2	42 Church St. Pawtucket	RI
Molex Products Co., 1-2	9515 Southview Ave, Brookfield	Ill
Murdock Corp., 1	158 Carter St, Chelsea	Mass
National Fabricators, Inc., 1	2650 W. Belden Ave, Chicago 47	Ill
NATIONAL TEL-TRONICS CORP., 1, Adv Pg 537	**52 St Casimir Ave. Yonkers**	**NY**
North Electric Co., 1-2	553 S Market St. Galion	Ohio
Nutmeg Screw Machine Products Co. 1	P.O. Box 1470, Waterbury	Conn
Oki & Willadsen, Ltd., 1	47 Crockford Blvd, Toronto 16, Ontario, Canada	
Olympic Plastics Co., Inc., 2	3471 S. La Cienega, Los Angeles 16	Cal
PENN-UNION ELECTRIC CORP., 1-2, Adv Pg 540	**315 State St. Erie**	**Pa**
Permanite Mfg. Co., 1	910 W. Jackson Blvd, Chicago 7	Ill
Precision Metal Products Co of Malden, 1	41 Elm St, Stoneham 80	Mass
Rimak Electronics Inc., 1-2	10929 Vanowen St. N Hollywood	Cal
Ross Co., Milton, 1-2	239 Jacksonville Rd. Hatboro	Pa
Shaw Insulator Co., 2	276 Snyder Ave. Berkeley Heights	NJ
Silicone Insulation, Inc., 1-2	1385 Seabury Ave. Bronx 61	NY
Slip Ring Co. of America, 1-2	3612 W Jefferson Blvd. Los Angeles 16	Cal
Smith, Inc., Herman H., 1-2	2326 Nostrand Ave, Brooklyn 10	NY
Speed Electronics Inc., 1	177 Mill Ln. Mountainside	NJ
Spruce Pine Mica Co., 1	Spruce Pine	NC
Swenson Co., Inc., V.H., 2	552 Elm St, Kearny	NJ
Sylvania Electric Products Inc., Parts Div., 2	12 Second Ave, Warren	Pa
Taylor Fibre Co., 1	Norristown 51	Pa
Thomas & Betts Co., Inc., 1	36 Butler St. Elizabeth 1	NJ
Tingstol Co., 1	1340 W. Fullerton, Chicago 14	Ill
Tri-Dex Co., 1	P.O. Box 1207, Lindsay	Cal
TRI-POINT PLASTICS, INC., 1, Adv Pg 479	**175 I. U. Willets Rd. Albertson**	**NY**
Unitrod Products Co., 1	165 Franklin Ave. Nutley 10	NJ
U. S. Dielectric Products, Inc., 2	98 Adams St. Leominster	Mass
U.S. Engineering Co., Div., Litton Ind., 1	13536 Saticoy, Van Nuys	Cal
VECTOR ELECTRONIC CO., 1, Adv Pg 544	**1100 Flower St. Glendale 1**	**Cal**
Waldom Electronics, Inc., 1	4621 W. 53rd St, Chicago 32	Ill
Waltham Electronics Corp., 7-8	751 Main St. Waltham 54	Mass
Warren Components Div. El-Tronics, 1-2	S Irvine St. Warren	Pa
Wells Electronics Co., 2	1701 S Main St. South Bend 23	Ind
Winder Aircraft Corp., 1-2	Dunnellon Air Base, Dunnellon	Fla

TERMINATIONS *(LOADS)*

1. MICROWAVE, FIXED
2. MICROWAVE, VARIABLE
3. VHF, VIDEO & PULSE CIRCUIT

Airtec, Inc., 1-2	139 E. First Ave, Roselle	NJ
Airtron, Div of Litton Industries, 1-2	200 E. Hanover Ave, Morris Plains	NJ
ALFORD MFG. CO., 1 Adv Pg 78	**299 Atlantic Ave. Boston**	**Mass**
Altron Electronics, 1	Box 141, Ridley Park	Pa
ANTENNA SYSTEMS, INC., 1, Adv Pg 420	**Hingham Industrial Center, Hingham**	**Mass**
APPLIED RESEARCH INC., 1-3, Adv Pg 124	**76 S Bayles Ave. Port Washington**	**NY**
Ardwin Microlab, Inc., 1-2	21 Spencer St, Stoneham 80	Mass
ARRA CORP., 1-2, Adv Pg 490	**27 Bond St. Westbury**	**NY**
AUTOMATIC METAL PRODUCTS CORP., 1-2, Adv Pg 550	**315 Berry St. Brooklyn 11**	**NY**

BIRD ELECTRONIC CORP., 1-3, Adv Pg 239	30303 Aurora Rd. Cleveland 39	Ohio
Bogart Mfg Corp., 1-2-3	315 Seigel St. Brooklyn 6	NY
BUDD STANLEY CO. INC., 1-2, Adv Pg 313	175 Eileen Way, Syosset	NY
C & S Navigation Corp., 1-2	301 W. Hoffman Ave, Lindenhurst	NY
Canoga Div., Underwood Corp., 2	15330 Oxnard St, Van Nuys	Cal
CARBORUNDUM CO. REFRACTORIES DIV., 1, Adv Pgs 104, 105	Perth Amboy	NJ
Cassell Electronics Corp., 1	414 Queens La, San Jose 12	Cal
CONTROL ELECTRONICS CO. INC., 1, Adv Pg 444	10 Stepar Pl. Huntington Sta	NY
Crowley Div. Smith Corp., A. O., 1	1 Central Ave. W Orange	NJ
CUSTOM COMPONENTS INC., 1, Adv Pg 396	P. O. Box 248, Caldwell	NJ
DeMORNAY-BONARDI CORP., 1-2, Adv. Pgs. 178, 179	780 S Arroyo Pkwy. Pasadena	Cal
Diamond Antenna & Microwave Corp., 1-2	River St, Winchester	Mass
Don-Lan Electronics Inc., 3	1131 Olympic Blvd. Santa Monica	Cal
DOUGLAS MICROWAVE CO. INC., 1-2, Adv Pg 235	252 E 3rd St. Mt Vernon	NY
EMI/US Ltd., 1-2	1750 N Vine St. Los Angeles 28	Cal
EITEL-McCULLOUGH INC., 1, Adv Pgs 57-60	301 Industrial Way, San Carlos	Cal
Electrada Corp., 1	11244 Playa St. Culver City	Cal
ELECTRO IMPULSE LAB., 1-3, Adv Pg 357	208 River St. Red Bank	NJ
Emerson & Cuming, Inc., 1	869 Washington St. Canton	Mass
Film Resistors Inc., 1-2	242 Ridgedale Ave. Morristown	NJ
Filmohm Corp., 1-2	48 W. 25 St, New York 10	NY
General Aniline & Film Corp. Ansco Div., 1	Vestal Pkwy. E, Binghamton	NY
General Communication Co., 1	677 Beacon St, Boston 15	Mass
HEWLETT-PACKARD CO., 1-3, Adv Pgs 19-34	1501 Page Mill Rd. Palo Alto	Cal
Jerrold Electronics Corp., 3	15th & Lehigh, Philadelphia 32	Pa
JONES ELECTRONICS CO INC, M C, SUB BENDIX CORP, 3 Adv Pg 131	185 N Main St. Bristol	Conn
Kearfott Div. Gen. Precision Inc. Microwave Prods., 1-2	14844 Oxnard St, Van Nuys	Cal
LIECO INC., 1-2, Adv Pg 398	150 Eileen Way, Syosset	NY
M.C.S. Corp., 1-2	1001 S Mountain Ave. Monrovia	Cal
Maury & Associates, 1-2	10373 Mills Ave. Montclair	Cal
Meridian Metalcraft, Inc., 1-2	8739 S. Millergrove Dr, Whittier	Cal
Metavac, Inc., 1	45-68 162 St, Flushing 58	NY
MICROLAB, 1-2-3, Adv Pg 356	570 W Mt. Pleasant Ave. Livingston	NJ
Microtech, Inc., 1-2	Milldale Rd. Cheshire	Conn
Microwave Associates, Inc., 1-2	Burlington	Mass
Microwave Components, Inc., 1-2	Doylestown	Pa
MICROWAVE CORP. OF AMERICA, 1-2, Adv Pg 462	P.O. Box 278, Stanford	Conn
Microwave Development Labs. Inc., 1-2	15 Strathmore Rd. Natick	Mass
Microwave Dynamics Corp., 1-2-3	5 Fairchild Ct. Plainview	NY
Microwave Semiconductor & Inst. Inc., 1-2	116-05 Myrtle Ave. Richmond Hill 18	NY
Narda Microwave Corp., 1-2	Plainview	NY
OMEGA LABORATORIES INC., 1-2, Adv Pg 226	Box 309, Rowley	Mass
PRD ELECTRONICS INC., 1-2, Adv. Pgs. 113-116	202 Tillary St. Brooklyn 1	NY
Philco Corp. Govt & Ind Div., 1-2	4700 Wissahickon Ave. Phila 44	Pa
PORTCHESTER INSTRUMENT CORP., 1-2, Adv Pg 468	114 Wilkins Ave. Port Chester	NY
Precision Microwave Corp., 1	Main St, Millis	Mass
PREMIER MICROWAVE CORP., 1-2, Adv Pg 469	33 New Broad St. Port Chester	NY
RADAR MEASUREMENTS CORP., 1-2 Adv Pg 516	190 Duffy Ave, Hicksville	NY
Rantec Corp., 1	23999 Ventura Blvd, Calabasas	Cal
RAYTHEON CO. SPEC MICROWAVE DEV OPER., 1, Adv Pgs 38, 39	Waltham Industrial Park, Waltham 54	Mass
RIXON ELECTRONICS INC., 3, Adv Pg 412	2414 Reedie Dr. Silver Spring	Md
Sage Laboratories, Inc., 1-2	3 Huron Dr, Natick	Mass
SANDERS ASSOCIATES INC., 1, Adv Pg 380	95 Canal St. Nashua	NH
Schutter Microwave Corp., 1	80 E Montauk Hwy. Lindenhurst	NY
SIERRA ELECTRONIC CORP., 1-3, Adv Pgs 128, 129	3885 Bohannon Dr. Menlo Park	Cal
Sigma Electronics Research Corp., 1-2	15725 Ambaum Blvd. Seattle 66	Wash
Speed Electronics Inc., 1	177 Mill La. Mountainside	NJ
Sperry Microwave Electronics Co., 1-2	P.O. Box 1828, Clearwater	Fla
STODDART AIRCRAFT RADIO CO. INC., 1, Adv Pg 455, 456	6644 Santa Monica Blvd. Hollywood 38	Cal
TRG Inc., 1	9 Union Sq. Somerville	Mass
TELERAD DIV. LIONEL CORP., 1-2, Adv Pgs 220, 221	Rt 69, Flemington	NJ
Tarzian Inc., Sarkes, 1-2	841 N. Main St, Lansdale	Pa
United Products Co., 1	165 Franklin Ave. Nutley 10	NJ
United Shoe Machinery Corp., 1-2	140 Federal St. Boston	Mass
Varian Associates, 1	611 Hansen Way, Palo Alto	Cal
Washington Aluminum Co. Inc., 1-2	Pa RR & Knecht Ave. Baltimore 29	Md
Wheeling, Inc., 1-2	P.O. Box 711, Caldwell	NJ
WEINSCHEL ENGINEERING CO., INC., 1, Adv Pg 51-54, 55	10503 Metropolitan Ave, Kensington	Md

TERRESTIAL GUIDANCE SYSTEMS See GUIDANCE SYSTEMS
TEST ADAPTERS See ADAPTERS
TEST BENCH SET UPS See BENCH TEST SET UPS
TEST CHAMBERS See CHAMBERS –*ENVIRONMENTAL TEST*
TEST CLIP INSULATORS See INSULATORS –*TEST CLIP*
TEST CLIPS See CLIPS –*TEST*
TEST EQUIPMENT –*ENVIRONMENTAL* See CHAMBERS –*ENVIRONMENTAL TEST*: MACHINES: VIBRATION ANALYSIS EQUIPMENT: VIBRATORS

TESTERS –*AMPLITUDE LINEARITY*

A R & D A	135 Main St. Belleville 9	NJ
CARBORUNDUM CO. REFRACTORIES DIV., Adv Pgs 104, 105	Perth Amboy	NJ
Theta Instrument Corp	520 Victor St. Saddle Brook	NJ

TESTERS See Also ANALYZERS

TESTERS –*BATTERY*

A R & D A	135 Main St. Belleville 9	NJ
Amer-Monarch Corp. Amer. Elec. Div.	2801 37th Ave. NE, Minneapolis 18	Minn
Anchor Specialty Mfg. Co., Inc	300 Hollister Rd, Teterboro	NJ
Arno Mfg. Co., Inc	5025 N. 124th St, Milwaukee	Wisc
Canadian Research Institute	85 Curlew Dr. Don Mills	Ont
CHRISTIE ELECTRIC CORP., Adv Pg 146	3410 W 67 St. Los Angeles 43	Cal
MACARR, INC., Adv Pg 502	4360 Bullard Ave. Bronx	NY
OPAD ELECTRIC CO., Adv Pg 400	43-5 Wahler St. New York 13	NY
Pacific Automation Products, Inc	1200 Air Way, Glendale 1	Cal

TESTERS –*BREAKDOWN* See TESTERS –*INSULATION*

TESTERS –*CABLE*

Anchor Specialty Mfg. Co., Inc	300 Hollister Rd, Teterboro	NJ
Astral Electronics Inc	14620 Arminta St, Van Nuys	Cal
Automation Dynamics Corp	255 County Rd, Tenafly	NJ
Bliss Electronic Corp	P.O. Box 366, Sussex	NJ
Canadian Research Institute	85 Curlew Dr. Don Mills	Ont
Corbett Science Labs., F.W.	3117 Venice Blvd. Los Angeles 19	Cal
Epic Inc	150 Nassau St. New York 38	NY
Erdco Engineering Corp	Addison	Ill
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	1 River Rd. Schenectady 5	NY
HAYDON CO., A. W., Adv Pgs 302, 303	4038 Ince Blvd. Culver City	Cal
Instrument Laboratories	315 W. Walton Pl, Chicago 10	Ill
LAVOIE LABORATORIES INC., Adv Pg 312	Morganville	NJ
Leeds & Northrup Co	4970 Stenton Ave. Phila. 44	Pa
Pacific Automation Products, Inc	1200 Air Way, Glendale 1	Cal
Peschel Electronics, Inc	Rt. 216, Towners, Patterson	NY
Rodale Electronics	562 Grand Blvd. Westbury	NY
Sunshine Scientific Instrument	1810 Grant Ave. Philadelphia 15	Pa
Tavix Corp	P.O. Box 346, Newark	Ohio
Wiley Electronic Products Co	2045 W Cheryl Dr. Phoenix	Ariz

TESTERS –*CAPACITOR & DIELECTRIC* See Also MACHINES –*CAPACITOR MANUFACTURING, SORTING*

A R & D A	135 Main St. Belleville 9	NJ
Bliss Electronic Corp	P.O. Box 366, Sussex	NJ
Bruel & Kjaer	Lindevile 23, Naerum	Denmark
Canadian Research Institute	85 Curlew Dr. Don Mills	Ont
Corbett Science Labs., F.W.	3117 Venice Blvd. Los Angeles 19	Cal
CORNELL-DUBILIER ELECTRONICS DIV. FED PACIFIC ELEC CO., Adv Pgs 148, 149	50 Paris St. Newark 1	NJ
Erdco Engineering Corp	Addison	Ill
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9	1 River Rd. Schenectady 5	NY
HAYDON CO., A. W., Adv Pgs 302, 303	4038 Ince Blvd. Culver City	Cal
Kahl Scientific Instrument Corp	737 W Main St. El Cajon	Cal
Pennsylvania Testing Lab., Inc	Doylestown	Pa
Peschel Electronics, Inc	Rt. 216, Towners, Patterson	NY
PRECISE MEASUREMENTS CO Adv Pg 322	R.D.1, Millbrooks Rd. Flemington	NJ
Sunshine Scientific Instrument	1810 Grant Ave. Philadelphia 15	Pa

TESTERS –*CATHODE-RAY* See TESTERS –*TUBE*

TESTERS –*CIRCUIT*
1. CONTINUITY *3. RESISTANCE VALUE*
2. PERFORMANCE CHARACTERISTICS

AC Electronics, Inc., 1	11725 Mississippi Ave. Los Angeles 25	Cal
A. O. I. P., 1-2-3	23 Pl. Jeanne d'Arc, Paris 13	Fr
A R & D A, 1-2-3	135 Main St. Belleville 9	NJ
Advanced Technology Labs., 1	369 Whisman Rd, Mountain View	Cal
AIRBORNE INSTRUMENTS LAB. DIV. CUTLER-HAMMER INC., 2, Adv Pg 151	Comac Rd. Deer Park	NY
Allied Radio Corp., 3	100 N Western Ave. Chicago 80	Ill
American Machine & Foundry Co., 1-2	1025 N Royal St. Alexandria	Va
Anchor Specialty Mfg. Co. Inc., 1-2	300 Hollister Rd. Teterboro	NJ
Apparatus Development Co., Inc., 1	Drawer 153, Wethersfield 9	Conn
ASSOCIATED RESEARCH, INC., 1-3, Adv Pg 218	3788 W Belmont Ave. Chicago 18	Ill
ASSOCIATED TESTING LABORATORIES INC., 1, Adv Pg 343	107 Route 46, Wayne	NJ
Astral Electronics Inc., 1	14620 Arminta St. Van Nuys	Cal
Auto Data, 2-3	Box 9146, San Diego 9	Cal
Automation Dynamics Corp., 2	255 County Rd. Tenafly	NJ
Autonetics, Div., North American Aviation, Inc., 1	9150 E. Imperial Hwy, Downey	Cal
Avtron Mfg Inc., 2	10409 Meech, Cleveland 5	Ohio
BARNES DEVELOPMENT CO., 2, Adv Pg 414	213 W Baltimore Pike, Lansdowne	Pa
Biddle Co., James G., 1-3	1316 Arch St, Philadelphia 7	Pa
Bliss Electronic Corp., 1-2	Box 366, Sussex	NJ
Briggs Div. Drexel Dynamics Corp., 1	10 De Kalb St. Norristown	Pa
Bright Star Industries, 1	600 Getty Ave, Clifton	NJ
Cable Electric Products, 1	236 Dobell St. Providence	RI
California Technical Industries, 1-2-3	1421 Old County Rd. Belmont	Cal
Canadian Research Institute, 1-2-3	85 Curlew Dr. Don Mills	Ont
Carad Corp., 2	3311 Junipero Serra Blvd. Palo Alto	Cal
Chance Vought Corp. Vought Electronics Div., 2	Box 1500, Arlington	Tex
Computer Sciences, Inc., 2	603 Main St. Westbury	NY
Consolidated Avionics Corp., 1-2-3	800 Shames Dr, Westbury	NY
Corbett Science Labs., F.W., 1-2-3	3117 Venice Blvd. Los Angeles 19	Cal
CURTISS-WRIGHT CORP. ELECTRONICS DIV., 1-2, Adv Pg 473	35 Market St. E Paterson	NJ
DAVENPORT MFG. DIV.-DUNCAN ELEC. CO., 1-3, Adv Pg 451	2530-32 N Elston Ave. Chicago 47	Ill
Daystrom Inc. Military Elec. Div., 2	Archbald	Pa
Daystrom Inc. Weston Instruments Div., 1-3	614 Frelinghuysen Ave. Newark 12	NJ
Designers for Industry, 1-2-3	4241 Fulton Pkwy. Cleveland 9	Ohio
Dice Co., J.W., 3	Englewood	NJ
Dit-Mco, Inc., 1-2-3	911 Broadway, Kansas City 5	Mo
Di-Tran Corp., 1	11107 Hindry Ave, Los Angeles	Cal
Dymec Div. Hewlett - Packard Co., 3	395 Page Mill Rd. Palo Alto	Cal
EIR Corp., 3	5177 Overland Ave, Culver City	Cal
ECLIPSE PIONEER DIV. BENDIX CORP., 1-2, Adv Pgs 354, 355	Teterboro	NJ
Electrada Corp., 1-3	11244 Playa St. Culver City	Cal
Electro Instruments, Inc., 2-3	8611 Balboa Ave, San Diego 11	Cal
Electronic Brazing Co., 3	140 Glenridge Ave. Montclair	NJ
Electronic Controls Inc., 2	66 Southfield Ave. Stamford	Conn
Erdco Engineering Corp., 1-3	Addison	Ill
Evershed & Vignoles Ltd., 1	Chiswick, London W 4	Eng
Fedtro Inc., 1	Fed. Electr. Bldg. Rockville Centre	NY
Fordham Mfg. Co., 1	2222 Pearsall Ave, Bronx	NY
GENERAL METERS INC., 1-3, Adv Pgs 374, 375	Box 1701, Grand Junction	Colo
GRAY INSTRUMENT CO., 1-3, Adv Pg 480	448 Mill Rd. Andalusia	Pa
Gray Mfg. Co., The, 2	Dept 67, 16 Arbor St, Hartford 1	Conn
HALLICRAFTERS CO., 1-2, Adv Pg 385	4401 W 5th St. Chicago 24	Ill
HAYDON CO., A. W., 1, Adv Pgs 302, 303	4038 Ince Blvd. Culver City	Cal
Heath Co. A Sub of Daystrom, Inc., 1	Benton Harbor	Mich
Hickok Electrical Instrument Co., 1	10527 Dupont Ave. Cleveland 8	O
Hi-Lo Mfg. Corp., 1	7122 W. Newport Ave, Chicago 13	I
Hunter Tool Co., 1	9851 Alburtis, Santa Fe Springs	C
ITI Electronics Inc., 2	369 Lexington Ave, Clifton	N
Ideal Industries, Inc., 1	5100 Park Ave, Sycamore	Il
Industrial Instruments, Inc., 1	89 Commerce Rd, Cedar Grove	N
Instrument Laboratories, 1-2	315 W. Walton Pl, Chicago 10	Il
Intercontinental Dynamics Corp., 1-3	170 Coolidge Ave. Englewood	N
Knopp, Inc., 2	1307 66 St. Oakland 8	C
KYORITSU ELECTRICAL INSTRUMENTS WKS. LTD., 3, Adv Pg 254	120, Nakane-cho, Meguro-ku, Tokyo	J
LAVOIE LABORATORIES INC., 1, Adv Pg 312	Morganville	N
LUMATRON ELECTRONICS., INC., 2 Adv Pg 502	116 County Cthse Rd, New Hyde Park	N
Marquardt Corp. Pomona Div., 1-2	2709 N Garey Ave. Pomona	C
Marstan Electronics Corp., 3	204 Babylon Tnpk. Roosevelt	N
Martin Co., 1-2	Mail No. G8037, Baltimore 3	M
Martindale Electric Co., 1-3	Edgewater Br. Box 617, Cleveland 7	O
Minn-Honeywell, Military Prods Gr., 1-3	2600 Ridgway Rd, Minneapolis 13	M
Molded Insulation Co., 1-3	335 E. Price St, Phila 44	P
NORTH HILLS ELECTRONICS INC., 2-3, Adv Pg 505	Glen Cove	N
Optimized Devices, Inc., 1-2-3	864 Franklin Ave, Thornwood	N
Pacific Automation Products, Inc., 1-3	1200 Air Way, Glendale 1	C
PARAPLEGICS MFG CO. INC., 1 Adv Pg 476	304 N York Rd. Bensenville	Il
Pearce Simpson, Inc., 1-2-3	2295 NW 14th St, Miami 35	F
Performance Measurements Co., 1-2	15120 Third Ave, Detroit 3	M
Peschel Electronics, Inc., 1	Rt. 216, Towners, Patterson	N
Philco Corp. Govt & Ind Div., 1-2	4700 Wissahickon Ave. Phila 44	P
Precision Apparatus Co., Inc., 1-2	70-31 84 St, Glendale 27	N
Radio Corp of America, Electron Tube Div., 1	415 S 5th St, Harrison	N
Rodale Electronics, 1-2-3	562 Grand Blvd, Westbury	N
Ryan Electronics Div., Ryan Aero. Co., 2	5650 Kearny Mesa Rd, San Diego 12	C
Sencore, Inc., 1	426 S West Gate Dr. Allison	Il
Shallcross Mfg Co., 3	Selma	N
Simpson Electric Co. Div. American Gage & Machine Co., 1-3	5218 W Kinzie St. Chicago 44	Il
Sittler Corp., 1	18 N. Ada St, Chicago 7	Il
Staughton Co., 1-2-3	Piqua 9	O
Sorensen Industrial Electronic Co., 1	Rt 11, Dover	N
Sperry Microwave Electronics Co., 1-2-3	Box 1828, Clearwater	F
Stanley Aviation Corp., 1-2-3	2501 Dallas St, Denver 8	C
Sticht Co., Inc., Herman H., 1	27 Park Pl, New York 7	N
Stuttup, Inc., 1	51 Silver St. Middletown	C
Sunshine Scientific Instrument, 1-2-3	1810 Grant Ave. Philadelphia 15	P
Taffet Electronics Inc., 1	2705 Skyline Exp W, Woodside 77	N
TECHNOLOGY INSTRUMENT CORP. OF ACTON, 3, Adv Pgs 84, 85	536 Main St. Acton	M
Telechrome Mfg Corp., 2	105 Dixon Ave, Amityville	N
Tricraft Products Corp., 1	1104 W. Newport Ave, Chicago 13	Il
Trott Electronics, Inc., 1-2	412 Smith St, Rochester 8	N
United Mfg. Co. Div. Maxson Electronics Corp., 2	41 Haig St. Hamden 14	C
Wickes Engineering & Construction Co., 1-3	12th St. & Ferry Ave. Camden 4	N.

TESTERS –*COATING THICKNESS* See GAGES –*PAINT DEPTH*

TESTERS –*COIL*

A R & D A	135 Main St. Belleville 9	N
Anchor Specialty Mfg. Co., Inc	300 Hollister Rd, Teterboro	N
Bliss Electronic Corp	Box 366, Sussex	N
Boesch Mfg. Div Waltham Prec Inst Co Inc	45 River St. Danbury	C
Canadian Research Institute	85 Curlew Dr. Don Mills	O
Consolidated Avionics Corp	800 Shames Dr. Westbury	N
DAVENPORT MFG. DIV.-DUNCAN ELEC. CO., Adv Pg 451	2530-32 N Elston Ave. Chicago 47	Il
Electromatic Equipment Co	175 Remsen Ave, Brooklyn 12	N
GENERAL METERS INC., Adv Pgs 374, 375	Box 1701, Grand Junction	C
Kartron, Inc	Box 472, Huntington Beach	C
Martindale Electric Co	Edgewater Br. Box 617, Cleveland 7	O
Pennsylvania Testing Lab., Inc	Doylestown	P
Seco Electronics Inc	5015 Penn Ave. S, Minneapolis 19	M
Staughton Co	Piqua 9	O
Sorensen Industrial Electronic Co	Rt 11, Dover	N
Sunshine Scientific Instrument	1810 Grant Ave, Philadelphia 15	P
Wells Electronics Co	1701 S Main St. South Bend 23	In

TESTERS –*COMPUTER*

A R & D A	135 Main St. Belleville 9	N
Alwac Computer Div. El-Tronics, Inc	13040 S Cerise, Hawthorne	C
Briggs Div. Drexel Dynamics Corp	10 De Kalb St. Norristown	P
California Technical Industries	1421 Old County Rd. Belmont	C
Chance Vought Corp. Vought Electronics Div	Box 1500, Arlington	T
Consolidated Avionics Corp	800 Shames Dr, Westbury	N
CURTISS-WRIGHT CORP. ELECTRONICS DIV., Adv Pg 473	35 Market St. E Paterson	N
Digital Equipment Corp	Maynard	M
ECLIPSE PIONEER DIV. BENDIX CORP., Adv Pgs 354, 355	Teterboro	NJ
Electro Logic Corp	515 Boccaccio Ave. Venice	C
LUMATRON ELECTRONICS, INC Adv Pg 502	116 County Cthse Rd. New Hyde Park	NY
Marquardt Corp. Pomona Div	2709 N Garey Ave. Pomona	C
Radio Corp. of America, Defense Electronic Prods.	Bldg. 15-2 Camden	NJ
Ryan Electronics Div. Ryan Aero. Co	5650 Kearny Mesa Rd, San Diego 12	C
Sperry Microwave Electronics Co	Box 1828, Clearwater	F
Wiltron Co	717 Loma Verde Ave. Palo Alto	C

TESTERS –*CONTINUITY* See TESTERS –*CIRCUIT*

TESTERS –*CRYSTAL DIODE*
1. AUTOMATIC *2. MANUAL*

A R & D A, 1-2	135 Main St. Belleville 9	NJ
Accuron Co., 1	107 S 3rd St. Tipp City	O
Aerotronic Associates Inc., 1-2	Box 367, Contoocook	NH
AIRBORNE INSTRUMENTS LAB. DIV. CUTLER-HAMMER INC., 2, Adv Pg 151	Comac Rd. Deer Park	NY
Allied Radio Corp., 2	100 N Western Ave. Chicago 80	Ill
Atlantis Electronics Corp., 1	3022-26 Broadway St. Garland	Te
BARNES DEVELOPMENT CO., 1, Adv Pg 414	213 W Baltimore Pike, Lansdowne	Pa
CBS Electronics, A Div. C B S Inc., 1	100 Endicott St. Danvers	M
Computer Control Co. Inc., 2	983 Concord St, Framingham	M
Conductorlab, Inc., 1	Groton	M

Consolidated Avionics Corp., 1	800 Shames Dr, Westbury	NY
Corbett Science Labs., F.W., 1-2	3117 Venice Blvd. Los Angeles 19	Cal
Crosby Teletronics Corp., 2	54 Kinkel St. Westbury	NY
Development Engineering Co. Inc., 1	9 Crosse St. Norwalk	Conn
Di-Tran Corp., 1-2	11307 Hindry Ave, Los Angeles 45	Cal
Dymec Div. Hewlett-Packard Co., 1	395 Page Mill Rd. Palo Alto	Cal
Dynatran Electronics Corp., 1-2	178 Herricks Rd, Mineola	NY
E-H Research Laboratories, Inc., 1-2	163 Adeline St, Oakland 20	Cal
ERA Pacific, Inc., 1-2	1760 Stanford St. Santa Monica	Cal
ECLIPSE PIONEER DIV. BENDIX CORP., 1-2, Adv Pgs 354, 355	Teterboro	NJ
Electronic Research Assoc, Inc., 1-2	67 Factory Pl, Cedar Grove	NJ
Halex Inc., 2	310 E Imperial Hwy. El Segundo	Cal
HALLICRAFTERS CO., 1-2, Adv Pg 385	4401 W 5th St. Chicago 24	Ill
Heath Co. A Sub of Daystrom, Inc., 2	Benton Harbor	Mich
LAVOIE LABORATORIES INC., 1, Adv Pg 312	Morganville	NJ
Measurements Research Co., 1-2	3501 Castor Ave, Philadelphia	Pa
Optimized Devices, Inc., 1	864 Franklin Ave. Thornwood	NY
Pacific Automation Products, Inc., 1-2	1200 Air Way, Glendale 1	Cal
Phillips Electronics Mfg Co., 1-2	119 Allen Blvd. Farmingdale	NY
Precision Apparatus Co., Inc., 2	70-31 84 St. Glendale 27	NY
Rodale Electronics, 2	562 Grand Blvd. Westbury	NY
Ryan Electronics Div. Ryan Aero. Co., 2	5650 Kearny Mesa Rd. San Diego 12	Cal
SEMICON INC., 2, Adv Pg 415	Sweetwater Ave. Bedford	Mass
Slaughter Co., 1-2	Piqua 9	Ohio
Strempel Instrument Corp., 1	R D 1, Lake George	NY
Summers & Mills Inc., 2	911 W Commerce, Dallas 8	Tex
Teradyne Inc., 1-2	87 Summer St. Boston 10	Mass
Texas Instruments Incorporated, Appa. Div. Ind Prods Gr., 1	3609 Buffalo Spdwy. Houston 6	Tex
TRANS ELECTRONICS INC., 2, Adv Pg 12	7349 Canoga Ave. Canoga Park	Cal
WALLSON ASSOCIATES INC., 1-2, Adv Pg 209	912 Westfield Ave. Elizabeth	NJ
Wiltron Co., 1-2	717 Loma Verde Ave. Palo Alto	Cal

TESTERS—*DISTORTION* See ANALYZERS—*DISTORTION*
TESTERS—*FLUTTER* See METERS—*WOW & FLUTTER*

TESTERS—*GYRO*

Adcole Corp	186 Massachusetts Ave. Cambridge 39	Mass
Anchor Specialty Mfg. Co., Inc	300 Hollister Rd, Teterboro	NJ
Chance Vought Corp. Vought Electronics Div	Box 1500, Arlington	Tex
Dunn Engineering Associates, Inc	225 O'Brien Hwy, Cambridge 41	Mass
Dynamics Research Corp	38 Montvale Ave. Stoneham	Mass
ECLIPSE PIONEER DIV. BENDIX CORP., Adv Pgs 354, 355	Teterboro	NJ
ELECTROSPACE CORP., Adv Pg 378	99 E Hawthorne Ave. Valley Stream	NY
Fecker, J. W. Div. Amer. Optical Co	6592 Hamilton Ave. Pittsburgh 6	Pa
Genisco, Inc	2233 Federal Ave, Los Angeles 64	Cal
Humphrey, Inc	2805 Canon St. San Diego 6	Cal
KEARFOTT DIV., GEN PRECISION INC., Adv Pg 394	Little Falls	NJ
NORTH ATLANTIC INDUSTRIES INC., Adv Pg 344	Terminal Dr. Plainview	NY
NORTH HILLS ELECTRONICS INC., Adv Pg 505	Glen Cove	NY
NORTHEASTERN ENGINEERING INC., Adv Pgs 289-292	P. O. Box 150, Manchester	NH
[illegible], Inc	1742 S. Zeyn St, Anaheim	Cal
Sorensen Industrial Electronic Co	Rt 10, Dover	NJ
Theta Instrument Corp	520 Victor St. Saddle Brook	NJ
Wright Equipment Corp	128 N Main St. Milltown	NJ

TESTERS—*HEARING* See AUDIOMETERS
TESTERS—*HIGH-POTENTIAL* See TESTERS—*INSULATION*

TESTERS—*INSULATION*

1. *BREAKDOWN (HIGH-POTENTIAL)*
2. *CHARACTERISTICS*
3. *HIGH-VOLTAGE, D-C, NONDESTRUCTIVE*

A R & D A, 1-3	135 Main St. Belleville 9	NJ
ACME ELECTRIC CORP., 1, Adv Pg 173	Water St. Cuba	NY
Airmec Ltd., 3	High Wycombe, Buckinghamshire	Eng
Anchor Specialty Mfg. Co., Inc., 1	300 Hollister Rd, Teterboro	NJ
ASSOCIATED RESEARCH, INC., 1-2-3, Adv Pg 218	3788 W Belmont Ave. Chicago 18	Ill
Astral Electronics Inc., 1	14520 Arminta St. Van Nuys	Cal
Atlantis Electronics Corp., 1-2-3	3322-26 Broadway St. Garland	Tex
Automation Dynamics Corp., 1-3	255 County Rd. Tenafly	NJ
BARNES DEVELOPMENT CO., 1, Adv Pg 414	213 W Baltimore Pike, Lansdowne	Pa
Bliss Electronic Corp., 1-3	Box 366, Sussex	NJ
BRACKE-SEIB X-RAY CO. INC., 1, Adv Pg 544	16 Pelham Bay Pk. W, Pelham Manor	NY
Canadian Research Institute, 1-2-3	85 Curlew Dr. Don Mills	Ont
Coil Co. of America Inc., 1	220 Washington St. Northvale	NJ
Consolidated Avionics Corp., 1-2-3	800 Shames Dr. Westbury	NY
DAVENPORT MFG. DIV.-DUNCAN ELEC. CO., 1-2-3, Adv Pg 451	2530-32 N Elston Ave. Chicago 47	Ill
Delsen Corp., 2	719 W. Broadway, Glendale 4	Cal
Designers for Industry, 1	4241 Fulton Pkwy. Cleveland 9	Ohio
Dit-Mco, Inc., 1-3	911 Broadway, Kansas City 5	Mo
Di-Tran Corp., 1	11307 Hindry Ave, Los Angeles 45	Cal
Dressen Electric Co., 1	2705 Wight St. Detroit 7	Mich
Eastern Specialty Co., 1	Philadelphia 40	Pa
ECLIPSE PIONEER DIV. BENDIX CORP., 1-2-3, Adv Pgs 354, 355	Teterboro	NJ
ELECTROSPACE CORP., 1-2-3, Adv Pg 378	99 E Hawthorne Ave. Valley Stream	NY
Epic Inc., 3	150 Nassau St. New York 38	NY
Evershed & Vignoles Ltd., 1-2-3	Chiswick, London W 4	Eng
GENERAL ELECTRIC CO. APPARATUS SALES, 1-2, Adv Pgs 8, 9	1 River Rd. Schenectady 5	NY
GENERAL METERS INC., 1-2-3, Adv Pgs 374, 375	Box 1701, Grand Junction	Colo
General Nuclear Corp., 3	550 5th Ave. New York 28	NY
Green Rectifier Co., 3	1-10 30th St. Fair Lawn	NJ
HAYDON CO., A. W., 1-3, Adv Pgs 302, 303	4038 Ince Blvd. Culver City	Cal
Heavy-Duty Electric Co. Div. Basic Products Corp., 1-3	304 Hart St. Watertown	Wis
Hill Research Co., 1-2-3	49 Buckeye Ave. Oakland 11	Cal
Ideal Industries, Inc., 1	5103 Park Ave, Sycamore	Ill
Industrial Instruments, Inc., 1	89 Commerce Rd, Cedar Grove	NJ
INDUSTRIAL TEST EQUIPMENT CO., 1, Adv Pg 422	55 E 11th St. New York 3	NY
Industrial Transformer Co., 1	Box 656, West Caldwell	NJ
KILOVOLT CORPORATION, 1-3, Adv Pg 379	238E High St. Hackensack	NJ
LAVOIE LABORATORIES INC., 1, Adv Pg 312	Morganville	NJ
MAGNATRAN INC., 1-3, Adv Pg 534	Box 211, Kearny	NJ
Martindale Electric Co., 1-3	Edgewater Br. Box 617, Cleveland 7	Ohio
Mid-Eastern Electronics, Inc., 2	32 Commerce St, Springfield	NJ
Minn-Honeywell, Military Prods Gr., 1-2	2600 Ridgway Rd. Minneapolis 13	Minn
Multi-Amp Electronic Corp., 1	61 E Myrtle St. Cranford	NJ
Network Industries Inc., 1-3	210-216 Orient St. Bayonne	NJ
Notheifer Winding Labs. Inc., 1	Box 455, Trenton 3	NJ
OPAD ELECTRIC CO., 1-3, Adv Pg 408	43-5 Walker St. New York 13	NY
P. R. L. Electronics Inc., 1-3	232 Westcott Dr. Rahway	NJ
Pearce Simpson, Inc., 1-3	2295 NW 14th St. Miami 35	Fla
Peschel Electronics, Inc., 1-3	Rt. 216, Towners, Patterson	NY
PRECISE MEASUREMENTS CO., 1-3 Adv Pg 322	R.D.1, Millbrook Rd. Flemington	NJ
Rodale Electronics, 2-3	562 Grand Blvd. Westbury	NY
Shallcross Mfg Co., 2	Selma	NC
Slaughter Co., 1-2-3	Piqua 9	Ohio
SORENSEN & CO. INC., 3, Adv Pg 40	Richards Ave. Norwalk	Conn
Sorensen Industrial Electronic Co., 1-3	Route 10, Dover	NJ
Stark Electronic Instruments Ltd., 1-2-3	Box 670, Ajax	Ont
States Co., 1	19 New Park Ave. Hartford 6	Conn
Sunshine Scientific Instrument, 1-2-3	1810 Grant Ave. Philadelphia 15	Pa
Taffet Electronics Inc., 1	2705 Bklyn-Qns Exp W, Woodside 77	NY
Talch Corp., 1-3	Box 346, Newark	Ohio
Teradyne Inc., 2	87 Summer St. Boston 10	Mass
United Mineral & Chemical Corp., 1	16 Hudson St. New York 13	NY
Wickes Engineering & Construction Co., 1	12th St. & Ferry Ave. Camden 4	NJ
Wiley Electronic Products Co., 1-3	2045 W Cheryl Dr. Phoenix	Ariz
X-Ray Products Corp., 3	7829 Industry Ave. Pico-Rivera	Cal

TESTERS—*LEAK* See DETECTORS—*LEAK*

TESTERS—*MEMORY-CORE*

Consolidated Avionics Corp	800 Shames Dr. Westbury	NY
Digital Equipment Corp	Maynard	Mass
Radio Corp. of America, Defense Electronic Prods.	Bldg. 15-2 Camden	NJ
Rese Engineering Corp	A & Courtland Sts. Phila 20	Pa
RIXON ELECTRONICS INC., Adv Pg 412	2414 Reedie Dr. Silver Spring	Md
Wiltron Co	717 Loma Verde Ave. Palo Alto	Cal

TESTERS—*METER* See CALIBRATORS—*METER*
TESTERS—*MOISTURE* See INDICATORS—*MOISTURE*
TESTERS—*MULTI-FUNCTION* See VOLT-OHM-MILLIAMMETERS

TESTERS—*POTENTIOMETER LINEARITY*

BARNES DEVELOPMENT CO., Adv Pg 414	213 W Baltimore Pike, Lansdowne	Pa
Canadian Research Institute	85 Curlew Dr. Don Mills	Ont
Corbett Science Labs., F.W.	3117 Venice Blvd. Los Angeles 19	Cal
EIR Corp	5177 Overland Ave, Culver City	Cal
GENERAL METERS INC., Adv Pgs 374, 375	Box 1701, Grand Junction	Colo
HOWELL INSTRUMENTS INC., Adv Pg 358	3479 W Vickery Blvd. Fort Worth 7	Tex
Militest Co	88 Madison Ave. Hempstead	NY
NORTH ATLANTIC INDUSTRIES INC., Adv Pg 344	Terminal Dr. Plainview	NY
TECHNOLOGY INSTRUMENT CORP. OF ACTON, Adv Pgs 84, 85	536 Main St. Acton	Mass
Theta Instrument Corp	520 Victor St. Saddle Brook	NJ
Trio Industries, Inc	5221 W. 102 St, Los Angeles 45	Cal

TESTERS—*PRINTED-CIRCUIT ASSEMBLIES*

A G A Corp	[illegible] Duke St. Alexandria	Va
A R & D A	135 Main St. Belleville 9	NJ
Anchor Specialty Mfg. Co., Inc	300 Hollister Rd, Teterboro	NJ
Avtron Mfg Inc	10409 Meech, Cleveland 5	Ohio
Blacklight Corp of America	5112 Walnut Grove Ave. San Gabriel	Cal
Chance Vought Corp. Vought Electronics Div	Box 1500, Arlington	Tex
Conductron, Inc	Groton	Mass
Consolidated Avionics Corp	800 Shames Dr. Westbury	NY
Corbett Science Labs., F.W.	3117 Venice Blvd. Los Angeles 19	Cal
Dit-Mco, Inc	911 Broadway, Kansas City 5	Mo
ECLIPSE PIONEER DIV. BENDIX CORP., Adv Pgs 354, 355	Teterboro	NJ
HAYDON CO., A. W., Adv Pgs 302, 303	4038 Ince Blvd. Culver City	Cal
McDonnell Aircraft Co	Box 516, St Louis 66	Mo
Marquardt Corp. Pomona Div	2709 N Garey Ave. Pomona	Cal
Minn-Honeywell, Military Prods Gr	2600 Ridgway Rd. Minneapolis 13	Minn
NAVIGATION COMPUTER CORP., Adv Pg 511	Valley Forge Ind Park, Norristown	Pa
PARAPLEGICS MFG CO. INC Adv Pg 476	304 N York Rd. Bensenville	Ill
Pearce Simpson, Inc	2295 NW 14th St. Miami 35	Fla
Performance Measurements Co	15120 Third Ave, Detroit 3	Mich
Ryan Electronics Div. Ryan Aero. Co	5650 Kearny Mesa Rd. San Diego 12	Cal
Slaughter Co	Piqua 9	Ohio
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
Stockar & Yale Inc	Green St. Marblehead	Mass
Strand Engineering Co	7300 Huron River Dr. Dexter	Mich
Sunshine Scientific Instrument	1810 Grant Ave. Philadelphia 15	Pa
Ultra-Violet Products, Inc	5114 Walnut Grove Ave. San Gabriel	Cal
Wells Electronics Co	1701 S Main St. South Bend 23	Ind

TESTERS—*RADAR*

Anchor Specialty Mfg. Co. Inc.	300 Hollister Rd. Teterboro	NJ
Atlee Corp. Applied Dynamics Div.	330 Bear Hill Rd. Waltham	Mass
Bogart Mfg Corp	315 Seigel St. Brooklyn 6	NY
Canadian Aviation Electronics Ltd	Box 2030, Montreal 9	P.Q.
CARBORUNDUM CO. REFRACTORIES DIV., Adv Pgs 104, 105	Perth Amboy	NJ
Chance Vought Corp. Vought Electronics Div	Box 1500, Arlington	Tex
Decitron Electronics Corp	850 Shephard Ave. Brooklyn 8	NY
ECLIPSE PIONEER DIV. BENDIX CORP., Adv Pgs 354, 355	Teterboro	NJ
Emerson Electric Mfg. Co	8100 Florissant Ave, St. Louis 36	Mo
General Mills, Inc.	1620 Central Ave. Minneapolis 13	Minn
HALLICRAFTERS CO., Adv Pg 385	4401 W 5th St. Chicago 24	Ill
Kearfott Div. Gen. Precision, Inc., Microwave Prods	14844 Oxnard St, Van Nuys	Cal
McDonnell Aircraft Co	Box 516, St Louis 66	Mo
Marquardt Corp., Pomona Div	2709 N. Garey Ave, Pomona	Cal
Missouri Research Labs., Inc	2109 Locust St, St. Louis 3	Mo
Nichols Products Co	323 W Main St. Moorestown	NJ
[illegible] Lab Corp	237 Lafayette St, New York 12	NY
POLARAD ELECTRONICS CORP Adv Pg 269-272	43-20 34 St, Long Island City 1	NY
RMS Associates, Inc	805 Mamaroneck Ave. Mamaroneck	NY
Radio Corp. of America, Defense Electronic Prods.	Bldg. 15-2 Camden	NJ
Remanco, Inc	1805 Colorado, Santa Monica	Cal
Ryan Electronics Div. Ryan Aero. Co	5650 Kearny Mesa Rd. San Diego 12	Cal
Sperry Microwave Electronics Co	P.O. Box 1828, Clearwater	Fla
Turbo Machine Co	840 N Main St. Lansdale	Pa

TESTERS—*RADOME BORESIGHT*

California Technical Industries	1421 Old County Rd. Belmont	Cal
Dunn Engineering Associates, Inc	225 O'Brien Hwy, Cambridge 41	Mass
Gordon Enterprises	5362 N Cahuenga Blvd. N Hollywood	Cal
Radio Corp. of America, Defense Electronic Prods.	Bldg. 15-2 Camden	NJ
Ryan Electronics Div. Ryan Aero. Co	5650 Kearny Mesa Rd. San Diego 12	Cal
Sperry Microwave Electronics Co	P.O. Box 1828, Clearwater	Fla

TESTERS—*RELAY*

Anchor Specialty Mfg. Co., Inc	300 Hollister Rd, Teterboro	NJ
BARNES DEVELOPMENT CO., Adv Pg 414	213 W Baltimore Pike, Lansdowne	Pa
Corbett Science Labs., F.W.	3117 Venice Blvd. Los Angeles 19	Cal
Di-Tran Corp	11307 Hindry Ave, Los Angeles 45	Cal
Eastern Specialty Co	Philadelphia 40	Pa
ECLIPSE PIONEER DIV. BENDIX CORP., Adv Pgs 354, 355	Teterboro	NJ
Electronic Engineering Co	1601 E. Chestnut Ave, Santa Ana	Cal
ELECTRONIC PRODUCTS CORP., Adv Pgs 545, 546	4642 Belair Rd. Baltimore 6	Md
ELECTROSPACE CORP., Adv Pg 378	99 E Hawthorne Ave. Valley Stream	NY
Fleetwood Laboratories, Inc	300 Victory Blvd, New Rochelle	NY
[illegible] Co	75 River Rd. Nutley 10	NJ
Rodale Electronics	562 Grand Blvd. Westbury	NY
SIGMA INSTRUMENTS INC., Adv Pgs 169-172	180 Pearl St. South Braintree 85	Mass
Slaughter Co	Piqua 9	Ohio
Sorensen Industrial Electronic Co	Rt 10, Dover	NJ
States Co	19 New Park Ave, Hartford 6	Conn
Sunshine Scientific Instrument	1810 Grant Ave, Philadelphia 15	Pa
TEMPO INSTRUMENT INC., Adv Pg 130	Commercial St. Hicksville	NY
United Mfg. Co. Div. Maxson Electronics Corp	41 Haig St. Hamden 14	Conn

TESTERS—*SEMICONDUCTOR CRYSTAL*

A. O. I. P.	23 Pl. Jeanne d'Arc, Paris 13	Fr
A R & D A	135 Main St. Belleville 9	NJ
Aerotronic Associates Inc	Box 367, Contoocook	NH
Atlantis Electronics Corp	3322-26 Broadway St. Garland	Tex
BARNES DEVELOPMENT CO., Adv Pg 414	213 W Baltimore Pike, Lansdowne	Pa
Canadian Marconi Co	2444 Trenton Ave. Montreal	Que
Consolidated Avionics Corp	800 Shames Dr. Westbury	NY
Corbett Science Labs., F.W.	3117 Venice Blvd. Los Angeles 19	Cal
CURTISS WRIGHT CORP. INTERNTN. BR., Adv Pg 474	Box 8324, Albuquerque	NM
Designers for Industry	4241 Fulton Pkwy. Cleveland 9	Ohio
Development Engineering Co. Inc	9 Crosse St. Norwalk	Conn
Di-Tran Corp	11307 Hindry Ave, Los Angeles 45	Cal
Dynatran Electronics Corp	178 Herricks Rd, Mineola	NY
E-H Research Laboratories, Inc	163 Adeline St, Oakland 20	Cal
EMI-Cossor Electronics Ltd	Box 525 Dartmouth NS	Can
ERA Pacific, Inc	1760 Stanford St. Santa Monica	Cal
ELECTRO IMPULSE LAB. INC., Adv Pg 357	208 River St. Red Bank	NJ
Electronic Research Assoc, Inc	67 Factory Pl, Cedar Grove	NJ
Measurements Research Co	3501 Castor Ave, Philadelphia	Pa
Molecular Electronics Inc	85 Weyman Ave. New Rochelle	NY
Mullard Equipment, Ltd	Torrington Pl. London WC 1	Eng
NORTH HILLS ELECTRONICS INC., Adv Pg 505	Glen Cove	NY
OWEN LABORATORIES INC., Adv Pg 558	55 Beacon Pl. Pasadena	Cal
P. R. L. Electronics Inc	232 Westcott Dr. Rahway	NJ
PHILCO CORP. LANSDALE DIV. Adv Pg 88,89	501 Church Rd. Lansdale	Pa
Phillips Electronics Mfg Co	119 Allen Blvd. Farmingdale	NY
Rodale Electronics	562 Grand Blvd. Westbury	NY
Ryan Electronics Div. Ryan Aero. Co	5650 Kearny Mesa Rd. San Diego 12	Cal
Scopes Co., Inc	P.O. Box 56, Nassau	NY
Saco Electronics Inc	5015 Penn Ave. S, Minneapolis 19	Minn
Summers & Mills Inc	911 W Commerce, Dallas 8	Tex
Tang Industries Inc	43 Main St. Waltham 54	Mass
Teradyne Inc	87 Summer St. Boston 10	Mass
Trott Electronics, Inc	412 Smith St. Rochester 8	NY
WALLSON ASSOCIATES INC., Adv Pg 209	912 Westfield Ave. Elizabeth	NJ
Wiltron Co	717 Loma Verde Ave. Palo Alto	Cal
Wright Equipment Corp	128 N. Main St. Milltown	NJ

TESTERS—*SERVO*

Advance Instrument Corp	F St. Delmar	NJ
American Measurement & Control Inc	241 Calvary St. Waltham 54	Mass
Anchor Specialty Mfg. Co., Inc	300 Hollister Rd, Teterboro	NJ
Astrosystems Inc	220 E. 23rd St, New York 10	NY
Boonshaft & Fuchs, Inc	Hatboro Ind Park, Hatboro	Pa
Building Blocks Electronics Co	2172 E 36th St. Brooklyn 34	NY
Canadian Aviation Electronics Ltd	Box 2030, Montreal 9	P.Q.
Chance Vought Corp. Vought Electronics Div	Box 1500, Arlington	Tex
ECLIPSE PIONEER DIV. BENDIX CORP., Adv Pgs 354, 355	Teterboro	NJ
Houston Fearless Corp	9107 Wilshire Blvd. Beverly Hills	Cal
Industrial Control Co	Central Ave. at Pinelawn, Farmingdale	NY
K-F Products, Inc	3100 E 43rd Ave. Denver 16	Colo
KEARFOTT DIV., GEN PRECISION INC., Adv Pg 394	Little Falls	NJ
Marquardt Corp., Pomona Div	2709 N. Garey Ave, Pomona	Cal
Meterlog Corp	169 N. Halstead St, Pasadena	Cal
Minn-Honeywell, Military Prods Gr	2600 Ridgway Rd. Minneapolis 13	Minn
Muirhead & Co., Ltd	Beckenham, Kent, England	
NORTH ATLANTIC INDUSTRIES INC., Adv Pg 344	Terminal Dr. Plainview	NY
Pacific Technical Co	2647 Sawtelle Blvd, Los Angeles 25	Cal
POLARAD ELECTRONICS CORP Adv Pg 269-272	43-20 34 St, Long Island City 1	NY
Remanco Inc	1805 Colorado, Santa Monica	Cal

[illegible] Controls Ltd — Crowborough, Sussex, England
[illegible], Inc — 1742 S. Zeyn St, Anaheim — Cal
Theta Instrument Corp — 520 Victor St, Saddle Brook — NJ
Wayne Kerr Corp — 1633 Race St, Philadelphia 3 — Pa

TESTERS – SIGNAL-TRACING

Allied Radio Corp — 100 N Western Ave, Chicago 80 — Ill
Consolidated Avionics Corp — 800 Shames Dr, Westbury — NY
ECLIPSE PIONEER DIV. BENDIX CORP., Adv Pgs 354, 355 — **Teterboro** — **NJ**
Electronic Measurements Corp — 625 Broadway, New York 12 — NY
Marquardt Corp, Pomona Div — 2709 N Garey Ave, Pomona — Cal
Slaughter Co — Piqua 9 — Ohio

TESTERS – SYNCHRO ERROR

Advance Instrument Corp — F St, Delmar — NJ
Astrosystems Inc — 220 E 23rd St, New York 10 — NY
ECLIPSE PIONEER DIV. BENDIX CORP., Adv Pgs 354, 355 — **Teterboro** — **NJ**
ELECTROSPACE CORP., Adv Pg 378 — **99 E Hawthorne Ave, Valley Stream** — **NY**
Gertsch Products, Inc — 3211 S La Cienega Blvd, Los Angeles 16 — Cal
GRAY INSTRUMENT CO., Adv Pg 480 — **448 Mill Rd, Andalusia** — **Pa**
Industrial Control Co — Central Ave, at Pinelawn, Farmingdale — NY
INDUSTRIAL TEST EQUIPMENT CO., Adv Pg 422 — **55 E 11th St, New York 3** — **NY**
KEARFOTT DIV., GEN PRECISION INC., Adv Pg 394 — **Little Falls** — **NJ**
Marquardt Corp, Pomona Div — 2709 N Garey Ave, Pomona — Cal
Metering Corp — 169 N. Halstead St, Pasadena — Cal
Muirhead & Co., Ltd — Beckenham, Kent, England
NORTH ATLANTIC INDUSTRIES INC., Adv Pg 344 — **Terminal Dr, Plainview** — **NY**
Pennsylvania Testing Lab., Inc — Doylestown — Pa
Solartron, Inc — 1742 S. Zeyn St, Anaheim — Cal
Sunshine Scientific Instrument — 1810 Grant Ave, Philadelphia 15 — Pa
Theta Instrument Corp — 520 Victor St, Saddle Brook — NJ

TESTERS – SYSTEM (Incl. MISSILE CHECKOUT)

ACF Electronics Div — Riverdale — Md
A R & D A — 135 Main St, Belleville 9 — NJ
Aircraft Armaments Inc — Cockeysville — Md
American Bosch Arma Corp — 320 Fulton Ave, Hempstead — NY
Anchor Specialty Mfg Co., Inc — 380 Hollister Rd, Teterboro — NJ
ASSOCIATED RESEARCH, INC., Adv Pg 218 — **3788 W Belmont Ave, Chicago 18** — **Ill**
Astrosystems Inc — 220 E 23rd St, New York 10 — NY
Auto Data — Box 9146, San Diego 9 — Cal
Automation Dynamics Corp — 255 County Rd, Tenafly — NJ
Avien, Inc — 58-15 Northern Blvd, Woodside 77 — NY
Avtron Mfg Inc — 10409 Meech, Cleveland 5 — Ohio
Bendix Corp, York Div — York — Pa
Bramhall & Fuchs, Inc — Hatboro Ind Park, Hatboro — Pa
Chance Vought Corp, Vought Electronics Div — Box 1500, Arlington — Tex
Concord Control, Inc — 1282 Soldiers Field Rd, Boston 35 — Mass
Consolidated Avionics Corp — 800 Shames Dr, Westbury — NY
Data Systems Dept, Norden Div, United Aircraft Corp — 3501 Harbor Blvd, Costa Mesa — Cal
Dresco Instruments — 14737 Arminta St, Van Nuys — Cal
Designers for Industry — 4241 Fulton Pkwy, Cleveland 9 — Ohio
Digital Equipment Corp — Maynard — Mass
Dit-Mco, Inc — 911 Broadway, Kansas City — Mo
Dunn Engineering Corp — 225 O'Brien Hwy, Cambridge 41 — Mass
Dynamics Research Corp — 38 Montvale Ave, Stoneham — Mass
ECLIPSE PIONEER DIV. BENDIX CORP., Adv Pgs 354, 355 — **Teterboro** — **NJ**
Electro-Logic Corp — 515 Boccaccio, Venice — Cal
Electronic Controls Inc — 66 Southfield Ave, Stamford — Conn
ELECTRONIC PRODUCTS CORP., Adv Pgs 545, 546 — **4642 Belair Rd, Baltimore 6** — **Md**
Emerson Electric Mfg Co — 8100 Florissant Ave, St. Louis 36 — Mo
Fairchild Camera & Instrument Corp, Defense Prods Div — Robbins Ln, Syosset — NY
Fecker, J. W. Div. Amer. Optical Co — 6592 Hamilton Ave, Pittsburgh 6 — Pa
GENERAL APPLIED SCIENCE LABS. INC., Adv Pg 525 — **Merrick & Stewart Aves, Westbury** — **NY**
GENERAL DEVICES INC., Adv Pg 518 — **Box 253, Princeton** — **NJ**
GENERAL ELECTRIC CO. APPARATUS SALES, Adv Pgs 8, 9 — **1 River Rd, Schenectady 5** — **NY**
Gianini Controls Corp — 1600 S. Mountain Ave, Duarte — Cal
Gray Mfg Co — Dept 67, 16 Arbor St, Hartford 1 — Conn
HALLICRAFTERS CO., Adv Pg 385 — **4401 W 5th St, Chicago 24** — **Ill**
Hoover Electronics Co — 110 W. Timonium Rd, Timonium — Md
Hughes Microwave Components Div — Florence & Teale, Culver City — Cal
International Dynamics Corp — 170 Coolidge Ave, Englewood — NJ
KEARFOTT DIV., GEN PRECISION INC., Adv Pg 394 — **Little Falls** — **NJ**
Laboratory For Electronics, Inc — 1079 Commonwealth Ave, Boston 15 — Mass
Lear Inc — 3171 S Bundy Dr, Santa Monica — Cal
Lundy Mfg Corp — Robert Lane, Glen Head — NY
McDonnell Aircraft Co — Box 516, St Louis 66 — Mo
Marquardt Corp, Pomona Div — 2709 N. Garey Ave, Pomona — Cal
Metering Corp — 169 N. Halstead St, Pasadena — Cal
Minn-Honeywell, Military Prods Gr — 2600 Ridgway Rd, Minneapolis 13 — Minn
NORTH ATLANTIC INDUSTRIES INC., Adv Pg 344 — **Terminal Dr, Plainview** — **NY**
NORTHEASTERN ENGINEERING INC., Adv Pgs 289-292 — **Box 150, Manchester** — **NH**
Otis Elevator Co, Def. & Ind. Prod. Div — 35 Ryerson St, Brooklyn — NY
PARAPLEGICS MFG CO. INC Adv Pg 476 — **304 N York Rd, Bensenville** — **Ill**
Pearce Simpson, Inc — 2295 N.W. 14th St, Miami 35 — Fla
Performance Measurements Co — 15120 3rd Ave, Detroit 3 — Mich
POLARAD ELECTRONICS CORP, Adv Pg 269-272 — **43-20 34 St, Long Island City 1** — **NY**
Radiation, Inc — Melbourne — Fla
Radio Corp. of America, Defense Electronic Prods. — Bldg. 15-2 Camden — NJ
Ramsco, Inc — 1805 Colorado, Santa Monica — Cal
Rodale Electronics — 562 Grand Blvd, Westbury — NY
Ryan Electronics Div, Ryan Aero. Co — 5650 Kearny Mesa Rd, San Diego 12 — Cal
Slaughter Co — Piqua 9 — Ohio
Solartron, Inc — 1742 S. Zeyn St, Anaheim — Cal

Sperry Phoenix Co. Div. Sperry Rand Corp — 2111 N 19th Ave, Phoenix 27 — Ariz
Technitrol Engineering Co — 1952 E Allegheny Ave, Phila. 34 — Pa
Telemetrics, Inc — 12927 S Budlong, Gardena — Cal
Tenney Engineering Inc — 1090 Springfield Rd, Union — NJ
Theta Instrument Corp — 520 Victor St, Saddle Brook — NJ
Turbo Machine Co — 841 W. Main St, Lansdale — Pa
United Mfg. Co. Div. Maxson Electronics Corp — 41 King St, Hamden 14 — Conn
Wintronics — 213 S Hawthorne Blvd, Hawthorne — Cal

TESTERS – TAPE-PROGRAMMED

ACF Electronics Div — Riverdale — Md
A R & D A — 135 Main St, Belleville 9 — NJ
Adage, Inc — 292 Main St, Cambridge 42 — Mass
ASSOCIATED RESEARCH, INC., Adv Pg 218 — **3788 W Belmont Ave, Chicago 18** — **Ill**
Astrosystems Inc — 220 E. 23rd St, New York 10 — NY
Auto Data — Box 9146, San Diego 9 — Cal
California Computer Products, Inc — 8714 Cleta St, Downey — Cal
California Technical Industries — 1421 Old County Rd, Belmont — Cal
Chance Vought Corp, Vought Electronics Div — Box 1500, Arlington — Tex
Concord Control, Inc — 1282 Soldiers Field Rd, Boston 35 — Mass
Consolidated Avionics Corp — 800 Shames Dr, Westbury — NY
Corbett Science Labs., F.W. — 3117 Venice Blvd, Los Angeles 19 — Cal
Data Systems Dept, Norden Div, United Aircraft Corp — 3501 Harbor Blvd, Costa Mesa — Cal
Dit-Mco, Inc — 911 Broadway, Kansas City 5 — Mo
ECLIPSE PIONEER DIV. BENDIX CORP., Adv Pgs 354, 355 — **Teterboro** — **NJ**
Electro-Logic Corp — 515 Boccaccio, Venice — Cal
Electronic Controls Inc — 66 Southfield Ave, Stamford — Conn
Emerson Electric Mfg. Co — 8100 Florissant Ave, St. Louis 36 — Mo
HAYDON CO., A. W., Adv Pgs 302, 303 — **4038 Ince Blvd, Culver City** — **Cal**
LAVOIE LABORATORIES INC., Adv Pg 312 — **Morganville** — **NJ**
McDonnell Aircraft Co — Box 516, St Louis 66 — Mo
Marquardt Corp., Pomona Div — 2709 N. Garey Ave, Pomona — Cal
Minn-Honeywell, Military Prods Gr — 2600 Ridgway Rd, Minneapolis 13 — Minn
Performance Measurements Co — 15120 3rd Ave, Detroit 3 — Mich
Radiation Inc — Melbourne — Fla
Rodale Electronics — 562 Grand Blvd, Westbury — NY
Scott Instrument Labs. Inc — 17 E 48 St, New York 17 — NY
Solartron, Inc — 1742 S. Zeyn St, Anaheim — Cal
Tally Register Corp — 1310 Mercer St, Seattle 9 — Wash
Tenlo Research Corp — 9424 Lyndale Ave S., Minneapolis 20 — Minn

TESTERS – TORQUE See INDICATORS – TORQUE

TESTERS – TRANSISTOR

A. O. I. P — 23 Pl. Jeanne d'Arc, Paris 13 — Fr
A R & D A — 135 Main St, Belleville 9 — NJ
Accuron Co — 107 S 3rd St, Tipp City — Ohio
Aerotronic Associates Inc — Box 367, Contoocook — NH
Anchor Specialty Mfg. Co., Inc — 380 Hollister Rd, Teterboro — NJ
Amoux Corp — 11924 W. Washington Blvd, L.A. 66 — Cal
Atlantis Electronics Corp — 3322-26 Broadway St, Garland — Tex
Atronic Products, Inc — 1 Bala Ave, Bala-Cynwyd — Pa
AVNET INSTRUMENT CORP., Adv Pgs 331, 364 — **70 State St, Westbury** — **NY**
B. & K. Mfg. Co — 1801 W Belle Plaine, Chicago 13 — Ill
BOONTON RADIO CORP., Adv Pg 282 — **50 Intervale Rd, Boonton** — **NJ**
CBS Electronics, A Div. C B S Inc — 100 Endicott St, Danvers — Mass
Canadian Marconi Co — 2444 Trenton Ave, Montreal — Que
Cincinnati Sub-Zero Products Inc — 3930 E Reading Rd, Cincinnati 29 — Ohio
Command Systems Inc — 1135 N Stanford Ave, Los Angeles 59 — Cal
Consolidated Avionics Corp — 800 Shames D., Westbury — NY
Cook Technological Center — 6401 Oakton St, Morton Grove — Ill
Corbett Science Labs., F.W. — 3117 Venice Blvd, Los Angeles 19 — Cal
CURTISS WRIGHT CORP. INTERMTN. BR., Adv Pg 474 — **Box 8324, Albuquerque** — **NM**
Daystrom Inc, Military Elec. Div — Archbald — Pa
Designers for Industry — 4241 Fulton Pkwy, Cleveland 9 — Ohio
Di-Tran Corp — 11717 Hartsy Ave, Los Angeles 45 — Cal
Dynatron Electronics Corp — 178 Herricks Rd, Mineola — NY
E-H Research Laboratories, Inc — 163 Adeline St, Oakland 20 — Cal
ERA Pacific, Inc — 1760 Stanford St, Santa Monica — Cal
ECLIPSE PIONEER DIV. BENDIX CORP., Adv Pgs 354, 355 — **Teterboro** — **NJ**
Eder Engineering Co — 1560 S. 1st St, Milwaukee 4 — Wisc
Electro Instruments, Inc — 8611 Balboa Ave, San Diego 11 — Cal
Electronic Research Associates, Inc — 67 Factory Pl, Cedar Grove — NJ
FAIRCHILD SEMICONDUCTOR CORP., Adv Pg 336 — **545 Whisman Rd, Mountain View** — **Cal**
GENERAL METERS INC., Adv Pgs 374, 375 — **Box 1701, Grand Junction** — **Colo**
HALLICRAFTERS CO., Adv Pg 385 — **4401 W 5th St, Chicago 24** — **Ill**
Hickok Electrical Instrument Co — 10532 Dupont Ave, Cleveland 8 — Ohio
International Research Associates — 2221 Warwick Ave, Santa Monica — Cal
Measurements A McGraw-Edison Div — Boonton — NJ
Measurements Research Co — 1801 Castor Ave, Philadelphia — Pa
Metronix, Inc — 75 Wilson Mills Rd, Chesterland — Ohio
Microcell Electronics — Blackwater, Nr. Camberley, Surrey — Eng
Minn-Honeywell, Military Prods Gr — 2600 Ridgway Rd, Minneapolis 13 — Minn
Molecular Electronics Inc — 85 Weyman Ave, New Rochelle — NY
NON-LINEAR SYSTEMS INC., Adv Pgs 334, 335 — **Box 728, Del Mar** — **Cal**
North America Electronics — 723 3rd Ave. N, Birmingham 4 — Ala
NORTH HILLS ELECTRONICS INC., Adv Pg 505 — **Glen Cove** — **NY**
OWEN LABORATORIES INC., Adv Pg 558 — **55 Bracon Pl, Pasadena** — **Cal**
Performance Measurements Co — 15120 3rd Ave, Detroit 3 — Mich
Philco Corp, Govt & Ind Div — 4700 Wissahickon Ave, Phila 44 — Pa
Phillips Electronics Mfg Co — 119 Allen Blvd, Farmingdale — NY
Plug-In Instruments, Inc — 1416 Lebanon Rd, Nashville 10 — Tenn
Precision Apparatus Co., Inc — 70-31 84 St, Glendale 27 — NY
Research Industrial Labs of Electronics — Rosslyn — Pa
Ryan Electronics Div, Ryan Aero. Co — 5650 Kearny Mesa Rd, San Diego 12 — Cal
Scopes Co., Inc — P.O. Box 56, Monsey — NY
Sencore, Inc — 426 S West Gate Dr, Allison — Ill
SIERRA ELECTRONIC CORP., Adv Pgs 128, 129 — **3885 Bohannon Dr, Menlo Park** — **Cal**
SONEX INC., Adv Pg 530 — **70 E Herman St, Philadelphia 44** — **Pa**
Stanley Aviation Corp — 2501 Dallas St, Denver 8 — Colo
Strand Engineering Co — 7300 Huron River Dr, Dexter — Mich
Summers & Wills Inc — 911 W Commerce, Dallas 8 — Tex
Sunshine Scientific Instrument — 1810 Grant Ave, Philadelphia 15 — Pa

Tang Industries Inc — 400 Main St, Waltham 54 — Mass
Teradyne Inc — 87 Summer St, Boston 10 — Mass
Texas Instruments Incorporated, Apparatus Div, Inc Prods Gr — 6000 Buffalo Spdwy, Houston 6 — Tex
TRANS ELECTRONICS INC., Adv Pg 12 — **7349 Canoga Ave, Canoga Park** — **Cal**
Transistor Applications Inc — 102 Broad St, Boston 10 — Mass
Transistor Electronics Corp — 3357 Republic Ave, Minneapolis 26 — Minn
Trans-Western Electronics — P.O. Box 1471, Ventura — Cal
Trott Electronics, Inc — 412 Smith St, Rochester 6 — NY
Valor Instruments, Inc — 13214 Crenshaw Blvd, Gardena — Cal
WALLSON ASSOCIATES INC., Adv Pg 209 — **912 Westfield Ave, Elizabeth** — **NJ**
Wayne Kerr Corp — 1633 Race St, Philadelphia 3 — Pa
Wiltron Co — 717 Loma Verde Ave, Palo Alto — Cal
Wright Equipment Corp — 128 N. Main St, Milltown — NJ

TESTERS – TRANSMISSION See TRANSMISSION TEST SETS

TESTERS – TUBE

1. AUTOMATIC (EMISSION OR TRANSCONDUCTANCE)
2. CATHODE-RAY
3. EMISSION
4. MICROWAVE TUBE (Incl. KLYSTRON)
5. SELF-SERVICE
6. THYRATRON
7. TRANSCONDUCTANCE
8. TUBE & TRANSISTOR

A R & D A, 1-3-6-7 — 135 Main St, Belleville 9 — NJ
Alectric Mfg. Co., 6 — 7842 39th Ave, Kenosha — Wis
Allied Radio Corp., 3 — 100 N. Western Ave, Chicago 80 — Ill
Alpha Instrument Co., 7-8 — 47 Hempstead St, New London — Conn
Ansco Mfg. Co., Inc., 8 — 5025 N. 124th St, Milwaukee — Wisc
Antronic Corp., 2 — 2713 W. Montrose Ave, Chicago 18 — Ill
AVNET INSTRUMENT CORP., 3-7, Adv Pgs 331, 364 — **70 State St, Westbury** — **NY**
B. & K. Mfg. Co., 1-2-3-5-7 — 1801 W Belle Plaine, Chicago 13 — Ill
CBS Electronics, A Div. C B S Inc., 1 — 100 Endicott St, Danvers — Mass
Canadian Marconi Co., 8 — 2444 Trenton Ave, Montreal — Que
Canadian Research Institute, 1-8 — 85 Curlew Dr, Don Mills — Ont
Carad Corp., 4 — 3001 Junipero Serra Blvd, Palo Alto — Cal
Central Electronics, Inc., 2 — 1247 W. Belmont Ave, Chicago 13 — Ill
Command Systems Inc., 6 — 1135 N Stanford Ave, Los Angeles 59 — Cal
Consolidated Avionics Corp., 1 — 800 Shames Dr, Westbury — NY
Daystrom Inc, Weston Instruments Div., 3 — 614 Frelinghuysen Ave, Newark 12 — NJ
Designers for Industry, 8 — 4241 Fulton Pkwy, Cleveland 9 — Ohio
Electronic Measurements Corp., 3-7 — 625 Broadway, New York 12 — NY
FXR INC., 4, Adv Pgs 100, 101 — **25-26 50th St, Woodside 77** — **NY**
G-C Electronics Co., 2-3-5-8 — 400 S Wyman St, Rockford — Ill
General Dynamics/Electronics, Info Tech Div., 2 — 1895 Hancock St, San Diego 12 — Cal
GENERAL ELECTRIC CO. APPARATUS SALES, 4-6, Adv Pgs 8, 9 — **1 River Rd, Schenectady 5** — **NY**
GENERAL METERS INC., 2-8, Adv Pgs 374, 375 — **Box 1701, Grand Junction** — **Colo**
HALLICRAFTERS CO., 1-4-7, Adv Pg 385 — **4401 W 5th St, Chicago 24** — **Ill**
Heath Co. A Sub of Daystrom, Inc., 2-3-8 — Benton Harbor — Mich
Hickok Electrical Instrument Co., 1-2-3-5-6-7-8 — 10532 Dupont Ave, Cleveland 8 — Ohio
Hi-Lo Mfg Corp., 1-2-3 — 1121 W Newport Ave, Chicago 13 — Ill
International Research Associates, 2 — 2221 Warwick Ave, Santa Monica — Cal
Jackson Electrical Instrument Co., 7 — 124 McDonough St, Dayton 2 — Ohio
Keithley Instruments, Inc., 8 — 12415 Euclid Ave, Cleveland 6 — Ohio
LITTON INDUSTRIES, ELECTRON TUBE DIV., 4, Adv Pg 349 — **960 Industrial Rd, San Carlos** — **Cal**
LUMATRON ELECTRONICS, INC., 8 Adv Pg 502 — **116 County Cthse Rd, New Hyde Park** — **NY**
Metronix, Inc., 8 — 75 Wilson Mills Rd, Chesterland — Ohio
New London Instrument Co., 7-8 — 82 Union St, New London — Conn
Phillips Electronics Mfg Co., 1-3-6-7-8 — 119 Allen Blvd, Farmingdale — NY
Planetronics, Inc., 7-8 — Easton — Pa
POLARAD ELECTRONICS CORP., 4, Adv Pg 269-272 — **43-20 34 St, Long Island City 1** — **NY**
Precision Apparatus Co., Inc., 2-3-7-8 — 70-31 84 St, Glendale 27 — NY
Radiation at Stanford, 4 — 3180 Hanover St, Palo Alto — Cal
Radio Corp of America Electron Tube Div., 1-7 — 415 S. 5th St, Harrison — NJ
Radiometer, 1-8 — 72 Emdrupvej, Copenhagen NV 1 — For
Ramage & Miller Inc., 4 — 150 S 2nd St, Richmond — Cal
Rank Cintel Ltd., 8 — Worsley Bridge Rd, London S.E. 26, England
Research Industrial Labs. of Electronics, 2-8 — Rosslyn — Pa
Seco Electronics Inc., 1-3-5-7-8 — 5015 Penn Ave, S, Minneapolis 19 — Minn
Sencore, Inc., 3-8 — 426 S West Gate Dr, Allison — Ill
Sorensen Industrial Electronic Co., 8 — Rt 31, Dover — NJ
Sperry Microwave Electronics Co., 4 — P.O. Box 1828, Clearwater — Fla
Stanley Aviation Corp., 8 — 2501 Dallas St, Denver 8 — Colo
Stark Electronic Instruments Ltd., 1-2-3-7-8 — Box 670, Ajax — Ont
Tenco Electronics Inc., 8 — 108 Cummington St, Boston — Mass
Thomas Electronics, Inc., 1-2 — 118 Ninth St, Passaic — NJ
Triccraft Products Corp., 1-2-3 — 1124 W Newport Ave, Chicago 13 — Ill
Triplett Electrical Instrument Co., 3-6-7-8 — Harmon Rd, Bluffton — Ohio
WALLSON ASSOCIATES INC., 8, Adv Pg 209 — **912 Westfield Ave, Elizabeth** — **NJ**
Wiltron Co., 8 — 717 Loma Verde Ave, Palo Alto — Cal
Wright Equipment Corp., 2-6-8 — 128 N Main St, Milltown — NJ

TESTERS – VIBRATOR

All American Tool & Mfg. Co — 1027 Lawndale, Skokie — Ill
Ansco Mfg. Co., Inc — 5025 N. 124th St, Milwaukee — Wisc
Branson Instruments Inc — 37 Brown House Rd, Stamford — Conn
CORNELL-DUBILIER ELECTRONICS DIV., Adv Pgs 148, 149 — **50 Paris St, Newark 1** — **NJ**
Cosa Corp — 405 Lexington Ave, New York 17 — NY
Electronic Measurements Corp — 625 Broadway, New York 12 — NY
G-C Electronics Co — 400 S Wyman St, Rockford — Ill
Gaynes Engineering Co — 1642 W Fulton St, Chicago 12 — Ill
GENERAL METERS INC., Adv Pgs 374, 375 — **Box 1701, Grand Junction** — **Colo**
Sencore, Inc — 426 S West Gate D, Allison — Ill
UNHOLTZ-DICKIE CORP Adv Pg 363 — **2994 Whitney Ave, Hamden 18** — **Conn**

TESTERS – VOLTAGE See VOLTMETERS
TEST LEADS See LEADS
TEST-LEAD TERMINAL PLUGS See PLUGS
TESTING LABORATORIES See LABORATORIES
TEST RECORDS – DISK See RECORDS
TEST SETS See TESTERS
TEST SETUPS – BENCH See BENCH TEST SETUPS
TETRODE TRANSISTORS See TRANSISTORS
THERMAL BOLOMETERS See BOLOMETERS
THERMAL CELLS See CELLS – THERMAL

THERMAL SHOCK CHAMBERS See CHAMBERS –*ENVIRONMENTAL TEST*
THERMISTOR BRIDGES See BRIDGES
THERMISTOR MOUNTS See MOUNTS –*BOLOMETER*
THERMISTORS –*BOLOMETER* See BOLOMETERS –*MICROWAVE*

THERMISTORS

1. NEGATIVE TEMPERATURE COEFFICIENT 2. POSITIVE TEMPERATURE COEFFICIENT

Bart Lab & Design Inc., 1	125 Manchester Pl, Newark 4	NJ
CARBORUNDUM CO. REFRACTORIES DIV., 1-2, Adv Pgs 104, 105	**Perth Amboy**	**NJ**
Carborundum Co., 1-2	Buffalo Ave. Dept. EBG, Niagara Falls	NY
FENWAL ELECTRONICS, INC., 1, Adv Pg 436	**51 Mellen St. Framingham**	**Mass**
G-C Electronics Co., 1	400 S Wyman St. Rockford	Ill
General Electric Co., Heavy Military Electronics Dept., 1-2	Court St, Syracuse	NY
General Electric Co. Magnetic Materials Section, 1	7812 N Neff Pl. Edmore	Mich
Gulton Industries, Inc., 1	212 Durham Ave, Metuchen	NJ
Hollywood Television Co. Surgitron Div., 1	1949 Moffett St. Hollywood	Fla
INTERELECTRONICS CORP., 1-2, Adv Pg 521	**2432 Grand Concourse, New York 58**	**NY**
KEYSTONE CARBON CO. THERMISTOR DIV., 1-2, Adv Pg 43	**St Marys**	**Pa**
Kidde Electronics Labs. Walter Kidde & Co. Inc., 1-2	477 Brighton Rd. Clifton	NJ
Minn-Honeywell, Aero Controls Div., 1	2753 4th Ave. S, Minneapolis 8	Minn
Minn-Honeywell, Ceramic Lab., 1-2	Box 440, Minneapolis [illegible]	Minn
Molded Insulation Co., 1-2	335 E Price St. Philadelphia 44	Pa
MURATA MFG. CO. LTD., 2, Adv Pg 256	**Nagaoka-cho, Kyoto**	**Jap**
Nucleonic Products Co. Inc., 1	3133 E 12th St. Los Angeles 23	Cal
OHIZUMI MFG. CO. LTD., 1-2, Adv Pg 260	**410 Nakai-cho, Nerima-ku, Tokyo**	**Jap**
PRD ELECTRONICS INC., 1, Adv. Pgs. 113-116	**202 Tillary St. Brooklyn 1**	**NY**
Scaico Controls Inc., 1	210 Taylor St. Riverside	NJ
SERVO CORP OF AMERICA, 1-2, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Sperry Microwave Electronics Co., 1-2	P.O. Box 1828, Clearwater	Fla
Standard Tel. & Cables Ltd., 1-2	29 Glasshouse Yard, London	Eng
Texas Instruments Incorporated, Semiconductor-Components Div., 2	Box 5012, Dallas 22	Tex
Victoreen, Inc., 2	111 E. 27th Ave, San Mateo	Cal
Victory Engineering Corp., 1	135 Springfield Rd, Union	NJ
Westinghouse-Semiconductor Dept., 2	Youngwood	Pa
Yellow Spring Instrument Co., Inc., 1	P.O. Box 106E, Yellow Springs	Ohio

THERMOCOUPLE ALLOYS See ALLOYS –*SPECIAL PURPOSE*
THERMOCOUPLE CONNECTORS See CONNECTORS
THERMOCOUPLE INSULATORS See INSULATORS –*THERMOCOUPLE*
THERMOCOUPLE METERS See AMMETERS: METERS –*THERMOCOUPLE*

THERMOCOUPLES

1. BASIC 2. PYROMETRIC 3. REFERENCE JUNCTION 4. VACUUM-TYPE

Advanced Electronics, Inc., 1	54 Silas Deane Hwy, Rocky Hill	Conn
Advanced Technology Labs., 1	369 Whisman Rd, Mountain View	Cal
Aero Research Instrument Co., 1-3	315 N. Aberdeen St, Chicago 7	Ill
American Instrument Co., Inc., 1	8030 Georgia Ave, Silver Spring	Md
American Thermo Electric Co., 4	1023 N. Fuller Ave, Los Angeles 46	Cal
Bailey Meter Co., 2	1050 Ivanhoe Rd, Cleveland 10	Ohio
Baldwin-Lima-Hamilton Corp., 3	42 4th Ave, Waltham 54	Mass
Blue M Electric Co., 2	138 & Chatham St, Blue Island	Ill
Bon-De Electronic Labs. Inc., 4	361-363 Randall St, Beverly	Mass
Brown Metallurgical Chemical Co., 1	1235 65 Ave, Philadelphia 26	Pa
Continental Sensing, Inc., 1-2	1950 N Ruby St. Melrose Park	Ill
DYNA-EMPIRE INC., 1, Adv Pg 514	**1075 Stewart Ave. Garden City**	**NY**
Electric Switch Corp., 2	2325 S Tibbs Ave, Indianapolis 41	Ind
Electron Technology Inc., 4	626 Schuyler Ave, Kearny	NJ
Electronic Research Labs., 4	85 Surry St, Brighton 35	Mass
Electrowest, Inc., 2	2351 Albatross Way, Sacramento 15	Cal
Engelhard Industries Inc., 1-2-3-4	113 Astor St. Newark 2	NJ
Foxboro Co., The, 2	Foxboro	Mass
Geophysical Inc., 3	6320 W Arizona Circle, Los Angeles 45	Cal
GRAY INSTRUMENT CO., 1-2, Adv Pg 480	**448 Mill Rd. Andalusia**	**Pa**
Hoppert Co., H. H., 2	6830-42 S Cottage Grove, Chicago 37	Ill
Illinois Testing Labs., Inc., 1-2-3	420 N. LaSalle St, Chicago 10	Ill
Leeds & Northrup Co., 1-2-3	4970 Stenton Ave, Philadelphia 44	Pa
Lumen, Inc., 3	Box 901, Joliet	Ill
McIntosh Co., J. R. C., 1	Box 298, El Dorado	Cal
Memotec, Inc., 3	220 Pasadena Ave. South Pasadena	Cal
Minn-Honeywell, Brown Instruments Div., 2	Wayne & Windrim Aves, Philadelphia 44	Pa
NRC Equipment Corp., 4	160 Charlemont St, Newton 61	Mass
Nacimco Products, Inc., 1	1090 Morena Blvd, San Diego	Cal
Pace Engineering Co., 3	13035 Saticoy St, North Hollywood	Cal
Pacific Scientific Co., 1-2-3-4	Box 22019, Los Angeles 22	Cal
Pacific Transducer Corp., 2	11836 W. Pico Blvd, Los Angeles 64	Cal
Philco Corp., Gov't & Ind'l Div., 1-2	4700 Wissahickon Ave, Philadelphia 44	Pa
Pyro - Electric, Inc., 1-3	Muskin Rd, Walkerton	Ind
Pyrometer Co. of America, Inc., 1-2-3	610 E Lincoln Hwy. Penndel	Pa
Pyrometer Instrument Co. Inc., 2-4	92 Portland Ave. Bergenfield	NJ
RdF Corp., 3	Hudson	NH
Radio Corp of America, Electron Tube Div., 4	415 S 5th St, Harrison	NJ
RAWSON ELECTRICAL INSTRUMENT CO., 4, Adv Pg 446	**111 Potter St. Cambridge 42**	**Mass**
Reeder & Co., Charles M., 4	173 Victor Ave, Detroit 3	Mich
Rescon Electronics Corp., 1-2	151 Bear Hill Rd, Waltham 54	Mass
Rayco Instruments Inc., 2	440 Olive St. Palo Alto	Cal
SENSITIVE RESEARCH INSTRUMENT CORP., 4, Adv Pg 109	**310 Main St. New Rochelle**	**NY**
Simpson Electric Co. Div. American Gage & Machine Co., 1	5218 W Kinzie St. Chicago 44	Ill
Smith Mfg. Co., Inc., E. C., 1-2-3	Forrest & Hector Sts, Conshohocken	Pa
Standard Tel. & Cables Ltd., 4	29 Glasshouse Yard, London	Eng
Thompson Assoc Div. Duncan Electric, 3	1413 N Cornell Ave. Indianapolis	Ind
Tektron Instrument Co., 1	26225 NW Cornell Rd. Hillsboro	Ore
Thermo Electric Co., Inc., 1-2	109 5th St. Saddle Brook	NJ
Thermo Electric Mfg. Co., 2	465 Huff St, Dubuque	Iowa
Thermovolt Instruments, Ltd., 1-2-3-4	70 Advance Rd, Toronto 18, Ontario, Canada	
Thwing-Albert Instrument Co., 1-2	5351 Pulaski Ave, Philadelphia 44	Pa
United Sensor & Control Corp., 1-2	Glastonbury	Conn
VACTRONIC LAB. EQUIPMENT, INC., 4, Adv Pg 560	**21 Mammoth Ct. East Northport**	**NY**
Vacuum - Electronics Corp., 4	Terminal Dr. Plainview	NY
West Instrument Corp., 1-2	4363 W. Montrose, Chicago 41	Ill
Westinghouse-Instrument Dept., 1	Newark	NJ
Williamson Development Co., 1	317 Main St. W Concord	Mass

THERMOCOUPLE WIRE See WIRE –*THERMOCOUPLE*
THERMOELECTRIC COOLERS See COOLING UNITS

THERMOMETERS –*RESISTANCE*

Aero Research Instrument Co	315 N. Aberdeen St, Chicago 7	Ill
Ameresco Inc	14 Center Ave, Little Falls	NJ
Arnoux Corp	11924 W. Washington Blvd, L.A. 66	Cal
Bailey Meter Co.	1050 Ivanhoe Rd, Cleveland 10	Ohio
Daystrom Inc. Weston Instruments Div	614 Frelinghuysen Ave. Newark 12	NJ
Edison Ind, Thos. A., Instr Div., McGraw-Edison Co	81 Lakeside Ave, West Orange	NJ
Electro-Medical Lab., Inc	South Woodstock 8	Vt
Electrowest, Inc	2351 Albatross Way, Sacramento 15	Cal
Foxboro Co., The	Foxboro	Mass
GRAY INSTRUMENT CO., Adv Pg 480	**448 Mill Rd. Andalusia**	**Pa**
Illinois Testing Labs., Inc	420 N. LaSalle St, Chicago 10	Ill
Key Resistor Corp	321 W Redondo Beach Blvd, Gardena	Cal
Leeds & Northrup Co	4970 Stenton Ave, Philadelphia 44	Pa
McIntosh Co., J. R. C.	Box 298, El Dorado	Cal
Minco Products, Inc	740 Washington Ave, N., Minneapolis 1	Minn
Minn-Honeywell, Brown Instruments Div	Wayne & Windrim Aves, Philadelphia 44	Pa
Nacimco Products, Inc	1090 Morena Blvd, San Diego	Cal
Pacific Scientific Co	Box 22019, Los Angeles 22	Cal
RdF Corp	Hudson	NH
Radiation Research Corp	1150 Shames Dr. Westbury	NY
Rosemount Engineering Co	4900 W 78 St, Minneapolis 24	Minn
SENSITIVE RESEARCH INSTRUMENT CORP., Adv Pg 109	**310 Main St. New Rochelle**	**NY**
Simpson Electric Co., Div., American Gage & Machine Co	5218 W. Kinzie St, Chicago 44	Ill
Smith Mfg. Co., Inc., E.C.	Forrest & Hector Sts, Conshohocken	Pa
Taylor Instrument Cos	95 Ames St, Rochester	NY
Tektron Instrument Co	26225 NW Cornell Rd. Hillsboro	Ore
Thermo Electric Co. Inc	109 5th St. Saddle Brook	NJ
Thermovolt Instruments Ltd	70 Advance Rd, Toronto 18, Ontario	Can
Thwing-Albert Instrument Co	5351 Pulaski Ave, Philadelphia 44	Pa
United Control Corp	Overlake Ind Pk, Box 3104, Seattle	Wash
West Instrument Corp	4363 W. Montrose, Chicago 41	Ill
Yellow Springs Instrument Co., Inc	P.O. Box 106E, Yellow Springs	Ohio

THERMOPILES

Biddle Co., James G.	1316 Arch St, Philadelphia 7	Pa
Continental Sensing, Inc	1950 N Ruby St. Melrose Park	Ill
ELECTRO IMPULSE LAB INC., Adv Pg 357	**208 River St. Red Bank**	**NJ**
Eppley Lab., Inc	12 Sheffield Ave, Newport	RI
Illinois Testing Labs., Inc	420 N. LaSalle St, Chicago 10	Ill
Reeder & Co., Charles M.	173 Victor Ave, Detroit 3	Mich
SIERRA ELECTRONIC CORP., Adv Pgs 128, 129	**3885 Bohannon Dr. Menlo Park**	**Cal**
Thermovolt Instruments, Ltd	70 Advance Rd, Toronto 18, Ontario, Canada	
Williamson Development Co	317 Main St. W Concord	Mass

THERMOSTATIC BI-METALS See BI-METALS

THERMOSTATS –*BI-METAL*

Burling Instrument Co	23 River Rd, Chatham	NJ
Edison Ind, Thos. A., Instr Div. McGraw-Edison Co	81 Lakeside Ave, West Orange	NJ
Electric Control Inc	Swan Island, Portland	Ore
Engelhard Industries, Inc	113 Astor St, Newark 2	NJ
Fenwal, Inc	Pleasant St, Ashland	Mass
G-V Controls, Inc	Okner Pkwy, Livingston	NJ
General Controls Co	801 Allen Ave, Glendale 1	Cal
Heath Electronic Labs	155 Sargeant Ave. Clifton	NJ
Mechanical Ind. Production Co	217 Ash St, Akron 8	Ohio
Mercoid Corp	4201 Belmont Ave, Chicago 41	Ill
Minn-Honeywell, Appar Controls Div	2753 4th Ave. S, Minneapolis 8	Minn
STEVENS MFG. CO. INC., Adv Pg 457	**Box 1007, Mansfield**	**Ohio**
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
Therm-O-Disc Inc	Mansfield	Ohio
Thermoseal, Div., Jamieson Labs., Inc	7900 Haskell Ave, Van Nuys	Cal
Therm-O-Stats, Inc	Chartley	Mass
ULANET CO., GEORGE Adv Pg 515	**413 Market St. Newark 5**	**NJ**
Valverde Laboratories	252 Lafayette St. New York 12	NY

THERMOSTATS –*ELECTRONIC* See CONTROLS –*TEMPERATURE*
THICKNESS CONTROLS See CONTROLS –*THICKNESS*
THICKNESS INDICATORS See INDICATORS –*THICKNESS*
THICKNESS RECORDERS See RECORDERS –*THICKNESS*

THORIUM

American Potash & Chemical Corp	3000 W 6th St. Los Angeles 54	Cal
Grace & Co., W. R., Davison Chemical Div.	Box 218, Erwin	Tenn
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Metal Hydrides Inc	Beverly	Mass
NATIONAL LEAD CO., Adv Pg 557	**111 Broadway, New York 6**	**NY**
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., Adv Pg 81	**34 Forest St. Attleboro**	**Mass**

THORIUM OXIDE

American Potash & Chemical Corp	3000 W 6th St. Los Angeles 54	Cal
Continental Sensing, Inc	1950 N Ruby St. Melrose Park	Ill
Engineering Science Div Amer Metal Pdts Co	2600 S State St. Ann Arbor	Mich
Grace & Co., W. R., Davison Chemical Div.	Box 218, Erwin	Tenn
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Norton Co	1 New Bond St. Worcester 6	Mass
Smith Mfg Co., E. C.	Forrest & Hector Sts. Conshohocken	Pa
Zirconium Corp of America	31501 Solon Rd, Solon 39	Ohio

THREADED RODS See METAL PARTS –*THREADED RODS*
THYRATRON ANALYZERS See TESTERS –*TUBE*
THYRATRON CONTROLS See CONTROLS –*MOTOR SPEED:* CONTROLS –*THYRATRON GRID:* CONTROLS –*WELDING*
THYRATRONS –*SOLID-STATE* See RECTIFIERS –*SEMICONDUCTOR: CONTROLLED*
THYRATRONS –*TUBE* See TUBES –*THYRATRON*
THYRATRON TESTERS See TESTERS –*TUBE*

TIME DELAY FUSES See FUSES
TIME DELAYS –*A-F, VARIABLE* See DELAYS –*TIME*
TIME-INTERVAL INDICATORS See CHRONOSCOPES
TIME-INTERVAL RECORDERS See CHRONOGRAPHS
TIMERS –*CLOCK RADIO CYCLE, AUTOMATIC CYCLE, INTERVAL & RESET* See TIMERS –*MOTOR-OPERATED*

TIMERS –*ELECTROCHEMICAL*

ABRAMS INSTRUMENT CORP., Adv Pg 415	**606 E Shiawassee, Lansing**	**Mich**
Bulova Electric Co. Inc.	11080 Capital Ave, Oak Park	Mich
Flight Research, Inc	Box 1-F, Richmond 1	Va
General Electric Co. Clock & Timer Dept.	Ashland	Mass
INDUSTRIAL TIMER CORP., Adv Pg 381	**1407A McCarter Hwy. Newark 4**	**NJ**
Leland Airborne Products Div. AMF	Box 125, Vandalia	Ohio
OVITRON CORP., Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
Paragon Div. Houston-Fearless Corp	11822 Yukon Ave. Hawthorne	Cal

TIMERS –*ELECTRONIC*

1. BASIC CIRCUIT-CONTROLLING 2. PULSE INTERVAL TIMING

Abacus, Inc., 1-2	3042 Overland Ave. Los Angeles	Cal
ABRAMS INSTRUMENT CORP., 1-2, Adv Pg 415	**606 E Shiawassee, Lansing**	**Mich**
Adcole Corp., 1-2	186 Massachusetts Ave. Cambridge 39	Mass
Aerotronic Associates Inc., 1	Box 367, Contoocook	NH
Aircraft Instruments Co., 2	King of Prussia Rd at Montgomery Ln, Radnor	Pa
Airmec Ltd., 2	High Wycombe, Buckinghamshire	Eng
Airtronics, Inc., 1-2	5522 Dorsey Ln, Washington 16	DC
American-Standard, Controls Div., 1	5900 Trumbull, Detroit 8	Mich
Anchor Specialty Mfg. Co. Inc., 1	30 Hollister Rd, Teterboro	NJ
Armec Corp., 1	195 W Hills Rd, Huntington Sta	NY
Artronic Instrument Co., 2	11222 Triangle Ln, Silver Spring	Md
Atlee Corp. Monitor Controller Div., 1	98 Grove St. Rockland	Mass
Automatic Timing & Controls, Inc., 1	King of Prussia	Pa
Automation Dynamics Corp., 2	295 County Rd, Tenafly	NJ
Autotron, Inc., 1	3629 N Vermilion St. Danville	Ill
Bayside Timers, 1	43-27 162 St. Flushing	NY
BECKMAN INSTRUMENTS INC. BERKELEY DIV., 1-2, Adv Pgs 162, 163	**2200 Wright Ave. Richmond**	**Cal**
Biophysical Electronics, 1	221 Rock Hill Rd. Bala Cynwyd	Pa
Bristol Motor Div. Vocaline Co. of Amer., 1-2	Old Saybrook	Conn
Cable Specialists of Conn., 1-2	95 Hills Lane, Newington 11	Conn
Calbest Electronics Co., 1	4801 Exposition Blvd. Los Angeles 16	Cal
California Computer Products, Inc., 1-2	8714 Cleta St. Downey	Cal
Clary Corp., 2	408 Junipero St. San Gabriel	Cal
Cleveland Metal Specialties Co., 1	1703 E 21st St. Cleveland 14	Ohio
Communications Control Corp., 1	14717 Keswick St. Van Nuys	Cal
Computer Equipment Corp., 1-2	11612 W Olympic Blvd. Los Angeles 64	Cal
Computer-Measurements Co., 1-2	12970 Bradley Ave. Sylmar	Cal
Computer Techniques Inc	2300 Northern Blvd. Long Island City 1	NY
CONTINENTAL INSTRUMENTS CORP., 1, Adv Pg 521	**110 Atlantic Ave. Lynbrook**	**NY**
Control Equipment Corp., 1-2	19 Kearney Rd, Needham Heights 94	Mass
Controls Co. of America, 2	9655 Soreng Ave. Schiller Park	Ill
Cooper Development Corp., 1	2626 S. Peck Rd, Monrovia	Cal
Cramer Controls Corp., 1-2	Box 13, Centerbrook	Conn
Crosby Teletronics Corp., 2	54 Kinkel St. Westbury	NY
Destron Co., 1	25914 Chalmette Av. Rolling Hills Est.	Cal
Digitool Corp., 2	5300 Braeway Rd. Houston 27	Tex
Eagle Signal Co Div Gamewell Co-EW Bliss Sub, 1	202-20th St. Moline	Ill
ELDORADO ELECTRONICS CO., 2, Adv Pg 308	**2821 - 10th St. Berkeley**	**Cal**
Electro Seal Corp., 1	945 North Ave, Des Plaines	Ill
Electrodynamic Instrument Corp., 2	1841 Old Spanish Trail, Houston 25	Tex
ELECTRONIC PRODUCTS CORP., 1-2, Adv Pgs 545, 546	**4642 Belair Rd. Baltimore 6**	**Md**
Electronic Specialties Co., 1	P.O. Box 1941, Wyandotte	Mich
Electronics Corp of America, 1-2	1 Memorial Dr, Cambridge 42	Mass
Elesta Ltd., Electronic Control Apparatus, 1-2	Bad Ragaz, Switzerland	
Epsco-West, 1-2	240 E. Palais Rd, Anaheim	Cal
ERIE-PACIFIC DIV. ERIE RESISTOR CORP., 1-2, Adv Pg 206	**12932 S Weber Way, Hawthorne**	**Cal**
Farmer Electric Products Co., Inc., 1-2	2300 Washington, Newton Lower Falls	Mass
Flight Research, Inc., 2	P.O. Box 1-F, Richmond 1	Va
Fork Standards Inc., 2	1915 N Harlem Ave. Chicago 35	Ill
FRONTIER ELECTRONICS CO., 1-2, Adv Pg 193	**4605 Memphis Ave. Cleveland 9**	**Ohio**
G-V Controls, Inc., 1-2	Okner Pkwy, Livingston	NJ
General Control Co., 1	1212 Soldiers Field Rd. Boston 34	Mass
General Radio Co., 2	West Concord	Mass
General Time Corp. Incoming Div., 1-2	Progress Dr. Stamford	Conn
Geotechnical Corp., 2	3401 Shiloh Rd. Garland	Tex
Gibbs Mfg. & Research Corp., 1-2	454 N Main St. Janesville	Wis
Gilfillan Bros. Inc., 1-2	1815 Venice Blvd. Los Angeles 6	Cal
Globe Electronics, Div. Textron Electronics, Inc., 2	22-30 S. 34th St., Council Bluffs	Iowa
Gordon Enterprises, 1-2	5362 N. Cahuenga Blvd, N. Hollywood	Cal
HALLICRAFTERS CO., 1-2, Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
Hamilton Watch Co. Industrial Prods Div., 2	Lancaster	Pa
HAYDON CO., A. W., 1-2, Adv Pgs 302, 303	**4030 Ince Blvd. Culver City**	**Cal**
Hunter Mfg. Co., 1	P.O. Box 153, Coralville Br, Iowa City	Iowa
H-L-S Instrument Div., Hickok Instrument Co., 1-2	4525 W. 150th St, Cleveland 35	Ohio
Iconix Incorporated, 1-2	945 Industrial Ave. Palo Alto	Cal
Instrument Corp. of Florida, 1	Box 1225, Melbourne	Fla
Isotope Developments Ltd., 1-2	Bath Rd Beenham, Reading, Berks	Eng
Itek Labs Div. Itek Corp., 1	10 Maguire Rd. Lexington 73	Mass
Jordan Electronics Div. Victoreen Ins. Co., 1-2	121 S Palm Ave. Alhambra	Cal
Karlson Associates, Inc., 1-2	433 Hempstead Ave. W. Hempstead	NY
Leach Corp., 1-2	18435 Susana Rd, Compton	Cal
Lear Inc., 1-2	3171 S Bundy Dr. Santa Monica	Cal
Liebel Flarsheim Co. Div. Ritter Co. Inc., 1	111 E Amity Rd. Cincinnati 15	Ohio
Lockheed Electronics Co. Info Tech Div., 1-2	Metuchen	NJ
Lundy Mfg Corp., 1-4	Robert Lane, Glen Head	NY
McDonnell Aircraft Co., 1-2	Box 516, St Louis 66	Mo
Machinery Electrification, Inc., 1	56 Hudson St. Northboro	Mass
Med-Tronics Mfg. Co. Inc., 1-2	2019 Westchester Ave. New York 62	NY
Mini-Rad, Inc., 1-2	7416-E Varna Ave, N. Hollywood	Cal
Minn-Honeywell, Military Prods Gr., 1-2	2600 Ridgway Rd, Minneapolis 13	Minn
Molectronics Div. Nortronics Ind. Inc., 1-2	6344 Arizona Cir. Los Angeles 45	Cal
Natel Engineering Co. Inc., 1-2	15922 Strathern St. Van Nuys	Cal
NAVIGATION COMPUTER CORP., 2, Adv Pg 511	**Valley Forge Ind Park, Norristown**	**Pa**

Nelson Instrument Co., 1	Box 68, Spring Valley	Ill
Newton Co., 2	55 Elm St. Manchester	Conn
NORTHEASTERN ENGINEERING INC., 1-2, Adv Pgs 289-292	**P. O. Box 158, Manchester**	**NH**
OVITRON CORP., 1, Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
Oxford Engineering Corp., 1-2	478 River St. Wellesley Hills 81	Mass
Pacific Div. Houston-Fearless Corp., 1	11822 Yukon Ave. Hawthorne	Cal
PARAPLEGICS MFG CO. INC., 1-2 Adv Pg 476	**304 N York Rd. Bensenville**	**Ill**
PENNWOOD NUMECHRON CO., 2 Adv Pg 558	**7249 Frankstown Ave. Pittsburgh 8**	**Pa**
Philco Corp. Govt & Ind Div., 1-2	4700 Wissahickon Ave. Phila 44	Pa
Philips Electronic Instruments, 1-2	750 S Fulton Ave. Mt. Vernon	NY
Plug-in Instruments, Inc., 2	1405 Lebanon Rd. Nashville 10	Tenn
Post Electronics Products, 2	12 Lothrop St. Beverly	Mass
Radiation Research Corp., 2	1151 Shames Dr. Westbury	NY
Radiation Technology, Inc., 2	657 Antone St. NW Atlanta 18	Ga
Radiometer, 2	72 Emdrupvej, Copenhagen NV 1	For
Research Industrial Labs of Electronics, 1	Roslyn	Pa
Slip Ring Co. of America, 1-2	3612 W Jefferson Blvd. Los Angeles 16	Cal
Space Electronics Corp., 1	930 Air Way, Glendale 1	Cal
Spec-Tronics, 1-2	13947 Saticoy Ave, Van Nuys	Cal
Square D Co., 1	4041 Richards, Milwaukee 12	Wis
Strengel Instrument Corp., 1	R. D. 1, Lake George	NY
Sunshine Scientific Instrument, 2	1810 Grant Ave, Philadelphia 15	Pa
Syracuse Electronics Corp., 1-2	Box 566, Syracuse 1	NY
Systron-Donner Corp., 1-2	950 Galindo St. Concord	Cal
Texas Electronics Div. Texas Electronics & Missiles Co., 2	Box 6191, Dallas 22	Tex
TEMPO INSTRUMENT, INC., 1-2, Adv Pg 130	**Commercial St. Hicksville**	**NY**
Topp Industries, Inc., 2	5221 W. 102 St. Los Angeles 45	Cal
Transistor Devices Inc., 1-2	40 Factory St. Cedar Grove	NJ
TRANSISTOR SPECIALTIES INC., 2, Adv Pg 325	**Terminal Dr. Plainview**	**NY**
TREPAC CORP. OF AMERICA, 2, Adv Pgs 415, 426	**30 W Hamilton Ave. Englewood**	**NJ**
Tri Electronics, Inc., 1	412 Smith St, Rochester 8	NY
Ulmer Co., H. W., 1	2941 San Luis Rey Rd. Oceanside	Cal
United Control Corp	Overlake Ind Pk. Box 3104, Seattle	Wash
U.S. Science Corp., 2	5221 W. 102nd St. Los Angeles 45	Cal
VARO INC., 1-2 Adv Pg 118	**2201 Walnut St. Garland**	**Tex**
Venner Electronics Ltd, 1-2	Kingston By-Pass, New Malden, England	
Vitro Corp of America, 2	261 Madison Ave. New York 16	NY
Von-Shan Electronics, 1-2	11259 Sherman Way, North Hollywood	Cal
Walkirt Co., 1-2	141 W Hazel St. Inglewood 3	Cal
Weltronic Co., 1-2	19500 W. Eight Mile Rd, Southfield	Mich
Westport Electric, 2	149 Lambert St, El Segundo	Cal
Wheaton Engineering Co., 1-2	P. O. Box 191, Wheaton	Ill
Wilson & Co., S. C., 1	1035 28th St. Huntington	W Va

TIMERS –*HOUR-COUNTING* See TIMERS –*MOTOR-OPERATED, RUNNING TIME*
TIMERS –*IMPULSE* See TIMERS –*ELECTRONIC, PULSE INTERVAL*

TIMERS –*MOTOR-OPERATED*

1. CIRCUIT-CONTROLLING (ON OR OFF ACTION AT THE END OF PRESET TIME INTERVAL) 2. CIRCUIT-CONTROLLING, AUTOMATIC RECYCLING 3. CLOCK RADIO 4. CYCLING & SEQUENCING, MULTI-CONTACT 5. INTERVAL-TIMING 6. RUNNING-TIME

ABRAMS INSTRUMENT CORP., 2-4-5, Adv Pg 415	**606 E Shiawassee, Lansing**	**Mich**
Aemco, Div. of Telex, 1-2-4-5	10 State St. Mankato	Minn
AIRFLYTE ELECTRONICS CO., 4, Adv Pg 342	**535-9 Avenue A, Bayonne**	**NJ**
Airtronics, Inc., 1-2-4-5	522 Dorsey Ln, Washington 16	DC
ALDEN ELECTRONIC & IMPULSE RECORDING EQUIP CO., 4-5-6, Adv Pg 358	**P.O. Box 125, Westboro**	**Mass**
Amperesco Inc	14 Center Ave. Little Falls	NJ
American-Standard, Controls Div., 4	5930 Trumbull, Detroit 8	Mich
Ampro Corp., 1-2-4-5	4333 N Ravenswood Ave. Chicago 13	Ill
Auren Corp., 5	315 W Adams St. Chicago 6	Ill
Automatic Timing & Controls Inc., 1-2-4-5-6	King of Prussia	Pa
Automation Dynamics Corp., 4	255 County Rd. Tenafly	NJ
Barwood Electronics, Inc., 4	120 S Maryland Ave. Glendale 5	Cal
Bayside Timers, 1-2-4-5	43-27 162 St. Flushing	NY
Beattie-Coleman, Inc., 4	1000 N. Olive St, Anaheim	Cal
Benco Engineering Corp., 1-2-4-5	2320 S. Tibbs Ave, Indianapolis	Ind
Bristol Motor Div. Vocaline Co. of Amer., 1-2-4 5-6	Old Saybrook	Conn
Bulow Electric Co. Inc., 1-2	11000 Capital Ave. Oak Park	Mich
Cable Electric Products, 1-5	236 Dobell St. Providence	RI
Canadian Applied Research Ltd., 5	750 Lawrence Ave W. Toronto 19	Can
Clary Corp., 5	408 Junipero St. San Gabriel	Cal
COLLECTRON CORP., 4, Adv Pg 550	**304 E 45th St. New York 17**	**NY**
Control Data Corp., Cedar Engr. Div., 5	5806 Park Ave, Minneapolis 15	Minn
Cooper Development Corp., 1	2626 S. Pacific, Monrovia	Cal
Cramer Controls Corp., 1-2-4-5-6	Box 13, Centerbrook	Conn
Crestmont Electronics, 1	2201 N Burbank Blvd, Burbank	Cal
Cutler-Hammer Inc., 1-5	411 N 12th St. Milwaukee 1	Wis
Dacor Instrument Co., 5	Tillary & Prince Sts, Brooklyn 1	NY
Dietz Co., Inc., Henry G., 4	12-16 Astoria Blvd, Long Island City 2	NY
DIMCO-GRAY CO., 1-5-6, Adv Pg 396	**207 E 6th St. Dayton**	**Ohio**
Durakool Inc., 1-2-5	1010 N Main St. Elkhart	Ind
Eagle Signal Co Div Gamewell Co-EW Bliss Sub, 1-2-4-5	202-20th St. Moline	Ill
Electronic Controls Inc., 1-2-4	88 Southfield Ave. Stamford	Conn
Electronics Corp. of America, 1-2-5-6	1 Memorial Dr. Cambridge 42	Mass
EMPIRE SERVICES, 1, Adv Pg 484	**4D-3, Skaneateles**	**NY**
Exact Engineering & Mfg. Inc., 5-6	Box 447, Oceanside	Cal
FAE INSTRUMENT CORP., 1-2-4-6, Adv Pg 428	**Nordon La. Huntington Station**	**NY**
Fidelity Amplifier Co., 1-2-4	1611 N Halsted St. Chicago 14	Ill
Foster & Allen Inc., 1	Chatham	NJ
Foxboro Co., The, 1	Foxboro	Mass
FRONTIER ELECTRONICS CO., 4, Adv Pg 193	**4606 Memphis Ave. Cleveland 9**	**Ohio**
General Control Co., 1-2-5	1212 Soldiers Field Rd. Boston 34	Mass
General Controls Co., 1-2-4-5	801 Allen Ave, Glendale 1	Cal
GENERAL ELECTRIC CO. APPARATUS SALES, 1-2-4, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
General Electric Co. Clock & Timer Dept., 1-2-3 5-6	Ashland	Mass
General Mills, Inc., 1	1620 Central Ave. Minneapolis 13	Minn
Gibbs Mfg. & Research Corp., 1-2-4-5-6	494 N Main St. Janesville	Wis
Gilfillan Bros., Inc., 5	1815 Venice Blvd., Los Angeles 6	Cal
Globe Industries, Inc., 2-4-5-6	1784 Stanley Ave. Dayton 4	Ohio
Godfrey Mfg. Co., 1-2-4	1633 N Halsted St. Chicago 14	Ill
Gordon Enterprises, 1-2-4-5-6	5362 N Cahuenga Blvd. N Hollywood	Cal
Green Rectifier Co., 1-2-5	1-10 37th St. Fair Lawn	NJ
Hagen Mfg. Co. Div. Gamewell Co., 1-2-4-5	104 Walnut St. Baraboo	Wis
Hammer Electronics Co. Inc., 1-2-5-6	Box 531, Princeton	NJ
HAYDON CO., A. W., 1-2-4-5-6, Adv Pgs 302, 303	**238 N Elm St. Waterbury**	**Conn**
Haydon Div., General Time Corp., 1-2-4-5-6	500 E. Elm St, Torrington	Conn
Haydon Instrument Co., 2	17 Brown St. Waterbury 20	Conn
Herbach & Rademan, Inc., 2	1204 Arch St. Philadelphia 7	Pa
Holtzer Cabot Div. National Pneumatic Co. Inc., 1	125 Amory St. Boston 19	Mass
Hudson Bay Co., Div., Labline, Inc., 5	3070 W. Grand, Chicago 22	Ill
Hunter Mfg. Co., 5	P.O. Box 153, Coralville St., Iowa City	Iowa
INDUSTRIAL TIMER CORP., 1-2-4-5-6, Adv Pg 381	**1407A McCarter Hwy. Newark 4**	**NJ**
Ingraham Co., 1-2-3-5	Bristol	Conn
International Register Co., 1-2-3-5-6	2620 Washington Blvd, Chicago 12	Ill
J-B-T INSTRUMENTS INC., 6, Adv Pgs 133, 134	**133 Hamilton St. New Haven 8**	**Conn**
Janco Corp., 5	3111 Winona Ave. Burbank	Cal
Kinetic Instrument Corp., 1-2-4-5-6	1070 Linwood St. Brooklyn 8	NY
Kuhnke Electronics, H., 2-4	Malente Holstein	Ger
Labline, Inc., 5	3070 W Grand Ave, Chicago 22	Ill
Liebel Flarsheim Co. Div. Ritter Co. Inc., 1-2-5	111 E Amity Rd. Cincinnati 15	Ohio
Lucas - Rotax Ltd., 1-2	Box 115, Sta H, Toronto 13	Ont
Lundy Mfg Corp., 4	Robert Lane, Glen Head	NY
Martin Co., 5	Mail No. G-337, Baltimore 3	Md
Med-Tronics Mfg. Co. Inc., 1-2	2018 Westchester Ave. New York 62	NY
Miller-Harris Instrument Co., 1-2-4-5	1134 S 1st St. Milwaukee 4	Wis
Minn-Honeywell, Military Prods Gr., 1-2-4-5	2600 Ridgway Rd. Minneapolis 13	Minn
Minn Honeywell, Precision Meter Div., 6	Grenier Field, Manchester	NH
Montgomery Mfg Co., 1-2-4-5	204 S Main St. Owensville	Ind
National Cine Equipment Inc., 5	209 W 48 St. New York 36	NY
Nuclear Chicago Corp., 1-5-6	333 E Howard St. Des Plaines	Ill
OAK MFG CO., 1-2-4, Adv Pg 283	**Crystal Lake**	**Ill**
Paraben Div. Houston-Fearless Corp., 1-2-4-5-6	11822 Yukon Ave. Hawthorne	Cal
PENNWOOD NUMECHRON CO., 5-6 Adv Pg 558	**7249 Frankstown Ave. Pittsburgh 8**	**Pa**
Reliance Automatic Lighting Co., 5	1919 Mead St. Racine	Wis
Research Industrial Labs. of Electronics, 1-2-4	Roslyn	Pa
Rhodes Inc., M. H., 5	31 Bartholomew Ave. Hartford 6	Conn
Sage-Craft Inc., 1-5	Norwich	NY
Seely Instrument Co., Inc. 1-2-4-5	375 Fourth St. Niagara Falls	NY
Servo Development Corp., 1-4-5-6	2 Willis Ct. Hicksville	NY
Sheffield Corp. Sub Bendix Corp., 4	Box 893, Dayton 1	Ohio
Simon Mfg Co., 1	Box 275, Wayne	Ill
Simpson Electric Co. Div. American Gage & Machine Co., 6	5218 W Kinzie St. Chicago 44	Ill
Societe Indus. de Sonceboz S. A., 1-2-4-5-6	Sonceboz	Switz
Spectrol Electronics Corp., 1-2-4-5	1704 S Del Mar, San Gabriel	Cal
STANDARD ELECTRIC TIME CO., 5, Adv Pg 311	**89 Logan St. Springfield**	**Mass**
Stoehl Co., Inc., Herman H., 6	27 Park Pl, New York 7	NY
Taylor Instrument Co. (Ohio) Inc., 1-2-4	557 E Tallmadge Ave. Akron 10	Ohio
Taylor Instrument Cos., 1-4-5-6	95 Ames St. Rochester	NY
TECHNOLOGY INSTRUMENT CORP. OF ACTON, 1-4-5, Adv Pgs 84, 85	**536 Main St. Acton**	**Mass**
Telex, 1-2	Telex Park, St Paul 1	Minn
TEMPO INSTRUMENT INC., 2-4-5, Adv Pg 130	**Commercial St. Hicksville**	**NY**
Tork Time Controls, Inc., 1-5	32 Grove St. Mt. Vernon	NY
Twin Lock Inc., 2-4	1024 W. Hillcrest Blvd, Inglewood	Cal
United Control Corp., 4	Overlake Ind Pk. Box 3104, Seattle	Wash
U.S. Science Corp., 4-5	5221 W. 102nd St, Los Angeles 45	Cal
Vac Line Inc., 6	31 S St. Clair St. Dayton 2	Ohio
Waltham Precision Instrument Co., 6	221 Crescent St. Waltham 54	Mass
Westinghouse-Instrument Dept., 6	Newark	NJ
Wheaton Engineering Co., 1-2-4-5-6	P. O. Box 191, Wheaton	Ill
Wright Machinery Co. Div. Sperry Rand Corp., 1	Durham	NC
Zenith Electric Co., 1-2-4-5-6	152 W. Walton St, Chicago 10	Ill

TIMERS –*MULTI-CONTACT* See TIMERS –*MOTOR-OPERATED, CYCLING*
TIMERS –*PERCENTAGE* See TIMERS –*MOTOR-OPERATED RUNNING TIME*
TIMERS –*SEQUENCE* See TIMERS –*MOTOR-OPERATED*
TIMERS –*THERMAL* See SWITCHES –*AUTOMATICALLY OPERATED, THERMAL*

TIMERS –*WELDING, ELECTRONIC*

Automatic Timing & Controls, Inc	King of Prussia	Pa
Eagle Signal Co Div Gamewell Co-EW Bliss Sub	202-20th St. Moline	Ill
Eisler Engineering Co., Inc	751 S. 13 St, Newark 3	NJ
ELECTRONIC PRODUCTS CORP., Adv Pgs 545, 546	**4642 Belair Rd. Baltimore 6**	**Md**
Electronics Corp of America	1 Memorial Dr, Cambridge 42	Mass
EWALD INSTRUMENTS, Adv Pg 498	**Rt. 7E, Kent**	**Conn**
Federal Electronic Products, Inc	1380 Pompton Ave, Cedar Grove	NJ
General Control Co	1212 Soldiers Field Rd, Boston 34	Mass
INDUSTRIAL TIMER CORP., Adv Pg 381	**1407A McCarter Hwy. Newark 4**	**NJ**
Livingston Electronic Corp	Livingston 3	NJ
OVITRON CORP., Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
Robotron Corp	21300 W 8 Mile Rd. Detroit 19	Mich
Square D Co	4041 Richards, Milwaukee 12	Wis
Syracuse Electronics Corp	Box 566, Syracuse 1	NY
Ulmer Co., H. W	2941 San Luis Rey Rd. Oceanside	Cal
Venner Electronics Ltd	Kingston By-Pass, New Malden, England	
Wells Electronics Co	1701 S Main St. South Bend 23	Ind
Weltronic Co	19500 W. Eight Mile Rd, Southfield	Mich

TIME STANDARDS See STANDARDS
TIMING CONTROLS See TIMERS
TIMING INDICATORS See INDICATORS –*TIMING*
TIMING MOTORS See MOTORS –*TIMER & CLOCK*
TIMING RECORDERS See RECORDERS –*TIMING*

TIN

1. FOIL 2. SHEETS AND BARS

Accurate Specialties Co. Inc., 1	345 Loft St. Hackensack	NJ
Alloys Unlimited Inc., 1	21-01 43rd Ave. Long Island City 1	NY
Alpha Metals, Inc., 1-2	600 Water St, Jersey City	NJ
Belmont Smelting & Refining Works, 1	330 Belmont Ave. Brooklyn 7	NY
Cominco Products Inc., 1-2	933 W 3rd Ave, Spokane	Wash
Composite Industrial Metals Inc., 1-2	235 Georgia Ave. Providence 5	RI
Division Lead Co., 1-2	7742 W. 61st Pl, Summit	Ill
MALAYAN TIN BUREAU, Adv Pg 46	**2000 K St, NW, Washington 6**	**DC**
A.D. Mackay, Inc., 1-2	198 Broadway, New York 38	NY
Metal & Thermit Corp., 2	Rahway	NJ
NATIONAL LEAD CO., 2, Adv Pg 557	**111 Broadway, New York 6**	**NY**
Revere Copper & Brass, Inc., 1	230 Park Ave. New York 17	NY
Semi-Alloys Inc., 1-2	20 McQuesten Pkwy. N, Mt. Vernon	NY
Tricon Mfg Co., 2	9012 S Wallace St. Chicago 20	Ill
United Mineral & Chemical Corp., 1-2	16 Hudson St. New York 13	NY
Var-Lac-Oid Chemical Co., 1-2	116 Broad St. New York 4	NY

TINNING SERVICES *(HOT-DIP)*

ALPHA WIRE CORP., Adv Pg 246	**200 Varick St. New York 14**	**NY**
American Silver Co. Inc	36-07 Prince St. Flushing 54	NY
Hi-Lo Mfg Corp	1122 W Newport Ave. Chicago 13	Ill
Livingston Electronic Corp	Livingston 3	NJ
New England Refining Inc	159 Tremont St. Everett	Mass
Somers Brass Co	94 Baldwin Ave. Waterbury	Conn
Steel Heddle Mfg. Co	2100 W. Allegheny Ave, Philadelphia 32	Pa
Sylvania Electric Products Inc. Parts Div	12 2nd Ave. Warren	Pa
Tricraft Products Corp	1124 W Newport Ave. Chicago 13	Ill
WRIGHT METALCOATERS, INC., Adv Pg 424	**255 West St. South Hackensack**	**NJ**

TIN PLATING See ELECTROPLATING SERVICES
TIN-REFLOWING MACHINES –*STRANDED WIRE* See MACHINES –*WIRE-PROCESSING*
TINSEL See WIRE –*TINSEL*

TITANATES

1. GRANULAR OR POWDERED 2. METALLIZED 3. MOLDED
CRYSTAL See CRYSTALS

Acoustica Associates, Inc., 1-2-3	10400 Aviation Blvd. Los Angeles 45	Cal
AMERICAN LAVA CORP., 2-3, Adv Pg 237	**Cherokee & Mlgrs Rd. Chattanooga 5**	**Tenn**
Barium & Chemicals, Inc., 1	Willoughby	Ohio
City Chemical Corp., 1	132 W. 22nd St, New York 11	NY
Delta Chemical Works, 1	21 W 60th St. New York	NY
du Pont de Nemours & Co. Inc., E. I., 1	Wilmington 98	Del
Frenchtown Porcelain Co., 2	Frenchtown	NJ
A.D. Mackay, Inc., 1	198 Broadway, New York 38	NY
Minn-Honeywell, Ceramics Lab., 2-3	Box 440, Minneapolis 40	Minn
Mullenbach Div., Electric Machinery Mfg. Co., 3	2100 E. 27 St, Los Angeles 58	Cal
NATIONAL LEAD CO., 1-2, Adv Pg 557	**111 Broadway, New York 6**	**NY**
Semi-Alloys Inc., 1	20 McQuesten Pkwy. N, Mt. Vernon	NY
Vacuum Technology Inc., 2	7933 Gloria Ave. Van Nuys	Cal
Var-Lac-Oid Chemical Co., 1	116 Broad St, New York 4	NY

TITANIUM

1. BARS & RODS 2. SHEETS TUBING See TUBING –*METALLIC*: WIRE See WIRE –*BARE*

Bram Metallurgical Chemical Co., 1-2	820 65 Ave, Philadelphia 26	Pa
Bridgeport Brass Co., 1-2	30 Grand St. Bridgeport	Conn
CRUCIBLE STEEL CO OF AMERICA, 1-2, Adv. Pgs. 160, 161	**Box 88, Pittsburgh 30**	**Pa**
du Pont de Nemours & Co., E.I., 1	Wilmington 98	Del
I. H. Mfg. Co., 1-3	121 Greene St. New York 12	NY
A.D. Mackay, Inc., 1-2	198 Broadway, New York 38	NY
NATIONAL LEAD CO., 1-2, Adv Pg 557	**111 Broadway, New York 6**	**NY**
Republic Steel Corp., 1	Republic Bldg. Cleveland 1	Ohio
Semi-Alloys Inc., 1-2	20 McQuesten Pkwy. N, Mt. Vernon	NY
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 1-2, Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
United Mineral & Chemical Corp., 1-2	16 Hudson St. New York 13	NY
United Technical Industries Inc., 2	5221 S Major St. Murray	Utah
Vacuum Technology Inc., 2	7933 Gloria Ave. Van Nuys	Cal
Var-Lac-Oid Chemical Co., 1-2	116 Broad St, New York 4	NY

TITANIUM CARBIDE

City Chemical Corp	132 W. 22nd St, New York 11	NY
Delta Chemical Works	21 W 60th St. New York	NY
Engineering Science Div Allen Metal Pdts Co	2611 S State St. Ann Arbor	Mich
Kennametal Inc	Lloyd Ave, Latrobe	Pa
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Norton Co	1 New Bond St. Worcester 6	Mass
Union Carbide Metals Co., Div., UCC	270 Park Ave, New York 17	NY
United Mineral & Chemical Corp	16 Hudson St. New York 13	NY
United Technical Industries Inc	5221 S Major St. Murray	Utah
Var-Lac-Oid Chemical Co	116 Broad St, New York 4	NY

TITRATION APPARATUS –*ELECTRONIC*

American Instrument Co., Inc	8030 Georgia Ave, Silver Spring	Md

TOGGLE BOLTS See BOLTS
TOGGLE SWITCHES See SWITCHES –*MANUAL*
TONE ARMS See PICKUP ARMS
TONE CONTROLS See POTENTIOMETERS
TONE OSCILLATORS –*AUDIO* See OSCILLATORS – A-F
TONE TELEGRAPH SYSTEMS See COMMUNICATION SYSTEMS
TOOLS –*CHASSIS-HOLDING* See FIXTURES

TOOLS –*CUTTERS (HOLE, GROOVE & SLIT, INCLUDING SAWS)*

Clauss Cutlery Co	Fremont	Ohio
G-C Electronics Co	400 S Wyman St. Rockford	Ill
General Hardware Mfg. Co. Inc	92 White St. New York 13	NY
Greenlee Tool Co	2136 12th St. Rockford	Ill
Kennametal Inc	Lloyd Ave, Latrobe	Pa
MacDonald & Co	714 E California Ave. Glendale 6	Cal
Modern Mfg. Co., Inc	680 Davisville Rd, Willow Grove	Pa
Shearcut Tool Co	7045 Darby Ave, Reseda	Cal
Snap-on Tools Corp	8129 28th Ave, Kenosha	Wis
Starrett Co., L. S.	165 Crescent St, Athol	Mass
Valdes Kohinoor, Inc	47-16 Austel Pl, Long Island City 1	NY
Walsco Electronics Mfg. Co	400 S Wyman St. Rockford	Ill
Whitney Metal Tool Co	725 Forbes St. Rockford	Ill

OLS – HAND OR MECHANICAL
TE: INCLUDES GRINDERS, MILLING CUTTERS, PLIERS, PUNCHES REAMERS, SCREWDRIVERS, TAPS, WRENCHES: WRENCHES, TORQUE, ETC.

re Co	1005 S 26th St. Milwaukee	Wis
mstrong Bros Tool Co	5200 W. Armstrong Ave, Chicago	Ill
auchaine & Sons Inc	Union Ave. Lakeport	NH
uno-New York Industries Corp	460 W 34th St. New York 1	NY
UCHANAN ELECTRICAL PRODUCTS CORP, Adv Pg 486	525 U. S. 22, Hillside	NJ
-Bilt Co	4314 W. Pico Blvd, Los Angeles 19	Cal
lauss Cutlery Co	Fremont	Ohio
mond Tool & Horseshoe Co	4702 Grand Ave. Duluth 6	Minn
rmel Mfg. Co	2330 11th St, Racine	Wisc
Specialized Tool Co	P. O. Box 424, Pico	Cal
-C Electronics Co	400 S Wyman St. Rockford	Ill
eneral Hardware Mfg. Co. Inc	82 White St. New York 13	NY
eenlee Tool Co	2136 12th St, Rockford	Ill
eli-Coil Corp	Shelter Rock Ln, Danbury	Conn
adow Inc., B	860 Broadway, New York 3	NY
Co	273 S. Fifth West St, Salt Lake City 1	Utah
lein & Sons, Mathias	7200 McCormick Rd, Chicago 45	Ill
rauter & Co., Inc	583 11 Ave, Newark 3	NJ
Mfg. Co., Inc	680 Glenside Rd, Willow Grove 11	Pa
oody Machine Products Co. Inc	36 Dudley St. Providence 5	RI
Industries	P.O. Box 661, Reseda	Cal
berg Bros	102 Landing Ave, Smithtown	NY
Tool Co	7045 Darby Ave, Reseda	Cal
Mfg. Co., H.B	22 Barney St, Battle Creek	Mich
ap-on Tools Corp	8128 28th Ave, Kenosha	Wisc
arrett Co., L. S	165 Crescent St, Athol	Mass
urtevant Co., P.A	Addison	Ill
SI Robodyne Div	12345 New Columbia Pike, Silver Spring	Md
TICA DROP FORGE & TOOL DIV. KELSEY-HAYES CO., Adv Pg 324	2415 Whitesboro St. Utica 4	NY
Products Co	317 E. Ontario, Chicago	Ill
Tool Co	1000 E 87 St. Cleveland 4	Ohio
Hohmeer, Inc	47-16 Austel Pl, Long Island City 1	NY
Electronics Mfg. Co	400 S Wyman St. Rockford	Ill
Products, Inc	5800 Northwest Hwy, Chicago 31	Ill
Metal Tool Co	725 Forbes St. Rockford	Ill
celite, Inc	28 Bank St, Orchard Park	NY

OOLS – PNEUMATIC ASSEMBLY

Co	3419 Glendale Blvd. Los Angeles 39	Cal
Air Tools Div. Reed Roller Bit Co	Box 2541, Houston	Tex
Denver Co	1 Front St, Quincy	Ill
Robodyne Div	12345 New Columbia Pike, Silver Spring	Md

OOLS – SOLDERING
1. ELECTRIC SOLDERING IRONS
2. PRINTED-CIRCUIT, SPECIAL TIPS
3. RESISTANCE SOLDERING TOOLS
4. SOLDERING POTS
5. SOLDERING TORCHES
6. ULTRASONIC SOLDERING IRONS

See Also MACHINES – SOLDERING

American Electrical Heater Co., 1-2	6110 Cass Ave, Detroit 2	Mich
Craig Labs, Inc., 1-4	41 Dunwood Rd, New Hyde Park	NY
Electron Electric Oscillator Div. Short Wave Plas Prec Co., 6	215 N Newport Blvd. Newport Beach	Cal
Radio Works, 3	85 Westville Ave, Caldwell	NJ
Machinery Corp., 4	Roberts Rd. Waltham 54	Mass
Inc., 3	Box 8, Hudson	NH
Electric Co., 4	1728 W Belmont Ave, Chicago 13	Ill
Engineering Co., 1	1568 S 1st St. Milwaukee 4	Wis
Electric Soldering Iron Co. Inc., 1-4	4 Elm St, Deep River	Conn
Electronic Cable Corp., 1	126 Jackson St. Cambridge 41	Mass
Electronic, Inc., 4	114 E. 40 St, New York 17	NY
Emmco Plastics Corp., 1	68 Vine St. Everett	Mass
Erikson Specialized Tool Co., 2-3	P. O. Box 424, Pico	Cal
ETCHOMATIC INC., 4, Adv Pg 520	182 Newton St. Waltham 54	Mass
Fedtro Inc., 2	Fed. Electr. Bldg. Rockville Centre	NY
GENERAL ELECTRIC CO. APPARATUS SALES, 1-2-3-4, Adv Pgs 8, 9	1 River Rd. Schenectady 5	NY
Electric Co., 1-2	134 N. Clay Ave, Roselle Park	NJ
Tool Co., 1	9951 Alburtis St. Santa Fe Springs	Cal
Industries, Inc., 1-3	5111 Park Ave, Sycamore	Ill
KAHLE ENGINEERING CO., 4 Adv Pg 98	3322 Hudson St. Union City	NJ
Mfg. Co., 1	3707 San Fernando Rd, Glendale 4	Cal
Mfg Co., 1-5	Box 324, Franklin	Ky
Electric Equipment Co., 3	P.O. Box 132, Toledo 1	Ohio
Michael, Inc., Claude, 1-3-4	703 N. Ivy St, Glendale 4	Cal
NATIONAL LEAD CO., 1, Adv Pg 557	111 Broadway, New York 6	NY
National Specialties Co. Inc., 1	1902 Howell St. Fort Wayne	Ind
NEWMAN CORP., M. M., 1-2, Adv. Pgs. 541, 543	79 Clifton Ave. Marblehead	Mass
Onyx Co., 1-4	13604 Ventura Blvd. Sherman Oaks	Cal
Co., 1-2	1729 W. Washington, Venice	Cal
Snap-On Tools Corp., 1	8128 – 28th Ave. Kenosha	Wis
Standard Tel. & Cables Ltd., 1-3	29 Glasshouse Yard, London	Eng
Electric Co., 4	21 N. Chestnut St, Ravenna	Ohio
Technicraft Co., 1	1156 Commonwealth Ave, Boston 34	Mass
Corp., 4-5	821 Park Ave, Sycamore	Ill
Ungar Electric Tools, Elec Div of Eldon Ind, Inc., 1-2	4101 Redwood Ave, Los Angeles 66	Cal
Vulcan Electric Co., 1-4	88 Holten St. Danvers	Mass
Electric, Inc., 4	770 Colfax Ave, Kenilworth	NJ
Wall Manufacturing Co., P., 1-2	Erie St, Grove City	Pa
WELLER ELECTRIC CORP., 1 Adv Pg 202	P.O. Box 345, Easton	Pa
Products, Inc., 1	5800 Northwest Hwy, Chicago 31	Ill
Co., Edwin L., 4	7606 Thomas Blvd. Pittsburgh 8	Pa

TOOLS – WIRE-STRIPPING See STRIPPERS

TOOLS – WIRE WRAPPING

Gardner-Denver Co	1 Front St, Quincy	Ill
Wire Stripper Div., Eraser Co	1068 S. Clinton St, Syracuse 4	NY
Torrington Co	59 Field St. Torrington	Conn

UTICA DROP FORGE & TOOL DIV. KELSEY-HAYES CO., Adv Pg 324	2415 Whitesboro St. Utica 4	NY
X-Acto Inc	48-41 Van Dam St. Long Island City 1	NY

TORCHES See MACHINES – METALLIZING, MOLTEN SPRAY (PLASMA TORCHES): TOOLS – SOLDERING
TOROIDAL CORES – LAMINATED See CORES – LAMINATED
TOROIDAL CORES – MOLDED See CORES – MOLDED MAGNETIC

TOROIDS

Arttad Co. Inc	367 Worthington St. Springfield 3	Mass
ATLAS ENGINEERING CO. INC., Adv Pg 108	10 Cheney St. Roxbury	Mass
BURNELL & CO. INC., Adv Pg 207	10 Pelham Pkwy. Pelham	NY
Components Corp	2855 N Halsted St. Chicago 14	Ill
CUSTOM COMPONENTS INC., Adv Pg 396	Box 248, Caldwell	NJ
DALE ELECTRONICS INC., Adv Pgs 120, 121	Box 488, Columbus	Neb
Dale Electronics Inc. Sioux Div	100 Douglas Ave. Yankton	SD
Daltronics Inc	110 Marion Ave, Providence 9	RI
DECOURSEY ENGINEERING LAB., Adv Pg 556	11828 W Jefferson Blvd. Culver City	Cal
Dresco Instruments	14737 Arminta St. Van Nuys	Cal
Double "E" Products Co	208 Standard St. El Segundo	Cal
ESC ELECTRONICS CORP., Adv Pg 203	534 Bergen Blvd. Palisades Park	NJ
El-Rad Mfg Co	4300 N California Ave. Chicago 18	Ill
Fairfield Controls Inc	114 Manhattan St. Stamford	Conn
Forbes & Wagner, Inc	345 Central Ave, Silver Creek	NY
FREED TRANSFORMER CO. INC., Adv Pg 524	1736 Weirfield St. Brooklyn 27	NY
Hinsonic, Inc	P.O. Box 534, Shawnee	Kan
Kurz & Root Co	Appleton	Wisc
Microsecond Electronics, Inc	3213 E. Washington, Phoenix	Ariz
MICROTRAN CO. INC., Adv Pg 553	145 E Mineola Ave. Valley Stream	NY
National Mobile Co. Inc	251 South St. Newark 5	NJ
ORTHO FILTER CORP., Adv Pg 206	7 Paterson St. Paterson 1	NJ
Osborne Transformer Corp	1034 Mitchell Ave. Detroit 7	Mich
OVITRON CORP., Adv Pg 540	42-62 Johnes St. Newburgh	NY
PCA ELECTRONICS INC., Adv Pg 208	16799 Schoenborn St. Sepulveda	Cal
Precision Inc	4748 France Ave N., Minneapolis	Minn
Rimak Electronics Inc	10929 Vanowen St. N Hollywood	Cal
Standard Tel. & Cables Ltd	29 Glasshouse Yard, London	Eng
Tuco Industries, Inc	5221 W. 102 St, Los Angeles 45	Cal
TOROCOIL CO., Adv Pg 551	1211 N Chestnut Ave. Arlington Heights	Ill
Toroidal Components Co	1374 E. Walnut St, Pasadena	Cal
Toroids Unlimited Inc	3030 Terrace St. Philadelphia 28	Pa
TOROTRON CORP., Adv Pg 234	256 E 3rd St. Mt Vernon	NY
TORWICO ELECTRONICS INC., Adv Pgs 491, 492	Route 70, Lakewood	NJ
Wells Electronics Co	1701 S Main St. South Bend 23	Ind

TOROID-WINDING MACHINES See MACHINES – COIL-WINDING
TORQUE CONTROLS See CONTROLS – TORQUE
TORQUE INDICATORS See INDICATORS – TORQUE
TORQUE RECORDERS See RECORDERS – TORQUE

TOTALIZERS – DIGITAL

Central Equipment Corp	19 Kearney Rd, Needham Heights 94	Mass
Di/An Controls, Inc	944 Dorchester Ave. Boston	Mass
ELECTRONICS PRODUCTS CORP., Adv Pgs 545, 546	4642 Belair Rd. Baltimore 6	Md
ERIE-PACIFIC DIV. ERIE RESISTOR CORP., Adv Pg 206	12932 S Weber Way, Hawthorne	Cal
Foxboro Co., The	Foxboro	Mass
NAVIGATION COMPUTER CORP., Adv Pg 511	Valley Forge Ind Park, Norristown	Pa

TOURMALINE CRYSTAL See CRYSTAL BLANKS: CRYSTALS – PIEZOELECTRIC: CRYSTAL UNITS – TOURMALINE
TOWER-BASE INSULATORS See INSULATORS – ANTENNA
TOWER-LIGHTING FILTERS See FILTERS
TOWER MOUNTS See MOUNTS – ANTENNA

TOWERS – ANTENNA

Aluminum Co of America	Alcoa Bldg, Pittsburgh 19	Pa
Antenna Products Co. Div. All Products Co	Box 110, Mineral Wells	Tex
ANTENNA SYSTEMS, INC., Adv Pg 428	Hingham Industrial Center, Hingham	Mass
Birdair Structures, Inc	1800 Broadway, Buffalo 12	NY
Blaine Electronetics, Inc	14757 Keswick St, Van Nuys	Cal
COSTELOW CO. INC., Adv Pg 512	121 Kansas Ave. Topeka	Kan
Craig Systems, Inc	360 Merrimack St, Lawrence	Mass
Dresser-Ideco Co	875 Michigan Ave, Columbus 8	Ohio
E-Z Way Towers, Inc	5901 E. Broadway, Tampa	Fla
I. E. Manufacturing	3041 Carroll, Chicago 12	Ill
Jontz Mfg. Co., Inc	1101 E. McKinley Ave, Mishawaka	Ind
KTV Tower & Communication Equip. Co	Box 294 Sullivan	Ill
Kline Iron & Steel Co	1225 Huger St, Columbia	SC
Marconi's Wireless Telegraph Co. Ltd	750 3rd Ave, New York 17	NY
Motorola Communications & Electronics, Inc	4501 Augusta Blvd. Chicago 51	Ill
Philco Corp., Gov't & Ind'l Div	4700 Wissahickon Ave, Philadelphia 44	Pa
Radio Corp. of America, Defense Electronic Prods.	Bldg. 15-2 Camden	NJ
ROHN MANUFACTURING CO., Adv Pg 117	Box 2000, Peoria	Ill
Rostan Corp	5601-59th St, Maspeth 78	NY
Spaulding Products Co	550 W. Barner St, Frankfort	Ind
Specialty Electronics Development Corp	115 Eileen Way, Syosset	NY
Stainless, Inc	3rd St, North Wales	Pa
Tabet Mfg. Co., Inc	1336 Ballentine Blvd, Norfolk	Va
Tower Construction Co	2700 Hawkeye Dr, Sioux City	Iowa
Vesto Co., Inc	20 & Clay, North Kansas City	Mo
WIND TURBINE CO., Adv Pg 388	E Market St. West Chester	Pa

TOWER SERVICES – INSTALLERS, ERECTORS & MAINTAINERS

ANTENNA SYSTEMS, INC., Adv Pg 428	Hingham Industrial Center, Hingham	Mass
COSTELOW CO. INC., Adv Pg 512	121 Kansas Ave. Topeka	Kan
Dresser-Ideco Co	875 Michigan Ave, Columbus 8	Ohio
Kline Iron & Steel Co	1225 Huger St, Columbia	SC
Philco Corp. Govt & Ind Div	4700 Wissahickon Ave. Phila 44	Pa
Radio Corp. of America, Defense Electronic Prods.	Bldg. 15-2 Camden	NJ
ROHN MANUFACTURING CO., Adv Pg 117	Box 2000, Peoria	Ill
Stainless, Inc	3rd St, North Wales	Pa
Tower Construction Co	2700 Hawkeye Dr, Sioux City	Iowa
WIND TURBINE CO., Adv Pg 388	E Market St. West Chester	Pa

TRACER CONTROLS See CONTROLS – CONTOURING

TRACERS – ELECTRON-TUBE CURVE

Baird-Atomic Inc	33 University Rd. Cambridge 38	Mass
Canadian Marconi Co	2444 Trenton Ave. Montreal	Que
Rank Cintel Ltd	Worsley Bridge Rd, London S.E. 26, England	
Research Inc	Box 6164, Edina Br. Mnpls 24	Minn

TRACERS – SIGNAL See TESTERS – SIGNAL-TRACING

TRACERS – TRANSISTOR CURVE

Baird-Atomic Inc	33 University Rd. Cambridge 38	Mass
Canadian Marconi Co	244 Trenton Ave. Montreal	Que
CURTISS WRIGHT CORP. INTERMTN. BR., Adv Pg 474	Box 8324, Albuquerque	NM
Research Inc	Box 6164, Edina Br. Mnpls 24	Minn

TRAFFIC CONTROLS See CONTROLS – TRAFFIC

TRAILERS & VANS – ELECTRONIC EQUIPMENT

Anton Electronic Labs Inc. Div. Lionel Corp	1226 Flushing Ave. Brooklyn 37	NY
Barker & Williamson Inc	Canal & Beaver Sts. Bristol	Pa
Cooper Development Corp	2626 S. Peck Rd, Monrovia	Cal
Craig Systems, Inc	360 Merrimack St, Lawrence	Mass
McDonnell Aircraft Co	Box 516, St Louis 66	Mo
POLARAD ELECTRONICS CORP Adv Pg 269-272	43-20 34 St. Long Island City 1	NY
Radio Engineering Labs. Inc	29-01 Borden Ave. Long Island City 1	NY
Reeves Instrument Corp	Roosevelt Field, Garden City	NY
York-Hoover Corp	York	Pa

TRAINERS See SIMULATORS

TRANSCEIVERS
1. AIRBORNE
2. CITIZENS' RADIO
3. LIFEBOAT
4. PORTABLE
5. UHF
6. VHF

Accurate Electronics Corp., 2	Box 935G, Elyria	Ohio
Admiral Corp., 1-4-5-6	3800 W Cortland St. Chicago 47	Ill
Aircraft Radio Corp., 1-4-5	Boonton	NJ
Allied Radio Corp., 2	100 N. Western Ave, Chicago 80	Ill
Applied Electronics Co., 2	213 E. Grand Ave, South San Francisco	Cal
Barker & Williamson Inc., 6	Canal & Beaver Sts. Bristol	Pa
Cadre Industries Corp., 2-4	P. O. Box 150, Endicott	NY
Canadian Aviation Electronics Ltd., 3-6	Box 2030, Montreal 9	P.Q.
Canadian Marconi Co., 1-3-5-6	2444 Trenton Ave. Montreal	Que
Cardion Electronics Inc., 1	55 Roosevelt St. Westbury	NY
Chance Vought Corp. Vought Electronics Div., 1	Box 1500, Arlington	Tex
Chisholm Industries Ltd., 4	Electronic St. Port Moody B. C.	Can
Clegg Laboratories, 6	Rt. 53, Mt. Tabor	NJ
Collins Radio Co., 1	5200 C Ave. NE, Cedar Rapids	Iowa
Dare, Inc., 1-6	Box 342, Troy	Ohio
Daystrom Inc. Military Elec. Div	Archbald	Pa
Designers for Industry, 1-4-5-6	4241 Fulton Pkwy, Cleveland 9	Ohio
Diamond Antenna & Microwave Corp., 2-4	River St, Winchester	Mass
Dixon Electronics Co., 2-4	13446 W McNichols Rd, Detroit	Mich
EMI-Cossor Electronics Ltd., 4-6	Box 585 Dartmouth NS	Can
Electro-Voice Inc., 2-4	Buchanan	Mich
ELECTRONIC PRODUCTS CORP., 3-4-5-6, Adv Pgs 545, 546	4642 Belair Rd. Baltimore 6	Md
General Dynamics Electronics, 1-3-5-6	100 Carlson Rd. Rochester 3	NY
Globe Electronics, Div. Textron Electronics, Inc., 2-4-6	22-30 S. 34th St., Council Bluffs	Iowa
Gonset Div. Young Spring & Wire Corp., 2-4-5	801 S Main St. Burbank	Cal
Granger Associates, 3-4-5-6	974 Commercial St. Palo Alto	Cal
HALLICRAFTERS CO., 1-2-5-6, Adv Pg 385	4401 W 5th St. Chicago 24	Ill
Heath Co. A Sub of Daystrom, Inc., 2-4-6	Benton Harbor	Mich
I.D.E.A., Inc., 2	7900 Pendleton Pike, Indianapolis 26	Ind
Intl. Tel. & Tel. Corp. Ind. Prods. Div., 6	15191 Bledsoe St. San Fernando	Cal
Johnson Co., E.F., 2	Waseca	Minn
Land-Air, Inc., 1-4-5	7444 W. Wilson Ave, Chicago 31	Ill
LEL INC., 1-5-6 Adv Pg 461	75 Akron St. Copiague	NY
Livingston Electronic Corp., 1-4-6	Livingston 3	NJ
Marconi's Wireless Telegraph Co., Ltd., 1-3-4-6	750 Third Ave, New York 17	NY
Martin Co., 4-5	Mail No G3007, Baltimore 3	Md
Miratel, Inc., 2	1 St. SE & Richardson, New Brighton 12	Minn
Morrow Radio Mfg. Co., 2-4	2794 Market St, Salem	Ore
Mullard Equipment, Ltd., 1	Torrington Pl. London WC 1	Eng
National Aeronautical Corp., 1-6	Commerce Dr. Fort Washington	Pa
National Electronics Labs., Inc., 5-6	1713 Kalorama Rd N.W., Washington 9	DC
OKI ELECTRIC INDUSTRY CO. LTD., 2-5-6, Adv Pg 257	10 Shiba Takahama-cho Minato-ku, Tokyo	Jap
PACKARD-BELL ELECTRONICS CORP. TECHNICAL PRODUCTS DIV., 1-5, Adv Pg 49	12333 W Olympic Blvd. Los Angeles 64	Cal
Pearce Simpson, Inc., 2	2295 NW 14th St, Miami 35	Fla
Philco Corp. Govt & Ind Div., 5-6	4700 Wissahickon Ave, Phila 44	Pa
Philips Electronics Ind. Ltd., 2-6	116 Vanderhoof Ave. Toronto 17	Ont
Philmore Mfg. Co., Inc., 2	130-01 Jamaica Ave, Richmond Hill 18	NY
Planetronics, Inc., 5-6	Easton	Pa
R S ELECTRONICS CORP., 1-4-5-6, Adv Pg 305	Box 11368, Sta A, Palo Alto	Cal
Radio Corp. of America, Defense Electronic Prods. 1-4-5-6	Bldg. 15-2 Camden	NJ
RADIO CORP. OF AMERICA, INDL ELECTRONIC PRODS., 2-3-4-5-6, Adv Pg 391	Front & Cooper, Camden	NJ
RAYTHEON CO. COMMER APPAR & SYSTEMS DIV., 2, Adv Pg 41	225 Crescent St. Waltham 54	Mass
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., 2, Adv Pg 37	411 Providence Tnpk. Westwood	Mass
Redifon Ltd., 4-5-6	Broomhill Rd. Wandsworth, London SW18	Eng
Rowe Industries, 2	1702 Wayne St, Toledo 9	Ohio
SEG ELECTRONICS CO. INC., 6, Adv Pg 529	12 Hinsdale St. Brooklyn 7	NY
Sonicor Div., Seismograph Service Corp., 2-4-6	6200 E. 41st St, P.O. Box 1590, Tulsa 1	Okla
SHINWA TSUSHINKI, K. K., 2-4, Adv Pg 260	943 4-chome Shimotakaido, Suginami-ku Tokyo	Jap
Sorensen Industrial Electronic Co., 1-2	Route 10, Dover	NJ
Space Electronics Corp., 1-6	930 Air Way, Glendale 1	Cal
Sparton Corp., 1-3-4-5-6	2400 E Ganson St, Jackson	Mich
Standard Tel. & Cables Ltd., 1-2-3-4-5-6	29 Glasshouse Yard, London	Eng
Superior Electronics Corp., 2-4	4-8 Radford Place, Yonkers	NY
Telechrome Mfg Corp., 4	315 Dixon Ave, Amityville	NY
Telephonics Corp., 4-5-6	Park Ave. Huntington	NY

Tope Industries, Inc., 1-6 ... 5221 W. 102 St, Los Angeles 45 ... Cal
Transitite Electronics Corp., 2 ... 5720 W. Armitage Ave, Chicago 39 ... Ill
Trans-Tel Corp., 2 ... 910 N. Orange Dr, Los Angeles 38 ... Cal
Vocaline Co of America, Inc., 7 ... Old Saybrook ... Conn
Westinghouse-Electronics Div., 4-5-6 ... Baltimore ... Md
Westinghouse-TV Radio Div., 2-4 ... Metuchen ... NJ
Zenith Radio Corp., 2 ... 6001 Dickens Ave, Chicago 39 ... Ill

TRANSCRIBING MACHINES See DICTATING MACHINES
TRANSCRIPTION PICKUPS See PICKUPS-PHONOGRAPH
TRANSDUCER CALIBRATORS See CALIBRATORS-TRANSDUCER
TRANSDUCER FLUIDS See FLUIDS

TRANSDUCERS
1. ACCELERATION
2. ANGULAR POSITION
3. DISPLACEMENT
4. ELECTROSTRICTIVE
5. FLOW
6. LEVEL-LIQUIDS OR SOLIDS
7. PHASE SHIFT
8. PRESSURE (INCLUDING LOAD CELLS)
9. TEMPERATURE
10. VELOCITY
See Also ACCELEROMETERS: CRYSTAL UNITS: GAGES: SCINTILLATORS: SONAR: ULTRASONIC EQUIPMENT

ACF Electronics Div., 10 ... Riverdale ... Md
Acoustic Electronics Corp., 1-3-5-7-8 ... Box 935G, Elyria ... Ohio
Acoustica Associates, Inc., 4-6 ... 10400 Aviation Blvd, Los Angeles 45 ... Cal
Adcon Div. Wayne-George Corp., 1-4 ... 588 Commonwealth Ave, Boston 15 ... Mass
Advance Instrument Corp., 8 ... F St, Delmar ... NJ
Aero Mechanism Inc., 1-8-10 ... 13866 Saticoy St, Van Nuys ... Cal
Aero Research Instrument Co., 8 ... 315 N Aberdeen St, Chicago 7 ... Ill
Aerospace Controls, 1-3-8 ... 602 Colorado Ave, Santa Monica ... Cal
Allegany Instrument Co. Div. Textron Electronics, Inc., 1-2-3-4-5-6-7-8-9-10 ... 1091 Wills Mountain, Cumberland ... Md
Alto Scientific Co. Inc., 9 ... 855 Commercial, Palo Alto ... Cal
American Measurement & Control Inc., 8 ... 248 Calvary St, Waltham 54 ... Mass
Armstrong Whitworth Equipment, 3-5-8 ... Hucclecote, Gloucester ... Eng
Arnoux Corp., 9 ... 11924 W. Washington Blvd, L.A. 66 ... Cal
Avco Div of Electro-Mechanical Research, Inc., 8 ... Box 44, Princeton ... NJ
Astronics Div. Mitchell Camera Corp., 8 ... 666 W Harvard, Glendale 4 ... Cal
Atlantic Research Corp., 4-8 ... Shirley Hwy at Edsall Rd, Alexandria ... Va
Automatic Timing & Controls, Inc., 3-5-6-8 ... King of Prussia ... Pa
Automation Dynamics Corp., 8-9 ... 255 County Rd. Tenafly ... NJ
Automation Industries, Inc., Datran Div., 4 ... 1836 Rosecrans Ave, Manhattan Beach ... Cal
Automation Products, Inc., 6 ... 3030 Max Roy St, Houston 24 ... Tex
Avien, Inc., 6-8-9 ... 58-15 Northern Blvd, Woodside 77 ... NY
B & F Instruments Inc., 1-8 ... 3644 N Lawrence St, Philadelphia 40 ... Pa
Baldwin-Lima-Hamilton Corp., 1-2-8 ... 42 4th Ave. Waltham 54 ... Mass
Beckman & Whitley, Inc., 9 ... 993 San Carlos Ave. San Carlos ... Cal
Bell Aerospace Corp., 1 ... Box 1, Buffalo 5 ... NY
BENDIX CORP. MONTROSE DIV., 2-8, Adv Pg 372 South Montrose ... Pa
Bergen Labs, Inc., 8 ... 60 Spruce St, Paterson 1 ... NJ
Block Associates, Inc., 3-5-10 ... 385 Putnam Ave. Cambridge 39 ... Mass
Bourns Inc., 1-3-5-8 ... 6135 Magnolia Ave, Riverside ... Cal
Branson Instruments Inc., 4-5-6 ... 37 Brown House Rd, Stamford ... Conn
Bruel & Kjaer, 1 ... Lindsolle 23, Naerum, Denmark
BRUSH INSTRUMENTS DIV. OF CLEVITE CORP., 2-3
Adv Pgs 144, 145 ... 37th & Perkins, Cleveland 14 ... Ohio
Burton Instruments, Div Burton Mfg., 1-8 ... 2580 Colorado Ave, Santa Monica ... Cal
Bytrex Corp., 8 ... 50 Hunt St, Newton ... Mass
Century Electronics & Instruments, Inc., 8 ... 1333 N Utica Ave, Tulsa 10 ... Okla
Channel Industries, Inc., 4 ... 477 Olive St, Santa Barbara ... Cal
Chesapeake Instrument Corp., 8 ... 100 Atwell Rd, Shadyside ... Md
Clark Electronic Labs, 7-8 ... Box 165, Palm Springs ... Cal
Collins Corp., G. L., 3-10 ... 2820 E Hullet St, Long Beach 5 ... Cal
Colvin Labs, Inc., 3-8 ... 364 Glenwood Ave. East Orange ... NJ
COMPUTER INSTRUMENTS CORP., 2-3-8,
Adv Pg 373 ... 92 Madison Ave. Hempstead ... NY
Consolidated Controls Corp., 8 ... 6 Durant Ave. Bethel ... Conn
Consolidated Controls Corp., 5-8 ... Box 3308, Albuquerque ... NM
Consolidated Electrodynamics Corp., 1-3-8-10 ... 360 N. Sierra Madre Villa, Pasadena ... Cal
Control Data Corp., Cedar Engr. Div., 1-2 ... 501 Park Ave, Minneapolis 15 ... Minn
Crescent Engineering & Research Co., 2-3-7-8-9-10 ... 5440 N Peck Rd, El Monte ... Cal
Crystal Research Inc., 8 ... 42 Concord Ln, Cambridge ... Mass
CURTISS-WRIGHT CORP. PRINCETON DIV., 4,
Adv Pgs 382, 426, 494 ... Princeton ... NJ
DX Radio Products Co., Inc., 8 ... 2300 Armitage Ave, Chicago 47 ... Ill
Daystrom Inc. Weston Instruments Div., 9 ... 614 Frelinghuysen Ave. Newark 12 ... NJ
Daystrom-Wiancko Eng Co., 1-7-8 ... 255 N Halstead Ave, Pasadena ... Cal
Daytronic Corp., 3 ... 223-227 S Jefferson St, Dayton ... Ohio
Decker Corp., 3-8 ... 45 Monument Rd, Bala Cynwyd ... Pa
DeJUR-AMSCO CORP., 1-2-3-5-6-7-8-9-10,
Adv Pg 369 ... Northern Blvd. at 45th St. L I City 1 ... NY
DEL ELECTRONIC CORP., 2, Adv Pg 421 ... 521 Homestead Ave. Mt Vernon ... NY
Dielectric Products Engrg Co. Inc., 7 ... Raymond ... Me
Digitac Corp., 2-10 ... 5300 Brittmoore Rd. Houston 27 ... Tex
Dillon & Co. Inc., W.C. ... 14620 Keswick St, Van Nuys ... Cal
Donner Scientific Co., 1-10 ... 888 Galindo St, Concord ... Cal
Dynisco Corp., 3-3 ... 49 Walnut St, Wellesley 81 ... Mass
DYNA-EMPIRE INC., 8, Adv Pg 514 ... 1075 Stewart Ave. Garden City ... NY
Dynamics Research Corp., 2 ... 38 Montvale Ave, Stoneham ... Mass
EMI-Cossor Electronics Ltd, 2 ... Box 505 Dartmouth NS ... Can
ECLIPSE PIONEER DIV. BENDIX CORP., 2-7,
Adv Pgs 354, 355 ... Teterboro ... NJ
Edcliff Instruments, 1-3-8 ... 2711 S Mountain Ave, Monrovia ... Cal
Edison Ind. Thos A Instr Div
McGraw-Edison Co., 8-9 ... 81 Lakeside Ave, W Orange ... NJ
Electric Regulator Corp., 3 ... Pearl St, Norwalk ... Conn
Electro-Ceramics, Inc., 1-2-4-8 ... 2645 S 2nd W, Salt Lake City 15 ... Utah
Electro-Mechanical Research, Inc., 8 ... Box 3041, Sarasota ... Fla
Electro Products Labs, Inc., Transducer Div., 3-9-10 ... 4501 N Ravenswood, Chicago 40 ... Ill
Electron Chem Inc., 4 ... Box 9537, Solon ... Ohio
Electronic Controls Inc., 1 ... 10 Stanford Ave. Stamford ... Conn
Electroweld, Inc., 9 ... 2351 Alhambra Way, Sacramento 15 ... Cal
ENDEVCO CORP., 8, Adv Pg 465 ... 161 E California Blvd. Pasadena ... Cal
ERIE RESISTOR CORP., 8, Adv Pgs 200, 281 ... 644 W 12th St. Erie 6 ... Pa
Evershed & Vignoles Ltd., 5-6-8 ... Chiswick, London W 4 ... Eng
Fairchild Controls Corp., 1-2-3-5-6-8-10 ... 225 Park Ave. Hicksville ... NY
Foxboro Co., The, 2-5-8-9 ... Foxboro ... Mass
GPE Controls, Inc., 5-6-8-10 ... 240 E. Ontario St, Chicago 11 ... Ill
Garrett Corp., The 1-8 ... 9851 Sepulveda Blvd, Los Angeles 45 ... Cal

GENERAL ELECTRIC CO. APPARATUS SALES, 1-2-6-7,
Adv Pgs 8, 9 ... 1 River Rd. Schenectady 5 ... NY
General Instrument Corp. Harris Transducer Div., 1-4 ... Woodbury ... Conn
Genisco, Inc., 1-8 ... 2233 Federal Ave, Los Angeles 64 ... Cal
Geotechnical Corp., 1-3 ... 3401 Shiloh Rd, Garland ... Tex
Geotronic Labs, Inc., 3 ... 1314 Cedar Hill Ave, Dallas 8 ... Tex
Giannini Controls Corp., 1-2-3-8-9-10 ... 1600 S Mountain Ave, Duarte ... Cal
Gulton Industries, Inc., 1-5 ... 212 Durham Ave. Metuchen ... NJ
HAMLIN, INC., 2-6, Adv Pg 541 ... Lake & Grove Sts. Lake Mills ... Wis
Hesco Engineering Co., 9 ... 322 E. Beach Ave, Inglewood 3 ... Cal
Hidyne Instrument & Engrg Co., 8 ... Box 257, 309 S Anderson, Tullahoma ... Tenn
Houston Fearless Corp., 8 ... 9107 Wilshire Blvd, Beverly Hills ... Cal
I-L-S Instrument Div., Mason Instrument Co. 10 ... 4525 W. 160th St, Cleveland 35 ... Ohio
Illinois Testing Labs., Inc., 9-10 ... 420 N. LaSalle St, Chicago 10 ... Ill
Industrial Nucleonics Corp., 6 ... 650 Ackerman Rd. Columbus ... Ohio
Instrol, Inc., 1-2-3-6-8 ... 135 E. Dela Guerra, Santa Barbara ... Cal
International Resistance Co., 3-8 ... 401 N. Broad St, Philadelphia ... Pa
KEARFOTT DIV. GEN PRECISION INC., 1-2-7,
Adv Pg 394 ... Little Falls ... NJ
Kistler Instrument Corp., 1-8 ... 15 Webster St, North Tonawanda ... NY
Kollsman Instrument Corp Sub Standard Kollsman Ind Inc., 1-2-8-10 ... 80-08 45th Ave. Elmhurst 73 ... NY
Leeds & Northrup Co., 9 ... 4970 Stenton Ave, Philadelphia 44 ... Pa
Life Instrument Co. Inc., 3 ... 100 Brook St, Franklin ... Mass
Ling Electronics Div. Ling-Temco Electronics, Inc., 1-3-10 ... 1515 S Manchester Ave. Anaheim ... Cal
Liquidometer Corp., 2-6 ... 41-03 36th St, Long Island City 1 ... NY
Lockheed Electronics Corp. Avionics & Ind Prods Div., 3 ... Randolph St. Los Angeles 22 ... Cal
Lumen, Inc., 3-8-9-10 ... Box 301, Joliet ... Ill
McIntosh Co., J. R. C., 6-9 ... Box 296, El Dorado ... Cal
Magnetic Instrument Co. Inc., 6 ... 637 Commerce St, Thornwood ... NY
MASSA DIV. COHU ELECTRONICS, INC., 1-8
Adv Pgs 442, 443 ... 280 Lincoln St, Hingham ... Mass
Materlog Corp., 1-8 ... 169 N. Halstead St, Pasadena ... Cal
Micradot, Inc., 8-9 ... 220 Pasadena Ave. South Pasadena ... Cal
Micrometrical Mfg Co., 3-10 ... Box 1067, Ann Arbor ... Mich
MICROWAVE CORP. OF AMERICA, 3-4-6-8-9-10,
Adv Pg 462 ... Box 278, Stanford ... Conn
Miniatron Corp., 3-10 ... 14 Clinton Pl. Belle Mead ... NJ
Minco Products, Inc., 9 ... 740 Washington Ave, N., Minneapolis 1 ... Minn
Minn-Honeywell, Appar Controls Div., 3 ... 2753 4th Ave. S, Minneapolis 8 ... Minn
MINN-HONEYWELL, BOSTON DIV., 1-2,
Adv Pg 67 ... 1400 Soldiers Field Rd. Boston 35 ... Mass
Minn-Honeywell, Ceramics Lab., 1-2-3-4-5-6-7-8-9-10 ... Box 441, Minneapolis 40 ... Minn
Minn-Honeywell, Military Prods Gr., 1 ... 2600 Ridgway Rd, Minneapolis 13 ... Minn
Muirhead Div., Electric Machinery Mfg. Co., 4 ... 2100 E. 19 St, Los Angeles 58 ... Cal
Nacimco Products, Inc., 9 ... 3290 Moreno Blvd, San Diego ... Cal
Narda Ultrasonics Corp., 6-10 ... 200 Michael Dr, Syosset 1 ... NY
National Ultrasonic Corp., 4 ... 95 Park Ave, Nutley 10 ... NJ
New London Instrument Co., 1-3-8-9 ... 82 Union St, New London ... Conn
Olympic Radio & TV Div. Siegler Corp., 5 ... 34-01 38 Ave. Long Island City 1 ... NY
Pace Engineering Co., 1-8 ... 13035 Saticoy St. North Hollywood ... Cal
Pacific Mercury Electronics, 5 ... 8345 Hayvenhurst Ave, Sepulveda ... Cal
Photocon Research Products, 3-8 ... 421 N. Altadena Dr, Pasadena ... Cal
Pickering & Co. Inc., 2-3 ... Sunnyside Blvd. Plainview ... NY
Pioneer Central Div. Bendix Corp., 6 ... Davenport ... Iowa
Polyphase Instrument Co., 8 ... E 4th St, Bridgeport ... Pa
Potter Aeronautical Corp., 5 ... Route 22, Union ... NJ
Power-Tronic Systems, Inc., 1-2-3-10 ... 10-12 Pine Ct. New Rochelle ... NY
RdF Corp., 9 ... Hudson ... NH
Radio Dev. & Research Corp., 6 ... 100 Prema. Ave. Paterson 3 ... NJ
Raytheon Co. Ind Components Div., 1 ... 55 Chapel St, Newton 58 ... Mass
Research, Inc., 3 ... P.O. Box 6164, Edina Br, Minnpls 24 ... Minn
Revere Corp. of America Sub Neptune Meter Co., 5-8 ... Wallingford 2 ... Conn
Rosemount Engineering Co., 8-9 ... 4900 W 78 St, Minneapolis 24 ... Minn
Robinson Co., 2-3 ... 1501 Colorado Ave, Santa Monica ... Cal
S-E Labs, Ltd., 1-2-3-5-8 ... 676 N Feltham Est, Feltham Middsx ... Eng
SANDERS ASSOCIATES INC., 1, Adv Pg 380 ... 95 Canal St. Nashua ... NH
Servomechanisms/Inc., 1-6-8-9 ... 200 N Aviation Blvd, El Segundo ... Cal
Servonic Instruments, Inc., 3-8 ... 1644 Whittier Ave, Costa Mesa ... Cal
Servotronics, Inc., 1 ... 190 Gruner Rd, Buffalo 25 ... NY
SHAPIRO & EDWARDS, 5-10, Adv Pg 512 ... 1130 Mission St. South Pasadena ... Cal
Shaw Instrument Corp., 9 ... Box C-46, Latrobe ... Pa
Sigma Electronics Research Corp., 8 ... 1719 Airport Blvd, Seattle 8 ... Wash
Smith Mfg Co., E. C., 9 ... Forrest & Hector Sts, Conshohocken ... Pa
Solar Mfg. Corp., 1-6 ... 4553 Seville Ave, Los Angeles 58 ... Cal
Solartron, Inc., 8 ... 1742 E. Zeyn St, Anaheim ... Cal
SOLID STATE ELECTRONICS CO., 8
Adv Pg 238 ... Dept E 15321 Rayen St. Sepulveda ... Cal
Southern Instruments, Ltd., 1-3-8 ... Frimley Rd, Camberley, Surrey, England
Specialties, Inc., 8-10 ... Skunks Misery Rd, Syosset ... NY
Spectrol Electronics Corp., 1-2-3-10 ... 1704 S Del Mar, San Gabriel ... Cal
Standard Controls, Inc., 5-8 ... 1130 Poplar Pl, Seattle 44 ... Wash
Statham Instruments Inc., 1-3-8 ... 12401 W Olympic Blvd, Los Angeles 64 ... Cal
Subminiature Instruments Corp., 2 ... 2375 Kansas Ave, Riverside ... Cal
Summers & Mills Inc., 4-8-10 ... 911 S Commerce, Dallas 8 ... Tex
Taber Instrument Corp., 8-9 ... 107 Goundry St, North Tonawanda ... NY
Tang Industries Inc., 1-2-3-5-8-10 ... 470 Main St, Waltham 54 ... Mass
Taylor Instrument Cos., 8-9 ... 95 Ames St, Rochester ... NY
TECHNOLOGY INSTRUMENT CORP., 3,
Adv Pgs 83, 86 ... 533 Main St. Acton ... Mass
Tektronix Instrument Co., 9 ... 3525 NW Cornell Rd, Hillsboro ... Ore
Telco Inc., 3-8 ... 47 Rue De La Div. Leclerc, Gentilly ... Fr
Telectrome Mfg Corp., 2-7-8-9 ... 195 Dixon Ave, Amityville ... NY
Ten Broeck, Inc., M., 9 ... 82 Wheeler Ave, Pleasantville ... NY
Texas Instruments Incorporated, Apparatus Div. Ind Prods Div., 6 ... 1909 Buffalo Speedway, Houston 6 ... Tex
Thermo Electric Co. Inc., 9 ... 109 5th St, Saddle Brook ... NJ
Theta Instrument Corp., 3-7 ... 520 Victor St, Saddle Brook ... NJ
Topp Industries, Inc., 1-2-8-9 ... 5221 W. 102 St, Los Angeles 45 ... Cal
Transonic Inc., 1-2-3-4-5-6-8 ... 800 10th St, Bakersfield ... Cal
Trans-Sonics, Inc., 1-5-8-9 ... Box 328, Lexington 73 ... Mass
Ultrasonic Systems Inc., 4-6 ... 2755 S Compton Ave, Los Angeles 64 ... Cal
UNHOLTZ-DICKIE CORP Adv Pg 363 ... 2994 Whitney Ave. Hamden 18 ... Conn
United Aerotronics Corp., 1-3-5-8 ... Box 238, Burlington ... NJ
United Control Corp., 1-2-6-9 ... Overlake Ind Pk, Box 3354, Seattle ... Wash

U.S. Science Corp., 2-5-10 ... 5221 W. 102nd St, Los Angeles 45 ... Cal
Vapor Heating Corp., 9 ... 80 E Jackson Blvd, Chicago 4 ... Ill
Weber Electronics, Inc., 10 ... Hancock & Somerset, Philadelphia 33 ... Pa
Waltham Electronics Corp., 1-3-8-9 ... 751 Main St, Waltham 54 ... Mass
Wayne Kerr Corp., 1-3-8 ... 1633 Race St, Philadelphia 3 ... Pa
Wells Industries Corp., 3 ... 6880 Troost Ave, Hollywood ... Cal
West Coast Research Corp., 2-3-5-8-9-10 ... 2102 S Sepulveda Blvd, Los Angeles ... Cal
White Avionics Corp., 1-8 ... Terminal Rd, Plainview ... NY
Whittaker Gyro Div. Telecomputing Corp., 1-2-10 ... 16217 Lindbergh St, Van Nuys ... Cal

TRANSDUCTORS See REACTORS-SATURABLE
TRANSFORMER BOBBINS See BOBBINS
TRANSFORMER HOUSINGS See HOUSINGS-IRON-CORE TRANSFORMER
TRANSFORMER LAMINATIONS See LAMINATIONS

TRANSFORMERS-AIR-CORE & POWDERED-IRON-CORE
1. ETCHED-WINDING
2. HIGH-VOLTAGE POWER SUPPLY
3. PRINTED-CIRCUIT TERMINALS
4. PULSE, HIGH-FREQUENCY
5. R-F & I-F
6. R-F ANTENNA MATCHING
7. TV IMPEDANCE-MATCHING

AC Electronics, Inc., 2-3-5-6 ... 11725 Mississippi Ave, Los Angeles 25 ... Cal
ACDC ELECTRONICS, INC., 2-3-4-5-6,
Adv Pg 182 ... 2979 N Ontario St. Burbank ... Cal
Aero Coil & Electronics Co., 2-3-5 ... 312 Lincoln Hwy, Metuchen ... NJ
ACME ELECTRIC CORP., 2, Adv Pg 173 ... Water St. Cuba ... NY
Aladdin Electronics Div Aladdin Industries Inc., 4-5 ... 711 Murfreesboro Rd, Nashville 10 ... Tenn
Alloa Avionics Inc., 3-4-5-6-7 ... 256 E 2nd St, Mineola ... NY
Allied Circuit Techniques, Ltd., 1-3 ... 79 Brock St N., Oakville, Ontario, Canada
Antenna Products Co. Div. All Products Co., 6 ... Box 110, Mineral Wells ... Tex
Applied Components Inc., 3-5-6 ... 404 E Beach Ave, Inglewood 3 ... Cal
ARNOLD MAGNETICS CORP., 3-4, Adv Pg 48 ... 6050 W Jefferson Blvd. Los Angeles 16 ... Cal
Artted Co. Inc., 4-5-5 ... 357 Worthington St, Springfield 3 ... Mass
ASSOCIATED RESEARCH, INC., 2, Adv Pg 218 ... 3788 W Belmont Ave. Chicago 18 ... Ill
Atlas Coil Inc., 2-4-5-6 ... 63 Main St, Ansonia ... Conn
ATLAS ENGINEERING CO. INC., 2-4,
Adv Pg 188 ... 10 Cheney St. Roxbury ... Mass
Atlee Corp. Monitor Controller Corp., 2 ... 99 Grove St, Rockland ... Mass
Avco Corp. Electronics & Ordnance Div., 3-7 ... Box 116, Cincinnati 15 ... Ohio
Ballantine, Dix, Tellex, Inc., 2-3-4 ... 1701 N. Calhoun St, Ft. Wayne 7 ... Ind
Barker & Williamson, 5-6 ... Canal & Beaver Sts, Bristol ... Pa
Basler Electric Co., Magnetic Components, 2-3 ... Box 269, Highland ... Ill
Bayly Engineering Ltd., 3-4 ... Hunt St, Ajax, Ont ... Can
Bellaire Electronics, Inc., 5 ... 62 White St, Red Bank ... NJ
Bel-Tronics Corp., 5 ... 344 Interstate Rd, Addison ... Ill
Benco Television Associates, Ltd., 6-7 ... 27 Taber Rd, Rexdale, Ont ... Can
Bittermann Electric Co. Inc., 4-5 ... Box 607, Canaan ... Conn
BULOVA WATCH CO. INC. ELECTRONICS DIV., 4-5-6,
Adv Pg 427 ... 61-10 Woodside Ave. Woodside 77 ... NY
Burnac Electronics Co. Inc., 4 ... 1401 Long Beach Rd, Rockville Center ... NY
Bush Transformer Corp., 2-3-4 ... 707 North St, Endicott ... NY
Caddell Burns Mfg. Co., Inc., 3-5-6 ... 40 E 2nd St, Mineola ... NY
Caledonia Electronics & Transformer Corp., 2-3-4 ... Caledonia ... NY
California Magnetic Control Corp., 2-3-4-5-6 ... 11922 Valerio St, North Hollywood ... Cal
Calmag Div. Calif. Magnetic Ctrl. Corp., 2-3-4 ... 11922 Valerio St, N Hollywood ... Cal
Cambridge Thermionic Corp., 3-5 ... 445 Concord Ave, Cambridge 38 ... Mass
Campbell Co. Inc., Colin, 4 ... Mary Brook Rd, Danbury ... Conn
Canadian Marconi Co., 5-6 ... 2444 Trenton Ave. Montreal ... Que
Carad Corp., 2-4-5 ... 3391 Jumpero Serra Blvd, Palo Alto ... Cal
CELCO CONSTANTINE ENGRG LABS CO., 2,
Adv Pg 45 ... Box 555, Mahwah ... NJ
Central Transformer Co., 2-3 ... 500 W Jackson Blvd, Chicago ... Ill
Chicago Telephone of Cal. Inc., 2-5 ... 1010 Sycamore Ave, South Pasadena ... Cal
Coast Coil Co., 3 ... 5903 W. Washington Blvd, Los Angeles ... Cal
Coilcraft Inc., 4-5-6-7 ... Cary ... Ill
COLUMBIA TECHNICAL CORP., 5-6,
Adv Pg 441 ... 24-30 Bklyn-Qns. Exp W, Woodside 77 ... NY
Command Systems Inc., 2 ... 1135 N Stanford Ave. Los Angeles 58 ... Cal
COMMUNICATION ACCESSORIES CO., 3,
Adv Pg 79 ... Hwy. 50 & 71 By Pass, Lee's Summit ... Mo
Conrad-Carson Electronics Inc., 2-3-5 ... 1437 Broadway, El Cajon ... Cal
Cornwell Electronics Corp., 2 ... 84 S. Water St, Byram ... Conn
CORSON ELECTRIC MFG CORP., 4,
Adv Pg 412 ... 540 39th St. Union City ... NJ
Cycle Transformer Corp., 2-4 ... 154 Glenwood Ave, East Orange ... NJ
DX Radio Products Co., Inc., 2-4-5 ... 2300 Armitage Ave, Chicago 47 ... Ill
DALE ELECTRONICS INC., 3-5-6-7,
Adv Pgs 120, 121 ... Box 488, Columbus ... Neb
Delta Coils, Inc., 5-6-7 ... 1128 Madison Ave. Paterson 3 ... NJ
Developmental Electronics Corp., 8 ... 4015 S. Broadway, Los Angeles ... Cal
DIETZ DESIGN, INC., 1-2-3-4-5-6, Adv Pg 226 Grandview 6 ... Mo
Djaco Div. Djordjevic Eng. Co., 2 ... 1933 N Damen, Chicago 47 ... Ill
Dresser Electronics, HST Div., 2-3-4 ... 555 N 5th St, Garland ... Tex
Durwell Mfg. Corp., 5 ... 159-161 Ft. Lee Rd, Teaneck ... NJ
EMP Electronics Research Labs, Inc., 4 ... 3131 N 29th Ave, Phoenix ... Ariz
ESC ELECTRONICS CORP., 7, Adv Pg 203 ... 534 Bergen Blvd. Palisades Park ... NJ
Electran Mfg. Co., 2 ... 1909 N. Clybourn, Chicago ... Ill
Electro-Winders Co., Inc., 2-3-4-5-6-7 ... 854 N. Front St, Covina ... Cal
El-Rad Mfg Co., 2-3-4-5-6 ... 4300 N California Ave, Chicago 18 ... Ill
Epsco Inc. Components Div., 3-4 ... 275 Massachusetts Ave, Cambridge 39 ... Mass
ERIE RESISTOR CORP., 4, Adv Pgs 200, 281 ... 644 W 12th St. Erie 6 ... Pa
ESSEX ELECTRONICS, DIV. NYTRONICS, INC.,
5, Adv. Pgs. 210, 211 ... 550 Springfield Ave. Berkeley Heights ... NJ
Ferro-Magnetics Co., 4-5 ... 988 Commercial St, Palo Alto ... Cal
Forbes & Wagner, Inc., 4 ... 345 Central Ave, Silver Creek ... NY
FREED TRANSFORMER CO. INC., 2-3-4,
Adv Pg 524 ... 1736 Weirfield St. Brooklyn 27 ... NY
Fugle-Miller Laboratories, Inc., 2-5-6 ... 301 Central Ave, Clark ... NJ
General Coil Products Corp., 3-5-6-7 ... 147-12 Liberty Ave, Jamaica 35 ... NY
GENERAL ELECTRIC CO. APPARATUS SALES, 2-3-4,
Adv Pgs 8, 9 ... 1 River Rd. Schenectady 5 ... NY
General Instrument of Canada Ltd., 5 ... 151 Weber St. S, Waterloo ... Ont
General Instrument Corp. Automatic Mfg Div., 6 ... 65 Gouverneur St. Newark 4 ... NJ
GENERAL MAGNETICS, INC., 2-3-4-5,
Adv Pg 543 ... Dept B, 2641 Louisiana Ave. Minpls 26 ... Minn
Genistron Inc., 4 ... 6320 W Arizona Circle, Los Angeles 45 ... Cal
Geotronic Labs. Inc., 2 ... 1314 Cedar Hill Ave. Dallas 8 ... Tex
Globe Electronics, Div. Textron Electronics, Inc., 3-5-6-7 ... 22-30 S 34th St, Council Bluffs ... Iowa
Granger Associates, 5 ... 974 Commercial St, Palo Alto ... Cal

Hammond Mfg Co. Ltd., 2-3-4	Guelph	Ont
Hindle Transformer Co. Inc., 2	Woods Church Rd. Flemington	NJ
Hisonic, Inc., 3-5	P.O. Box 534, Shawnee	Kan
I. H. Mfg. Co., 7	121 Greene St. New York 12	NY
Industrial Transformer Co., 2-3-4-7	Box 656, West Caldwell	NJ
JFD ELECTRONICS CORP., 4-5-6-7, Adv Pgs 406, 407	**6101 16th Ave. Brooklyn 4**	**NY**
James Electronics Inc., 3	4050 N. Rockwell St. Chicago 18	Ill
Johnson Electronics Inc., 3-4-5-6	Box 1675, Casselberry	Fla
K-V Transformer Corp., 2-4	20 E. Franklin St. Danbury	Conn
Keystone Products Co., 3-4	904-6 23 St. Union City	NJ
Laboratoire Ind. de Physique Appl., 5	67 Rue MA Colombier, Bagnolet Seine	Fr
Laboratory For Electronics, Inc., 2-4-5-6	1079 Commonwealth Ave. Boston 15	Mass
Lindberg Engineering Co., 2	2450 W Hubbard St. Chicago	Ill
Linell Engineering Corp., 5-6	3974 N. Avondale, Chicago 41	Ill
Lumen, Inc., 2	Box 905, Joliet	Ill
Luther Electronic Mfg. Co., 4	5724 W. Washington Blvd, Los Angeles 16	Cal
McGregor Electronic Industries, 3-4-5-7	McGregor	Iowa
Magnalectric Corp., 2-3-4-5-6-7	Box 5038, Tulsa	Okla
Malco Mfg. Co., 3	4023 W. Lake St. Chicago 24	Ill
Marconi's Wireless Telegraph Co. Ltd., 6	750 3rd Ave. New York 17	NY
MATSUSHITA ELECTRIC, Adv Pg 255	**Box 288, Osaka Central, Tokyo**	**Jap**
Maury & Associates, 6	10373 Mills Ave. Montclair	Cal
Merit Coil & Transformer Corp., 2-3-4-5-6-7	2027 Sherman St. Hollywood	Fla
Metropolitan Telecommunications Corp., 2-3-5-6	Ames Ct. Plainview	NY
Microdot, Inc., 2-4	220 Pasadena Ave. South Pasadena	Cal
Microsound Electronics, Inc., 4	3217 E. Washington, Phoenix	Ariz
Millen Mfg. Co., James, 5	150 Exchange St. Malden	Mass
Miller Co., J.W., 2-3-5-6-7	5917 S Main St. Los Angeles 3	Cal
MITSUMI ELECTRIC CO. LTD., 5, Adv Pg 266	**1056-1 Kodachi, Komae-cho Kitatama-gun, Tokyo**	**Jap**
Mosley Electronics, Inc., 7	4610 N. Lindbergh, Bridgeton	Mo
MURATA MFG. CO. LTD., Adv Pg 256	**Nagaoka-cho, Kyoto**	**Jap**
Muter Co., 5	1255 S. Michigan, Chicago 5	Ill
National Coil Co., 3-5	P.O. Box 1237, Sheridan	Wyo
New England Transformer Co., 4-5-6-7	47 McGrath Hwy. Somerville	Mass
New York Coil Co., Inc., 2-3-4-5	Phoenixville 12	Pa
NORTH HILLS ELECTRONICS INC., 4-5-6	**Glen Cove**	**NY**
Adv Pg 505		
Nothelfer Winding Labs., Inc., 2-4	P.O. Box 455, Trenton 3	NJ
Oaktron Electric Co., 3-5-6	Tinley Park	Ill
OVITRON CORP., 2-4-5-6-7, Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
PCA ELECTRONICS INC., 4, Adv Pg 208	**16799 Schoenborn St. Sepulveda**	**Cal**
Perkin Electronics Corp., 7	345 Kansas St. El Segundo	Cal
Pioneer Central Div. Bendix Corp., 4	Davenport	Iowa
PRECISE MEASUREMENTS CO., 2 Adv Pg 322	**R.D.1, Millbrooks, Flemington**	**NJ**
Prototype Transformer Corp., 2-4	1 Henry St. Bloomfield	NJ
Pulse Engineering Inc., 3-4	560 Robert Ave. Santa Clara	Cal
Radio Engineering Labs. Inc., 2-5	29-01 Borden Ave. Long Island City 1	NY
Radio Industries, Inc., 3-5	665 Garland Pl, Des Plaines	Ill
Ram Electronics, Inc., 2-4-5-6	600 Industrial Ave, Paramus	NJ
Rapper, Inc., 2-5	7800 W. Addison St. Chicago	Ill
RAYTHEON CO. MICROWAVE & POWER TUBE DIV., 2-3-4, Adv Pgs 38, 39	**Spencer Lab Wayside Ave. Burlington**	**Mass**
REDMAN ELECTRONICS CORP., 4-5-6, Adv Pg 432	**Box 72, Thompsonville**	**Conn**
Rego Insulated Wire Co., 7	830 Monroe St. Hoboken	NJ
RIXON ELECTRONICS INC., 2-4-5, Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
Rytron Co. Inc., 4-5-6	7301 Lankershim Blvd. N Hollywood	Cal
S N C Mfg. Co., Inc., 2	P.O. Box 277, Oshkosh	Wisc
SATURN ELECTRONICS CORP., 2-3-4-5-6, Adv Pg 558	**10665 Harry Hines Blvd. Dallas 20**	**Tex**
Servomechanisms/Inc., 2-3-4	200 N Aviation Blvd. El Segundo	Cal
5-6	165 Front St. Chicopee	Mass
Sickles, F.W., Div. General Instrument Corp., 3-5-6		
Sparton Corp., 2-4-5-6	2400 E Ganson St. Jackson	Mich
SPELLMAN HIGH VOLTAGE CO., 2, Adv Pgs 176, 177	**1930 Adee Ave. Bronx 69**	**NY**
Sperry Gyroscope Co. Div. Sperry Rand Corp., 2-3-4	Great Neck	NY
STANCOR ELECTRONICS INC., 2-3-4-5-6-7, Adv Pg 503	**3501 W Addison St. Chicago 18**	**Ill**
Standard Electronics Div. Reeves Instrument Corp., 2-4-7	Lakewood Rd. Farmingdale	NJ
Stanwyck Winding Co., 5-6	137 Walsh Ave. Newburgh	NY
Sterling Transformer Corp., 2-3-4	510 Driggs Ave. Brooklyn 11	NY
Superex Electronics Corp., 3-7	4-6 Radford Place, Yonkers	NY
Sylvania Photolamp & Special Products, 1-2	60 Boston St. Salem	Mass
Tele Coil Co. Inc., 3-4-5-6-7	2733 Saunders St. Camden 5	NJ
Telex, 2	Telex Park, St Paul 1	Minn
Thordarson-Meissner Mfg. Co., 2-3-4-5-6-7	7th & Belmont Ave. Mt. Carmel	Ill
TODD ELECTRIC CO. INC., 3-4, Adv Pg 489	**6 Brook St. Yonkers**	**NY**
TOKYO SHIBAURA ELECTRIC CO. LTD., 2, Adv Pg 265	**1-1, Uchisaiwai-cho, Chiyoda-ku Tokyo**	**Jap**
Toroids Unlimited Inc., 2-3-4-5	3830 Terrace St. Philadelphia 28	Pa
TOROTEL INC., 3-5-6, Adv Pg 496	**5512 E 110th St. Kansas City 37**	**Mo**
TOROTRON CORP., 4-6-7, Adv Pg 234	**256 E 3rd St. Mt Vernon**	**NY**
Tresco Inc., 2-4-5	3824 Terrace St. Philadelphia 28	Pa
UCINITE CO. DIV. UCF, 3, Adv Pg 69	**459 Watertown St. Newtonville**	**Mass**
U. S. Electronics Corp., 5	276 Warren St. Lyndhurst	NJ
UNITED TRANSFORMER CORP., 2-3, Adv Pg 2nd Cover 1, 2	**150 Varick St. New York 13**	**NY**
Universal Toroid Coil Winding Inc., 2-3-4	171EB Gold St. Irvington 11	NY
Utrad Corp. Div. Litton Ind., 2-3-4-7	305 N Briant, Huntington	Ind
Valor Instruments, Inc., 4-5-6	13214 Crenshaw Blvd. Gardena	Cal
Vanguard Electronics Co., 5	3384 Motor Ave, Los Angeles 34	Cal
VARO, INC., 1-2-3-4-5-6-7, Adv Pg 118	**2201 Walnut St. Garland**	**Tex**
Vibration Research Labs. Inc., 2	58 Marbledale Rd. Tuckahoe	NY
Virginia Electronics Co., Inc., 5-6	5209 River Rd. Washington 16	DC
Vitro Corp of America, 5-6-7	261 Madison Ave. New York 16	NY
VITRO ELECTRONICS DIV., VITRO CORP., 5-6-7, Adv Pgs 309, 310	**919 Jesup Blair Dr. Silver Spring**	**Md**
Waber Electronics, Inc., 6-7	Hancock & Somerset, Philadelphia 33	Pa
Wahlgren Magnetics, Div., Marshall Ind., 2-3-4	1900 Walker Ave, Monrovia	Cal
Walsco Electronics Mfg Co., 5	400 S Wyman St. Rockford	Ill
Warsaw Coil Co., 5	Box 329, Warsaw	Ind
Wells Electronics Co., 3-4-5-6	1701 S Main St. South Bend 23	Ind
Western Design & Electronics, 2	Santa Barbara Airport, Goleta	Cal
Westinghouse-Distribution Transformer Dept., 2-4	Sharon	Pa
WHEELER ELECTRONIC CORP. SUB. SPERRY RAND CORP., 2-4, Adv Pg 490	**150 E Aurora St. Waterbury 20**	**Conn**
Whitewater Electronics Inc., 2-3-5-6	130 W Main St. Whitewater	Wis
Winegard Co., 7	3000 Kirkwood Ave. Burlington	Iowa
Wrco Electronics, Inc., 5	11600 McBean Dr. El Monte	Cal

TRANSFORMER SHIELDS See SHIELDS–*TRANSFORMER*

TRANSFORMERS–*IRON-CORE, A-F*

1. INPUT, INTERSTAGE OR OUTPUT-GENERAL-PURPOSE
2. MINIATURE
3. MODULATOR
4. PRINTED-CIRCUIT TERMINALS
5. ULTRASONIC
6. VERY LOW FREQUENCY (SUBSONIC)

AC Electronics, Inc., 1-2-3-4-5	11725 Mississippi Ave. Los Angeles 25	Cal
ACDC ELECTRONICS, INC., 1-2-3-4, Adv Pg 182	**2979 N Ontario St. Burbank**	**Cal**
ADC INCORPORATED, 1-2-3-4-6, Adv Pg 150	**2883 13th Ave. S, Minneapolis 7**	**Minn**
A.P.W. Co., 2	72 W. Main St, Rockaway	NJ
Acro Electronic Products Co., 1-2	410 Shurs Ln. Philadelphia 28	Pa
Airdesign Corp., 1-2-3-4	Box 987, Norristown	Pa
AIRPAX ELECTRONICS INC. CAMBRIDGE DIV., 1-2-3-4, Adv Pg 106	**Cambridge**	**Md**
Altec Lansing Corp., 1-3-5-6	1515 S Manchester Ave. Anaheim	Cal
Amplifier Corp of America, 1-2	395 Broadway, New York 13	NY
Anderson Controls Inc., 1	9959 Pacific Ave. Franklin Park	Ill
Applied Components Inc., 1-2-3-4	401 E Beach Ave. Inglewood 3	Cal
Ardente Acoustic Labs Ltd., 1-2-4	8/12 Minerva Rd. London NW 10	Eng
ARNOLD MAGNETICS CORP., 3, Adv Pg 48	**6050 W Jefferson Blvd. Los Angeles 6**	**Cal**
Atlantic Transformer Corp., 1-2-3-4-5-6	20 Hynes Ave, Groton	Conn
Atlas Coil Inc., 1-2-3-5-6	63 Main St. Ansonia	Conn
ATLAS ENGINEERING CO. INC., 1-2-3-4, Adv Pg 108	**10 Cheney St. Roxbury**	**Mass**
Avco Corp. Electronics & Ordnance Div., 4	Box 115, Cincinnati 15	Ohio
Ballastran Div. Telex Inc., 1-2-3-4	1701 N Calhoun St. Fort Wayne 7	Ind
Barwood electronics, Inc., 1-2-4	120 S. Maryland Ave, Glendale 5	Cal
Basler Electric Co. Magnetic Components, 1-2-3-4-5-6	Box 288, Highland	Ill
Bayly Engineering Ltd., 1-2-4-5-6	Hunt St. Ajax	Ont
Behlman Engineering Co., 1	2911 Winona Ave. Burbank	Cal
Bel-Tronics Corp., 1-2-4	344 Interstate Rd. Addison	Ill
Bittermann Electric Co. Inc., 1-2-6	Box 807, Canaan	Conn
Bradford Components, Inc., 1-2-3	65 Sixth Ave. Salamanca	NY
BULOVA WATCH CO. INC. ELECTRONICS DIV., 2, Adv Pg 427	**61-10 Woodside Ave. Woodside 77**	**NY**
Bush Transformer Corp., 1-2-3-4-5-6	707 North St, Endicott	NY
Caledonia Electronics & Transformer Corp., 1-3-4-5	Caledonia	NY
California Magnetic Control Corp., 1-2-3-4-5-6	11922 Valerio St, North Hollywood	Cal
Calmag Div. Calif. Magnetic Con. Corp., 1-2-3-4-5	11922 Valerio St. N Hollywood	Cal
Campbell Co. Inc., Colin, 1-2-3-4-5	Mary Brook Rd, Danbury	Conn
Canadian Marconi Co., 1-3-5-6	2444 Trenton Ave. Montreal	Que
Cared Corp., 3-4-5-6	3381 Junipero Serra Blvd. Palo Alto	Cal
CELCO CONSTANTINE ENGRG LABS CO., 1-2-3-4-5, Adv Pg 45	**Box 555, Mahwah**	**NJ**
Central Transformer Co., 1-2-3-4-5-6	900 W Jackson Blvd. Chicago	Ill
Chicago Electronic Engineering Co., 1	3223 W Armitage Ave. Chicago 47	Ill
Chicago Telephone of Cal. Inc., 1	1010 Sycamore Ave. South Pasadena	Cal
Cinaudagraph, Inc., 1	7334 N Clark St. Chicago 26	Ill
Clifton Mfg. Co. Inc., 1	20 N Springfield Rd. Clifton Heights	Pa
Coast Coil Co., 4	5333 W. Washington Blvd, Los Angeles	Cal
Coil Co. of America Inc., 1-2-3-4-5-6	220 Washington St. Northvale	NJ
COLUMBIA TECHNICAL CORP., 5, Adv Pg 441	**24-30 Bklyn-Qns. Exp W, Woodside 77**	**NY**
COMMUNICATION ACCESSORIES CO., 1-2-4, Adv Pg 79	**Hwy 50 & 71 ByPass, Lee's Summit**	**Mo**
Conrad-Carson Electronics Inc., 1-2-3-4-5-6	1437 Broadway, El Cajon	Cal
Cycle Transformer Corp., 1-2-3-5-6	354 Glenwood Ave, East Orange	NJ
DX Radio Products Co., Inc., 2-4	2300 Armitage Ave, Chicago 47	Ill
Datafilter Corp., 1-2-4	5921 Noble Ave. Van Nuys	Cal
Deeco Instruments, 1-2-3-4-5-6	14737 Arminta St. Van Nuys	Cal
DEL ELECTRONICS CORP., 2, Adv Pg 421	**521 Homestead, Mt Vernon**	**NY**
Delta Coils, Inc., 2	117 Madison Ave. Paterson 3	NJ
Deltron Co., 1	14736 Arminta St. Van Nuys	Cal
DIETZ DESIGN, INC., 1, Adv Pg 226	**Grandview 6**	**Mo**
Digitrols, Inc., 1-2-3-4	8 Industry Lane, Cockeysville	Md
Dormeyer Industries, 1	3418 N Milwaukee Ave. Chicago 41	Ill
Dresser Electronics, HST Div., 1-2-3-4-6	555 N 5th St. Garland	Tex
Dunwell Mfg. Corp., 4	159-161 Ft. Lee Rd, Teaneck	NJ
Dynacl, Inc., 1	7912 Powelton Ave, Philadelphia 4	Pa
EMP Electronics Research Labs. Inc., 1	3131 N 29th Ave. Phoenix	Ariz
ERA Pacific, Inc., 1	1760 Stanford St. Santa Monica	Cal
Edko Electronics Inc., 1-2-3-5-6	397 Bedford Ave. Brooklyn	NY
Elasco, Inc., 1	5 Prescott St, Roxbury 19	Mass
Electran Mfg. Co., 1-2-4	1909 N. Clybourn, Chicago	Ill
Electrical Windings, Inc., 1-2-3-4	2015 N. Kolmar, Chicago 39	Ill
Electro Engineering Works, 1-2-3-5-6	401 Preda St, San Leandro	Cal
Electro Powerpacs Inc., 1	5 Hadley St. Cambridge 40	Mass
Electro-Winders Co., Inc., 1-2	854 N. Front St, Covina	Cal
Electrodynamic Instrument Corp., 1-2-3-4-5-6	1841 Old Spanish Trail, Houston 25	Tex
Electronic Research Assoc, Inc., 1	67 Factory Pl, Cedar Grove	NJ
Epco Products Inc., 1-2-3-4-5-6	P.O. Box 288, Wallkill	NY
Fairfield Controls Inc., 1-2-3	114 Manhattan St. Stamford	Conn
Ferranti Electric Inc., 1-2-3-4	Industrial Park #1, Plainview	NY
Ferro-Magnetics Co., 1-2-3-4	999 Commercial St, Palo Alto	Cal
Ferrotran Electronic Co., Inc., 1-2-3	693 Broadway, New York 12	NY
Forest Electric Co., 1-2-3-4	1003 N 25th Ave. Melrose Park	Ill
Foster Transformer Co., 1-2-3-4	3820 Coleram Ave. Cincinnati 23	Ohio
FREED TRANSFORMER CO. INC., 1-2-3-4-5-6, Adv Pg 524	**1736 Weirfield St. Brooklyn 27**	**NY**
General Coil Products Corp., 5	147-12 Liberty Ave. Jamaica 35	NY
GENERAL ELECTRIC CO. APPARATUS SALES, 1-2-3-4, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
GENERAL MAGNETICS, INC., 1-2-3-4, Adv Pg 543	**Dept B, 2641 Louisiana Ave. Mpls 26**	**Minn**
General Transformer Co., 1-2-4	18240 Harwood Ave, Homewood	Ill
Geotronic Labs. Inc., 1-2-3-4-5-6	1314 Cedar Hill Ave. Dallas 8	Tex
Globe Electronics, Div. Textron Electronics, Inc., 2-4	22-30 S. 34th St., Council Bluffs	Iowa
Goslin Electric & Mfg. Co., 1-2-3-4-5-6	2921 W. Olive St, Burbank	Cal
Gotham Audio Corp., 2	2 W 46 St. New York 36	NY
Grand Tran, Inc., 1-2-3-4	Paw Paw Ave. Benton Harbor	Mich
Grand Transformers, Inc., 1-2-3-4	Hay St, Grand Haven	Mich
Granger Associates, 3	974 Commercial St. Palo Alto	Cal
Hartley Co., Inc., Robert M., 6-3-1	5512 S. Hoover St. Los Angeles 37	Cal
Hammond Mfg Co. Ltd., 1-2-3-4-5-6	Guelph	Ont
Harder Co., Donald C., 1-3-4	2580 K St. San Diego	Cal
Hindle Transformer Co., Inc., 5	Woods Church Rd, Flemington	NJ
Hisonic, Inc., 1-2-4-5	Box 534, Shawnee	Kan
I. H. Mfg. Co., 1	121 Greene St. New York 12	NY
IKEGAMI TSUSHINKI CO. LTD., 3, Adv Pg 266	**21 Motoki-cho, Kawasakishi, Kanagawa**	**Jap**
Industrial Transformer Co., 1-2-3-4-5-6	Box 656, West Caldwell	NJ
Intercontinental Electronics Corp., 1-2-3	300 Shames Dr. Westbury 29	NY
International Research Associates, 2	7231 Warwick Ave, Santa Monica	Cal
JB Electronic Transformers, Inc., 1-2-3-4-5-6	2310 W Armitage Ave, Chicago 47	Ill
James Electronics Inc., 1-2-3-4	4050 N. Rockwell St. Chicago 18	Ill
Johnson Electronics Inc., 1-2-4-5-6	Box 1675, Casselberry	Fla
K-V Transformer Corp., 1-2-3-4-5-6	20 E. Franklin St, Danbury	Conn
Kenyon Transformer Co., Inc., 1-2-3-5	1057 Summit Ave, Jersey City 7	NJ
Laboratory For Electronics, Inc., 1-2-3	1079 Commonwealth Ave. Boston 15	Mass
Lockheed Electronics Corp. Avionics & Ind Prods Div., 1-2-3-4	Randolph St. Los Angeles 22	Cal
Lumen, Inc., 1-2	Box 905, Joliet	Ill
McGregor Electronic Industries, 1-2-3-4	McGregor	Iowa
Magnalectric Corp., 1-2-3-4-5-6	Box 5038, Tulsa	Okla
MAGNATRAN INC., 5, Adv Pg 534	**Box 211, Kearny**	**NJ**
Magnetic Circuit Elements, Inc., 1-2-3	1722 Park Pl. Montrose	Cal
Magnetico, Inc., 2	6 Richter Ct, East Northport	NY
Malco Mfg. Co., 4	4023 W. Lake St. Chicago 24	Ill
MASSA DIV. COHU ELECTRONICS, INC., 5, Adv Pg 442-443	**280 Lincoln St. Hingham**	**Mass**
MATSUSHITA ELECTRIC, Adv Pg 255	**Box 288, Osaka Central, Tokyo**	**Jap**
Melco Products, Inc., 1-3-4-5	301 Fifth Ave S, Minneapolis 15	Minn
Mercury Transformer Corp., 1-2-3-4	12984 Panama St, Los Angeles 66	Cal
Merit Coil & Transformer Corp., 1-2-3-4-5-6	2027 Sherman St. Hollywood	Fla
Metropolitan Telecommunications Corp., 1-2-3-4-5-6	Ames Ct. Plainview	NY
MICROTRAN CO. INC., 1-2-3-4, Adv Pg 553	**145 E Mineola Ave. Valley Stream**	**NY**
Mid-West Coil & Transformer Co., 1-2-3-4	1642 N. Halsted St, Chicago 14	Ill
Modelectric Products Corp., 2	15 Bangs Ave. Asbury Park	NJ
Mt Vernon Prec Transformer Co., 1-6	47 S 3rd Ave. Mt Vernon	NY
MURATA MFG. CO. LTD., 2, Adv Pg 256	**Nagaoka-cho. Kyoto**	**Jap**
National Coil Co., 1-2-4	Box 1237, Sheridan	Wyo
National Ultrasonic Corp., 5	95 Park Ave. Nutley 10	NJ
New England Transformer Co., 1-2-3-4-5-6	47 McGrath Hwy. Somerville	Mass
New York Coil Co., Inc., 1-2-4	Phoenixville 12	Pa
New York Transformer Co. Inc., 1-2-4	3rd Ave. Alpha	NJ
Newcomb Audio Products Co., 1	6824 Lexington Ave. Hollywood 38	Cal
Nothelfer Winding Labs. Inc., 3	Box 455, Trenton 3	NJ
ORTHO MAGNETICS INC., 1-2-3-4, Adv Pg 286	**7 Paterson St. Paterson 1**	**NJ**
Osborne Electric Co. Ltd., 1	95 Wesley St. Toronto 18	Ont
Osborne Electronics Corp., 1-2-3-4	712 SE Hawthorne Blvd. Portland 14	Ore
Osborne Transformer Corp., 3-5	3334 Mitchell Ave. Detroit 7	Mich
OVITRON CORP., 1-2-5, Adv Pg 540	**42-62 Johnes St. Newburgh**	**NY**
OXFORD ELECTRIC CORP., 1-2, Adv Pg 539	**3911 S Michigan Ave. Chicago 53**	**Ill**
PCA ELECTRONICS INC., 2-4-5, Adv Pg 208	**16799 Schoenborn St. Sepulveda**	**Cal**
Pacific Magnetic Corp., 1-2	Electronic Center, Ramona	Cal
Palo Alto Engineering Co., 1-2-3-4	620 Page Mill Rd. Palo Alto	Cal
Pearson Electronics, Inc., 3-4-5-6	707 Urban Ln. Palo Alto	Cal
Perkin Electronics Corp., 1	345 Kansas St. El Segundo	Cal
Permaflux Products Co., 2	4101 San Fernando Rd. Glendale	Cal
Pioneer Central Div. Bendix Corp., 5	Davenport	Iowa
Polyphase Instrument Co., 1-2	E 4th St. Bridgeport	Pa
Precision Electronics, 1-2-3-4-5-6	477 Plain St. Marshfield	Mass
Precision Electronics, Inc., 1-2-3-5-6	41 Merrick Rd, Rockville Centre	NY
Prototype Transformer Corp., 1-2-3-4-5-6	1 Henry St, Bloomfield	NJ
Quam Nichols Co., 1	Marquette Rd & Prairie Ave, Chicago 37	Ill
Racon Electric Co. Inc., 1	1261 Broadway, New York 1	NY
Radio Engineering Labs. Inc., 1	29-01 Borden Ave. Long Island City 1	NY
Radio Industries, Inc., 2-4	665 Garland Pl, Des Plaines	Ill
Ram Electronics, Inc., 1	600 Industrial Ave, Paramus	NJ
RAYTHEON CO. MICROWAVE & POWER TUBE DIV., 1-2-3-4-5-6, Adv Pgs 38, 39	**Spencer Lab Wayside Ave. Burlington**	**Mass**
Rola Co. Div Muter Co., 1-2-3	2530 Superior Ave. Cleveland 14	Ohio
Rye Sound Corp., 2	145 Elm St. Mamaroneck	NY
Rytron Co. Inc., 1-2-3	7301 Lankershim Blvd, N Hollywood	Cal
S N C Mfg. Co., Inc., 1	P.O. Box 277, Oshkosh	Wisc
Sangamo Electric Co., 1-2-3-5-6	1201 N. 11 St, Springfield	Ill
SATURN ELECTRONICS CORP., 1-2-3-4-5-6, Adv Pg 558	**10665 Harry Hines Blvd. Dallas 20**	**Tex**
Servomechanisms/Inc., 1-2-3-4-5-6	200 N Aviation Blvd. El Segundo	Cal
Signal Transformer Co., 1-2-3-4-5-6	1661 McDonald Ave, Brooklyn 30	NY
SOLID STATE ELECTRONICS CO., 2-3, Adv Pg 238	**Dept E 15321 Rayen St. Sepulveda**	**Cal**
Sparton Corp., 1-2-3-5-6	2400 E Ganson St. Jackson	Mich
SPELLMAN HIGH VOLTAGE CO., 6, Adv Pgs 176, 177	**1930 Adee Ave. Bronx 69**	**NY**
Sperry Gyroscope Co. Div. Sperry Rand Corp., 2-4	Great Neck	NY
STANCOR ELECTRONICS INC., 1-2-3-4, Adv Pg 503	**3501 W Addison St. Chicago 18**	**Ill**
Standard Electrical Products Co., 2-4	2240 E 3rd St. Dayton 3	Ohio
Standard Electronics Div Reeves Instrument Corp., 1-2-3	Lakewood Rd. Farmingdale	NJ
Stanley Transformer Co., 1-2-3-4-5-6	31-23 Vernon Blvd, Long Island City	NY
Sterling Transformer Corp., 1-2-3-4-5-6	510 Driggs Ave. Brooklyn 11	NY
Superex Electronics Corp., 2-4	4-6 Radford Place, Yonkers	NY
Sylvania Photolamp & Special Products, 1-2-3-4-5-6	60 Boston St. Salem	Mass
Tele Coil Co. Inc., 1	2733 Saunders St. Camden 5	NJ
Telex, 6	Telex Park, St Paul 1	Minn
Thordarson-Meissner Mfg. Co., 1-2-3-4-5-6	7th & Belmont Ave, Mt. Carmel	Ill
TODD ELECTRIC CO. INC., 1-2-3-4-5, Adv Pg 489	**6 Brook St. Yonkers**	**NY**
Toroids Unlimited Inc., 1-2-3-4	3830 Terrace St. Philadelphia 28	Pa
TOROTEL INC., 2-3-4, Adv Pg 496	**5512 E 110th St. Kansas City 37**	**Mo**
TORWICO ELECTRONICS INC., 1-2-4, Adv Pgs 491, 492	**Route 70, Lakewood**	**NJ**
Transformer Engineers, 1-2-3-4-6	205 N. Halstead Ave, Pasadena	Cal
Transonic Inc., 1-2-3-5-6	808 16th St. Bakersfield	Cal

TRENTON TRANSFORMER CORP., 1, Adv Pg 47	Box 568B, Trenton	NJ
Tresco Inc., 1-2-3-5-6	3824 Terrace St. Philadelphia 28	Pa
Triad Transformer Corp., 1-2-3-4-5-6	4055 Redwood Ave. Venice	Cal
UCINITE CO. DIV. UCF, 4, Adv Pg 69	459 Watertown St. Newtonville	Mass
Ultrasonic Systems Inc., 5	2255 S Carmelina Ave. Los Angeles 64	Cal
Union Electric & Mfg. Corp., 1-2-3-5	1057 Summit Ave, Jersey City	NJ
U. S. Electronics Corp., 1-2-5	276 Warren St. Lyndhurst	NJ
UNITED TRANSFORMER CORP., 1-2-3-4-5-6, Adv Pg 2nd Cover 1, 2	150 Varick St. New York 13	NY
Universal Toroid Coil Winding Inc., 1-2-3-4-5-6	1718B Coit St. Irvington 11	NY
Utrad Corp. Div. Litton Ind., 1-2-4	305 N Briant, Huntington	Ind
Valor Instruments, Inc., 2-4-6	13214 Crenshaw Blvd. Gardena	Cal
VARO INC., 1-2-3-5-6 Adv Pg 118	2201 Walnut St. Garland	Tex
Victory Electronics, Inc., 2	50 Bond St. Westbury	NY
Virginia Electronics Co., Inc., 1-2-3-4	5259 River Rd. Washington 16	DC
Varnigen Magnetics, Div. Marshall Ind., 2-4-5-6	1900 Walker Ave, Monrovia	Cal
Waltco Electronics Mfg. Co., 1	400 S Wyman St. Rockford	Ill
WHEELER ELECTRONIC CORP. SUB. SPERRY RAND CORP., 1-2-3-4-5-6, Adv Pg 490	150 E Aurora St. Waterbury 20	Conn
Wells Electronics, Inc., 1-2	11680 McBean Dr. El Monte	Cal
Workman TV Products, Inc., 1	P. O. Box 5397, Sarasota	Fla
YUTAKA ELECTRIC MFG. CO. LTD., 1-2-3-4-5-6, Adv Pg 266	1-1253 Yutaka-cho, Shinagawa-ku, Tokyo	Jap
Zenith Radio Corp., 1	6001 Dickens Ave, Chicago 39	Ill

TRANSFORMERS – IRON-CORE, POWER

1. CURRENT-LIMITING
2. HIGH-VOLTAGE POWER SUPPLY
3. ISOLATION
4. MODULATOR
5. PLATE & FILAMENT, 60-CPS-OVER 500 WATTS
6. PLATE & FILAMENT, 60-CPS-UNDER 500 WATTS
7. PLATE & FILAMENT, 400-CPS
8. SATURABLE
9. VARIABLE
10. VIBRATOR
11. VOLTAGE-REGULATING & STABILIZING
12. WELDING
13. X-RAY

AC Electronics, Inc., 1-2-3-4-5-6-7-8-9	11725 Mississippi Ave. Los Angeles 25	Cal
A. C. Transformer Corp., 1-2-3-5-6-7-8-9	89 Madison St, Newark	NJ
ACDC ELECTRONICS, INC., 1-2-3-4-5-6-7-8-10, Adv Pg 182	2979 N Ontario St. Burbank	Cal
ADC INCORPORATED, 1-2-3-6-7-8-10-11-12-13, Adv Pg 156	2843 13th Ave. S, Minneapolis 7	Minn
ACME ELECTRIC CORP., 2-3-5-6-7-8-9-11-12, Adv Pg 173	Water St. Cuba	NY
Aero Electronic Products Co., 2-3-5-7	410 Shurs Ln. Philadelphia 28	Pa
Advance Components Ltd., 5-11	Roebuck Rd. Hainault, Ilford, Essex	Eng
Ambeon Corp., 1-2-3-4-5-6-7-8-10-11-12-13	Box 587, Norristown	Pa
AIRPAX ELECTRONICS INC. CAMBRIDGE DIV., 7-8-9-10, Adv Pg 186	Cambridge	Md
Aladdin Electronics Div of Aladdin Industries Inc., 9	703 Murfreesboro Rd. Nashville 10	Tenn
Allen Lansing Corp., 1-3-4-5-6-7	1515 S Manchester Ave. Anaheim	Cal
American [illegible] Corp. Amer. Elec. Div., 1-2-3-5-6-8-11-12	2101 37th Ave. NE, Minneapolis 18	Minn
American Rectifier Corp., 1-2-3-5-8-11	95 Lafayette St. New York 13	NY
AMERICAN TELEVISION & RADIO CO., 5-6-10, Adv Pg 284	300 E 4th St. St Paul 1	Minn
AMP INC., 1-2-3-5-6-7-8-11, Adv Pgs 65, 183	Eisenhower Blvd. Harrisburg	Pa
Amplifier Corp of America, 6-7-8-13	398 Broadway, New York 13	NY
Arco Transformer & Electric Co., 2-3-4-5-6-7-10-11	1602 S. Hanna St, Fort Wayne	Ind
ARNOLD MAGNETICS CORP., 3-4-7-8-9, Adv Pg 48	4865 W Jefferson Blvd. Los Angeles 6	Cal
Arnus Corp., 9	11924 W. Washington Blvd, L.A. 66	Cal
ASSOCIATED RESEARCH, INC., 2, Adv Pg 218	3758 W Belmont Ave. Chicago 18	Ill
Atlantic Transformer Corp., 2-3-4-5-6-7-8-9-10	30 Hynes Ave, Groton	Conn
Atlas Coil Inc., 1-2-3-4-5-6-7-8-9-10-11	83 Main St. Ansonia	Conn
ATLAS ENGINEERING CO. INC., 1-3-8-10-11, Adv Pg 108	18 Cheney St. Roxbury	Mass
Avco Corp. Electronics & Ordnance Div., 2	Box 136, Cincinnati 11	Ohio
Ballantine, Div. Telex, Inc., 1-2-3-4-5-6-7-8	1701 N. Calhoun St, Ft. Wayne 7	Ind
Barwood Electronics, Inc., 1-2-3-5-6-7-8-10	1203 Maryland Ave. Glendale 5	Cal
Basler Electric Co. Magnetic Components, 1-2-3-4-5-6-7-8-9-10-11-12-13	Box 398, Highland	Ill
Bittermann Electric Co. Inc., 1-3-5-6-7-8	Box 607, Canaan	Conn
Brach Mfg. Corp., 8	200 Central Ave, Newark	NJ
BULOVA WATCH CO. INC. ELECTRONICS DIV., 8, Adv Pg 427	61-10 Woodside Ave. Woodside 77	NY
Burnes Electronics Co. Inc., 7	1473 Long Beach Rd. Rockville Center	NY
Bush Transformer Corp., 1-2-3-4-5-6-7-8-10-11	707 North St, Endicott	NY
Carlo Electric Products, 1	236 Dobell St. Providence	RI
Caledonia Electronics & Transformer Corp., 2-3-4-5-6-7	Caledonia	NY
California Magnetic Control Corp., 1-2-3-4-5-6-7-8-9-10-11-12-13	11922 Valerio St, North Hollywood	Cal
Calmag Div. Calif. Magnetic Con. Corp., 1-2-3-4-5-6-7-8-9-10-11	11922 Valerio St. N Hollywood	Cal
Campbell Co. Inc., Cyril, 1-2-3-4-5-6-7-8-9-10-11	Mill Brook Rd. Danbury	Conn
Canadian Marconi Co., 3-4-5-6-7-8-10-11-12	2442 Trenton Ave, Montreal	Que
Carad Corp., 1-2-3-4-5-6-7-8-11	2181 Junipero Serra Blvd. Palo Alto	Cal
Carol Electronics Corp., 1-2-8-10	315 N. Stephens St, Martinsburg	W Va
Carson Mfg. Co., Inc., 8-9-10-12	3424 E. 55th St, Indianapolis 20	Ind
CELCO CONSTANTINE ENGRG LABS CO., 2-3-6-7-8-9, Adv Pg 45	Box 555, Mahwah	NJ
Central Transformer Co., 1-2-3-4-5-6-7-8-9-10-11-12	900 W Jackson Blvd. Chicago	Ill
Chicago Electronic Engineering Co., 3-4-5-7-8	3223 W Armitage Ave. Chicago 47	Ill
Chicago Telephone of Cal. Inc., 3-4	1010 Sycamore Ave, South Pasadena	Cal
Clifton Mfg. Co. Inc., 5-6-8	70 N Springfield Rd. Clifton Heights	Pa
Coast Coil Co., 2-6-7-8-9	5833 W. Washington Blvd, Los Angeles	Cal
Coil Co. of America Inc., 1-2-3-4-5-6-7-8-9-10-11-12-13	220 Washington St. Northvale	NJ
Coilcraft Inc., 6-7-8	Cary	Ill
COMMUNICATION ACCESSORIES CO., 5-6-7-8, Adv Pg 79	Hwy. 50 & 71 By Pass, Lee's Summit	Mo
Components Corp., 8	2855 N Halsted St. Chicago 14	Ill
Components for Research Inc., 2-3-5-6-7-8-13	979 Commercial St. Palo Alto	Cal
Conrad-Carson Electronics Inc., 1-2-3-4-5-6-7-8-9-10-11	1437 Broadway, El Centro	Cal
Continental X-Ray Corp., 3-8-13	2506 N. Clybourn, Chicago 18	Ill
Controlemag Labs., 8	2450 Susquehanna, Roslyn	Pa
Cornwell Electronics Corp., 1-2-3-5-7-8-11	84 S Water St. Byram	Conn
Crittenden Transformer Works, Inc., 1-2-3-5-7-8	13011 S. Spring St, Los Angeles 61	Cal
Cycle Transformer Corp., 2-3-4-5-6-7-8-10-11-12	354 Glenwood Ave, East Orange	NJ
DX Radio Products Co., Inc., 3-4-6-7-8-9-11	2300 Armitage Ave, Chicago 47	Ill
DEL ELECTRONICS CORP., 1-2-3-5-6-7-8-12-13, Adv Pg 421	521 Homestead Ave. Mt Vernon	NY
DIETZ DESIGN, INC., 1-2-3-4-6-7-8-11, Adv Pg 226	Grandview 6	Mo
Digitrols, Inc., 4-6	8 Industry Lane, Cockeysville	Md
Djeco Div. Djordjevic Eng. Co., 2-8-11	1933 N Damen, Chicago 47	Ill
Dormeyer Industries, 2-3-5-6-7-11	3418 N. Milwaukee Ave. Chicago 41	Ill
Dresser Electronics, HST Div., 2-3-4-5-6-7-8-11-12	555 N 5th St. Garland	Tex
E R Corp., 6	5177 Overland Ave, Culver City	Cal
EMP Electronics Research Labs. Inc., 1-2-3-4-5-6-7-8	3131 N 25th Ave. Phoenix	Ariz
E. P. Electric Products Co. Ltd., 2-3-5-7-8	9720 Waverly St. Montreal 12	Can
ERA Pacific, Inc., 1-2-3-4-5-6-7-8-11	1760 Stanford St. Santa Monica	Cal
Eagle Electric Mfg. Co., Inc., 1	23-10 Bridge Plaza S., L.I. City	NY
Edin Electronics Inc., 2-3-4-5-6-7-8-10-12-13	387 Bedford Ave. Brooklyn	NY
Eisler Engineering Co., Inc., 12	751 S. 13 St, Newark 3	NJ
Elenco, Inc., 3-4-5-6-7-8	5 Prescott St, Roxbury 19	Mass
Elcor Inc., 3-6-7	1225 W Broad St. Falls Church	Va
Electran Mfg. Co., 1-2-3-5-6-7-8-10-12	1909 N. Clybourn, Chicago	Ill
Electrical Windings, Inc., 3-4-5-6-7-10	2015 N Kolmar Ave. Chicago 39	Ill
Electro Engineering Works, 1-2-3-4-5-6-7-8-9-10-11-12	401 Preda St, San Leandro	Cal
Electro Powerpacs Inc., 2-3-5-6-7-10	5 Hadley St. Cambridge 40	Mass
Electro-Winders Co., Inc., 2-8-9	854 W. Front St, Covina	Cal
Electrodynamic Instrument Corp., 2-3-4-5-6-7-10-13	1841 Old Spanish Trail, Houston 25	Tex
Electronic Research Assoc., Inc., 1-2-3-4-5-6-7-8-11	67 Factory Pl, Cedar Grove	NJ
Esco Products Inc., 1-3-4-5-6-7-8-10-12	P. O. Box 298, Wallkill	NY
EWALD INSTRUMENTS, 12, Adv Pg 498	Rt. 7E, Kent	Conn
Fairfield Controls Inc., 1-8	114 Manhattan St. Stamford	Conn
Ferranti Electric Inc., 1-3-4-5-6-7-10	Industrial Park #1, Plainview	NY
Ferro-Magnetics Co., 1-3-4-8	985 Commercial St. Palo Alto	Cal
Ferrotran Electronic Co. Inc., 3-6-7	693 Broadway, New York 12	NY
Forest Electric Co., 1-2-3-4-5-6-7-8-9-10-11-12-13	1001 N 25th Ave, Melrose Park	Ill
Foster Transformer Co., 2-3-4-5-6-7-10	3820 Colerain Ave, Cincinnati 23	Ohio
FREED TRANSFORMER CO. INC., 1-2-3-4-5-6-7-8-10-11, Adv Pg 524	1738 Weirfield St. Brooklyn 27	NY
GATES ELECTRONIC CO., 3, Adv Pg 424	2243 White Plains Rd. Bronx 67	NY
GENERAL ELECTRIC CO. APPARATUS SALES, 1-2-3-5-6-7-8-11, Adv Pgs 8, 9	1 River Rd. Schenectady 5	NY
GENERAL MAGNETICS, INC., 1-2-3-4-5-6-7-8-11, Adv Pg 543	Dept B, 2641 Louisiana Ave. Mpls 26	Minn
General Transformer Co., 1-2-3-4-5-6-7-8-10	18240 Harwood Ave, Homewood	Ill
Geotronic Labs. Inc., 1-2-3-4-5-6-7-8	1314 Cedar Hill Ave, Dallas 8	Tex
Goslin Electric & Mfg. Co., 1-2-3-4-5-6-7-8-9-10-11-12-13	2921 N. Olive St, Burbank	Cal
Grand Tran, Inc., 1-2-3-5-7-10-11	Paw Paw Ave, Benton Harbor	Mich
Grand Transformers, Inc., 1-2-3-5-7-10-11	Hay St, Grand Haven	Mich
Green Rectifier Co., 1-2-3-5-6-7-8-10-11	3-10 30th St. Fair Lawn	NJ
Hadley Co., Inc., Robert M., 1-3-4-5-8-9-10-11	5112 S. Hoover St, Los Angeles 37	Cal
Hagan Chemicals & Controls Inc., 2-3-5-6-8	Hagan Center, Pittsburgh 30	Pa
Hammond Mfg Co. Ltd., 1-2-3-4-5-6-7-8-10-11-12-13	Guelph	Ont
Harder Co., Donald C., 1-2-3-4-5-6-7-8-12	2580 K St, San Diego	Cal
Hathaway Instruments Inc., 8	5800 E Jewell Ave. Denver 22	Colo
Hevi-Duty Electric Co. Div. Basic Products Corp., 1-2-3-5-6-7-8-9-12	324 Hart St, Watertown	Wis
Hindle Transformer Co., Inc., 1-2-3-4-5-6-7-8-12-13	Woods Church Rd, Flemington	NJ
Hughes Vacuum Tube Products Div., 12	2020 Short St, Oceanside	Cal
HUGHEY & PHILLIPS, INC., 3, Adv Pg 549	3200 N San Fernando Blvd. Burbank	Cal
I. H. Mfg. Co., 3	121 Greene St. New York 12	NY
IKEGAMI TSUSHINKI CO. LTD., 1-3-4-5-6-7-11, Adv Pg 300	21 Motoki-cho, Kawasakishi, Kanagawa	Jap
Industrial Transformer Co., 1-2-3-4-5-6-7-8-9-10-11-12-13	Box 556, West Caldwell	NJ
Inductron Corp., 7	55 Needham St. Newton Highlands	Mass
Instrol, Inc., 9	135 E. Dela Guerra, Santa Barbara	Cal
Instrument Systems Corp., 8	129-07 18th Ave. College Point 56	NY
Intercontinental Electronics Corp., 1-2-3-4-5-6-7-8-9-11	300 Shames Dr. Westbury 29	NY
JB Electronic Transformers, Inc., 1-2-3-4-5-6-7-8-9-10-12-13	2310 W Armitage Ave. Chicago 47	Ill
Jack & Heintz Div. Siegler Corp., 3	Box 6719, Cleveland 1	Ohio
Janet Electronics Inc., 9	4250 N. Rockwell St. Chicago 18	Ill
Johnson Electronics, Inc., 8	P.O. Box 1675, Casselberry	Fla
K-V Transformer Corp., 1-2-3-4-5-6-7-8-10-13	20 E. Franklin St, Danbury	Conn
Kalbe Scientific Labs., 3-13	Box 170, Flemington	NJ
KEARFOTT DIV. GEN PRECISION INC., 8, Adv Pg 394	Little Falls	NJ
Kenyon Transformer Co., Inc., 1-2-3-4-5-6-7-8	1057 Summit Ave, Jersey City 7	NJ
Keystone Products Co., 2-3-7-8	904-6 23 St. Union City	NJ
Knapp, Inc., 1-3-7	1307 66 St. Oakland 8	Cal
Kolton Electric Mfg. Co., 3-3-5	123 New Jersey Railroad Ave, Newark 5	NJ
Kuhnke Electronics, H., 11	Malente/Holstein, Germany	
Laboratory For Electronics, Inc., 2-3-4-6-8-9	1075 Commonwealth Ave. Boston 15	Mass
Land-Air, Inc., 2-13	7444 W. Wilson Ave, Chicago 31	Ill
Lee Electric, Inc., 1-3-11	566 52 St, West New York	NJ
Lindberg Engineering Co., 2-5	2450 W Hubbard St. Chicago	Ill
Lockheed Electronics Corp. Avionics & Ind Prods Div., 1-2-3-4-5-6-7-8-10	Randolph St. Los Angeles 22	Cal
Luman, Inc., 2-3-8-11	Box 905, Joliet	Ill
McGregor Electronic Industries, 1-2	McGregor	Iowa
Magnaletric Corp., 2-3-4-5-6	Box 6008, Tulsa	Okla
MAGNATRAN INC., 2-3-5-6, Adv Pg 534	Box 211, Kearny	NJ
MAGNETIC AMPLIFIERS DIV. SIEGLER CORP., 8-11, Adv Pg 295	632 Tinton Ave. New York 55	NY
Magnetic Circuit Elements, Inc., 3-4-6-7-8	3722 Park Pl, Montrose	Cal
Magnetics Inc., 4	6 Richter Ct. E Northport	NY
Marconi's Wireless Telegraph Co., Ltd., 8	750 Third Ave, New York 17	NY
Melco Products, Inc., 1-2-3-4-5-6-7-12	301 Fifth Ave S., Minneapolis 15	Minn
Melcor Electronics Corp., 3	48 Toledo St, Farmingdale	NY
Mercury Transformer Corp., 1-2-3-4-5-6-7-8-10	17864 Parama St, Los Angeles 66	Cal
Merit Coil & Transformer Corp., 2-3-4-5-6-7-9-10-11-12	2027 Sherman St, Hollywood	Fla
Metropolitan Telecommunications Corp., 1-2-3-4-5-6-7-8-10-11-12-13	Ames Ct. Plainview	NY
Microdot, Inc., 2-4-11	220 Pasadena Ave. South Pasadena	Cal
Micromag Instrument Corp., 8	115 Hallock St, Roxbury	Mass
MICROTRAN CO. INC., 3-4-6-7-10, Adv Pg 553	145 E Mineola Ave. Valley Stream	NY
Mid-West Coil & Transformer Co., 1-2-3-4-6-7-8-9-10-11-12-13	1642 N. Halsted St, Chicago 14	Ill
MOLONEY ELECTRIC CO., 1-2-3-4-5-7-8, Adv Pgs 110, 111	5390 Bircher Blvd. St. Louis 20	Mo
Mt. Vernon Prec Transformer Co., 1-3-5-6-8-9-10-11-12-13	47 S. 3rd Ave, Mt. Vernon	NY
National Coil Co., 1-3-6-7-8-11	Box 1237, Sheridan	Wyo
Nesco Instruments Inc., 2-3	638 W 17th St. Costa Mesa	Cal
New England Transformer Co., 1-2-3-4-5-6-7-8-9-10-11-12-13	47 McGrath Hwy. Somerville	Mass
New York Coil Co., Inc., 1-2-3-5-6-8-11	Phoenixville 12	Pa
New York Transformer Co. Inc., 2-3-4-5-6-7-8-9-10-11-12	3rd Ave, Alpha	NJ
Newport Scientific Co., 2-3	638 W 17th St. Costa Mesa	Cal
Norbatrol Electronics Corp., 8	356 Collins Ave. Pittsburgh 6	Pa
NORTH ATLANTIC INDUSTRIES INC., 9, Adv Pg 344	Terminal Dr. Plainview	NY
Nothelfer Winding Labs., Inc., 1-2-3-4-5-6-7-8-9-10-11-12-13	P.O. Box 445, Trenton 3	NJ
Oaktron Electric Co., 8	Tinley Park	Ill
OHMITE MFG. CO., 9, Adv Pgs 276, 277	3601 Howard St. Skokie	Ill
Oregon Electronic Mfg. Co., 2-5-6-8	2105 SE 6th Ave. Portland	Ore
ORTHO MAGNETICS INC., 1-3-5-6-7-8, Adv Pg 286	7 Peterson St. Paterson 1	NJ
Osborne Electric Co. Ltd., 1-2-3-5-6-7-9	95 Wesley St. Toronto 18	Ont
Osborne Electronics Corp., 1-2-3-4-5-6-7-8-9-10-11	712 SE Hawthorne Blvd. Portland 14	Ore
Osborne Transformer Corp., 1-2-3-4-5-6-7-8	3834 Mitchell Ave. Detroit 7	Mich
OVITRON CORP., 11, Adv Pg 540	42-62 Johnes St. Newburgh	NY
OXFORD ELECTRIC CORP., 5-6-7-10, Adv Pg 539	3911 S Michigan Ave. Chicago 53	Ill
PCA ELECTRONICS INC., 7, Adv Pg 208	16799 Schoenborn St. Sepulveda	Cal
Pacific Magnetic Corp., 2-3-6-7-8	Electronic Center, Rosamond	Cal
Palo Alto Engineering Co., 1-2-3-4-5-6-7-8-10-11	620 Page Mill Rd, Palo Alto	Cal
Perkin Electronics Corp., 3	345 Kansas St. El Segundo	Cal
Permaflux Products Co., 7-9	4101 San Fernando Rd. Glendale	Cal
Peschel Electronics, Inc., 2	Rt. 216, Towners, Patterson	NY
Philips Electronic Instruments, 13	750 S. Fulton Ave, Mt. Vernon	NY
Picker X Ray Corp., 13	White Plains	NY
Polyphase Instrument Co., 2	E. 4th St, Bridgeport	Pa
Power Equipment Co., 1-3-5-6-7-8-11	Portland Way N, Galion	Ohio
PRECISE MEASUREMENTS CO., 2-10 Adv Pg 372	R.D. 1, Millbrooke Rd. Flemington	NJ
Precision Electronics, 1-2-3-4-5-6-7-8-10-11-12-13	407 Plain St, Marshfield	Mass
Precision Electronics Inc., 1-2-3-4-5-6-7-8-9-10-11	46 Merrick Rd, Rockville Centre	NY
Prototype Transformer Corp., 1-2-3-4-5-6-7-8-10-13	1 Henry St, Bloomfield	NJ
Radiation at Stanford, 1-3-4-5-7	3180 Hanover St. Palo Alto	Cal
Radio Engineering Labs. Inc., 2-4-5-6-8	29-01 Borden Ave, Long Island City 1	NY
Ram Electronics, Inc., 1-2-3-5-6-7-8-9-13	600 Industrial Ave, Paramus	NJ
Ramyr Mfg Co., 2-3-5-8-11-13	1779 N Main St, Los Angeles 31	Cal
Ratelco, 1-8	620 Minor Ave, N, Seattle	Wash
RAYTHEON CO. COMMER APPAR & SYSTEMS DIV., 11, Adv Pg 41	225 Crescent St. Waltham 54	Mass
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., 6-11, Adv Pg 37	411 Providence Tnpk. Westwood	Mass
RAYTHEON CO. MICROWAVE & POWER TUBE DIV., 1-2-3-4-5-6-7-8-9-10-12-13, Adv Pgs 38, 39	Spencer Lab Wayside Ave. Burlington	Mass
REDMAN ELECTRONICS CORP., 2, Adv Pg 432	Box 72, Thompsonville	Conn
Rytan Co. Inc., 3-7-8-11	7303 Lankershim Blvd. N Hollywood	Cal
S N C Mfg Co. Inc., 1-2-3-4-8-12-13	Box 271, Oshkosh	Wis
Sangamo Electric Co., 1-2-3-4-7-8-13	1201 N. 11 St, Springfield	Ill
SATURN ELECTRONICS CORP., 1-2-3-4-5-6-7-8-9-10-11-12-13, Adv Pg 558	10665 Harry Hines Blvd. Dallas 20	Tex
Schary Bros, Inc., 12	4915 W 67 St, Chicago 38	Ill
Shawmut Engineering Co., 8	185 Freeport St, Boston	Mass
Signal Transformer Co., 1-2-3-4-5-6-7-8-10-11	1502 McDonald Ave, Brooklyn 30	NY
SOLA ELECTRIC CO., 11, Adv Pgs 189-192	4633 W 16th St. Chicago 50	Ill
SORENSEN & CO. INC., 11, Adv Pg 40	Richards Ave. Norwalk	Conn
Sorensen Industrial Electronic Co., 3-11	Route 10, Dover	NJ
Sparton Corp., 1-2-3-4-5-6-7-8-9-10-11	2400 E Ganson St. Jackson	Mich
SPELLMAN HIGH VOLTAGE CO., 1-2-3-4-5-7-8-9, Adv Pgs 176, 177	1930 Adee Ave. Bronx 69	NY
Sperry Gyroscope Co. Div. Sperry Rand Corp., 2-7	Great Neck	NY
STANCOR ELECTRONICS INC., 2-3-4-5-6-7-8-9-10-11, Adv Pg 503	3501 W Addison St. Chicago 18	Ill
Standard Electrical Products Co., 2-3-5-6-7-8-9-11	2240 E 3rd St. Dayton 3	Ohio
Standard Electronics Div Reeves Instrument Corp., 1-2-3-4-5-6-7-8-9-12	Lakewood Rd. Farmingdale	NJ
Standard Tel. & Cables Ltd., 6	21 Glasshouse Yard, London	Eng
Stanley Transformer Co., 1-2-3-4-5-6-7-8-10-11-12	31-23 Vernon Blvd. Long Island City	NY
Sterling Transformer Corp., 1-2-3-4-5-6-7-8-10-11-12	500 Driggs Ave, Brooklyn 11	NY
Superior Electric Co., The, 9	383 Middle St. Bristol	Conn
Sylvania Photolamp & Special Products, 1-2-3-4-5-6-7-8-9-10-11-12-13	60 Boston St. Salem	Mass
TECHNICAL APPARATUS BUILDERS, 2-3-5-6, Adv Pg 529	109 Liberty St. New York 6	NY
Telex, 5	Telex Park, St Paul 1	Minn
Thor Transformer & Elecs Div., 1-2	750 San Antonio Rd. Palo Alto	Cal
Thordarson-Meissner Mfg. Co., 1-2-3-4-5-6-7-8-9-10-11-12-13	7th & Belmont Ave, Mt. Carmel	Ill
TODD ELECTRIC CO. INC., 2-3-4-5-6-7-8-9-10, Adv Pg 489	6 Brook St. Yonkers	NY
Topaz Transformer Products Inc., 3	7640 Girard Ave. La Jolla	Cal
Toroids Unlimited Inc., 2-3-4-6-7-8	3835 Terrace St. Philadelphia 28	Pa
TOROTEL INC., 1-2-3-4-5-6-7-8-11, Adv Pg 496	5512 E 119th St. Kansas City 37	Mo

TORWICO ELECTRONICS INC., 3-6-7-8, Adv Pgs 491, 492	Route 70, Lakewood	NJ
TOYO TRADING CO. LTD., 9, Adv Pg 260	P. O. Box 999, Central Tokyo	Jap
Transformer Engineers, 1-2-3-4-5-6-7-8-12-13	285 N. Halstead Ave, Pasadena	Cal
Transformer Specialty Co., 1-2-3-5-6-7-8-10-12	1400 Mill Creek Rd. Glandwyne	Pa
Transonic Inc., 1-2-3-4-5-6-7-8-10	808 16th St. Bakersfield	Cal
TRENTON TRANSFORMER CORP., 1-2-3-5-6-7-12, Adv Pg 47	Box 5688, Trenton	NJ
Tresco Inc., 1-2-3-4-5-6-7-8-9-10-11-12-13	3824 Terrace St. Philadelphia 28	Pa
Triad Transformer Corp., 2-3-4-5-6-7-10	4055 Redwood Ave. Venice	Cal
Trend Products Ltd., 12	1817 S. Clark St. Chicago	Ill
Ulmer Co., H. W., 12	2941 San Luis Rey Rd. Oceanside	Cal
Union Electric & Mfg. Corp., 1-2-3-4-6-7-8-10	1157 Summit Ave, Jersey City	NJ
U. S. Electronics Corp., 6	276 Warren St. Lyndhurst	NJ
UNITED TRANSFORMER CORP., 1-2-3-4-5-6-7-8-9-10-11-12-13, Adv Pg 2nd Cover 1, 2	150 Varick St. New York 13	NY
Universal Toroid Coil Winding Inc., 2-3-4-6-7-8	171 Ebcott St. Irvington 11	Ill
Utrad Corp. Div. Litton Ind., 1-2-3-4-5-6-7-8-10	105 N Briant, Huntington	Ind
Valor Instruments, Inc., 1-8	13214 Crenshaw Blvd. Gardena	Cal
VARO INC., 1-2-3-4-5-6-7-8-9-10-11-12-13, Adv Pg 118	2201 Walnut St. Garland	Tex
Vernistat Div. Perkin-Elmer Corp., 9	769 Main Ave. Norwalk	Conn
Vibration Research Labs. Inc., 2-7-8-10	58 Marbledale Rd. Tuckahoe	NY
Victory Electronics, Inc., 8	50 Bond St. Westbury	NY
Virginia Electronics Co., Inc., 2-3-4-5-6-7	5219 River Rd, Washington 16	DC
Wahlgren Magnetics, Div., Marshall Ind., 1-3-4-7-8-10-11	1900 Walker Ave, Monrovia	Cal
Westinghouse-Distribution Transformer Dept., 2-5	Sharon	Pa
Westinghouse-Spec. Transformer Dept., 2-3-4-8	Greenville	Pa
WHEELER ELECTRONIC CORP. SUB. SPERRY RAND CORP., 2-3-4-5-6-7-8-10, Adv Pg 498	150 E Aurora St. Waterbury 20	Conn
Wiegand Mfg Co., 8	892 Balfour St. Valley Stream	NY
Workman TV Products, Inc., 3-5-8-10	Box 5397, Sarasota	Fla
X-Ray Products Corp., 13	7829 Industry Ave, Pico-Rivera	Cal
YUTAKA ELECTRIC MFG. CO. LTD., 2-3-4-5-6-8-9-10-11, Adv Pg 264	1-1253 Yutaka-cho, Shinagawa-ku, Tokyo	Jap
Zenith Radio Corp., 5	6001 Dickens Ave, Chicago 39	Ill

TRANSFORMERS —IRON-CORE & FERRITE-CORE, SPECIAL

1. FOIL-WOUND
2. INSTRUMENT
3. PRECISION-MATCHED
4. PRECISION VOLTAGE-DIVIDING
5. PULSE
6. TV, HORIZONTAL DEFLECTION (FLYBACK)
7. TV, VERTICAL DEFLECTION (DIFFERENTIAL)

AC Electronics, Inc., 1-2-3-4-5	1175 Mississippi Ave. Los Angeles 25	Cal
ACDC ELECTRONICS, INC., 2-3-4-5, Adv Pg 182	2979 N Ontario St. Burbank	Cal
ADC, INCORPORATED, 1-2-3-4-5, Adv Pg 150	2833 13 Ave. S, Minneapolis 7	Minn
AR & T Electronics, Inc., 3-5	1101 McAlmont St., Little Rock	Ark
ACME ELECTRIC CORP., 7, Adv Pg 173	Water St. Cuba	NY
Advance Ross Electronics Corp., 6-7	2538 Peterson Ave. Chicago 45	Ill
Airdesign Corp., 1-2-3-4-5	Box 987, Norristown	Pa
AIRPAX ELECTRONICS INC. CAMBRIDGE DIV., 5, Adv Pg 106	Cambridge	Md
Aladdin Electronics Div of Aladdin Industries Inc., 5	711 Murfreesboro Rd, Nashville 10	Tenn
Allen Avionics Inc., 3-5	255 E 2nd St. Mineola	NY
Altec Lansing Corp., 1-3-4	1515 S Manchester Ave. Anaheim	Cal
AMP INC., 1-5, Adv Pgs 65, 183	Eisenhower Blvd. Harrisburg	Pa
Applied Components Inc., 3-4	401 E Beach Ave. Inglewood 3	Cal
Arco Transformer & Electric Co., 2-3-7	1602 S. Hanna St, Fort Wayne	Ind
Artronic Instrument Co., 5	11232 Triangle Ln, Silver Spring	Md
Arnold Co., Inc., 5	357 Worthington St, Springfield 3	Mass
ASSOCIATED RESEARCH, INC., 2, Adv Pg 218	3788 W Belmont Ave. Chicago 18	Ill
Astrosystems Inc., 3-4	220 E 23rd St. New York 10	NY
Atlantic Transformer Corp., 5	31 Hynes Ave. Groton	Conn
Atlas Coil Inc., 1-2-3-4-5-6-7	63 Main St. Ansonia	Conn
ATLAS ENGINEERING CO. INC., 5, Adv Pg 100	18 Cheney St. Roxbury	Mass
Avco Corp. Electronics & Ordnance Div., 1	Box 116, Cincinnati 15	Ohio
AXEL ELECTRONICS INC., 5, Adv Pg 398	134-20 Jamaica Ave. Jamaica 18	NY
Ballantine, Div., Telex, Inc., 5	1701 N. Calhoun St, Ft. Wayne 7	Ind
Barwood Electronics, Inc., 2-4	175 S Maryland Ave. Glendale 5	Cal
Basler Electric Co. Magnetic Components, 1-2-3-4-5	Box 269, Highland	Ill
Bayly Engineering Ltd., 4-5	Hurst St. Ajax	Ont
Berkshire Laboratories, 5	11-30 Kingsford Rd. Hanover	NH
Bittermann Electric Co. Inc., 1-2-5	Box 807, Canaan	Conn
BULOVA WATCH CO. INC. ELECTRONICS DIV., 2-3-5, Adv Pg 427	61-10 Woodside Ave. Woodside 77	NY
Bundy Electronics Corp., 2-3	173 Fuller Pl, Newark	NJ
Burnac Electronics Co. Inc., 5	142 S Long Beach Rd. Rockville Center	NY
Bush Transformer Corp., 1-2-3-4-5	717 North St, Endicott	NY
CBC Electronics Co., Inc., 5	2601 N. Howard St, Philadelphia 33	Pa
Caddell Burns Mfg. Co., Inc., 2	40 E 2nd St. Mineola	NY
Caledonia Electronics & Transformer Corp., 3-4-5	Caledonia	NY
California Magnetic Control Corp., 1-2-3-4-5-6-7	11922 Valerio St, North Hollywood	Cal
Calmag Div. Calif. Magnetic Con. Corp., 1-2-3-4-5	11922 Valerio St. N Hollywood	Cal
Campbell Co. Inc., Colin, 1-2-3-4-5	Mary Brook Rd. Danbury	Conn
Radiation at Stanford, 5	3180 Hanover St. Palo Alto	Cal
Canadian Marconi Co., 1-5-7	2444 Trenton Ave. Montreal	Que
Canadian Research Institute, 2	46 Crellin Dr. Don Mills	Ont
Cerad Corp., 2-3-4-5	3311 Junipero Serra Blvd. Palo Alto	Cal
Carol Electronics Corp., 3	315 W. Stephen St, Martinsburg	W. Va
CELCO CONSTANTINE ENGRG LABS CO., 2-3-4-5-6-7, Adv Pg 45	Box 555, Mahwah	NJ
Central Transformer Co., 1	900 W Jackson Blvd. Chicago	Ill
Coast Coil Co., 3-4	5333 W. Washington Blvd, Los Angeles	Cal
Coil Co. of America Inc., 1-2-3-4-5	220 Washington St. Northvale	NJ
Coilcraft, Inc., 5	Cary	Ill
COMMUNICATION ACCESSORIES CO., 1-5, Adv Pg 79	Hwy. 50 & 71 By Pass, Lee's Summit	Mo
Conrad-Carson Electronics Inc., 2-3	1437 Broadway, El Cajon	Cal
Controlotron Labs., 5	2450 Susquehanna, Penn	Pa
Cornwell Electronics Corp., 1-4	84 S Water St. Byram	Conn
Cyclo Transformer Co., 5	354 Glenwood Ave, East Orange	NJ
DX Radio Products Co., Inc., 2-5-6	2300 Armitage Ave, Chicago 47	Ill
Daystrom Inc. Weston Instruments Div., 2	614 Frelinghuysen Ave. Newark 12	NJ
Dasco Instruments, 2-3-4	14737 Arminta St. Van Nuys	Cal
Developmental Electronics Corp., 3-5	4213 S. Broadway, Los Angeles	Cal
DIETZ DESIGN, INC., 3-4-5, Adv Pg 226	Grandview 6	Mo
Dresser Electronics, HST Div., 1-2-3-4-5	555 N 5th St. Garland	Tex
EIR Corp., 2-4	5177 Overland Ave, Culver City	Cal
EMP Electronics Research Labs. Inc., 5	3131 N 24th Ave. Phoenix	Ariz
Elcor, Inc., 2	1225 W. Broad St, Falls Church	Va
Electran Mfg. Co., 2	1909 N. Clybourn, Chicago	Ill
Electrical Windings, Inc., 2	2015 N Kolmar Ave, Chicago 39	Ill
Electro Engineering Works, 2-3-4	401 Preda St, San Leandro	Cal
Electro-Winders Co., Inc., 3-5	854 W. Front St, Covina	Cal
Electrodynamic Instrument Corp., 2-3-4	1841 Old Spanish Trail, Houston 25	Tex
El-Rad Mfg Co., 5-6	4300 N California Ave. Chicago 18	Ill
Epco Products, Inc., 5	Box 298, Wallkill	NY
Epsco Inc. Components Div., 3-4-5	275 Massachusetts Ave. Cambridge 39	Mass
ERIE RESISTOR CORP., 5, Adv Pgs 200, 201	644 W 12th St. Erie 6	Pa
ESSEX ELECTRONICS, DIV NYTRONICS, INC., 5, Adv. Pgs. 210, 211	550 Springfield Ave. Berkeley Heights	NJ
Ferranti Electric Inc., 1	Industrial Park #1, Plainview	NY
Ferro-Magnetics Co., 2-3-4-5	989 Commercial St, Palo Alto	Cal
Forbes & Wagner, Inc., 5	345 Central Ave. Silver Creek	NY
Forest Electric Co., 1-2-3-4-5	1000 N 25th Ave. Melrose Park	Ill
Foster Transformer Co., 5	3820 Colerain Ave. Cincinnati 23	Ohio
GENERAL CERAMICS DIV. INDIANA GENERAL CORP., 5-6-7, Adv Pg 77	Keasbey	NJ
GENERAL ELECTRIC CO. APPARATUS SALES, 4-5, Adv Pgs 8, 9	1 River Rd. Schenectady 5	NY
General Instrument of Canada Ltd., 6	151 Weber St. S, Waterloo	Ont
GENERAL MAGNETICS, INC., 2-5, Adv Pg 543	Dept B, 2641 Louisiana Ave. Mpls 26	Minn
Geotronic Labs. Inc., 1-2-3-4	1314 Cedar Hill Ave. Dallas 8	Tex
Gertsch Products, Inc., 3-4	3211 S. La Cienega, Los Angeles 16	Cal
Globe Electronics, Div. Textron Electronics, Inc., 3	22-30 S. 34th St., Council Bluffs	Iowa
Gonkin Electric & Mfg. Co., 1-2-3-4-5	2571 N. Olive St, Burbank	Cal
Guteman Co., The, 5	340 N. Huron St, Chicago 10	Ill
Hadley Co., Inc., Robert M., 1-2-3-4-5	5112 S. Hoover St, Los Angeles 37	Cal
Hammond Mfg Co. Ltd., 1-2-3-4-5-7	Guelph	Ont
Harder Co., Donald C., 5	2580 K St. San Diego	Cal
Hathaway Instruments Inc., 3	5802 E Jewell Ave. Denver 22	Colo
Hisonic, Inc., 2-3-4	Box 534, Shawnee	Kan
IKEGAMI TSUSHINKI CO. LTD., 5-6-7, Adv Pg 266	21 Motoki-cho, Kawasakishi, Kanagawa	Jap
Inductor Engineering Inc., 5	119 Schley Ave. Lewes	Del
Industrial Transformer Co., 1-2-3-4-5	Box 156, West Caldwell	NJ
Intercontinental Electronics Corp., 4	300 Shames Dr. Westbury 29	NY
JB Electronic Transformers, Inc., 1-2-3-4-5	2310 W Armitage Ave. Chicago 47	Ill
JFD ELECTRONICS CORP., 3-4-5, Adv Pgs 406, 407	6101 16th Ave. Brooklyn 4	NY
Jack & Heintz Div. Siegler Corp., 2	Box 6719, Cleveland 1	Ohio
James Electronics Inc., 2-3-4-5	4050 N. Rockwell St. Chicago 18	Ill
Johnson Electronics Inc., 5	Box 1675, Casselberry	Fla
K-V Transformer Corp., 1-2-3-4-5	20 E. Franklin St, Danbury	Conn
Keystone Products Co., 3-4-5	904-6 23 St. Union City	NJ
Knopp, Inc., 3-4	1307 66 St. Oakland 8	Cal
Laboratory For Electronics, Inc., 1-2-5	1079 Commonwealth Ave. Boston 15	Mass
Liquidometer Corp., 2	41-01 36th St. Long Island City 1	NY
Lockheed Electronics Co. Military Sys Div., 5	US Hwy. 22, Plainfield	NJ
Lockheed Electronics Corp. Avionics & Ind Prods Div., 2-5	Randolph St. Los Angeles 22	Cal
Lumen, Inc., 2-3-4	P.O. Box 308, Joliet	Ill
Luther Electronic Mfg. Co., 5	5709 W. Washington Blvd, Los Angeles 16	Cal
McGregor Electronic Industries, 2-5	McGregor	Iowa
Magnaelectric Corp., 5	Box 6096, Tulsa	Okla
Magnetic Circuit Elements, Inc., 3-5	3722 Park Pl, Montrose	Cal
Magnetic Specialties Inc., 2-5	Box 476, Trenton 3	NJ
Magneticomp Inc., 2-3-4	6 Richter Ct. E Northport	NY
Melco Products, Inc., 5	301 Fifth Ave S., Minneapolis 15	Minn
Melcor Electronics Corp., 2	48 Toledo St. Farmingdale	NY
Merit Coil & Transformer Corp., 6-7	2027 Sherman St. Hollywood	Fla
Metropolitan Telecommunications Corp., 1-2-3-4-5	Ames Ct. Plainview	NY
Microdot, Inc., 5	220 Pasadena Ave. South Pasadena	Cal
Microtimer Instrument Corp., 2-3-4	115 Halifax St. Roxbury	Mass
Microsecond Electronics, Inc., 5	3213 E. Washington, Phoenix	Ariz
MICROTRAN CO. INC., 2-3-4, Adv Pg 553	145 E Mineola Ave. Valley Stream	NY
Microtran Inc. Pyrocircuits Div., 2	6 Manhasset Ave. Port Washington	NY
Mid-West Coil & Transformer Co., 5-7	1642 N. Halsted St. Chicago 14	Ill
Midwest Electric Products, 2	1517 N. Front St, Mankato	Minn
MOLONEY ELECTRIC CO., 5, Adv Pgs 110, 111	5390 Bircher Blvd. St. Louis 20	Mo
Mullard Equipment, Ltd., 1-8-13	Torrington Pl. London WC 1	Eng
Motor Co., 5	1255 S. Michigan, Chicago 5	Ill
National Coil Co., 2-3	Box 1237, Sheridan	Wyo
Nesco Instruments Inc., 2	638 W 17th St. Costa Mesa	Cal
New England Transformer Co., 1-2-3-4-5-6-7	47 McGrath Hwy. Somerville	Mass
New York Coil Co. Inc., 2	Phoenixville 12	Pa
New York Transformer Co. Inc., 2-3-4-5-7	3rd Ave. Alpha	NJ
Newport Scientific Co., 2	638 W 17th St. Costa Mesa	Cal
NORTH ATLANTIC INDUSTRIES INC., 2-3-4, Adv Pg 344	Terminal Dr. Plainview	NY
NORTH HILLS ELECTRONICS INC., 5, Adv Pg 505	Glen Cove	NY
Nothelfer Winding Labs. Inc., 1-5	Box 455, Trenton 3	NJ
Oaktron Electric Co., 3	Tinley Park	Ill
ORTHO MAGNETICS INC., 2-5, Adv Pg 286	7 Paterson St. Paterson 1	NJ
Osborne Electric Co. Ltd., 2	95 Wesley St. Toronto 18	Ont
Osborne Electronics Corp., 2-3-4-5	712 SE Hawthorne Blvd. Portland 14	Ore
OVITRON CORP., 2-3-4-5-6-7, Adv Pg 540	42-62 Johnes St. Newburgh	NY
PCA ELECTRONICS INC., 5, Adv Pg 208	16799 Schoenborn St. Sepulveda	Cal
Pacific Magnetic Corp., 2-3-4-5	Electronic Center, Ramona	Cal
Palo Alto Engineering Co., 2-3-4-7	620 Page Mill Rd. Palo Alto	Cal
Pearson Electronics, Inc., 2-5	707 Urban Ln, Palo Alto	Cal
Penn Transformer Corp., 6	Bellefonte	Pa
Permaflux Products Co., 5	4101 San Fernando Rd. Glendale	Cal
PHYSICS RESEARCH LABS. INC., 2, Adv Pg 478	Box 555, Hempstead	NY
Polyphase Instrument Co., 5	E 4th St. Bridgeport	Pa
Precision Electronics, 1-2-3-4-5	427 Plain St. Marshfield	Mass
Prototype Transformer Corp., 1-2-3-4-5	1 Henry St. Bloomfield	NJ
Pulse Engineering, Inc., 5	560 Robert Ave, Santa Clara	Cal
Radiation at Stanford, 5-7-15-16	3180 Hanover St. Palo Alto	Cal
Ram Electronics, Inc., 2-3-5-6-7	600 Industrial Ave, Paramus	NJ
Ratelco, 1	820 Minor Ave. N, Seattle	Wash
Raypar, Inc., 6	7800 W. Addison St, Chicago	Ill
RAYTHEON CO. MICROWAVE & POWER TUBE DIV., 1-2-3-4-6-7, Adv Pgs 38, 39	Spencer Lab Wayside Ave. Burlington	Mass
REDMAN ELECTRONICS CORP., 5, Adv Pgs 432	P. O. Box 72, Thompsonville	Conn
RIXON ELECTRONICS INC., 3-5, Adv Pg 412	2414 Reedie Dr. Silver Spring	Md
Rola Co., Div., Muter Co., 6-7	2530 Superior Ave, Cleveland 14	Ohio
Rotek Instrument Corp., 4	733 Concord Ave. Cambridge 38	Mass
Rytron Co., Inc., 2-3-4-5	7100 Lankershim Blvd, North Hollywood	Cal
S N C Mfg Co. Inc., 1-2-4	Box 277, Oshkosh	Wis
Sangamo Electric Co., 3-5	1301 N. 11 St, Springfield	Ill
SATURN ELECTRONICS CORP., 2-3-4-5, Adv Pg 558	10665 Harry Hines Blvd. Dallas 20	Tex
Servomechanisms/Inc., 2-3-4-5	200 N Aviation Blvd. El Segundo	Cal
Shawmut Engineering Co., 5	195 Freeport St. Boston	Mass
Sickles, F.W., Div. General Instrument Corp., 6	165 Front St. Chicopee	Mass
Signal Transformer Co., 1-3-4-5	1661 McDonald Ave, Brooklyn 30	NY
Smallwood Ltd., S. G., 6	391-397 King St. E, Kitchener	Can
Sparton Corp., 3-4-5	2400 E Ganson St. Jackson	Mich
Sperry Gyroscope Co. Div. Sperry Rand Corp., 3-4-5-7	Great Neck	NY
Sprague Electric Co., 4-5	125 Marshall St. North Adams	Mass
STANCOR ELECTRONICS INC., 5-6-7, Adv Pg 503	3501 W Addison St. Chicago 18	Ill
Standard Electrical Products Co., 6-7	2240 E 3rd St. Dayton 3	Ohio
Standard Electronics Div Reeves Instrument Corp., 5-6-7	Lakewood Rd. Farmingdale	NJ
Stanley Transformer Co., 1-2-5	31-23 Vernon Blvd, Long Island City	NY
Sterling Transformer Corp., 1-2-3-4-5	512 Driggs Ave. Brooklyn 11	NY
Steward Mfg Co., D.M., 5-6-7	3600 Jerome Ave. Chattanooga 1	Tenn
Sylvania Photolamp & Special Products, 1-2-3-4-5-6-7	60 Boston St. Salem	Mass
Technical Engineering Co., 5	1952 E. Allegheny Ave, Philadelphia 34	Pa
Tele Coil Co. Inc., 6-7	2733 Saunders St. Camden 5	NJ
Telecomputing Corp. Elec Comps Div., 5	12838 Saticoy St. North Hollywood	Cal
Telex, 3-4-5	Telex Park, St Paul 1	Minn
Thordarson-Meissner Mfg. Co., 1-2-3-4-5-6-7	7th & Belmont Ave, Mt. Carmel	Ill
TODD ELECTRIC CO. INC., 2-5-7, Adv Pg 489	6 Brook St. Yonkers	NY
Toroidal Components Co., 5	1374 E. Walnut St, Pasadena	Cal
TOROTEL INC., 1-2-3-4, Adv Pg 496	5512 E 110th St. Kansas City 37	Mo
TOROTRON CORP., 2-3-4-5, Adv Pg 234	256 E 3rd St. Mt Vernon	NY
TORWICO ELECTRONICS INC., 2-3-4, Adv Pgs 491, 492	Route 70, Lakewood	NJ
Transformer Engineers, 2-3-4-5	285 N. Halstead Ave, Pasadena	Cal
Transformer Specialty Co., 2-5	1400 Mill Creek Rd. Glandwyne	Pa
Translite Electronics Corp., 5	5720 W. Armitage Ave, Chicago 39	Ill
Transonic Inc., 2-3-4-5	808 16th St. Bakersfield	Cal
Tresco Inc., 1-2-3-4-5-6-7	3824 Terrace St. Philadelphia 28	Pa
Triad Transformer Corp., 2-3-4-5-6-7	4055 Redwood Ave. Venice	Cal
United Aerotronics Corp., 2	Box 238, Burlington	NJ
UNITED TRANSFORMER CORP., 2-3-4-5, Adv Pg 2nd Cover 1, 2	150 Varick St. New York 13	NY
Universal Toroid Coil Winding Inc., 5-6	171EB Colt St. Irvington 11	NJ
Utrad Corp. Div. Litton Ind., 1-2-3-5	305 N Briant, Huntington	Ind
Valor Instruments, Inc., 3-5	13214 Crenshaw Blvd. Gardena	Cal
VARO INC., 1-2-3-4-5-6-7 Adv Pg 118	2201 Walnut St Garland	Tex
Virginia Electronics Co., Inc., 1-2-3-4-5	5219 River Rd. Washington 16	DC
VITRO ELECTRONICS DIV. VITRO CORP., 14-15-16-17 Adv Pgs 309, 310	919 Jesup Blair Dr. Silver Spring	Md
Wahlgren Magnetics, Div., Marshall Inc., 3-5	1900 Walker Ave, Monrovia	Cal
Wayne Kerr Corp., 2	1633 Race St. Philadelphia 3	Pa
Wells Electronics Co., 2-3-5	1701 S Main St. South Bend 23	Ind
Westinghouse-Spec. Transformer Dept., 1-5	Greenville	Pa
WHEELER ELECTRONIC CORP. SUB. SPERRY RAND CORP., 2-3-5, Adv Pg 498	150 E Aurora St. Waterbury 20	Conn
Wiegand Mfg Co., 5	892 Balfour St. Valley Stream	NY
Wirco Electronics, Inc., 1	11687 McBean Dr. El Monte	Cal
Wright-Zimmerman Inc., 6	New Brighton, St Paul 12	Minn

TRANSFORMERS —MATRIX

ACME ELECTRIC CORP., Adv Pg 173	Water St. Cuba	NY
Allen Avionics Inc	255 E 2nd St. Mineola	NY
California Magnetic Control Corp	11922 Valerio St, North Hollywood	Cal
COMMUNICATION ACCESSORIES CO., Adv Pg 79	Hwy 50 & 71 ByPass, Lee's Summit	Mo
Djeco, Div., Djordjevic Engrg Co	1930 N. Damen, Chicago 47	Ill
GENERAL CERAMICS DIV. INDIANA GENERAL CORP., Adv Pg 77	Keasbey	NJ
Harder Co., Donald C	2580 K St. San Diego	Cal
James Electronics Inc	4050 N. Rockwell St. Chicago 18	Ill
K-V Transformer Corp	20 E. Franklin St, Danbury	Conn
Lockheed Electronics Corp. Avionics & Ind Prods Div	Randolph St. Los Angeles 22	Cal
Magnetics Research Co	255 Grove St, White Plains	NY
Metropolitan Telecommunications Corp	Ames Ct. Plainview	NY
MICROTRAN CO. INC., Adv Pg 553	145 E Mineola Ave. Valley Stream	NY
Mid-West Coil & Transformer Co	1642 N. Halsted St. Chicago 14	Ill
National Coil Co	Box 1237, Sheridan	Wyo
New England Transformer Co	47 McGrath Hwy. Somerville	Mass
Prototype Transformer Corp	1 Henry St. Bloomfield	NJ
RIXON ELECTRONICS INC., Adv Pg 412	2414 Reedie Dr. Silver Spring	Md
Servomechanisms/Inc	200 N Aviation Blvd. El Segundo	Cal
Sparton Corp	2400 E Ganson St. Jackson	Mich
Sperry Gyroscope Co. Div. Sperry Rand Corp	Great Neck	NY
Standard Electronics Div Reeves Instrument Corp	Lakewood Rd. Farmingdale	NJ
Sylvania Photolamp & Special Products	60 Boston St. Salem	Mass
Thordarson-Meissner Mfg. Co	7th & Belmont Ave, Mt. Carmel	Ill
TOROTEL INC., Adv Pg 496	5512 E 110th St. Kansas City 37	Mo
Tresco Inc	3824 Terrace St. Philadelphia 28	Pa
Valor Instruments, Inc	13214 Crenshaw Blvd, Gardena	Cal
VARO INC Adv Pg 118	2201 Walnut St. Garland	Tex
Wiegand Mfg Co	892 Balfour St. Valley Stream	NY

TRANSFORMERS —MICROWAVE

Airtec Inc	139 E First Ave. Roselle	NJ
Airtron, Div of Litton Industries	200 E. Hanover Ave, Morris Plains	NJ
Andrew California Corp	941 E Maryland Ave. Claremont	Cal
ARRA CORP., Adv Pg 498	27 Bond St. Westbury	NY
Basler Electric Co. Magnetic Components	Box 269, Highland	Ill

Bittermann Electric Co. Inc. ..... Box 107, Canaan ..... Conn
Bogart Mfg Corp ..... 315 Seigel St. Brooklyn 6 ..... NY
BUDD STANLEY CO. INC., Adv Pg 313 ..... **175 Eileen Way, Syosset** ..... NY
California Magnetic Control Corp ..... 11922 Valerio St. North Hollywood ..... Cal
Central Transformer Co ..... 900 W Jackson Blvd. Chicago Ill
DeMORNAY-BONARDI CORP., Adv. Pgs. 178, 179 ..... **780 S Arroyo Pkwy. Pasadena** ..... Cal
Dielectric Products Engrg. Co. Inc ..... Raymond ..... Me
DOUGLAS MICROWAVE CO. INC., Adv Pg 235 ..... **252 E 3rd St. Mt Vernon** ..... NY
E & M Laboratories ..... 15145 Califa St. Van Nuys ..... Cal
Electro Engineering Works ..... 401 Preda St, San Leandro ..... Cal
K-V Transformer Corp ..... 20 E. Franklin St, Danbury ..... Conn
Kearfott Div. Gen. Precision Inc. Microwave Prods. ..... 14844 Oxnard St. Van Nuys ..... Cal
LIECO INC., Adv Pg 398 ..... **150 Eileen Way, Syosset** ..... NY
MICROLAB, Adv Pg 356 ..... **570 W Mt. Pleasant Ave. Livingston** ..... NJ
Microwave Dynamics Corp ..... 5 Fairchild Ct. Plainview ..... NY
Mid-West Coil & Transformer Co ..... 1642 N. Halsted St, Chicago 14 Ill
N. R. K. Microwave Div. Cook Electric Co. ..... 4601 W Addison St. Chicago 41 Ill
New York Transformer Co. Inc ..... 3rd Ave. Alpha ..... NJ
Prototype Transformer Corp ..... 1 Henry St. Bloomfield ..... NJ
Pulse Engineering Inc ..... 560 Robert Ave. Santa Clara ..... Cal
Ryan Electronics Div. Ryan Aero. Co ..... 5650 Kearny Mesa Rd. San Diego 12 ..... Cal
SHIMADA PHYSICAL & CHEMICAL INDUSTRIAL CO., Adv Pg 258 ..... **415 Shibazakicho.chofu-city, Tokyo** ..... Jap
Sigma Electronics Research Corp ..... 15735 Ambaum Blvd. Seattle 6 ..... Wash
Sperry Gyroscope Co. Div. Sperry Rand Corp. ..... Great Neck ..... NY
Sperry Microwave Electronics Co ..... Box 1828, Clearwater ..... Fla
Sterling Transformer Corp ..... 510 Driggs Ave, Brooklyn ..... NY
TELERAD DIV. LIONEL CORP., Adv Pgs 220, 221 ..... **Rt 69, Flemington** ..... NJ
Tresco Inc ..... 3824 Terrace St. Philadelphia 28 ..... Pa
Turbo Machine Co ..... 840 N Main St. Lansdale ..... Pa
VARO INC Adv Pg 118 ..... **2201 Walnut St. Garland** ..... Tex
Waveline, Inc ..... P.O. Box 718, Caldwell ..... NJ

TRANSFORMERS –*TOROIDAL* See TOROIDS
TRANSFORMER WINDINGS See COILS –*WINDINGS ONLY*
TRANSIENT RECORDERS See OSCILLOGRAPHS
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TRANSISTOR CASES See CASES –*DIODE & TRANSISTOR*
TRANSISTOR CIRCUIT DEMONSTRATORS See DEMONSTRATORS
TRANSISTOR COEFFICIENT BRIDGES See BRIDGES
TRANSISTOR CURVE TRACERS See TRACERS –*TRANSISTOR CURVE*
TRANSISTOR HEADERS (BASES) See BASES –*DIODE & TRANSISTOR*
TRANSISTOR HEAT SINKS See SINKS

TRANSISTORIZED EQUIPMENT See *PRODUCT HAVING DESIRED FUNCTION*
TRANSISTOR MANUFACTURING MACHINES See MACHINES –*DIODE & TRANSISTOR MANUFACTURING*
TRANSISTOR PORTABLES See RECEIVERS –*RADIO ENTERTAINMENT*

TRANSISTORS

1. AUDIO, GERMANIUM — *7. POWER, GERMANIUM*
2. AUDIO, SILICON — *8. POWER, SILICON*
3. I-F & R-F — *9. SWITCHING, GERMANIUM*
4. MICROMINATURE, CASED — *10. SWITCHING, SILICON*
5. MICROMINATURE, UNCASED (Incl. BEAD, PASSIVATED, ETC.) — *11. TETRODE*
12. UHF
13. VHF
6. PHOTO

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ACME ELECTRIC CORP., 8, Adv Pg 173 ..... **Water St. Cuba** ..... NY
AMPEREX ELECTRONIC CORP., 1-2-3-6-7-8-9-12-13, Adv. Pgs. 214-217 ..... **230 Duffy Ave. Hicksville** ..... NY
Bendix Corp. Red Bank Div. Semiconductor Prods., 1-7-9 ..... Holmdel ..... NJ
CBS Electronics, A Div. C B S Inc., 1-3-4-7-9-10-12-13 ..... 100 Endicott St. Danvers ..... Mass
Calmag Div. Calif. Magnetic Con. Corp., 4-5 ..... 11922 Valerio St. N Hollywood ..... Cal
CLEVITE TRANSISTOR, 7, Adv Pg 143 ..... **200 Smith St. Waltham 54** ..... Mass
Computing Devices of Can. Ltd., 7 ..... Box 508, Ottawa, Ont ..... Can
Crystalonics, Inc., 2-10-11 ..... 249 5th St. Cambridge ..... Mass
Delco Radio Div. GMC, 1-7-8-9-10 ..... 700 E Firmin St. Kokomo ..... Ind
Ebauches S. A. Dept. Semiconductors, 1-6 ..... Faubourg Hopital 1, Neuchatel, Suisse
Electro Engineering Works, 3-12-13 ..... 401 Preda St, San Leandro ..... Cal
FAIRCHILD SEMICONDUCTOR CORP., 2-3-4-6-8-10-12-13, Adv Pg 336 ..... **545 Whisman Rd. Mountain View** ..... Cal
Fansteel Electronic Industries Inc., 2-8-10 ..... 439 Frelinghuysen Ave. Newark ..... NJ
FANSTEEL TRANSISTOR CORP., 2-8-10, Adv Pg 554 ..... **439 Frelinghuysen Ave. Newark 12** ..... NJ
FUJI TSUSHINKI SEIZO K.K., 1-2-6-7-8-9-10, Adv Pg 259 ..... **2, 3-Chome, Marunouchi Chiyoda-ku Tokyo** ..... Jap
General Electric Co. Semiconductor Products Dept., 1-2-3-8-9-10-11 ..... Kelley Bldg. Liverpool ..... NY
General Instrument of Canada Ltd., 2-9-10 ..... 151 Weber St. S, Waterloo ..... Ont
GENERAL INSTRUMENT CORP. SEMICONDUCTOR DIV., 1-3-4-5-6-9-10-12-13, Adv Pg 278, 279 ..... **65 Gouverneur St. Newark 4** ..... NJ
Globe Electronics, Div. Textron Electronics, Inc., 3-13 ..... 22-30 S. 34th St., Council Bluffs ..... Iowa
HITACHI LTD., Adv Pg 263 ..... **1-4 Marunouchi, Chiyoda-ku, Tokyo** ..... Jap
Hoffman Electronics Corp. Semiconductor Div., 10 ..... 1001 N Arden Dr. El Monte ..... Cal
Hughes Microwave Components Div., 4 ..... Florence & Teale, Culver City ..... Cal
Hughes Semiconductor Div., 2-3-4-10-13 ..... Box 278, Newport Beach ..... Cal
Industro Transistor Corp., 1-3-7-9-13 ..... 35-10 36th Ave. Long Island City 6 ..... NY
International Electronics Corp. (Mullard Equip), 1-2-6-7-8-9-10-11 ..... 81 Spring St. New York 12 ..... NY
Lundy Mfg Corp., 9-10 ..... Robert Lane, Glen Head ..... NY
MicroSemiconductor Corp., 4-5-13 ..... 11250 Playa Ct. Culver City ..... Cal
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Motorola, Inc. Semiconductor Prods Div., 1-3-7-9-10-12-13 ..... 5005 E McDowell Rd. Phoenix ..... Ariz
NATIONAL SEMICONDUCTOR CORP., 2-3-4-8-10-12-13, Adv. Pgs. 509, 510 ..... **Danbury** ..... Conn
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NIPPON ELECTRIC CO. LTD., 1-2-3-6-7-9-10-13, Adv Pg 267 ..... **2 Shiba Minato-ku, Tokyo** ..... Jap
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Osborne Transformer Corp., 9-10 ..... 3834 Mitchell Ave. Detroit 7 ..... Mich
Pacific Semiconductors, Inc., 8-10-12-13 ..... 12955 Chadron Ave. Hawthorne ..... Cal
PHILCO CORP. LANSDALE DIV., 1-3-4-7-8-9-10-12-13 Adv Pg 88, 89 ..... **501 Church Rd. Lansdale** ..... Pa
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Radio Dev. & Research Corp., 2-10 ..... 100 Penna. Ave. Paterson 3 ..... NJ
Rauland Corp. A Zenith Sub., 1 ..... 4245 N Knox Ave. Chicago 41 Ill
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Raytheon Co. Semiconductor Div., 1-2-3-4-7-8-9-10 ..... Gem Bldg. Waltham 54 ..... Mass
Rheem Semiconductor Corp., 2-3-4-8-10-12-13 ..... 350 Ellis St. Mountain View ..... Cal
Rollan Electric Co., 3 ..... 8233 S Princeton Ave. Chicago 20 Ill
Semiconductor Specialists, Inc., 1-2-3-7-8-9-10-12-13 ..... 5706 W North Ave. Chicago 39 Ill
Signal Transformer Co., 1-2 ..... 1661 McDonald Ave. Brooklyn 30 ..... NY
SILICON TRANSISTOR CORP., 8, Adv Pg 399 ..... **150 Glen Cove Rd. Carle Place** ..... NY
Smallbone Ltd., S. G., 3 ..... 391-397 King St. E, Kitchener ..... Can
SONY CORP., 1-2-3-4-5-6-7, Adv Pg 261 ..... **514 Broadway, New York 12** ..... NY
Sperry Semiconductor Div. Sperry Rand Corp., 2-10 ..... Norwalk ..... Conn
Sprague Electric Co., 9-10 ..... 125 Marshall St. North Adams ..... Mass
Standard Tel. & Cables Ltd., 1-2-3-4-7-8-9-10 ..... 29 Glasshouse Yard, London ..... Eng
Sylvania Elec Prods Inc. Semiconductor Div., 1-4-7-9-10-12-13 ..... 100 Sylvan Rd. Woburn ..... Mass
TECHNICAL APPARATUS BUILDERS, 4, Adv Pg 529 ..... **109 Liberty St. New York 6** ..... NY
Texas Instruments Incorporated, Semiconductor-Components Div., 1-2-3-4-6-7-8-9-10-11-12-13 ..... Box 5012, Dallas 22 ..... Tex
Thordarson-Meissner Mfg. Co., 1-2-3-4-5-6-7-8 ..... 7th & Belmont Ave. Mt. Carmel Ill
TOKYO SHIBAURA ELECTRIC CO. LTD., 1-2, Adv Pg 265 ..... **1-1, Uchisaiwai-cho, Chiyoda-ku Tokyo** ..... Jap
TRANSITRON ELECTRONIC SALES CORP., 2-3-4-5-8-10-11-13, Adv Pgs 315-318 ..... **168-182 Albion St. Wakefield** ..... Mass
TUNG-SOL ELECTRIC INC., 1-3-7-9, Adv Pgs 158, 159 ..... **1 Summer Ave. Newark 4** ..... NJ
Tyco Semiconductor Corp., 5 ..... Hickory Ln. Bear Hill, Waltham 54 ..... Mass
U.S. Transistor Corp., 1-6 ..... 51 Eileen Way, Syosset ..... NY
Utrad Corp. Div. Litton Ind., 1-2-7-8-9-10 ..... 305 N Briant, Huntington ..... Ind
Victory Electronics, Inc., 4-7 ..... 51 Bond St. Westbury ..... NY
WESTERN TRANSISTOR CORP., 3-5-8, Adv Pg 467 ..... **13021 Bellinog Ave. Gardena** ..... Cal
Westinghouse-Semiconductor Dept., 2-8-10 ..... Youngwood ..... Pa
Workman TV Products, Inc., 1-2-7 ..... Box 5507, Sarasota ..... Fla
YUTAKA ELECTRIC MFG. CO. LTD., 1-2-6-7-8-9-10, Adv Pg 266 ..... **1-1253 Yutaka-cho, Shinagawa-ku, Tokyo** ..... Jap

TRANSISTOR SOCKETS See SOCKETS
TRANSISTOR TESTERS See TESTERS –*TRANSISTOR*
TRANSISTOR-TYPE CONVERTERS –*A-C TO A-C* See CONVERTERS –*POWER*
TRANSIT CASES See BOXES –*SHIPPING*

TRANSITIONS

1. COAXIAL 2. WAVEGUIDE

A G A Corp., 1-2 ..... 1200 Duke St. Alexandria ..... Va
AINSLIE CORP., 1-2, Adv Pg 408 ..... **531 Pond St. South Braintree 85** ..... Mass
Airtec, Inc., 1-2 ..... 110 E. First Ave, Roselle ..... NJ
Airtron, Div of Litton Industries, 1-2 ..... 200 E. Hanover Ave, Morris Plains ..... NJ
ALFORD MFG. CO., 1 Adv Pg 78 ..... **299 Atlantic Ave. Boston** ..... Mass
Andrew California Corp., 1 ..... 941 E Maryland Ave. Claremont ..... Cal
Antenna Products Co. Div. All Products Co., 1 ..... Box 110, Mineral Wells ..... Tex
ANTENNA SYSTEMS, INC., 1-2, Adv Pg 428 ..... **Hingham Industrial Center, Hingham** ..... Mass
Ardwin Microlab Inc., 1-2 ..... 21 Spencer St. Stoneham 80 ..... Mass
ARRA CORP., 1-2, Adv Pg 498 ..... **27 Bond St. Westbury** ..... NY
Aviel Electronics, Inc., 1-2 ..... 1755 Berkeley St. Santa Monica ..... Cal
Belz Industries Inc., 2 ..... 89 Union St. Mineola ..... NY
Bogart Mfg. Corp., 1-2 ..... 315 Seigel St. Brooklyn 6 ..... NY
BUDD STANLEY CO. INC., 1-2, Adv Pg 313 ..... **175 Eileen Way, Syosset** ..... NY
C W S Waveguide Corp., 1-2 ..... 301 W. Hoffman Ave, Lindenhurst ..... NY
CANNON ELECTRIC CO., 1, Adv Pg 287 ..... **3208 Humboldt St. Los Angeles 31** ..... Cal
Canoga Div., Underwood Corp., 1-2 ..... 15330 Oxnard St, Van Nuys ..... Cal
Coax Devices, 1-2 ..... Box V, Chelsea 50 ..... Mass
CONTROL ELECTRONICS CO. INC., 1-2, Adv Pg 444 ..... **10 Stepar Pl. Huntington Sta** ..... NY
DeMORNAY-BONARDI CORP., 2, Adv. Pgs. 178, 179 ..... **780 S Arroyo Pkwy. Pasadena** ..... Cal
Diamond Antenna & Microwave Corp., 1-2 ..... River St, Winchester ..... Mass
Dielectric Products Engrg. Co. Inc., 1-2 ..... Raymond ..... Me
Don-Lan Electronics, Inc., 1-2 ..... 1131 Olympic Blvd. Santa Monica ..... Cal
DOUGLAS MICROWAVE CO. INC., 1-2, Adv Pg 235 ..... **252 E 3rd St. Mt Vernon** ..... NY
Electrada Corp., 1-2 ..... 11244 Playa St. Culver City ..... Cal
FXR INC., 1-2, Adv Pgs 100, 101 ..... **25-26 50th St. Woodside 77** ..... NY
General Communication Co., 2 ..... 677 Beacon St, Boston 15 ..... Mass
General Microwave Corp., 1-2 ..... 47 Gazza Blvd. Farmingdale ..... NY
GENERAL RF FITTINGS INC., 1-2, Adv Pg 561 ..... **702 Beacon St. Boston 15** ..... Mass
Gombos Co. Inc. John, 2 ..... Webro Rd. Clifton ..... NJ
HALLICRAFTERS CO., 1-2, Adv Pg 385 ..... **4401 W 5th St. Chicago 24** Ill
HEWLETT-PACKARD CO., 2, Adv Pgs 19-34 ..... **1501 Page Mill Rd. Palo Alto** ..... Cal
I-T-E Circuit Breaker Co., 1-2 ..... 601 E Erie Ave. Philadelphia 34 ..... Pa
Intraspace Corp., 2 ..... 135 Orange St. Bloomfield ..... NJ
JONES ELECTRONICS CO INC, M C, SUB BENDIX CORP, 1 Adv Pg 131 ..... **185 N Main St. Bristol** ..... Conn
Kearfott Div. Gen. Precision Inc. Microwave Prods., 1-2 ..... 14844 Oxnard St. Van Nuys ..... Cal
Kennedy & Co., D.S., 2 ..... Cohasset ..... Mass
Kent Corp., F.C., 2 ..... 135 Manchester Pl, Newark 4 ..... NJ
KINGS ELECTRONICS CO. INC., 1, Adv Pg 506 ..... **40 Marbledale Rd. Tuckahoe** ..... NY
LIECO INC., 1-2, Adv Pg 398 ..... **150 Eileen Way, Syosset** ..... NY
M.O.S. Corp., 2 ..... 1001 S Mountain Ave. Monrovia ..... Cal
MARK PRODUCTS CO., 2 Adv Pg 486 ..... **5439 W Fargo Ave. Skokie** Ill
Maury & Associates, 1-2 ..... 10373 Mills Ave, Montclair ..... Cal
Meridian Metalcraft, Inc., 2 ..... 8739 S Millergrove Dr. Whittier ..... Cal
Metlabs, Inc., 1-2 ..... 41-48 162 St. Flushing 58 ..... NY
MICROLAB, 1-2, Adv Pg 356 ..... **570 W Mt. Pleasant Ave. Livingston** ..... NJ
Microphase Corp., 1-2 ..... River Rd. Cos Cob ..... Conn
Microtech, Inc., 2 ..... Milldale Rd, Cheshire ..... Conn
Microwave Associates, Inc., 2 ..... Burlington ..... Mass
MICROWAVE CORP. OF AMERICA, 1-2, Adv Pg 442 ..... **P.O. Box 278, Stamford** ..... Conn
Microwave Development Labs. Inc., 1-2 ..... 15 Strathmore Rd. Natick ..... Mass
Microwave Dynamics Corp., 1-2 ..... 5 Fairchild Ct. Plainview ..... NY
Microwave Semiconductor & Inst. Inc., 1-2 ..... 116-06 Myrtle Ave. Richmond Hill 18 ..... NY
N. R. K. Microwave Div. Cook Electric Co., 2 ..... 4601 W Addison St. Chicago 41 Ill
Narda Microwave Corp., 1-2 ..... Plainview ..... NY
OMEGA LABORATORIES INC., 1-2, Adv Pg 226 ..... **Box 309, Rowley** ..... Mass
PRD ELECTRONICS INC., 1-2, Adv. Pgs. 113-116 ..... **202 Tillary St. Brooklyn 1** ..... NY
PHELPS DODGE COPPER PRODUCTS CORP., 1-2, Adv Pg 165 ..... **300 Park Ave. New York 22** ..... NY
Precision Microwave Corp., 2 ..... Main St. Millis ..... Mass
Prodelin Inc., 1-2 ..... 307 Bergen Ave. Kearny ..... NJ
R.L.C. Electronics, Inc., 1-2 ..... 105 Mamaroneck Ave. Mamaroneck ..... NY
RADAR DESIGN CORP., 1-2 Adv Pg 471 ..... **Pickard Dr. Syracuse 11** ..... NY
RADAR MEASUREMENTS CORP., 2 Adv Pg 516 ..... **190 Duffy Ave. Hicksville** ..... NY
Sage Laboratories, Inc., 1-2 ..... 3 Huron Dr, Natick ..... Mass
Schutter Microwave Corp., 2 ..... 80 E Montauk Hwy. Lindenhurst ..... NY
SHIMADA PHYSICAL & CHEMICAL INDUSTRIAL CO., 2 Adv Pg 258 ..... **415 Shibazakicho.chofu-city, Tokyo** ..... Jap
Sigma Electronics Research Corp., 1-2 ..... 15735 Ambaum Blvd. Seattle 6 ..... Wash
Sperry Microwave Electronics Co., 1-2 ..... P O Box 1828, Clearwater ..... Fla
TRG Inc., 2 ..... 9 Union Sq. Somerville ..... Mass
TELERAD DIV. LIONEL CORP., 1-2, Adv Pgs 220, 221 ..... **Rt 69, Flemington** ..... NJ
Turbo Machine Co., 2 ..... 840 N Main St. Lansdale ..... Pa
Victor R.F. & Microwave Co., 2 ..... 30 W Water St. Wakefield ..... Mass
Washington Aluminum Co. Inc., 2 ..... Pa RR & Knecht Ave. Baltimore 29 ..... Md
Waveline, Inc., 2 ..... P.O. Box 718, Caldwell ..... NJ

TRANSLATORS –*COMPUTER-CODE* See CONVERTERS –*COMPUTER*

TRANSLATORS –*TELEMETERING*

GENERAL DEVICES INC., Adv Pg 518 ..... **Box 253, Princeton** ..... NJ
Molectronics Div. Motec Ind. Inc ..... 6144 Arizona Cir. Los Angeles 45 ..... Cal
RIXON ELECTRONICS INC., Adv Pg 412 ..... **2414 Reedie Dr. Silver Spring** ..... Md
Telemetrics, Inc ..... 12927 S Budlong, Gardena ..... Cal

TRANSMISSION LINES See CABLE –*COAXIAL*: CABLES –*UNSHIELDED*: STRIP TRANSMISSION LINE: WAVEGUIDES

TRANSMISSION TEST SETS –*A-F (TELEPHONY), FACSIMILE, MICROWAVE, TELETYPE, OR TV*

Atlantic Research Corp ..... Shirley Hwy. at Edsall Rd. Alexandria ..... Va
Data Products Co, Inc ..... 7300 Westmore Rd, Rockville ..... Md
HALLICRAFTERS CO., Adv Pg 385 ..... **4401 W 5th St. Chicago 24** Ill
RIXON ELECTRONICS INC., Adv Pg 412 ..... **2414 Reedie Dr. Silver Spring** ..... Md
Solartron, Inc ..... 1742 S. Zeyn St. Anaheim ..... Cal
Teletype Corp ..... 5555 W. Touhy Ave, Skokie Ill
TREPAC CORP. OF AMERICA, Adv Pgs 415, 426 ..... **30 W Hamilton Ave. Englewood** ..... NJ

TRANSMIT-RECEIVE SETS See TRANSCEIVERS
TRANSMIT-RECEIVE TUBES See TUBES-TR
TRANSMITTER MONITORS See MONITORS –*A-M & F-M TRANSMITTER*
TRANSMITTER PANELS See PANELS

TRANSMITTERS –*BROADCAST*

1. A-M — *4. TV, COLOR*
2. F-M — *5. TV, MONOCHROME*
3. STEREO A-M OR F-M — *6. SINGLE-SIDEBAND COMPATIBLE ADAPTER*

Adler Electronics, Inc., 4-5 ..... 1 Lefevre Ln, New Rochelle ..... NY
Chisholm Industries Ltd., 1-2 ..... Electronic St. Port Moody B. C. ..... Can
Continental Electronics Mfg Co. Sub Ling-Temco Electronics, Inc., 1-2-3-4-5 ..... 4212 S Buckner Blvd. Dallas 27 ..... Tex
Crosby Teletronics Corp., 3 ..... 54 Kinkel St. Westbury ..... NY
Crown Intl. Div. Int Rad & El Corp., 1-2 ..... Elkhart ..... Ind
Designers for Industry, 1-2-6 ..... 4241 Fulton Pkwy. Cleveland 9 ..... Ohio
EMI-Cossor Electronics Ltd., 3 ..... Box 578 Dartmouth NS ..... Can
Electron Corp., 1-2-3-4-5 ..... Box 5570, Dallas 22 ..... Tex
Electronics, Missiles & Commun. Inc., 4-5 ..... 262 E 3rd St. Mt. Vernon ..... NY
Gates Radio Co., 1-2-3-4-5 ..... 123 Hampshire St. Quincy Ill
General Electronic Labs, Inc., 2 ..... 8535 2nd Ave. Silver Spring ..... Md
Kahn Research Labs. Inc., 3-6 ..... 81 S Bergen Pl. Freeport ..... NY
Kaiser Aircraft & Electronics, 6 ..... 2222 N Peoria Ave. Phoenix ..... Ariz
KAY ELECTRIC CO., 4-5 Adv Pg 347, 348 ..... **Maple Ave, Pine Brook** ..... NJ
KOKUSAI ELECTRIC CO. LTD., 1-5-6, Adv Pg 254 ..... **9 Nishikubo-Sakuragawa-cho, Minato-ku Tokyo** ..... Jap
Marconi's Wireless Telegraph Co., Ltd., 1-2-4-5 ..... 750 Third Ave., New York 17 ..... NY
OKI ELECTRIC INDUSTRY CO. LTD., 1-2-5, Adv Pg 257 ..... **10 Shiba Takahama-cho Minato-ku, Tokyo** ..... Jap
Pearl Inc., 1 ..... 2624 Shelby St. Dallas 19 ..... Tex
Pye Telecommunications, Ltd., 1 ..... Newmarket Rd. Cambridge ..... Eng
Radio Engineering Labs. Inc., 2 ..... 29-01 Borden Ave. Long Island City 1 ..... NY
Redifon, Ltd., 1-2 ..... Broomhill Rd, Wandsworth, London SW 18 ..... England
Sarkes Tarzian, Broadcast Equipment Div., 4-5 ..... E. Hillside Dr. Bloomington ..... Ind
Standard Electronics Div. Reeves Instrument Corp., 2-3-4-5-6 ..... Lakewood Rd. Farmingdale ..... NJ
Standard Tel. & Cables Ltd., 1-2-6 ..... 29 Glasshouse Yard, London ..... Eng
Taber Instrument Corp., 1-2 ..... 107 Goundry St. North Tonawanda ..... NY
Telechrome Mfg Corp., 1-2 ..... 28 Ranick Ave. Amityville ..... NY
VICTOREEN INSTRUMENT CO. COMPONENTS DIV., 2 Adv Pgs 466, 493 ..... **5806 Hough Ave. Cleveland 3** ..... Ohio
WHEELER ELECTRONIC CORP. SUB. SPERRY RAND CORP., 1-2, Adv Pg 498 ..... **150 E Aurora St. Waterbury 20** ..... Conn

TRANSMITTERS –*FACSIMILE* See FACSIMILE EQUIPMENT

TRANSMITTERS –*JAMMING & COUNTERMEASURE*

Applied Technology, Inc ..... 930 Industrial Ave, Palo Alto ..... Cal
Barker & Williamson Inc ..... Canal & Beaver Sts. Bristol ..... Pa

Computing Devices of Can. Ltd	Box 508, Ottawa, Ont	Can
Continental Electronics Mfg Co. Sub Ling-Temco Electronics, Inc	4212 S Buckner Blvd. Dallas 27	Tex
Daystrom Inc. Military Elec. Div	Archbald	Pa
Designers for Industry	4241 Fulton Pkwy, Cleveland 9	Ohio
General Electric Co. Heavy Military Electronics Dept	Court St. Syracuse	NY
General Electronic Labs, Inc	8521 2nd Ave. Silver Spring	Md
Gibbs Mfg. & Research Corp.	454 N Main St. Janesville	Wis
Granger Associates	974 Commercial St, Palo Alto	Cal
HALLICRAFTERS CO., Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
Maxson Electronics Corp.	475 10th Ave. New York 18	NY
Peer Inc	2624 Shelby St. Dallas 19	Tex
Radiation at Stanford	3180 Hanover St. Palo Alto	Cal
Radio Corp. of America, Defense Electronic Prods	Bldg. 15-2, Camden	NJ
Specialty Electronics Development Corp	115 Eileen Way, Syosset	NY
Standard Tel. & Cables Ltd.	29 Glasshouse Yard, London	Eng
Trak Electronics Co. Inc	49 Danbury Rd. Wilton	Conn
Westinghouse-Electronics Div	Baltimore	Md

TRANSMITTERS — *RADAR* See RADAR

TRANSMITTERS — *RADIO COMMUNICATION*

1. AIRCRAFT	*11. PULSE-TIME MODULATION*
2. AMATEUR	*12. RAILROAD*
3. CITIZENS' RADIO	*13. SINGLE-SIDEBAND*
4. FIXED-FREQUENCY	*14. TELEMETERING*
5. F-M	*15. UHF*
6. MARINE (SHIP)	*16. VHF*
7. MICROWAVE	*17. VLF*
8. MOBILE	*18. SINGLE-SIDEBAND ADAPTER*
9. MULTIPLEX CARRIER	*19. SINGLE-SIDEBAND COMPATIBLE ADAPTER*
10. PORTABLE	

ACF Electronics Div., 5-7-15-16-17	Riverdale	Md
A G A Corp., 14	1200 Duke St. Alexandria	Va
Accurate Electronics Corp., 3	Box 935G, Elyria	Ohio
Admiral Corp., 1-5-10-13-15-16	3800 W Cortland St. Chicago 47	Ill
ADVANCED ELECTRONICS CORP., 5-14-15-16, Adv Pg 404	**2 Commercial St. Hicksville**	**NY**
Aeronautical Communication Equip., Inc., 1-4-16	3090 S.W. 37 Ave, Miami 33	Fla
Aeronautical Electronics, Inc., 4-5-6-7-8-10-12	Box 6527, Raleigh	NC
Aircraft Radio Corp., 1-15-16	Boonton	NJ
Allied Radio Corp., 2-3	100 N Western Ave. Chicago 80	Ill
Amerac, Inc., 7	Dunham Rd, Beverly	Mass
American Bosch Arma Corp., 14	320 Fulton Ave, Hempstead	NY
American Electronics Co., 2-3	178 Herricks Rd, Mineola	NY
American Elite, Inc. (Telefunken), 4-6-9-15-16-17	48-50 34 St. Long Island City 1	NY
Amtron Corp., 15	17 Felton St. Waltham	Mass
Applied Electronics Co., 3-6	213 E Grand Ave. S San Francisco	Cal
APPLIED ELECTRONICS CORP. OF NJ, 9-14, Adv Pg 518	**22 Center St. Metuchen**	**NJ**
Ascop Div., Electro-Mechanical Research, Inc., 14	P.O. Box 44, Princeton	NJ
Automation Dynamics Corp., 14	255 County Rd. Tenafly	NJ
Avco Corp., Crosley Div., 4-8-16	1329 Arlington St, Cincinnati 25	Ohio
Barker & Williamson Inc., 2-8-18	Canal & Beaver Sts. Bristol	Pa
Bendix Corp. Bendix Radio Div., 1	Baltimore 4	Md
Benrus Watch Co. Inc., 4-15	30 Cherry Ave. Waterbury	Conn
Bogart Mfg Corp., 7	315 Siegel St. Brooklyn 6	NY
Budd Electronics Inc., 1-4-5-7-8-9-14-15-16	43-22 Queen St. Long Island City	NY
BUDELMAN ELECTRONICS CORP., 5-7-9-15-16, Adv Pg 167	**375 Fairfield Ave. Stamford**	**Conn**
Cadre Industries Corp., 3-10	Box 150, Endicott	NY
Canadian Marconi Co., 1-4-5-6-7-8-11-13-14-15-16	2444 Trenton Ave. Montreal	Que
Centimeg Electronics, 15-16	312 E Imperial Hwy. El Segundo	Cal
Central Electronics, Inc., 2-13	1247 W Belmont Ave, Chicago 13	Ill
Chance Vought Corp. Vought Electronics Div., 14	Box 1500, Arlington	Tex
Chisholm Industries Ltd., 8	Electronic St. Port Moody B. C.	Can
Clegg Laboratories, 2-4-5-13-16-18	Rt. 53, Mt. Tabor	NJ
Collins Radio Co., 1-2-4-7-8-9-13-15-16	5200 C Ave. NE, Cedar Rapids	Iowa
Communications Co., Inc., 1-5-8-13-15-16-18-19	300 Greco Ave. Coral Gables 34	Fla
Computing Devices of Can. Ltd., 1-4-7-8-12-14-15-16	Box 508, Ottawa, Ont	Can
Continental Electronics Mfg Co. Sub Ling-Temco Electronics, Inc., 4-5-7-11-13-15-16-17	4212 S Buckner Blvd. Dallas 27	Tex
Cooper Development Corp., 14	2626 S. Peck Rd, Monrovia	Cal
Crosby Teletronics Corp., 13	54 Kinkel St. Westbury	NY
Dare, Inc., 1-4-5-16	Box 312, Troy	Ohio
Daystrom Inc. Military Elec. Div., 1-6-9-11-13-14-18-19	Archbald	Pa
Decitron Electronics Corp., 6-7-17	851 Shepherd Ave. Brooklyn 8	NY
Defense Electronics, Inc., 4-5-14-15-16	5451-B Randolph Rd, Rockville	Md
DeMORNAY-BONARDI CORP., 7, Adv. Pgs. 178, 179	**780 S Arroyo Pkwy. Pasadena**	**Cal**
Designers for Industry, 5-6-7-8-13-15-16-17	4241 Fulton Pkwy. Cleveland 8	Ohio
Diamond Antenna & Microwave Corp., 3	River St, Winchester	Mass
DORSETT ELECTRONICS, INC., 14, Adv Pg 299	**Box 862, Norman**	**Okla**
Dresser Electronics SIE Div., 14	10201 Westheimer Rd. Houston 42	Tex
EMI-Cossor Electronics Ltd., 4-8-10-16	Box 525 Dartmouth NS	Can
Electro-Mechanical Research, Inc., 14	P.O. Box 3041, Sarasota	Fla
Electro-Voice Inc., 2-3-4	Buchanan	Mich
ELECTRONIC INSTRUMENT CO. INC., 2-3, Adv Pg 396	**3300 Northern Blvd. Long Island City**	**NY**
ELECTRONIC PRODUCTS CORP., 4-14-15-16, Adv Pgs 545, 546	**4642 Belair Rd. Baltimore 6**	**Md**
Electronic Research & Development Co., Div. Mantel Ind Ltd., 3-4-5-8-15-16	322 10th St. NW, Calgary	Alb
Electronic Specialty Co., 1-2-4	5121 San Fernando Rd. Los Angeles 39	Cal
FXR INC., 7-11, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Fairchild Camera & Instrument Corp. Defense Prods Div., 16	Robbins La. Syosset	NY
Fanon Electronic Industries Inc., 3	475 Frelinghuysen Ave. Newark	NJ
Foxboro Co., The, 11-14	Foxboro	Mass
Frequency Standards Div. Harvard Industries Inc., 7-14	Box 504, Asbury Park	NJ
FRONTIER ELECTRONICS CO., 14-16, Adv Pg 193	**4606 Memphis Ave. Cleveland 9**	**Ohio**
FUJI TSUSHINKI SEIZO K.K., 4-5-7-8-9-10-11-, Adv Pg 259	**2, 3-Chome, Marunouchi Chiyoda-ku Tokyo**	**Jap**
Gates Radio Co., 4-5-13-15-16	123 Hampshire St. Quincy	Ill
GENERAL DEVICES INC., 14, Adv Pg 518	**Box 253, Princeton**	**NJ**
General Dynamics/Electronics, 1-4-5-6-8-11-13-14-15-16-17-18-19	1400 Carlson Rd. Rochester 3	NY
General Electronic Labs, Inc., 5-9-14-15-16	8521 2nd Ave. Silver Spring	Md
Gilfillan Bros., Inc., 7-14	1815 Venice Blvd, Los Angeles 6	Cal
Globe Electronics, Div. Textron Electronics, Inc., 2-3-4-8-10-16	22-30 S. 34th St., Council Bluffs	Iowa
Gonset Div. Young Spring & Wire Corp., 1-2-3-4-8-10-13-15-15	801 S Main St. Burbank	Cal
Granger Associates, 1-11-13	974 Commercial St. Palo Alto	Cal
HALLICRAFTERS CO., 1-2-3-4-5-6-7-8-9-10-13-16 Adv Pg 385	**4401 W 5th St. Chicago 24**	**Ill**
Hammarlund Mfg Co. Inc., 2-13-16	460 W 34 St. New York 1	NY
Heath Co. A Sub of Daystrom, Inc., 2-3-4-6-8-16-18	Benton Harbor	Mich
Hughes Microwave Components Div., 1-8-16	Florence & Teale, Culver City	Cal
ITT Federal Labs Div. ITT Corp., 7-11-15-16-17	500 Washington Ave. Nutley	NJ
International Crystal Mfg. Co., Inc., 2-3-4	18 N. Lee, Oklahoma City	Okla
Intl. Tel. & Tel. Corp. Ind. Prods. Div., 4-5-8-12-16	15191 Bledsoe St. San Fernando	Cal
Johnson Co., E.F., 2-3-8-13	Waseca	Minn
Kaar Engineering Corp., 3-4-5-6-8-10-15-16	2995 Middlefield Rd, Palo Alto	Cal
Kahn Research Labs. Inc., 13-18-19	81 S Bergen Pl. Freeport	NY
Kauke & Co. Inc., 14	1632 Euclid St. Santa Monica	Cal
Kearfott Div. Gen. Precision Inc. Microwave Prods., 7	14844 Oxnard St. Van Nuys	Cal
King Radio Corp. Inc., 1	139 S Brockway, Olathe	Kan
KOKUSAI ELECTRIC CO. LTD., 1-4-6-7-8-9-10-12-13-14-15-16-18, Adv Pg 254	**9 Nishikubo-Sakuragawa-cho, Minatoku Tokyo**	**Jap**
Land-Air, Inc., 1-3-4-5-10-16	7444 W Wilson Ave. Chicago 31	Ill
Lear Inc., 7-14-15	3171 S Bundy Dr. Santa Monica	Cal
LEL INC., 1-5-7-14-15-16-17, Adv Pg 461	**75 Akron St. Copiague**	**NY**
Lenkurt Electric Co., Inc., 7-9-13-14	1105 County Rd. San Carlos	Cal
Lettine Radio Mfg. Co., 2-4-16	62 Berkley St, Valley Stream	NY
Ling Electronics Div. Ling-Temco Electronics, Inc., 17	1515 S Manchester Ave. Anaheim	Cal
Livingston Electronic Corp., 1-4-16	Livingston 3	NJ
Lorain County Radio Corp., 6	203 9 St. Lorain	Ohio
Lynch Communication Systems Inc., 7-9-11-12-13-14-16	695 Bryant St. San Francisco 7	Cal
Lyncoach & Truck Co. Inc., 8	Oneonta	NY
Magnavox Co., 1-15	2131 Bueter Rd. Fort Wayne 4	Ind
Marconi's Wireless Telegraph Co. Ltd., 1-4-5-6-7-8-10-13-15-16	750 3rd Ave. New York 17	NY
Martin Co., 1-5-7-14-15	Mail No. G3337, Baltimore 3	Md
Maury & Associates, 7-15	10373 Mills Ave. Montclair	Cal
Maxson Electronics Corp., 7	475 10th Ave. New York 18	NY
Microdot, Inc., 14-15-16	220 Pasadena Ave. South Pasadena	Cal
Millen Mfg. Co., James, 2	150 Exchange St. Malden	Mass
Miratel, Inc., 3	1 St. SE & Richardson, New Brighton 12	Minn
Moore Associates, Inc., 14	893 American St. San Carlos	Cal
Morrow Radio Mfg. Co., 2-3-4-8-10-13	2794 Market St, Salem	Ore
Motorola Communications & Electronics, Inc., 5-7-8-10-12-15-16	4501 Augusta Blvd. Chicago 51	Ill
Multitone Electronics Ltd., 10	130 Merton St. Toronto 7	Can
National Aeronautical Corp., 1-15-16	Commerce Dr. Fort Washington	Pa
National Electronics Labs., Inc., 4-5-9-15-16	1713 Kalorama Rd N.W., Washington 9	DC
NORTHERN RADIO CO. INC., 9-14, Adv Pgs 137-139	**143-145 W 22nd St. New York 11**	**NY**
Nugent Electronics Co. Inc., 11	402 E 8th St. New Albany	Ind
Olympic Radio & TV Div. Siegler Corp., 16	34-01 38 Ave. Long Island City 1	NY
Orion Electronic Corp., 12-13-14-15-16-17	701 Columbus Ave. Tuckahoe	NY
PACKARD-BELL ELECTRONICS CORP. TECHNICAL PRODUCTS DIV., 1-15, Adv Pg 49	**12333 W Olympic Blvd. Los Angeles 64**	**Cal**
Parsons Co., Ralph M. Electronics Div., 6-14	151 S DeLacey Ave. Pasadena	Cal
Pearce Simpson, Inc., 3-6	2295 NW 14th St. Miami 35	Fla
Peer Inc., 4-13-14-15-16-17	2524 Shelby St. Dallas 19	Tex
Philco Corp. Govt & Ind Div., 4-5-7-9-11-13-14-15-16-17	4700 Wissahickon Ave. Phila 44	Pa
Philips Electronics Ind. Ltd., 3-5-6-8-16	116 Vanderhoof Ave. Toronto 17	Ont
Planetronics, Inc., 4-5-15-15	Easton	Pa
Pye Telecommunications, Ltd., 5-7-8-9-10-14-16	Newmarket Rd, Cambridge	Eng
Racal Engineering Ltd., 2-4-5-8-13-18-19	Western Rd. Bracknell, Berks	Eng
Radiaphone Co., Inc., 14	600 E Evergreen St. Monrovia	Cal
Radiation at Stanford, 7-15-16	3180 Hanover St. Palo Alto	Cal
Radiation Inc., 5-14	Melbourne	Fla
Radio Corp. of America, Defense Electronic Prods., 1-4-11-13-18	Bldg. 15-2, Camden	NJ
RADIO CORP. OF AMERICA, INDL ELECTRONIC PRODS., 3-5-6-7-8-9-10-13-15-16-17, Adv Pg 391	**Front & Cooper, Camden**	**NJ**
Radio Engineering Labs. Inc., 5-7-13-15-16	29-01 Borden Ave. Long Island City 1	NY
Radio Mfg. Engineers, Div., Electro-Voice, Inc., 2-3-13	Buchanan	Mich
Radio Specialty Mfg. Co., 10	2023 S.E. Sixth Ave, Portland 14	Ore
RAYTHEON CO. COMMER APPAR & SYSTEMS DIV., 3-6, Adv Pg 41	**225 Crescent St. Waltham 54**	**Mass**
Raytheon Co. Commun & Data Process Oper., 7-8-9-11-12	145 Boston-Providence Tpk. Norwood	Mass
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., 3, Adv Pg 37	**411 Providence Tnpk. Westwood**	**Mass**
Raytheon Co. Govt Mktg., 7-8-9-11-12	Lexington 73	Mass
Redifon Ltd., 4-5-6-8-9-10-13-16-18	Broomhill Rd. Wandsworth, London SW18	Eng
Republic Electronic Industries Corp., 1	111 Gazza Blvd. Farmingdale	NY
RIXON ELECTRONICS INC., 9, Adv Pg 412	**2414 Reedie Dr. Silver Spring**	**Md**
Rowe Industries, 6	1702 Wayne St, Toledo 9	Ohio
Ryan Electronics Div. Ryan Aero. Co., 7-10-15-16	5650 Kearny Mesa Rd. San Diego 12	Cal
Savoy Electronics Inc., 6	1314 NE 17 Ct. Box 7127, Ft Lauderdale	Fla
Schjeldahl Co., G.T., 14	P.O. Box 170, Northfield	Minn
SEG ELECTRONICS CO. INC., 2, Adv Pg 529	**12 Hinsdale St. Brooklyn 7**	**NY**
Seiscor Div. Seismograph Service Corp., 3-4-10-16	5200 E 41 St. Tulsa	Okla
SERVO CORP OF AMERICA, 11-12-14-15-16, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
SHINWA TSUSHINKI, K. K., 3-5-8-13-16, Adv Pg 260	**943 4-chome Shimotakaido, Suginami-ku, Tokyo**	**Jap**
SIERRA ELECTRONIC CORP., 7-14-15-16-17 Adv Pgs 128, 129	**3885 Bohannon Dr. Menlo Park**	**Cal**
Sierra Research Corp., 14	P.O. Box 22, Buffalo 25	NY
Simmonds Precision Prods Inc., 11-15-16	105 White Plains Rd. Tarrytown	NY
Sorensen Industrial-Electronic Co., 2-3-8	Route 10, Dover	NJ
Space Electronics Corp., 14-16-17	930 Air Way, Glendale 1	Cal
Sparton Corp., 1-4-8-9-10-11-15-16-17-18-19	2400 E Ganson St. Jackson	Mich
Spectra Electronics Co., 7-11-15-16-17	250 E 3rd St. Mt Vernon	NY
Spilsbury & Tindall Ltd., 4-5-6-8-10-13-16	120 E Cordova St. Vancouver 4	BC
Standard Electronics Div Reeves Instrument Corp., 5-16-18-19	Lakewood Rd. Farmingdale	NJ
Standard Tel. & Cables Ltd., 1-3-4-5-7-8-9-10-12-13-14-15-16	29 Glasshouse Yard, London	Eng
Sylvania Electronic Systems, 1	53 Second Ave, Waltham	Mass
Tapetone, Inc., 2-15-15-18	Box 46, Webster	Mass
TECHNICAL MATERIEL CORP., 2-4-13, Adv Pg 346	**700 Fenimore Rd. Mamaroneck**	**NY**
Tele-Communications Inc., 4-16	50 Drumm St. San Francisco 11	Cal
TELE-DYNAMICS DIV. AMERICAN BOSCH ARMA CORP., 14, Adv Pgs 196, 197	**5000 Parkside Ave. Philadelphia 31**	**Pa**
Telectrome Mfg Corp., 1-2-5-6-8-13-14-18-19	185 Dixon Ave. Amityville	NY
Telemetrics, Inc., 14	12927 S Budlong, Gardena	Cal
Telephonics Corp., 10-15	Park Ave. Huntington	NY
TELERAD DIV. LIONEL CORP., 7, Adv Pgs 220, 221	**Rt 69, Flemington**	**NJ**
Texas Instruments Incorporated, Apparatus Div Govt Prods Gr., 7-14	Box 6015, Dallas 22	Tex
Topp Industries, Inc., 1-6-15-16	5221 W. 102 St. Los Angeles 45	Cal
United ElectroDynamics Inc., 14	200 Allendale Rd. Pasadena	Cal
U.S. Science Corp., 16	5221 W. 102nd St. Los Angeles 45	Cal
Varian Associates, 7	611 Hansen Way, Palo Alto	Cal
VICTOREEN INSTRUMENT CO. COMPONENTS DIV., 3-5-10 Adv Pgs 466, 493	**5806 Hough Ave. Cleveland 3**	**Ohio**
Virginia Electronics Co., Inc., 6-8-10	5209 River Rd. Washington 16	DC
Vitro Corp of America, 14-15-16-17	261 Madison Ave. New York 16	NY
Warren Mfg. Co., Inc., 14	Newtown Rd, Littleton	Mass
Watkins-Johnson Co., 7-14	3333 Hillview Ave. Palo Alto	Cal
Webcor, Inc., 3	5610 Bloomingdale Ave. Chicago 39	Ill
Westinghouse-Electronics Div., 6-7-8-9-10-13-15-16-17	Baltimore	Md
Westrex Corp. Div. Litton Industries, 4-6-8-9-13-18-19	540 W 58th St. New York 19	NY
WHEELER ELECTRONIC CORP. SUB. SPERRY RAND CORP., 15-16, Adv Pg 498	**150 E Aurora St. Waterbury 20**	**Conn**
Wilcox Electric Co., 1-4-13-15-16-17-18-19	1400 Chestnut St. Kansas City	Mo
Wiley Electronic Products Co., 14	2045 W Cheryl Dr. Phoenix	Ariz
Winder Aircraft Corp., 1-13-17-18	Dunnellon Air Base, Dunnellon	Fla
Zenith Radio Corp., 2-13	6001 Dickens Ave, Chicago 39	Ill

TRANSMITTERS — *RADIO NAVIGATION*

1. AIRCRAFT DISTRESS BEACON	*4. RADIO RANGE*
2. DIRECTION-FINDING	*5. VHF OMNIRANGE*
3. LORAN	

Aeronautical Communication Equipment, Inc., 2	3090 S.W. 37 Ave, Miami 33	Fla
Aircraft Radio Corp., 2-4-5	Boonton	NJ
American Elite, Inc. (Telefunken), 2	48-50 34 St. Long Island City 1	NY
Avco Corp., Crosley Div., 1	1329 Arlington St, Cincinnati 25	Ohio
Barker & Williamson Inc., 2	Canal & Beaver Sts. Bristol	Pa
Benrus Watch Co. Inc., 5	30 Cherry Ave. Waterbury	Conn
Budd Electronics Inc., 2-3-4-5	43-22 Queen St. Long Island City	NY
Canadian Aviation Electronics Ltd., 1-5	Box 6030, Montreal 9	P.Q.
Cardion Electronics Inc., 2	65 Rushmore St. Westbury	NY
Collins Radio Co., 2-5	5200 C Ave. NE, Cedar Rapids	Iowa
Continental Electronics Mfg Co. Sub Ling-Temco Electronics, Inc., 3	4212 S Buckner Blvd. Dallas 27	Tex
CONTROL ELECTRONICS CO. INC., 2-5, Adv Pg 444	**10 Stepar Pl. Huntington Sta**	**NY**
Daystrom Inc. Military Elec. Div., 1-2-4	Archbald	Pa
FRONTIER ELECTRONICS CO., 1, Adv Pg 193	**4606 Memphis Ave. Cleveland 9**	**Ohio**
General Aeronautics Corp., 1-2	11935 W Jefferson Blvd. Culver City	Cal
General Communication Co., 1-5	677 Beacon St, Boston 15	Mass
General Dynamics/Electronics, 1-2	1400 Carlson Rd. Rochester 3	NY
Granger Associates, 1	974 Commercial St, Palo Alto	Cal
Hallamore Electronics Div. Siegler Corp., 1-2	714 N Brookhurst Ave. Anaheim	Cal
Hastings-Raydist, Inc.	Hampton 9	Va
ITT Federal Labs Div. ITT Corp., 3-5	500 Washington Ave. Nutley	NJ
King Radio Corp. Inc., 2-5	139 S Brockway, Olathe	Kan
KOKUSAI ELECTRIC CO. LTD., 2, Adv Pg 254	**9 Nishikubo-Sakuragawa-cho, Minatoku Tokyo**	**Jap**
Marconi's Wireless Telegraph Co. Ltd., 2-5	750 3rd Ave. New York 17	NY
Minn-Honeywell, Military Prods Gr., 2	2600 Ridgway Rd. Minneapolis 13	Minn
PACKARD-BELL ELECTRONICS CORP. TECHNICAL PRODUCTS DIV., 1, Adv Pg 49	**12333 W Olympic Blvd. Los Angeles 64**	**Cal**
Philco Corp. Govt & Ind Div., 3-5	4700 Wissahickon Ave. Phila 44	Pa
Philips Electronics Ind. Ltd., 1-2-5	116 Vanderhoof Ave. Toronto 17	Ont
Planetronics, Inc., 2	Easton	Pa
Pye Telecommunications, Ltd., 2	Newmarket Rd. Cambridge	Eng
R S ELECTRONICS CORP., 1, Adv Pg 386	**Box 11368, Sta A, Palo Alto**	**Cal**
Radio Corp. of America, Defense Electronic Prods., 1-3	Bldg. 15-2, Camden	NJ
RADIO CORP. OF AMERICA, INDL ELECTRONIC PRODS., 2-3, Adv Pg 391	**Front & Cooper, Camden**	**NJ**
Resdel Engineering Corp., 2	330 S Fair Oaks Ave. Pasadena	Cal
SERVO CORP OF AMERICA, 1-2-5, Adv Pg 314	**111 New South Rd. Hicksville**	**NY**
Simmonds Precision Prods Inc., 1	105 White Plains Rd. Tarrytown	NY
Sorensen Industrial Electronic Co., 2	Route 10, Dover	NJ
Space Electronics Corp., 2	930 Air Way, Glendale 1	Cal
Sparton Corp., 1-2-3-4-5	2400 E Ganson St. Jackson	Mich
Sperry Gyroscope Co. Div. Sperry Rand Corp., 3-4	Great Neck	NY
Standard Tel. & Cables Ltd., 2	29 Glasshouse Yard, London	Eng
Telectrome Mfg Corp., 2	185 Dixon Ave. Amityville	NY
Topp Industries, Inc., 1-2-5	5221 W. 102 St. Los Angeles 45	Cal
U.S. Science Corp., 5	5221 W. 102nd St. Los Angeles 45	Cal
Virginia Electronics Co., Inc., 4	5209 River Rd, Washington 16	DC
Vitro Corp of America, 5	261 Madison Ave. New York 16	NY
VITRO ELECTRONICS DIV. VITRO CORP., 5, Adv Pgs 309, 310	**919 Jesup Blair Dr. Silver Spring**	**Md**
Wilcox Electric Co., 5	1400 Chestnut St. Kansas City	Mo
Winder Aircraft Corp., 3	Dunnellon Air Base, Dunnellon	Fla

TRANSMITTERS — *SONAR* See SONAR

TRANSMITTING ANTENNA INSULATORS See INSULATORS –*ANTENNA*
TRANSPONDERS See RADAR –*BEACONS*
TRANSPORTS –*MAGNETIC TAPE* See TAPE DECKS
TRAPS –*ION* See MAGNETS –*PERMANENT*

TRAPS –WAVE

Allied Co. Inc	317 Worthington St. Springfield 3	Mass
Benco Television Associates, Ltd.	27 Taber Rd. Rexdale, Ont	Can
Frequency Standards, Div., Harvard Industries, Inc	P.O. Box 504, Asbury Park	NJ
Gilfillan Bros., Inc	1815 Venice Blvd, Los Angeles 6	Cal
Miller Mfg. Co., James	150 Exchange St, Malden	Mass
Miller Co., J.W.	5917 S Main St. Los Angeles 3	Cal

TRAVELING-WAVE TUBE AMPLIFIERS See AMPLIFIERS –*MICROWAVE*
TRAVELING-WAVE TUBE FOCUSING COILS See COILS
TRAVELING-WAVE TUBES See TUBES –*MICROWAVE*
TREASURE FINDERS See DETECTORS –*METAL*
TRIMMERS See CAPACITORS –*VARIABLE*
TRIMMINGS See METAL PARTS –*TRIMMINGS*
TR TUBES See TUBE – TR
TRUCKING See SHIPPING SERVICES
TUBE BASES See TUBE PARTS
TUBE CHEMICALS See CHEMICALS –*TUBE*
TUBE CIRCUIT DEMONSTRATORS See DEMONSTRATORS
TUBE CLAMPS See CLAMPS
TUBE COEFFICIENT BRIDGES See BRIDGES
TUBE COOLING UNITS See COOLING UNITS
TUBE CURVE TRACERS See TRACERS –*ELECTRON TUBE CURVE*
TUBE GRID WINDING MACHINES See MACHINES –*GRID-WINDING*
TUBE JOINTS See JOINTS –*TUBE*
TUBE-MANUFACTURING MACHINES See MACHINES –*TUBE-MANUFACTURING*

TUBE PARTS

1. ANODES, CARBON & GRAPHITE
2. ANODES, METAL
3. BASE PINS
4. BASES
5. BULBS (ENVELOPES), CERAMIC
6. BULBS (ENVELOPES), GLASS
7. BULBS (ENVELOPES), METAL
8. BUTTON STEMS
9. CAPS (TOP)
10. CATHODES (SLEEVES, DISKS & TUBES)
11. CONTACTS, SIDE (CATHODE-RAY TUBE)
12. ELECTRON-GUN MOUNTS
13. ELECTRON GUNS
14. GETTERS
15. GRIDS & SUPPORTS
16. HEAT RADIATORS
17. POWDERS, CATHODE-RAY SCREEN
18. SPACERS, CERAMIC
19. SPACERS, MICA
20. SUPPORTS, METAL (INCLUDING WIRE PARTS)
21. TUBE SEAL LEADS

See Also WIRE –*RESISTANCE, FILAMENT & HEATER;* WIRE –*BARE, FINE WIRE SPECIALTIES*

ALDEN PRODUCTS CO., 4, Adv Pg 359	112 N Main st. Brockton 64	Mass
Allegheny Plastics Inc.	10 Thorn Run Rd. Coraopolis	Pa
American Feldmuehle Corp., 5	11 W. 42nd St, New York 36	NY
AMERICAN LAVA CORP., 4-5-10-15-18, Adv Pg 237	Cherokee & Myers Rd. Chattanooga 5	Tenn
American Mica Insulation Co., 19	217 Parker Ave. Manasquan	NJ
Anaconda American Brass Co., 3	414 Meadow St. Waterbury 20	Conn
ART WIRE & STAMPING CO., 2-3-11-15-20-21, Adv Pg 409	227 High St. Newark 2	NJ
Asheville-Schoonmaker Mica Co., 19	900 Jefferson Ave, Newport News	Va
Associated Engineering & Mfg Corp., 2-3-4-12-15-17	Glen Rock	NJ
Auto-Swage Products, Inc., 3	265 Canal St. Shelton	Conn
BEAD CHAIN MFG CO., 3, Adv Pg 306	110 Mountain Grove St. Bridgeport 5	Conn
BIRTCHER CORP., 16, Adv Pg 489	4371 Valley Blvd. Los Angeles 32	Cal
Bishop & Co., J., Platinum Works, 2-10	Malvern	Pa
BUD RADIO INC., 16, Adv Pg 343	2118 E 55th St. Cleveland 3	Ohio
CFI CORP., 5, Adv Pg 294	Cottage Pl. Mineola	NY
CARBORUNDUM CO. REFRACTORIES DIV., 5-7-18, Adv Pgs 104, 105	Perth Amboy	NJ
CENTRALAB ELECTRONICS, DIV. GLOBE-UNION, INC., 5-18, Adv. Pgs. 376, 377	914Y E Keefe Ave. Milwaukee 1	Wis
Cerium Metals & Alloys Div., Ronson Metals Corp., 14	55 Manufacturers Pl, Newark 5	NJ
Chicago Miniature Lamp Works, 6	1500 N Ogden Ave. Chicago 10	Ill
Continental-Diamond Fibre Corp., 4	Newark 100	Del
Coors Porcelain Co., 18	600 9th St. Golden	Colo
Corning Glass Works, Corning Electronic Components, 7	550 High St. Bradford	Pa
DME Electronic Bases Inc., 4-6-7-9-10-11-21	27 Wright St. Newark	NJ
Diamonite Products Mfg. Co., 5-18	Shreve	Ohio
DU-CO CERAMICS CO., 18, Adv Pg 78	105B Main St. Saxonburg	Pa
Duramic Products, Inc., 5	426 Commercial Ave. Palisades Park	NJ
Edwards High Vacuum Inc., 14	Cumberland Ave, Burlington	Ont
EITEL-McCULLOUGH INC., 13-16, Adv Pgs 57-60	301 Industrial Way, San Carlos	Cal
Electro-Ceramics, Inc., 4-5	2645 S 2nd W, Salt Lake City 15	Utah
Electron Technology Inc., 8	626 Schuyler Ave. Kearny	NJ
Electronic Parts Mfg Co. Inc., 20-21	509-10 29th St. Union City	NJ
Eugene Engineering Co. Inc., 16	1217 Hyde Park Ave. Hyde Park 36	Mass
Fansteel Metallurgical Corp., 2-10-14-15-16-20-21	2200 Sheridan, N. Chicago	Ill
Fastex Div. Illinois Tool Works, 3	195 Algonquin Rd, Des Plaines	Ill
Federal Electronic Products, Inc., 12-13-20	1340 Pompton Ave, Cedar Grove	NJ
Frenchtown Porcelain Co., 4-5-18-21	Frenchtown	NJ
Genex Corp. Industrial Div., 3-4-9-11-12-15	1200 Commerce Ave. Union	NJ
GENERAL CERAMICS DIV. INDIANA GENERAL CORP., 4-10-18, Adv Pg 77	Keasbey	NJ
General Dynamics/Electronics, Info Tech Div., 13	1895 Hancock St. San Diego 12	Cal
General Electric Co. Lamp Metals & Components Dept., 3-14-15-20-21	21800 Tungsten Rd. Cleveland 17	Ohio
GEORGE PRODUCTS CO. INC., 2-10-20, Adv Pg 470	104 Dorsa Ave. Livingston	NJ
Getters Electronics Inc., 14	3279 Grand Island Blvd. Grand Island	NY
Gladding, McBean & Co., 5-18	1551 S. Primrose St, Monrovia	Cal
Henry & Miller Industries, Inc., 7	575 Garfield Ave, Jersey City 5	NJ
Hermetite Corp., 4	100 Ledge Dr. Avon	Mass
Hobson Brothers, Inc., 9	4940 W Lawrence Ave. Chicago 30	Ill
Horton-Angell Co., 2	77 Bicknell St. Attleboro	Mass
IERC Div. Intl. Electronic Research Corp., 16	135 W Magnolia Blvd. Burbank	Cal
INDUSTRIAL DEVICES, INC., 4, Adv Pg 540	Edgewater 8	NJ
Instrument Specialties Co. Inc., 11	254 Bergen Blvd. Little Falls	NJ
International Electronics Corp. (Mullard Equip), 1-2-4-15-19-20	81 Spring St. New York 12	NY
Instantite Mfg. Corp., 4	Sterling	NJ
Jones & Roy Co., 20	620 Commercial Ave, Covina	Cal
KAHLE ENGINEERING CO., 21, Adv Pg 98	3322 Hudson St, Union City	NJ
KENTUCKY ELECTRONICS INC., 20, Adv Pg 321	2208 W 2nd St. Owensboro	Ky
Kimble Glass Sub. Owens-Illinois, 6-12	Box 1035, Toledo 1	Ohio
King Laboratories, Inc., 14-20	127 Solar St, Syracuse 3	NY
Kirchberger & Co., Inc., M., 9-18	248 Humphrey St, Englewood	NJ
Laine Electronics & Mfg. Co. Inc., 8-11-21	91 Industrial Ave. Little Ferry	NJ
Lancaster Glass Corp., 6	Lancaster 20	Ohio
Litton Engineering Labs, 5	Box 949 Grass Valley	Cal
A.D. Mackay, Inc., 14-17-20	198 Broadway, New York 38	NY
Mersel Ceramics Co., 18	140 Little St, Belleville	NJ
Maryland Lava Co., 5-18	Dept. ER, Bel Air	Md
Materials for Electronics Inc., 5-14-18	152-25 130 Ave. Jamaica 34	NY
Micarft Products, Inc., 19	703 McCarter Hwy, Newark 5	NJ
Minn-Honeywell, Ceramics Lab., 4-5-18	Box 440, Minneapolis 40	Minn
Mycalex Tube Socket Corp., 4	125 Clifton Blvd, Clifton	NJ
NATIONAL BERYLLIA CORP., 5-18 Adv Pg 552	1st & Haskell, Haskell	NJ
National Electronics, Inc. Sub Eitel Mc Cullough Inc., 4	628 North St. Geneva	Ill
National Video Corp., 12-13	4300 W 47 St. Chicago 32	Ill
Owens-Illinois Glass Co., 4-6	P.O. Box 1035, Toledo 1	Ohio
PARAMOUNT PRODUCTS CO. INC., 2-20, Adv Pg 539	759 Ramsey Ave. Hillside 5	NJ
Pix Mfg. Co., Inc., 15-20	75 Hudson St, Newark	NJ
Ross Co., Milton 3-4-14-15	239 Jacksonville Rd. Hatboro	Pa
Schuyler Mfg. Corp., 15	94 Passaic Ave, North Arlington	NJ
Sel-Rex Corp., 2	75 River Rd. Nutley 10	NJ
Smith, Inc. Herman H., 18	2326 Nostrand Ave. Brooklyn 10	NY
Solar Mfg. Corp., 18	4553 Seville Ave, Los Angeles 58	Cal
Stackpole Carbon Co., 1	201 Stackpole St. St. Marys	Pa
Stiver Co. Inc., 9-11-14-15-16-20	41 N Saxon Ave. Bay Shore	NY
Superior Electronics Corp., 12-13	208 Piaget Ave, Clifton	NJ
SUPERIOR STEATITE & CERAMIC CORP., 9-18, Adv Pg 536	83-91 W Forest Ave. Englewood	NJ
SUPERIOR TUBE CO., 2-10 Adv Pgs 154, 155	2504 Germantown Pike, Norristown	Pa
Sylvania Electric Prods, Inc., Chem & Metallurgical Div., 17	Towanda	Pa
Sylvania Elec Prods Inc. Electronic Tubes, 13	1740 Broadway, New York 19	NY
Sylvania Electric Products Inc. Parts Div., 2-3-4-8-9-10-11-15-16-19-20-21	12 2nd Ave. Warren	Pa
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 2-10-15-20-21, Adv Pg 88	34 Forest St. Attleboro	Mass
Thomas Electronics, Inc., 4-8-10-12-13-17	118 Ninth St. Passaic	NJ
Thor Ceramics, Inc., 4	225 Belleville Ave. Bloomfield	NJ
United Mineral & Chemical Corp., 3-9-18-19	16 Hudson St, New York 13	NY
United Products Co., 5-18	165 Franklin Ave. Nutley 10	NJ
U.S. RADIUM CORP., 17, Adv Pg 200	P.O. Box 246, Morristown	NJ
VECTOR ELECTRONIC CO., 3, Adv Pg 544	1100 Flower St. Glendale 1	Cal
Volkert Stampings, Inc., 2-9-11-20	222-14 96th Ave, Queens Village 29	NY
Warren Components Div. El-Tronics, 9	S Irvine St. Warren	Pa
Westinghouse-Lamp Div., 3-4-20-21	Bloomfield	NJ
Westinghouse Electric Corp. Electronic Tube Div., 4-6-8-10-12-13-15-17	Box 284, Elmira	NY

TUBE SHIELDS See SHIELDS –*TUBE*
TUBE SOCKETS See SOCKETS
TUBE PIN STRAIGHTENERS See STRAIGHTENERS

TUBES –BALLAST

AMPERITE CO. INC., Adv Pg 541	561 Broadway, New York 12	NY
CLAROSTAT MFG. CO., INC., Adv Pg 581	Dover	NH
Laine Electronics & Mfg. Co. Inc	91 Industrial Ave. Little Ferry	NJ
Standard Tel. & Cables Ltd	29 Glasshouse Yard, London	Eng

TUBES –BATTERY CHARGER

CETRON ELECTRONICS CORP., Adv Pg 379	715 Hamilton, Geneva	Ill

TUBES –*BEAM-DEFLECTION* See TUBES –*COUNTER*
TUBES –*BOLOMETER* See BOLOMETERS

TUBES –CATHODE-RAY

1. DATA-STORAGE
2. OSCILLOSCOPE MULTIPLE-GUN
3. OSCILLOSCOPE SINGLE-GUN
4. SHAPED-BEAM & CHARACTER
5. TV CAMERA PICKUP
6. TV PICTURE, BLACK & WHITE
7. TV PICTURE, COLOR
8. TV PROJECTION
9. TRAVELING WAVE

Abtronics Inc., 3	64 S P St. Livermore	Cal
American Elite, Inc. (Telefunken), 3	48-50 34 St, Long Island City	NY
AMPEREX ELECTRONIC CORP., 9, Adv. Pgs. 214-217	230 Duffy Ave. Hicksville	NY
AVNET INSTRUMENT CORP., 1-2-3-4-8-9, Adv Pgs 331, 364	70 State St. Westbury	NY
CBS Electronics, Div., CBS, Inc., 3	100 Endicott St, Danvers	Mass
CBS Laboratories, 3-4	227 High Ridge Rd. Stamford	Conn
Calvideo Tube Corp., 2-3-5-6-7-8	18611 S. Santa Fe Ave, Compton	Cal
Channel Master Co., 6	Ellenville	NY
Dimensions, Inc., 1-3	7414 - 20th Ave, Brooklyn 4	NY
DuMont Labs Allen B. Div. Fairchild Cam & Inst. Corp., 1-2-3-4	750 Bloomfield Ave. Clifton	NJ
EMI-Cossor Electronics Ltd., 1-2-3-5	Box 525 Dartmouth NS	Can
EMI/US Ltd., 1-2-3-4-5-6-7-9	1750 N Vine St. Los Angeles 28	Cal
EDGERTON, GERMESHAUSEN & GRIER INC., 2-3-9, Adv Pg 284	160 Brookline Ave. Boston	Mass
EITEL-McCULLOUGH INC., 9, Adv Pgs 57-60	301 Industrial Way, San Carlos	Cal
Electron Technology Inc., 1-2-3-4	626 Schuyler Ave. Kearny	NJ
Electronic Tube Corp., 2-3	1200 E. Mermaid La, Philadelphia 18	Pa
English Electric Valve Co. Ltd., 1-3-5	Chelmsford Essex	Eng
Ferranti Electric Inc., 1-2-4	Industrial Park #1, Plainview	NY
General Dynamics/Electronics, Info Tech Div., 2-4	1895 Hancock St. San Diego 12	Cal
General Electric Co., Cathode Ray Tube Dept., 3-5-6	Syracuse	NY
GENERAL ELECTRODYNAMICS CORP., 1-5, Adv Pg 127	4439 Forest La. Garland	Tex
Griffiths Electronics, Inc., 2-3-6-7-8	155 Summit St. Newark 3	Mass
Hughes Microwave Components Div., 1	Florence & Teale, Culver City	Cal
Hughes Vacuum Tube Products Div., 1-2-3-4	2020 Short St. Oceanside	Cal
ITT COMPONENTS DIV. ELECTRON TUBE DEPT., 1, Adv Pg 423	Box 412, Clifton	NJ
ITT Labs, Components & Instr Div., 1-5-8	3700 E Pontiac St, Ft. Wayne	Ind
Intercontinental Electronics Corp., 1	300 Shames Dr, Westbury 29	NY
International Electronics Corp. (Mullard Equip), 1-2-3-4-5-6-7-9	81 Spring St. New York 12	NY
LITTON INDUSTRIES, ELECTRON TUBE DIV., 1-4, Adv Pg 349	960 Industrial Rd. San Carlos	Cal
MACHLETT LABORATORIES INC., 1-5, Adv Pg 42	1063 Hope St. Springdale	Conn
Microwave Associates, Inc., 9	Burlington	Mass
MULLARD OVERSEAS LTD., 1-2-3-6-9, Adv Pg 448	Torrington Pl. London WC 1	Eng
National Television Tube, Inc., 6	Rt 46, Saddle Brook	NJ
National Union Electric Corp., 1-3	Bloomington	Ill
National Video Corp., 6	4300 W 47 St. Chicago 32	Ill
Novicor Electronics Inc., 6-7-8	7000 Industrial Blvd, Bethel Park	Pa
PEK Labs., Inc., 3	4024 Transport St, Palo Alto	Cal
PHILCO CORP., LANSDALE DIV., 6, Adv Pg 84, 89	500 Church Rd, Lansdale	Pa
Pioneer Electronics Corp., 3-6	2235 S. Carmelina, W. Los Angeles 65	Cal
Polaris Engineering Corp., 6	5317 Cottage Grove Ave. Chicago	Ill
Radio Corp of America, Electron Tube Div., 1-3-6-7-8-9	415 S 5th St. Harrison	NJ
Rank Cintel Ltd., 3-6-8	Worsley Bridge Rd. London S.E. 26, England	
Rauland Corp. A Zenith Sub., 1-6-8	4245 N Knox Ave. Chicago 41	Ill
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., 1-2-3-5-6-7-8-9, Adv Pg 37	411 Providence Tnpk. Westwood	Mass
Raytheon Co. Ind Components Div., 1-2-3	55 Chapel St. Newton 58	Mass
Rescon Laboratories, Inc., 3-5	2908 Nebraska Ave, Santa Monica	Cal
Sargent Co., Inc., 2	P.O. Box 56, [illegible]	NY
SONY CORP., 6, Adv Pg 261	514 Broadway, New York 12	NY
Stanton Corp., 6	2400 E Ganson St., Jackson	Mich
Sylvania Elec Prods Inc. Electronic Tubes, 1-2-3-6-9	1740 Broadway, New York 19	NY
TECHNICAL APPARATUS BUILDERS, 2, Adv Pg 529	109 Liberty St. New York 6	NY
Thomas Electronics, Inc., 2-3-5	118 Ninth St. Passaic	NJ
TOKYO SHIBAURA ELECTRIC CO. LTD., 6-7-9, Adv Pg 265	1-1, Uchisaiwai-cho, Chiyoda-ku Tokyo	Jap
TUNG-SOL ELECTRIC INC., 6, Adv Pgs 158, 159	1 Summer Ave. Newark 4	NJ
Ulmer Co., H. W., 1-2-3-4	2941 San Luis Rey Rd. Oceanside	Cal
WATERMAN PRODUCTS CO. INC., 3, Adv Pg 180	2445 Emerald St. Philadelphia 25	Pa
Westinghouse Electric Corp., Electronic Tube Div., 1-3-5-6	P.O. Box 284, Elmira	NY
Zenith Radio Corp., 1-3	6001 Dickens Ave, Chicago 39	Ill

TUBES –CERAMIC

AMPEREX ELECTRONIC CORP., Adv. Pgs. 214-217	230 Duffy Ave. Hicksville	NY
EDGERTON, GERMESHAUSEN & GRIER INC., Adv Pg 284	160 Brookline Ave. Boston	Mass
EITEL-McCULLOUGH INC., Adv Pgs 57-60	301 Industrial Way, San Carlos	Cal
English Electric Valve Co. Ltd	Chelmsford Essex	Eng
General Electric Co., Power Tube Dept.	1 River Rd, Schenectady 5	NY
ITT COMPONENTS DIV. ELECTRON TUBE DEPT., Adv Pg 423	Box 412, Clifton	NJ
MULLARD OVERSEAS LTD., Adv Pg 448	Torrington Pl. London WC 1	Eng
Radio Corp of America Electron Tube Div	415 S. 5th St, Harrison	NJ
Resitron Laboratories, Inc	2908 Nebraska Ave, Santa Monica	Cal
VACTRONIC LAB. EQUIPMENT, INC., Adv Pg 560	21 Mammoth Ct. East Northport	NY
Varian Associates	611 Hansen Way, Palo Alto	Cal

TUBES –COUNTER

1. DECADE & PULSE *2. RADIATION*

AEROLUX LIGHT CORP., 1-2, Adv Pg 522	653 11th Ave. New York 36	NY
American Instrument Co., Inc	8030 Georgia Ave, Silver Spring	Md
AMPEREX ELECTRONIC CORP., 1-2, Adv. Pgs. 214-217	230 Duffy Ave. Hicksville	NY
Anton Electronic Labs Inc. Div. Lionel Corp., 2	1226 Flushing Ave. Brooklyn 37	NY
Atomic Accessories, Inc., 2	811 W Merrick Rd, Valley Stream	NY
AVNET INSTRUMENT CORP., 1-2, Adv Pgs 331, 364	70 State St. Westbury	NY
Baird-Atomic Inc., 2	33 University Rd. Cambridge 38	Mass
EMI/US Ltd., 2	1750 N Vine St. Los Angeles 28	Cal
Electronic Products Co., 2	111 E. Third St, Mt. Vernon	NY
Elesta Ltd. Electronic Controls, 1	Bad Ragaz, Switzerland	
Instruments, Inc., 2	Box 556, Tulsa	Okla
International Electronics Corp. (Mullard Equip), 1-2	81 Spring St. New York 12	NY
Kaul Scientific Instrument Corp., 2	737 W Main St. El Cajon	Cal
MULLARD OVERSEAS LTD., 1-2, Adv Pg 448	Torrington Pl. London WC 1	Eng
Nuclear Chicago Corp., 1-2	333 E Howard St. Des Plaines	Ill
Nuclear Development Lab. Inc., 2	Box 7034, Kansas City 13	Mo
Nuclear Measurements Corp., 2	2463 N Arlington Ave. Indianapolis 18	Ind
Picker X Ray Corp., 2	White Plains	NY
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., 1-2, Adv Pg 37	411 Providence Tnpk. Westwood	Mass
Raytheon Co. Ind Components Div., 1-2	55 Chapel St. Newton 58	Mass
Reeves Electronics Corp., 2	151 [illegible]	[illegible]
Standard Tel. & Cables Ltd., 1	29 Glasshouse Yard, London	Eng
Sylvania Elec Prods Inc. Electronic Tubes, 1	1740 Broadway, New York 19	NY
Tracerlab, Inc., 1-2	1601 Trapelo Rd. Waltham 54	Mass
VICTOREEN INSTRUMENT CO. COMPONENTS DIV., 2 Adv Pgs 466, 493	5806 Hough Ave. Cleveland 3	Ohio
Westinghouse Electric Corp. Electronic Tube Div., 2	Box 284, Elmira	NY
Ward Counter Laboratory, 2	1620 E 53rd, Chicago 15	Ill

TUBES –*DECADE COUNTER* See TUBES –*COUNTER*

TUBES –*ELECTROMETER*

American Elite, Inc. (Telefunken) ... 48-50 34 St, Long Island City ... NY
AMPEREX ELECTRONIC CORP., Adv. Pgs. 214-217 ... 230 Duffy Ave. Hicksville ... NY
AVNET INSTRUMENT CORP., Adv Pgs 331, 364 ... 70 State St. Westbury ... NY
International Electronics Corp., (Mullard Equip.) ... 81 Spring St, New York 12 ... NY
MULLARD OVERSEAS LTD., Adv Pg 448 ... Torrington Pl. London W.C. 1 ... Eng
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., Adv Pg 37 ... 411 Providence Tpke. Westwood ... Mass
Raytheon Co. Ind Components Div ... 55 Chapel St. Newton 58 ... Mass
Tracerlab, Inc ... 1601 Trapelo Rd. Waltham 54 ... Mass
TUNG-SOL ELECTRIC INC., Adv Pgs 158, 159 ... 1 Summer Ave. Newark 4 ... NJ
VICTOREEN INSTRUMENT CO. COMPONENTS DIV Adv Pgs 466, 493 ... 5806 Hough Ave. Cleveland 3 ... Ohio

TUBES –*ELECTROSTATIC PRINTING*

AEROLUX LIGHT CORP., Adv Pg 522 ... 653 11th Ave. New York 36 ... NY
LITTON INDUSTRIES, ELECTRON TUBE DIV., Adv Pg 349 ... 960 Industrial Rd. San Carlos ... Cal
Raytheon Co. Ind Components Div ... 55 Chapel St. Newton 58 ... Mass
Ulmer Co., H. W. ... 2641 San Luis Rey Rd. Oceanside ... Cal

TUBES –*GLOW OR DISCHARGE*

1. COLD-CATHODE 2. COLD-CATHODE TRIGGER 3. HOT-CATHODE

Abtronics, Inc., 2 ... 64 S. P St, Livermore ... Cal
AEROLUX LIGHT CORP., 1-2-3, Adv Pg 522 ... 653 11th Ave. New York 36 ... NY
Anglo Corp., 1-2 ... 4333 N. Ravenswood Ave, Chicago 13 ... Ill
AMPEREX ELECTRONIC CORP., 1-2-3, Adv. Pgs. 214-217 ... 230 Duffy Ave. Hicksville ... NY
AVNET INSTRUMENT CORP., 2-3, Adv Pgs 331, 364 ... 70 State St. Westbury ... NY
Baird-Atomic, Inc., 1-2 ... 33 University Rd, Cambridge 38 ... Mass
Blacklight Corp of America, 1 ... 5112 Walnut Grove Ave, San Gabriel ... Cal
CBS Electronics, Div., CBS, Inc., 1-2 ... 100 Endicott St, Danvers ... Mass
Cerberus AG, 1-2 ... Mannedorf, Switzerland
Chicago Miniature Lamp Works, 1-2 ... 1500 N Ogden Ave, Chicago 10 ... Ill
Electronic Industries Inc., 1-2-3 ... 18 Marshal St. South Norwalk ... Conn
Electronic Products Co., 1 ... 111 E. Third St, Mt. Vernon ... NY
Elesta Ltd., Electronic Control Apparatus, 1-2 ... Bad Ragaz, Switzerland
English Electric Valve Co., Ltd., 1-2 ... Chelmsford, Essex, England
Hughes Vacuum Tube Products Div., 1 ... 2020 Short St. Oceanside ... Cal
International Electronics Corp. (Mullard Equip.), 1-2 ... 81 Spring St. New York 12 ... NY
Kenlite Laboratories, Inc., 1-2 ... 1819 W Grand Ave, Chicago 22 ... Ill
Lamb Electronics & Mfg. Co. Inc., 1-2-3 ... 93 Industrial Ave, Little Ferry ... NJ
MULLARD OVERSEAS LTD., 1-2-3, Adv Pg 448 ... Torrington Pl. London W.C. 1 ... Eng
National Union Electric Corp., 1 ... Bloomington ... Ill
PEK Labs., Inc., 1 ... 4024 Transport St, Palo Alto ... Cal
Radio Corp of America Electron Tube Div., 1-2-3 ... 415 S. 5th St, Harrison ... NJ
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., 1, Adv Pg 37 ... 411 Providence Tpke. Westwood ... Mass
Raytheon Co. Ind Components Div., 1-2-3 ... 55 Chapel St. Newton 58 ... Mass
RED BANK DIV. BENDIX CORP., 1, Adv Pgs 16, 17 ... Eatontown ... NJ
Rescon Electronics Corp., 1-3 ... 152 Bear Hill Rd, Waltham 54 ... Mass
Standard Tel. & Cables Ltd., 1-2 ... 29 Glasshouse Yard, London ... Eng
TUNG-SOL ELECTRIC INC., 1-2-3, Adv Pgs 158, 159 ... 1 Summer Ave. Newark 4 ... NJ
Ulmer Co., H. W., 3 ... 2641 San Luis Rey Rd. Oceanside ... Cal
Ultra-Violet Products, Inc., 1 ... 5114 Walnut Grove Ave, San Gabriel ... Cal
VICTOREEN INSTRUMENT CO. COMPONENTS DIV., 2 Adv Pgs 466, 493 ... 5806 Hough Ave. Cleveland 3 ... Ohio
Westinghouse Electric Corp. Electronic Tube Div., 1-3 ... Box 284, Elmira ... NY
York Research Corp., Hip Electronics Div., 1-2 ... 1 Research Dr. Stamford ... Conn

TUBES –*HEARING-AID*

AMPEREX ELECTRONIC CORP., Adv. Pgs. 214-217 ... 230 Duffy Ave. Hicksville ... NY
MULLARD OVERSEAS LTD., Adv Pg 448 ... Torrington Pl. London W.C. 1 ... Eng
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., Adv Pg 37 ... 411 Providence Tpke. Westwood ... Mass
Raytheon Co. Ind Components Div ... 55 Chapel St. Newton 58 ... Mass
TUNG-SOL ELECTRIC INC., Adv Pgs 158, 159 ... 1 Summer Ave. Newark 4 ... NJ

TUBES –*HYDROGEN-THYRATRON* See TUBES –*THYRATRON*

TUBES –*IGNITRON*

AMPEREX ELECTRONIC CORP., Adv. Pgs. 214-217 ... 230 Duffy Ave. Hicksville ... NY
English Electric Valve Co., Ltd ... Chelmsford, Essex, England
General Electric Co., Power Tube Dept ... 1 River Rd, Schenectady 5 ... NY
HITACHI LTD., Adv Pg 263 ... 1-4 Marunouchi, Chiyoda-ku, Tokyo ... Jap
Lamb Electronics & Mfg. Co. Inc ... 93 Industrial Ave, Little Ferry ... NJ
National Electronics, Inc. Sub Eitel Mc Cullough Inc ... 520 North St. Geneva ... Ill
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., Adv Pg 37 ... 411 Providence Tpke. Westwood ... Mass
Raytheon Co. Ind Components Div ... 55 Chapel St. Newton 58 ... Mass
Sylvania Elec Prods Inc. Electronic Tubes ... 1740 Broadway, New York 19 ... NY
Westinghouse Electric Corp., Electronic Tube Div ... P.O. Box 284, Elmira ... NY

TUBES –*IMAGE CONVERTER* See TUBES –*CATHODE-RAY, TV CAMERA*
TUBES –*IONIZATION* See CHAMBERS –*IONIZATION*
TUBES –*METAL (MATERIAL)* See *METAL DESIRED*

TUBES –*MICROWAVE*

1. BACKWARD-WAVE (Incl. CARCINOTRON) 2. KLYSTRON 3. MAGNETRON 4. MAGNETRON, VOLTAGE-TUNABLE 5. TRAVELLING WAVE 6. CROSSED-FIELD (EXCEPT MAGNETRON)

American Elite, Inc. (Telefunken), 5 ... 48-50 34 St. Long Island City 1 ... NY
American Radio Co. Inc., 1-5-6 ... 445 Park Ave. New York 22 ... NY
AMPEREX ELECTRONIC CORP., 2-3-4-5, Adv. Pgs. 214-217 ... 230 Duffy Ave. Hicksville ... NY
AVNET INSTRUMENT CORP., 1-2-3-5-6, Adv Pgs 331, 364 ... 70 State St. Westbury ... NY
Canadian Marconi Co., 2-3-5 ... 2444 Trenton Ave. Montreal ... Que
EMI-Cossor Electronics Ltd., 2-3 ... Box 525 Dartmouth NS ... Can
EMI/US Ltd., 1-2-3-4-5 ... 1750 N Vine St. Los Angeles 28 ... Cal
EDGERTON, GERMESHAUSEN & GRIER INC., Adv Pg 284 ... 160 Brookline Ave. Boston ... Mass
EITEL-McCULLOUGH INC., 2-4-5, Adv Pgs 57-60 ... 301 Industrial Way, San Carlos ... Cal
English Electric Valve Co., Ltd., 1-2-3-5 ... Chelmsford, Essex, England
General Electric Co., Power Tube Dept., 2-3-4-5 ... 1 River Rd. Schenectady 5 ... NY
HALLICRAFTERS CO., 1-2-3-4-5-6, Adv Pg 385 ... 4401 W 5th St. Chicago 24 ... Ill
Huggins Laboratories, Inc., 5 ... 999 Arques Ave. Sunnyvale ... Cal
Hughes Microwave Components Div., 5 ... Florence & Teale, Culver City ... Cal
Hughes Microwave Tube Div., 1-5 ... Bldg 124 Mail Sta 705, Box 90427 Int Airport Sta, Los Angeles 45 ... Cal
ITT COMPONENTS DIV. ELECTRON TUBE DEPT., 5, Adv Pg 423 ... Box 412, Clifton ... NJ
ITT Federal Labs Div. ITT Corp., 1-5 ... 500 Washington Ave. Nutley ... NJ
Intercontinental Electronics Corp., 1 ... 300 Shames Dr. Westbury 29 ... NY
International Electronics Corp. (Mullard Equip.), 3-5 ... 81 Spring St. New York 12 ... NY
Lewis & Kaufman Electronics Corp., 1-2 ... Box 337, Los Gatos ... Cal
LITTON INDUSTRIES, ELECTRON TUBE DIV., 1-2-3-4-5-6, Adv Pg 349 ... 960 Industrial Rd. San Carlos ... Cal
MacKay Research Labs., 3-4 ... Box 140A, Benson ... Ariz
Marconi's Wireless Telegraph Co. Ltd., 2-3-4-5 ... 750 3rd Ave. New York 17 ... NY
Metcom, Inc., 1-2-3-5-6 ... 76 Lafayette St. Salem ... Mass
Microwave Associates, Inc., 1-3-4-5 ... Burlington ... Mass
Microwave Electronics Corp., 1-5 ... 4061 Transport St, Palo Alto ... Cal
MULLARD OVERSEAS LTD., 1-2-3-4-5-6, Adv Pg 448 ... Torrington Pl. London WC 1 ... Eng
NIPPON ELECTRIC CO. LTD., 5, Adv Pg 267 ... 2 Shiba Minato-ku, Tokyo ... Jap
OKI ELECTRIC INDUSTRY CO. LTD., 1-2-3-5, Adv Pg 257 ... 10 Shiba Takahama-cho Minato-ku, Tokyo ... Jap
Philips' Gloeilampenfabrieken, N. V., 3-6 ... Eindhoven ... Neth
POLARAD ELECTRONICS CORP., 2 Adv Pg 269-272 ... 43-20 34 St. Long Island City 1 ... NY
Radio Corp of America, Electron Tube Div., 1-2-5 ... 415 S 5th St. Harrison ... NJ
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., 1-2-3-4-5-6, Adv Pg 37 ... 411 Providence Tnpk. Westwood ... Mass
RAYTHEON CO. MICROWAVE & POWER TUBE DIV., 1-2-3-4-5-6, Adv Pg 38, 39 ... Spencer Lab Wayside Ave. Burlington ... Mass
RED BANK DIV. BENDIX CORP., 1-2-5, Adv Pgs 16, 17 ... Eatontown ... NJ
Servotyne Corp., 2 ... 74 Lowing St. Boston 22 ... Mass
Sperry Electronic Tube Div. Sperry Rand Corp., 1-2-5 ... Box 552, Gainesville ... Fla
Sperry Gyroscope Co. Div. Sperry Rand Corp., 2-5 ... Great Neck ... NY
Standard Tel. & Cables Ltd., 1-2-5 ... 29 Glasshouse Yard, London ... Eng
STEWART ENGINEERING CO., 1, Adv Pg 515 ... 467 Bean Creek Rd. Santa Cruz ... Cal
Sylvania Elec Prods Inc. Electronic Tubes, 1-2-3-4-5 ... 1740 Broadway, New York 19 ... NY
Sylvania Electronic Systems, 1-2-3-5 ... 63 Second Ave, Waltham ... Mass
Texas Electronics Div. Texas Electronics & Missiles Co., 5 ... Box 6290, Dallas 22 ... Tex
TOKYO SHIBAURA ELECTRIC CO LTD., 2-3-5, Adv Pg 265 ... 1-1, Uchisaiwai-cho, Chiyoda-ku Tokyo ... Jap
Tucor Inc., 1-5 ... 59 Danbury Rd. Wilton ... Conn
Varian Associates, 1-2-3-4-5-6 ... 611 Hansen Way, Palo Alto ... Cal
Vel-Stan Electronics, 1-2-5 ... 13259 Sherman Way, North Hollywood ... Cal
Watkins-Johnson Co., 1-2-5 ... 3333 Hillview Ave, Palo Alto ... Cal
Westinghouse Electric Corp., Electronic Tube Div., 2-3-4-5 ... P.O. Box 284, Elmira ... NY

TUBES –*MINIATURE*

1. RECEIVING 2. TRANSMITTING

American Elite, Inc. (Telefunken), 1-2 ... 48-50 34 St. Long Island City 1 ... NY
AMPEREX ELECTRONIC CORP., 1-2, Adv. Pgs. 214-217 ... 230 Duffy Ave. Hicksville ... NY
AVNET INSTRUMENT CORP., 1-2, Adv Pgs 331, 364 ... 70 State St. Westbury ... NY
CBS Electronics, Div., CBS, Inc., 1-2 ... 100 Endicott St. Danvers ... Mass
EITEL-McCULLOUGH INC., 2, Adv Pgs 57-60 ... 301 Industrial Way, San Carlos ... Cal
General Electric Co., Receiving Tube Dept., 1 ... 316 E. 9th St. Owensboro ... Ky
International Electronics Corp. (Mullard Equip.), 1 ... 81 Spring St. New York 12 ... NY
LITTON INDUSTRIES, ELECTRON TUBE DIV., 2, Adv Pg 349 ... 960 Industrial Rd. San Carlos ... Cal
Marconi's Wireless Telegraph Co., Ltd., 1-2 ... 750 Third Ave, New York 17 ... NY
Minicord Corp. of America, 1 ... 1913 Atlantic Ave. Atlantic City ... NJ
MULLARD OVERSEAS LTD., 1-2, Adv Pg 448 ... Torrington Pl. London W.C. 1 ... Eng
NIPPON ELECTRIC CO. LTD., 1, Adv Pg 267 ... 2 Shiba Minato-ku, Tokyo ... Jap
PHILCO CORP., LANSDALE DIV., 1 Adv Pg 88, 89 ... 501 Church Rd, Lansdale ... Pa
Philips' Gloeilampenfabrieken, N. V., 1-2 ... Eindhoven ... Neth
Radio Corp of America Electron Tube Div., 1-2 ... 415 S. 5th St, Harrison ... NJ
Rauland Corp. A Zenith Sub., 1 ... 4245 N Knox Ave. Chicago 41 ... Ill
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., 1-2, Adv Pg 37 ... 411 Providence Tpke. Westwood ... Mass
Raytheon Co. Ind Components Div., 1-2 ... 55 Chapel St. Newton 58 ... Mass
RED BANK DIV. BENDIX CORP., 1, Adv Pgs 16, 17 ... Eatontown ... NJ
Resitron Laboratories, Inc., 2 ... 2908 Nebraska Ave, Santa Monica ... Cal
SONOTONE CORP., 1 Adv Pg 375 ... Elmsford ... NY
Sylvania Elec Prods Inc. Electronic Tubes, 1 ... 1740 Broadway, New York 19 ... NY
TECHNICAL APPARATUS BUILDERS, 1-2, Adv Pg 529 ... 109 Liberty St. New York 6 ... NY
TOKYO SHIBAURA ELECTRIC CO. LTD., 1, Adv Pg 265 ... 1-1, Uchisaiwai-cho, Chiyoda-ku Tokyo ... Jap
TUNG-SOL ELECTRIC INC., 1-2, Adv Pgs 158, 159 ... 1 Summer Ave. Newark 4 ... NJ
United Electronics Co., 1-2 ... 42 Spring St. Newark 4 ... NJ
Varian Associates, 2 ... 611 Hansen Way, Palo Alto ... Cal
VICTOREEN INSTRUMENT CO. COMPONENTS DIV., 1 Adv Pgs 466, 493 ... 5806 Hough Ave. Cleveland 3 ... Ohio
Westinghouse Electric Corp. Electronic Tube Div., 1-2 ... Box 284, Elmira ... NY

TUBES –*NOISE SOURCE*

AMPEREX ELECTRONIC CORP., Adv. Pgs. 214-217 ... 230 Duffy Ave. Hicksville ... NY
Burroughs Corp. Electronic Components Div ... Box 1226, Plainfield ... NJ
Central Electronic Mfrs., Div Nuclear Corp America ... 2 Richwood Pl, Denville ... NJ
Electronic Industries Inc ... 18 Marshal St. South Norwalk ... Conn
LITTON INDUSTRIES, ELECTRON TUBE DIV., Adv Pg 349 ... 960 Industrial Rd. San Carlos ... Cal
Philips' Gloeilampenfabrieken, N. V ... Eindhoven ... Neth
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., Adv Pg 37 ... 411 Providence Tnpk. Westwood ... Mass
RED BANK DIV. BENDIX CORP., Adv Pgs 16, 17 ... Eatontown ... NJ
Thermosen, Inc ... 375 Fairfield Ave, Stamford ... Conn
Tucor Inc ... 59 Danbury Rd. Wilton ... Conn
TUNG-SOL ELECTRIC INC., Adv Pgs 158, 159 ... 1 Summer Ave. Newark 4 ... NJ
Waveline, Inc ... P.O. Box 718, Caldwell ... NJ

TUBES –*NUMERAL-INDICATING* See INDICATORS –*DIGITAL TUBE-TYPE*
TUBES –*PHOTOFLASH* See LAMPS

TUBES –*PHOTOTUBES*

1. GENERAL-PURPOSE 2. MULTIPLIER

Abtronics Inc., 2 ... 64 S P St. Livermore ... Cal
American Elite, Inc. (Telefunken), 1 ... 48-50 34 St. Long Island City 1 ... NY
AMPEREX ELECTRONIC CORP., 1-2, Adv. Pgs. 214-217 ... 230 Duffy Ave. Hicksville ... NY
Ascop Div of Electro-Mechanical Research, Inc., 2 ... Box 44, Princeton ... NJ
CBS Electronics, A Div. C B S Inc., 2 ... 100 Endicott St. Danvers ... Mass
C B S Laboratories, 1-2 ... 227 High Ridge Rd. Stamford ... Conn
CETRON ELECTRONICS CORP., 1, Adv Pg 379 ... 715 Hamilton, Geneva ... Ill
EMI-Cossor Electronics Ltd., 2 ... Box 525 Dartmouth NS ... Can
EMI/US Ltd., 2 ... 1750 N Vine St. Los Angeles 28 ... Cal
Electro-Mechanical Research, Inc., 2 ... P.O. Box 3041, Sarasota ... Fla
Electro-Radio Products, 1 ... 4905 W. Chicago Ave, Chicago 51 ... Ill
Electron Technology Inc., 1-2 ... 626 Schuyler Ave. Kearny ... NJ
Energy Kontrols, Inc., 1 ... 25 S. First St, Geneva ... Ill
General Electric Co., Receiving Tube Dept., 1 ... 316 E. 9th St, Owensboro ... Ky
GENERAL ELECTRODYNAMICS CORP., 2, Adv Pg 127 ... 4430 Forest Ln. Garland ... Tex
HARSHAW CHEMICAL CO., 2, Adv Pg 588 ... 1945 E 97th St. Cleveland 6 ... Ohio
ITT Labs, Components & Instr Div., 1-2 ... 3700 E Pontiac St. Ft. Wayne ... Ind
MACHLETT LABORATORIES INC., 1, Adv Pg 42 ... 1063 Hope St. Springdale ... Conn
MacKay Research Labs., 1-2 ... Box 140A, Benson ... Ariz
MULLARD OVERSEAS LTD., 1-2, Adv Pg 448 ... Torrington Pl. London W.C. 1 ... Eng
Philips Gloeilampenfabrieken, N. V., 1-2 ... Eindhoven ... Neth
Phoenix Precision Instrument Co., 2 ... 3803 N. Fifth St, Philadelphia ... Pa
Radio Corp of America Electron Tube Div., 1-2 ... 415 S. 5th St, Harrison ... NJ
Rank-Cintel Ltd., 1-2 ... Worsley Bridge Rd, London S.E. 26, England
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., 1-2, Adv Pg 37 ... 411 Providence Tnpk. Westwood ... Mass
Sylvania Elec Prods Inc. Electronic Tubes, 1 ... 1740 Broadway, New York 19 ... NY
TUNG-SOL ELECTRIC INC., 1, Adv Pgs 158, 159 ... 1 Summer Ave. Newark 4 ... NJ
Twentieth Century Electronics Ltd., 2 ... King Henry's Dr. New Addington, Surrey ... Eng
Westinghouse Electric Corp., Electronic Tube Div., 2 ... P.O. Box 284, Elmira ... NY

TUBES –*PIRANI* See GAGES –*VACUUM*

TUBES –*PLANAR*

EITEL-McCULLOUGH INC., Adv Pgs 57-60 ... 301 Industrial Way, San Carlos ... Cal
General Electric Co., Power Tube Dept ... 1 River Rd. Schenectady 5 ... NY
General Electric Co., Receiving Tube Dept ... 316 E 9th St. Owensboro ... Ky
ITT Labs, Components & Instr Div ... 3700 E Pontiac St. Ft. Wayne ... Ind
MACHLETT LABORATORIES INC., Adv Pg 42 ... 1063 Hope St. Springdale ... Conn
NIPPON ELECTRIC CO. LTD., Adv Pg 267 ... 2 Shiba Minato-ku, Tokyo ... Jap
Philips' Gloeilampenfabrieken, N. V ... Eindhoven ... Neth
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., Adv Pg 37 ... 411 Providence Tnpk. Westwood ... Mass
Standard Tel. & Cables Ltd ... 29 Glasshouse Yard, London ... Eng
Sylvania Elec Prods. Inc. Electronic Tubes ... 1740 Broadway, New York 19 ... NY

TUBES –*POWER AMPLIFIER*

AVNET INSTRUMENT CORP., Adv Pgs 331, 364 ... 70 State St. Westbury ... NY
CBS Electronics, Div., CBS, Inc ... 100 Endicott St. Danvers ... Mass
Central Electronic Mfrs. Div. Nuclear Corp. of America ... 2 Richwood Pl. Denville ... NJ
CETRON ELECTRONICS CORP., Adv Pg 379 ... 715 Hamilton, Geneva ... Ill
EITEL-McCULLOUGH INC., Adv Pgs 57-60 ... 301 Industrial Way, San Carlos ... Cal
English Electric Valve Co., Ltd ... Chelmsford, Essex, England
General Electric Co., Power Tube Dept ... 1 River Rd. Schenectady 5 ... NY
ITT COMPONENTS DIV. ELECTRON TUBE DEPT., Adv Pg 423 ... Box 412, Clifton ... NJ
International Electronics Corp. (Mullard Equip.) ... 81 Spring St. New York 12 ... NY
Keystone Electronics Co ... 65 7th Ave. Newark ... NJ
MACHLETT LABORATORIES INC., Adv Pg 42 ... 1063 Hope St. Springdale ... Conn
MULLARD OVERSEAS LTD., Adv Pg 448 ... Torrington Pl. London W.C. 1 ... Eng
NIPPON ELECTRIC CO. LTD., Adv Pg 267 ... 2 Shiba Minato-ku, Tokyo ... Jap
Penta Laboratories, Inc ... 312 N. Nopal St, Santa Barbara ... Cal
Philips' Gloeilampenfabrieken, N. V ... Eindhoven ... Neth
Phoenix Precision Instrument Co ... 3803 N. Fifth St, Philadelphia ... Pa
Radio Corp of America Electron Tube Div ... 415 S. 5th St, Harrison ... NJ
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., Adv Pg 37 ... 411 Providence Tpke. Westwood ... Mass
Standard Tel. & Cables Ltd ... 29 Glasshouse Yard, London ... Eng
Sylvania Elec Prods Inc. Electronic Tubes ... 1740 Broadway, New York 19 ... NY
TECHNICAL APPARATUS BUILDERS, Adv Pg 529 ... 109 Liberty St. New York 6 ... NY
TUNG-SOL ELECTRIC INC., Adv Pgs 158, 159 ... 1 Summer Ave. Newark 4 ... NJ
United Electronics Co ... 42 Spring St. Newark 4 ... NJ
Westinghouse Electric Corp., Electronic Tube Div ... P.O. Box 284, Elmira ... NY

TUBES –*RADIAL-BEAM* See TUBES –*COUNTER*

TUBES –*RECEIVING*

AVNET INSTRUMENT CORP., Adv Pgs 331, 364 ... 70 State St. Westbury ... NY
CBS Electronics, Div., CBS, Inc ... 100 Endicott St, Danvers ... Mass

General Electric Co., Receiving Tube Dept ... 316 E. 9th St. Owensboro ... Ky
International Electronics Corp. (Mullard Equip.) ... 81 Spring St. New York 12 ... NY
Marconi's Wireless Telegraph Co., Ltd ... 750 Third Ave. New York 17 ... NY
MULLARD OVERSEAS LTD., Adv Pg 448 ... **Torrington Pl. London W.C. 1** ... Eng
NIPPON ELECTRIC CO. LTD., Adv Pg 267 ... **2 Shiba Minato-ku, Tokyo** ... Jap
Philips' Gloeilampenfabrieken, N. V ... Eindhoven ... Neth
Radio Corp of America Electron Tube Div ... 415 S. 5th St. Harrison ... NJ
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., Adv Pg 37 ... **411 Providence Tpke. Westwood** ... Mass
Raytheon Co. Ind Components Div ... 55 Chapel St. Newton 58 ... Mass
Standard Tel. & Cables Ltd ... 29 Glasshouse Yard, London ... Eng
Sylvania Elec Prods Inc. Electronic Tubes ... 1740 Broadway, New York 19 ... NY
TECHNICAL APPARATUS BUILDERS, Adv Pg 529 ... **109 Liberty St. New York 6** ... NY
TUNG-SOL ELECTRIC INC., Adv Pgs 158, 159 ... **1 Summer Ave. Newark 4** ... NJ
Westinghouse Electric Corp., Electronic Tube Div ... P.O. Box 284, Elmira ... NY

TUBES –*RECTIFYING*

1. GAS-FILLED 2. VACUUM

AEROLUX LIGHT CORP., 1, Adv Pg 522 ... **653 11th Ave. New York 36** ... NY
American Elite, Inc. (Telefunken), 2 ... 48-50 34 St. Long Island City 1 ... NY
AMPEREX ELECTRONIC CORP., 1-2, Adv. Pgs. 214-217 ... **230 Duffy Ave. Hicksville** ... NY
AVNET INSTRUMENT CORP., 1-2, Adv Pgs 331, 364 ... **70 State St. Westbury** ... NY
Baird-Atomic Inc., 1-2 ... 33 University Rd. Cambridge 38 ... Mass
CBS Electronics, Div., CBS, Inc., 2 ... 100 Endicott St, Danvers ... Mass
Central Electronic Mfrs., Div of Nuclear Corp of America, 2 ... 2 Richwood Pl, Denville ... NJ
CETRON ELECTRONICS CORP., 1-2, Adv Pg 379 ... **715 Hamilton, Geneva** ... Ill
Comet Co., 2 ... 72, Waldegut Liebefeld, Berne, Switzerland
EDGERTON, GERMESHAUSEN & GRIER INC., 1, Adv Pg 284 ... **160 Brookline Ave. Boston** ... Mass
EITEL-McCULLOUGH INC., 1-2, Adv Pgs 57-60 ... **301 Industrial Way, San Carlos** ... Cal
Electrons, Inc., 1 ... 127 Sussex Ave, Newark 3 ... NJ
English Electric Valve Co., Ltd., 1-2 ... Chelmsford, Essex, England
Fenwal Electric Inc., 1-2 ... Industrial Park #1, Plainview ... NY
General Electric Co., Power Tube Dept., 1 ... 1 River Rd. Schenectady 5 ... NY
Gordos Corp., 1-2 ... 250 Glenwood Ave. Bloomfield ... NJ
ITT COMPONENTS DIV. ELECTRON TUBE DEPT., 1-2, Adv Pg 423 ... **Box 412, Clifton** ... NJ
International Electronics Corp. (Mullard Equip), 1-2 ... 81 Spring St. New York 12 ... NY
Keystone Electronics Co., 1-2 ... 65 7th Ave. Newark ... NJ
Lewis & Kaufman Electronics Corp., 2 ... P.O. Box 337, Los Gatos ... Cal
MACHLETT LABORATORIES INC., 1-2, Adv Pg 42 ... **1063 Hope St. Springdale** ... Conn
Marconi's Wireless Telegraph Co. Ltd., 1-2 ... 750 3rd Ave. New York 17 ... NY
MULLARD OVERSEAS LTD., 1-2, Adv Pg 448 ... **Torrington Pl. London W.C. 1** ... Eng
National Electronics, Inc., A Sub of Eitel McCullough, Inc., 1 ... 625 North St, Geneva ... Ill
NIPPON ELECTRIC CO. LTD., 1-2, Adv Pg 267 ... **2 Shiba Minato-ku, Tokyo** ... Jap
PEK Labs., Inc., 2 ... 4024 Transport St. Palo Alto ... Cal
Penta Laboratories, Inc., 2 ... 312 N Nopal St. Santa Barbara ... Cal
PHILCO CORP., LANSDALE DIV., 2, Adv Pg 88, 89 ... **501 Church Rd, Lansdale** ... Pa
Philips' Gloeilampenfabrieken, N. V., 1-2 ... Eindhoven ... Neth
Radio Corp of America, Electron Tube Div., 1-2 ... 415 S 5th St. Harrison ... NJ
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., 1-2, Adv Pg 37 ... **411 Providence Tpke. Westwood** ... Mass
Raytheon Co. Ind Components Div., 1-2 ... 55 Chapel St. Newton 58 ... Mass
Resitron Laboratories, Inc., 1-2 ... 2908 Nebraska Ave, Santa Monica ... Cal
SONOTONE CORP., 2 Adv Pg 375 ... **Elmsford** ... NY
Standard Tel. & Cables Ltd., 1-2 ... 29 Glasshouse Yard, London ... Eng
Sylvania Elec Prods Inc. Electronic Tubes, 1-2 ... 1740 Broadway, New York 19 ... NY
Thermosen, Inc., 2 ... 375 Fairfield Ave, Stamford ... Conn
TOKYO SHIBAURA ELECTRIC CO. LTD., 1-2, Adv Pg 265 ... **1-1, Uchisaiwai-cho, Chiyoda-ku Tokyo** ... Jap
TUNG-SOL ELECTRIC INC., 1-2, Adv Pgs 158, 159 ... **1 Summer Ave. Newark 4** ... NJ
Ulmer Co., H. W., 1-2 ... 2941 San Luis Rey Rd. Oceanside ... Cal
United Electronics Co., 1-2-4 ... 42 Spring St. Newark 4 ... NJ
Varian Associates, 1 ... 611 Hansen Way, Palo Alto ... Cal
Westinghouse Electric Corp., Electronic Tube Div., 1-2 ... P.O. Box 284, Elmira ... NY

TUBES –*STORAGE* See TUBES –*CATHODE-RAY*
TUBES –*STROBOSCOPIC* See LAMPS

TUBES –*THYRATRON*

1. COINCIDENCE — *3. MINIATURE*
2. HYDROGEN THYRATRON — *4. THYRATRON*

American Elite, Inc. (Telefunken), 3 ... 48-50 34 St. Long Island City 1 ... NY
AMPEREX ELECTRONIC CORP., 2-4, Adv. Pgs. 214-217 ... **230 Duffy Ave. Hicksville** ... NY
AVNET INSTRUMENT CORP., 2-3-4, Adv Pgs 331, 364 ... **70 State St. Westbury** ... NY
CETRON ELECTRONICS CORP., 4, Adv Pg 379 ... **715 Hamilton, Geneva** ... Ill
EMI-Cossor Electronics Ltd., 4 ... Box 525 Dartmouth NS ... Can
EDGERTON, GERMESHAUSEN & GRIER INC., 2-3, Adv Pg 284 ... **160 Brookline Ave. Boston** ... Mass
Electrons, Inc., 4 ... 127 Sussex Ave, Newark 3 ... NJ
English Electric Valve Co., Ltd., 3-4 ... Chelmsford, Essex, England
General Electric Co., Power Tube Dept., 2 ... 1 River Rd. Schenectady 5 ... NY
General Electric Co., Receiving Tube Dept. ... 316 E 9th St. Owensboro ... Ky
Hughes Microwave Components Div., 4 ... Florence & Teale, Culver City ... Cal
ITT COMPONENTS DIV. ELECTRON TUBE DEPT., 2, Adv Pg 423 ... **Box 412, Clifton** ... NJ
International Electronics Corp. (Mullard Equip), 2 ... 81 Spring St. New York 12 ... NY
Keystone Electronics Co., 2-4 ... 65 7th Ave. Newark ... NJ
Laine Electronics & Mfg. Co. Inc., 1-2-3-4 ... 91 Industrial Ave. Little Ferry ... NJ
Mackay Research Labs., 2 ... Box 141A, Benson ... Ariz
Marconi's Wireless Telegraph Co., Ltd., 2 ... 750 Third Ave, New York 17 ... NY
MULLARD OVERSEAS LTD., 2-3-4, Adv Pg 448 ... **Torrington Pl. London W.C. 1** ... Eng
National Electronics, Inc., A Sub of Eitel McCullough, Inc., 4 ... 625 North St, Geneva ... Ill

NIPPON ELECTRIC CO. LTD., 4, Adv Pg 267 ... **2 Shiba Minato-ku, Tokyo** ... Jap
Penta Laboratories, Inc., 2 ... 312 N. Nopal St. Santa Barbara ... Cal
Philips' Gloeilampenfabrieken, N. V., 1-4 ... Eindhoven ... Neth
Radio Corp of America Electron Tube Div., 2-3-4 ... 415 S. 5th St. Harrison ... NJ
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., 2-3-4, Adv Pg 37 ... **411 Providence Tpke. Westwood** ... Mass
Raytheon Co. Ind Components Div., 3-4 ... 55 Chapel St. Newton 58 ... Mass
RED BANK DIV. BENDIX CORP., 2-3, Adv. Pgs. 16, 17 ... **Eatontown** ... NJ
Standard Tel. & Cables Ltd., 1-2-3-4 ... 29 Glasshouse Yard, London ... Eng
Sylvania Elec Prods Inc. Electronic Tubes, 2-3 ... 1740 Broadway, New York 19 ... NY
TOKYO SHIBAURA ELECTRIC CO. LTD., 3-4, Adv Pg 265 ... **1-1, Uchisaiwai-cho, Chiyoda-ku Tokyo** ... Jap
TUNG-SOL ELECTRIC INC., 1-2-3-4, Adv Pgs 158, 159 ... **1 Summer Ave. Newark 4** ... NJ
Ulmer Co., H. W., 4 ... 2941 San Luis Rey Rd. Oceanside ... Cal
Westinghouse Electric Corp., Electronic Tube Div., 4 ... P.O. Box 284, Elmira ... NY
York Research Corp., Kip Electronics Div., 1-3-4 ... 1 Research Dr. Stamford ... Conn

TUBES –*TR. PRE TR & ANTI TR*

AVNET INSTRUMENT CORP., Adv Pgs 331, 364 ... **70 State St. Westbury** ... NY
Central Electronic Mfrs., Div Nuclear Corp America ... 2 Richwood Pl, Denville ... NJ
EMI/US Ltd ... 1750 N Vine St. Los Angeles 28 ... Cal
Metcom, Inc ... 76 Lafayette St. Salem ... Mass
Microwave Associates, Inc ... Burlington ... Mass
MULLARD OVERSEAS LTD., Adv Pg 448 ... **Torrington Pl. London W.C. 1** ... Eng
Philips' Gloeilampenfabrieken, N. V ... Eindhoven ... Neth
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., Adv Pg 37 ... **411 Providence Tpke. Westwood** ... Mass
Sylvania Elec Prods Inc. Electronic Tubes ... 1740 Broadway, New York 19 ... NY
Tucor Inc ... 59 Danbury Rd. Wilton ... Conn
Varian Associates ... 611 Hansen Way, Palo Alto ... Cal
Westinghouse Electric Corp., Electronic Tube Div ... P.O. Box 284, Elmira ... NY

TUBES –*VOLTAGE REFERENCE OR REGULATING (Incl. CORONA-TYPE)*

AEROLUX LIGHT CORP., Adv Pg 522 ... **653 11th Ave. New York 36** ... NY
American Elite, Inc. (Telefunken) ... 48-50 34 St. Long Island City 1 ... NY
AMPEREX ELECTRONIC CORP., Adv. Pgs. 214-217 ... **230 Duffy Ave. Hicksville** ... NY
Anton Electronic Labs Inc. Div. Lionel Corp ... 1226 Flushing Ave. Brooklyn 37 ... NY
AVNET INSTRUMENT CORP., Adv Pgs 331, 364 ... **70 State St. Westbury** ... NY
Baird-Atomic Inc ... 33 University Rd. Cambridge 38 ... Mass
CBS Electronics, Div., CBS, Inc ... 100 Endicott St, Danvers ... Mass
Cerberus AG ... Mannedorf, Switzerland
Connolly & Co ... Box 295, Menlo Park ... Cal
EMI/US Ltd ... 1750 N Vine St. Los Angeles 28 ... Cal
EDGERTON, GERMESHAUSEN & GRIER INC., Adv Pg 284 ... **160 Brookline Ave. Boston** ... Mass
Electronic Products Co ... 111 E. Third St, Mt. Vernon ... NY
Elesta Ltd., Electronic Control Apparatus ... Bad Ragaz, Switzerland
English Electric Valve Co., Ltd ... Chelmsford, Essex, England
Metcom, Inc ... 76 Lafayette St. Salem ... Mass
MULLARD OVERSEAS LTD., Adv Pg 448 ... **Torrington Pl. London W.C. 1** ... Eng
National Union Electric Corp ... Bloomington ... Ill
Philips' Gloeilampenfabrieken, N. V ... Eindhoven ... Neth
Radiation Research Corp ... 1150 Shames Dr. Westbury ... NY
Radio Corp of America Electron Tube Div ... 415 S. 5th St. Harrison ... NJ
RAYTHEON CO. DISTRIBUTOR PRODUCTS DIV., Adv Pg 37 ... **411 Providence Tpke. Westwood** ... Mass
Raytheon Co. Ind Components Div ... 55 Chapel St. Newton 58 ... Mass
RED BANK DIV. BENDIX CORP., Adv Pgs 16, 17 ... **Eatontown** ... NJ
Signalite Inc ... Neptune ... NJ
Standard Tel. & Cables Ltd ... 29 Glasshouse Yard, London ... Eng
Thermosen, Inc ... 375 Fairfield Ave, Stamford ... Conn
TUNG-SOL ELECTRIC INC., Adv Pgs 158, 159 ... **1 Summer Ave. Newark 4** ... NJ
Westinghouse Electric Corp. Electronic Tube Div ... Box 284, Elmira ... NY

TUBES –*X-RAY*

AMPEREX ELECTRONIC CORP., Adv. Pgs. 214-217 ... **230 Duffy Ave. Hicksville** ... NY
Comet Co ... 72, Waldegut Liebefeld, Berne, Switzerland
Eureka X-Ray Tube Corp ... 3250 N. Kilpatrick Ave, Chicago 41 ... Ill
Field Emission Corp ... 611 3rd St. McMinnville ... Ore
General Electric Co., X-Ray Dept ... 4855 Electric Ave, Milwaukee ... Wisc
HITACHI LTD., Adv Pg 263 ... **1-4 Marunouchi, Chiyoda-ku, Tokyo** ... Jap
MACHLETT LABORATORIES INC., Adv Pg 42 ... **1063 Hope St. Springdale** ... Conn
MULLARD OVERSEAS LTD., Adv Pg 448 ... **Torrington Pl. London W.C. 1** ... Eng
Philips Electronic Instruments ... 750 S. Fulton Ave, Mt. Vernon ... NY
Philips' Gloeilampenfabrieken, N. V ... Eindhoven ... Neth
Picker X Ray Corp ... White Plains ... NY
Resitron Laboratories, Inc ... 2908 Nebraska Ave, Santa Monica ... Cal
Varian Associates ... 611 Hansen Way, Palo Alto ... Cal
X-Ray Products Corp ... 7829 Industry Ave, Pico-Rivera ... Cal

TUBE TESTERS See TESTERS –*TUBE*
TUBE-TYPE CONVERTERS – A-C TO A-C See CONVERTERS –*POWER*

TUBING –*METALLIC (Incl. SLEEVES)*

1. ALUMINUM — *11. PLATINUM*
2. BRASS — *12. SILVER*
3. BRONZE — *13. STEEL*
4. COLUMBIUM — *14. STEEL, PLATED OR COATED*
5. COPPER — *15. STEEL-STAINLESS*
6. FLEXIBLE METAL — *16. TANTALUM*
7. GOLD — *17. TITANIUM*
8. MAGNESIUM — *18. TUNGSTEN*
9. MOLYBDENUM — *19. ZIRCONIUM*
10. NICKEL — *20. WOVEN OR KNITTED WIRE*

WAVEGUIDE See WAVEGUIDE TUBING

Accurate Specialties Co. Inc., 7-11 ... 345 Lodi St. Hackensack ... NJ
Aeroquip Corp., 1-2-3-4-5-6-10-11-12-13-14-15-16-17-18-19-20 ... 300 S East Ave, Jackson ... Mich
Allegheny Ludlum Steel Corp., 15 ... 2020 Oliver Bldg. Pittsburgh 22 ... Pa
ALPHA WIRE CORP., 20, Adv Pg 246 ... **200 Varick St. New York 14** ... NY
Aluminum Co of America, 1-8 ... Alcoa Bldg. Pittsburgh 19 ... Pa
Amatom Electronic Hardware Co. Inc., 1-2-13-14-15 ... 88 Drake Ave. New Rochelle ... NY
American Instrument Co., Inc., 15 ... 8030 Georgia Ave, Silver Spring ... Md
American Smelting & Refining Co., 3 ... 120 Broadway, New York 5 ... NY
Anaconda American Brass Co., 2-3-5-6 ... 414 Meadow St., Waterbury 20 ... Conn
Andrew California Corp., 5 ... 940 E Maryland Ave, Claremont ... Cal
Armco Steel Corp., 13-14 ... 703 Curtis St, Middletown ... Ohio
ARRA CORP., 1-2-3-5-12, Adv Pg 498 ... **27 Bond St. Westbury** ... NY
Associated Engineering & Mfg Corp., 9-16-18 ... Glen Ridge ... NJ
Avon Tube Div., Higbie Mfg. Co., 13-14 ... Wagner Rd, Rochester ... Mich
Bishop & Co., J., Platinum Works., 4-7-10-11-13-15-16-19 ... Malvern ... Pa
Bramin Corp., C. S., 7-11-12 ... 322 Washington St. Mt. Vernon ... NY
Brush Metallurgical Chemical Co., 1-4-5-7-9-10-11-13-15-17-19 ... 827 65 Ave. Philadelphia 26 ... Pa
Bronze Corp., 6-20 ... 700 Liberty Ave, Union ... NJ
Bridgeport Brass Co., 1-2-3-5-9-10-17-19 ... 30 Grand St. Bridgeport ... Conn
Buckbee Mears Co., 20 ... Toni Bldg. St. Paul ... Minn
Carpenter Steel Co., 15 ... 101 W Bern St. Reading ... Pa
Channel Master Co., 1 ... Ellenville ... NY
Chase Brass & Copper Co. Inc., 1-2-3-5-15-19 ... 236 Grand St. Waterbury 20 ... Conn
Clifton Conduit Corp., 6-13 ... 3300 Eastbourne Ave, Baltimore ... Md
Cooper & Sons Inc., Joseph B., 7-11 ... 180 Varick St. New York 14 ... NY
Co-Operative Industries, Inc., 5 ... 100 Oakdale Rd, Chester ... NJ
CRUCIBLE STEEL CO OF AMERICA, 13-15-17-19, Adv. Pgs. 160, 161 ... **Box 88, Pittsburgh 30** ... Pa
DeMORNAY-BONARDI CORP., 1-2-5-12, Adv. Pgs. 178, 179 ... **780 S Arroyo Pkwy. Pasadena** ... Cal
Dow Chemical Co., 1-8 ... Midland ... Mich
Electronic Parts Mfg Co. Inc., 2-10 ... 506-10 25th St. Union City ... NJ
Engelhard Industries Inc., 7-11-17 ... 113 Astor St. Newark 2 ... NJ
Fansteel Metallurgical Corp., 4-9-16-18 ... 2200 Sheridan, N. Chicago ... Ill
Flexaust Co., The, 6 ... 100 Park Ave, New York 17 ... NY
Flexonics Corp., 6-15 ... 450 E Devon Ave. Bartlett ... Ill
General Electric Co. Lamp Metals & Components Dept., 1-18 ... 21800 Tungsten Rd. Cleveland 17 ... Ohio
GEORGE PRODUCTS CO. INC., 1-2-4-5-9-10-14-15-16-17-19, Adv Pg 470 ... **104 Dorsa Ave. Livingston** ... NJ
Haynes Stellite Co., Div., UCC, 10-16 ... 1020 W. Park Ave, Kokomo ... Ind
Horton-Angell Co., 1-2-3-5-6-7-10-12-13-14-15 ... 27 Bicknell St. Attleboro ... Mass
I. E. Manufacturing, 13 ... 3541 Carroll, Chicago 12 ... Ill
Improved Seamless Wire Co., 7-12 ... 775 Eddy St, Providence 5 ... RI
International Nickel Co., Inc., 10 ... 67 Wall St, New York 5 ... NY
JFD ELECTRONICS CORP., 1, Adv Pgs 406, 407 ... **6101 16th Ave. Brooklyn 4** ... NY
Johnson Matthey & Mallory Ltd., 7-11-12 ... 110 Industry St, Toronto, Ontario, Canada
KENTUCKY ELECTRONICS INC., 1-4-7-8-9-10-11-12-15-16-17-18-19, Adv Pg 321 ... **2200 W 2nd St. Owensboro** ... Ky
LaPointe Industries, Inc., 1 ... 155 W. Main St, Rockville ... Conn
LEACH & GARNER CO. IND. DIV., 2-3-5-7-11-12, Adv Pgs 538, 539 ... **55 School St. Attleboro** ... Mass
Lindsay Artwood & Specialty Prods., Ltd., 1-5-13 ... 50 Mary St, Lindsay, Ontario, Canada
A.D. Mackay, Inc., 4-5-7-8-9-10-11-12-15-16-17-18-19 ... 198 Broadway, New York 38 ... NY
NATIONAL LEAD CO., 1-17-19, Adv Pg 557 ... **111 Broadway, New York 6** ... NY
National Research Corp., Metals Div., 16 ... 70 Memorial Dr, Cambridge 42 ... Mass
NEY CO., J. M., 7, Adv Pg 467 ... **Maplewood Ave. Bloomfield** ... Conn
Ohio Seamless Tube Div. Copperweld Steel Co., 13 ... Shelby ... Ohio
Paul & Stein Bros, Inc, F. H., 7-4-16-18 ... 215 Fifth Ave. New York 35 ... NY
Pfister Aluminum Corp., 1 ... 54 W. Allendale Ave, Allendale ... NJ
Precision Tube Co. Inc., 1-2-3-5-10-15 ... Church Rd. & Wissahickon Ave. North Wales ... Pa
Pyrometer Co. of America, Inc., 11 ... 600 E Lincoln Hwy. Penndel ... Pa
REMBAR CO. INC., THE, 4-9-16-18, Adv Pg 543 ... **67 Main St. Dobbs Ferry** ... NY
Republic Steel Corp., 13-14-15-20 ... Republic Bldg. Cleveland 1 ... Ohio
Resinite Corp., Div., Precision Paper Tube Co., 1-5 ... 6981 N. Central Park Ave, Chicago 45 ... Ill
Revere Copper & Brass, Inc., 1-2-3-5-13 ... 230 Park Ave, New York 17 ... NY
Reynolds Metals Co., 1 ... P.O. Box 2346 ZE, Richmond 18 ... Va
Rome Cable Div of Alcoa, 1-13 ... Ridge St, Rome ... NY
Ryerson & Son, Inc., J.T., 1-13-15 ... 2558 W. 16th St, Chicago 8 ... Ill
Schutter Microwave Corp., 1-2-3 ... 80 E Montauk Hwy. Lindenhurst ... NY
Schuyler Mfg. Corp., 20 ... 94 Passaic Ave, North Arlington ... NJ
Semi-Alloys Inc., 1-2-3-4-5-6-7-8-9-10-11-12-13-16-17-18-19 ... 20 McQuesten Pkwy. N, Mt. Vernon ... NY
Standard Metals Corp., 1-2-3-5-7-12 ... Broad & Whiting St. North Attleboro ... Mass
Suflex Corp., 20 ... 33-45 57th St. Woodside 77 ... NY
SUPERIOR TUBE CO., 4-10-13-15-16-17-19, Adv Pgs 154, 155 ... **2504 Germantown Pike, Norristown** ... Pa
Sylvania Elec Prods Inc. Sylcor Div., 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19 ... 208-20 Willets Point Blvd. Bayside ... NY
Technical Wire Products, Inc., 20 ... 129 Dermody St. Cranford ... NJ
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 4-7-10-11-12-14-15-16-19-20, Adv Pg 81 ... **34 Forest St. Attleboro** ... Mass
Timken Roller Bearing Co., 13-15 ... Canton 6 ... Ohio
Titeflex Inc., 6-15-20 ... 534 Hendee St. Springfield ... Mass
Trion Mfg Co., 7-11-12 ... 5012 S Wallace St. Chicago 20 ... Ill
Uniform Tubes Inc., 1-2-5-7-10-12-13-15 ... Collegeville ... Pa
U.S. Hoffman Machinery Corp., 13 ... 103 4th Ave, New York 3 ... NY
U.S. Steel Corp., 13-15-20 ... 525 Wm Penn Pl, Pittsburgh 30 ... Pa
United Wire & Supply Corp., 1-2-5-10 ... 1497 Elmwood Ave. Providence 7 ... RI
Var-Lac-Oid Chemical Co., 4-9-10-11-12-16-17-18-19 ... 116 Broad St. New York 4 ... NY
Victor Industries Co., 1 ... 242 Mathison Ave, Port Chester ... NY
Wallingford Steel Co., 15 ... Valley St, Wallingford ... Conn
WILKINSON CO., 2-5-7-11-12, Adv Pg 180 ... **1660 9th St. Santa Monica** ... Cal

TUBING –*NONMETALLIC (Incl. SLEEVES)*

1. ALUMINIUM OXIDE — *8. GLASS, METALLIZED*
2. ASBESTOS — *9. GLASS, PRECISION*
3. CERAMIC — *10. MICA*
4. CERAMIC, METALLIZED — *11. PAPER*
5. FABRIC — *12. PAPER, VARNISHED OR LACQUERE*
6. FUSED QUARTZ — *13. VARNISHED CAMBRIC*
7. GLASS FIBER — *14. VULCANIZED FIBRE*

PLASTICS See PLASTICS –*RODS & TUBING*: RUBBER See RUBBER –*PARTS*

ACCURATE PAPER TUBE CO., 2-10-11, Adv Pg 482 ... **801 N Peoria St. Chicago 22** ... Ill

Accurate Specialties Co. Inc., 4-8	345 Lodi St. Hackensack	NJ
Aerolite Electronics Corp., 8	2207 Summit Ave. Union City	NJ
ALPHA WIRE CORP., 4-7, Adv Pg 246	**200 Varick St. New York 14**	**NY**
AMERICAN LAVA CORP., 1-3-4, Adv Pg 237	**Cherokee & Mfgrs Rd. Chattanooga 5**	**Tenn**
American Mica Insulation Co., 5-10-11-12-14	235 Parker Ave. Manasquan	NJ
AMERICAN SUPER-TEMPERATURE WIRES INC., 7, Adv Pg 188	**8 W Canal St. Winooski**	**Vt**
Asheville-Schoonmaker Mica Co., 10	900 Jefferson Ave, Newport News	Va
Associated Engineering & Mfg. Corp., 6	Glen Ridge	NJ
Auburn Mfg. Co., The, 2-13-14	Pease Ave. & Stack St. Middletown	Conn
B & C Insulation Products, Inc., 7-13	490 Lincoln Highway, Iselin	NJ
Bache & Co., Semon, 9	636 Greenwich St, New York 14	NY
Baer Co. N.S., 14	9 Montgomery St. Hillside	NJ
Bemis Bro Bag Co., 5-11	111 N 4th St. Box 70, St Louis 2	Mo
BENTLEY-HARRIS MFG CO., 7-13, Adv Pg 141	**Conshohocken 13**	**Pa**
BIRNBACH RADIO CO. INC., 7-13, Adv Pg 529	**145 Hudson St. New York 13**	**NY**
BLACKBURN INC., P. W., 6, Adv Pg 550	**67 Main St. Dobbs Ferry**	**NY**
Bram Metallurgical Chemical Co., 6	820 65 Ave. Philadelphia 26	Pa
Brand, William-Rex Div., 5-7-13	46 Sudbury Rd, Concord	Mass
CFI CORP., 1-3-4, Adv Pg 294	**Cottage Pl. Mineola**	**NY**
CARBORUNDUM CO. REFRACTORIES DIV., 1-3-4-7-8-11, Adv Pgs 104, 105	**Perth Amboy**	**NJ**
Carvil Technical Ceramics Inc., 1-3-4-8	101-23rd St. Union City	NJ
Central Scientific Co. Div. Cenco Instr Inc., 9	1700 Irving Park Rd. Chicago 13	Ill
CENTRALAB ELECTRONICS, DIV. GLOBE-UNION, INC., 3-4, Adv. Pgs. 376, 377	**914Y E Keefe Ave. Milwaukee 1**	**Wis**
Ceramco Inc. Chemists, 4-8	173 Ridge St. Newark 4	NJ
Cleveland Container Co., 2-11-12	6201 Barberton Ave, Cleveland 2	Ohio
Continental-Diamond Fibre Corp., 2-5-7-10-11-12-14	Newark 100	Del
Coors Porcelain Co., 1-3-4	600 9th St, Golden	Colo
Corning Glass Works, Corning Electronic Components, 8-9	550 High St. Bradford	Pa
Cortland Industries, Inc., 14	4545 Cortland St. Chicago 39	Ill
Culbertson Products, Inc., 8	25 Samson Ave, Madison	NJ
Diamonite Products Mfg. Co., 1	Shreve	Ohio
DU-CO CERAMICS CO., 3-4, Adv Pg 78	**1050 Main St. Saxonburg**	**Pa**
Duramic Products, Inc., 1-3-4	426 Commercial Ave. Palisades Park	NJ
Electrical Refractories Co., 3	50 Clark St, E. Palestine	Ohio
Electro-Ceramics, Inc., 1-3-4	2645 S 2nd W. Salt Lake City 15	Utah
Emerson Plastics Corp., 7	1181 Sedgwick Ave, Bronx 61	NY
Emmco Plastics Corp., 5-7-11-12-14	51 Vine St. Everett	Mass
Engelhard Industries Inc., 6	113 Astor St. Newark 2	NJ
Engineering Science Div Amer Metal Pdts Co., 3-4	2601 S State St. Ann Arbor	Mich
Film Resistors Inc., 4-8	242 Ridgedale Ave. Morristown	NJ
Fischer & Porter Co., 6-9	476 Warminster Rd. Warminster	Pa
Fish-Schurman Corp., 9	70 Portman Rd. New Rochelle	NY
Form-it Products, Inc., 11-12	1619 W. Walnut St, Chicago 12	Ill
Franklin Fibre-Lamitex Corp., 7-12-13-14	Box 1768, Wilmington	Del
Frenchtown Porcelain Co., 1-3-4	Frenchtown	NJ
GENERAL CERAMICS DIV. INDIANA GENERAL CORP., 3-4, Adv Pg 77	**Keasbey**	**NJ**
GENERAL ELECTRIC CO. WILLOUGHBY QUARTZ PLANT, 6, Adv Pg 10	**Dept. EBG-9, Willoughby**	**Ohio**
Gladding, McBean & Co., 1-3-4	1551 S. Primrose St, Monrovia	Cal
Hanibal Glass Inc., 9	3025 S Kilbourn Dr. Santa Ana	Cal
Insulation Manufacturers Corp., 2-5-7-10-11-14	565 W Washington Blvd. Chicago 6	Ill
Isolantite Mfg. Corp., 3-4	Stirling	NJ
JFD ELECTRONICS CORP., 3-4-6-8-9, Adv Pgs 406, 407	**6101 16th Ave. Brooklyn 4**	**NY**
Jonesville Paper Tube Corp., 11	474 Beck Rd, Jonesville	Mich
Kimble Glass Sub. Owens-Illinois, 9	Box 1035, Toledo 1	Ohio
Kirchberger & Co., Inc., M., 3	248 Humphrey St, Englewood	NJ
LAPP INSULATOR CO. INC. RADIO SPECIALITIES DIV., 3, Adv Pgs 340, 341	**31 Gilbert St. Le Roy**	**NY**
Litton Engineering Labs, 4	Box 949 Grass Valley	Cal
Louthan Plant, Refrac. Div. Ferro Corp., 3	2200 Harvey Ave. E. Liverpool	Ohio
MAGNETIC SHIELD DIV. PERFECTION MICA CO., 10, Adv Pg 35	**1320 N. Elston Ave. Chicago 22**	**Ill**
MARKEL & SONS, L. FRANK, 5-7, Adv Pg 558	**School House La. Norristown**	**Pa**
Materials for Electronics, Inc., 1-3	152-25 13th Ave, Jamaica 34	NY
Mica Fabricating Co., 3-10-13	53 Central Ave. Rochelle Park	NJ
Middlesex Paper Tube Co., Inc., 11	345 Chelmsford St, Lowell	Mass
Minn-Honeywell, Ceramics Lab., 1-3-4	Box 44, Minneapolis 40	Minn
Minnesota Mining & Mfg Co. Electrical Tapes, 5-7-13	900 Bush Ave. St Paul 6	Minn
Molecular Electronics Co., 4-8	71 Monroe St. Garfield	NJ
MYCALEX CORP. OF AMERICA, 10, Adv Pg 351	**125 Clifton Blvd. Clifton**	**NJ**
NATIONAL BERYLLIA CORP., 1-3-4, Adv Pg 552	**1st & Haskell, Haskell**	**NJ**
National Ceramic Co., 3-4	585 Southard St. Trenton 2	NJ
National Electric Coil Div. McGraw Edison Co., 7	800 King Ave. Columbus 16	Ohio
National Vulcanized Fibre Co., 14	Box 311, Wilmington 99	Del
Niemand Bros, Inc., 11	45-10 94 St, Elmhurst 73	NY
Norton Co., 1-3	1 New Bond St. Worcester 6	Mass
PARAMOUNT PAPER TUBE CORP., 2-11-12-14, Adv Pg 543	**614 Lafayette St, Fort Wayne**	**Ind**
Penn Fibre & Specialty Co., 14	2020 E. Westmoreland St, Philadelphia 34	Pa
Polymica & Insulation Co., 10	683 Main St. Willimantic	Conn
PRECISION PAPER TUBE CO., 2-7-11-12, Adv Pg 468	**2041 W Charleston St. Chicago 47**	**Ill**
QUARTZITE PROCESSING, INC., 6 Adv Pg 396	**6 Holyoke St. Malden**	**Mass**
Resinite Corp. Div. Prec. Paper Tube Co. 2-10-12	6981 N. Central Park Ave, Chicago 45	Ill
Resinite Dept., Borden Chemical Co., 7	P.O. Box 480, Compton	Cal
Silicone Insulation, Inc., 7	1385 Sunbury Ave. Bronx 61	NY
Solar Mfg. Corp., 3-4	4553 Seville Ave, Los Angeles 58	Cal
Spaulding Fibre Co., Inc., 14	310 Wheeler St, Tonawanda	NY
Star Porcelain Co., 3	61 Muirhead Ave. Trenton 9	NJ
Stevens Products, Inc., 7	86-88 Main St. East Orange	NJ
Steward Mfg Co., D.M., 3-4	3600 Jerome Ave. Chattanooga 1	Tenn
Stone Paper Tube Co. Div. Stone Straw Corp., 2-11-12-14	900 Franklin St. NE, Washington 17	DC
Suflex Corp., 7-9	33-40 57th St. Woodside 77	NY
SUPERIOR STEATITE & CERAMIC CORP., 3, Adv Pg 536	**83-91 W Forest Ave. Englewood**	**NJ**
Sylvania Elec Prods Inc. Sylcor Div., 1	208-20 Willets Point Blvd. Bayside	NY
SYNCOR PRODUCTS CO., 6, Adv Pg 514	**30 Eastern Ave. Malden**	**Mass**
Tanner Engineering Co., 7	1001 Santa Fe Ave. Los Angeles 21	Cal
Thor Ceramics, Inc., 1-3-4	225 Belleville Ave. Bloomfield	NJ
Tingstol Co., 5-7-14	1340 W. Fullerton, Chicago 14	Ill
Topper Mfg Co. Inc., 7	84-56 Parsons Blvd. Jamaica 32	NY
United Mineral & Chemical Corp., 10	16 Hudson St, New York 13	NY
United Products Co., 1-3-4-8	165 Franklin Ave. Nutley 10	NJ
Van Waters & Rogers Inc. Braun-Knecht-Heimann Div., 9	601 O'Neil Ave. Belmont	Cal
VARFLEX CORP., 7-13, Adv Pg 306	**506 W Court St. Rome**	**NY**
Wells Electronics Co., 7	1701 S Main St. South Bend 23	Ind
Westinghouse-Lamp Div., 6-9	Bloomfield	NJ
Wilmington Fibre Specialty Co., 14	New Castle 6	Del
Zirconium Corp of America, 1-3	31501 Solon Rd, Solon 39	Ohio

TUBING –*WAVEGUIDE* See WAVEGUIDE TUBING
TUMBLING ABRASIVES See ABRASIVES

TUNERS –*ENTERTAINMENT, RADIO & TV*

1. A-M
2. A-M/F-M
3. F-M
4. PERMEABILITY-TYPE A-M, F-M OR TV
5. TV
6. UHF

Andrea Radio Corp., 5	27-01 Bridge Plaza N, Long Island City 1	NY
Bell Sound Div. TRW Inc., 2	555 Marion Rd. Columbus 7	Ohio
Bogart Mfg Corp., 6	315 Seigel St. Brooklyn 6	NY
Bogen-Presto Div. Siegler Corp., 1-2-3	Box 500, Paramus	NJ
Browning Labs., Inc., 1-2-3	100 Union Ave, Laconia	NH
Calbest Electronics Co., 2-3	4801 Exposition Blvd. Los Angeles 16	Cal
Channel Master Co., 2	Ellenville	NY
Chisholm Industries Ltd., 1-2	Electronic St. Port Moody B. C.	Can
Corning Glass Works, Corning Electronic Components, 3	550 High St. Bradford	Pa
Crosby Teletronics Corp., 2-3	54 Kinkel St. Westbury	NY
DX Radio Products Co., Inc., 6	2300 Armitage Ave, Chicago 47	Ill
Dukane Corp., 2	St Charles	Ill
Dynaco, Inc., 3	3912 Powelton Ave, Philadelphia 4	Pa
ELECTRONIC INSTRUMENT CO. INC., 1-2-3, Adv Pg 394	**3300 Northern Blvd. Long Island City**	**NY**
Electronics, Missiles & Commun. Inc., 6	262 E 3rd St. Mt. Vernon	NY
Eric Engineering Co., 1-2-3-4	1823 Colorado Ave, Santa Monica	Cal
Fanon Electronic Industries, Inc., 1-2-3	439 Frelinghuysen Ave. Newark	NJ
Ferrotran Electronic Co. Inc., 4	693 Broadway, New York 12	NY
General Dynamics/Electronics, 1-2-3	100 Carlson Rd. Rochester 3	NY
General Instrument of Canada Ltd., 1-2-5-6	151 Weber St. S, Waterloo	Ont
Gonset Div. Young Spring & Wire Corp., 1-3	801 S Main St. Burbank	Cal
Harman-Kardon, Inc., 2-3	Ames Ct. Plainview	NY
Heath Co., A Sub of Daystrom, Inc., 1-2-3	Benton Harbor	Mich
I. D. E. A., Inc., 1-2	7900 Pendleton Pike, Indianapolis 26	Ind
Karg Laboratories, Inc., 3	162 Ely Ave. South Norwalk	Conn
KATAOKA ELECTRIC CO. LTD., 5, Adv Pg 262	**247 Yukigaya-cho, Ohta-ku, Tokyo**	**Jap**
Lenk Audio Products, 3	80 Shore Rd. Port Washington	NY
McIntosh Laboratory, Inc., 2-3	2 Chambers St. Binghamton	NY
Magnavox Co., 5-6	2131 Bueter Rd. Fort Wayne 4	Ind
MATSUSHITA ELECTRIC, 5, Adv Pg 255	**Box 288, Osaka Central, Tokyo**	**Jap**
Miller Co., J.W., 1	5917 S Main St. Los Angeles 3	Cal
Miratel, Inc., 1-5	1 St. SE & Richardson, New Brighton 12	Minn
OAK MFG CO., 3-4-5-6, Adv Pg 283	**Crystal Lake**	**Ill**
Pilot Radio Corp., 2-3	37-06 36th St, Long Island City	NY
Precision Apparatus Co., Inc., 2-3	70-31 84 St, Glendale 27	NY
Precision Electronics, Inc., 1-2-3	9101 King St, Franklin Park	Ill
Radio Condenser Co., 4	Davis & Copewood Sts. Camden 3	NJ
Rauland-Borg Corp., 2-3	3535 W Addison St, Chicago 18	Ill
Sargent-Rayment Co., 2-3	462 Hester Ave, San Leandro	Cal
Sarkes Tarzian Inc. Broadcast Eqpt Div., 2-3	E Hillside Dr. Bloomington	Ind
Sarkes-Tarzian, Inc., Tuner Div., 3-5-6	E. Hillside Dr, Bloomington	Ind
Sherwood Electronic Labs., Inc., 2-3	4300 N. California Ave, Chicago 18	Ill
Sickles, F.W., Div. General Instrument Corp., 1-3-4-5-6	165 Front St. Chicopee	Mass
Standard Kollsman Industries Inc., 3-5-6	2085 N Hawthorne Ave, Melrose Park	Ill
Trav-Ler Radio Corp., 1-2	571 W Jackson Blvd. Chicago	Ill
Trutone Electronics, Inc., 2-3	6112 Santa Monica Blvd. Hollywood 38	Cal
V-M Corp., 2	305 Territorial, Benton Harbor	Mich
Vitro Corp of America, 6	261 Madison Ave. New York 16	NY
VITRO ELECTRONICS DIV., VITRO CORP., 6, Adv Pgs 309, 310	**919 Jesup Blair Dr. Silver Spring**	**Md**
Wells-Gardner Electronics Corp., 1-2-3	2701 N Kildare Ave. Chicago 39	Ill

TUNERS –*KLYSTRON*

Airtec, Inc	139 E. First Ave, Roselle	NJ
Bogart Mfg Corp	315 Seigel St. Brooklyn 6	NY
Diamond Antenna & Microwave Corp	River St. Winchester	Mass
Eastern Industries	100 Skiff St. Hamden	Conn
EMPIRE DEVICES INC., Adv Pg 132	**Amsterdam**	**NY**
Frequency Standards, Div., Harvard Industries, Inc	P.O. Box 504, Asbury Park	NJ
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
POLARAD ELECTRONICS CORP Adv Pg 269-272	**43-20 34 St, Long Island City 1**	**NY**
Precision Microwave Corp	Main St. Millis	Mass

TUNERS –*MICROWAVE (Incl. SLIDING SHORTS)*

Airtec, Inc	139 E. First Ave, Roselle	NJ
ALFORD MFG. CO., Adv Pg 78	**299 Atlantic Ave. Boston**	**Mass**
Andrew California Corp	941 E Maryland Ave. Claremont	Cal
ANTENNA SYSTEMS, INC., Adv Pg 428	**Hingham Industrial Center, Hingham**	**Mass**
ARRA CORP., Adv Pg 498	**27 Bond St. Westbury**	**NY**
Bogart Mfg Corp	315 Seigel St. Brooklyn 6	NY
C W S Waveguide Corp	301 W. Hoffman Ave, Lindenhurst	NY
CONTROL ELECTRONICS CO. INC., Adv Pg 444	**10 Stepar Pl. Huntington Sta**	**NY**
DeMORNAY-BONARDI CORP., Adv. Pgs. 178, 179	**780 S Arroyo Pkwy. Pasadena**	**Cal**
Diamond Antenna & Microwave Corp	River St, Winchester	Mass
Don-Lan Electronics Inc	1131 Olympic Blvd. Santa Monica	Cal
EMPIRE DEVICES INC., Adv Pg 132	**Amsterdam**	**NY**
FXR INC., Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Frequency Standards, Div., Harvard Industries, Inc	P.O. Box 504, Asbury Park	NJ
GB Electronics Corp. Sub. Gen Bronze Corp	711 Stewart Ave. Garden City	NY
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
Gombos Co., Inc., John	Webro Rd, Clifton	NJ
HEWLETT-PACKARD CO., Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
JONES ELECTRONICS CO INC, M C, SUB		
BENDIX CORP Adv Pg 131	**185 N Main St. Bristol**	**Conn**
Kearfott Div. Gen. Precision Inc. Microwave Prods.	14844 Oxnard St. Van Nuys	Cal
LIECO INC., Adv Pg 398	**150 Eileen Way, Syosset**	**NY**
M.O.S. Corp.	1001 S Mountain Ave. Monrovia	Cal
Maury & Associates	10373 Mills Ave, Montclair	Cal
Meridian Metalcraft, Inc	8739 S. Millergrove Dr, Whittier	Cal
MICROLAB, Adv Pg 356	**570 W Mt. Pleasant Ave. Livingston**	**NJ**
Microwave Associates, Inc	Burlington	Mass
MICROWAVE CORP. OF AMERICA, Adv Pg 462	**Box 278, Stanford**	**Conn**
Microwave Development Labs. Inc	15 Strathmore Rd. Natick	Mass
Microwave Dynamics Corp	5 Fairchild Ct. Plainview	NY
OMEGA LABORATORIES INC., Adv Pg 226	**Box 309, Rowley**	**Mass**
PRD ELECTRONICS, INC., Adv. Pgs. 113-116	**202 Tillary St. Brooklyn 1**	**NY**
Pitometer Log Corp.	237 Lafayette St, New York 12	NY
POLARAD ELECTRONICS CORP Adv. Pgs 269-272	**43-20 34 St. Long Island City 1**	**NY**
Precision Microwave Corp	Main St, Millis	Mass
R.L.C. Electronics, Inc	805 Mamaroneck Ave. Mamaroneck	NY
RADAR MEASUREMENTS CORP Adv Pg 516	**190 Duffy Ave. Hicksville**	**NY**
Schutter Microwave Corp	80 E Montauk Hwy. Lindenhurst	NY
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
Turbo Machine Co	840 N Main St. Lansdale	Pa
United Shoe Machinery Corp	140 Federal St. Boston	Mass
Waveline, Inc	P.O. Box 718, Caldwell	NJ
WEINSCHEL ENGINEERING CO., INC Adv Pg 51-54, 55	**10503 Metropolitan Ave, Kensington**	**Md**

TUNGSTEN

1. BARS & RODS
2. POWDER & PELLETS
3. RIBBON
4. PRECISION GROUND PARTS

TUBING See TUBING –*METALLIC*: WIRE See WIRE –*BARE*

Accurate Specialties Co. Inc., 2	345 Lodi St. Hackensack	NJ
Associated Engineering & Mfg. Corp., 1-2-3	Glen Ridge	NJ
Belmont Smelting & Refining Works, 2	332 Belmont Ave, Brooklyn 7	NY
Bram Metallurgical Chemical Co., 1-2-3	820 65 Ave, Philadelphia 26	Pa
CROSS CO., H. 3, Adv Pg 538	**3229 Bergenline Ave. Union City**	**NJ**
Eisler Engineering Co. Inc., 1-2-3	751 S 13 St. Newark 3	NJ
Electronic Parts Mfg Co. Inc., 1	508-10 25th St. Union City	NJ
Engineering Science Div Amer Metal Pdts Co., 2	2601 S State St. Ann Arbor	Mich
Fansteel Metallurgical Corp., 1-2-3	2200 Sheridan, N. Chicago	Ill
Firth Sterling, Inc., 1-2	3115 Forbes Ave, Pittsburgh	Pa
General Electric Co., Lamp Metals & Components Dept., 1-2-3	21800 Tungsten Rd, Cleveland 17	Ohio
GIBSON ELECTRIC CO., 2, Adv Pg 462	**P O Box 535, Delmont**	**Pa**
Gladding, McBean & Co., 1-3	1551 S Primrose St. Monrovia	Cal
Kennametal Inc., 1-2	Lloyd Ave, Latrobe	Pa
A.D. Mackay, Inc., 1-2-3	198 Broadway, New York 38	NY
Materials for Electronics Inc., 2	152-25 13th Ave. Jamaica 34	NY
MILLER FORM TOOL CO. INC., 4, Adv Pg 530	**45 E Sharon St. LeCenter**	**Minn**
Murex Ltd. Powder Metal Div., 1-3	Rainham, Essex	Eng
Philips Elmet Corp., 1-2-3	Lisbon Rd. Lewiston	Me
REMBAR CO. INC., THE, 1-3, Adv Pg 543	**67 Main St. Dobbs Ferry**	**NY**
Semi-Alloys Inc., 1-2-3	20 McQueston Pkwy. N, Mt. Vernon	NY
Shieldalloy Corp., 2	Newfield	NJ
Sylvania Electric Prods., Inc., Chem & Metallurgical Div., 1-2	Towanda	Pa
Union Carbide Metals Co., Div., UCC, 2	270 Park Ave, New York 17	NY
United Mineral & Chemical Corp., 1-2	16 Hudson St, New York 13	NY
Var-Lac-Oid Chemical Co., 1-2-3	116 Broad St, New York 4	NY
Wah Chang Corp., 1-2	233 Broadway, New York 7	NY
Westinghouse-Lamp Div., 1-2	Bloomfield	NJ

TUNING CAPACITORS See CAPACITORS –*VARIABLE*
TUNING CONTROLS –*AUTOMATIC* See CONTROLS –*AUTOMATIC TUNING*

TUNING DEVICES –*RECEIVER, MECHANICAL*

Frequency Standards Div. Harvard Industries Inc	Box 504, Asbury Park	NJ
Karg Laboratories, Inc	162 Ely Ave. South Norwalk	Conn
Philco Corp., Gov't & Ind'l Div	4700 Wissahickon Ave, Philadelphia 44	Pa

TUNING DEVICES –*TRANSMITTER, MECHANICAL*

Frequency Standards Div. Harvard Industries Inc	Box 504, Asbury Park	NJ
Heppner Mfg Co	Box 608, Round Lake	Ill
Johnson Co., E.F.	Waseca	Minn
Philco Corp., Gov't & Ind'l Div	4700 Wissahickon Ave, Philadelphia 44	Pa

TUNING FORK OSCILLATORS See OSCILLATORS – *A-F*
TUNING FORKS See FORKS

TUNING UNITS –*TRANSMITTING ANTENNA*

Andrew California Corp	941 E Maryland Ave. Claremont	Cal
Electrada Corp	11244 Playa St. Culver City	Cal
Frequency Standards Div. Harvard Industries Inc	Box 504, Asbury Park	NJ
Johnson Co., E.F.	Waseca	Minn
Philco Corp., Gov't & Ind'l Div	4700 Wissahickon Ave, Philadelphia 44	Pa
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
United Shoe Machinery Corp	140 Federal St. Boston	Mass

TUNNEL DIODES See DIODES –*CRYSTAL*
TURBIDITY CONTROLS See CONTROLS –*PHOTOELECTRIC*
TURBIDITY INDICATORS See INDICATORS –*TURBIDITY*
TURNS-COUNTING DIALS See DIALS

TURNTABLES

1. RECORDING & TRANSCRIPTION
2. TRANSCRIPTION PLAYBACK ONLY

Bogen-Presto Div., Siegler Corp., 1-2	P.O. Box 500, Paramus	NJ
Components Corp., 2	Denville	NJ
DYNA-EMPIRE INC., 2, Adv Pg 514	**1075 Stewart Ave. Garden City**	**NY**
Fairchild Recording Equip., Co., 1-2	10-40 45th Ave, L I City 1	NY
Garrard Sales Corp., 2	80 Shore Rd, Port Washington	NY
Gates Radio Co., 1-2	123 Hampshire St, Quincy	Ill
General Dynamics/Electronics	100 Carlson Rd. Rochester 3	NY
Gotham Audio Corp., 1	2 W 46 St. New York 36	NY
Gray Mfg. Co., 2	Dept 67, 16 Arbor St. Hartford 1	Conn
JAPAN PIEZO ELECTRIC CO. LTD., 1, Adv Pg 258	**801 Kami-renjaku, Mitaka, Tokyo**	**Jap**
Lesa Costr Electromeccaniche SpA., 1	21 Via Bergamo, Milano	Italy
Mitzner Engineering Corp., 2	1041 N. Sycamore, Hollywood 38	Cal

Pickering & Co., Inc., 2	Sunnyside Blvd, Plainview	NY
Sonotone Electric Corp., 1-2	35 E 28th St. New York 16	NY
Thorens Div. Elgin Natl. Ind. Inc., 1-2	Thorens Bldg, New Hyde Park	NY

TV ANTENNA BRACKETS See BRACKETS
TV ANTENNA CIRCUIT FILTERS See FILTERS
TV BROADCAST STATION ANTENNAS See ANTENNAS -*BROADCAST STATION*
TV CAMERA LENSES See LENSES -*OPTICAL*
TV CAMERA PICKUP TUBES See TUBES -*CATHODE-RAY*
TV CAMERAS See CAMERAS–TV
TV COUPLERS -*RECEIVER* See COUPLERS -*RECEIVING*
TV FACEPLATES See FACEPLATES
TV FOCUSING COILS See COILS
TV LINE SELECTORS See LINE SELECTORS
TV MASKS See MASKS-TV
TV MAST MOUNTS See MOUNTS -*ANTENNA*
TV MIRRORS See MIRRORS-TV
TV MONITORS -*VIDEO* See MONITORS -*VIDEO*
TV PICKUP UNITS -*MOBILE* See PICKUP UNITS-TV
TV PICTURE TUBES See TUBES -*CATHODE-RAY*
TV PROJECTION RECEIVER LENSES See LENSES -*OPTICAL*
TV PROJECTION UNITS See RECEIVERS–TV
TV RECEIVERS -See RECEIVERS–TV
TV RECEIVING ANTENNAS See ANTENNAS–TV. *RECEIVING*
TV RECORDERS See RECORDERS -*MAGNETIC TAPE*
TV SIGNAL GENERATORS See GENERATORS -*SIGNAL*

TV SYSTEMS

1. CLOSED-CIRCUIT 2. INDUSTRIAL

Admiral Corp., 1	3800 W Cortland St. Chicago 47	Ill
American Microwave & Television Corp., 1-2	1369 Industrial Rd. San Carlos	Cal
Astrovision? Inc., 1-2	Box 11126, Phoenix	Ariz
Argus Cameras Inc. Div Sylvania Elec Prods Inc, 1-2	405 4th St. Ann Arbor	Mich
B. & K. Mfg. Co., 1	1801 W Belle Plaine, Chicago 13	Ill
Bendix Corporation, Friez Instrument Div., 1	1400 Taylor Ave. Baltimore 4	Md
Blonder-Tongue Laboratories, Inc., 1-2	Dept EM, 9 Alling St, Newark 2	NJ
CBS Laboratories, 1	227 High Ridge Rd. Stamford	Conn
Computing Devices of Can. Ltd., 2	Box 508, Ottawa, Ont	Can
Dage Div Thompson Ramo Wooldridge, Inc., 1-2	Michigan City	Ind
Daven Electronics Corp., 1	P.O. Box 85, Rockville	Conn
Diamond Electronics Div. Diamond Power Specialty Corp., 1-2	Box 415, Lancaster	Ohio
Dynamics, Inc., 1-2	4620 Ethel Ave. Sherman Oaks	Cal
EMI-Cossor Electronics Ltd., 1-2	Box 525 Dartmouth NS	Can
Electron Corp., 1-2	Box 5570, Dallas 22	Tex
Entron, Inc., 1	4902 Lawrence St, Bladensburg	Md
Fairchild Camera & Instrument Corp. Defense Prods Div., 1	Robbins La. Syosset	NY
Foto-video Electronics, Inc., 1-2	36 Commerce Rd, Cedar Grove	NJ
GPL Div., General Precision, Inc., 1-2	63 Bedford Rd, Pleasantville	NY
Hallamore Electronics Div. Siegler Corp., 1-2	714 N Brookhurst Ave, Anaheim	Cal
ITT Labs, Components & Instr Div., 1	3700 E Pontiac St. Ft. Wayne	Ind
IKEGAMI TSUSHINKI CO. LTD., 1-2, Adv Pg 266	21 Morishi-cho, Kawasakishi, Kanagawa	Jap
Image Instruments Inc., 1-2	2300 Washington St. Newton Lower Falls	Mass
Intercontinental Electronics Corp., 1	300 Shames Dr, Westbury 29	NY
Intl. Tel. & Tel. Corp. Ind. Prods. Div., 1-2	15191 Bledsoe St. San Fernando	Cal
Jerrold Electronics Corp., 1-2	15th & Lehigh, Philadelphia 32	Pa
KIN TEL DIV., COHU ELECTRONICS, 1-2, Adv Pgs 244, 245, 247	5725 Kearny Villa Rd. San Diego 12	Cal
Lockheed Electronics Co. Info Tech Div., 1-2	Metuchen	NJ
Mackay's Wireless Telegraph Co., Ltd., 1-2	750 Third Ave, New York 17	NY
Miratel, Inc., 1-2	1 St. SE & Richardson, New Brighton 12	Minn
Motorola Communications & Electronics, Inc., 1-2	4501 Augusta Blvd. Chicago 51	Ill
Norden Div. United Aircraft Corp., 1-2	Helen St. Norwalk	Conn
North America Electronics, 1	723 3rd Ave. N, Birmingham 4	Ala
Orbitron Co., Inc., 1	11437 Woodside, Lakeside	Cal
PACKARD-BELL ELECTRONICS CORP. TECHNICAL PRODUCTS DIV., 1-2, Adv Pg 49	12333 W Olympic Blvd. Los Angeles 64	Cal
Philco Corp., Gov't & Ind'l Div., 1-2	4700 Wissahickon Ave, Philadelphia 44	Pa
Radio Corp. of America, Defense Electronic Prods., 1	Bldg. 15-2, Camden	NJ
Ram Electronics, Inc., 1-2	600 Industrial Ave, Paramus	NJ
Rank Cintel Ltd., 1	Worsley Bridge Rd, London S.E. 26, England	
[illegible] Laboratories, Inc., 1-2	2908 Nebraska Ave, Santa Monica	Cal
Sarkes Tarzian, Broadcast Equipment Div., 1	E. Hillside Dr, Bloomington	Ind
SPENCER-KENNEDY LABS. INC., 1-2, Adv Pg 495	1318 Soldiers Field Rd. Boston 35	Mass
Standard Tel. & Cables Ltd., 1-2	29 Glasshouse Yard, London	Eng
Surface Conduction, Inc., 1-2	1501 Broadway, New York 36	NY
Sylvania Elec Prods Inc. Home Electronics Div., 1-2	700 Ellicott St, Batavia	NY
Television Utilities Corp., Div of Nord, 1-2	380 Denton Ave, New Hyde Park	NY
United Electronics, Inc., 1	4795 Memphis Ave, Cleveland	Ohio
Zoomar Inc., 1-2	55 Sea Cliff Ave. Glen Cove	NY

TV TRANSMITTERS See TRANSMITTERS -*BROADCAST*
TV TUNERS See TUNERS
TV TWIN-LINES See CABLES -*UNSHIELDED*
TV-UHF TO VHF CONVERTERS See CONVERTERS -*SIGNAL*
TWEETERS See SPEAKERS
TWIN LINE PLUGS See PLUGS
TWIN-LINES-TV See CABLES -*UNSHIELDED*
TWINPLEX SYSTEMS See COMMUNICATION SYSTEMS

TWISTS -*WAVEGUIDE*

Airtec, Inc	170 E First Ave, Roselle	NJ
Andrew California Corp	941 E Marylind Ave, Claremont	Cal
ARRA CORP., Adv Pg 488	27 Bond St. Westbury	NY
Bogart Mfg. Corp	315 Siegel St. Brooklyn 6	NY
C & S Waveguide Corp	301 W. Hoffman Ave. Lindenhurst	NY
Co-Operative Industries, Inc	100 Oakdale Rd, Chester	NJ
DeMORNAY-BONARDI CORP., Adv. Pgs. 178, 179	780 S Arroyo Pkwy. Pasadena	Cal
Diamond Antenna & Microwave Corp	River St, Winchester	Mass
FXR INC., Adv Pgs 190, 101	25-26 50th St. Woodside 77	NY
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
Gombos Co. Inc. John	Webro Rd. Clifton	NJ
Intaspace Corp.	135 Orange St. Bloomfield	NJ
Kent Corp., F.C.	135 Manchester Pl, Newark 4	NJ
LIECO INC., Adv Pg 398	150 Eileen Way, Syosset	NY
M.C.S. Corp.	1001 S Mountain Ave, Monrovia	Cal
Microwave Associates, Inc	Burlington	Mass
OMEGA LABORATORIES INC., Adv Pg 226	Box 309, Rowley	Mass
Schutter Microwave Corp	80 E Montauk Hwy. Lindenhurst	NY
SPECIALTY AUTOMATIC MACHINE CORP., Adv Pg 404	88 Cambridge St. Burlington	Mass
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
United Shoe Machinery Corp	140 Federal St. Boston	Mass
Waveline, Inc	P.O. Box 718, Caldwell	NJ

TYPEWRITERS -*COMPUTER* See PRINTERS
UHF ANTENNAS See ANTENNAS -*COMMUNICATION:* ANTENNAS–TV
UHF BRIDGES See BRIDGES *HAVING DESIRED FUNCTION*
UHF CABLES -*SHIELDED* See CABLES -*SHIELDED*
UHF CABLES -*UNSHIELDED* See CABLES -*UNSHIELDED*
UHF GENERATORS See GENERATORS -*SIGNAL*
UHF RECEIVERS See RECEIVERS -*RADIO COMMUNICATION*
UHF SYSTEMS See COMMUNICATION SYSTEMS
UHF TRANSMITTERS See TRANSMITTERS -*RADIO COMMUNICATION*
UHF TUNERS See TUNERS
UHF TV CONVERTERS See CONVERTERS -*SIGNAL*
UHF TV TRANSLATORS See TRANSLATORS-UHF TV
ULF OSCILLATORS See OSCILLATORS - A-F
ULTRAHIGH FREQUENCY See UHF *LISTINGS*
ULTRASONIC CONTROLS -*DOOR* See CONTROLS -*DOOR*

ULTRASONIC EQUIPMENT & DEVICES

1. AMPLIFIERS · *2. ANALYZERS* · *3. CLEANERS* · *4. CONTROLS* · *5. FLAW DETECTORS* · *6. GENERATORS (OSCILLATORS)* · *7. INSTRUMENTS* · *8. SOLDERING TOOLS* · *9. THICKNESS GAGES* · *10. TRANSDUCERS, CRYSTAL* · *11. TRANSDUCERS, MAGNETOSTRICTIVE* · *12. VIBRATORS & DRILLS* · *13. WELDERS*

See *Also* DELAY LINES: DEPTH SOUNDERS: SONAR

Acoustica Associates, Inc., 1-3-4-6-7-10-11-13	10400 Aviation Blvd. Los Angeles 45	Cal
Aetna Electronics Corp., 1-6	Readington Rd. North Branch	NJ
Alcar Instruments, Inc., 3-5-7-8-10	411 Robbins Ave. Trenton 8	NJ
ALDEN ELECTRONIC & IMPULSE RECORDING EQUIP CO., 7, Adv Pg 358	P.O. Box 125, Westboro	Mass
American Beach Arms Corp., 11	330 Fulton Ave. Hempstead	NY
American Electrical Heater Co., 3	6110 Cass Ave. Detroit 2	Mich
American Sterilizer Co., 3-4	2424 W 23rd St. Erie	Pa
ANDERSEN LABS. INC., 1-4, Adv Pg 426	501 New Park Ave. W Hartford	Conn
ARENBERG ULTRASONIC LAB. INC., 1-5-6, Adv Pg 504	94 Green St. Jamaica Plain 30	Mass
ARNOLD ENGINEERING CO., 11, Adv Pg 534	Box G, Marengo	Ill
Atlantic Research Corp., 7	Shirley Hwy. at Edsall Rd. Alexandria	Va
Blackstone Corp., 3-4-11	1111 Allen St, Jamestown	NY
Branson Instruments Inc., 1-2-3-4-5-6-7-8-9-10	37 Brown House Rd. Stamford	Conn
California Technical Industries, 1	1421 Old County Rd. Belmont	Cal
Cavitron Electron Oscillator Div. Short Wave Plas Form Co., 6-8	355 N Newport Blvd, Newport Beach	Cal
Chance Vought Corp. Vought Electronics Div., 1	Box 1500, Arlington	Tex
Channel Industries, Inc., 10	427 Olive St. Santa Barbara	Cal
Chesapeake Instrument Corp., 6	100 Atwell Rd. Shadyside	Md
Circo Corp., 3-5-6-7-8-9-10-11-12-13	51 Terminal Ave. Clark	NJ
CLEVITE ELECTRONIC COMPONENTS DIV. CLEVITE CORP., 10, Adv Pg 142	3405 Perkins Ave. Cleveland 14	Ohio
Compu Dyne Corp., 4	400 S Warminster Rd. Hatboro	Pa
CONTROL ELECTRONICS CO. INC., 11, Adv Pg 444	10 Stepar Pl. Huntington Sta	NY
CURTISS-WRIGHT CORP. PRINCETON DIV., 1-3-5-6-7-9-10, Adv Pgs 382, 426, 494	Princeton	NJ
Dawe Instruments Ltd., 3-6-9	Harlequin Ave, Brentford, Middx	Eng
Detrex Chemical Industries, Inc., 3-10-11	P.O. Box 501, Detroit 32	Mich
Dice Co., J. W., 5-9	Englewood	NJ
DYNA-EMPIRE INC., 10-11, Adv Pg 514	1075 Stewart Ave. Garden City	NY
EMI-Cossor Electronics Ltd., 3-9-10	Box 525 Dartmouth NS	Can
ERA Pacific, Inc., 3-5-6	1760 Stanford St. Santa Monica	Cal
Electro-Ceramics, Inc., 10-11	2645 S 2nd W. Salt Lake City 15	Utah
Electron Ohio Inc., 1-10	Box 5577, Solon	Ohio
Electronic Research Assoc, Inc., 3-5-6	67 Factory Pl., Cedar Grove	NJ
Engelhard Industries Inc., 2-6-7	113 Astor St, Newark 2	NJ
ETCHOMATIC INC., 3, Adv Pg 520	182 Newton St. Waltham 54	Mass
Federal Electronic Products, Inc., 13	1380 Pompton Ave, Cedar Grove	NJ
Fidelity Amplifier Co., 1	1610 N Halsted St, Chicago 14	Ill
General Instrument Corp. Harris Transducer Div., 3-6-8-10-11	Woodbury	Conn
General Nuclear Corp., 3	950 5th Ave, New York 28	NY
General Ultrasonics Co., 1-3-4-6-7-10-11	67 Mulberry St, Hartford 3	Conn
Geoscience Instrument, Inc., 3	142 Maiden Lane, New York 38	NY
Greenway Industries, Electronic's Div., 6	Mechanicsburg	Pa
Hermes Sonic Corp., 3-6	13-19 University Pl., New York 3	NY
HEWLETT-PACKARD CO., 6, Adv Pgs 19-34	1501 Page Mill Rd. Palo Alto	Cal
HIRSCHMANN CO. INC., CARL, 3, Adv Pg 416	30a Park Ave. Manhasset	NY
Industrial Systems Co., 3	32 Main St. Matawan	NJ
INTERELECTRONICS CORP., 1-6, Adv Pg 521	2432 Grand Concourse, New York 58	NY
International Electronics Corp. (Mullard Equip),3 6-8-12	81 Spring St. New York 12	NY
International Ultrasonics, Inc., 1-2-3-4-5-6-7-8-9-10-11-12	331 Centennial Ave. Cranford	NJ
Isochem Resins Co., 3	221 Oak St. Providence 9	RI
Isomet Corp., 10	433 Commercial Ave. Palisades Park	NJ
Keystone Electronics Co., 3	65 7th Ave. Newark	NJ
Kidde Electronics Labs. Walter Kidde & Co. Inc., 4	477 Brighton Rd. Clifton	NJ
Kinney Mfg Corp., 1-6	590 Massachusetts Ave, Cambridge 39	Mass
L & R Mfg. Co., 3	577 Elm St. Kearny	NJ
Lewis Co. Inc., E. B., 10	11 Bragg St, E Hartford 8	Conn
Liquidometer Corp., 4	41-01 36th St. Long Island City 1	NY
McKenna Laboratories, 3-6-10	2503 Main St. Santa Monica 6	Cal
Magnaflux Corp., 5-9	7300 W Lawrence Ave. Chicago 31	Ill
MASSA DIV. COHU ELECTRONICS, INC., 6-10-11 Adv Pgs 442, 443	280 Lincoln St. Hingham	Mass
Melcor Electronics Corp., 1	48 Toledo St. Farmingdale	NY
Minn-Honeywell, Ceramics Lab., 4-6-10	Box 440, Minneapolis 40	Minn
Mullard Equipment, Ltd., 3-6-10-11-12	Torrington Pl. London WC 1	Eng
Narda Ultrasonics Corp., 3-6-11	280 Michael Dr. Syosset 1	NY
National Ultrasonic Corp., 3-11	95 Park Ave. Nutley 10	NJ
NORTH ATLANTIC INDUSTRIES INC., 7, Adv Pg 344	Terminal Dr. Plainview	NY
Pall Corp., 3	30 Sea Cliff Ave. Glen Cove	NY
PANORAMIC ELECTRONICS, INC., 2 Adv Pg 449	520 S Fulton Ave. Mt Vernon	NY
Phillips Electronics Mfg Co., 6	119 Allen Blvd. Farmingdale	NY
Piezo Crystal Co., 10	265 E Pomfret St. Carlisle	Pa
Piezo Products Co., 6	Whitney St, Sherborn	Mass
Pioneer Central Div. Bendix Corp., 3-4-6-11	Davenport	Iowa
Pioneer Industries Div. Altman-York Co. Inc., 2-6	3455 W Vickery, Fort Worth 7	Tex
Power Supplies, Inc., 4	1007 Olive St. Highland	Ill
POWERTRON ULTRASONICS, 1-2-3-4-5-6-7-8-9-10-11-12-13, Adv Pg 489	Patterson Pl. Roosevelt Fld. Garden City	NY
Precision Crystal Lab., 10	2223 Warwick Ave. Santa Monica	Cal
RMS Associates, Inc., 4-6	805 Mamaroneck Ave, Mamaroneck	NY
R S ELECTRONICS CORP., 1, Adv Pg 305	Box 11360, Sta A, Palo Alto	Cal
Radio Dev. & Research Corp., 6	100 Penna. Ave. Paterson 6	NJ
Radionics, Inc., 2-5-7-10	76 Cambridge St, Burlington	Mass
Ram Electronics, Inc., 1-4	600 Industrial Ave, Paramus	NJ
RAYTHEON CO. COMMER APPAR & SYSTEMS DIV., 8-12, Adv Pg 41	225 Crescent St. Waltham 54	Mass
Raytheon Co. Govt Mktg., 11	Lexington 73	Mass
Riverbank Labs. Dept of Engrg., 6	Box 65, Geneva	Ill
Sonobond Corp. Sub Aeroprojects Inc., 8-13	202 W Market St. W Chester	Pa
Solar Mfg Corp., 10	4553 Seville Ave. Los Angeles 58	Cal
Summers & Mills Inc., 1-10-11	911 W Commerce, Dallas 8	Tex
Taylor Instrument Cos., 7	95 Ames St. Rochester	NY
TEIKOKU TSUSHIN KOGYO CO. LTD., 5-9, Adv Pg 262	335 Nishi Naka-machi, Kariyado, Kawasaki	Jap
Transonic Inc., 10-11	309 16th St. Bakersfield	Cal
Trott Electronics, Inc., 1-4	411 Smith St, Rochester 8	NY
Twentieth Century Electronics Ltd., 2	King Henry's Dr. New Addington, Surrey	Eng
Ultra-Motive Co., 3	7460 Girard Ave. La Jolla	Cal
Ultrasonic Engineering Co., 3-6	P.O. Box 205, Maywood	Ill
ULTRASONIC INDUSTRIES INC., 3-4-6-7-10-11-12-13, Adv Pg 417	Ames Ct. Plainview	NY
Ultrasonic Systems Inc., 1-2-3-4-5-6-7-8-9 10-11	2205 S Carmelina Ave. Los Angeles 64	Cal
United Aerotronics Corp., 1-10	Box 228, Burlington	NJ
Valpey Crystal Corp., 10	1244 Highland St, Holliston	Mass
VIBRASONICS INC., 3-7, Adv Pg 356	18 High St. Boston	Mass
Vibronic Co., 3	19500 W 8 Mile Rd. Southfield	Mich
Wen Products Inc., 8	5808 Northwest Hwy, Chicago 31	Ill
Western Electro-Acoustic Lab., 7	11789 San Vicente Blvd, Los Angeles	Cal
Western Radiation Lab., 11	1107 W. 24 St, Los Angeles 7	Cal
Whitehall Electronics Corp., 2-5-10	1645 Hennepin Ave, Mnpls 3	Minn
Zenith Radio Corp., 10	6001 Dickens Ave, Chicago 39	Ill

ULTRASONIC TRANSFORMERS See TRANSFORMERS -*IRON-CORE*
ULTRAVIOLET LAMPS See LAMPS
UMBILICAL CABLES See CABLES -*UMBILICAL*
UNIVERSAL JOINTS See COUPLINGS
UNSHIELDED CABLES See CABLES -*UNSHIELDED*

URANIUM

Delta Chemical Works	21 W 60th St. New York	NY
Engineering Science Div Amer Metal Prts Co	2001 S State St. Ann Arbor	Mich
Grace & Co., W. R., Davison Chemical Div.	Box 218, Erwin	Tenn
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Mallinckrodt Chemical Works	Second & Mallinckrodt Sts. St. Louis 7	Mo
NATIONAL LEAD CO., Adv Pg 557	111 Broadway, New York 6	NY
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., Adv Pg 81	34 Forest St. Attleboro	Mass
Twentieth Century Electronics Ltd	King Henry's Dr. New Addington, Surrey	Eng
Var-Lac-Oid Chemical Co	115 Broad St. New York 4	NY

URANIUM OXIDE

Delta Chemical Works	21 W 60th St. New York	NY
Engineering Science Div Amer Metal Prts Co	2001 S State St. Ann Arbor	Mich
Grace & Co., W. R., Davison Chemical Div.	Box 218, Erwin	Tenn
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Mallinckrodt Chemical Works	Second & Mallinckrodt Sts. St. Louis 7	Mo
U S RADIUM CORP., Adv Pg 200	Box 246, Morristown	NJ
Var-Lac-Oid Chemical Co	115 Broad St. New York 4	NY

UREA FORMALDEHYDE See PLASTICS
VACUUM CONTROLS See CONTROLS -*VACUUM*
VACUUM-FORMED PLASTICS See PLASTICS -*FINISHED PARTS*
VACUUM FURNACES See FURNACES -*VACUUM*
VACUUM GAGES See GAGES -*VACUUM*
VACUUM-IMPREGNATING MACHINES See MACHINES -*IMPREGNATING*
VACUUM INDICATORS See INDICATORS -*VACUUM*
VACUUM-MELTED METALS See METALS -*VACUUM-MELTED*
VACUUM-METALLIZED COATINGS See COATINGS
VACUUM-METALLIZING MACHINES See MACHINES -*METALLIZING*
VACUUM-METALLIZING SERVICES See METALLIZING *SERVICES*
VACUUM OVENS See OVENS, DRYERS & DEHYDRATORS
VACUUM PUMPS See PUMPS -*VACUUM*
VACUUM RECORDERS See RECORDERS -*VACUUM*
VACUUM-TUBE COEFFICIENT BRIDGES See BRIDGES
VACUUM-TUBE VOLTMETERS See VOLTMETERS -*ELECTRONIC*

VALVES -*SERVO*

American Instrument Co., Inc	8030 Georgia Ave, Silver Spring	Md
American Measurement & Control Inc	240 Calvary St, Waltham 54	Mass
Armstrong Whitworth Equipment	Hucclecote, Gloucester	Eng
Atchley Div., Raymond	2339 Colfax Ave. Los Angeles 64	Cal
Bell Aerospace Corp	Box 1, Buffalo 5	NY
Cadillac Gage Co.	P.O. Box 3806, Detroit	Mich
CompuDyne Corp	400 S. Warminster Rd, Hatboro	Pa

Consolidated Controls Corp.	6 Durant Ave, Bethel	Conn
Control Technology Co	1186 Broadway, New York 1	NY
Denison Engrg. Div., American Brake Shoe Co	1160 Dublin Rd, Columbus 16	Ohio
Eastern Industries	100 Skiff St. Hamden	Conn
Electro-Actuators Inc. Div. Omega Prec. Inc	757 N Coney Ave. Azusa	Cal
Garrett Corp., The	9851 Sepulveda Blvd, Los Angeles 45	Cal
Gilfillan Bros., Inc	1815 Venice Blvd, Los Angeles 6	Cal
H-P-M Div. Koehring Co	Marion Rd. Mt Gilead	Ohio
Hamilton Standard Div. United Aircraft Corp	Broad Brook	Conn
KEARFOTT DIV., GEN PRECISION INC., Adv Pg 394	**Little Falls**	**NJ**
Lear, Inc	3171 S. Bundy Dr, Santa Monica	Cal
Lear-Romec Div., Lear, Inc	Abbe Rd, Elyria	Ohio
Lucifer, Ltd	Geneva-Carouge, Switzerland	
Lunkenheimer, Inc	P.O. Box 905, Joliet	Ill
Lundy Mfg Corp	Robert Lane, Glen Head	NY
Midwestern Instruments, Inc	Box 7509, Tulsa 18	Okla
Minn-Honeywell, Appar Controls Div	2753 4th Ave. S, Minneapolis 8	Minn
Minn-Honeywell, Military Prods Gr	2600 Ridgway Rd, Minneapolis 13	Minn
Oilgear Co	1560 W. Pierce St, Milwaukee	Wisc
Pegasus Labs. Inc	3500 W 11 Mile Rd. Berkley	Mich
Rucker Co	4700 San Pablo Ave. Oakland 8	Cal
SANDERS ASSOCIATES INC., Adv Pg 380	**95 Canal St. Nashua**	**NH**
Servotronics, Inc	190 Gruner Rd, Buffalo 25	NY
Vacuum - Electronics Corp	Terminal Dr. Plainview	NY
Vickers Inc. Div. Sperry Rand Corp	Box 302, Detroit 32	Mich
Weston Hydraulics Sub., Borg-Warner	7500 Tyrone Ave, Van Nuys	Cal

VALVES –*SOLENOID*

Adel Precision Products Div. Gen. Metals Corp	10777 Vanowen St. Burbank	Cal
ALLIED CONTROL CO. INC., Adv Pg 102	**2 East End Ave. New York 21**	**NY**
American Instrument Co., Inc	8030 Georgia Ave, Silver Spring	Md
American-Standard, Controls Div	5900 Trumbull, Detroit 8	Mich
Atkomatic Valve Co., Inc	545 W. Abbott St, Indianapolis	Ind
Automatic Switch Co	50-56 Hanover Rd, Florham Park	NJ
Caltron Products Co	3518 W. Pico Blvd, Los Angeles 19	Cal
Carma Mfg Co	1879 Mullin Ave. Torrance	Cal
Carruthers & Fernandez, Inc	1501 Colorado Ave, Santa Monica	Cal
Clary Corp	408 Junipero St. San Gabriel	Cal
Consolidated Controls Corp.	6 Durant Ave, Bethel	Conn
Denison Engrg. Div., American Brake Shoe Co	1160 Dublin Rd, Columbus 16	Ohio
Eckel Valve Co	1419 First St, San Fernando	Cal
Electric Autolite Co	Champlain St. Toledo 1	Ohio
Electro-Actuators Inc. Div. Omega Prec. Inc	757 N Coney Ave. Azusa	Cal
Electronics Corp. of America	1 Memorial Dr. Cambridge 42	Mass
Frebank Co	711 W Broadway, Glendale 4	Cal
General Controls Co	801 Allen Ave, Glendale 1	Cal
Gilfillan Bros., Inc	1815 Venice Blvd, Los Angeles 6	Cal
H-P-M Div. Koehring Co	Marion Rd. Mt Gilead	Ohio
Hamilton Standard Div. United Aircraft Corp	Broad Brook	Conn
IMC Magnetics Corp. Arizona Div	917 W Madison St. Phoenix	Ariz
Jackes-Evans Mfg. Co	4427 Geraldine Ave, St. Louis 15	Mo
Lucifer, Ltd	Geneva-Carouge, Switzerland	
Lundy Mfg Corp	Robert Lane, Glen Head	NY
McQuay-Norris Mfg. Co	2320 Marconi Ave, St. Louis 10	Mo
Mercoid Corp	4201 Belmont Ave, Chicago 41	Ill
Minn-Honeywell, Appar Controls Div	2753 4th Ave. S, Minneapolis 8	Minn
Oilgear Co	1560 W Pierce St. Milwaukee	Wis
Pegasus Labs. Inc	3500 W 11 Mile Rd. Berkley	Mich
Robbins Aviation, Inc	2350 E 38th St. Los Angeles 58	Cal
Rotex Punch Co.	2350 Alvarado St, San Leandro	Cal
Rucker Co	4700 San Pablo Ave. Oakland 8	Cal
SANDERS ASSOCIATES INC., Adv Pg 380	**95 Canal St. Nashua**	**NH**
Servotronics, Inc	190 Gruner Rd, Buffalo 25	NY
Skinner Precision Industries Inc. Skinner Electric Valve Div	95 Edgewood Ave. New Britain	Conn
Telecomputing Corp	915 N. Citrus Ave, Hollywood	Cal
United Aircraft Products Inc	1116 Bolander Ave, Dayton 1	Ohio
Vacuum - Electronics Corp	Terminal Dr. Plainview	NY
Vapor Heating Corp	80 E Jackson Blvd. Chicago 4	Ill
Vickers Inc. Div. Sperry Rand Corp	Box 302, Detroit 32	Mich
Weston Hydraulics Sub., Borg-Warner	7500 Tyrone Ave, Van Nuys	Cal

VARIABLE CAPACITORS *See* CAPACITORS –*VARIABLE*
VARIABLE COILS *See* INDUCTANCES
VARIABLE TRANSFORMERS *See* TRANSFORMERS –*IRON-CORE, POWER*

VARISTORS

Automatic Electric Sales Corp	Northlake	Ill
Bradley Semiconductor Corp	275 Welton St. New Haven	Conn
CARBORUNDUM CO. REFRACTORIES DIV., Adv Pgs 104, 105	**Perth Amboy**	**NJ**
Carborundum Co	Buffalo Ave. Dept. EBG, Niagara Falls	NY
EDAL INDUSTRIES INC., Adv Pg 504	**4 Short Beach Rd. East Haven 12**	**Conn**
General Electric Co. Magnetic Materials Section	7842 N Neff Pl. Edmore	Mich
Nucleonic Products Co. Inc	3133 E 12th St. Los Angeles 23	Cal
OHIZUMI MFG. CO. LTD., Adv Pg 260	**410 Nukui-cho, Nerima-ku, Tokyo**	**Jap**
Victory Engineering Corp	101 Springfield Rd, Union	NJ

VARNISHED CAMBRIC *See* FABRICS
VARNISHED CAMBRIC PARTS *See* FABRIC PARTS

VARNISHES
1. INSULATING 2. PROTECTIVE 3. RIPPLE-FINISH

Barrett Varnish Co., 1-2-3	1532 S. 50 Court, Cicero 50	Ill
Chemtronics, Inc., 1-2-3	870 E 52nd St. Brooklyn 3	NY
Dow Corning Corp., 1	Midland	Mich
du Pont de Nemours & Co., Inc., E.I., 1-2	Wilmington 98	Del
Emerson & Cuming, Inc., 1-2	869 Washington St, Canton	Mass
Furane Plastics, Inc., 1	4516 Brazil St. Los Angeles 39	Cal
G-C Electronics Co., 1	400 S Wyman St. Rockford	Ill
Insl-X Products Corp., 1-2-3	115 Woodworth Ave. Yonkers	NY
Insulation Manufacturers Corp., 1-2	565 W. Washington Blvd, Chicago 6	Ill
Isochem Resins Co., 1-2	221 Oak St. Providence 9	RI
Krylon, Inc., 2	Ford & Washington, Norristown	Pa
Magic Chemical Co., 1-2	121 Crescent St. Brockton	Mass
Marblette Corp., 1-2	37-31 30th St. Long Island City 1	NY
Martindale Electric Co., 1	Edgewater Branch, Box 6.7, Cleveland 7	Ohio
Maiper Inc., 1-2	3000 Arlington Blvd. Falls Church	Va
Midland Ind Div. Harrison Paint & Varnish Co., 1	1329 Harrison Ave. S W, Canton 1	Ohio
Midland Industrial Finishes Corp., 1-2	Dept. 1-20, Waukegan	Ill
MILLER-STEPHENSON CHEMICAL CO. INC., 2, Adv Pg 450	**39 Dey St. South Norwalk**	**Conn**
Minnesota Mining & Mfg Co. Electrical Tapes, 1	900 Bush Ave. St Paul 6	Minn
NATIONAL LEAD CO., 2, Adv Pg 557	**111 Broadway, New York 6**	**NY**
Pierce & Stevens Chemical Corp., 1-2	710 Ohio St, Buffalo 3	NY
Schenectady Varnish Co. Inc., 1-2	Congress & 10th, Schenectady 1	NY
Sherman Luminous Materials Co., 2	7356 Santa Monica Blvd. Hollywood 46	Cal
Silicones Div., UCC, 1-2	270 Park Ave, New York 17	NY
Standard-Toch Chemicals, Inc., 1-2-3	2600 Richmond Terr, Staten Island 3	NY
Sterling Varnish Co., 1-2	Haysville Borough, Sewickley	Pa
Walsco Electronics Mfg. Co., 1-3	400 S. Wyman St, Rockford	Ill
Waterlox Div., Empire Varnish Co., 1-2	2636 E. 76 St, Cleveland	Ohio
Westinghouse-Micarta Div., 1	Hampton	SC

VEHICULAR RADIO SYSTEMS *See* COMMUNICATION SYSTEMS
VENTILATING BLOWERS *See* BLOWERS & FANS
VENTILATING LOUVERS *See* LOUVERS
VERNIER CAPACITORS *See* CAPACITORS –*VARIABLE*
VERTICAL ANTENNAS *See* ANTENNAS –*COMMUNICATION*
VERTICAL DEFLECTION TRANSFORMERS *See* TRANSFORMERS –*IRON-CORE, SPECIAL*
VERTICAL INTERVAL TESTERS-TV *See* GENERATORS –*SIGNAL TV*
VERY HIGH FREQUENCY *See* VHF *LISTINGS*
VERY LOW FREQUENCY *See* VLF *LISTINGS*
VHF ANTENNAS *See* ANTENNAS –*COMMUNICATION:* ANTENNAS–TV: ANTENNAS-VHF
VHF BRIDGES *See* BRIDGES *HAVING DESIRED FUNCTION*
VHF GENERATORS *See* GENERATORS –*SIGNAL*
VHF RECEIVERS *See* RECEIVERS –*RADIO COMMUNICATION*
VHF SYSTEMS *See* COMMUNICATION SYSTEMS
VHF TRANSMITTERS *See* TRANSMITTERS –*RADIO COMMUNICATION*

VIBRATION ANALYSIS EQUIPMENT *(USED WITH SHAKE TABLES & VIBRATORS)*
1. FATIGUE *3. RESONANCE EVALUATION*
2. FATIGUE, HIGH-TEMPERATURE
See Also ANALYZERS –*VIBRATION*

Boonshaft & Fuchs, Inc., 1-3	Hatboro Ind Park, Hatboro	Pa
Branson Instruments Inc., 3	37 Brown House Rd. Stamford	Conn
Chadwick Helmuth Co., 3	472 E Duarte Rd. Monrovia	Cal
Dawe Instruments Ltd., 3	Harlequin Ave. Brentford, Mddx	Eng
Goodmans Industries Ltd., 1-3	Axiom Wks. Wembley, Middlesex	Eng
Korfund Co. Inc., 1-3	Cantiague Rd. Westbury	NY
Miller Co., L.C., 3	717 Monterey Pass Rd. Monterey Park	Cal
NORTH ATLANTIC INDUSTRIES INC., 7, Adv Pg 344	**Terminal Dr. Plainview**	**NY**
PANORAMIC ELECTRONICS, INC., 3 Adv Pg 449	**520 S Fulton Ave. Mt Vernon**	**NY**
Raytheon Co. Ind Components Div., 3	55 Chapel St. Newton 58	Mass
Research Inc., 1-2	Box 6164, Edina Br. Mnpls 24	Minn
Stellardyne Labs., Inc., 1-2-3	1525 Cuyamaca, El Cajon	Cal
Televiso Corp., 3	Wheeling & Exchange Rds. Wheeling	Ill
United Aerotronics Corp., 3	Box 239, Burlington	NJ
Wayne Kerr Corp., 3	1633 Race St. Philadelphia 3	Pa
Winder Aircraft Corp., 1-2-3	Dunnellon Air Base, Dunnellon	Fla

VIBRATION DETECTORS *See* INDICATORS –*VIBRATION*
VIBRATION EXCITERS *See* EXCITERS –*VIBRATION*
VIBRATION INDICATORS & METERS *See* INDICATORS –*VIBRATION*
VIBRATION MOUNTS *See* MOUNTS –*VIBRATION & SHOCK*
VIBRATION PICKUP AMPLIFIERS *See* AMPLIFIERS –*INSTRUMENTATION*
VIBRATION-TESTING MACHINES *See* MACHINES –*VIBRATION-TESTING*

VIBRATORS –*POWER SUPPLY See Also* CHOPPERS: DEMODULATORS

AMERICAN TELEVISION & RADIO CO., Adv Pg 324	**300 E 4th St. St Paul 1**	**Minn**
Collins Electronics, Inc.	Stevensville	Md
CORNELL-DUBILIER ELECTRONICS DIV. FED PACIFIC ELEC CO., Adv Pgs 148, 149	**50 Paris St. Newark 1**	**NJ**
Fork Standards Inc	1915 N Harlem Ave. Chicago 35	Ill
Goodmans Industries Ltd., Axiom Works	Wembley, Middlesex, England	
Green Rectifier Co	1-10 30th St. Fair Lawn	NJ
James Electronics Inc	4050 N. Rockwell St, Chicago 18	Ill
KURMAN ELECTRIC CO., SUB OF CRESCENT PETROLEUM CORP., Adv Pg 549	**191-193 Newel St. Brooklyn 22**	**NY**
Ling Electronics Div. Ling-Temco Electronics, Inc	1515 S Manchester Ave. Anaheim	Cal
MB ELECTRONICS A DIV OF TEXTRON ELECTRONICS INC., Adv Pg 353	**Box 1825, New Haven 8**	**Conn**
Mallory Electromagnetic Co	Du Quoin	Ill
Meterlog Corp.	169 N. Halstead St, Pasadena	Cal
PRECISE MEASUREMENTS CO Adv Pg 322	**R.D. 1, Millbrooks Rd. Flemington**	**NJ**
Radio Dev. & Research Corp	100 Penna. Ave. Paterson 3	NJ
Solartron, Inc	1742 S. Zeyn St, Anaheim	Cal
Stellardyne Labs., Inc	1525 Cuyamaca, El Cajon	Cal
Vokar Products Inc	149 E Hoover, Ann Arbor	Mich

VIBRATORS *(SHAKE TABLES)*

All American Tool & Mfg. Co	8027 Lawndale, Skokie	Ill
Allied Research Associates Inc	43 Leon St. Boston 15	Mass
American Measurement & Control Inc	240 Calvary St. Waltham 54	Mass
Bruel & Kjaer	Lindealle 23, Naerum	Denmark
Electrowest, Inc	2351 Albatross Way, Sacramento 15	Cal
Gaynes Engineering Co	1642 W Fulton St, Chicago 12	Ill
Geotechnical Corp.	3401 Shiloh Rd, Garland	Tex
Goodmans Industries Ltd., Axiom Works	Wembley, Middlesex, England	
Intl. Tel. & Tel. Corp. Ind. Prods. Div	15191 Bledsoe St. San Fernando	Cal
L.A.B. Corp.	992 Onondaga, Skaneateles	NY
Ling Electronics Div. Ling-Temco Electronics, Inc	1515 S Manchester Ave. Anaheim	Cal
MB ELECTRONICS A DIV. OF TEXTRON ELECTRONICS INC., Adv Pg 353	**Box 1825, New Haven 8**	**Conn**
Research Inc	Box 6164, Edina Br. Mnpls 24	Minn
Solartron, Inc	1742 S. Zeyn St, Anaheim	Cal
Stellardyne Labs., Inc	1525 Cuyamaca, El Cajon	Cal
Stephens Trusonic, Inc	8511 Warner Dr. Culver City	Cal
UNHOLTZ-DICKIE CORP Adv Pg 363	**2994 Whitney Ave. Hamden 18**	**Conn**
Vard Div. Royal Industries	2981 E Colorado, Pasadena	Cal
VIBRASONICS INC., Adv Pg 356	**10 High St. Boston**	**Mass**
Winder Aircraft Corp	Dunnellon Air Base, Dunnellon	Fla
Wyle Labs. Mfg Div	133 Center St, El Segundo	Cal

VIBRATORS –*ULTRASONIC See* ULTRASONIC EQUIPMENT
VIBRATOR TESTERS *See* TESTERS –*VIBRATOR*
VIBRATOR-TYPE CONVERTERS –*A-C TO A-C See* CONVERTERS –*POWER*
VIBRATOR-TYPE INVERTERS *See* INVERTERS
VIDEO AMPLIFIERS *See* AMPLIFIERS –*R-F*
VIDEO ANALYZERS *See* ANALYZERS –*VIDEO*
VIDEO MIXER AMPLIFIERS *See* AMPLIFIERS –*R-F*
VIDEO MIXERS *See* AMPLIFIERS –*R-F*
VIDEO MONITORS *See* MONITORS –*VIDEO*
VIDEO RECORDERS *See* RECORDERS –*MAGNETIC TAPE*
VINYLS *See* PLASTICS
VISCOSIMETERS *See* INDICATORS –*VISCOSITY*
VISCOSITY CONTROLS *See* CONTROLS –*VISCOSITY*
VISCOSITY INDICATORS & METERS *See* INDICATORS –*VISCOSITY*
VISES –*HOLDING See* FIXTURES
VLF COMMUNICATION SYSTEMS *See* COMMUNICATION SYSTEMS
VLF RECEIVERS *See* RECEIVERS –*RADIO COMMUNICATION*
VLF TRANSFORMERS *See* TRANSFORMERS –*IRON-CORE*
VLF TRANSMITTERS *See* TRANSMITTERS –*RADIO COMMUNICATION*
VOICE-ACTUATED CONTROLS *See* CONTROLS –*SOUND-ACTUATED*
VOICE COILS *See* COILS –*SPEAKER VOICE*
VOLTAGE CALIBRATORS *See* VOLTMETERS
VOLTAGE COMPARATORS *See* COMPARATORS
VOLTAGE DIVIDERS *See* DIVIDERS –*VOLTAGE*
VOLTAGE-DIVIDING TRANSFORMERS *See* TRANSFORMERS –*IRON-CORE SPECIAL*
VOLTAGE-REFERENCE TUBES *See* TUBES –*VOLTAGE-REFERENCE*
VOLTAGE-REGULATING TRANSFORMERS *See* TRANSFORMERS –*IRON-CORE, POWER*
VOLTAGE REGULATORS *See* REGULATORS –*VOLTAGE*
VOLTAGE-SENSITIVE RESISTORS *See* RESISTORS –*VOLTAGE-SENSITIVE*

VOLTAGE SOURCES –*DECADE*

Electronic Development Corp	423 W Broadway, Boston 27	Mass
ELECTRONIC PRODUCTS CORP., Adv Pgs 545, 546	**4642 Belair Rd. Baltimore 6**	**Md**
Exact Electronics, Inc	Box 234, Hillsboro	Ore
Goodmans Industries Ltd	Axiom Wks. Wembley, Middlesex	Eng
Halex Inc	310 E Imperial Hwy. El Segundo	Cal
PHILBRICK RESEARCHES INC., GEORGE A., Adv Pg 164	**127 Clarendon St. Boston 16**	**Mass**
Superior Electric Co., The	383 Middle St. Bristol	Conn

VOLTAGE-STABILIZING TRANSFORMERS *See* TRANSFORMERS
VOLTAGE STANDARDS *See* STANDARDS
VOLTAGE STANDING-WAVE RATIOMETERS *See* DETECTORS –*STANDING-WAVE*
VOLTAGE-VARIABLE CAPACITORS *See* CAPACITORS –*VARIABLE*

VOLTMETERS

1. A-C
2. *A-C, TUBE RMS*
3. *BALLISTIC*
4. CONTACT-MAKING
5. D-C
6. D-C, *DIFFERENTIAL, NULL OR REFERENCE*
7. *DIGITAL*
8. *DIGITAL, AUTOMATIC RANGE-CHANGING*
9. *ELECTRONIC, A-C POWERED (VTVM)*
10. *ELECTRONIC, BATTERY-POWERED (VTVM)*
11. *ELECTRONIC SLIDEBACK (VTVM)*
12. *ELECTROSTATIC*
13. *KILOVOLTMETERS*
14. *MICROVOLTMETERS, D-C*
15. *MILLIVOLTMETERS, A-C*
16. *MILLIVOLTMETERS, D-C*
17. *MILLIVOLTMETERS, RATE-OF-CHANGE*
18. *PEAK*
19. *VOLTAGE RADIO, DIGITAL*

A. O. I. P., 1-3-5-7-8-12-14-15-16-17	23 Pl. Jeanne d'Arc, Paris 13	Fr
Advance Components Ltd., 1-9-15	Roebuck Rd. Hainault, Ilford, Essex	Eng
Advanced Instrument Corp., 7	1475 Powell St. Emeryville 8	Cal
Airmec Ltd., 9-15	High Wycombe, Buckinghamshire, England	
AIRPAX ELECTRONICS INC. SEMINOLE DIV., 1-14-15-16, Adv Pg 106	**Fort Lauderdale**	**Fla**
Airtronics International Corp., 9	Box 5576, Fort Lauderdale	Fla
ALCO ELECTRONIC PRODUCTS, INC., 1-5-10-14-17, Adv Pg 548	**3 Wolcott Ave. Lawrence 33**	**Mass**
Allied Radio Corp., 9	100 N. Western Ave, Chicago 80	Ill
Alpha Instrument Co., 9	43 Hempstead St, New London	Conn
American Machine & Foundry Co., 1-2-5	1025 N Royal St. Alexandria	Va
American Machine & Foundry Co., Government Products Group, 1	1701 K St, N.W., Washington 6	DC
American-Standard, Controls Div., 5	5900 Trumbull, Detroit 8	Mich
Applied Control Corp., 17	1000 Main St. Hackensack	NJ
Assembly Products, Inc., 1-4-5-15-16	75 Wilson Mills Rd. Chesterland 6	Ohio
ASSOCIATED RESEARCH, INC., 13, Adv Pg 218	**3788 W Belmont Ave. Chicago 18**	**Ill**
Auto Data, 6-7-19	Box 9146, San Diego 9	Cal
B & K Instruments Inc of Bruel & Kjaer, 2-9	3018 W 106th St. Cleveland 11	Ohio
B. & K. Mfg. Co., 9	1801 W Belle Plaine, Chicago 13	Ill
BALLANTINE LABS. INC., 1-2-9-10-15-18, Adv Pg 156	**Boonton**	**NJ**
BECKMAN INSTRUMENTS INC. BERKELEY DIV., 7-8, Adv Pgs 162, 163	**2200 Wright Ave. Richmond**	**Cal**
Beckman Instruments, Inc. Systems Div., 7	2400 Harbor Blvd. Fullerton	Cal
Beede Electrical Instrument Co. Inc., 1-5-6-13-15-16-18	Penacook	NH
Bell Inc., F. W., 5	1356 Norton Ave. Columbus 12	Ohio
Bergen Labs. Inc., 1-5-9-15-16	50 Spruce St. Paterson 1	NJ
Berkshire Laboratories, 9	11-30 Kingsford Rd. Hanover	NH
Boonshaft & Fuchs, Inc., 1	Hatboro Ind Park, Hatboro	Pa
BOONTON ELECTRONICS CORP., 5-6-9-14-15-16-17 Adv Pg 212	**738 Speedwell Ave. Morris Plains**	**NJ**
Bruel & Kjaer, 9	Lindealle 23, Naerum	Denmark

Bruno-New York Industries Corp., 14-16	460 W 34th St. New York 1	NY
Bush Engineering Co., Inc., 1-5	43 Marcy St. Freehold	NJ
Burr-Brown Research Corp., 1-10-19	P.O. Box 6444, Tucson	Ariz
Calibration Standards Corp., 1-5-6-16-19	1025 Westminster Ave. Alhambra	Cal
Canadian Marconi Co., 9-11	2444 Trenton Ave. Montreal	Que
Canadian Research Institute, 1-2-4-5-6-9-10-12-13-14-15-16-18	85 Curlew Dr. Don Mills	Ont
Central Scientific Co. Div. Cenco Instr Inc., 1-5-15-16	1700 Irving Park Rd. Chicago 13	Ill
Clough Brengle Co., 9	6014 N Broadway, Chicago	Ill
Columbia Electric Mfg. Co., 1-5	4519 Hamilton Ave N.E., Cleveland 14	Ohio
Communications Control Corp., 7-8-18-19	14707 Keswick St. Van Nuys	Cal
Computing Devices of Canada, Ltd., 7	P.O. Box 508, Ottawa, Ontario, Canada	
Consolidated Electrodynamics Corp., 1	360 N Sierra Madre Villa, Pasadena	Cal
Control Devices, Inc., 18	925 S Eton Rd. Birmingham	Mich
CORNELL-DUBILIER ELECTRONICS DIV. FED PACIFIC ELEC CO., 9, Adv Pgs 148, 149	**50 Paris St. Newark 1**	**NJ**
CUBIC CORP., 7-8-19, Adv Pgs 329, 330	**5575 Kearny Villa Rd. San Diego 11**	**Cal**
CURTISS WRIGHT CORP. INTERMTN. BR., 18, Adv Pg 474	**Box 8324, Albuquerque**	**NM**
DAVEN CO., 9, Adv Pg 107	**Rt. 10, Livingston**	**NJ**
DAVENPORT MFG. DIV.-DUNCAN ELEC. CO., 13, Adv Pg 451	**2530-32 N Elston Ave. Chicago 47**	**Ill**
Dawe Instruments Ltd., 1-2	Harlequin Ave. Brentford, Middx	Eng
Daystrom Inc. Weston Instruments Div., 1-2-4-5-6-9-12-14-15-16-17-18	614 Frelinghuysen Ave. Newark 12	NJ
Decker Corp., 8	45 Monument Rd. Bala Cynwyd	Pa
Dorner Scientific Co., 5-7	888 Galindo St. Concord	Cal
Dymec Div. Hewlett - Packard Co., 1-5-7-9-16-19	395 Page Mill Rd. Palo Alto	Cal
Dynamics Instrumentation Co., 5-6-13-14-18	583 Monterey Pass Rd. Monterey Park	Cal
E-H Research Laboratories, Inc., 16	163 Adeline St. Oakland 20	Cal
EIR Corp., 1-5-9-11-14-15-17-18	5177 Overland Ave, Culver City	Cal
Electric Design & Mfg Corp., 5-16	Burlington	Iowa
Electric Regulator Corp., 4	Pearl St, Norwalk	Conn
Electro Instruments, Inc., 1-2-5-6-7-8-9-13-14-15-16-19	8611 Balboa Ave. San Diego 11	Cal
Electro Logic Corp., 1-5-7-8-19	515 Boccaccio Ave. Venice	Cal
Electro-Mechanical Instrument Co., 1-5-16	813 Chestnut St. Perkasie	Pa
Electronic Assistance Corp., 1	20 Bridge Ave. Red Bank	NJ
Electronic Associates, Inc., 7	Long Branch	NJ
ELECTRONIC INSTRUMENT CO. INC., 1-5-9-18, Adv Pg 396	**3300 Northern Blvd. Long Island City**	**NY**
Electronic Measurements Corp., 9	625 Broadway, New York 12	NY
Epic Inc., 1-5	150 Nassau St. New York 38	NY
Esasco Inc. Instruments Div., 1-2-5-7	275 Massachusetts Ave. Cambridge 39	Mass
Esterline Angus Instrument Co. Inc., 1-4-5	Box 596, Indianapolis 6	Ind
Evershed & Vignoles Ltd., 1-2-4	Chiswick, London W 4	Eng
Flow Corp., 2	85 Mystic St, Arlington	Mass
Fluke Mfg Co. Inc., John, 1-6-9	Mountlake Terrace	Wash
Franklin Electronics Inc., 7-8	E 4th St. Bridgeport	Pa
GENERAL ELECTRIC CO. APPARATUS SALES, 1-4-5-13-16, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
GENERAL METERS INC., 1-2-5-6-7-8-9-10-11-13-14, Adv Pgs 374, 375	**Box 1701, Grand Junction**	**Colo**
General Radio Co., 1-5	West Concord	Mass
Gerber Scientific Instrument Co., 7	89 Spruce St, Hartford 1	Conn
Gertsch Products, Inc., 5-13-18	3211 S La Cienega Blvd. Los Angeles 16	Cal
GREIBACH INSTRUMENTS CORP., 1-2-5-6-13-15-16, Adv Pg 407	**315 North Ave. New Rochelle**	**NY**
Gyra Electronics Corp., 9	Box 164, La Grange	Ill
Helex Inc., 5-8-10-11-12-13-14-16	310 E Imperial Hwy. El Segundo	Cal
Hathaway Instruments Inc., 1-9-19	5800 E Jewell Ave. Denver 22	Colo
Heath Co. A Sub of Daystrom, Inc., 1-2	Benton Harbor	Mich
Helipot Div. Beckman Instruments Inc., 1-2-5-6-13-15-16-17	2500 Harbor Blvd. Fullerton	Cal
HEWLETT-PACKARD CO., 1-5-6-8-9-10-14-15-16-18, Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
Hickok Electrical Instrument Co., 1-2-5-9-12-14-15-16-17	10532 Dupont Ave. Cleveland 8	Ohio
HOUSTON INSTRUMENT CORP., 9-15-16, Adv Pg 512	**Box 22234w, Houston 27**	**Tex**
HOWELL INSTRUMENTS INC., 7-8-15-17, Adv Pg 350	**3479 W Vickery Blvd. Fort Worth 7**	**Tex**
HOYT ELECTRICAL INSTRUMENT WORKS INC., 1-5-16-17, Adv Pg 414	**42 Carleton St. Cambridge 42**	**Mass**
Ideal Precision Meter Co. Inc., 1-5-16	214 Franklin St. Brooklyn 22	NY
Industrial Control Co., 5-14-16	Central Ave. at Pinelawn, Farmingdale	NY
INDUSTRIAL DEVICES, INC., 1-5-13, Adv Pg 540	**Edgewater 8**	**NJ**
Instrument Electronics Corp., 9	P.O. Box 830, Pt. Washington	NY
Instrument Laboratories, 17	315 W. Walton Pl, Chicago 10	Ill
Interlab Inc., 1-5-13-15-16	116 Kraft Ave. Bronxville	NY
INTERNATIONAL INSTRUMENTS INC., 1-5-16, Adv Pgs 530, 531	**P. O. Box 2954, New Haven 15**	**Conn**
Jackson Electrical Instrument Co., 9	124 McDonough St, Dayton 2	Ohio
JENNINGS RADIO MFG CORP., 13, Adv Pg 434	**970 Mc Laughlin Ave. P O Box 1278, San Jose 8**	**Cal**
Kalbo Scientific Labs., 13	Box 172, Flemington	NJ
KAY ELECTRIC CO., 1 Adv Pg 347, 348	**Maple Ave. Pine Brook**	**NJ**
Keithley Instruments, Inc., 5-6-9-10-12-13-14-16	12415 Euclid Ave. Cleveland 6	Ohio
KIN TEL DIV. COHU ELECTRONICS, 1-5-6-7-8-9-14-16, Adv Pgs 244, 245, 247	**5725 Kearny Villa Rd. San Diego 12**	**Cal**
KYORITSU ELECTRICAL INSTRUMENTS WKS. LTD., 1-5-15-16, Adv Pg 254	**120, Nakane-cho, Meguro-ku, Tokyo**	**Jap**
Landwehr Electrometer Co., 13	641 Sonora Ave, Glendale 1	Cal
Leith-Heard Corp., 9	Stark & Commercial Sts. Manchester	NH
Lucas - Rotax Ltd., 18	Box 115, Stn H, Toronto 13	Ont
Magnetic Instrument Co. Inc., 14-15-17	637 Commerce St. Thornwood	NY
Martindale Electric Co., 1-5	Edgewater Branch, Box 617, Cleveland 7	Ohio
Measurements A McGraw-Edison Div., 1-5-5-10-18	Boonton	NJ
Meters, Inc., 1-5-13-16	5353 N. Keystone Ave, Indianapolis 20	Ind
Metronix, Inc., 2-9-15	75 Wilson Mills Rd. Chesterland	Ohio
Millivac Instruments Inc., 1-5-6-9-10-14-15-16	Box 997, Schenectady	NY
Minicord Corp. of America, 1-5-9	1913 Atlantic Ave. Atlantic City	NJ
Minn Honeywell, Precision Meter Div., 1-2-5-6-13-18	Grenier Field, Manchester	NH
Motecrafts Div. Motec Ind, Inc., 2-6-7-8-13-14-15-16-17-19	6744 Arizona Cir. Los Angeles 45	Cal
MOSELEY CO., F.L., 2-5-6-16-17 Adv. Pgs 122, 123	**409 N Fair Oaks Ave. Pasadena**	**Cal**
National Electronics, 1-4-5-12-13-14-15-16	Box 1297, Sheridan	Wyo
New England Scientific Instruments Corp., 1-2-5-12-13-15-16	238 Main St. Cambridge 42	Mass
NON-LINEAR SYSTEMS INC., 1-7-8-16-19, Adv Pgs 334, 335	**Box 728, Del Mar**	**Cal**
NORTH ATLANTIC INDUSTRIES INC., 1-4-5-6-7-8-9-10-15-16-19, Adv Pg 344	**Terminal Dr. Plainview**	**NY**
Northeast Electronics Corp., 10	Box 425, Concord	NH
Nuclear Electronics Corp., 9	2925 N Broad St. Philadelphia 32	Pa
Orion Electronic Corp., 1-5-9-17	199 Columbus Ave. Tuckahoe	NY
Pace Electrical Instruments Co. Inc., 1-5-6-13-16	70-31 84 St. Glendale 27	NY
Performance Measurements Co., 19	15120 3rd Ave. Detroit 3	Mich
Peschel Electronics, Inc., 13	Rt. 216, Towners, Patterson	NY
Phaostron Instrument & Electronic Co., 1-5-6	151 Pasadena Ave. South Pasadena	Cal
PHILBRICK RESEARCHES INC., GEORGE A., 6, Adv Pg 166	**127 Clarendon St. Boston 16**	**Mass**
PHYSICS RESEARCH LABS. INC., 1-5-14-15-16, Adv Pg 478	**Box 555, Hempstead**	**NY**
PRECISE MEASUREMENTS CO., 12-13 Adv Pg 322	**R.D.1, Millbrooks, Flemington**	**NJ**
Precision Apparatus Co., Inc., 1-5-9-10-16	70-31 84 St, Glendale 27	NY
Precision Electronics, Inc., 10	9101 King St. Franklin Park	Ill
Pyramid Instrument Corp., 1	630 Merrick Rd. Lynbrook	NY
Radio Corp of America, Electron Tube Div., 5-9	415 S 5th St. Harrison	NJ
Radiometer, 1-5-9-16	72 Emdrupvej, Copenhagen NV 1	For
Ram Meter Inc., 5	1100 Hilton Rd. Ferndale, Detroit 20	Mich
RAWSON ELECTRICAL INSTRUMENT CO., 1-2-5-6-12-13-16-18, Adv Pg 446	**111 Potter St. Cambridge 42**	**Mass**
Research Industrial Labs of Electronics, 9	Roslyn	Pa
Rodale Electronics, 8	562 Grand Blvd. Westbury	NY
Rotek Instrument Corp., 5-6-18	733 Concord Ave. Cambridge 38	Mass
Sangamo Electric Co., 1	1301 N. 11 St. Springfield	Ill
Scopes Co., Inc., 13-15	P.O. Box 56, Massey	NY
Saco Electronics Inc., 9	5015 Penn Ave. S, Minneapolis 19	Minn
Sencore, Inc., 9	426 S West Gate Dr. Allison	Ill
SENSITIVE RESEARCH INSTRUMENT CORP., 1-2-5-6-12-13-16-18, Adv Pg 109	**310 Main St. New Rochelle**	**NY**
Servo-Tek Products Co., Inc., 1-5	1086 Goffle Rd, Hawthorne	NJ
Shurite Meters, 1-5	130 Wallace St, New Haven 8	Conn
Simpson Electric Co. Div. American Gage & Machine Co., 1-2-4-5-6-13-15-16	5218 W Kinzie St, Chicago 44	Ill
Smith-Florence, Inc., 5-6-11-13-14-16	4228 23rd W., Seattle	Wash
Sollenberg, Inc., 2-7-8	1747 S. Zeyn St, Anaheim	Cal
SORENSEN & CO. INC., 13, Adv Pg 48	**Richards Ave. Norwalk**	**Conn**
Specialty Electronics Development Corp., 9	115 Erie Blvd, Syracuse	NY
Spectrol Electronics Corp., 5-7	1704 S Del Mar, San Gabriel	Cal
Stark Electronic Instruments Ltd., 1-5-13-14-15-16-17	Box 670, Ajax	Ont
Sterling Mfg Co., 1-5	2890 Detroit Ave. Cleveland 13	Ohio
Sun Electric Co., 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17	6323 Avondale St. Chicago 31	Ill
Sylvan-Bonner Corp., 2-7-8-19	950 Galindo St. Concord	Cal
Taffet Electronics Inc., 1-2-3-5-6-9-18-19	2705 Belle-Ons Exp W, Woodside 77	NY
Technique Assoc. Div., Duncan Elec., 4	1413 N. Cornell Ave. Indianapolis	Ind
Telewise Corp., 14	Wheeling & Exchange Rds. Wheeling	Ill
Tenlo Research Corp., 1	5424 Lyndale Ave S, Minneapolis 20	Minn
Tensor Electric Development Co. Inc., 1-5	1873 Eastern Pkwy. Brooklyn	NY
Thermovolt Instruments Ltd., 15-16	70 Advance Rd. Toronto 18	Ont
Theta Instrument Corp., 1-9-15	520 Victor St. Saddle Brook	NJ
TRIO LABORATORIES INC., 1-2-5-9-15-16 Adv Pg 66	**Plainview**	**NY**
Triplett Electrical Instrument Co., 1-5-9-10-13-15-16	Harmon Rd. Bluffton	Ohio
Venner Electronics, Ltd., 7	Kingston By-Pass, New Malden	Eng
Videx Corp., 7-8-19	2245 Mora Dr. Mountain View	Cal
Voltron Products Co., 1-2-4-5-6	1020 S Arroyo Pkwy. Pasadena	Cal
Vac Line Inc., 1-2-5-6-12-13-15-16	35 S St. Clair St. Dayton 2	Ohio
Waveforms, Inc., 1-9	333 6th Ave. New York 14	NY
Wayne Kerr Corp., 1-9	1633 Race St. Philadelphia 3	Pa
Western Electro-Acoustic Lab., 9	11717 San Vicente Blvd, Los Angeles	Cal
Westinghouse-Instrument Dept., 1-2-4-6-13-16	Newark	NJ
Williamson Development Co., 16	317 Main St. W Concord	Mass
Yokogawa Electric Works Inc., 1-5-15-16	40 Worth St. New York 13	NY
Zinn Instruments, 1-5-7-8-9-19	P.O. Box 783, Lomita	Cal

VOLT-OHMMETERS See VOLTMETERS -*ELECTRONIC*

VOLT-OHM-MILLIAMMETERS

A. O. I. P	23 Pl. Jeanne d'Arc, Paris 13	Fr
ALCO ELECTRONIC PRODUCTS, INC., Adv Pg 548	**3 Wolcott Ave. Lawrence 33**	**Mass**
Allied Radio Corp	100 N. Western Ave, Chicago 80	Ill
Alma Instrument Co	43 Hempstead St, New London	Conn
ASSOCIATED RESEARCH, INC., Adv Pg 210	**3780 W Belmont Ave. Chicago 18**	**Ill**
AVNET INSTRUMENT CORP., Adv Pgs 331, 364	**70 State St. Westbury**	**NY**
B. & K. Mfg. Co	1801 W Belle Plaine, Chicago 13	Ill
Beckman Instruments, Inc. Systems Div	2400 Harbor Blvd. Fullerton	Cal
Beede Electrical Instrument Co. Inc	Penacook	NH
Bruno-New York Industries Corp	460 W. 34 St, New York 1	NY
Canadian Research Institute	85 Curlew Dr. Don Mills	Ont
Daystrom Inc. Weston Instruments Div	614 Frelinghuysen Ave. Newark 12	NJ
Dymec Div. Hewlett - Packard Co	395 Page Mill Rd. Palo Alto	Cal
Dynamics Instrumentation Co	583 Monterey Pass Rd, Monterey Park	Cal
Electro Instruments, Inc.	8611 Balboa Ave. San Diego 11	Cal
Electro Logic Corp	515 Boccaccio Ave. Venice	Cal
ELECTRONIC INSTRUMENT CO. INC., Adv Pg 396	**3300 Northern Blvd. Long Island City**	**NY**
Electronic Measurements Corp	625 Broadway, New York 12	NY
Franklin Electronics Inc	E 4th St. Bridgeport	Pa
GENERAL METERS INC., Adv Pgs 374, 375	**P.O. Box 1701, Grand Junction**	**Colo**
Helex Inc	310 E Imperial Hwy. El Segundo	Cal
HEWLETT-PACKARD CO., Adv. Pgs. 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
Hickok Electrical Instrument Co	10532 Dupont Ave. Cleveland 8	Ohio
Instrument Laboratories	315 W. Walton Pl, Chicago 10	Ill
INTERNATIONAL INSTRUMENTS INC., Adv Pgs 530, 531	**P. O. Box 2954, New Haven 15**	**Conn**
Keithley Instruments, Inc	12415 Euclid Ave. Cleveland 6	Ohio
Leeds & Northrup Co	4970 Stenton Ave, Phila. 44	Pa
Martindale Electric Co	Edgewater Branch, Box 617, Cleveland 7	Ohio
Measurements A McGraw-Edison Div	Boonton	NJ
Meters, Inc	5353 N. Keystone Ave, Indianapolis 20	Ind
Millivac Instruments Inc.	Box 997, Schenectady	NY
Minicord Corp of America	1913 Atlantic Ave. Atlantic City	NJ
Molded Insulation Co	335 E. Price St, Phila 44	Pa
New London Instrument Co	82 Union St. New London	Conn
Phaostron Instrument & Electronic Co	151 Pasadena Ave. South Pasadena	Cal
PHYSICS RESEARCH LABS. INC., Adv Pg 478	**Box 555, Hempstead**	**NY**
Precision Apparatus Co., Inc	70-31 84 St, Glendale 27	NY
Precision Electronics, Inc.	9101 King St, Franklin Park	Ill
Pyramid Instrument Corp	630 Merrick Rd, Lynbrook	NY
Radio Corp of America Electron Tube Div	415 S 5th St, Harrison	NJ
RAWSON ELECTRICAL INSTRUMENT CO., Adv Pg 446	**111 Potter St. Cambridge 42**	**Mass**
Sencore, Inc.	426 S West Gate Dr. Allison	Ill
Servo-Tek Products Co., Inc	1086 Goffle Rd, Hawthorne	NJ
Simpson Electric Co., Div., American Gage & Machine Co	5218 W. Kinzie St, Chicago 44	Ill
Stark Electronic Instruments, Ltd	P.O. Box 670, Ajax, Ontario, Canada	
Taffet Electronics Inc	2705 Belle-Ons Exp W, Woodside 77	NY
Triplett Elec Instrument Co	Harmon Rd, Bluffton	Ohio
Vac Line Inc	35 S St. Clair St. Dayton 2	Ohio
Waltham Electronics Corp	751 Main St. Waltham 54	Mass
Zinn Instruments	P.O. Box 783, Lomita	Cal

VOLUME CONTROLS See POTENTIOMETERS
VOLUME INDICATORS See INDICATORS -*SOUND LEVEL*
VOLUME UNIT METERS See METERS-VU
VSWR CALIBRATORS, INDICATORS, METERS & MONITORS See DETECTORS -*STANDING-WAVE*
VULCANIZED FIBRE See FIBRE -*VULCANIZED*
VU METERS See METERS-VU
WAMOSCOPES See OSCILLOSCOPES

WASHER -*WEIR*

PENFIELD MFG. CO. INC., Adv Pg 363	**19 High School Ave. Meriden**	**Conn**

WASHERS

1. INSULATING 2. LOCK 3. METAL See Also GROMMETS

Aero Bolt & Screw Co., 2-3	1017 Arbor Vitae, Inglewood	Cal
Aerotron Supply Co., 2-3	13611 Normandie, Gardena	Cal
ALDEN PRODUCTS CO., 2, Adv Pg 359	**112 N Main St. Brockton 64**	**Mass**
ALLMETAL SCREW PRODUCTS CO. INC., 2-3, Adv Pg 66	**821 Stewart Ave. Garden City**	**NY**
Alpitec Inc., 3	41 Chester Ave, Stamford	Conn
Aluminum Co of America, 2-3	Alcoa Bldg, Pittsburgh 19	Pa
Amston Electronic Hardware Co., Inc., 1-3	88 Drake Ave, New Rochelle	NY
American Felt Co., 1	10 Glenville Rd, Glenville	Conn
AMERICAN LAVA CORP., 1, Adv Pg 237	**Cherokee & Mign Rd. Chattanooga 5**	**Tenn**
American Quartz Labs, Inc., 1	Garrison	NY
Anaconda American Brass Co., 3	414 Meadow St, Waterbury 20	Conn
Anti-Corrosive Metal Products Co. Inc., 1-2-3	Castleton-on-Hudson	NY
Asheville-Schoonmaker Mica Co., 1	900 Jefferson Ave, Newport News	Va
Atlas Screw & Specialty Co., Inc., 2-3	450 Broome St, New York 13	NY
Auburn Mfg. Co., The, 1-3	Pease Ave & Stack St, Middletown	Conn
Baer Co. N.S., 1	9 Montgomery St, Hillside	NJ
Barwood Mfg. Co. Inc., L. J., 1-3	22 Williams St, Everett 49	Mass
Belmont Smelting & Refining Works, 3	330 Belmont Ave. Brooklyn 7	NY
Bestcraft Products Co. Inc., 1	636 Broadway, New York 1	NY
BIRNBACH RADIO CO. INC., 1-2-3, Adv Pg 529	**145 Hudson St. New York 13**	**NY**
Blinn Co., Delbert, 1	P.O. Box 757, Pomona	Cal
Bonny Mfg. Corp., 1	146 Main St. Maynard	Mass
BRAUN TOOL & INSTRUMENT CO. INC., H., 3, Adv Pg 451	**140 5th Ave. Hawthorne**	**NJ**
Brillhart Plastics Corp., 1	Old Country Rd. Mineola	NY
Carmer Industries, Inc., 1	22 N. 26 St, Kenilworth	NJ
Carroll Pressed Metal, Inc., 3	137 Dewey St, Worcester	Mass
Ceramco Inc. Chemists, 1	173 Ridge St. Newark 4	NJ
Chase Brass & Copper Co. Inc., 2-3	236 Grand St, Waterbury 20	Conn
Champlain, Inc., 1	3 Central Ave. East Newark	NJ
Circo Corp., 1	61 Terminal Ave. Clark	NJ
CIRCON COMPONENT CORP., 1-2-3, Adv Pg 446	**Santa Barbara Airport, Goleta**	**Cal**
Cleveland Mica Co., 1	1360 Hird Ave. Lakewood	Ohio
Comco Plastics, Inc., 1	98-40 Jamaica Ave. Richmond Hill	NY
Cominco Products Inc., 3	933 W 3rd Ave, Spokane	Wash
Composite Industrial Metals Inc., 3	276 Georgia Ave, Providence 5	RI
Continental-Diamond Fibre Corp., 1	Newark 100	Del
Continental Screw Co., 3	Dept JA, 459 Mt Pleasant St, New Bedford	Mass
Cortland Industries, Inc., 1	4545 Cortland St, Chicago 39	Ill
Cosmo Plastics Co., 1	3219 W. 14 St, Cleveland	Ohio
Cox Mfg. Co., 1-3	807 Fredericksburg Rd, San Antonio 1	Tex
Dean Plastics Inc., 1	111 Herbert Ave. Closter	NJ
Diamonite Products Mfg. Co., 1	Shreve	Ohio
Division Lead Co., 3	7742 W. 61st Pl, Summit	Ill
Dixon Corp., 1	19-21 Burnside St, Bristol	RI
Eaton Mfg. Co., Reliance Div., 2	25 Charles Ave. S.E., Massillon	Ohio
Electrada Corp., 1	11240 Playa St. Culver City	Cal
ELECTRICAL INSULATION CO. INC., 1, Adv Pg 300	**1245 Marconi Blvd. Copiague**	**NY**
Emerson Plastics Corp., 1	1180 Seabury Ave, Bronx 61	NY
Emsco Plastics Corp., 1	60 Vine St, Everett	Mass
Eugene Engineering Co. Inc., 3	1217 Hyde Park Ave. Hyde Park 36	Mass
FEDERAL SCREW PRODUCTS INC., 1-2-3, Adv Pg 553	**3917 N Kedzie Ave. Chicago 18**	**Ill**
Felt Products Mfg Co., 3	7450 N McCormick Blvd, Skokie	Ill
Fisher & Crowe, 1	107 N. Camac St, Philadelphia 7	Pa
Franklin Fibre Lamitex Corp., 1	P.O. Box 1768, Wilmington	Del
G-C Electronics Co., 1-2-3	400 S Wyman St, Rockford	Ill
Garrett Co. Inc. George K., 1-2-3	Trenton Ave. at Tulip St. Phila 34	Pa
Gemex Co. Industrial Div., 1-3	1200 Commerce Ave, Union	NJ
General Gaskets Inc., 2	Middletown	Conn
GEORGE PRODUCTS CO. INC., 3, Adv Pg 470	**98 Dorsa Ave. Livingston**	**NJ**
Gladding, McBean & Co., 1	1551 S Primrose St, Monrovia	Cal

Gries Reproducer Corp., 1	151 Beechwood St. New Rochelle	NY
HK Metal Craft Mfg Corp., 1-3	3775 Tenth Ave. New York 34	NY
I. E. Manufacturing, 1-3	3041 Carroll, Chicago 12	Ill
Industrial Electronic Rubber Co., 1	31945 Aurora Rd. Solon	Ohio
Insulation Manufacturers Corp., 1	565 W Washington Blvd. Chicago 6	Ill
Jones Electronics, Harry, 1	2313 W. Olive Ave, Burbank	Cal
Keystone Bolt & Nut Corp., 1-2-3	127 Church St. New York 7	NY
Kling Metal Spinning Co., 3	247 Centre St, New York	NY
Laminated Sheet Products Corp., 1	449 Neponset St. Norwood	Mass
Laminated Shim Co., Inc., 3	4601 Union St, Glenbrook	Conn
Lehigh Metal Products Co., 2-3	134 Alewife Brook Pkwy, Cambridge	Mass
Long, Inc., Thomas J., 1	215 Stonehinge Ln, Carle Place	NY
LUCAS MILHAUPT ENGINEERING CO., 3, Adv Pg 426	**5075 S Lake Dr. Cudahy**	**Wisc**
Marston Electronics Corp., 1	264 Babylon Tpk, Roosevelt	NY
Maryland Lava Co., 1	Dept GB, Bel Air	Md
Mercury Air Parts Co., 2-3	9310 W Jefferson Blvd. Culver City	Cal
Mica Fabricating Co., 1	53 Central Ave, Rochelle Park	NJ
Mid-Continent Screw Products Co., 1-2-3	5843 W Broadway, Chicago 40	Ill
Minisink Rubber Co., Inc., 1	Orange County, Unionville	NY
Monadnock Mills, Div. UCF, 1	1977 1st Ave. San Leandro	Cal
Morris Co., J.I., 2-3	376 Elm St, Southbridge	Mass
NATIONAL BERYLLIA CORP., 1 Adv Pg 552	**1st & Haskell, Haskell**	**NJ**
National Gasket & Washer Mfg. Co. Inc., 1-3	124 E 25 St. New York 10	NY
National Vulcanized Fibre Co., 1	Box 311, Wilmington 99	Del
Nemo Labs, Inc., 1	8 Lawrence St. Belleville 7	NJ
Nylatite Corp of America, 1-2	287 Badger Ave, Newark 8	NJ
O & M Tool Die & Mfg. Co., 3	3316 Palisade Ave. Union City	NJ
Oki & Holtham, Ltd., 1	47 Crockford Blvd, Toronto 16, Ontario, Canada	
Parker Seal Co. Div. Parker-Hannifin Corp., 1	10567 Jefferson Blvd. Culver City	Cal
Penn Fibre & Specialty Co., 1-3	2032 E Westmoreland St. Phila. 34	Pa
Pennsylvania Fluorocarbon Co. Inc., 1	1115 N 38th St. Philadelphia 4	Pa
Permanite Mfg. Co., 1	910 W. Jackson Blvd, Chicago 7	Ill
Phenol Mfg. Co., Inc., 3	5700 Roosevelt Rd, Chicago 50	Ill
Phillips Mfg. Co., 3	7415 N. Touhy Ave, Chicago 45	Ill
Polymics & Insulation Co., 1	613 Main St. Willimantic	Conn
Positive Lock Washer Co., 2	181 Vanderpool St, Newark 5	NJ
Precision Metal Products Co. of Malden, 1	41 Elm St. Stoneham 80	Mass
Quadriga Mfg Co., 3	213 W Grand Ave, Chicago 10	Ill
RESDEL CORP., 1 Adv Pg 519	**P.O. Box 217, Rio Grande**	**NJ**
Richardson Co., The, 1	2787 Lake St. Melrose Park	Ill
Rinak Electronics Inc., 1-3	10929 Vanowen St. N Hollywood	Cal
Roberts Toledo Rubber Co., 1	4141 Monroe St. Toledo	Ohio
Rosan, Inc., 3	2901 W. Coast Hwy, Newport Beach	Cal
Ross Co., Walter, 1	219 Jacksonville Rd, Hatboro	Pa
Rubbercraft Corp of Calif., 1	1800 W 2[illegible]th St. Torrance	Cal
Ryerson & Son Inc. J T., 2-3	2558 W 16th St. Chicago 8	Ill
Semi-Alloys Inc., 3	20 McQuesten Pkwy. N, Mt. Vernon	NY
Sherwood Div., Ill Tool Works, 2-3	St. Charles Rd. Elgin	Ill
Shuffle Mfg. Corp., 1-3	323 Bergen Blvd, Fairview	NJ
Silicone Insulation, Inc., 1	1395 Sunbury Ave. Bronx 61	NY
Smith, Inc. Herman H., 1-3	2326 Nostrand Ave. Brooklyn 10	NY
Sparta Mfg Co., 1	Box 107, Dover	Ohio
Speed Electronics Inc., 1-3	177 Mill Ln. Mountainside	NJ
Spruce Pine Mica Co., 1	Spruce Pine	NC
Star Porcelain Co., 1	61 Muirhead Ave. Trenton 9	NJ
Star Stainless Screw Co., 2-3	655 Union Blvd, Totowa	NJ
Staver Co., Inc., 1-3	41 N. Saxon Ave, Bay Shore	NY
Stewart Mfg Co., D.M., 1	3600 Jerome Ave, Chattanooga 1	Tenn
Synthane Corp., 1	Oaks	Pa
Tanner Engineering Co., 1	1001 Santa Fe Ave. Los Angeles 21	Cal
Taylor Fibre Co., 1	Norristown 51	Pa
Thompson-Bremer & Co. Div. AMF, 2-3	2296 N LaSalle St. Chicago 1	Ill
Tricon Mfg Co., 3	9012 S Wallace St. Chicago 20	Ill
United Mineral & Chemical Corp., 3	16 Hudson St. New York 13	NY
United Products Co., 1	146 Franklin Ave. Nutley 10	NJ
United Screw & Bolt Corp., 2-3	3590 W. 58 St, Cleveland 2	Ohio
Vernay Labs. Inc., 1	Yellow Springs	Ohio
Walden Electronics, Inc., 1-2-3	4621 W 53rd St, Chicago 32	Ill
Wilmington Fibre Specialty Co., 1	New Castle 6	Del
Wrought Washer Mfg. Co., 1-3	2264 S Bay St. Milwaukee 7	Wis
Zoron Inc., 1-3	612 W Monroe St. Chicago 6	Ill

WATER DEMINERALIZERS See DEMINERALIZERS & STILLS
WATER LEAK DETECTORS See DETECTORS -LEAK, WATER
WATERPROOF BOXES See BOXES

WATTMETERS

1. *ELECTRONIC* 2. *METER-TYPE* 3. *MICROWAVE CALORIMETRIC*

A. O. I. P., 2	23 Pl. Jeanne d'Arc, Paris 13	Fr
Airtec Inc., 3	139 E First Ave. Roselle	NJ
Assembly Products, Inc., 1-2	75 Wilson Mills Rd. Chesterland 6	Ohio
AVNET INSTRUMENT CORP., 2, Adv Pgs 331, 364	**70 State St. Westbury**	**NY**
Bayly Engineering Ltd., 1	Hunt St. Ajax	Ont
BIRD ELECTRONIC CORP., 1-2, Adv Pg 239	**30303 Aurora Rd. Cleveland 39**	**Ohio**
Bogart Mfg. Corp., 3	315 Seigel St, Brooklyn 6	NY
BOONTON ELECTRONICS CORP., 1, Adv Pg 212	**738 Speedwell Ave. Morris Plains**	**NJ**
Bruno-New York Industries Corp., 3	460 W 34th St. New York 1	NY
Canadian Research Institute	85 Curlew Dr. Don Mills	Ont
Chemalloy Electronics Corp., 3	Gillespie Field, Santee	Cal
CONTROL ELECTRONICS CO. INC., 1, Adv Pg 444	**10 Stepar Pl. Huntington Sta**	**NY**
CUBIC CORP., 3, Adv Pgs 329, 330	**5575 Kearny Villa Rd. San Diego 11**	**Cal**
Daystrom Inc. Weston Instruments Div., 2	614 Frelinghuysen Ave. Newark 12	NJ
DOUGLAS MICROWAVE CO. INC., 3, Adv Pg 235	**252 E 3rd St. Mt Vernon**	**NY**
EITEL-McCULLOUGH INC., 3, Adv Pgs 57-60	**301 Industrial Way, San Carlos**	**Cal**
ELECTRO IMPULSE LAB. INC., 3, Adv Pg 357	**208 River St. Red Bank**	**NJ**
ELECTRONIC INSTRUMENT CO. INC., 1, Adv Pg 396	**3300 Northern Blvd. Long Island City**	**NY**
Fluke Mfg Co. Inc., John, 1	Mountlake Terrace	Wash
GENERAL ELECTRIC CO. APPARATUS SALES, 2, Adv Pgs 8, 9	**1 River Rd. Schenectady 5**	**NY**
General Microwave Corp., 3	47 Gazza Blvd. Farmingdale	NY
HEWLETT-PACKARD CO., 3, Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
JONES ELECTRONICS CO. INC., M. C., SUB. BENDIX CORP., 1-2-3 Adv Pg 131	**185 N Main St. Bristol**	**Conn**
Kahl Scientific Instrument Corp., 3	737 W Main St. El Cajon	Cal
Lumen, Inc., 1	Box 905, Joliet	Ill
Martindale Electric Co., 2	Edgewater Br. Box 617, Cleveland 7	Ohio
Microwave Dynamics Corp., 3	5 Fairchild Ct. Plainview	NY
National Electronics, 2	P.O. Box 1237, Sheridan	Wyo
New England Scientific Instruments Corp., 2	238 Main St. Cambridge 42	Mass
PRD ELECTRONICS INC., 3, Adv. Pgs. 113-116	**202 Tillary St. Brooklyn 1**	**NY**
PHYSICS RESEARCH LABS. INC., 2, Adv Pg 478	**P.O. Box 555, Hempstead**	**NY**
RADAR MEASUREMENTS CORP., 1 Adv. Pg 516	**190 Duffy Ave. Hicksville**	**NY**
RAWSON ELECTRICAL INSTRUMENT CO., 2, Adv Pg 446	**111 Potter St. Cambridge 42**	**Mass**
SANBORN CO., 1, Adv Pgs 300, 301	**175 Wyman St. Waltham 54**	**Mass**
Sangamo Electric Co., 2	1301 N. 11 St, Springfield	Ill
Seco Electronics Inc., 2	5015 Penn Ave. S, Minneapolis 19	Minn
SENSITIVE RESEARCH INSTRUMENT CORP., 2, Adv Pg 109	**310 Main St. New Rochelle**	**NY**
SHIMADA PHYSICAL & CHEMICAL INDUSTRIAL CO., 3 Adv Pg 258	**415 Shibazakicho.chofu-city, Tokyo**	**Jap**
SIERRA ELECTRONIC CORP., 1-3 Adv Pgs 128, 129	**3885 Bohannon Dr. Menlo Park**	**Cal**
Solartron, Inc., 1	1742 S. Zeyn St, Anaheim	Cal
Specialty Electronics Development Corp., 3	115 Eileen Way, Syosset	NY
Sperry Microwave Electronics Co., 3	Box 1828, Clearwater	Fla
Tenlo Research Corp., 1	5474 Lyndale Ave S., Minneapolis 23	Minn
Thermovolt Instruments, Ltd., 2	70 Advance Rd, Toronto 18, Ontario, Canada	
Varian Associates, 3	611 Hansen Way, Palo Alto	Cal
Wayne Kerr Corp., 3	1633 Race St. Philadelphia 3	Pa
Westinghouse-Instrument Dept., 2	Newark	NJ

WAVE ANALYZERS See ANALYZERS -WAVE
WAVEFORM GENERATORS See GENERATORS -SIGNAL
WAVEGUIDE ATTENUATORS -COAXIAL See ATTENUATORS -MICROWAVE
WAVEGUIDE BENDS See BENDS -WAVEGUIDE
WAVEGUIDE BULKHEADS See FLANGES
WAVEGUIDE CHOKES See CHOKES -WAVEGUIDE
WAVEGUIDE CLAMPS See CLAMPS -WAVEGUIDE FLANGE

WAVEGUIDE DISSIPATIVE STRIPS

Airtec, Inc	139 E. First Ave, Roselle	NJ
CUSTOM COMPONENTS INC., Adv Pg 396	**Box 248, Caldwell**	**NJ**
Film Resistors Inc	242 Ridgedale Ave. Morristown	NJ
Metavac, Inc	45-68 162 St. Flushing 58	NY
MICROWAVE CORP. OF AMERICA, Adv Pg 462	**P.O. Box 278, Stamford**	**Conn**
Microwave Dynamics Corp	5 Fairchild Ct. Plainview	NY
Microwave Semiconductor & Inst. Inc	116-06 Myrtle Ave. Richmond Hill 18	NY
U.S. Rubber Co	1230 Ave of the Americas, New York 20	NY

WAVEGUIDE FILTERS See FILTERS
WAVEGUIDE FLANGES See FLANGES
WAVEGUIDE HORNS See HORNS -WAVEGUIDE

WAVEGUIDES -*COMPLETE WITH FLANGES*

1. *ELECTROFORMED*
2. *FABRICATED*
3. *FLEXIBLE*
4. *MILLIMETER*
5. *RIDGED, FLEXIBLE*
6. *RIDGED, RIGID*
7. *RIGID*
8. *RIGID & FLEXIBLE, COMBINATION*
9. *SOLID DIELECTRIC*

See Also DELAY LINES

Aeroquip Corp., 2-3-5-6-7-8	300 S East Ave, Jackson	Mich
AINSLIE CORP., 2-7, Adv Pg 400	**531 Pond St. South Braintree 85**	**Mass**
Airtec Inc., 1-2-3-4-5-6-7-8	139 E First Ave. Roselle	NJ
Airtron, Div of Litton Industries, 2-3-4-5-6-7-8	200 E Hanover Ave. Morris Plains	NJ
AMERICAN ELECTRONIC WIRE & CABLE, 7, Adv Pg 10	**120 S Hewitt St. Los Angeles**	**Cal**
Andrew California Corp., 2-3-7-8	941 E Maryland Ave. Claremont	Cal
ANDREW CORP., 2-3-6-7-8, Adv Pg 13	**Box 807, Chicago 42**	**Ill**
ANTENNA SYSTEMS, INC., 2-7, Adv Pg 428	**Hingham Industrial Center, Hingham**	**Mass**
Ardwin Microlab Inc., 2-7-8	21 Spencer St. Stoneham 80	Mass
ARRA CORP., 2-5-6-7, Adv Pg 498	**27 Bond St. Westbury**	**NY**
Bart Labs & Design Inc., 1-2-3-4-5-6-7-8	125 Manchester Pl, Newark 4	NJ
Belz Industries Inc., 2-7-8	89 Union St. Mineola	NY
Bogart Mfg. Corp., 2-3-5-6-7-8	315 Seigel St, Brooklyn 6	NY
BUDD STANLEY CO. INC., 2-3-4-6-7-8, Adv Pg 313	**175 Eileen Way, Syosset**	**NY**
CWS Waveguide Corp., 1-2-3-4-5-6-7-8	301 W Hoffman Ave. Lindenhurst	NY
Cardwell Condenser Corp., 1-2-4-6-7-8	80 E Montauk Hwy. Lindenhurst	NY
Co-Operative Industries, Inc., 3-4	100 Oakdale Rd, Chester	NJ
Dahlstrom Manufacturing Corp., 2	Jamestown	NY
DeMORNAY-BONARDI CORP., 1-2-7, Adv. Pgs. 178, 179	**780 S Arroyo Pkwy. Pasadena**	**Cal**
Diamond Antenna & Microwave Corp., 2-5-6-7-8	River St, Winchester	Mass
Dielectric Products Engrg. Co. Inc., 2-7	Raymond	Me
DOUGLAS MICROWAVE CO. INC., 1-2-4-6-7, Adv Pg 235	**252 E 3rd St. Mt Vernon**	**NY**
Electrada Corp., 2	11244 Playa St. Culver City	Cal
FXR INC., 2-4-6-7, Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Fairfield Development Labs Inc., 1-2-4	190 Henry St. Stamford	Conn
GB Electronics Corp. Sub. Gen Bronze Corp., 7	711 Stewart Ave. Garden City	NY
Gar Precision Parts, Inc., 1-2-4	190 Henry St. Stamford	Conn
General Aniline & Film Corp. Ansco Div., 2-7	Vestal Pkwy. E, Binghamton	NY
Gilfillan Bros. Inc., 2-4-6-7	1815 Venice Blvd. Los Angeles 6	Cal
Gombos Co., Inc., John, 2-7	Webro Rd, Clifton	NJ
Graham Mfg. Co., Inc., 7	470 Bridge St. East Greenwich	RI
Henry & Miller Industries, Inc., 2-7	675 Garfield Ave. Jersey City 5	NJ
I-T-E Circuit Breaker Co., 2-3-5-6-7-8	601 E Erie Ave. Philadelphia 34	Pa
Kearfott Div. Gen. Precision Inc. Microwave Prods., 2-4-6-7-8	14844 Oxnard St. Van Nuys	Cal
Kennedy & Co., D. S., 2-3-7	Cohasset	Mass
Kent Corp., F.C., 1-2	135 Manchester Pl, Newark 4	NJ
LIECO INC., 2-3-4-7-8, Adv Pg 398	**150 Eileen Way, Syosset**	**NY**
Lytle Corp. Allied Res & Eng Div., 1	6916 Santa Monica Blvd. Hollywood 38	Cal
M.C.S. Corp., 2-4-7	1001 S Mountain Ave. Monrovia	Cal
Marman Div. Aeroquip Corp., 7	11214 Exposition Blvd. Los Angeles 64	Cal
Meridian Metalcraft, Inc., 2-6-7	8739 S Millergrove Dr. Whittier	Cal
Metal Fabricators Corp., 2	63 Pond St, Waltham 54	Mass
Metcom, Inc., 2	76 Lafayette St. Salem	Mass
Microtech, Inc., 1-2-3-4-5-6-7-8-9	Milldale Rd. Cheshire	Conn
Microwave Associates, Inc., 2-3-4-5-6-7-8	Burlington	Mass
MICROWAVE CORP. OF AMERICA, 1-2-3-5-6-7, Adv Pg 462	**Box 278, Stamford**	**Conn**
Microwave Development Labs. Inc., 7-8	15 Strathmore Rd. Natick	Mass
Microwave Dynamics Corp., 1-2-3-4-5-6-7-8	5 Fairchild Ct. Plainview	NY
Microwave Semiconductor & Inst. Inc., 4-6	116-06 Myrtle Ave. Richmond Hill 18	NY
N. R. K. Microwave Div. Cook Elec Co., 2-6-7-8	4601 W Addison St. Chicago 41	Ill
New England Instrument Co., 2-4	39 Green St. Waltham	Mass
Nichols Products Co., 2-7	323 W Main St, Boonton	NJ
OMEGA LABORATORIES INC., 2-3-4-5-6-7-8, Adv Pg 226	**Box 309, Rowley**	**Mass**
PEM MACHINE TOOL CO. INC., Adv Pg 536	**1456 Chestnut Ave. Hillside**	**NJ**
PORTCHESTER INSTRUMENT CORP., 5-6-7-8, Adv Pg 468	**114 Wilkins Ave. Port Chester**	**NY**
Portland Industries Corp., 2-6-7	South Portland	Me
Precision Microwave Corp., 2-7	Main St, Millis	Mass
RADAR MEASUREMENTS CORP., 2-7 Adv Pg 516	**190 Duffy Ave. Hicksville**	**NY**
Ryan Electronics Div. Ryan Aero. Co., 1-2-3-4-7-8	5650 Kearny Mesa Rd. San Diego 12	Cal
Schutter Microwave Corp., 2-7	80 E Montauk Hwy. Lindenhurst	NY
Sigma Electronics Research Corp., 2-6-7	15735 Ambaum Blvd. Seattle 66	Wash
SPECIALTY AUTOMATIC MACHINE CORP., 6-7, Adv Pg 404	**80 Cambridge St. Burlington**	**Mass**
Strand Labs. Inc., 2	294 Centre St. Newton	Mass
Summit Electronics, Inc., 7	7 Industrial Pl, Summit	NJ
TRG Inc., 1-2-4	9 Union Sq. Somerville	Mass
TELERAD DIV. LIONEL CORP., 2-3-5-6-7-8, Adv Pgs 220, 221	**Rt 69, Flemington**	**NJ**
Turbo Machine Co., 2-7-8	840 N Main St. Lansdale	Pa
United Shoe Machinery Corp., 1-2-4-6	140 Federal St. Boston	Mass
Washington Aluminum Co., Inc., 2-6-7	Pa R R & Knecht Ave, Baltimore 29	Md
Waveguide, Inc. 2-7	1769 Placentia Ave, Costa Mesa	Cal
Waveline, Inc., 1-2-4-6-7-8	P.O. Box 718, Caldwell	NJ
Wunder Aircraft Corp., 1-2	Dunnellon Air Base, Dunnellon	Fla

WAVEGUIDE STANDS See STANDS
WAVEGUIDE SWITCHES See SWITCHES -MICROWAVE

WAVEGUIDE TUBING

Aeroquip Corp	300 S East Ave, Jackson	Mich
Airtec, Inc	139 E. First Ave, Roselle	NJ
Anaconda American Brass Co	414 Meadow St. Waterbury 20	Conn
Andrew California Corp	941 E Maryland Ave. Claremont	Cal
ANTENNA SYSTEMS, INC., Adv Pg 428	**Hingham Industrial Center, Hingham**	**Mass**
ARRA CORP., Adv Pg 498	**27 Bond St. Westbury**	**NY**
Bart Labs & Design Inc	125 Manchester Pl, Newark 4	NJ
Brenner Corp., C. S	322 Washington St. Mt. Vernon	NY
BUDD STANLEY CO. INC., Adv Pg 313	**175 Eileen Way, Syosset**	**NY**
C W S Waveguide Corp	301 W. Hoffman Ave, Lindenhurst	NY
Cardwell Condenser Corp	80 E. Montauk Hwy, Lindenhurst	NY
Chase Brass & Copper Co., Inc	236 Grand St, Waterbury 20	Conn
Dahlstrom Manufacturing Corp	Jamestown	NY
DeMORNAY-BONARDI CORP., Adv. Pgs. 178, 179	**780 S Arroyo Pkwy. Pasadena**	**Cal**
Diamond Antenna & Microwave Corp	River St, Winchester	Mass
DOUGLAS MICROWAVE CO. INC., Adv Pg 235	**252 E 3rd St. Mt Vernon**	**NY**
FXR INC., Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Gilfillan Bros., Inc	1815 Venice Blvd, Los Angeles 6	Cal
Gombos Co. Inc. John	Webro Rd. Clifton	NJ
Henry & Miller Industries, Inc	675 Garfield Ave, Jersey City 5	NJ
Horton-Angell Co	27 Bicknell St, Attleboro	Mass
I-T-E Circuit Breaker Co	601 E Erie Ave, Philadelphia 34	Pa
LIECO, INC., Adv Pg 398	**150 Eileen Way, Syosset**	**NY**
M.C.S. Corp	1001 S Mountain Ave. Monrovia	Cal
Microtech, Inc	Milldale Rd, Cheshire	Conn
Microwave Associates, Inc	Burlington	Mass
Microwave Development Labs. Inc	15 Strathmore Rd. Natick	Mass
Microwave Dynamics Corp	5 Fairchild Ct. Plainview	NY
PORTCHESTER INSTRUMENT CORP., Adv Pg 468	**114 Wilkins Ave. Port Chester**	**NY**
Schutter Microwave Corp	80 E Montauk Hwy. Lindenhurst	NY
SPECIALTY AUTOMATIC MACHINE CORP., Adv Pg 404	**80 Cambridge St. Burlington**	**Mass**
TELERAD DIV. LIONEL CORP., Adv Pgs 220, 221	**Rt 69, Flemington**	**NJ**
Turbo Machine Co	840 N. Main St, Lansdale	Pa
Waveline, Inc	P.O. Box 718, Caldwell	NJ

WAVEGUIDE TWISTS See TWISTS -WAVEGUIDE

WAVEMETERS -*MICROWAVE*

Airtec, Inc	139 E. First Ave, Roselle	NJ
Bart Labs & Design Inc	125 Manchester Pl, Newark 4	NJ
BUDD STANLEY CO. INC., Adv Pg 313	**175 Eileen Way, Syosset**	**NY**
CWS Waveguide Corp	301 W Hoffman Ave, Lindenhurst	NY
DeMORNAY-BONARDI CORP., Adv. Pgs. 178, 179	**780 S Arroyo Pkwy. Pasadena**	**Cal**
Diamond Antenna & Microwave Corp	River St, Winchester	Mass
DOUGLAS MICROWAVE CO. INC., Adv Pg 235	**252 E 3rd St. Mt Vernon**	**NY**
ELECTRO IMPULSE LAB INC., Adv Pg 357	**208 River St. Red Bank**	**NJ**
FXR INC., Adv Pgs 100, 101	**25-26 50th St. Woodside 77**	**NY**
Frequency Standards, Div., Harvard Industries, Inc	P.O. Box 504, Asbury Park	NJ
General Communication Co	677 Beacon St, Boston 15	Mass
General Microwave Corp	47 Gazza Blvd. Farmingdale	NY
Gombos Co., Inc., John	Webro Rd, Clifton	NJ
HEWLETT-PACKARD CO., Adv Pgs 19-34	**1501 Page Mill Rd. Palo Alto**	**Cal**
Kearfott Div. Gen. Precision Inc. Microwave Prods	14844 Oxnard St. Van Nuys	Cal
M.C.S. Corp	1001 S Mountain Ave. Monrovia	Cal
Maury & Associates	10373 Mills Ave. Montclair	Cal
MICO INSTRUMENT CO., Adv Pg 514	**77 Trowbridge St. Cambridge 38**	**Mass**
Microphase Corp	River Rd. Cos Cob	Conn
Microwave Associates, Inc	Burlington	Mass
MICROWAVE CORP. OF AMERICA, Adv Pg 462	**P.O. Box 278, Stamford**	**Conn**
Microwave Dynamics Corp	5 Fairchild Ct. Plainview	NY
Narda Microwave Corp	Plainview	NY
New England Instrument Co	39 Green St. Waltham	Mass
OMEGA LABORATORIES INC., Adv Pg 226	**Box 309, Rowley**	**Mass**

1961-1962 LISTINGS of

PRD ELECTRONICS INC., Adv Pgs. 113-116	202 Tillary St. Brooklyn 1	NY
PORTCHESTER INSTRUMENT CORP., Adv Pg 468	114 Wilkins Ave. Port Chester	NY
Precision Microwave Corp	Main St, Millis	Mass
RADAR DESIGN CORP Adv Pg 471	Pickard Dr, Syracuse 11	NY
SHIMADA PHYSICAL & CHEMICAL INDUSTRIAL CO., Adv Pg 258	415 Shibazakicho-chofu-city, Tokyo	Jap
Sigma Electronics Research Corp	15735 Ambaum Blvd. Seattle 6	Wash
Sperry Microwave Electronics Co	Box 1828, Clearwater	Fla
Strand Labs. Inc	254 Centre St. Newton	Mass
TRG Inc	9 Union Sq. Somerville	Mass
TELERAD DIV. LIONEL CORP., Adv Pgs 220, 221	Rt 69, Flemington	NJ
Victor R.F. & Microwave Co	38 W Water St. Wakefield	Mass
Washington Aluminum Co. Inc	Pa RR & Knecht Ave. Baltimore 29	Md
Waveline, Inc	P.O. Box 718, Caldwell.	NJ
Wayne Kerr Corp	1633 Race St. Philadelphia 3	Pa

WAVE TRAPS See TRAPS -WAVE

WAXES

Anaconda Chemical Co	170 Broadway, New York 38	NY
Biwax Corp	3445 Howard St, Skokie	Ill
Central Scientific Co. Div. Cenco Instr Inc	1700 Irving Park Rd. Chicago 13	Ill
Esso Standard, Div of Humble Oil & Refining Co	15 W. 51 St, New York 19	NY
Geoscience Instrument, Inc	142 Maiden Lane, New York 38	NY
Hi-Test Chemical Corp	372 64th St, Brooklyn 20	NY
International Wax Refining Co	99 E. Hawthorne Ave, Valley Stream	NY
Koppers Co. Inc	Koppers Bldg. Pittsburgh 19	Pa
Magic Chemical Co	121 Crescent St. Brockton	Mass
Minnesota Mining & Mfg. Co., Chemical Div	900 Bush Ave, St. Paul 6	Minn
Mitchell Rand Mfg. Corp	51 Murray St, New York 7	NY
Stevenson Brothers & Co	118 Race St, Philadelphia 6	Pa
Zophar Mills, Inc	115 26th St, Brooklyn 32	NY

WEATHER EQUIPMENT See METEOROLOGICAL EQUIPMENT: RADAR
WEIGHING -*ELECTRONIC* See INDICATORS -*WEIGHT*
WEIGHING EQUIPMENT See CONTROLS -*WEIGHT*
WEIGHT CONTROLS See CONTROLS -*WEIGHT*
WEIGHT INDICATORS See INDICATORS -*WEIGHT*
WEIGHT RECORDERS See RECORDERS -*WEIGHT*

WELDERS

1. SPOT 2. SPOT, ALUMINUM 3. SPOT, FINE-WIRE

Advanced Technology Labs., 3	369 Whisman Rd. Mountain View	Cal
Air Reduction Sales Co., 1-2-3	150 E 42 St. New York	NY
Alloyd Electronics Corp	37 Cambridge Pkwy. Cambridge 42	Mass
Birdwell Div. Susquehanna Science Inc., 1-3	350 N Halstead, Pasadena	Cal
Computer Engineering Associates, 1-2-3	350 N Halstead, Pasadena	Cal
DKE Electronic Boxes Inc., 1	27 Wright St. Newark	NJ
Eisler Engineering Co., 1-2-3	751 S. 13 St, Newark 3	NJ
EWALD INSTRUMENTS, 1-3, Adv Pg 498	Rt. 7E, Kent	Conn
Federal Electronic Products, Inc., 1-2-3	1180 Pompton Ave, Cedar Grove	NJ
FEDERAL TOOL ENGINEERING, INC., 1-3 Adv Pg 533	1386 Pompton Ave. Cedar Grove	NJ
Hughes Vacuum Tube Products Div., 1-2-3	2020 Short St. Oceanside	Cal
KAHLE ENGINEERING CO., 1-2-3 Adv Pg 90	3322 Hudson St, Union City	NJ
Linde Co., Div., UCC, 1	270 Park Ave, New York 17	NY
Litton Engineering Labs., 1	P.O. Box 949, Grass Valley	Cal
National Electric Welding Machines Co., 1-2	1846 Trumbull St. Bay City	Mich
Origin Electric Co. Ltd., 1	1-195 Takada Minami-cho Toshima-ku Toyko	Jap
Peer, Inc., 1-2-3	Benton Harbor	Mich
Pioneer Industries Div. Alma-York Co. Inc., 1	3455 W Vickery, Fort Worth 7	Tex
Portland Industries Corp., 1-2	South Portland	Me
RAYTHEON CO. COMMER APPAR & SYSTEMS DIV., 1-2-3, Adv Pg 41	225 Crescent St. Waltham 54	Mass
Research Inc., 3	Box 6164, Edina Br. Mpls 24	Minn
Ryerson & Son Inc. J T., 1	2558 W 16th St. Chicago 8	Ill
Sciaky Bros., Inc., 1-2-3	4915 W. 67th St, Chicago 38	Ill
Scientific Electric, Inc., 1-3	105-119 Monroe St, Garfield	NJ
Sippican Corp., 1-2-3	Box 537, Marion	Mass
Taylor-Winfield Corp., 1-2-3	1056 Mahoning, N.W., Warren	Ohio
Trecoll Products Ltd	1907 S. Clark St, Chicago	Ill
Ulmer Co., H. W., 1-2-3	2941 San Luis Rey Rd. Oceanside	Cal
Vickers Inc. Electric Products Div., 1	1899 Locust St. St Louis 3	Mo
Weldmatic Div. Unitek Corp., 1-3	950 Royal Oaks Dr. Monrovia	Cal
Wele Electronics Co., 1-3	1701 S Main St. South Bend 23	Ind
YUTAKA ELECTRIC MFG. CO. LTD., 1-2-3, Adv Pg 264	1-1253 Yutaka-cho, Shinagawa-ku, Tokyo	Jap

WELDERS -*ELECTRON BEAM* See MACHINES -*ELECTRON BEAM METALWORKING*
WELDERS -*ULTRASONIC* See ULTRASONIC EQUIPMENT
WELDING CONTROLS See CONTROLS -*WELDING*
WELDING MACHINES -*COMPONENT CASE* See MACHINES -*WELDING*
WELDING TIMERS See TIMERS -*WELDING*
WHEATSTONE BRIDGES See BRIDGES
WHEELS -*BONDED* See ABRASIVES

WHEELS -*DIAMOND*

1. DICING OR PELLETIZING 2. WAFERING OR SLICING

Bay State Abrasive Products Co., 1-2	12 Union St, Westboro	Mass
Felker Mfg Co., 1-2	1128 Border Ave. Torrance	Cal
Gabriel Electronics Div., Gabriel Co., The	Main & Pleasant Sts, Millis	Mass
Geoscience Instrument, Inc., 1-2	142 Maiden Lane, New York 38	NY
Norair Products, Inc., Sub., North American Aviation, Inc	970 N. Sepulveda, El Segundo	Cal
Norton Co., 1-2	1 New Bond St. Worcester 6	Mass
Raybestos-Manhattan Inc., 2	61 Willett St. Passaic	NJ

WHIP ANTENNAS See ANTENNAS -*MOBILE*
WHITEPRINT MACHINES See MACHINES -*COPYING*
WIDE-BAND AMPLIFIERS See AMPLIFIERS - R-F
WIND & DUST CHAMBERS See CHAMBERS -*ENVIRONMENTAL TEST*
WIND-DRIVEN GENERATORS See GENERATORS -*POWER*
WIND INDICATORS See INDICATORS -*WIND*

WINDING MACHINES See MACHINES -*CAPACITOR MANUFACTURING*: MACHINES -*COIL-WINDING*: MACHINES -*GRID-WINDING*: MACHINES -*RESISTOR-MANUFACTURING*
WINDINGS -*TRANSFORMER* See COILS -*WINDINGS ONLY*

WINDOWS -*DIAL*

Ohl & Willadsen, Ltd	47 Crockford Blvd, Toronto 16, Ontario, Canada	
U. S. Precision Lens & Plastics, Inc	625 Broadway, Cincinnati 2	Ohio

WINDOWS -*INFRARED* See INFRARED DEVICES

WINDOWS -*PRESSURIZING*

Airtec Inc	139 E First Ave. Roselle	NJ
Andrew California Corp	941 E Maryland Ave. Claremont	Cal
Bogart Mfg Corp	315 Seigel St. Brooklyn 6	NY
Hermetic Co. Inc	1101 W Main St. Elkhart	Ind
Microwave Associates, Inc	Burlington	Mass
Microwave Development Labs. Inc	15 Strathmore Rd. Natick	Mass

WIRE -*ANNUNCIATOR* See WIRE -*HOOKUP, COTTON*: *HOOKUP, PLASTIC*

WIRE -*ANTENNA*

Andrew California Corp	941 E Maryland Ave. Claremont	Cal
BIRNBACH RADIO CO. INC., Adv Pg 529	145 Hudson St. New York 13	NY
Copperweld Steel Co. Flexo Wire Div	70 W 1st St. Oswego	NY
I. E. Manufacturing	3041 Carroll, Chicago 12	Ill
Judd Wire Mfg Corp	22 Ave. A, Turners Falls	Mass
Page Steel & Wire Div. Amer. Chain & Cable Co. Inc	Box 832, Monessen	Pa
RF PRODUCTS DIV. AMPHENOL-BORG ELECTRONICS CORP., Adv Pg 204	33 E Franklin St. Danbury	Conn
Rhode Island Insulated Wire Co	50 Burnham Ave, Cranston	RI
Superior Insulated Wire Co	Washburn's Ln. Stony Point	NY

WIRE -*BARE*

1. ALUMINUM	*12. MOLYBDENUM*
2. BERYLLIUM COPPER	*13. MONEL*
3. COLUMBIUM	*14. PHOSPHOR BRONZE*
4. COPPER	*15. PLATINUM*
5. COPPER, GOLD-PLATEL	*16. SILVER*
6. COPPER, NICKEL-CLAD	*17. STEEL (Incl. GUY WIRE)*
7. COPPER, SILVER-PLATED	*18. STEEL, COPPER-CLAD*
8. COPPER, TINNED	*19. STEEL, STAINLESS*
9. FINE WIRE SPECIALTIES (Incl. GRID WIRE)	*20. TANTALUM*
10. GLASS-SEALING	*21. TITANIUM*
11. GOLD	*22. TUNGSTEN*
	23. ZIRCONIUM

Accurate Specialties Co. Inc., 1-4-5-6-7-11 15-16	345 Lodi St. Hackensack	NJ
All-State Welding Alloys Co. Inc., 1-16	249 Ferris Ave. White Plains	NY
Allegheny Ludlum Steel Corp., 10-19	2020 Oliver Bldg. Pittsburgh 22	Pa
Alloys Unlimited Inc., 11-15-16	21-01 43rd Ave. Long Island City 1	NY
ALPHA WIRE CORP., 1-4-7-8-17-18, Adv Pg 246	200 Varick St. New York 14	NY
Aluminum Co of America, 1	Alcoa Bldg, Pittsburgh 19	Pa
American Brazing Alloys Corp., 1-4-14-16-19	Box 11, Pelham	NY
AMERICAN ELECTRONIC WIRE & CABLE, 1-4-5-6-7-8-9, Adv Pg 18	120 S Hewitt St. Los Angeles	Cal
American Leonic Mfg. Co., 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23	3001 Walnut St, Philadelphia 4	Pa
American Steel & Wire Div. USS., 4-7-8-9-17-19	Rockefeller Bldg. Cleveland 13	Ohio
Anaconda American Brass Co., 4-8-9-14	414 Meadow St, Waterbury 20	Conn
Anaconda Wire & Cable Co., 1-4-8-18	25 Broadway, New York 4	NY
Anchor Metal Co., 1-11-12-15-16	966 Meeker Ave. Brooklyn 22	NY
Armco Steel Corp., 19	703 Curtis St, Middletown	Ohio
ART WIRE & STAMPING CO., 9, Adv Pg 409	227 High St. Newark 2	NJ
Associated Engineering & Mfg Corp., 12-20-21-22	Glen Rock	NJ
BELDEN MFG. CO., 8, Adv Pg 107	415 S Kilpatrick, Chicago 44	Ill
Beryllium Corp., 2	Box 1462, Reading	Pa
BIRNBACH RADIO CO. INC., 1-4-7-8-9-14-17 Adv Pg 529	145 Hudson St. New York 13	NY
Bishop & Co., J., Platinum Works., 6-10-15	Malvern	Pa
Branin Corp., C. S., 5-6-7-11-15-16	322 Washington St. Mt. Vernon	NY
Brown Metallurgical Chemical Co., 2-3-7-11-12-13-14-15-16-20-21-22-23	820 65 Ave. Philadelphia 26	Pa
Bridgeport Brass Co., 1-4-14	30 Grand St. Bridgeport	Conn
Brookfield Wire Co. Inc., 1-2-9-10-13-14-17-18 19-21	Brookfield	Mass
CARBORUNDUM CO. REFRACTORIES DIV., 10, Adv Pgs 104, 105	Perth Amboy	NJ
Carpenter Steel Co., 9-19	101 W Bern St. Reading	Pa
Carpenter Steel Co., Webb Wire Div., 10-19	New Brunswick	NJ
Chase Brass & Copper Co., Inc., 1-4-14-19	236 Grand St, Waterbury 20	Conn
CHESTER CABLE CORP., 4-8, Adv Pg 320	Hill St. Chester	NY
COHN CORP., SIGMUND, 1-2-5-9-11-14-15-16-21, Adv Pg 519	121 S Columbus Ave. Mt. Vernon	NY
COLEMAN WIRE & CABLE CO., 1-4-6-7-8, Adv Pg 521	1911 N River Rd. River Grove	Ill
COLUMBIA WIRE & SUPPLY CO., 1-4-7-8-13-14-18, Adv Pg 478	2850 Irving Park Rd. Chicago 18	Ill
CONSOLIDATED REACTIVE METALS INC., 1-2-5-6-8-9-10-11-13-14-15-16-20-21-23, Adv Pg 551	116 Hoyt St. Mamaroneck	NY
Consolidated Wire & Associated Cos., 1-2-4-5-7-8	1635 S Clinton St. Chicago 16	Ill
Cooper & Sons Inc., Joseph B., 1-5-9-11-15-16	180 Varick St. New York 14	NY
Copperweld Steel Co. Flexo Wire Div., 1-4-5-6-7-8-9-13-14-17-18-19	70 W 1st St. Oswego	NY
Crown Metal Products, 18	Box 38, Wyano	Pa
CRUCIBLE STEEL CO OF AMERICA, 19-21, Adv. Pgs. 160, 161	Box 88, Pittsburgh	Pa
Dalwell Co., Inc., 1-4-14-16	11 Bertel Ave, Mt. Vernon	NY
Driver-Harris Co., 10-13-19	202 Middlesex St. Harrison 13	NJ
DRIVER CO., WILBUR B., 9-10-13-19, Adv Pg 275	1875 McCarter Hwy. Newark 4	NJ
Dudek & Bock Spring & Mfg. Co., 9	4114 W Grand Ave. Chicago 51	Ill
Eaton Mfg. Co., Reliance Div., 1-4-13-14-17-19	25 Charles Ave S.E., Massillon	Ohio
Eisler Engineering Co., 12-22	751 S. 13 St, Newark 3	NJ
Electric Autolite Co. Wire & Cable Div., 4-8	3529-24th St. Port Huron	Mich
Electronic Parts Mfg Co. Inc., 6-9-12-22	508-10 25th St. Union City	NJ
Engelhard Industries Inc., 5-6-7-9-15-16-22	113 Astor St. Newark 2	NJ
Essex Wire Corp. Magnet Wire Div., 1-4	1601 Wall St. Fort Wayne	Ind
Fansteel Metallurgical Corp., 3-12-20-22	2200 Sheridan Rd. N Chicago	Ill
Fort Wayne Metals, Inc., 9-13-19	3211 McArthur Dr. Fort Wayne 6	Ind
General Cable Corp., 1-2-4-17	730 3rd Ave. New York 17	NY
General Electric Co. Lamp Metals & Components Dept., 9-10-12-18-22	21800 Tungsten Rd. Cleveland 17	Ohio
General Insulated Wire Works, Inc., 4	89 Gordon Ave, Providence 5	RI
General Photo Products Co., Inc., 22	15 Summit Ave, Chatham	NJ
HACKENSACK CABLE CORP., 13-19, Adv Pg 390	116 Orchard St. Hackensack	NJ
HANDY & HARMAN, 11-15-16, Adv Pg 213	850 3rd Ave. New York 22	NY
Haynes Stellite Co., Div., UCC, 21	1020 W. Park Ave, Kokomo	Ind
Horton-Angell Co., 1-2-4-5-7-9-11-14-16	27 Brook St. Attleboro	Mass
HOSKINS MFG CO., 3-9-20-21-22, Adv Pg 323	4445 Lawton Ave. Detroit 8	Mich
Hudson Wire Co., 1-4-5-6-7-8-9-11-12-14-15-16-17-18-19	Ossining	NY
I. E. Manufacturing, 1	3041 Carroll, Chicago 12	Ill
Improved Seamless Wire Co., 5-7-11-16	775 Eddy St. Providence 5	RI
Indiana Steel & Wire Co. Inc., 9-13-19	2260 E Jackson St. Muncie	Ind
International Nickel Co., Inc., 13	67 Wall St, New York 5	NY
Jelliff Mfg. Corp., C.O., 9-13	200 Pequot Ave, Southport	Conn
Johnson Matthey & Mallory Ltd., 11-15-16	110 Industry St, Toronto, Ontario, Canada	
Kanthal Corp., 13	Amelia Pl. Stamford	Conn
Kennametal Inc., 20	Lloyd Ave, Latrobe	Pa
KENTUCKY ELECTRONICS INC., 1-2-3-4-5-6-7-9-10-11-13-14-15-16-18-19-20-21-23, Adv Pg 321	2208 W 2nd St. Owensboro	Ky
Lance Antenna Corp., 17	1730-1802 First St, San Fernando	Cal
LEACH & GARNER CO. INC. DOV., 4-5-6-7-10-11-14-15-16, Adv Pgs 538, 539	55 School St. Attleboro	Mass
Lindsay Antenna & Specialty Prods., Ltd., 17	50 Mary St, Lindsay, Ontario, Canada	
Little Falls Alloys, Inc., 1-2-4-7-8-14-21	190 Caldwell Ave, Paterson 1	NJ
LUCAS MILHAUPT ENGINEERING CO., 4-16, Adv Pg 426	5075 S Lake Dr. Cudahy	Wisc
A.D. Mackay, Inc., 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23	198 Broadway, New York 38	NY
Metco Inc., 1-4-12-13-14-19	1101 Prospect Ave. Westbury	NY
Metz Refining Co., 11-16	369 Mulberry St. Newark 2	NJ
Molecular Electronics Co., 13	71 Monroe St. Garfield	NJ
Molecu-Wire Corp., 1-4-7	Rte 537, Jobstown	NJ
Montgomery Co., 4-8-9-18	20 Canal Bank, Windsor Locks	Conn
Murex Ltd. Powder Metal Div., 12-20-22	Rainham, Essex	Eng
NATIONAL LEAD CO., 11-15-16-21-23, Adv Pg 557	111 Broadway, New York 6	NY
National Research Corp., Metals Div., 20	70 Memorial Dr, Cambridge 42	Mass
National-Standard Co., 9-13-17-18-19	Niles	Mich
NESOR ALLOY PRODUCTS CO., 1-2-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-22, Adv Pg 542	666 Passaic Ave. West Caldwell	NJ
New England Electrical Works, Inc., 4-5-8	365 Main St. Lisbon	NH
NEY CO., J. M., 9-11-15-16, Adv Pg 467	Maplewood Ave. Bloomfield	Conn
Nonotuck Mfg. Co., 4-8	Canal St. South Hadley Falls	Mass
Page Steel & Wire Div. Amer. Chain & Cable Co. Inc., 17-19	Box 832, Monessen	Pa
Paul & Stein Bros., Inc., F.W., 1-3-20-23	230 Fifth Ave, New York 16	NY
Permaluster, Inc., 1	2012 W Burbank Blvd. Burbank	Cal
Philips Elmet Corp., 9-12-16-22	Lisbon Rd. Lewiston	Me
Pix Mfg. Co., Inc., 9	75 Hudson St, Newark	NJ
Plastic Wire & Cable Corp., 4	Jewett City	Conn
Pyrometric Co. of America, Inc., 15	600 E Lincoln Hwy. Penndel	Pa
Rea Magnet Wire Co., Inc., 1-4-9	3610 E. Pontiac St, Fort Wayne	Ind
REMBAR CO. INC., THE, 3-12-20-22, Adv Pg 543	67 Main St. Dobbs Ferry	NY
Republic Steel Corp., 17-19	Republic Bldg. Cleveland 1	Ohio
Reynolds Metals Co., 1	P.O. Box 2346 ZE, Richmond 18	Va
Rhode Island Insulated Wire Co., 4	50 Burnham Ave, Cranston	RI
Riverside-Alloy Metal Div., H.K. Porter., Inc., 2-6-9-13-14-17-19	1 Pavilion Ave, Riverside	NJ
ROHN MANUFACTURING CO., 17, Adv Pg 117	Box 2000, Peoria	Ill
Rome Cable Div of Alcoa, 1-4-8	Ridge St, Rome	NY
Ross Co., Milton, 9	299 Jacksonville Rd. Hatboro	Pa
Runzel Cord & Wire Co., 4-8	4723 W. Montrose Ave, Chicago 41	Ill
Ryerson & Son, Inc., J.T., 1-17-19	2558 W. 16th St, Chicago 8	Ill
Saxton Products, Inc., 1-4-8	4320 Park Ave. Bronx 57	NY
SECON METALS CORP., 1-2-3-4-5-9-11-14-15-16-19, Adv Pg 412	7 Intervale St. White Plains	NY
Semi-Alloys Inc., 1-2-3-4-5-6-7-8-9-10-11-12-14-15-16-17-18-19-20-21-22-23	20 McQuesten Pkwy. N, Mt. Vernon	NY
South River Metal Products Co., Inc., 1	377 Turnpike, South River	NJ
Southwire Co., 1-4-17-18	4 Fertilla St, Carrollton	Ga
Standard Metals Corp., 5-7-11-16	Broad & Whiting St. North Attleboro	Mass
Sylvania Electric Prods Inc. Chem & Metallurgical Div., 9-12-22	Towanda	Pa
Sylvania Electric Products Inc. Parts Div., 1-2-5-6-7-9-10-11-13-14-15-16-18-19	12 2nd Ave. Warren	Pa
Techalloy Co. Inc., 19	Rahns	Pa
Tevco Insulated Wire, 1-8-9	108 E Prospect Ave. Burbank	Cal
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., 3-5-6-7-9-10-11-15-16-17-18-19-20-23, Adv Pg 81	34 Forest St. Attleboro	Mass
Times Wire & Cable Div. Intl Silver Co., 7	358 Hall Ave. Wallingford	Conn
Tricon Mfg Co., 11-15-16	8012 S Wallace St. Chicago 20	Ill
Unique Wire Weaving Co. Inc., 9	759 Ramsey Ave. Hillside	NJ
United Min. & Chem. Corp., 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-23-23	16 Hudson St. New York 13	NY
U.S. Steel Corp., 6-9-17-18-19	525 Wm Penn Pl, Pittsburgh 30	Pa
United Wire & Supply Corp., 1-4	1497 Elmwood Ave, Providence 7	RI
Var-Lac-Oid Chemical Co., 1-3-11-12-15-16-20-21-22-23	116 Broad St. New York 4	NY
Viking Wire Co., Inc., 4	100 Shelter Rock Rd, Danbury	Conn
Wah Chang Corp., 1-3-12-20-22-23	233 Broadway, New York 7	NY
Waltham Precision Instrument Co., 9	221 Crescent St. Waltham 54	Mass
Warren Wire Co., 4-7-8	Pownal	Vt
Western Gold & Platinum Co. Sub. Wilbur B. Driver Co., 9-11-15-16	525 Harbor Blvd. Belmont	Cal
Westinghouse-Lamp Div., 9-10-12-22	Bloomfield	NJ
Wildberg Bros. Smelting & Refining Co., 11-15-16	349 Butler Ave. S San Francisco	Cal
WILKINSON CO., 1-4-11-15-16, Adv Pg 180	1660 9th St. Santa Monica	Cal
Williams Gold Refining Co., Inc., 9-11-15-16	2978 Main St. Buffalo 14	NY
Wright Steel & Wire Co., G.F., 17	245 Stafford St, Worcester	Mass

WIRE –CABLED See CABLE ASSEMBLIES: CABLE: HARNESSES
WIRE CLOTH See FABRICS –WOVEN WIRE

WIRE –CUT & STRIPPED

A-K Mfg. Co. Inc.	412 S Hager Ave. Barrington	Ill
ALPHA WIRE CORP., Adv Pg 246	200 Varick St. New York 14	NY
AMERICAN ELECTRONIC WIRE & CABLE, Adv Pg 18	120 S Hewitt St. Los Angeles	Cal
Apex Wire & Cable Corp.	237 37 St. Brooklyn 32	NY
BIRNBACH RADIO CO. INC., Adv Pg 529	145 Hudson St. New York 13	NY
Cadre Industries Corp.	Box 150, Endicott	NY
Calcon Mfg. Co.	100 Oakland Ave. Washington	Pa
Carol Cable Div., Crescent Co., Inc	20 Central Ave, Pawtucket	RI
Carpenter Mfg Co. Inc.	Highbridge Rd. Dewitt 14	NY
COLUMBIA WIRE & SUPPLY CO., Adv Pg 478	2850 Irving Park Rd. Chicago	Ill
Command Systems Inc.	1135 N Stanford Ave. Los Angeles 59	Cal
Electronic Production & Development, Inc.	521 N Prairie Ave. Hawthorne	Cal
Electropac, Inc	82 Union St, Peterborough	NH
Empire Electronics Co., Inc	61 Spruce St, Paterson 1	NJ
General Insulated Wire Inc.	69 Gordon Ave, Providence 5	RI
Holyoke Wire & Cable Co.	720 Main St, Holyoke	Mass
Judd Wire Mfg Corp.	22 Ave. A, Turners Falls	Mass
Loral Electronics Corp	825 Bronx River Ave. New York 72	NY
Mercury Engineering Corp	137 E. Cottage Pl, York	Pa
Mohawk Wire & Cable Corp.	320 River St, Fitchburg	Mass
NESOR ALLOY PRODUCTS CO., Adv Pg 542	666 Passaic Ave. West Caldwell	NJ
Pacific Electricord Co.	747 W Redondo Beach Blvd. Gardena	Cal
PARAPLEGICS MFG CO. INC Adv Pg 476	304 N York Rd. Bensenville	Ill
PHILADELPHIA INSULATED WIRE CO., Adv Pg 11	333 New Albany Rd. Moorestown	NJ
Pix Mfg. Co., Inc	75 Hudson St, Newark	NJ
Radix Wire Co	26260 Lakeland Blvd, Cleveland 32	Ohio
Rhode Island Insulated Wire Co	50 Burnham Ave, Cranston	RI
ROYAL ELECTRIC CORP., Adv Pg 108	95 Grand Ave. Pawtucket	RI
Runzel Cord & Wire Co	4723 W Montrose Ave, Chicago 41	Ill
Saxton Products, Inc	4320 Park Ave, Bronx 57	NY
Semi-Alloys Inc.	20 McQuesten Pkwy. N, Mt. Vernon	NY
Speed Electronics Inc	177 Mill Ln, Mountainside	NJ
SURPRENANT MFG CO., Adv Pg 477	Clinton	Mass
Tevco Insulated Wire	198 E Prospect Ave. Burbank	Cal
Thermax Wire Corp	304 E. 45 St, New York 17	NY
United Mineral & Chemical Corp.	16 Hudson St, New York 13	NY
Vector Associates Inc	139-30 34th Rd. Flushing 54	NY
Virginia Electronics Co., Inc	5200 River Rd, Washington 16	DC
Warner Components Co., El-Tronics	Lewis St, Warren	Pa
WILKINSON CO., Adv Pg 180	1660 9th St. Santa Monica	Cal
Wire Stripper Co	1722 Eastham Ave, East Cleveland 12	Ohio

WIRE-CUTTING MACHINES See MACHINES –WIRE-PROCESSING
WIRED PAGING SYSTEMS See PAGING SYSTEMS
WIRE –FINE WIRE SPECIALTIES See TUBE PARTS: WIRE –RESISTANCE: WIRE –BARE
WIRE –FUSE See WIRE –RESISTANCE
WIRE –GLASS-SEALING See WIRE –BARE, GLASS-SEALING
WIRE –GUY See WIRE –BARE, STEEL
WIRE HARNESSES See HARNESSES –WIRE: CABLE ASSEMBLIES

WIRE –HIGH-TEMPERATURE

1. ALUMINUM-OXIDE INSULATED
2. ASBESTOS-INSULATED
3. CERAMIC-INSULATED
4. GLASS-INSULATED
5. MICA-INSULATED
6. SILICONE-INSULATED

Aero Research Instrument Co., 3	315 N Aberdeen St, Chicago 7	Ill
AMERICAN ELECTRONIC WIRE & CABLE, 2-3-4-5-6, Adv Pg 18	120 S Hewitt St. Los Angeles	Cal
American Steel & Wire Div. USS., 2-4-6	Rockefeller Bldg. Cleveland 13	Ohio
AMERICAN SUPER-TEMPERATURE WIRES INC., 4-5-6, Adv Pg 188	8 W Canal St. Winooski	Vt
Anaconda Wire & Cable Co., 2-4-6	25 Broadway, New York 4	NY
Bache & Co., Semon, 4	636 Greenwich St, New York 14	NY
BIRNBACH RADIO CO. INC., 4-6, Adv Pg 529	145 Hudson St. New York 13	NY
Boston Insulated Wire & Cable Co., 1-4-5-6	63 Bay St, Boston 25	Mass
Bram Metallurgical Chemical Co., 1-4	8 S 65 Ave, Philadelphia 26	Pa
Carol Cable Div., Crescent Co, Inc., 2	20 Central Ave, Pawtucket	RI
CINCIL CORP., 6, Adv Pg 56	13833 Saticoy St. Van Nuys	Cal
COLEMAN WIRE & CABLE CO., 2-4-6, Adv Pg 521	1911 N River Rd. River Grove	Ill
COLUMBIA WIRE & SUPPLY CO., 2-3-4-5-6, Adv Pg 478	2850 Irving Park Rd. Chicago 18	Ill
CONSOLIDATED REACTIVE METALS INC., 3-4-6, Adv Pg 551	116 Hoyt St. Mamaroneck	NY
Consolidated Wire & Associated Cos., 2-3-4-5-6	1635 S Clinton St, Chicago 16	Ill
Continental Sensing, Inc., 1-3	1950 N Ruby St, Melrose Park	Ill
Continental Wire Sales Corp., 2-4-5-6	P.O. Box 366, Wallingford	Conn
Dielectric Materials Co., 4-5	5315-17 N. Ravenswood, Chicago	Ill
Driver-Harris Co., 3-4-6	202 Middlesex St, Harrison 13	NJ
DRIVER CO., WILBUR B., 4, Adv Pg 275	1875 McCarter Hwy. Newark 4	NJ
Electric Autolite Co., 2	Champlain St, Toledo 1	Ohio
Electric Autolite Co. Wire & Cable Div., 4-6	3529-24th St, Port Huron	Mich
Essex Wire Corp. Magnet Wire Div., 4-6	1601 Wall St, Fort Wayne	Ind
Essex Wire Corp. Wire & Cable Div., 2-4-6	2610 S Adams, Marion	Ind
General Cable Corp., 1-2-3-4-5-6	730 3rd Ave, New York 17	NY
General Electric Co. Lamp Metals & Components Dept., 3	21800 Tungsten Rd. Cleveland 17	Ohio
GENERAL ELECTRIC CO. WIRE & CABLE DEPT., 2-6, Adv Pg 7	1285 Boston Ave. Bridgeport 2	Conn
General Insulated Wire Works, Inc., 2	69 Gordon Ave, Providence 5	RI
Gladding, McBean & Co., 1-2	1551 S Primrose St. Monrovia	Cal
HITEMP WIRES CO. DIV. SIMPLEX WIRE & CABLE CO., 3-6, Adv Pg 440	1200 Shames Dr. Westbury	NY
Holyoke Wire & Cable Corp., 4-6	720 Main St, Holyoke	Mass
LEWIS ENGINEERING CO., 1-2-4-6 Adv Pg 482	52 Rubber Ave. Naugatuck	Conn
McMillan Industrial Corp., 5	Brownville Ave. Ipswich	Mass
Miller Electric Co., 2	120 Main St. Pawtucket	RI
Molecu-Wire Corp., 4	Rte 537, Scobeyville	NJ
New England Electrical Works, Inc., 4	365 Main St, Lisbon	NH
Okonite Co., 2-4-6	1561 Canal St, Passaic	NJ
Pacific Electricord Co., 3-6	747 W Redondo Beach Blvd. Gardena	Cal
Packard Electric Div. GMC, 4-6	312 Dana Ave. Warren	Ohio
Permaluster, Inc., 1	2012 W Burbank Blvd. Burbank	Cal
PHILADELPHIA INSULATED WIRE CO., 2-4, Adv Pg 11	333 New Albany Rd. Moorestown	NJ
Plastoid Corp., 2-4-6	42-61 24 St, Long Island City 1	NY
Pyrometer Co. of America, Inc., 1-2-4	600 E Lincoln Hwy. Penndel	Pa
RF PRODUCTS DIV. AMPHENOL-BORG ELECTRONICS CORP., 6, Adv Pg 204	33 E Franklin St. Danbury	Conn
Radix Wire Co., 2-4	26260 Lakeland Blvd. Cleveland 32	Ohio
Revere Corp. of America Sub Neptune Meter Co., 2-4-6	Wallingford 2	Conn
Rhode Island Insulated Wire Co., 2-4-6	50 Burnham Ave, Cranston	RI
Rockbestos Wire & Cable Co. Div. Cerro Corp., 2-4-5-6	Nicoll & Canner Sts. New Haven 4	Conn
Rome Cable Div. of Alcoa, 4-6	Ridge St. Rome	NY
ROYAL ELECTRIC CORP., 2-4-6, Adv Pg 108	95 Grand Ave. Pawtucket	RI
SECON METALS CORP., 3, Adv Pg 412	7 Intervale St. White Plains	NY
Smith Mfg. Co., Inc., E.C., 1-3	Forrest & Hector Sts, Conshohocken	Pa
SURPRENANT MFG CO., 6, Adv Pg 477	Clinton	Mass
Thermax Wire Corp., 3-4	304 E. 45 St, New York 17	NY
Thermo Electric Co. Inc., 1-2-3-4	109 5th St. Saddle Brook	NJ
Topper Mfg Co. Inc., 1-2-3	84-56 Parsons Blvd. Jamaica 32	NY
Viking Wire Co., Inc., 6	100 Shelter Rock Rd. Danbury	Conn
Warren Wire Co., 3-6	Pownal	Vt
Welcraft Products Co, Inc., 6	New Carlisle	Ind
Western Insulated Wire Co., 2	2425 E 30th St. Los Angeles 58	Cal
Wirecraft Products, Inc., 4	Rt 9, West Brookfield	Mass

WIRE –HIGH-VOLTAGE, INSULATED

1. SHIELDED 2. UNSHIELDED

ALPHA WIRE CORP., 1-2, Adv Pg 246	200 Varick St. New York 14	NY
AMERICAN ELECTRONIC WIRE & CABLE, 1-2, Adv Pg 18	120 S Hewitt St. Los Angeles	Cal
American Steel & Wire Div., USS, 1-2	Rockefeller Bldg, Cleveland 13	Ohio
AMERICAN SUPER-TEMPERATURE WIRES INC., 1-2, Adv Pg 188	8 W Canal St. Winooski	Vt
Anaconda Wire & Cable Co., 1-2	25 Broadway, New York 4	NY
Atlantic Wire & Cable Corp., 1-2	119-14 14 Rd, College Point	NY
BIRNBACH RADIO CO. INC., 1-2, Adv Pg 529	145 Hudson St. New York 13	NY
Boston Insulated Wire & Cable Co., 1-2	63 Bay St, Boston 25	Mass
Brand, William-Rex Div., 1-2	46 Sudbury Rd, Concord	Mass
Cable Electric Products, 1-2	236 Dobell St. Providence	RI
Carol Cable Div., Crescent Co., Inc., 1-2	20 Central Ave, Pawtucket	RI
Carolina Industrial Plastics Co., 1-2	Mt Airy	NC
CHESTER CABLE CORP., 1-2, Adv Pg 320	Hill St. Chester	NY
COLEMAN WIRE & CABLE CO., 1-2, Adv Pg 521	1911 N River Rd. River Grove	Ill
COLUMBIA WIRE & SUPPLY CO., 1-2, Adv Pg 478	2850 Irving Park Rd. Chicago	Ill
Consolidated Wire & Associated Cos., 1-2	1635 S. Clinton St, Chicago 16	Ill
Continental Wire Sales Corp., 1-2	P.O. Box 366, Wallingford	Conn
Cornish Wire Co., 1-2	50 Church St, New York 7	NY
Dielectric Materials Co., 1-2	5315-17 N. Ravenswood, Chicago	Ill
Electric Autolite Co. Wire & Cable Div., 1-2	3529-24th St. Port Huron	Mich
Essex Wire Corp., Wire & Cable Div., 1-2	2610 S. Adams, Marion	Ind
General Cable Corp., 1-2	730 Third Ave, New York 17	NY
GENERAL ELECTRIC CO. WIRE & CABLE DEPT., 1-2, Adv Pg 7	1285 Boston Ave. Bridgeport 2	Conn
General Insulated Wire Works, Inc., 1-2	69 Gordon Ave, Providence 5	RI
Gore & Assoc. Inc., W.L., 1-2	555 Paper Mill Rd, Newark	Del
Haveg Industries Inc., 1-2	900 Greenbank Rd, Wilmington 8	Del
Holyoke Wire & Cable Corp., 1-2	720 Main St, Holyoke	Mass
Inso Electronic Products Inc., 1-2	1200 Commerce Ave, Union	NJ
Jefferson Wire & Cable Corp., 1-2	Pleasant Valley Rd, Sutton	Mass
Judd Wire Mfg Corp., 1-2	22 Ave. A, Turners Falls	Mass
Lenz Electric Mfg. Co., 1-2	1751 N. Western Ave, Chicago 47	Ill
LEWIS ENGINEERING CO., 1-2, Adv Pg 482	52 Rubber Ave. Naugatuck	Conn
Mohawk Wire & Cable Corp., 1-2	320 River St, Fitchburg	Mass
National Wire & Cable Corp., 1-2	136 San Fernando Rd. Los Angeles 31	Cal
NESOR ALLOY PRODUCTS CO., 1, Adv Pg 542	666 Passaic Ave. West Caldwell	NJ
Okonite Co., 1-2	1561 Canal St. Passaic	NJ
Pacific Electricord Co., 2	747 W Redondo Beach Blvd. Gardena	Cal
Packard Electric Div., General Motors Corp., 1-2	312 Dana Ave, Warren	Ohio
Phalo Plastics Corp., 1-2	530 Boston Tpke, Shrewsbury	Mass
PHELPS DODGE COPPER PRODUCTS CORP., 1-2, Adv Pg 165	300 Park Ave. New York 22	NY
PHILADELPHIA INSULATED WIRE CO., 1-2, Adv Pg 11	333 New Albany Rd. Moorestown	NJ
Plastic Wire & Cable Corp., 1-2	Jewett City	Conn
Plastoid Corp., 1-2	42-61 24 St, Long Island City 1	NY
RF PRODUCTS DIV. AMPHENOL-BORG ELECTRONICS CORP., 1-2, Adv Pg 204	33 E Franklin St. Danbury	Conn
Radix Wire Co., 1	26260 Lakeland Blvd, Cleveland 32	Ohio
Raychem Corp., 1-2	Oakside at Northside, Redwood City	Cal
Rhode Island Insulated Wire Co., 1-2	50 Burnham Ave, Cranston	RI
Rockbestos Wire & Cable Co. Div. Cerro Corp, 1-2	Nicoll & Canner Sts. New Haven 4	Conn
Rome Cable Div of Alcoa, 1-2	Ridge St, Rome	NY
Saxton Products, Inc., 1-2	4320 Park Ave, Bronx 57	NY
Sequoia Wire & Cable Co., Sub., Anaconda Wire & Cable Co., 1-2	2201 Bay Rd, Redwood City	Cal
SPECTRA-STRIP WIRE & CABLE CORP., 1-2, Adv Pg 506	Box 415, Garden Grove	Cal
Superior Cable Corp., 1-2	P.O. Box 490-A, Hickory	NC
SURPRENANT MFG CO., 1-2, Adv Pg 477	Clinton	Mass
TENSOLITE INSULATED WIRE CO., INC., 1-2 Adv Pg 293	W. Main St. Tarrytown	NY
Tevco Insulated Wire, 1-2	198 E. Prospect Ave, Burbank	Cal
Times Wire & Cable Div. Intl Silver Co., 1-2	358 Hall Ave, Wallingford	Conn
U. S. Wire & Cable Corp., 1-2	Progress & Monroe Sts. Union	NJ
Victor Electric Wire & Cable Corp., 1-2	618 Main St, West Warwick	RI
Warren Wire Co., 1	Pownal	Vt
Western Insulated Wire Co., 1-2	2425 E. 30 St, Los Angeles 58	Cal
Whitaker Cable Corp., 1-2	Kansas City 16	Mo

WIRE –HOOKUP, INSULATED

1. COTTON
2. COTTON OVER PLASTIC
3. GLASS OVER PLASTIC
4. KEL-F (FLUOROCARBON)
5. NYLON
6. NYLON OVER PLASTIC
7. PLASTIC (GENERAL-PURPOSE, BRAID, SOLID, OR WRAP)
8. POLYETHYLENE
9. POLYVINYLCHLORIDE
10. SHIELDED
11. SILICONE RUBBER
12. SILK
13. TEFLON (FLUOROCARBON)

See Also WIRE –HIGH TEMPERATURE

A-K Mfg. Co. Inc., 1-2-3-7-8-9-10	412 S Hager Ave. Barrington	Ill
ALPHA WIRE CORP., 1-2-3-5-6-7-8-9-10-11-13, Adv Pg 246	200 Varick St. New York 14	NY
American Electric Cable Co., 1-2-3-5-6-7-8-9-10-13	183 Appleton St, Holyoke	Mass
AMERICAN ELECTRONIC WIRE & CABLE, 1-2-3-4-5-6-7-8-9-10-11-12-13, Adv Pg 18	120 S Hewitt St. Los Angeles	Cal
American Steel & Wire Div. USS., 1-2-3-4-5-6-7-8-9-10-11-12-13	Rockefeller Bldg. Cleveland 13	Ohio
AMERICAN SUPER-TEMPERATURE WIRES INC., 3-5-6-7-8-9-10-11-13, Adv Pg 188	8 W Canal St. Winooski	Vt
Anaconda Wire & Cable Co., 1-2-3-5-6-7-8-9-10-11-12-13	25 Broadway, New York 4	NY
Apex Wire & Cable Corp., 2-3-7	237 37 St. Brooklyn 32	NY
Atlantic Wire & Cable Corp., 1-2-3-8-9-10	119-14 14 Rd, College Point	NY
BELDEN MFG. CO., 1-2-5-6-7-8-9-10-11-12-13 Adv Pg 107	415 S Kilpatrick, Chicago 44	Ill
BIRNBACH RADIO CO. INC., 1-2-3-4-5-6-7-8-9-10-11-13 Adv Pg 529	145 Hudson St. New York 13	NY
Boston Insulated Wire & Cable Co., 8-9-10-11-13	63 Bay St. Boston 25	Mass
Bram Metallurgical Chemical Co., 5-9	8 S 65 Ave. Philadelphia 26	Pa
Brand, William-Rex Div., 2-3-5-6-7-8-9-10-13	46 Sudbury Rd, Concord	Mass
Cable Designs, Inc., 10-13	66 Rushmore St. Westbury	NY
Cable Electric Products, 1-2-7-8-9-10-11	236 Dobell St. Providence	RI
Calcon Mfg. Co., 7-8-9-10	100 Oakland Ave. Washington	Pa
Carol Cable Div., Crescent Co., Inc., 7	20 Central Ave, Pawtucket	RI
Carolina Industrial Plastics Co., 5-6-7-8-9-10	Mt Airy	NC
CHESTER CABLE CORP., 2-3-5-6-7-8-9-10-13, Adv Pg 320	Hill St. Chester	NY
Cimco Wire & Cable Co., 13	301 Crescent Ave, Allendale	NJ
COLEMAN WIRE & CABLE CO., 1-2-3-4-5-6-7-8-9-10-11-12-13, Adv Pg 521	1911 N River Rd. River Grove	Ill
COLUMBIA WIRE & SUPPLY CO., 1-2-3-4-5-6-7-8-9-10-11-12-13, Adv Pg 478	2850 Irving Park Rd. Chicago 18	Ill
Consolidated Wire & Associated Cos., 1-2-3-4-5-6-7-8-9-10-11-12-13	1635 S. Clinton St, Chicago 16	Ill
Continental Wire Sales Corp., 2-3-5-6-7-8-9-10-11-13	Box 366, Wallingford	Conn
Cornish Wire Co., 1-2-3-7-8-9-10	50 Church St, New York 7	NY
Crystal-X Corp., 13	433 Lenni Rd, Lenni Mills 2	Pa
Dielectric Materials Co., 1-2-3-4-5-6-7-8-9-10-11-13	5315-17 N Ravenswood Ave, Chicago 40	Ill
Eagle Electric Mfg. Co., Inc., 7	23-10 Bridge Plaza S., L.I. City	NY
Electric Autolite Co. Wire & Cable Div., 1-2-3-4-5-6-7-8-9-10-11-13	3529-24th St. Port Huron	Mich
Essex Wire Corp. Wire & Cable Div., 1-2-3-5-6-7-8-9-10-11-12	2610 S Adams, Marion	Ind
Ethylene Corp., 13	245 Broad St, Summit	NJ
Gavitt Wire & Cable Co., 2-3-5-6-7-8-9-10-13	Central St, Brookfield	Mass
General Cable Corp., 1-2-5-6-7-8-9-10-13	730 3rd Ave. New York 17	NY
GENERAL ELECTRIC CO. WIRE & CABLE DEPT., 2-3-5-6-7-8-9-10-11-13, Adv Pg 7	1285 Boston Ave. Bridgeport 2	Conn
General Insulated Wire Works, Inc., 1-7-9-10	69 Gordon Ave, Providence 5	RI
Gore & Assoc. Inc., W.L., 10-13	555 Paper Mill Rd, Newark	Del
HALLICRAFTERS CO., 3-4-5-6-13, Adv Pg 385	4401 W 5th St. Chicago 24	Ill
Halogen Insulator & Seal Corp., 4-13	9901 Pacific Ave, Franklin Park	Ill
Haveg Industries Inc., 3-6-10-11-13	900 Greenbank Rd, Wilmington 8	Del
HITEMP WIRES CO. DIV. SIMPLEX WIRE & CABLE CO., Adv Pg 440	1200 Shames Dr. Westbury	NY
Holyoke Wire & Cable Corp., 1-2-3-5-6-7-8-9-10-11-13	720 Main St, Holyoke	Mass
Inso Electronic Products Inc., 4-13	1200 Commerce Ave, Union	NJ
Jefferson Wire & Cable Corp., 1-2-3-5-6-7-8-9-10	Pleasant Valley Rd, Sutton	Mass
Judd Wire Mfg. Corp., 2-3-5-6-7-8-9-10-11	22 Ave A, Turners Falls	Mass
Lenz Electric Mfg. Co., 1-2-3-5-6-7-8-10	1751 N Western Ave. Chicago 47	Ill
LEWIS ENGINEERING CO., 5-6-9-10-11-13 Adv Pg 482	52 Rubber Ave. Naugatuck	Conn
MARKEL & SONS, L. FRANK, 4-10-13, Adv Pg 558	School House La. Norristown	Pa
Miller Electric Co., 2-7-8-9	120 Main St, Pawtucket	RI
Mohawk Wire & Cable Corp., 5-6-7-8-9-10	320 River St, Fitchburg	Mass
National Wire & Cable Corp., 2-3-5-6-7-8-9-10-13	136 San Fernando Rd. Los Angeles 31	Cal
New England Electrical Works, Inc., 1-12	365 Main St, Lisbon	NH
Pacific Electricord Co., 2-3-5-7-8-9-10-11	747 W Redondo Beach Blvd. Gardena	Cal
Packard Electric Div. GMC, 1-2-3-4-5-6-7-8-9-10-11-13	312 Dana Ave, Warren	Ohio
Pennsylvania Fluorocarbon Co. Inc., 13	1115 N 38th St, Philadelphia 4	Pa
Phalo Plastics Corp., 1-2-3-5-6-7-8-9-10	530 Boston Tpke, Shrewsbury	Mass
PHILADELPHIA INSULATED WIRE CO., 1-2-3-6-7-8-9-10-12-13, Adv Pg 11	333 New Albany Rd. Moorestown	NJ
Plastic Wire & Cable Corp., 3-5-6-7-8-9-10	Jewett City	Conn
Plastoid Corp., 1-2-3-5-6-7-8-9-10-11-12-13	42-61 24 St. Long Island City 1	NY
RF PRODUCTS DIV. AMPHENOL-BORG ELECTRONICS CORP., 4-5-6-8-9-10-13, Adv Pg 204	33 E Franklin St. Danbury	Conn
Radix Wire Co., 1-2-3-7-8-9-10-13	26260 Lakeland Blvd. Cleveland 32	Ohio
Raychem Corp., 8-10	Oakside at Northside, Redwood City	Cal
Rea Magnet Wire Co. Inc., 1	3610 E Pontiac St, Fort Wayne	Ind
Rego Insulated Wire Co., 7-10	830 Monroe St, Hoboken	NJ
Rhode Island Insulated Wire Co., 1-2-3-6-7-8-9-10-11	50 Burnham Ave. Cranston	RI
Rockbestos Wire & Cable Co. Div. Cerro Corp., 3-6-7-8-9-10-11-13	Nicoll & Canner Sts. New Haven 4	Conn
Rockland Insulated Wire & Cable Co., 7-9-10	36 Main St, Haverstraw	NY
Rome Cable Div. of Alcoa, 1-2-3-5-6-7-8-9-10-11-12	Ridge St. Rome	NY
Runzel Cord & Wire Co., 1-2-3-7-10-12	4723 W Montrose Ave. Chicago 41	Ill
Saxton Products, Inc., 8-9-10	4320 Park Ave, Bronx 57	NY
Sequoia Wire & Cable Co., Sub., Anaconda Wire & Cable Co., 3-5-6-7-8-9-10-13	2201 Bay Rd, Redwood City	Cal
Southwire Co., 5-6-7-8-9	4 Fertilla St, Carrollton	Ga

SPECTRA-STRIP WIRE & CABLE CORP., 6-7-9-10, Adv Pg 506	Box 415, Garden Grove	Cal
Standard Tel. & Cables Ltd., 6-7-8-9-10	29 Gladstone Yard, London	Eng
Superior Cable Corp., 2-3-5-6-7-8-9-10-13	Box 48-A, Hickory	NC
Superior Insulated Wire Co., 1-2-7-8-9-10	Washburn's Ln, Stony Point	NY
SURPRENANT MFG CO., 3-4-5-6-7-8-9-10-11-13, Adv Pg 477	Clinton	Mass
TENSOLITE INSULATED WIRE CO. INC., 9-10-13	W Main St. Tarrytown	NY
Tevco Insulated Wire, 5-6-7-8-9-10	104 E Prospect Ave. Burbank	Cal
Thermal Wire of America, 13	Keeler's Bay, South Hero	Vt
Thermax Wire Corp., 3-10-13	304 E. 45 St. New York 17	NY
Thermo Electric Co. Inc., 3-6-8-9-10	109 5th St. Saddle Brook	NJ
Times Wire & Cable Div. Intl Silver Co., 5-6-7-8-9-10-13	358 Hall Ave. Wallingford	Conn
Tooper Mfg Co. Inc., 7-13	84-56 Parsons Blvd. Jamaica 32	NY
U. S. Wire & Cable Corp., 8-9-10	Progress & Monroe Sts. Union	NJ
Victor Electric Wire & Cable Corp., 6-7-8-9-10	618 Main St. West Warwick	RI
Warren Wire Co., 13	Pownal	Vt
Welcraft Products Co. Inc., 5-7-9-10-11	New Carlisle	Ind
Western Insulated Wire Co., 10	2425 E 30th St. Los Angeles 58	Cal
Whitaker Cable Corp., 1-2-3-5-6-7-9-10	Kansas City 16	Mo
Wirecraft Products, Inc., 10-13	Rt 9, West Brookfield	Mass

WIRE-IDENTIFYING LABELS See LABELS
WIRELESS INTERCOMMUNICATION SYSTEMS See INTERCOMMUNICATION SYSTEMS
WIRELESS MICROPHONES See MICROPHONES -*WIRELESS*
WIRE-LINE CARRIER SYSTEMS See COMMUNICATION SYSTEMS

WIRE -*LINE-CORD*

ALPHA WIRE CORP., Adv Pg 246	200 Varick St. New York 14	NY
AMERICAN ELECTRONIC WIRE & CABLE, Adv Pg 18	120 S Hewitt St. Los Angeles	Cal
American Steel & Wire Div. USS	Rockefeller Bldg. Cleveland 13	Ohio
Anaconda Wire & Cable Co	25 Broadway, New York 4	NY
BELDEN MFG. CO., Adv Pg 107	415 S Kilpatrick, Chicago 44	Ill
BIRNBACH RADIO CO. INC., Adv Pg 529	145 Hudson St. New York 13	NY
Cable Electric Products	236 Dobell St. Providence	RI
Calcon Mfg. Co	101 Oakland Ave. Washington	Pa
Carol Cable Div., Crescent Co., Inc	20 Central Ave, Pawtucket	RI
CHESTER CABLE CORP., Adv Pg 320	Hill St. Chester	NY
COLEMAN WIRE & CABLE CO., Adv Pg 521	1911 N River Rd. River Grove	Ill
COLUMBIA WIRE & SUPPLY CO., Adv Pg 478	2850 Irving Park Rd. Chicago	Ill
Consolidated Wire & Associated Cos	1635 S. Clinton St, Chicago 16	Ill
Cornish Wire Co	50 Church St, New York 7	NY
Eagle Electric Mfg. Co., Inc	23-10 Bridge Plaza S., L.I. City	NY
Essex Wire Corp. Wire & Cable Div	2610 S Adams, Marion	Ind
General Insulated Wire Works, Inc	65 Gordon Ave, Providence 5	RI
Holyoke Wire & Cable Corp	720 Main St, Holyoke	Mass
Miller Electric Co	170 Main St, Pawtucket	RI
Pacific Electricord Co	747 W Redondo Beach Blvd. Gardena	Cal
Plastic Wire & Cable Corp	Jewett City	Conn
Page Insulated Wire Co	100 Monroe St, Hoboken	NJ
Rhode Island Insulated Wire Co	50 Burnham Ave, Cranston	RI
Southwire Co	4 Fertilla St, Carrollton	Ga
Superior Insulated Wire Co	Washburn's Ln, Stony Point	NY
Welcraft Products Co. Inc	New Carlisle	Ind

WIRE -*LITZ*

American Electric Cable Co	181 Appleton St, Holyoke	Mass
AMERICAN ELECTRONIC WIRE & CABLE, Adv Pg 18	120 S Hewitt St. Los Angeles	Cal
AMERICAN SUPER-TEMPERATURE WIRES INC., Adv Pg 188	8 W Canal St. Winooski	Vt
BELDEN MFG. CO., Adv Pg 107	415 S Kilpatrick, Chicago 44	Ill
COLEMAN WIRE & CABLE CO., Adv Pg 521	1911 N River Rd. River Grove	Ill
Consolidated Wire & Associated Cos	1635 S. Clinton St, Chicago 16	Ill
GENERAL ELECTRIC CO. WIRE & CABLE DEPT., Adv Pg 7	1285 Boston Ave. Bridgeport 2	Conn
Hudson Wire Co. Magnet Wire Div	Winsted Conn & Cassopolis	Mich
New England Electrical Works, Inc	365 Main St, Lisbon	NH
PHILADELPHIA INSULATED WIRE CO., Adv Pg 11	333 New Albany Rd. Moorestown	NJ
Tooper Mfg. Co., Inc	84-56 Parsons Blvd, Jamaica 32	NY

WIRE -*MAGNET*

1. COTTON-ENAMELED
2. DACRON, POLYESTER
3. ENAMELED
4. FORMVAR
5. FORMVAR & NYLON
6. GLASS-REINFORCED
7. SELF-BONDING
8. SOLDER-STRIPPABLE
9. SQUARE OR RECTANGULAR
10. TEFLON

See Also WIRE -*HIGH TEMPERATURE*

ALPHA WIRE CORP., 6-10, Adv Pg 246	200 Varick St, New York 14	NY
AMERICAN ELECTRONIC WIRE & CABLE, 1-2-3-4-5-6-7-8-9-10, Adv Pg 18	120 S Hewitt St. Los Angeles	Cal
American Leonic Mfg. Co., 3-10	3001 Walnut St. Philadelphia 4	Pa
American Steel & Wire Div. USS, 1-2-3-4-5-6-7-8-9-10	Rockefeller Bldg. Cleveland 13	Ohio
AMERICAN SUPER-TEMPERATURE WIRES INC., 10, Adv Pg 188	8 W Canal St. Winooski	Vt
Anaconda Wire & Cable Co., 1-2-3-4-5-9-10	25 Broadway, New York 4	NY
BELDEN MFG. CO., 1-2-3-4-5-6-7-9-10, Adv Pg 107	415 S Kilpatrick, Chicago 44	Ill
BIRNBACH RADIO CO. INC., 3-4-10, Adv Pg 529	145 Hudson St. New York 13	NY
Brew Metallurgical Chemical Co., 9	824 65 Ave, Philadelphia 26	Pa
Bridgeport Insulated Wire Co., 1-2-3-4-5-6-7-8	57 Brookfield, Bridgeport 8	Conn
Cable Designs, Inc., 10	66 Hudson St, Westbury	NY
COLEMAN WIRE & CABLE CO., 1-2-3-4-5-6-7-8-9-10, Adv Pg 521	1911 N River Rd. River Grove	Ill
CONSOLIDATED REACTIVE METALS INC., 9, Adv Pg 551	116 Hoyt St. Mamaroneck	NY
Consolidated Wire & Associated Cos., 1-2-3-4-5-6-7-8-10	1635 S Clinton St. Chicago 16	Ill
Crown Metal Prods	Box 38, Wyano	Pa
Electric Auto-Lite Co. Wire & Cable Div., 1-2-3-4-5-6-7-8-9	3529-24th St. Port Huron	Mich
Essex Wire Corp. Magnet Wire Div., 1-2-3-4-5-6-7-8-9	1601 Wall St. Fort Wayne	Ind
General Cable Corp., 1-3-4-5-7-10	730 3rd Ave. New York 17	NY
GENERAL ELECTRIC CO. WIRE & CABLE DEPT., 1-2-3-4-5-6-7-8-9-10, Adv Pg 7	1285 Boston Ave. Bridgeport 2	Conn
Halogen Insulator & Seal Corp., 10	9961 Pacific Ave, Franklin Park	Ill
Haveg Industries Inc., 10	900 Greenbank Rd. Wilmington 8	Del
HITEMP WIRES CO. DIV. SIMPLEX WIRE & CABLE CO., 10, Adv Pg 440	1200 Shames Dr. Westbury	NY
Hudson Wire Co. Magnet Wire Div., 1-2-3-4-5-6-7-8	Winsted Conn & Cassopolis	Mich
Isso Electronic Products Inc., 10	1200 Commerce Ave. Union	NJ
A.D. Mackay, Inc., 5-9-10	198 Broadway, New York 38	NY
Metropolitan Telecommunications Corp., 10	Ames Ct. Plainview	NY
National Wire & Cable Corp., 10	136 San Fernando Rd. Los Angeles 31	Cal
New England Electrical Works, Inc., 1-2-3-4-5-6-7-8-9	365 Main St. Lisbon	NH
Okonite Co., 1-2-3	1961 Canal St. Passaic	NJ
Packard Electric Div. GMC, 1-2-3-4-5	312 Dana Ave. Warren	Ohio
Phelps Dodge Copper Products Corp., INCA Mfg. Div., 1-2-3-4-5-6-7-8-9	4400 New Haven Ave, Fort Wayne	Ind
PHILADELPHIA INSULATED WIRE CO., 10, Adv Pg 11	333 New Albany Rd. Moorestown	NJ
Philips Elmet Corp., 3	Lisbon Rd. Lewiston	Me
Rea Magnet Wire Co. Inc., 1-3-4-5-7-8	3610 E Pontiac St. Fort Wayne	Ind
Rome Cable Div of Alcoa, 1-2-3-4-5-6-9	Ridge St, Rome	NY
Runzel Cord & Wire Co., 1	4723 W Montrose Ave. Chicago 41	Ill
Sarton Products, Inc., 2-4-10	4320 Park Ave. Bronx 57	NY
SPECTRA-STRIP WIRE & CABLE CORP., 4-7, Adv Pg 506	Box 415, Garden Grove	Cal
Sprague Electric Co., 10	125 Marshall St, North Adams	Mass
Sylvania Electric Products Inc. Parts Div., 9	12 2nd Ave. Warren	Pa
TENSOLITE INSULATED WIRE CO. INC., 10, Adv Pg 293	W Main St. Tarrytown	NY
Thermal Wire of America, 10	Keeler's Bay, South Hero	Vt
Viking Wire Co., Inc., 2-3-4-5-7-8	100 Shelter Rock Rd. Danbury	Conn
Warren Wire Co., 3-4-5-7-10	Pownal	Vt

WIRE -*MAGNETIC RECORDING*

CONSOLIDATED REACTIVE METALS INC., Adv Pg 551	116 Hoyt St. Mamaroneck	NY
Consolidated Wire & Associated Cos	1635 S Clinton St. Chicago 16	Ill
Fidelitone Microwave Inc	6415 N Ravenswood Ave. Chicago 26	Ill
Fort Wayne Metals, Inc	3211 McArthur Dr, Fort Wayne 6	Ind

WIRE-MARKING MACHINES See MACHINES -*WIRE-MARKING*

WIRE-MARKING SERVICES

Acromark Co., The	373 Morrell St, Elizabeth 4	NJ
Actioncraft Products	2 Yennicock Ave, Port Washington	NY
Brady Co., W. H.	727 W Glendale Ave. Milwaukee 12	Wis
COLEMAN WIRE & CABLE CO., Adv Pg 521	1911 N River Rd. River Grove	Ill
GILLIES CO. INC., DUNCAN M., Adv Pg 506	66 Central St. West Boylston	Mass
MARKWIK SALES CORP., Adv Pg 532	31 Saxton Rd. Plainview	NY
Mercury Engineering Corp	337 E Cottage Pl. York	Pa
Redails Electronics	562 Grand Blvd. Westbury	NY
Tooper Mfg Co. Inc	84-56 Parsons Blvd. Jamaica 32	NY
Univox Corp	102 Warren St. New York 7	NY
Westline Products Div., Western Litho. Co	600 E. 2nd St, Los Angeles 54	Cal

WIRE-MEASURING MACHINES See MACHINES -*WIRE-PROCESSING*

WIRE PARTS -*FORMED*

Accurate Spring Mfg. Co	3811 W. Lake St, Chicago	Ill
ART WIRE & STAMPING CO., Adv Pg 409	227 High St. Newark 2	NJ
DKE Electronic Bases Inc	27 Wright St. Newark	NJ
Dudek & Bock Spring & Mfg. Co	4014 W. Grand Ave, Chicago 51	Ill
Eastern Tool & Mfg. Co	1 Montgomery St, Belleville 9	NJ
General Electric Co. Lamp Metals & Components Dept	21800 Tungsten Rd. Cleveland 17	Ohio
GENERAL FINDINGS INC. INDUSTRIAL DIV., Adv Pgs 538, 539	55 School St. Attleboro	Mass
I. E. Manufacturing	3041 Carroll, Chicago 12	Ill
Jones & Roy Co	620 Commercial Ave, Covina	Cal
KAHLE ENGINEERING CO Adv Pg 98	3322 Hudson St. Union City	NJ
King Laboratories, Inc	127 Solar St, Syracuse 1	NY
Mercury Engineering Corp	337 E Cottage Pl. York	Pa
Metal Findings Corp	152 W. 22nd St, New York 11	NY
Mid-West Spring Mfg. Co	4032 S Western Ave. Chicago	Ill
North & Judd Mfg Co	930 E Main St, New Britain	Conn
Pix Mfg. Co., Inc	75 Hudson St, Newark	NJ
Reliable Spring & Wire Forms Co	3167 Fulton Rd. Cleveland 9	Ohio
Semi-Alloys Inc	20 McQuesten Pkwy. N, Mt. Vernon	NY
Sylvania Electric Products Inc., Parts Div	12 Second Ave, Warren	Pa
Washington Mfg. Co., Inc	P.O. Box 770, Washington	Iowa
Winder Aircraft Corp	Dunnellon Air Base, Dunnellon	Fla

WIRE-PROCESSING MACHINES See MACHINES -*WIRE-PROCESSING*
WIRE RECORDERS See RECORDERS -*WIRE*
WIRE REELS -*RETRACTILE* See REELS

WIRE -*RESISTANCE*

1. FILAMENT & HEATER
2. FUSE
3. POTENTIOMETER (PRECISION)
4. RESISTOR, BARE
5. RESISTOR, INSULATED

A. O. I. P., 3	23 Pl. Jeanne d'Arc, Paris 13	Fr
AMERICAN ELECTRONIC WIRE & CABLE, 5, Adv Pg 18	120 S Hewitt St. Los Angeles	Cal
American Leonic Mfg. Co., 1-2-3	3001 Walnut St. Philadelphia 4	Pa
Anaconda American Brass Co., 1-4	414 Meadow St. Waterbury 20	Conn
Armstrong Whitworth Equipment, 3	Hucclecote, Gloucester	Eng
Associated Engineering & Mfg. Corp., 1	Glen Ridge	NJ
Carolina Industrial Plastics Co., 1	Mt Airy	NC
Carpenter Steel Co., Webb Wire Div., 4	New Brunswick	NJ
COHN CORP., SIGMUND, 2-3, Adv Pg 519	121 S Columbus Ave. Mt. Vernon	NY
COLUMBIA WIRE & SUPPLY CO., 5, Adv Pg 478	2850 Irving Park Rd. Chicago 18	Ill
CONSOLIDATED REACTIVE METALS INC., 1-2-3-5, Adv Pg 551	116 Hoyt St. Mamaroneck	NY
Cooper & Sons Inc., Joseph B., 3	180 Varick St. New York 14	NY
DKE Electronic Bases Inc., 1	27 Wright St. Newark	NJ
Driver-Harris Co., 1-4-5	202 Middlesex St. Harrison 13	Pa
DRIVER CO., WILBUR B., 1-3-4-5, Adv Pg 275	1875 McCarter Hwy. Newark 4	NJ
Electronic Parts Mfg. Co., Inc., 1	508-10 25th St, Union City	NJ
Engelhard Industries Inc., 3-4-5	113 Astor St. Newark 2	NJ
General Electric Co., Lamp Metals & Components Dept., 1	21800 Tungsten Rd, Cleveland 17	Ohio
HOSKINS MFG CO., 1-3-4-5, Adv Pg 323	4445 Lawton Ave. Detroit 8	Mich
Hudson Wire Co., 2-3-4	Ossining	NY
Jelliff Mfg. Corp., C.O., 1-2-3-4-5	200 Pequot Ave, Southport	Conn
Kanthal Corp., 3-4-5	Amelia Pl. Stamford	Conn
LEWIS ENGINEERING CO., 5 Adv Pg 482	52 Rubber Ave. Naugatuck	Conn
A.D. Mackay, Inc., 4	198 Broadway, New York 38	NY
Molecu-Wire Corp., 1-2-3-4-5	Rte 537, Smithville	NJ
NESOR ALLOY PRODUCTS CO., 1-2-3-4-5, Adv Pg 542	666 Passaic Ave. West Caldwell	NJ
Philips Elmet Corp., 1	Lisbon Rd. Lewiston	Me
PRECISION RESISTOR CO., 4-5 Adv Pg 55	109 U.S. Hwy. #22, Hillside 5	NJ
Pyrolux Corp., 2	120 S Columbus Ave. Mt Vernon	NY
SECON METALS CORP., 2-3, Adv Pg 412	7 Intervale St. White Plains	NY
Techalloy Co. Inc., 1-4	Rahns	Pa

WIRE STRIPPERS See STRIPPERS -*WIRE*
WIRE TENSIONERS See TENSION DEVICES

WIRE -*THERMOCOUPLE*

Aero Research Instrument Co	315 N. Aberdeen St, Chicago 7	Ill
AMERICAN ELECTRONIC WIRE & CABLE, Adv Pg 18	120 S Hewitt St. Los Angeles	Cal
AMERICAN SUPER-TEMPERATURE WIRES INC., Adv Pg 188	8 W Canal St. Winooski	Vt
Bishop & Co., J., Platinum Works	Malvern	Pa
COHN CORP., SIGMUND, Adv Pg 519	121 S Columbus Ave. Mt. Vernon	NY
COLEMAN WIRE & CABLE CO., Adv Pg 521	1911 N River Rd. River Grove	Ill
CONSOLIDATED REACTIVE METALS INC., Adv Pg 551	116 Hoyt St. Mamaroneck	NY
Continental Sensing, Inc	1950 N Ruby St, Melrose Park	Ill
Driver-Harris Co	202 Middlesex St, Harrison 11	NJ
DRIVER CO., WILBUR B., Adv Pg 275	1875 McCarter Hwy. Newark 4	NJ
Engelhard Industries Inc	113 Astor St. Newark 2	NJ
Foxboro Co., The	Foxboro	Mass
General Cable Corp	730 3rd Ave. New York 17	NY
GENERAL ELECTRIC CO. WIRE & CABLE DEPT., Adv Pg 7	1285 Boston Ave. Bridgeport 2	Conn
HOSKINS MFG CO., Adv Pg 323	4445 Lawton Ave. Detroit 8	Mich
Hudson Wire Co	Ossining	NY
Johnson Matthey & Mallory Ltd	110 Industry St. Toronto 15	Ont
Kanthal Corp	Amelia Pl, Stamford	Conn
Leeds & Northrup Co	4971 Stenton Ave, Philadelphia 44	Pa
LEWIS ENGINEERING CO Adv Pg 482	52 Rubber Ave, Naugatuck	Conn
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Pyrometer Co. of America, Inc	600 E Lincoln Hwy. Penndel	Pa
Pyrometer Instrument Co., Inc	92 Portland Ave, Bergenfield	NJ
Radix Wire Co	26260 Lakeland Blvd, Cleveland 32	Ohio
Rockbestos Wire & Cable Co. Div. Cerro Corp	Nicoll & Canner Sts. New Haven 4	Conn
SECON METALS CORP., Adv Pg 412	7 Intervale St. White Plains	NY
Smith Mfg. Co., Inc., E.C.	Forrest & Hector Sts, Conshohocken	Pa
SURPRENANT MFG CO., Adv Pg 477	Clinton	Mass
TENSOLITE INSULATED WIRE CO., INC Adv Pg 293	W. Main St. Tarrytown	NY
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., Adv Pg 81	34 Forest St. Attleboro	Mass
Thermo Electric Co. Inc	109 5th St. Saddle Brook	NJ
Thermovolt Instruments, Ltd	70 Advance Rd, Toronto 18, Ontario, Canada	
West Instrument Corp	4363 W. Montrose, Chicago 41	Ill
WILKINSON CO., Adv Pg 180	1660 9th St. Santa Monica	Cal
Williams Gold Refining Co., Inc	2978 Main St. Buffalo 14	NY

WIRE -*TINSEL*

AMERICAN ELECTRONIC WIRE & CABLE, Adv Pg 18	120 S Hewitt St. Los Angeles	Cal
Carolina Industrial Plastics Co	Mt Airy	NC
COLEMAN WIRE & CABLE CO., Adv Pg 521	1911 N River Rd. River Grove	Ill
COLUMBIA WIRE & SUPPLY CO., Adv Pg 478	2850 Irving Park Rd. Chicago	Ill
General Cable Corp	730 3rd Ave. New York 17	NY
Hudson Wire Co	Ossining	NY
Montgomery Co	25 Canal Bank, Windsor Locks	Conn
National-Standard Co	Niles	Mich
NESOR ALLOY PRODUCTS CO., Adv Pg 542	666 Passaic Ave. West Caldwell	NJ
ROYAL ELECTRIC CORP., Adv Pg 100	95 Grand Ave. Pawtucket	RI
Steel Heddle Mfg Co	2100 W Allegheny Ave. Philadelphia 32	Pa
SURPRENANT MFG CO., Adv Pg 477	Clinton	Mass
Welcraft Products Co. Inc	New Carlisle	Ind

WIRE TWISTERS

Carolina Industrial Plastics Co	Mt Airy	NC
INDUSTRIAL WINDING MACHINERY CORP., Adv Pg 561	Box 744, Church St. Sta. New York 8	NY
Rush Wire Stripper Div., Eraser Co	1068 S. Clinton St, Syracuse 4	NY

WIRE-WOUND RESISTORS See RESISTORS -*WIRE-WOUND*
WIRE -*WOVEN* See FABRIC PARTS: FABRICS
WIRE-WRAPPING TOOLS See TOOLS -*WIRE-WRAPPING*
WIRING -*PRINTED CIRCUIT* See CIRCUITS -*PRINTED WIRING*

WIRING -*PRINTED FLEXIBLE*

AMERICAN ELECTRONIC WIRE & CABLE, Adv Pg 18	120 S Hewitt St. Los Angeles	Cal
Conductorlab, Inc	Groton	Mass
Dry Screen Process, Inc	1016 Madison Ave. Pittsburgh 12	Pa
GREENE ELECTRONICS INC., Adv Pg 432	1840 Cranston St. Cranston 9	RI
METHODE MFG. CORP Adv Pgs 458, 459	7447 W Wilson Ave. Chicago 31	Ill

Packard Electric Div. GMC	312 Dana Ave. Warren	Ohio
SANDERS ASSOCIATES INC., Adv Pg 300	**95 Canal St. Nashua**	**NH**
SPECTRA-STRIP WIRE & CABLE CORP., Adv Pg 506	**Box 415, Garden Grove**	**Cal**

WOBBULATORS See GENERATORS –*ELECTRONIC*
WOOD BOXES See BOXES
WOOD CABINETS See CABINETS –*WOOD*
WOOD FIBRE See FIBRES
WOOFERS See SPEAKERS
WORK COILS See COILS – *R-F WORK, INDUCTION HEATING*
WOVEN WIRE See FABRICS
WOVEN WIRE PARTS See FABRIC PARTS
WOVEN WIRE TUBING See TUBING –*METALLIC*
WOW METERS See METERS –*WOW & FLUTTER*

WRAPPINGS –*CABLE*

AMERICAN ELECTRONIC WIRE & CABLE, Adv Pg 18	**120 S Hewitt St. Los Angeles**	**Cal**
Anflex Products Dept. Amer. Mach. & Fdry. Co	60 Hope St. Springdale	Conn
BIRNBACH RADIO CO. INC., Adv Pg 529	**145 Hudson St. New York 13**	**NY**
General Cable Corp	730 3rd Ave. New York 17	NY
Illumitronic Engineering Corp	680 E Taylor Ave. Sunnyvale	Cal
Inso Electronic Products Inc	1200 Commerce Ave. Union	NJ
NEWMAN CORP., M. M., Adv Pgs 541, 543	**79 Clifton Ave. Marblehead**	**Mass**
PANDUIT CORP., Adv Pg 552	**17301 Ridgeland Ave. Tinley Park**	**Ill**
SPECTRA-STRIP WIRE & CABLE CORP., Adv Pg 506	**Box 415, Garden Grove**	**Cal**
Taylor Electric Inc	Fisher Rd. Howell	Mich
Titeflex Inc	534 Hendee St. Springfield	Mass
Whitaker Cable Corp	Kansas City 16	Mo
Zippertubing Co	13000 S Broadway, Los Angeles 61	Cal

WWV RECEIVERS See RECEIVERS –*RADIO COMMUNICATION*
X-RAY CAMERAS See CAMERAS –*PHOTOGRAPHIC*

X-RAY DIFFRACTION EQUIPMENT

Baird-Atomic Inc	33 University Rd. Cambridge 38	Mass
General Electric Co., X-Ray Dept	4855 Electric Ave, Milwaukee	Wisc
Hamner Electronics Co., Inc	P.O. Box 531, Princeton	NJ
HARSHAW CHEMICAL CO., Adv Pg 508	**1945 E 97th St. Cleveland 6**	**Ohio**
Jarrell-Ash Co	26 Farwell St. Newtonville	Mass
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Philips Electronic Instruments	750 S. Fulton Ave, Mt. Vernon	NY
Philips' Gloeilampenfabrieken, N.V.	Eindhoven, Netherlands	
Picker X Ray Corp	White Plains	NY
Radiation Instrument Devel Labs Inc	61 E North Ave. Northlake	Ill

X-RAY EQUIPMENT See RADIOGRAPHIC EQUIPMENT

X-RAY IMAGE INTENSIFIERS

Canadian Marconi Co	2444 Trenton Ave. Montreal	Que
General Electric Co., X-Ray Dept	4855 Electric Ave, Milwaukee	Wisc
Philips Electronic Instruments	750 S. Fulton Ave, Mt. Vernon	NY
Philips' Gloeilampenfabrieken, N.V.	Eindhoven, Netherlands	
Picker X Ray Corp	White Plains	NY

Rauland Corp. A Zenith Sub	4245 N Knox Ave. Chicago 41	Ill
Tracerlab, Inc	1601 Trapelo Rd, Waltham 54	Mass
Westinghouse Electric Corp. Electronic Tube Div	Box 284, Elmira	NY
X-Ray Products Corp	7829 Industry Ave, Pico-Rivera	Cal

X-RAY INTENSITY METERS See METERS –*X-RAY INTENSITY*
X-RAY SPECTROMETERS See SPECTROMETERS –*GAMMA & X-RAY*
X-RAY TUBES See TUBES–*X-RAY*
XXXP PHENOLIC See LAMINATES –*COPPER-CLAD*
X-Y RECORDERS See RECORDERS –*GRAPHIC*
YOKE INSULATORS See INSULATORS –*TV YOKE*

YOKES –*DEFLECTION*

1. OSCILLOSCOPE 2. RADAR PPI 3. TV

CELCO CONSTANTINE ENGRG LABS CO., 1-2, Adv Pg 45	**Box 555, Mahwah**	**NJ**
Cleveland Electronics, Inc., 3	1974 E. 61st St, Cleveland 3	Ohio
DX Radio Products Co., Inc., 2-3	2300 Armitage Ave, Chicago 47	Ill
EMI-Cossor Electronics Ltd., 1	Box 525 Dartmouth NS	Can
Electro Powerpacs Inc., 2	5 Hadley St. Cambridge 40	Mass
FUJI TSUSHINKI SEIZO K.K., 3, Adv Pg 259	**2, 3-Chome, Marunouchi Chiyoda-ku Tokyo**	**Jap**
General Dynamics/Electronics, Info Tech Div., 1-2	1186 Hancock St. San Diego 12	Cal
General Instrument of Canada Ltd., 3	151 Weber St. S, Waterloo	Ont
Merit Coil & Transformer Corp., 3	2027 Sherman St. Hollywood	Fla
Metropolitan Telecommunications Corp., 2	Ames Ct. Plainview	NY
Penn Transformer Corp., 3	Bellefonte	Pa
Philips' Gloeilampenfabrieken, N. V., 3	Eindhoven	Neth
Ran Electronics, Inc., 1-2-3	600 Industrial Ave, Paramus	NJ
Rank Cintel Ltd., 3	Worsley Bridge Rd, London S.E. 26, England	
Rola Co. Div Muter Co., 1-3	2530 Superior Ave. Cleveland 14	Ohio
Sickles, F.W., Div. General Instrument Corp., 3	165 Front St. Chicopee	Mass
STANCOR ELECTRONICS INC., 3, Adv Pg 503	**3501 W Addison St. Chicago 18**	**Ill**
Steward Mfg Co., D.M., 3	3600 Jerome Ave. Chattanooga 1	Tenn
SYNTRONIC INSTRUMENTS INC., 1-2, Adv Pg 434	**100 Industrial Rd. Addison**	**Ill**
Tele Coil Co. Inc., 1-3	2700 Saunders St. Camden 5	NJ
Telectron Co., 3	3991 S.W. 12th Terr, Ft. Lauderdale	Fla
Telvision Labs. Inc., 3	333 Mill St. Wauconda	Ill
Thomas Electronics, Inc., 3	118 Ninth St, Passaic	NJ
Triad Transformer Corp., 3	4055 Redwood Ave. Venice	Cal
Universal Toroid Coil Winding Inc., 1-2-3	171EB Coit St. Irvington 11	Ill
Wiley Electronic Products Co., 1-2-3	2045 W Cheryl Dr. Phoenix	Ariz
Zenith Radio Corp., 3	6001 Dickens Ave, Chicago 39	Ill

YTTRIUM –*IRON OXIDE* See CRYSTALS –*GARNET; GARNET –POLYCRYSTALLINE*

ZENER DIODES See DIODES –*CRYSTAL*

ZINC

Accurate Specialties Co. Inc	345 Lodi St. Hackensack	NJ
American Smelting & Refining Co	120 Broadway, New York 5	NY
Anchor Metal Co	966 Meeker Ave. Brooklyn 22	NY
Belmont Smelting & Refining Works	332 Belmont Ave, Brooklyn 7	NY
Cominco Products Inc	933 W 3rd Ave. Spokane	Wash
Delta Chemical Works	21 W. 60th St, New York	NY
Eagle-Picher Co	Dept. EGB, Cincinnati 1	Ohio
Harmon Lichtenstein & Co	2 Broadway, New York 4	NY
Horton-Angell Co	27 Bicknell St. Attleboro	Mass
A.D. Mackay, Inc	198 Broadway, New York 38	NY
Mallinckrodt Chemical Works	Second & Mallinckrodt Sts. St. Louis 7	Mo
NATIONAL LEAD CO., Adv Pg 557	**111 Broadway, New York 6**	**NY**
Semi-Alloys Inc	20 McQuesten Pkwy. N, Mt. Vernon	NY
SEMI-ELEMENTS INC., Adv Pg 524	**Saxonburg Blvd. Saxonburg**	**Pa**
United Mineral & Chemical Corp	16 Hudson St. New York 13	NY

ZINC PLATING See PLATING SERVICES

ZIRCONIUM OXIDE

1. MATERIAL 2. PARTS 3. PARTS, METALLIZED

Accurate Specialties Co. Inc., 3	345 Lodi St. Hackensack	NJ
CARBORUNDUM CO. REFRACTORIES DIV., 1, Adv Pgs 104, 105	**Perth Amboy**	**NJ**
Coors Development Corp., 1	2635 S. Peck Rd, Monrovia	Cal
Delta Chemical Works, 1	21 W. 60th St, New York	NY
Electro-Ceramics, Inc., 2-3	2645 S 2nd W. Salt Lake City 15	Utah
Engineering Science Div Amer Metal Pdts Co., 2-3	2601 S State St. Ann Arbor	Mich
Gaillard-Schlesinger Chemical Mfg Co., 1	1001 Franklin Ave, Garden City	NY
Gemex Corp. Industrial Div., 2	1200 Commerce Ave. Union	NJ
Geoscience Instrument, Inc., 1	142 Marden Lane, New York 38	NY
Gladding, McBean & Co.,2-3	1551 S. Primrose St, Monrovia	Cal
HARSHAW CHEMICAL CO., Adv Pg 508	**1945 E 97th St. Cleveland 6**	**Ohio**
A.D. Mackay, Inc., 1-2	198 Broadway, New York 38	NY
Materials for Electronics Inc., 1	152-25 138 Ave. Jamaica 34	NY
Metco Inc., 3	1101 Prospect Ave. Westbury	NY
NATIONAL BERYLLIA CORP., 2-3 Adv Pg 552	**1st & Haskell, Haskell**	**NJ**
NATIONAL LEAD CO., 1, Adv Pg 557	**111 Broadway, New York 6**	**NY**
Norton Co., 1-2	1 New Bond St. Worcester 6	Mass
Sylvania Elec Prods Inc. Sylcor Div., 2	208-20 Willets Point Blvd. Bayside	NY
Thor Ceramics, Inc., 2-3	225 Belleville Ave. Bloomfield	NJ
United Mineral & Chemical Corp., 1	16 Hudson St. New York 13	NY
Var-Lac-Oid Chemical Co., 1-2	116 Broad St, New York 4	NY
Zirconium Corp of America, 1-2	31501 Solon Rd, Solon 39	Ohio

ZIRCONIUM –*SHEETS, BARS & RODS*

Allegheny Ludlum Steel Corp	2020 Oliver Bldg. Pittsburgh 22	Pa
Bram Metallurgical Chemical Co	820 65 Ave, Philadelphia 26	Pa
Bridgeport Brass Co	30 Grand St, Bridgeport	Conn
Electro-Ceramics, Inc	2645 S 2nd W. Salt Lake City 15	Utah
Foote Mineral Co	Rt 411, 18 W Chelten Ave, Phila 44	Pa
A.D. Mackay, Inc	198 Broadway, New York 38	NY
NATIONAL LEAD CO., Adv Pg 557	**111 Broadway, New York 6**	**NY**
Paul & Stein Bros., Inc., F.H.	276 Fifth Ave, New York 16	NY
Sylvania Elec Prods Inc. Sylcor Div	208-20 Willets Point Blvd. Bayside	NY
TEXAS INSTRUMENTS INCORPORATED, METALS & CONTROLS DIV., Adv Pg 81	**34 Forest St. Attleboro**	**Mass**
United Mineral & Chemical Corp	16 Hudson St. New York 13	NY
Var-Lac-Oid Chemical Co	116 Broad St, New York 4	NY
Wah Chang Corp	233 Broadway, New York 7	NY

ZIRCONIUM TUBING –See TUBING –*METALLIC*
ZIRCONIUM WIRE See WIRE –*BARE*

TRADE NAME INDEX

The following list of trade names of manufacturers and products in or related to the field of electronics has been prepared from data supplied by manufacturers. This list is intended for use in determining the manufacturer's name when only a purported trade name is known. The editors for obvious reasons have not attempted to determine a manufacturer's right to the exclusive use of any such name. Addresses can be obtained by referring to the Manufacturers Index (Green Section). Only coined trade names are listed as it was deemed unnecessary to include a company name inasmuch as the manufacturer's identity was immediately apparent.

"A" GLASS – Electro-Tech. Prods. Div. Sun Chem. Corp.
A-M – AKRO Mils, Inc.
A. R. – Mallinckrodt Chemical Works
A-S DRIVE – Square D Co.
A.V.C. – Rockbestos Wire & Cable Co.
A-Z – Plastic Wire & Cable Corp.
ABBOTT – Carborundum Co.
ABOGLAS – Natvar Corp.
ABSCO – Aero Bolt & Screw Co.
ABSOLUTE – Cambridge Filter Corp.
AC DUCER – Edcliff Instruments
AC PAK – Red Bank Div. Bendix Aviation Corp.
ACCOPAC – Armstrong Cork Co.
ACCOUSTIN – University Loudspeakers, Inc.
ACCUDATA – Minn-Honeywell Reg. Co.
ACCUPAK – C&D Batteries
ACCURAY – Industrial Nucleonics Corp.
ACCUTRON – Sheffield Corp., Sub. of Bendix Aviation Corp.
ACCUVAC – Green Rectifier Co.
ACE – Arro Expansion Bolt Co.
ACEMHO – Ace Electronics Associates, Inc.
ACEOHM – Ace Electronics Associates, Inc.
ACEPOT – Ace Electronics Associates, Inc.
ACESET – Ace Electronics Associates, Inc.
ACETRIM – Ace Electronics Associates, Inc.
ACHIEVER – AC Spark Plug Div. G. M.
ACME – Trimm, Inc.
ACME – U. S. Steel Corp.
ACOUSTALLOY – Electro-Voice, Inc.
ACOUSTI-DYNE – American Measure & Control
ACOUSTIC BATON – University Loudspeakers,
ACOUSTONE – Newcastle Fabrics Corp.
ACRA-COTE – Pacific Unversal Prods. Corp.
ACRA-KLEEN – Pacific Universal Prods. Corp.
ACRASPLIT – Entron, Inc.
ACRO-ETCH – Acromark Co.
ACROBOSS – Acromark Co.
ACROCEL – Acromark Co.
ACROCUT – Acromark Co.
ACROD – Acme Electric Heating Corp.
ACRODIE – Acromark Co.
ACROFIBE – Acromark Co.
ACROJET – Acromark Co.
ACROLEAF – Acromark Co.
ACROLITE – Acromark Co.
ACROLITE – Acro Div. Robertshaw-Fulton
ACROMARKER – Acromark Co.
ACROPLAC – Acromark Co.
ACROPRENE – Acromark Co.
ACROPRINT – Acromark Co.
ACROPRINTER – Acromark Co.
ACROSNAP – Acro Div. Robertshaw-Fulton
ACROSOUND – Acro Electronic Prods. Co.
ACROSTAT – Acromag Inc.
ACROTAG – Acromark Co.
ACROTYPE – Acromark Co.
ACRYLEX – Magnet Wire Div. Essex Wire
ACTIGRAPH – Nuclear Chicago Corporation.

ACTIVATOR – Otarion Listemer Corp.
ADALLOY – Adalet Mfg. Co.
ADAPHONE – Multitone Electronics Ltd.
ADAPT-A-BETT – Carborundum Co.
ADAPT IT – Workman TV Prods. Inc.
ADAPTOMETER – U. S. Radium Corp.
ADASHAFT – Centralab Electronics Div. of Globe Union Inc.
ADC – Maico Electronics, Inc.
ADCO – Automation Dynamics Corp.
ADD-A-SHELF – Alpha Wire Corp.
ADD-A-UNIT – Blonder-Tongue Laboratories, Inc.
ADDALINK – Electronic Associates Inc.
ADDAPLUG – Associated Engineering Corp.
ADDO – Addox, Inc.
ADEC – American Devel. Electronics Co.
ADIPRENE – E. I. du Pont de Nemours & Co., Inc.
ADJUST-A-CONE – Quam-Nichols Co.
ADJUST-A-VOLT – Standard Electrical Prods. Co.
ADJUSTOHM – Ward Leonard Electric Co.
ADJUSTOROID – Burnell & Co., Inc.
ADLAKE – Adams & Westlake Co.
ADRAC – Computer Systems, Inc.
ADUET – Centralab Electronics Div. of Globe Union Inc.
ADVAC – Advance Components, Ltd.
ADVAC – Advance Vacuum Prods. Co.
ADVANCE – Acme Battery Corp.
ADVANCE – Advance Components, Ltd.
ADVANCE – Driver-Harris Co.
ADVENTURER – E.F. Johnson Co.
ADVISOR – Advanced Instrument Corp.
ADVOLT – Advance Components, Ltd.
AE 16 – Bow Solder Products Co.
AECO – American Electric Cable Co.
AEHCO – Amaton Electronic Hardware Co.
AEI – Appalachian Electronic Instruments
AEL – American Electronic Labs., Inc.
AERALLOY – Engelhard Industries, Inc.
AERO – Magnette - Heinmann Electric Co.
AERO JET CAL – Howell Instruments, Inc.
AERO SEAL – Breeze Corps., Inc.
AEROCOM – Aeronautical Commun. Equip., Inc.
AEROCON – Aerovox Corp.
AEROFIBRE – Bal Corp., Wm.
AEROFLEX – Anchor Industrial Co. Div. of Anchor Plastics Co., Inc.
AEROHEAD – Giannini Controls Corp.
AEROLENE – Aerovox Corp.
AEROLITE – Aerovox Corp.
AEROPAK – Aero Research Instr. Co.
AEROPOT – Aero Electronics Corp.
AEROSOLVE – Cambridge Filter Corp.
AEROTAN – Aerovox Corp.
AEROTAR – Goerz American Optical Co., C.P.
AEROTRON – Aeronautical Electronics, Inc.
AEROTWEED – Apex Coated Fabrics Co.
AEROVANE – Bendix Aviation Corp.
AFCO FEUTRON – American Felt Co.
AG – Bio-Rad Laboratories

AG – Farrelloy Corp.
AGASWITCH – Elastic Stop Nut Corp. of America
AGEPROOF – Eugene Dietzgen Co.
AGF – American Gas Furnace
AGIETRON – Hirschmann Co. Inc., Carl
AGNATEL – Curtiss - Wright Corp.
AIBANENE – Keuffel & Esser Co.
AIM – Autotronics, Inc.
AIR-COM – Aeromotive Equipt Co.
AIR-CORE – R F Products Div.
AIR DUX – Illumitronic Engineering
AIR INDUCTORS – Barker & Williamson.
AIRBRASIVE – White Dental Mfg. Co., S.S.,
AIRCO – Air Reduction Sales Co.
AIRFLEX – Co-Ax, Inc.
AIRFLEX – Eagle Signal Co. Div.
AIRLOC – Monadnock Mills Div. United Carr
AIRPOT – Electric Regulator Corp.
AIRTEX – Actioncraft Products
AJUSTOMETER – Consolidated Resistance Co. of Amer. Inc.
AKG – Electronic Applications, Inc.
AKRAOHM – Shallcross Mfg. Co.
AL-FIN – Tickle Eng. Wks. Inc.
AL-JAK – R F Products Div.
ALATHON – E. I. du Pont de Nemours & Co., Inc.
ALBRON – Aluminum Co. of America
ALCHROME D – Driver Co., Wilbur B.
ALCLAD – Driver Co., Wilbur B.
ALCOA – Aluminum Co. of America
ALECTRA – Consolidated Electrodynamics Corp.
ALERT CALL – Seeley Electronics
ALFENOL – Carpenter Steel Co.
ALFERON – Driver-Harris Co.
ALFRAX – Carborundum Co.
ALGCO – Auburn Mfg. Co., The
ALIGN-O-POT – Bourns Inc.
ALINCO – Thomas & Skinner Inc.
ALITE – U. S. Stoneware Co.
ALKANEX – General Electric Co.
ALLEN-HEAD – Allen Mfg. Co.
ALLFAB – Felters Co.
ALLOYIST – Riverside-Alloy Metal Div.
ALMAG – Alpha Wire Corp.
ALMANOX – Frenchtown Porcelain Co.
ALMET – Riverside-Alloy Metal Div.
ALNICOSCB – Thomas & Skinner Inc.
ALNISI – Engelhard Industries, Inc.
ALODINE – Aluminum Co. of America
ALOXITE – Carborundum Co.
ALPHA – Chase Brass & Copper Co.
ALPHATRON – NRC Equipment Corp.
ALPHLEX – Alpha Wire Corp.
ALPO – Standard-Toch Chemicals, Inc.
ALPS – Kataoka Electric Co. Ltd.
ALROCK – Aluminum Co. of America
ALSIMAG – American Lava Corp
ALTEMP – Alpha Wire Corp.
ALTERACT – Micro-Switch
ALTI DUCER – Clark Electronic Labs.

ALTI-TEMP – Wincharger Corp.
ALTIMATIC – Air-Marine Motors, Inc.
ALTIVAR – Rotron Mfg. Co., Inc.
ALU-FLEX – Auburn Mfg. Co., The
ALUM-A-STIX – Haydon Corp.
ALUMALURE – Aluminum Co. of America
ALUMAWELD – Johnson Mfg. Co., Inc.
ALUMEL – Hoskins Mfg. Co.
ALUMICOAT – A. Tickle Eng. Wks. Inc.
ALUMON – Enthone, Inc.
ALUMOWELD – Copperweld Steel Co.
ALUNDUM – Norton Co.
ALUSOL – Wright Metalcoaters
ALUZOOM – JFD Electronics Corp.
ALWAC – El-Tronics, Inc.
ALZAK – Aluminum Co. of America
AM-CAP – American Capacitor Co. Inc.
AMACOIL – Assoc. American Winding Machy. Inc.
AMAIRCELL – American Electric Cable Co.
AMBIRITE – General Instrument Corp.
AMBITROL – Power Designs, Inc.
AMBRALOY – Anaconda Amer. Brass Co.
AMBRAZE – American Brazing Alloys Corp.
AMBRONZE – Anaconda Amer. Brass Co
AMCI – Alford Mfg. Co.
AMCO – American Solder & Flux Co.
AMCO – Applied Magnetics Corp.
AMECO – American Electronics Co.
AMECO – Antennavision, Inc.
AMER-DIAL – Amerac, Inc.
AMERAP – American Electric Cable Co.
AMERAP-D – American Electric Cable Co.
AMERBESTOS – U. S. Steel Corp.
AMERFINE – U. S. Steel Corp.
AMERGLASS – U. S. Steel Corp.
AMERICAN BEAUTY – American Electrical Heater
AMERICAN BELL – Allied Radio Corp.
AMERITE – U. S. Steel Corp.
AMEROXIDE – U. S. Steel Corp.
AMERPLASTIC – American Electric Cable Co.
AMERPRENE – U. S. Steel Corp.
AMERSHIELD – American Electric Cable Co.
AMERSIL – Engelhard Industries, Inc.
AMERTRAN – Radio Engineering Labs., Inc.
AMERTRAN – Standard Electronics Div. of Reeves Inst. Corp.
AMES – Saxton Products, Inc.
AMETRON – Streeter-Amet Co.
AMFAB – Amflex Products Dept. AMF
AMFICON – American Mach. & Foundry Co.
AMFLITE – American Mach. & Foundry Co.
AMFLON – Amflex Products Dept. AMF
AMFOIL – Amflex Products Dept. AMF
AMI – Advanced Measurement Instrs. Inc.
AMINO – Phoenix Precision Instrument Co.
AMMOGAS – Sunbeam Equipment Corp.
AMP-PAX – Electric Machinery Mfg. Co.
AMPACET – American Molding Powder & Chemical
AMPEC – Centralab Electronics Div., of Globe-Union, Inc.

AMPLATES – Ampower Corp.
AMPLET – Consolidated Controls Corp.
AMPLI-PHONE – Radio Merchandise Sales, Inc.
AMPLI-SPEED – Electric Machinery Co.
AMPLICALL – Rauland Borg Corp.
AMPLILITE – Amplivox, Ltd.
AMPLISOLVER – American Electronics Inc.
AMPLITRAN – Ferrotran Electronics Co. Inc.
AMPLITROL – Thermo Electric Mfg. Co.
AMPLITRON – Raytheon Co.
AMPLIVOX – Rye Sound Corp.
AMPOLENE – U. S. Steel Corp.
AMPRO PROCESS – Hayes, Inc., C.I.
AMPROBE – Pyramid Instrument Corp.
AMPYROL – U. S. Steel Corp.
AMRES – American-Marietta Co.
AMSCO – American Sterilizer Co.
AMSTAT – American Electronics Co.
AMVAR – U. S. Steel Corp.
ANADAC – Canadian Applied Research Ltd.
ANALOG – Spectrum Instruments Inc.
ANCHOR – Antronic Corp.
ANCHOR – Edmund Scientific Co.
ANCHOR BRAND – North & Judd Mfg. Co.
ANCORENE – Anchor Industrial Co., Div. of Anchor Plastics Co., Inc.
ANDEROMETER – Micrometrical Mfg., Co.
ANDI – Antenna Designs Inc.
AN DI – Moore Assoc.
ANILITE – Nat'l. Vulcanized Fibre Co.
ANNULAR CLIP – Air-O-Tronics Engrg. Co.
ANOCLAD – Aluminum Co. of America
ANOFAX – Neal Feay Co.
ANTALON – Green Rectifier Co.
ANTENNEX – Clear Beam Antenna Co.
ANTIOCH – Bean & Co., Morris.
ANTRAN – Internat'l. Electronics Mfg. Co.
APCOR – Actuator Products Div., Geartronics Corp.
APELCO – Applied Electronics Co., Inc.
API – Assembly Products, Inc.
APOLLO – U. S. Steel Corp.
APPA – American Research & Mfg Corp.
APPCO – Atlas Precision Products Co.
APS NETWORK – Sinegraf Electric Co.
APTI – Transistor Specialties Inc.
AQUA PROBE – General Coil Products Corp.
AQUADAG – Acheson Colloids Co., Div. Acheson Industries, Inc.
AQUAFLEX – Engelhard Industries, Inc.
AQUALOCK – Burndy Corp.
AQUAMETER – Beckman Instruments, Inc.
AQUASEAL – General Cable Corp.
AQUASTOP – Protective Coatings Corp.
AQUATHENE – General Cable Corp.
AQUAVOX – Winston Electronics
AQUETUBE – Aluminum Co. of America
ARALDITE – Ciba Products Corp.
ARBEIT d-v-e – Industrial Development Labs., Inc.
ARC-LOC – Appleton Electric Co.
ARCO – Rosenberg Bros.
ARDENTE – British Radio Electronics, Ltd.
ARGUS – Sylvania Electric Prods. Inc.
ARISTO – Optical Gaging Products, Inc.
ARISTOCON – Transitron Electronics Corp.
ARITEMP – Aries Laboratories Inc.
ARKTITE – Crouse-Hinds Co.
ARKTROL – Crouse-Hinds Co.
ARMAC – Franke Gear Wks. Inc.
ARMAG – Dynacor Inc.
ARMALON – E. I. du Pont de Nemours & Co., Inc.
ARMALOY – Armstrong Bros. Tool Co.
ARMATURO – Johns-Manville
ARMCORP – American Research & Mfg. Corp.
ARMIDE – Armstrong Bros. Tool Co.
ARMOR GARD – New Departure Div. G.M.
ARMORLOKT – U. S. Steel Corp.
ARP – Allied Research Products, Inc.
ARRO CORE – Arro Expansion Bolt Co.
ARROFLUTE – Arro Expansion Bolt Co.
ART-MECH – Melpar, Inc.
ARTAR – Goerz American Optical Co., C. P.
ARTISAN ORGANS – Electronic Organ Arts, Inc.
ASBESTITE – Burndy Corp.
ASBESTOMENT – Johns-Manville.
ASBESTOS EBONY – Johns-Manville.
ASCO – Automatic Switch Co.
ASCOR – American Speedlight Corp.
ASCORLIGHT – American Speedlight Corp.
ASCORLUX – American Speedlight Corp.
ASENCO – Associated Engrg. & Mfg. Corp.
ASP – All Star Products, Inc.
ASTRA – Lear, Inc.
ASTRAPHONE – Infrared Industries Inc.
ASTROMATIC – Control Switch Div., Controls Co. of Amer.
ASTRORELAY – Kurman Electric Co.
AT & EC – Arco Transformer & Elec. Corp.
ATCOTRAN – Automatic Timing & Controls Inc.
ATCOTROL – Automatic Timing & Controls Inc.
ATCOTRONIC – Automatic Timing & Controls Inc.
ATOMEX – Stieh Chemicals, Inc.
ATOMICLAD – Gibson Electric Co.
ATOMS – Sprague Electric Co.
ATR – American Television & Radio Co.
ATTEND-A-PHONE – Bogen Presto Div.
ATTENU-DUCT – Filtron Co. Inc.
ATTENU-SUIT – Filtron Co. Inc.
ATTIC-TENNA – Karlson Associates, Inc.
AUBESTON – Auburn Mfg. Co., The
AUD-O-GRIL – Parkway Specialities Co.
AUDET – Centralab Electronic Div. Globe-Union
AUDIGAGE – Branson Instruments, Inc.
AUDIO BATON – Blonder-Tongue Laboratories,
AUDIO CRAFTSMAN – Midwest Audio Corp.
AUDIO-LITE – Soundolier, Inc.
AUDIODISCS – Audio Devices, Inc.
AUDIODYNE – Dynaco, Inc.
AUDIOFILM – Audio Devices, Inc.
AUDIOHAILER – Audio Equipment Co., Inc.
AUDIOLATOR – Kay Electric Co.
AUDIOM – Goodmans Industries Ltd.
AUDIOPOINTS – Audio Devices, Inc.
AUDIOSCOPE – Audio-Master Corp.
AUDIOTAPE – Audio Devices, Inc.
AUDIOTON – Audio-Master Corp.
AUDIOTRAN – Ferrotran Electronics Co. Inc.
AUDIOTRONIX – Audio Electronics Corp.
AUDOGRAPH – Gray Mfg. Co.
AURA-BELL – Otarion Listener Corp.
AURA-TIP – Otarion Listener Corp.
AURICON – Bach Auricon, Inc.
AUROSAL – Engelhard Industries, Inc.
AUDIO/CLOCK – Fourjay Industries
AUTEX – Flight Research, Inc.
AUDITORIUM – Jensen Mfg. Co.
AUTO BENDER – Design Tool Co. Div.
AUTO-BRIDGE – Industrial Instruments Inc.
AUTO-DATEX – Sonex, Inc.
AUTO FORMER – Design Tool Co. Div.
AUTO-LITE – Soundolier, Inc.
AUTO STRAIGHTENER – Design Tool Co. Div.
AUTO TAPER – Design Tool Co. Div.
AUTO-VOX – Kay Electric Co.
AUTOCON – Sprague Electric Co.
AUTOFAX – Communications Control Corp.
AUTOFLEX-TM – Engelhard Industries, Inc.
AUTOGRAF – Moseley Co., F. L.
AUTOLITE – Electric Autolite Co.
AUTOLLIZER – North Electric Co.
AUTOMATE – Automatic Metal Products Corp.
AUTOMATIC HOUSEKEEPER – Trion, Inc.
AUTOPOSITIONER – Collins Radio Co.
AUTOPOT – Daystrom, Inc.
AUTOREF – Thermo Electric Co.
AUTOREG – C & D Batteries, Div. of the Electric Autolite Co.
AUTOSONIC – Powertron Ultrasonics
AUTOSYN – Bendix Corp., The
AUTOTAK – Howell Instruments Inc.
AUTOTEMP – Howell Instruments Inc.
AUTOTUNE – Collins Radio Co.
AUTOTUTOR – Western Designs Div. U. S. Industries, Inc.
AUTRONEX – Sel-Rex Corp.
AVCOMB – Avco Corp.
AVIALITE – Anaconda Amer. Brass Co.
AVIKRIMP – ETC Incorporated
AVION – ACF Industries Div.
AWM-200 – Radix Wire Co.
AXIETTE – Goodmans Industries, Ltd.
AXIMAX – Rotron Mfg. Co., Inc.
AXIOHM – Ward Leonard Electric Co.
AXIOM – Goodmans Industries Ltd.
AXIVANE – Joy Mfg. Co.

B & J – Burke & James, Inc.
B-BEADS – Pilot Chemicals Inc.
B-LITE – Eldema Corp.
B6-LIBRARY OF SOUND – Audio Master Corp.
B&W – Barker & Williamson.
BABY COM – Fanon Electronic Ind., Inc.
BADGER – Reliance Automatic Lighting Co.
BAKELITE – Union Carbide Corp.
BAKER ANALYZED – Baker Chemical Co., J. T.,
BALCAP – Balco Research Labs.
BALCO – Driver Co., Wilbur B.
BALDWIN – AR&T Electronics, Inc.
BALINE – JFD Electronics Corp.
BALLAST – Driver Co., Wilbur B.
BALLASTRON – Aerovox Corp.
BALLERINA – Newcomb Audio Products Co.
BALTOGRAPH – Balteau Electric Corp.
BALTOSPOT – Balteau Electric Corp.
BANC-LOK – Boots Aircraft Nut Corp.
BANDMASTER – Harvey Wells Electronics Inc.
BANDOLUG – Burndy Corp.
BANDSPANNER – Webster Mfg.
BANJ-O-SEALS – Parker Seal Co.
BANSHEE – JFD Electronics Corp.
BANTAM – Aerovox Corp.
BANTAM – American Rectifier Corp.
BANTAM – Barnstead Still & Sterilizer Co.
BANTAM – Burndy Corp.
BANTAM – Small Motors, Inc.
BANTAM GT – CBS Electronics
BANTAM JR. – CBS Electronics
BARCLAD – Barwood Mfg Co., L.J.
BARCO – Barium & Chemicals, Inc.
BARCOLOID – Barrett Varnish Co.
BARCOTONE – Barrett Varnish Co.
BAREX – King Laboratories, Inc.
BARODYNE – U.S. Science Corp.
BAROHM – Ward Leonard Electric Co.
BAROID – National Lead Co.
BARPAD – Barwood Mfg. Co., L.J.
BARRATRON – Litton Industries
BARRYMOUNT – Barry Controls, Inc.
BARTITE – Barwood Mfg. Co., Inc., L. J.
BASEBALL – Antenna Specialties Co.
BASECOM – Communications Co.
BASGO – UBS Chemical Co.
BASS-SUPERFLEX – Jensen Mfg. Co.
BASS-ULTRAFLEX – Jensen Mfg. Co.
BASSETT – Savoy Electronics, Inc.
BAT – Lavoie Laboratories, Inc.
BATCHMASTER – Howe Scale Co.
BATCHPLUG – Howe Scale Co.
BATHE-RITE – Milwaukee Stamping
BATTERY SCOPE – Christie Electric Corp.
BAUSENHART – Electronic Applications, Inc.
BAYFLEX – Bay State Abrasive Products Co.
BAYSHORE – Munston Electronic Mfg. Corp.
BB-1000 – Birnbach Radio Co. Inc.
BBB – Becker Brothers Carbon Co.
BD – Beede Electrical Instr. Co., Inc.
BE – Burndy Corp.
BEACON – Esso Standard, Div. of Humble Oil & Refining Co.
BEACOTRON – Tuccr, Inc.
BEAM-X – Burroughs Corp.
BEAMATRON – High Vacuum Equipment Corp.
BEAMED POWER – Telrex Labs.
BEAU-MYTE – Bomyte Co.
BEAUCAPS – Beauchaine & Sons, Inc.
BEAUPLUGS – Beauchaine & Sons, Inc.
BECK CIRCUITRY – Beck's Inc.
BECK PROCESS – Beck's, Inc.
BECKAMINE – Reichhold Chemicals, Inc.
BEETLE – American Cyanamid Co.
BELCAP – Sprague Electric Co.
BELIMITER – Bel Fuse, Inc.
BELIMITER – Workman TV Prods. Inc.
BELL-TEMP – Hayes, Inc., C.I.
"BELLOWFORM" – Continental Connector Corp.
BELTROL – Cook Electric Co.
BEN-HAR – Bentley-Harris Mfg. Co.
BENCO – Blonder- Tongue Labs.
BEND-AMATIC – Develop-Amatic Engrg.
BENELEX – Masonite Corp.
BENFLEX – Scintilla Div., Bendix Aviation Corp
BENSEAL – Scintilla Div., Bendix Aviation Corp.
BERALOY – Driver Co., Wilbur B.
BERKELEY – Wilson Rubber Co. Div.
BERLOX – National Beryllia Corp.
BERNOUILLI DISK – Lab. for Electronics, Inc.
BERYLCO – Beryllium Corp.
BERYLDUR – Beryllium Corp.
BEST – Oxford Electric Corp.
BESTO-WIRE – Rhode Island Insulated Wire.
BETA – Electrovert, Inc.
BETAMETER – Curtiss - Wright Corp.
BETAMITE – Filtors Inc.
BETH-TEC – Bethlehem Fdry. & Mach. Co.
BEYER – Gotham Audio Corp.
BEYSCHLAG – Wells Co., Inc, Gary
BH – Bentley-Harris Mfg. Co.
BI-FI – Fedtro Inc.
BI-GLAS – Electro-Tech. Prods. Div. Sun Chem.
BI-LASTIC – Electro-Tech. Prods. Div. Sun Chem.
BI-SEAL – Bishop Mfg. Corp.
BI-SWITCH – Hoffman Electronics Corp.
BI-THERM – Taylor Instrument Cos.
BIFILAR – Andrew Corp.
BIFLEX – Altec Lansing Corp.
BIG BERTHA – Telrex Labs.
BIG JACK – Kay Towns Antenna Co.
BIG JACK – Radio Merchandise Sales, Inc.
BIG SHOT – Radio Merchandise Sales, Inc.
BILUXOR – Par Products Corp.
BIMORPH – Clevite Electronics Components Div.
BINA-VIEW – Industrial Electronic Engineers
BINDAK – Apeco Amer. Photocopy Equip. Co.
BINET – E.F. Johnson Co.
BIO-REX – Bio-Rad Laboratories
BIPCO – Burroughs Corp.
BIRACO – Birnbach Radio Co. Inc.
BIRFLEX – Birnbach Radio Co., Inc.
BIRFLON – Birnbach Radio Co. Inc.
BIRFLENE – Birnbach Radio Co., Inc.
BIRNTEX – Birnbach Radio Co., Inc.
BLACK BEAUTY – Sprague Electric Co.
BLACKTEX – Krengel Mfg. Co., Inc.
BLAK-RAY – Ultra-Violet Products, Inc.
BLAST – Narda Ultrasonics Corp.
BLASTCORDER – Geotechnical Corp.
BLASTITE – Carborundum Co.
BLENDMASTER – Hull Corp.
BLITZBUG – Cush Craft
BLU-CAP – Fansteel Metallurgical Corp.
BLU-OHM – Bradford Components, Inc.
BLU-RED – Associated American Winding Machy
BLUE CHIP – Erie Resistor Corp.
BLUE DIAMOND – Pioneer Gen-E-Motor Co.
BLUE FLASH – Bay State Abrasive Products Co.
BLUE HELIX – Pratt & Whitney Co.
BLUE JACKET – Sprague Electric Co.
BLUE POINT – Astron Corp.
BLUE RIBBON – Hardwick Hindle, Inc.
BLUE STREAK – W. H. Brady Co.
BLUE TOP – Revere Corp. of America
BLUETEX – Frederick Post Co.
BOARDMASTER – Universal Drafting Machine Corp.
BOBBIN GOBBLER – Crown Tool, Inc.
BOGUE – Radio Development & Research Corp.
BOLERO – Beltone Hearing Aid Co.
BOLTAFLEX – General Tire & Rubber Co.
BOLTARON – General Tire & Rubber Co.
BOND-WELD – Chicago Transformer Inc.
BONDALITE – Electric Autolite Co.
BONDED SHIELD – Sylvania Electric Prods. Inc.
BONDEX – Magnet Wire Div. Essex Wire
BONDEZE – Phelps Dodge Copper Products Corp.
BONDMASTER – Rubber & Asbestos Corp.
BONNYTAPE – Bonny Mfg. Corp.
BONORITE – UBS Chemical Co.
BOOTSTRAP – Sanders Assciates Inc.
BOR-AL-SIL – Richard H. Bird, Co.
BORO-CARBOFILM – Aerovox Corp.
BOROFILM – Aerovox Corp.
BORON PYRALLOY – High Temperature Materials, Inc.
BOSCAR – Benson-Lehner Corp.
BOSS – Huenefield Co.
BOSTICK – Lockheed Electronics Co.,
BOSTIK – United Shoe Machinery Corp.
BOW-FLECTOR – JFD Electronics Corp.
BOY-MAR – Electrical Service Co.
BPW – Bradford Components Inc.
BRADOHM – Bradford Components, Inc.
BRALOY – Brainin Corp., C. S.
BRAND FIVE – Ferrodynamics Corp.
BRASSPLY – National-Standrad Co.
BRAZALOY – All-State Welding Alloys Co., Inc.
BRAZEX – Mansol Ceramics Co.
BRAZO – Linde Co. Div.
BRENELL – Fen-Tone Corp.
BRICE – Phoenix Precision Instrument Co.

BRIDGER - Audio Instrument Co. Inc.
BRITE-GARD - New Departure Div. GMC
BRITECARB - Driver Co., Wilbur B.
BROADBAND - Racon Electric Co.
BROADBAND - Topatron, Inc.
BROWN BOVERI - State Labs.
BROWN DEVIL - Ohmite Mfg. Co.
BRUEL & KJAER - B & K Instruments, Inc.
BRUSH - Clevite Electronics Components Div.
BTR - Lord Mfg. Co.
BUCAR - Vellumoid Co.
BUCKEYE - Precision Paper Tube Co.
BUDENE - Goodyear Tire & Rubber Co.
BULPLATE - Sprague Electric Co.
BUNKER HILL - National Lead Co.
BURCAN - Burndy Corp.
BURCAP - Burndy Corp.
BUSS - Bussmann Mfg. Div.
BUTTIN - Burndy Corp.
BUTTON - Erie Resistor Corp.
BUTTON-LITE - Transistor Electronics Corp.
BUZIT - Workman TV Products, Inc.
BYRILLIATITE - Engelhard Industries, Inc.
BYTAP - Burndy Corp.

C-5 - Felt Products Mfg. Co.
C-8 - G-V Controls, Inc.
C-B - Cadell-Burns Mfg. Co. Inc.
C-LAB - Clark Electronic Labs.
C-LITE - Eldema Corp.
CABLE-LOC - Monadnock Mills Div. United Carr
CABLE TRACER - Pyramid Instrument Corp.
CABRA-FLARE - Racon Electric Co. Inc.
CADALYTE - E.I. duPont de Nemours & Co. Inc.
CADET - Linemaster Switch Corp.
CADPAC - American-Monarch Corp.
CAE - Canadian Aviation Electronics Ltd.
CAEMCO - Controlled Atmosphere Enclosures Mfg.
CALCHASSIS - California Chassis Co.
CALCOMP - California Computer Prods. Inc.
CALCULAIDE - American Hydromath Corp.
CALI-MARKER - Electronic Tube Corp.
CALIDO - Driver-Harris Co.
CALIFILM - Shamban & Co., W.S.
CALIFONE - Rheem Califone Corp.
CALL-IDENT - Pennwood Numechron Co.
CALLMASTER - Lyman Electronic Corp.
CALORIDURE - Pyrometer Co. of America, Inc.
CALSUN BRONZE - Anaconda Amer. Brass Co.
CALTROL - Caltron Products Co.
CAM-BOLT - Simmons Fastener Corp.
CAM-VAR - Electro-Tech. Prods. Div. Sun Chem.
CAMALCO - Curry Arts
CAMBION - Cambridge Thermionic Corp.
CAMBRICOID - American Electric Cable Co.
CAMERA-SYNC - Chadwick Helmuth Co.
CANDOHM - Workman TV Products Inc.
CANDOHMS - Muter Co.
CANEX - Canadian Research Institute
CANOUFAX - Communications Control Corp.
CANOU I - Communications Control Corp.
CANSEALS - Cannon Electric Co.
CAP-SURE - Industrial Devices Inc.
CAPADYNE - Mullenbach Div. Electric Mach. Mfg.
CAPASWITCH - Mullenbach Div. Electric Mach. Mfg. Co.
CAPSIL - General Instrument Corp.
CAPTI VOLT - Vickers Inc.
CAPTIVATED - Staver Co. Inc
CAR CALL - Seeley Electronics
CARBO - Carborundum Co.
CARBOFILM - Aerovox Corp.
CARBOFLEX - Carborundum Co.
CARBOLON - Bourns, Inc.
CARBOMITE - Continental-Wirt Electronics Co.
CARBOMOLD - Aerovox Corp.
CARBON-ISTORS - Kidco Inc.
CARDIALYZER - Kay Electric Co.
CARDILINE - Electro-Voice, Inc.
CARDIOVEC - Par Products Corp.
CARDMATIC - Hickok Electrical Instr. Co.
CARDOLITE - Minnesota Mining & Mfg. Co.,
CAREER - Ampro Corp.
CARILLON - Beltone Hearing Aid Co.
CARILLOY - U. S. Steel Corp.
CARL MEYER - Burke & James, Inc.
CARLITE - Armco Steel Corp.
CARNEGIE - U. S. Steel Corp.
CAROL - Crescent Co. Inc.
CARTON KING - Crompton & Knowles Pkg. Corp.
CARBOFRAX - Carborundum Co.
CARY - Applied Physics Corp.
CASCODE - JFD Electronics Corp.
CASEMASTER - Sunbeam Equipment Corp.
CASTORDAG - Acheson Colloids Co.
CAT - Falstrom Co.
CATHALOY - Superior Tube Co.
CATHEDRAL - Cleveland Electronics, Inc.
CATHODRAM - Telegraph Condenser Co. Ltd.
CATRIJ-DRY - Pyramid Electric Co.
CCC - Alpha Metals, Inc.
CCM - Meredith & Co., Ltd., C.C.
CDM - Curtis Development & Mfg. Co.
CEC - Consolidated Electrodynamics Corp.
CEDAC - Barber-Coleman Co.
CEECO - Communication Eqpt. & Engrg.
CEG-OHM - Bradford Components Inc.
CELAB - Clark Electronic Labs.
CELORON - Continental Diamond Fibre
CELLEX - Bio-Rad Laboratories
CEMC - Continental Electronics Mfg. Co.
CEN-TRI-CORE - Alpha Metals, Inc.
CENCO - Central Scientific Co.
CENCO HYPERVAC - Central Scientific Co.
CENCO HYVAC - Central Scientific Co.
CENCO MEGAVAC - Central Scientific Co.
CENCOIL - Central Scientific Co.
CENSOR - Hirschmann Co. Inc., Carl
CENTER-LINE - Topatron Inc.
CENTILATOR - Kay Electric Co.
CENTRALITE - Jones & Lamson Machine Co.
CENTRE-KOOLED - Sarkes Tarzian, Inc.
CENTRICORES - Magnetic Metal Co.
CENTRIMAX - Leeds & Northrup Co.
CER ALLOY - Cerium Metals & Alloy Div.
CER-OHM - Bradford Components Inc.
CERA-LYTIC - Sprague Electric Co.
CERA-MITE - Sprague Electric Co.
CERAFIL - Aerovox Corp.
CERAMAG - Stackpole Carbon Co.
CERAMAGNET - Stackpole Carbon Co.
CERAMALLOY - Ceramco Inc. Chemists
CERAMATEMP - Hitemp Wires Co. Div.
CERAMELEC - Erie Resistor Corp.
CERAMETERM - Bendix Corp. Red Bank Div.
CERAMI CIRCUIT - Photocircuits Corp.
CERAMICAPS - Muter Co.
CERAMICITE - Consolidated Electrodynamics
CERAMICON - Erie Resistor Corp.
CERAMIKITS - Sprague Electric Co.
CERAMIKOUPLE - Smith Mfg. Co. Inc., E.C.
CERAMISEAL - Driver Co., Wilbur B.
CERAMISTOR - Gulton Industries, Inc.
CERAMO - Thermo Electric Co.
CERATROLS - CTS Corporation
CERMAC - Shaw Instrument Corp.
CEROC - Sprague Electric Co.
CEROD - Sprague Electric Co.
CEROL - Aerovox Corp.
CERON - Sprague Electric Co.
CERROBASE - Cerro Sales Corp.
CERROBEND - Cerro Sales Corp.
CERROCAST - Cerro Sales Corp.
CERROLOW - Cerro Sales Corp.
CERROMATRIX - Cerro Sales Corp.
CERROSAFE - Cerro Sales Corp.
CERROSEAL - Cerro Sales Corp.
CERROTRU - Cerro Sales Corp.
CERTAIN CURTAIN - Hayes, Inc., C.I.
CHAIN MATE - Radix Wire Co.
CHALLENGER - Channel Master Co.
CHALLENGER - E.F. Johnson Co.
CHALLENGER - Bogen-Presto Div.
CHAMET - Chase Brass & Copper Co.
CHAMP - Ten Bosch, Inc., M.
CHAMPION - Channel Master Co.
CHANGE-A-CYCLE - Carter Motor Co.
CHANGE-A-VOLT - Carter Motor Co.
CHANNEL BLAZER - Kay Townes Antenna Co.
CHANNELOC - Geo. K. Garrett Co. Inc.
CHARACTRON - Gen Dynamics/Electronics
CHARGICATOR - Hickok Electrical Instr. Co.
CHAROLITE - UBS Chemical Co.
CHASSIS TRAK - Western Devices, Inc.
CHEM-MILL - Navan Products, Inc.
CHEM-O-SOL - Chemical Products Corp.
CHEM-SIZE - Anadite, Inc.
CHEMCUT - Centre Circuits, Inc.
CHEMELEC - Garlock Electronic Products
CHEMFLUOR - Chemplast, Inc.
CHEMIGUM - Goodyear Tire & Rubber Co.
CHEMINAX - Raychem Corp.
CHEMIPIPE - Ethylene Corp.
CHEMISEAL - Garlock Electronic Products
CHEMWARE - Chemplast, Inc.
CHESTERFLEX - Chester Cable Corp.
CHESTERFLUR - Chester Cable Corp.
CHEVRONS - Everard Tap & Die Corp.
CHI-TRAN - Stancor Electronics Inc.
CHILCO - Chicago Miniature Lamp Works.
CHLOR-TERGENT - Oakite Products Inc.
CHLOROTHENE - Dow Chemical Co.
CHOPPERETTE - Victory Engineering Corp.
CHROMABAR - Kay Electric Co.
CHROMADOT - Kay Electric Co.
CHROMALOX - Wiegand Co., Edwin L.
CHROMAT-O-SCAN - Black Light Products, Inc.
CHROMATO-VUE - Blacklight Corp. of America
CHROMAX - Driver-Harris Co.
CHROMEL - Hoskins Mfg. Co.
CHROMESORTER - Specialties, Inc.
CHROMIC - Riverside-Alloy Metal Div.
CHROMICOAT - Oakite Products Inc.
CHROMOLYTIC - General Instrument Corp.
CHROMOMAX - Leeds & Northrup Co.,
CHRONISTAT - Bergen Laboratories Inc.
CHRONISTOR - Bergen Laboratories Inc.
CHRONODYNE - Armec Corp.
CHRONOHM - Red Bank Div. Bendix Aviation Corp.
CHRONOTRON - Red Bank Div. Bendix Aviation
CIMET - Driver-Harris
CINCH - National Lead Co.
CINE-VOICE - Bach Auricon, Inc.
CINEGOR - Goerz American Optical Co., C.P.
CINTEL - Marconi Instruments
CINTEL - Rank Cintel Ltd.
CIRC-OHM - Bradford Components Inc.
CIRCLE B - Bristol Motor Div. Vocaline Co. of Amer. Inc.
CIRCLE ESS - Stewart Corp., F.W.
CIRCO-SOLV - Circo Corp.
CIRCON - Universal Circuit Controls
CIRCONTROL - Universal Circuit Controls
CIRCOSONIC - Circo Corp.
CIRCUIT-CAPS - General Instrument Corp.
CIRCUITRACER - Desco Mfg Co.
CIRCUITRIM - International Resistance Co.
CIRFLEX-TM - Engelhard Industries, Inc.
CITATION - Harman Kardon, Inc.
CITI-FUNE - Multi-Products Co.
CLAMP LOCK - Simmons Fastener Corp.
CLARAFON - Multitone Electronics Ltd.
CLARCO CPC - Clarkson Labs Inc.
CLAREED - Clare & Co., C.P.,
CLASSIC - Carter Motor Co.
CLASSIC - Newcomb Audio Products Co.
CLASSMASTER - Nuclear Chicago Corporation
CLEANLINER - Taylor Instrument Cos.
CLEAR AIR - Radio Merchandise Sales, Inc.
CLEAR-PASS - Dearborn Electronic Labs. Inc.
CLEASITE - Economy Fuse Div. Fed. Pac.
CLEMET - Cleco Air Tool Div.
CLETALOY - Superior Carbon Products Co.
CLETRON - Cleveland Electronics Co.
CLEVELITE - Cleveland Container Co.
CLIMASTER - Clegg Laboratories
CLIMATE CHANGER - Trane Co.
CLIMATE KING - Pioneer Ind. Div. Almar-York Co.
CLIMATITE - Triad Transformers Corp.
CLIMATOR - BTU Engineering Corp.
CLIMAX - Driver-Harris Co.
CLIPPER - Johns-Manville.
CLIPPER - Linemaster Switch Corp.
CLIPPER - Sterling Transformer Corp.
CLIPPER SERIES - Sterling Transformer Corp.
CLORINOL - Sprague Electric Co.
CLOUDMASTER - Nuclear Chicago Corporation
CMS - Shamban & Co., W.S.
CO-MO-TROL - Weltronic Co.
CO-NETIC - Magnetic Shield Div., Perfection Mica Co.
COATINGAGE - Branson Instruments, Inc.
COAX - Coaxial Components Inc.
COAX-O-MATIC - Tennalab.
COAXAGUIDE - Litton Industries
COAXITUBE - Precision Tube Co., Inc.
COAXWITCH - Bird Electronic Corp.
COBANIC - Driver Co., Wilbur B.
COBRAFLEX - University Loudspeakers Inc.
COBRID - Sage Laboratories, Inc.
CODAMITE - Ling-Temco Electronics
CODUR - Maas & Waldstein Co.
COFLEX-TM - Engelhard Industries, Inc.
COHRLASTIC - Connecticut Hard Rubber Co.
COILGUARD - Vanguard Electronics Co.
COILTENNA - Electrend Products Corp.
COINDA-SCOPE - Pioneer Industries, Div. of Almar-York Co., Inc.
COLARBAR - Century Electronics & Instruments
COLDITE - Stackpole Carbon Co.
COLLARO - Rockbar Corp.
COLOR CORD - Pacific Electricord Co.
COLOR-EYE - Instrument Development Labs., Inc.
COLOR KEYED - Thomas & Betts Co., Inc.
COLOR KING - Channel Master Co.
COLOR-LITE - Sloan Co.
COLOR-PLAST - General Gaskets, Inc.
COLORATURA - Newcomb Audio Products Co.
COLORBEAM - Tennalab.
COLOR'CEPTOR - Winegard Co.
COLORGARD - Gardner Lab. Inc.
COLORTENNAS - JFD Electronics Corp.
COLORTRON - CBS Electronics Div.
COLUMBIA CD - CBS Electronics
COLVERN - British Radio Electronics, Ltd.
COM-ETTE - Webster Electric Co.
COM-PAK - Lambda Electronic Corp.
COMCO - Communications Co.
COMET - Antronic Corp.
COMET - Driver-Harris Co.
COMINCO - Consolidated Mng. & Smltg. Can-Ltd.
COMINO - Sprague Electric Co.
COMMAIRE - Bristol Motor Div. Vocaline Co. Amer.
COMMANDO - Shore Bros. Inc.
COMMERCIAL - Trimm, Inc.
COMMUNICATOR - Soundscriber Corp.
COMMUNICATOR - Litton Industries
COMPACT - Linemaster Switch Corp.
COMPANION - Panoramic Electronics, Inc.
COMPANION-TRIP - Heinemann Electric Co.
COMPAR - Wilson Rubber Co. Div.
COMPATIBLE SSB - Kahn Research Labs Inc.
COMPENTROL - Centralab Electronics Div. of Globe-Union, Inc.
COMPO - Muter Co.
COMPOSIPIX - Litton Industries
COMPREX - Mansol Ceramics Co.
COMPULYTIC - Sprague Electric Co.
COMPUTRAN - International Resistance Co.
COMTEL - Radio Frequency Labs, Inc.
COMVIRONMENTS - Stellardyne Labs., Inc.
COMVOR - Radio Frequency Labs. Inc.
CON AVIONICS - Consolidated Avionics, Inc.
CON DIESEL - Consolidated Diesel Electric Corp.
CON-O-PAK - Continental Sensing, Inc.
CONALERT - Kaar Engineering Corp.
CONAX - Fairchild Recording Eqpt. Co.
CONCERT - Jensen Mfg. Co.
CONCERTO - Jensen Mfg. Co.
CONCENTRIKIT - International Resistance Co.
CONCERT-DISC - Concertapes, Inc.
CONCERTONE - American Electronics Inc.
CONCO - Conrad-Carson Electronics, Inc.
CONDEC - Consolidated Diesel Electric Corp.
CONDENSIFILTER - Hankinson Corp.
CONDOR - Raybestos-Manhattan Inc.
CONDUCT-A-COAT - Etchomatic, Inc.
CONDULETS - Crouse-Hinds Co.
CONDULETTO - Crouse-Hinds Co.
CONFESSIONAIRE - Audio Equipment Co., Inc.
CONFIDENCER - Roanwell Corp.
CONHEX - Sealectro Corp.
CONICAL-V-BEAM - Telrex Labs.
CONNECTICUT - Stueck, Inc., W. Whitney.
CONNECTRONICS - Gremar Mfg. Co., Inc.
CONOLON - Narmco Materials Div.
CONOSEAL - Aeroquip Corp.
CONPERNIK - Westinghouse Electric Corp.
CONSOLETTE - Ampro Corp.
CONSTANT K - Magnatran, Inc.
CONSTAVAC - Green Rectifier Co.
CONTEMPORARY - Jensen Mfg. Co.
CONTOUR TRENTWELD - Trent Tube Co.
CONTROFLEX - Tapeswitch Corp. of America
CONTROL-A-MATIC - Rockwell Engineering Co.
CONTROL-A-SOUND - Fedtro Inc.
CONTROLA-TONE - Continental Manufacturing

CONTROLARC – Vickers, Inc.
CONTROLEAD – Marathon Electric Mfg. Corp.
CONTROLFLEX – Eagle Signal Co. Div.
CONTROLOMAG – Research Industrial Lab. of Electronics
CONVERS-O-CALL – Adrafters
CONVEYCO – Howe Scale Co.
COOPER – Standard Pressed Steel Co.
COP-O-TOP – Chase Brass & Copper Co.
COPAC – Thermocal Div.
COPACO – Cottrell Paper Co., Inc.
COPEL – Hoskins Mfg. Co.
COPPER CROWN – Crown Metal Products
COPPER HEAD – Chicago Expansion Bolt Co.
COPPEROID D – MacDermid Corp.
COPPERPLY – National-Standard Co.
COPPERWELD – Crown Metal Products
COPRAL – Burndy Corp.
CORE-LOCK – Felker Mfg. Co.
CORRIB – Ohmite Mfg. Co.
CORUNDA – Geoscience Instruments Corp.
CORVEL – Polymer Corp.
CORVIC – Chase Brass & Copper Co.
CORWICO – Cornish Wire Co.
COSMICAR – Ichizuka Optical Ind Co.
COUNT-PAK – Veeder-Root Inc.
COUNTERPOISE – Cook Electric Co.
COUPLATE – Centralab Electronics Div. of Globe-Union, Inc.
COUPLE-SWITCH – Burling Instrument Co.
COURIER – E.F. Johnson Co.
COVANDUR – Carpenter Steel Co.
CP 10 – Kleer Vue Mfg. Co.
CP 15 – Kleer Vue Mfg. Co.
CPC – Commercial Plastics Co.
CR-39 – Cast Optics Corp.
CRABLOK – Burndy Corp.
CRAF-TYPE – Craftint Mfg. Co.
CRAFTSCOPE – Waterman Products Inc.
CRAMOLIN – Caig Labs.
CRESCENT – Waldes Kohinoor, Inc.
CREST – Phonograph Corp. America
CRESTBRITE – Crest Transformer Corp.
CRESTRAN – Crest Transformer Corp.
CRESTROL – Crest Transformer Corp.
CRIMPEE – Cannon Electric Co.
CRIMPIT – Burndy Corp.
CRIMTAP – Burndy Corp.
CRITERION – Canadian Research Institute
CRL – Centralab Electronics Div. of Globe-Union,
CRO ART – Croname, Inc.
CROFLEX – Croname, Inc.
CROLOY – Babcock & Wilcox
CROLOY – Crowley Div., A. O. Smith
CROMAG – Crowley Div., A. O. Smith
CROMALOY – Linde Co. Div.
CROMAX – Crowley Div., A. O. Smith
CROMESH – Croname, Inc.
CROMIN D – Driver Co., Wilbur B.
CRONAME – Waldom Electronics Inc.
CROPP – El-Tronics, Inc.
CROROTO – Croname, Inc.
CROVALON – Croname, Inc.
CROWE – Croname, Inc.
CROWEAVE – Croname, Inc.
CROWELD – Croname, Inc.
CROWSNEST – Industrial Systems Co.
CRT – B & K Mfg. Co.
CRYOLYTIC – Safe-T-Mike Corp.
CRYOXCIDE – American Sterilizer Co.
CRYSCOAT – Oakite Products Inc.
CRYSTAL AIR – Radio Merchandise Sales, Inc.
CRYSTOLON – Norton Co.
CTS – Chicago Telephone of Calif.
CTS – Meredith & Co., Ltd., C. C.
CU-CON – Electralab Printed Electronics
CU-FLEX – Minnesota Mining & Mfg. Co.
CU THRU – Allegri-Tech, Inc.
CUAL-AID – Penn Union Electric Corp.
CUB HAILER – Audio Equipment Co., Inc.
CUBIPLUG – Cubic Corp.
CUCLAD – Minnesota Mining & Mfg Co.
CUEMASTER – Rheem Califone Corp.
CUJAK – R F Products Div.
CUPRON – Driver Co., Wilbur B.
CUPROCHROME – Driver Co., Wilbur B.
CURRENT GOVERNOR – North Hills Electric Co.,
CURSOLV – Curtiss - Wright Corp.
CURVE-RITE – Otarion Listener Corp.
CURVILINE – R.M.S. Assoc. Inc.

CUSTOMODE – Jensen Mfg. Co.
CY-AN-IN – Indium Corp. of America
CYANINE – Burke & James, Inc.
CYCLE-FLEX – Eagle Signal Co. Div.
CYCLEMAG – Acromag Inc.
CYCOL – Electronic Processes Corp.
CYCLOMATIC – American Sterilizer Co.
CYCLONOME – Sigma Instruments, Inc.
CYCLOPS – Berkeley/Dynamics
CYCLOTAR – Gordon Enterprises
CYCOLMASTER – Electronic Processes Corp.
CYNO-GLAS – Electro-Tech. Prods. Div. Sun Chem.

D-315 – Dyna-Empire, Inc.
D-855 – Dyna-Empire, Inc.
D-873 – Dyna-Empire, Inc.
DACRALITE – Electric Autolite Co.
DACOLYTE – E.I. du Pont de Nemours & Co. Inc.
DADIT – Daystrom Inc.
DAG – Acheson Colloids Co., Div. Acheson Industries, Inc.
DAGLAS – Phelps Dodge Copper Products Corp.
DAGOR – Goerz American Optical Co., C. P.
DAISY – Huck Mfg. Co.
DAKAWARE – Davies Molding Co., Harry,
DALIC – Sifco Metachemical, Inc.
DALLETT – Cleco Air Tools
DALMOTRON – Talkmaster Inc.
DALOHM – Dale Products, Inc.
DAM – Stony Brook Labs. Inc.
DANAVOX – Rye Sound Corp.
DANDEE – Aerovox Corp.
DANDRY – Daniels Inc., C.R.
DANDUX – Daniels Inc., C.R.
DANTEX – Daniels Inc., C.R.
DAP – Bendix Semiconductor Products
DAPON – Food Machinery & Chemical Corp., Chemicals & Plastics Div.
DART – Arro Expansion Bolt Co.
DATA BLOC – Harvey Wells Electronics, Inc.
DATA-LINE – Data-Master Corp.
DATA-LINER – Data-Master Corp.
DATA MATRIX – Dialight Corp.
DATA METER – Auto Data
DATA PAC – Harvey-Wells Electronics, Inc.
DATA STRIP – Dialight Corp.
DATA TEK – Data Technology, Inc.
DATA-TRAK – Research, Inc.
DATA-VISION – Dage Television Div.
DATACOM – Electrada Corp.
DATAFAX – Stewart-Warner Electronics Div.
DATAFLASH – Consolidated Electrodynamics
DATAGRAPH – Consolidated Electrodynamics
DATALAB – Consolidated Electrodynamics Corp.
DATALITE – Dialight Corp.
DATAPLOTTER – Electronic Associates Inc.
DATARITE – Consolidated Electrodynamics Corp.
DATASYNC – Bach Auricon, Inc.
DATATAPE – Consolidated Electrodynamics Corp.
DATATEL – Lenkurt Electric Co., Inc.
DATEC – Stone Labs. Inc.
DATICO – Northrop Corp.
DATRANYST – Northeast Electronics Corp.
DAUBRITE – Daubert Chemical Co.
DAVENOIL – Daven Co.
DAVOHM – Daven Co.
DAZIC – Winterburn Mfg. Co.
DB – Beckman Instruments Inc.
DC – Dinion Coil Co., Inc.
DC – Daubert Chemical Co.
DC PAK – Red Bank Div. Bendix Aviation Corp.
DE-60 – Clary Corp.
DE ARMOND – Rowe Industries.
DE CE DUCER – Edcliff Instruments
DE-PARKER – Hudson Wire Co.
DE-STA-CO – Detroit Stamping Co.
DEC – Digital Equipment Corp.
DECA METER – Auto Data
DECA-SWEEP – Decade Instrument Co.
DECADIAL – Kilo Engineering Co.
DECALATOR – Decade Instrument Co.
DECASOL – Decimeter Prods. Co.
DECAVIDER – Decade Instrument Co.
DECI – Dwyer Engrg. Co. Inc.
DECITRON – Post Electronic Prods.
DECOHM – Davis Electric Co.
DEE MON-HEET – Wall Mfg. Co., P.
DEECEEDUCER – Solid State Electronics Co.

DEEP-CUT – Krengel Mfg. Co., Inc.
DEFIANCE – All Star Products, Inc.
DEHYDRAFILTER – Hankinson Corp.
DEK-A-PLUG – Consolidated Resistance Co., of America
DEKABOX – Electro Scientific Industries Inc.
DEKADIAL – Electro Scientific Industries Inc.
DEKAPACITOR – Electro Scientific Industries Inc.
DEKAPOT – Electro Scientific Industries Inc.
DEKASTAT – Electro Scientific Industries Inc.
DEKATRON – Baird-Atomic, Inc.
DEKAVIDER – Electro Scientific Industries Inc.
DELAY LINE FLATS – Columbia Technical Corp.
DELEFORM – Delevan Electronics Corp.
DELPARK – Commercial Filters Corp.
DELRIN – E.I. du Pont de Nemours & Co. Inc.
DELTA – Decker Corp.
DELTA-COUPLE – Advanced Technology Labs.
DELTA-T – Wakefield Engineering Inc.
DELTADYNE – Pall Corp.
DELTAMAX – Arnold Engineering Co.
DELTAPLY – Dearborn Electronic Labs., Inc.
DELTASWITCH – Advanced Technology Labs.
DELUXE – Linemaster Switch Corp.
DEMCO – Electro Powerpacs, Inc.
DENSICHRON – Welch Scientific Co.
DENSITE – West Virginia Pulp & Paper Co.
DENSITROL – Precision Thermometer & Instrument
DENSITRY – Amphenol-Borg Electronics Corp.
DEOXO – Engelhard Industries, Inc.
DEOXO FLUX – Engelhard Industries, Inc.
DEPENDABLE – Trimm, Inc.
DERMITRON – Unit Process Assemblies, Inc.
DESCO – Dietz Design, Inc.
DESICOTE – Beckman Instruments, Inc.
DESK-TOPPER – Universal Drafting Machine Corp.
DESKFAX – Western Union Telegraph Co.
DETECT-A-FIRE – Fenwal Incorporated.
DETECTO TEMP – Curtiss-Wright Corp.
DETER MOHN – Ohmite Mfg. Co.
DEVELCO – Developmental Electronics Corp.
DEVELCO – Development Engineering Co., Inc.
DEVELOCORDER – Geotechnical Corp.
DEVOSEAL – Devon Tape Corp.
DFI CLEVELAND – Designers for Industry
DI-LOK – Felker Mfg. Co.
DI-MAX – Armco Steel Corp.
DI-MET – Felker Mfg. Co.
DI-T – United Transformer Corp.
DIA PRINT CHASE – Kresslik Products, Inc.
DIA-PUMP – Air Control, Inc.
DIACONE – Altec Lansing Corp.
DIACROM – Jonard International Corp.
DIAGNOSTIX – Comet Co.
DIAGNYZER – Apparatus Development Co., Inc.
DIAL-A-GAIN – Unholtz - Dickie Corp.
DIAL-A-STAT – General Resistance Inc.
DIAL-A-TALK – Campbell-Norquist & Co.
DIAL-A-VIDER – General Resistance Inc.
DIAL SAW – Erwood, Inc.
DIAL-X – Gen. Dynamics/Electronics
DIALAMATIC – JFD Electronics Corp.
DIALCO – Dialight Corp.
DIALGLO – Ackerman Engravers, Inc.
DIALL – Mesa Plastics Co.
DIAMALLOY – Diamond Tool & Horseshoe Co.
DIALMASTER – Gen Dynamics/Electronics
DIAMOND G – Geo. K. Garret Co. Inc.
DIALTROL – Jordon Controls, Inc.
DIAMOND – Continental-Diamond Fibre Corp.
DIAMOND – Eagle Electric Mfg. Co.
DIAMOND H – Hart Mfg. Co.
DIAMOND TRUSS – Tower Construction Co.
DIAMOND WEAVE – Sickles, F. W. Div.
DIARON – Reichhold Chemicals, Inc.
DICE CUBE – Hi-G, Inc.
DICLAD – Continental-Diamond Fibre Corp.
DICO – Diamond Antenna & Microwave Corp.
DIDDLE STICKS – Workman TV Products, Inc.
DIELOX – Electralab Printed Electronics
DIFF – Phoenix Precision Instrument Co.
DIFFAXIAL – University Loudspeakers, Inc.
DIFFUSED AER-HEET – Temperature Engrg. Corp.
DIFFUSICONE – University Loudspeakers, Inc.
DIFILM – Sprague Electric Co.
DIFLEX – Insulation Manufacturers Corp.
DIGI-CHRON – Delta - F, Inc.
DIGI DATEX – Sonex, Inc.
DIGI-PAK – Telemeter Magnetic's Inc.
DIGICON – Digitran Co.

DIGIDIAL – Beckman Instruments, Inc.
DIGIDUCER – Edcliff Instruments
DIGIFLEX – USI Robodyne
DIGIMATIC – Instrument Corp of Fla.
DIGIMOTOR – Ledex Inc.
DIGIPAC – Dynamic Controls Co.
DIGIPOT – Digitran Co.
DIGIPRINTER – Moran Instrument Corp.
DIGISWITCH – Digitran Co.
DIGISYN – Wayne-George Corp.
DIGITALLY – Digitran Co.
DIGITAPE – Benson-Lehner Corp.
DIGITIZER – Coleman Electronics, Inc.
DIGITOMETER – Electro Mec Div., Waltham Prec.
DIGITORK – Pace Controls Corp.
DIGITOTE – Digitran Co.
DIGITROL – Electro Precision Corp.
DIGITRONIC – Weltronic Co.
DILECTO – Continental-Diamond Fibre Corp.
DIMENSI-FONES – Permoflux Products Co.
DIONIC – Evershed & Vignoles Ltd.
DIP-PAK – Fidelity Chemical Products Corp.
DIRECTOR – Apeco Amer. Photocopy Equip. Co.
DIRECTRON – Sanford Miller Co.
DIRECTRONIC – Snyder Mfg Co.
DIS-CAP – Design Tool Co. Div.
DISCOHM – Ward Leonard Electric Co.
DISONTEGRATOR – Ultrasonic Industries, Inc.
DISPATCHER – Shure Bros. Inc.
DISPENSARACK – Alpha Wire Corp.
DIVATEL – Westrex Corp.
DIVATEL – Litton Industries
DIVCO – Division Lead Co.
DIVERITRON – Technical Appliance Corp.
DIVIDOHM – Ohmite Mfg. Co.
DJ – National Lead Co.
DJECO – Djordjevic Engrg. Co.
DK – Beckman Instruments, Inc.
DK – R F Products, Div.
DK – Kyoritsu Electrical Works Ltd.
DM – Deutsch Co.
DO-T – United Transformer Corp.
DOBRO – Valco Mfg. Co.
DOC ALLOYS KIT – All-State Welding Alloys Co., Inc.
DOGBONE – Engelhard Industries, Inc.
DOMINO – Sprague Electric Co.
DOR GAR D – Kinematic Systems
DORANIC – Douglas Randall, Inc.
DORLITE – Drake Mfg. Co.
DOT – Ucinite Co., Div., United-Car Fastener Corp.
DOT – Devon Tape Corp.
DOUBLE TALK – Radio Merchandise Sales Inc.
DOUBLEX – Johns-Manville.
DOUBLE DAZY – Arro Expansion Bolt Co.
DP-ALNICO 5 – Jensen Mfg. Co.
DR – Deutsch Co.
DRD – Kay Electric Co.
DRI-FILM – General Electric Co.
DRI-STAT – Peerless Photo Products, Inc.
DRILL-AMATIC – Develop-Amatic Engrg.
DRILL HOLE – Precision Radiation Instr. Inc.
DRIVE-PAK – Telemeter Magnetic's Inc.
Chemical Corp.
DRS – Deutsch Co.
DURALINE – Universal Drafting Machine Corp.
DRYCID – Oakite Products Inc.
DRYGALV – American Solder & Flux Co.
DRYMETER – Kokusai Elec. Co. Ltd.
DRYSEAL – Revere Copper & Brass Co.
d/M-GAUGE – Nuclear Chicago Corporation
DSP – Dry Screen Process, Inc.
DTR-100 – Par Products Corp.
DU – Beckman Instruments, Inc.
DUAL-DELTA – Tennalab
DUAL LOCK – Simmons Fastener Corp.
DUAL REMOTE – Fedtro Inc.
DUALFLEC – R.M.S. Assoc. Inc.
DUALSTAT – Valverde Labs.
DUALTRONIC – Goldak Co., Inc.
DUAX – Jensen Mfg. Co.
DUCKVAR – Electro-Tech. Prods. Div. Sun Chem.
DUCO – E. I. du Pont de Nemours & Co., Inc.
DUCT-WRAP – Zippertubing Co.
DUCTER – Evershed & Vignoles Ltd.
DUCTRAK – Western Devices, Inc.
DUETTE – Jensen Mfg. Co.
DULAC – Maas & Waldstein Co.
DULUX – E. I. du Pont de Nemours & Co., Inc.
DUNCO – Struthers-Dunn, Inc.

DUO-BAND - Telrex Labs.
DUO-SEAL - Welch Scinetific Co.
DUO-THERM - E.V. Hill & Co.
DUOCARB - Driver Co., Wilbur B.
DUODIAL - Beckman Instruments, Inc
DUOGASKET - Technical Wire Products, Inc.
DUOLUX - Masonite Corp.
DUOSTRIP - Technical Wire Products, Inc.
DUOTRACE - Aluminum Co. of America
DUPLEX - Altec Lansing Corp.
DUPLICAN - Canadian Raduim & Uranuim Corp.
DURACHEM - Maas & Waldstein Co.
DURACOM - General Devices, Inc.
DURACON - Co-operative Industries, Inc.
DURACRIL - Maas & Waldstein Co.
DURACUT - Bay State Abrasive Products Co.
DURADIANT - Selas Corp. of America
DURAFLEX - Anaconda Amer. Brass Co.
DURAFLEX - Co-Operative Industries, Inc.
DURAFLEX-TM - Engelhard Industries, Inc.
DURALAR - Duralith Corp.
DURALENE - Osborne Elec. Co. Ltd.
DURALYTIC - Safe-T-Mike Corp.
DURAMEG - Sprague Electric Co.
DURAMAC - Osborne Elec. Co. Ltd.
DURANITE - Aerovox Corp.
DURANYL - Duralith Corp.
DURASLEEVE - General Plastics Corp.
DURASYL - Bentley-Harris Mfg., Co.
DURAVIN - Whitaker Cable Corp.
DURIUM - Burndy Corp.
DURO-VAC PROCESS - Glasseal Products Co.,
DUROBRITE - E.I. du Pont de Nemours & Co. Inc.
DUROFLOW - Chester Cable Corp.
DUROGLASS - Chicago Dial Co.
DUROTHERM - Hexacon Electric Co.
DUST BUG - Electro-Sonic Labs.
DUSTRONIC - Radex Corp.
DUSTUBE - Wheelabrator Corp.
DUTCH BOY - National Lead Co.
DUTCHBRAND - Johns-Manville.
DUXSEAL - Johns-Manville.
DUZALL - All-State Welding Alloys Co., Inc.
DVC - University Loudspeakers, Inc.
DYNASERT - United Shoe Machinery Corp.
DYLAN - Koppers Co. Inc.
DYLENE - Koppers Co. Inc.
DYLITE - Koppers Co. Inc.
DYKOR - Digitronics Corp.
DYMOGRAPH - Annis Co., R. B.
DYNA-DAMP - Lord Mfg. Co.
DYNA-FI - Telex Inc.
DYNA LEVEL - Conr. Ltd., C.G.
DYNA-LITE - Fedtro Inc.
DYNA-Q - K-W Engineering Works.
DYNA-QUIK - B & K Mfg. Co.
DYNA-SCAN - B & K Mfg. Co.
DYNA-TACH - Electric Tachometer Corp.
DYNA-TWIN - Telex Inc.
DYNAC - Leclanche S.A.
DYNACO - Dynamic Gear Co. Inc.
DYNACON - Nuclear Chicago Corporation
DYNACOR - Sprague Electric Co.
DYNACOR - Applied Dynamics Div. Atlee Corp.
DYNAFAX - Beckman & Whitley, Inc.
DYNAGAGE - Photocon Research Products.
DYNAKIT - Dynaco, Inc.
DYNALITE - C.T.S. of Canada Ltd.
DYNAMAG - Radiation Dynamics Inc.
DYNAMASTER - Bristol Co.
DYNAMAX - Comet Co.
DYNAMAZE - Dynameans, Inc.
DYNAMIC - Jackson Electrical Instrument Co.
DYNAMIC - Leclanche S.A.
DYNAMIC BETA - Hickok Electrical Instr. Co.
DYNA-MITE - Control Dynamics Corp.
DYNAMITRON - Radiation Dynamics Inc.
DYNAMO - Channel Master Corp.
DYNAMONITOR - Endevco
DYNAMU - Maico Electronics, Inc.
DYNAPAC - Bourns, Inc.
DYNARACK - Escotronics
DYNARAY - Electro Powerpacs, Inc.
DYNASET - Telex Inc.
DYNASHOCK - Lord Mfg. Co.
DYNASTAT - Consolidated Controls Corp.
DYNATEST - CompuDyne Corp.
DYNATHERM - Bethlehem Fdry. & Mach. Co.
DYNATROL - Automation Products, Inc.
DYNATROL - C.T.S. of Canada Ltd.

DYNAVAR - Hamilton Watch Co.
DYNAVERTER - Aircraft Radio Corp.
DYNAWAVE - Radio Merchandise Sales, Inc.
DYNETIC - Shure Brothers, Inc.
DYNETICS - Applied Dynamics Corp.
DYNETICS - Applied Dynamics Div. Atlee Corp.
DYNOGRAPH - Offner Electronics, Inc.
DYNOGRAPH - Annis Co., R.B.
DYNOID - Mc Quay-Norris Mfg. Co.
DYNOMAX - Gordon Enterprises
DYSTAC - Computer Systems, Inc.
DUO-VOLT - Carter Motor Co.

"E" - Delevan Electronics Corp.
E-CASE - Epoxy Products, Inc.
E.E.D - I.D.E.A. Inc.
E-FORM - Epoxy Products, Inc.
E-I - Electrical Industries a Div. of Philips Electronics & Pharmaceutical Industries Corp.
E-LITE - Eldema Corp.
E.P.R. - Eastern Precision Resistor Co.
E-PAK - Epoxy Products, Inc.
E PUT - Beckman/Berkeley Div.
E.R.D. - Electronic Research & Dev., Co., Ltd., Div. Mandrel Inds.
E.R.D. - Electronic Research & Dev., Co., Ltd.
E-Z - Penn Union Electric Corp.
E-Z - Ideal Industries, Inc.
"E-Z" - Continental Connector Corp.
E-Z-CODE - Westline Products Div. of Western Lithograph Co.
E-Z-CUT - Ryerson & Son, Inc., J.T.
E-Z FIND - AKRO-Mils, Inc.
E-Z MATE - Elco Corp.
E-Z-MOBILE - Escotronics
E-Z-RED - Wadsworth Electric Mfg. Co., Inc.
E-Z-TRIM - Bourns, Inc
E-Z WIRE - Eagle Electric Mfg. Co.
EAGALINE - Eagle Electric Mfg. Co.
EAGALOK - Eagle Electric Mfg. Co., Inc.
EAGLE - U. S. Steel Corp.
EAGLE BRAND - Folters Co.
EAR - Polarad Electronics Corp.
EARSET - Telex Inc.
EASE - Beckman/Berkeley Div.
EASE IT - Workman TV Products, Inc.
EASY-FLO - Handy & Harman
EASYMATCH - Alford Mfg. Co.
EBONOL - Enthone, Inc.
ECCO LUNEBERG LENS - Emerson & Cuming,
ECCO REFLECTOR - Emerson & Cuming, Inc.
ECCOBILD - Emerson & Cuming, Inc.
ECCOBOND - Emerson & Cuming, Inc.
ECCOCOAT - Emerson & Cuming, Inc.
ECCOFOAM - Emerson & Cuming, Inc
ECCOMOLD - Emerson & Cuming, Inc.
ECCOSEAL - Emerson & Cuming, Inc.
ECCOSIL - Emerson & Cuming, Inc.
ECCOSORB - Emerson & Cuming, Inc.
ECCOSPHERES - Emerson & Cuming, Inc.
ECCOSTOCK - Emerson & Cuming, Inc.
ECHO - Fort Wayne Metals, Inc.
ECHO-LITE - Transistor Electronics Corp.
ECHO-VOX - Kay Electric Co.
ECHOMETER - Curtiss - Wright Corp.
ECHOSCOPE - Curtiss - Wright Corp.
ECO - Economy Fuse Div. Fed. Pac.
ECON-DUAL - Economy Fuse Div. Fed. Pac.
ECON-O-LINE - Associated Testing Labs. Inc.
ECON-O-LINE MARK II - Associated Testing Labs. Inc.
ECON-O-TAPE - Engelhard Industries, Inc.
ECONO-WATT - Redmond Co., Inc.
ECONOMY BENDER - Design Tool Co. Inc.
ECONOGLO - Drake Mfg. Co.
ECONOHM - Tru-Ohm Prods. Div.
E/D - Fairchild Recording Eqpt. Corp.
EDACON - Andromeda, Inc.
EDCO - Electronics Design Co.
EDDYSTONE - Marconi Instruments
EDGE-ON - Burndy Corp.
EDGEOHM - Ward Leonard Electric Co.
EDI-MIDGET - Electro Devices, Inc.
EDP - Empire Devices Products Corp.
EDSCORP - Edmund Scientific Co.
EECO - Electronic Engineering Co.
8-BALL - Ward Products Corp.
EICO - Electronic Instrument Co., Inc.

EII - Electronic Industries, Inc.
EIMAC - Eitel-McCullough, Inc.
EKC - Electra Mfg. Co.
EKOMATIC - Labortoire Ind. de Phys. Appl.
EKOTAPE - Webster Electric Co.
EKTACOM - Fisher Berkely Corp.
EKTACOM - Bennett Laboratories Inc.
EKTRON - Eastman Kodak Corp.
ELASCO - Electronic Assembly Co., Inc.
ELASTICABLE - National Radio Co.
ELASTO-RIB - Korfund Co. Inc.
ELDEC - Electro Development Co.
ELDICO - Radio Engineering Labs., Inc.
ELECORD - Pacific Electricord Co.
ELECT-O-VOLT - Minn-Honeywell-Brown Instr. Div.
ELECTENNA - Electrend Products Corp.
ELECTONE - Electron Enterprises
ELECTR-O-LINE - Brown Instr. Div. Minn. Honeywell
ELECTR-O-PROBE - Instruments, Inc.
ELECTRALARM - Nuclear Electronics Corp.
ELECTRALERT - Nuclear Electronics Corp.
ELECTRICITY'S SAFETY VALVE - Bussmann Mfg. Div.
ELECTRICORD - Pacific Electricord Co.
ELECTRIDUCT - Ideas, Inc.
ELECTRITE - West Va., Pulp & Paper Co.
ELECTR-O-SEAL - Parker Seal Co.
ELECTRO-CHEMOGRAPH - Leeds & Northrup Co.
ELECTRO-DRY - Republic Foil Inc.
ELECTRO-PLEX - Nuclear Electronics Corp.
ELECTRO PROBE - Erwood, Inc.
ELECTRO-PULSE - Minn-Honeywell-Brown Instr. Div.
ELECTRO-SHEAVE - Warner Electric Brake & Clutch Co.
ELECTRO SHEET - Anaconda Amer. Brass Co.
ELECTRO-SRAN - Bendix Aviation Corp.
ELECTRO-TECH - Mandrel Industries, Inc.
ELECTRO THIN - Electro Flex Heat, Inc.
ELECTRO-VANE - Minn-Honeywell-Brown Instr. Div.
ELECTROBOND - Cavitron Electron Oscillator Div. Short Wave Plastic Forming Co.
ELECTROC - Sprague Electric Co.
ELECTROCAPS - Electro - Ceramics, Inc.
ELECTROCAP - Bergen Laboratories, Inc.
ELECTROCOM - General Devices, Inc.
ELECTROCUT - Black & Webster, Inc.
ELECTROFARAD - Aerovox Corp.
ELECTROFLEX - Eagle Signal Co. Div.
ELECTROGRAPH - Century Electronics & Instruments
ELECTROGRAPHIC - Precise Measurements Co.
ELECTROHME - Dominion Electrohome Ind., Ltd.
ELECTROLOY - Molecu-Wire Corp.
ELECTROLUBE - Electralab Printed Electronics
ELECTROMAX - Leeds & Northrup Co.
ELECTROMET - Union Carbide Metals Co.
ELECTROMETRIC - Whitewater Electronics, Inc.
ELECTROMITE - Illinois Condenser Co.
ELECTRONAMIC - Precision Apparatus Co., Inc.
ELECTRONIC SERVANT - Wiegand Mfg. Co.
ELECTRONIK - Minn-Honeywell-Brown Instr. Div.
ELECTROPACK - Telegraph Condenser Co. Ltd.
ELECTROPLEXER - Ascop Div. Electro Mech. Research Inc.
ELECTROPOT - Pacific Electronic Controls Corp.
ELECTROPUNCH - Black & Webster, Inc.
ELECTRORIVET - Black & Webster, Inc.
ELECTROSET - Black & Webster, Inc.
ELECTROSENSOR - Halex, Inc
ELECTROSTAKE - Black & Webster, Inc.
ELECTROSTORE - Image Instruments, Inc.
ELECTROSYN - American Standard Controls Div.
ELECTROTABLE - Black & Webster, Inc.
ELECTROTAPE - Cubic Corp.
ELECTROX - Schauer Mfg. Corp.
ELECTRUNITE - Republic Steel Corp.
ELEVOICE - Electro-Sonic Labs.
ELEX - Arlo Electronics Corp.
ELGIN-ADVANCE - Elgin National Watch Co.
ELIMAG - American Time Products, Inc.
ELINCO - Electric Indicator Co.
ELINVAR EXTRA - Hamilton Watch Co.
ELKMOLD - Telegraph Condenser Co. Ltd.
ELKOLOY - Mallory & Co., Inc., P. R.
ELKONITE - Mallory & Co., Inc., P. R.
ELKONITE - Johnson, Matthew & Mallory, Ltd.

ELKONIUM - Mallory & Co., Inc., P. R.
ELKONIUM - Johnson, Matthew & Mallory, Ltd.
ELLANAR - L & R Mfg. Co.
ELLISCO - Ellis & Sons, Inc. George D.
ELMEG - Presin Co.
ELMENCO - Electro Motive Mfg. Co.
ELMET - Philips Elmet Corp.
ELPAC - Erie Resistor Corp.
ELPHCO - Electro-Physics Co.
ELTAP - Burndy Corp.
ELTEX - Electro-Tech. Prods. Div. Sun Chem.
ELVACET - E. I. du Pont de Nemours & Co., Inc.
ELVANOL - E.I. duPont de Nemours & Co. Inc.
ELVAX - E.I. duPont de Nemours & Co. Inc.
EMC - American-Marietta Co.
EMC - Electronic Measurements Corp.
EMCEE - Electronics, Missiles & Comm. Inc.
EMCOR - Elgin Metalformers Corp.
EMCOR - Ingersoll Prods. Div. Borg Warner
EMICO - Electro-Mechanical Instrument Co
EMPIRE - Minnesota Mining & Mfg. Co.
EMPIRE ARMATITE - Minnesota & Mfg. Co.
EMPOWER - Empire Devices Products Corp.
EMPRESS OF THE SEAS - Hudson Amer. Div. Vocaline Co.
EMRALON - Archeson Colloids Co.
EMT - Electronic Applications, Inc.
EMTECH - Electromagnetic Technology Corp.
ENCAPSULAYER - Photocircuits Corp.
ENDER-MONARCH - Acoustica Associates, Inc.
ENDEX - Sunbeam Equipment Corp.
ENDURANCE - General Insulated Wire Works, Inc.
ENDURO - Republic Steel Corp.
ENDURPRENE - General Insulated Wire Works,
ENFLON - Enflo Corp.
ENGIN SCOPE - Du Mont Labs., Inc., Allen B.
ENGINEERED ECONOMY - Radio Cores, Inc.
ENGRAVOGRAPH - New Hermes Engraving Mach. Corp.
ENRAD - Enflo Corp.
ENSA - Elastic Stop Nut Corp. of America
ENSTRIP - Enthone, Inc.
ENTEK - Enthone, Inc.
ENTHONICS - Enthone Inc.
ENWAY - Esso Standard Div. Humble Oil
EP - Electronic Products Co.
EP AUDIOTAPE - Audio Devices, Inc.
EPIALL - Mesa Plastic Co.
EPIBOND - Furane Plastics Inc.
EPIC - Electrical & Physical Inst. Corp.
EPINATE - American Printed Circuits Co., Inc.
EPLAB - Eppley Lab. Inc.
EPOCAP - Hardman Co., Inc., H. V.
EPOCAST - Furane Plastics Inc.
EPOLAC - Lawrence Adhesive & Chem. Co
EPON - Shell Chemical Co.
EPOSET - Hardman Co., Inc., H. V.
EPOTUF - Reichhold Chemicals Inc.
EPOWELD - Hardman Co., H. V.
EPOXP - Lawrence Adhesive & Chem. Co.
EPOXY-CRETE - Ambroid Co
EPOXY-TREAD - Ambroid Co
EPS-LINE - Lab. for Electronics, Inc.
EPSI - Laboratory for Electronics Inc.
EQUALINE - Entron, Inc.
EQUATROL - Entron, Inc.
EQUI TORQUE - Radio Cores, Inc.
EQUIBAR - Trans-Sonics, Inc.
EQUIP-A-MATIC - Combined Electronics, Inc
EQUIPHASE - Trans - Sonics, Inc.
ERCO - ACF Industries Div.
ERD-DUMONT - Electronic Research & Dev., Co., Ltd., Div. Mandrel Inds.
ERECTOHMS - Workman TV Products, Inc.
ERECTRONICS - General Electronic Labs., Inc.
ERICOFON - North Electric Co.
ERIEFLEX - Erie Resistor Corp.
ERSA - Caig Labs. Inc.
ERX - Jem Electronics Corp.
ESCO - Electric Specialty Co.
ESCO - Electric Switch Corp.
ESIAC - Electro Scientific Industries Inc.
ESICO - Electric Soldering Iron Co.
ESICO LUGER - Electric Soldering Iron Co.
ESL - Electro-Sonic Labs., Inc.
ESNA - Elastic Stop Nut Corp of Amer.
ESSOWAX - Esso Standard, Div. of Humble Oil & Refining Co.
ESTAR - Sprague Electric Co.
ETC - Electronic Tube Corp.

ETHOCEL – Dow Chemical Co.
EUCLID – Gen. Dynamics/Electronics
EUREKA – E. I. du Pont de Nemours & Co., Inc.
EVABRITE – Bache & Co., Semon.
EVALAST – Bacha & Co., Semon.
EVANOHM – Driver Co., Wilbur B.
EVENTEMP – Crovon, Ltd.
EVERDUR – Anaconda Amer. Brass Co.
EVEREADY – Union Carbide Corp.
EVERFAST – Ambroid, Co.
EVERLITE – Curtis Dev. & Mfg. Co.
EVERLOCK – Thompson – Bremer & Co.
EVR-KLEER – Cast Optics Corp.
EX-AC – Cleveland Instrument Co.
EXACT-FAX – General Photo Prods. Co., Inc.
EXACT-MATCH – Blonder-Tongue Laboratories, Inc.
EXACTOHMS – Workman TV Products, Inc.
EXCO – Electro Switch Corp.
EXECUTIVE – Internat'l. Crystal Mfg. Co., Inc.
EXECUTIVE – Linemaster Switch Corp.
EXECUTIVE SECRETARY – Soundscriber Corp.
EXGGAS – Sunbeam Equipment Corp.
EXPEEDITER – Rotolite Sales Corp.
EXPLORER II – Translite Electronics Corp.
EXPLOROFORMER – Geotronic Labs., Inc.
EXTEND IT – Workman TV Products, Inc.
EYE SAVING – Westinghouse Electric Corp.
EZC CABINET – Kleer Vue Mfg. Co.

FABMIKA – Sprague Electric Co.
FACITAPE – Autonetics
FAIRPRENE – E. I. du Pont de Nemours & Co., Inc
FALCO – Fairmount Aluminum Co.
FANFARE – Fanon Electronic Ind., Inc.
FANON-FONE – Fanon Electronic Ind., Inc.
FARCO – Farrelloy Corp.
FARCO – Farwest Mfg. Div.
FARLITE – Farley & Loetscher Mfg. Co.
FAST-TALK – Radio Merchandise Sales, Inc.
FASTATCH – Centralab Electronics Div. of Globe-Union, Inc.
FASTEE – Enton Inc.
FASTEN-PAK – Mid Continent Screw Prods. Co.
FASTLINE – Optical Gaging Products, Inc.
FAT FANNIE – Waber Electronics, Inc.
FAT PHOEBE – Waber Electronics Inc.
FATHOMETER – Raytheon Co.
FAULT-FINDER – Smith-Florence, Inc.
FAXIMILE – Hogan Faximile Corp.
FAXIMILE HOGAN – Telautograph Corp.
FAXKOTE – Hogan Faximile Corp.
FAXPAPER – Hogan Faximile Corp.
FAXPAPER – Telautograph Corp.
FAXWRITER – Litton Industries
FAZE-BOX – American Measure & Control
F/B – Bailey Meter Co.
FBI – U. S. Components, Inc.
FEATHERWEIGHT – Trimm, Inc.
FEATHERWEIGHT – Goldak Co., Inc.
FEATHERWEIGHT – Hexacon Electric Co.
FEEDUCT – Columbia Metal Box Co.
FEL-COPRENE – Felt Products Mfg. Co.
FELCO – Forest Electric Co.
FELCOID – Felt Products Mfg. Co.
FEN-TUBE – Fen-Tone Corp.
FEN-WIRE – Fen-Tone Corp.
FERALOY – Crouse-Hinds Co.
FERRAC – Airpax Electronics Inc.
FERRACTOR – Remington Rand Univac
FERRALOY – Ferro Powdered Metals, Inc.
FERRAMIC – General Ceramics Div.
FERRAMIC MAC – General Ceramics Div
FERRAMIC MAD – General Ceramics Div.
FERRI-CHOKE – Superex Electronics Corp.
FERRI-LOOPSTICK – Superex Electronics Corp.
FERRICODE – Consolidated Controls Corp.
FERRICORE – National Moldite Co. Inc.
FERRIMAG – Crucible Steel Co. of America
FERRO – Linda Co. Div.
FERRO-CELL – Topatron, Inc.
FERRO-DAMP – Ferro Powdered Metals
FERRO LINE – Airtron, Div. of Litton Industries.
FERRO-SHEEN – Ampex Magnetic Tape Prods.
FERROGUIDE – Litton Industries
FERROLINE – Litton Industries
FERROMETAL – Milwaukee Stamping
FERROTHON – Polymer Corp.
FERROXDURE – Ferroxcube Corp. America of
FERROXKOR – Ferroxcube Corp. America of
FERROXPLANA – Ferroxcube Corp. of America
FEXITRON – Field Emission Corp.
FF – Switchcraft, Inc.
FI-R – Wintronics
FIBERFILM – Amflex Products Dept. of AMF
FIBERLOC – Felters Co.
FIBREMAT – Minnesota Mining & Mfg. Co
FIDELIFLARE – Racon Electric Co. Inc.
FIDELIS – V-M Corp.
FIDELITONE – Permo, Inc.
FIDELITREND – Electrend Products Corp.
FIL-CAP – Filtron Co. Inc.
FIL–THERM – Filtron Co. Inc.
FILMAGNETRIC – Bach Auricon Inc.
FILMEX – Mansol Ceramics Co.
FILMISTOR – Sprague Electric Co.
FILMITE – Sprague Electric Co.
FILMPOT – Fairchild Controls Corp
FILNIC – Driver-Harris Co.
FILT-A-COR – Magnetic Core Corp.
FILTEROL – Sprague Electric Co.
FILTOROIDS – Magnetic Metals Co.
FINCO – Finney Co.
FINGRIP – Burndy Corp.
FINNFLEX – Finn Co. Inc., T. R.
FIRBO-FORCED – Holo-Krome Screw Cap
FIREBALL – JFD Electronics Corp.
FIREBAN – Taylor Fibre Co.
FIREWALL – Rockbestos Wire & Cable Co.
FIREYE – Electronics Corp. of America.
FIREZONE – Rockbestos Wire & Cable Co.
FITGO – Beckman Instruments Inc.
FIVE HUNDRED – E.F. Johnson Co.
5 WAY – Superior Electric Co.
FIXTOHM – Campbell Industries Inc.
FLAIR LINE – Jensen Mfg. Co.
FLASH DRIVER – Fedtro Inc.
FLASH-FLOW – Ewald Instruments
FLASHDUR – Maas & Waldstein Co.
FLAWMASTER – Biggs Co. Inc., Carl H.
FLEETCOM – Communications Co.
FLEETLINE – Sperry Gyroscope Co.
FLEETWOOD – Conrac, Inc.
FLEX BOLT – Lord Mfg. Co.
FLEX-NUTS – Prestole Corp.
FLEX-O-TIMER – Taylor Instrument Cos.
FLEX-PAK – Bogen-Presto Inc.
FLEX-PAK – Hinde & Dauch Div. of West Virginia Pulp & Paper Co.
FLEX-PROD – Air-O-Tronics Engrg. Co.
FLEX-TIP – Air-O-Tronics Engrg. Co.
FLEX VEAVE – Inso Electronic Products Inc.
FLEXA-SKID – Champion Co.
FLEXAGUIDE – Litton Industries
FLEXAGUIDE – Airtron, Div. of Litton Industries.
FLEXAIR – Jensen Mfg. Co.
FLEXARM – Flexo International Corp.
FLEXCHRON – Standard Electric Time Co.
FLEXDUCER – Gulton Industries, Inc.
FLEXFOAM – Columbia Wire & Supply Co.
FLEXIFORMER – Superior Electric Co.
FLEXISTOR – Bradford Components Inc.
FLEXITE – Markel & Sons, L. Frank,
FLEXLAB – Standard Electric Time Co.
FLEXLEAD – Markel & Sons, L. Frank,
FLEXLIFE – Columbia Wire & Supply Co.
FLEXLOC – Standard Pressed Steel Co.
FLEXOGRAIN – Riverside-Alloy Metal Div.
FLEXOLON – Tensolite Insulated Wire Co.
FLEXON – Flexonics Corp.
FLEXON – Electronic Mechanics, Inc.
FLEXOPULSE – Eagle Signal Co. Div.
FLEXOTEMP – Hayes, Inc., C. I.
FLEXPRINT – Sanders Associates Inc.
FLEXSHIELD – American Electric Cable Co.
FLIGHTCOM – Communications Co.
FLIP-LOC – TA Mfg. Corp.
FLO LINE – Flotron Industries, Inc.
FLOCON – Beckman Instruments Inc.
FLOWRATOR – Fischer & Porter Co.
FLOWSOLDER – Electrovert, Inc.
FLUOPAK – Chemo Products Inc.
FLUOREL – Minnesota Mining & Mfg. Co.
FLUORLASTIC – Joclin Mfg. Co.
FLUORO BOND – Joclin Mfg. Co.
FLUOROCELL – Joclin Mfg. Co.
FLUOROCHEK – Ultra-Violet Products, Inc.
FLUOROFILM – Fluorolon Labs.
FLUOROFLEX-T – Resistoflex Corp.
FLUOROGLAS – Fluorulon Labs.
FLUOROLIN – Joclin Mfg. Co.
FLUOROMAT – Fluorolon Labs.
FLUOROPLY – International Resistance Co.
FLUOROSEAL – Industrial Plastics Fabricators
FLUOROSINT – Polymer Corp.
FLUSHLITE – Drake Mfg. Co.
FLUTTERMETER – Kay Electric Co.
FLUX GATE – Eclipse Pioneer Div.
FLUX-STIK – Lake Chemical Co.
FLUXAMP – Sprague Electric Co.
FLUXVALVE – Pickering & Co., Inc.
FLX – Flotron Industries, Inc.
FLEX-CONN – Air-O-Tronics Engrg. Co.
FM/Q – Apparatus Development Co., Inc.
FOAMLINE – Plastoid Corp.
FOAMTUBE – Plastoid Corp.
FOCUS – Radio Merchandise Sales, Inc.
FOILCAL – Unisco, Inc.
FOLD-O-VAN – Champion Co.
FOLLOW-TRAC – Electronic Controls, Inc.
FOOTROL – General Control Co.
FORAMINE – Reichhold Chemicals, Inc.
FORASITE – Reichhold Chemicals, Inc.
FORCE-FLO – Stokes Corp., F.J.
FORCE-FLO – Trane Co.
FORM BRITE – Anaconda Amer. Brass Co.
FORM-LITE – Vapor Heating Corp.
FORMEX – General Electric Co.
FORMEZE – General Cable Corp.
FORMLON – General Cable Corp.
FORSAN – Electro-Tech. Prods. Div. Sun Chem.
FORTICEL – Celanese Polymer Co.
FORTIFLEX – Celeanese Polymer Co.
FORTISSIMO – Beltone Hearing Aid Co.
FOTO-DUCER – Clark Electronic Labs.
FOTO-POT – Clark Electronic Labs.
FOTOCERAM – Corning Glass Works
FOTOCON – Elco Corp.
FOTOFOIL – Unisco, Inc.
FOTOLECTRIC – Worner Electronic Devices.
FRAHM – Biddle Co., James G.
FRAKO – Wells Company, Inc., Gary.
FRAME-LOC – Vector Electronic Co.
FREDOL – Burke & James, Inc.
FREELOADER – Whitso, Inc.
FREEPORT – Munston Electronic Mfg. Corp.
FREEVANE – Bristol Co.
FREON – E.I. duPont de Nemours & Co. Inc.
FREQ-O-TRON – Westinghouse Electric Corp.
FREQMETER – Solid State Electronics Co.
FRESTFLEX – Prestole Corp.
FRIGISTOR – General Thermoelectric Corp.
FRINGECOUNT – Link Div. Gen. Prec. Inc.
FULFLO – Commercial Filtors Corp.
FULSCOPE – Taylor Instrument Cos.
FUN COUPLE – Bogen-Presto Div.
FUNELET – Circon Component Corp.
FURNEX – Columbian Carbon Co.
FUSE-FLEX – Inso Electronic Products, Inc.
FUSETRON – Bussmann Mfg. Div.
FUSIONBRAZED – Avon Tube Div. Higbie Mfg. Co.
FUSIONWELD – Avon Tube Div. Higbie Mfg. Co.
FUSISTOR – Bradford Components Inc.
FUSTAT – Bussmann Mfg. Div.
FUTURIST – Radio Merchandise Sales, Inc.
FUZZ BUTTON – Technical Wire Prods. Inc.
FX – Hitemp Wires Co.
FYBRGLASS – Rush Wire Stripper Div. Eraser Co.
FYBEROID – Wilmington Fibre Specialty Co.

G-15 – Bendix Corp. Computer Div.
G-20 – Bendix Corp. Computer Div.
G-FUSE – Bergen Labs. Inc.
G-H – Girard-Hopkins
G.I. – General Industries, Inc.
G-LINE – Surface Conduction
G. P. – Erie Resistor Corp.
G-RATER – Gyrex Corp.
G-STRING – Surface Conduction
GAAPHALLAST – Graphite Metallizing Corp.
GAC – General Automatic Corp.
GACOR – Eagle Electric Mfg. Co.
GAF – Antara Chemicals Div. Gen. Aniline & Film Corp.
GAGETRON – Instruments, Inc.
GAIN-SET – Kay Electric Co.
GALAXY – Jensen Mfg. Co.
GALV-O-MAST – Haydon Corp.
GALVATRON – Consolidated Electrodynamics
GAMMA SENTRY – Curtiss-Wright Corp.
GAMMAGAUGE – Curtiss - Wright Corp.
GAP-MOUNTED – Clevite Electronics Components
GAP/R – Geo. A. Philbrick Researches, Inc.
GARD – Sargent, Rayment Co.
GARDSMAN – West Instrument Corp.
GARRETIZING – Geo. K. Garrett Co. Inc.
GASK-O-SEAL – Parker Seal Co.
GB – National Lead Co.
GBT – International Resistance Co.
GCP – General Coil Products Corp.
GEC – General Electrodynamics Corp.
GECO – Gruenberg Electric Co. Inc.
GELOSO – American Geloso Electronics, Inc.
GEM – Radio Merchandise Sales, Inc.
GEM – Mallory & Co., Inc., P. R.
GEMCO – Great Eastern Mfg. Co.
GEMINOL – Driver-Harris Co.
GEMTENNA – Tennalab
GEN-PRO – General Products Corp.
GEN-RAL – Muter Co.
GEN RES – General Resistance, Inc.
GENALEX – Connolly & Co.
GENCALLOY-A – General Cable Corp.
GENCATHENE – General Cable Corp.
GENCLAD – General Plastics Corp.
GENCO – General Photo Prods. Co., Inc.
GENCO – New Brunswick Sheet Metal Works
GENCOTE – General Plastics Corp.
GENELEX – Avnet Instrument Corp.
GENEMOTOR – Carter Motor Co.
GENERAL ULTRASONIC – Acoustica Assoc. Inc.
GENEVA-LOC – Bendix Aviation Corp.
GENIE – Alliance Mfg. Co.
GENTAL – General Plastics Corp.
GENTAPE – General Plastics Corp.
GENTON – General Plastics Corp.
GEO-SON – Geoscience Instruments Corp.
GEOCABLE – Geophysical Instrument Co. Inc.
GEOCHRONE – National Electronics Labs., Inc.
GEODETIC – Ray-O-Vac Div.
GEOFORMERS – Triad Transformer Corp.
GEOHMETER – Geophysical Instrument Co.
GEOMATIC – Finney Co.
GEOREEL – Geophysical Instrument Co. Inc.
GEOTRODE – Geophysical Instrument Co.
GEOTRON – Geotronic Labs., Inc.
GEOVOLT – Geophysical Instrument Co.
GER-PAK – Gering Plastics Div.
GIAS BOND – Polymer Industries Inc.
GIBSALLOY – Gibson Electric Co.
GIBSILOY – Gibson Electric Co.
GIBSON GIRL – Robins Industries Corp.
GKI – General Kinetics, Inc.
GLAS-BES – Electro-Tech. Prods. Div. Sun Chem. Corp.
GLAS-VAR – Electro-Tech. Prods. Div. Sun Chem.
GLASSCON – Efcon, Incorporated
GLASSEAL – Pyramid Electric Co.
GLASSMIKE – Condenser Products Div. New Haven Clock & Watch Co.
GLASWITCH – Revere Corp. of America
GLENNITE – Gulton Industries, Inc.
GLIDE-SLIDES – Electro Rack Inc.
GLO-COIL – Eagle Electric Mfg. Co., Inc.
GLO DOT – Industrial Devices Inc.
GLO DROP – Workman TV Products, Inc.
GLO-PLUG – Industrial Devices, Inc.
GLOBAR – Carborundum Co.
GLOFILM – Radiation Research Corp.
GLOSSTEX – C.R. Daniels Inc.
GLOVAC – Connolly & Co.
GLYDAG – Acheson Colloids Co.
GNOME – Carter Parts Co.
GOLTOP – Newmarket Transistors Ltd.
GOLD-CAP – Fansteel Metallurgical Corp.
GOLD CROWN – Pioneer Gen-E-Motor Co.
GOLD CUP – Carbonneau Industries, Inc.
GOLD RING – Recoton Corp.
GOLD SEAL – Erie Resistor Corp.
GOLD TOP – Revere Corp. of America
GOLDDIP – Pyramid Electric Co.
GOLDEN-D – Cannon Electric Co.
GOLDEN DAGOR – Goerz American Optical Co. C.P.
GOLDEN G – Filtors, Inc.
GOLDEN WAND – Peerless Prods. Industries

GONIOMETER – Electro-Mec Div. Waltham Prec. Instr.
GOODMANS – Rockbar Corp.
GORDENT – Gordon Enterprises
GOVOHM – Electric Regulator Corp.
GRA-LAB – Dimco-Gray Co.
GRADITION – Selas Corp. of America
GRAFCOM – ITT Labs.
GRAFOLUBE – Grafo Colloids Corp.
GRAIN ORIENTED – Vickers, Inc.
GRALLEN – Clegg Laboratories
GRAMIX – U. S. Graphite Co., Div. of The Wickes Corp.
GRAND – Grand Tran. Inc.
GRAPH-A-PLAN – Labelon Tape Co., Inc.
GRAPHALLOY – Graphite Metallizing Corp.
GRAPHILM – Charles Pettinos Graphite Corp.
GRAPHITAR – U. S. Graphite Co., Div of The Wickes Corp.
GRAPHLON – Graphite Metallizing Corp.
GRAVITAIN – Pall Corp.
GRAVOFLEX – Hermes Plastics Inc.
GRAY LINE – Hardwick, Hindle, Inc.
GREEN BULLET – Shure Bros. Inc.
GREEN CENTER – Carborundum Co.
GREENBILT – Equipment & Service Co.
GREENOHM – Clarostat Mfg. Co. Inc.
GRI – Greenray Industries
GRIDALOY – Molecu-Wire Corp.
GRIDNIC – Driver-Harris Co.
GRIP-EZE – Phelps Dodge Copper Products Corp.
GRIP-SEAL – Adalet Mfg. Co.
GRIPLAR – Electro-Tech Prods. Div. Sun Chem. Corp.
GRIPO – Barrett Varnish Co.
GRIPWELL – Hartwell Corp.
GRITCLOTH – Bay State Abrasive Products Co.
GROMMES – Precision Electronics, Inc.
GROUNDULET – Crouse-Hinds Co.
GROVER – Burke & James, Inc.
GS-400 – Glaser-Steers Corp.
GS-77 – Glaser-Steers Corp.
GSM – Sliding Mechanisms Inc.
GUDE-GLASS – Gudebrod Bros. Silk Co. Inc.
GUDE-NYLACE – Gudebrod Bros Silk Co., Inc.
GUDELACE – Gudebrod Bros. Silk Co., Inc.
GUIDELINE – Litton Industries
GUIDER – Audio Equipment Co., Inc.
GUILDLINE – Sensitive Research Instr. Corp.
GYRALINE – Cascade Research Div. Lewis & Kaufman
GYROFIN – Sperry Gyroscope Co.
GYROLUBE – Sperry Gyroscope Co.
GYROMECHANISMS – Keytay Dept., Norden Div., United Aircraft Corp.
GYROPILOT – Sperry Gyroscope Co.
GYROPOISE – Pickering & Co., Inc.
GYROSYN – Sperry Gyroscope Co.
GYROTRON – Sperry Gyroscope Co.

H – Fairmount Chemical Co. Inc.
H-32 – Fairmount Chemical Co. Inc.
H G GOLD – Technic Inc.
H-LAB – Harrison Laboratories, Inc.
H SERIES – Fairmount Chemical Co., Inc.
H T CONSTANT-TM – Engelhard Industries, Inc.
H.T.M. – High Temperature Materials, Inc.
HALL-OHM – Hamilton Hall Resistor Corp.
HALL-RITE – Hamilton Hall Resistor Corp.
HALLOWELL – Standard Pressed Steel Co.
HALLTRON – Ohio Semiconductors
HALO LIGHT – Sylvania Electric Prods. Inc.
HALOWAX – Koppers Co. Inc.
HAM-TENNA – Illumitronic Engineering
HAMMERTONE – Maas & Waldstein Co.
HAMPSHIRE – Fedtro Inc.
HANDI-SOFT – Western Coil & Elec. Co.
HANDIE-TALKIE – Motorola Communications & Electronics, Inc.
HANDIPHONE – Murdock Corp.
HANDIVOLT – Nutron Mfg. Co., Inc.
HANDY – Corrugated Paper Products
HANDY HOPPER – Design Tool Co. Div.
HANDY-PAK – International Resistance Co.
HANDY TABLE – Milwaukee Stamping
HANDY-TOROID – North Hills Electric Co., Inc.
HANDYFLUX – Handy & Harman
HARCO – Herbach & Rademan, Inc.
HARDAS – Anadite, Inc.
HARMONY – Continental Manufacturing Inc.
HARMONY – CBS Electronics
HARVEL – Minnesota Mining & Mfg. Co.
HASCROME – Haynes Stellite Co.
HASTELLITE – Haynes Stellite Co.
HASTELLOY – Hayes Stellite Co.
HAVAR – Hamilton Watch Co.
HAWLEX – Hawley Products Co.
HAYSTELLITE – Haynes Stellite Co.
HCX – Sprague Electric Co.
HD-DRUM – Lab. for Electronics, Inc.
HEALTH-AIR – Mamco Corp.
HEAR-RINGS – Maico Electronics, Inc.
HEATHKIT – Heath Co., A Sub. of Daystrom, Inc.
HEATING ELEMENT ADHESIVE No. 28 – Cox & Co., Inc.
HEATRAN – Power Designs, Inc.
HEATZONE – Rockbestos Wire & Cable Co.
HEEMCO – Hill Electronics, Inc.
HEETSTRIP – Thermo-O-Lab Corp.
HELAPRENE – Hellermann Canada, Ltd.
HELCO – Hoover Electric Co.
HELECON – U. S. Radium Corp.
HELI-TUBE – Newman Corp., M. M.
HELIARC – Linde Co. Div.
HELIAX – Andrew Corp.
HELICOM – Lind Instruments, Inc.
HELICOP HUT – Craig Systems, Inc.
HELICORDER – Geotechnical Corp.
HELICORE – BTU Engineering Corp.
HELIDEL – Helipot Div. Beckman Instruments, Inc.
HELIPOLE – Andrew Corp.
HELIPOT – Beckman Instruments, Inc.
HELITRIM – Beckman Instruments, Inc.
HELIX – Biggs Co. Inc., Carl H.,
HELIXFLAWMASTER – Biggs Co. Inc., Carl H.,
HELSYN – Hellermann Canada, Ltd.
HELVIN – Hellermann Canada, Ltd.
HERASIL – Engelhard Industries, Inc.
HERCULES – Linemaster Switch Corp.
HERCULES – Acromark Co.
HERCULES – Shure Bros. Inc.
HERCULOY – Revere Copper & Brass
HERLEC – Sprague Electric Co.
HERMES – Itek Electro Prods. Co.
HERMETEZE – Phelps Dodge Copper Products Corp.
HET – Durez Plastics Dv.
HETROFOAM – Durez Plastics Dv.
HETROLAC – Durez Plastics Dv.
HETRON – Durez Plastics Dv.
HEVI-DUTY – Hinde & Dauch Div. of West Virginia
HEX-OHM – Bradford Components Inc.
HEXCLAD – Hexacon Electric Co.
HEXO-LET – Fedtro Inc.
HEXSEALS – A.P.M. Corp.
HEYCO – Heyman Mfg. Co.
HGX – Stieh Chemicals Inc.
HI-60 – Britton Electronics Corp.
HI-BRITE – Shannon Lumimous Material
HI-CAP – Bussmann Mfg. Div.
HI-CORE – Alpha Metals, Inc.
HI-D – United Aircraft Prods. Inc.
HI-D – United Aircraft Products, Inc.
HI-DAMP – Barry Controls Div. Barry Wright Corp.
HI-FARAD – Aerovox Corp.
HI-FAX – Hercules Powder Co., Inc.
HI-FI – Ampro Corp.
HI FLEX – Electro Flex Heat Inc.
HI-FLUX – Annis Co., R. B. Union, Inc.
HI-G – General Controls Co.
HI-HAT – Phillips Process Co. Inc.
HI-K – Erie Resistor Corp.
HI-KAPS – Centralab Electronics Div. of Globe-
HI-LAB – Holt Instrument Labs.
HI-LO – Industrial Devices, Inc.
HI-LO DIMSWITCH – Slater Electric & Mfg. Co.
HI-LUX – Slater Electric, Inc.
HI MAG – General Magnetics, Inc.
HI PERMALLOY – United Transformer Corp.
HI-Q – Aerovox Corp.
HI-R – Bourns Inc.
HI-RELI – Armel Electronics, Inc.
HI REZ – GPL Div. General Precision Inc.
HI-SHEAR – Navan Products, Inc.
HI-SHOCK – Singer Mfg. Co.
HI-STAB – Erie Resistor Corp.
HI SUPERTITE – Engelhard Industries, Inc.
HI-T – Gulton Industries, Inc.
HI-TEMP – Rockbestos Wire & Cable Co.
HI-TEN – Armstrong Bros. Tool Co.
HI-TENSION – JFD Electronics Corp.
HI-THRED – Parkey Kalon
HI TORK – Electro-Mechanical Instrument Co.
HI-TREADLITE – Linemaster Switch Corp.
HI TRIM – Bourns Inc.
H I TRONIC – Bliss Electronic Corp.
HI-VAR – Dearborn Electronic Labs. Inc.
HI-VO-KAPS – Centralab Electronics Div. of Globe-Union, Inc.
HI-VOLT – Industrial Devices, Inc.
HI-WAY-1 – Electronics Corp. of America
HICKORY BRAND – Superior Cable Corp.
HIGH SPEED – E. I. du Pont de Nemours & Co.,
HIGHFLEX-TM – Engelhard Industries, Inc.
HIGHHEAT-TM – Engelhard Industries, Inc.
HIKONOL – Telegraph Condenser Co. Ltd.
HINGE LOCK – Simmons Fastener Corp.
HIPERCO – Westinghouse Electric Corp.
HIPERNIK – Westinghouse Electric Corp.
HIPERNIK V – Westinghouse Electric Corp.
HIPERNOM – Westinghouse Electric Corp.
HIPERSIL – Westinghouse Electric Corp.
HIRSCHMANN – Rye Sound Corp.
HITEMP – High Temperature Materials, Inc.
HITENSO – Anaconda Amer. Brass Co.
HOBART – Motor Generator Corp.
HOBBY-TIME – Western Coil & Elec. Co.
HOFFCO-VAC – U.S. Hoffman Machinery Corp.
HOFFCO-VEYOR – U.S. Hoffman Machinery Corp.
HOLOPHANE – Acoustica Associates, Inc.
HOLTITE – Continental Screw Co.
HOMO – Leeds & Northrup Co.
HOMOCARB – Leeds & Northrup Co.
HOMOSIL – Engelhard Industries, Inc.
HONAN-CRANE – Commercial Filtors Corp.
HOOK-LOCK – Simmons Fastener Corp.
HORNET – New York Transformer Co.
HORTON – Becker Electronics Mfg. Corp.
HOT-JET – D & R Plastic Welders, Inc.
HOT SHOT – Fedtro Inc.
HOT SHOT TESTER – Pioneer Industries, Div. of Almar-York Co., Inc.
HOT TIP – Air-O-Tronics Engrg. Co.
HOTPACK – Electric Hotpack Co., Inc.
HOTTAP – Burndy Corp.
HOWALLOY – Howe International
HOZ-FAS-NERS – Eaton Mfg. Co.,
HP – Aerovox Corp.
HP – Fansteel Metallurgical Corp.
HUBBELLOCK – Harvey Hubbell, Inc.
HUBLOC – Andrew Corp.
HUCKBOLT – Huck Mfg. Co.
HUD-PAK – Hudson Wire Co.
HUDSON – Oxford Electric Corp.
HUMI-GARD – Quam-Nichols Co.
HUMI SEAL – Columbia Technical Corp.
HUMIDOLAIN – Star Porcelain Co.
HUMIDOMETER – Henry Francis Parks Lab.
HUMMINGBIRD – Pesco Products Div. Borg-Warner
HUNTER – Ray-O-Vac Co.
HURRICAN – E-Z Way Towers, Inc.
HURRICLEAN – Oakite Products Inc.
HUSKY – Price Electric Corp.
HY – Burndy Corp.
HY-A-SIL – Sanford Miller Co.
HY-DAMPED ELASTOMERO – Korfund Co.
HY-G-300 – Red Bank Div. Bendix Corp.
HY-G-500 – Red Bank Div. Bendix Corp.
HY-MET – Astron Corp.
HY-RA – Carpenter Steel Co.
HYBRIDGE – Alford Mfg. Co.
HYCOR – International Resistance Co.
HYDENT – Burndy Corp.
HYDRASHAKER – Wyle Labs.
HYDROFEED – Components Corp.
HYDROMAT – Bell Aircraft Corp.
HYDROTOR – American Bosch Arma Corp.
HYDROVOID – Air Control, Inc.
HYFEN – Burndy Corp.
HYFLEX – Minnesota Mining & Mfg. Co.
HYFLUX – Indiana Steel Prods. Div.
HYGRADE – Markel & Sons, L. Frank,
HYGROMITE – Beckman Instruments, Inc.
HYGROPAK – Electron-Radar Prods.
HYJOINT – Burndy Corp.
HYLINK – Burndy Corp.
HYLOK – Burndy Corp.
HYLUG – Burndy Corp.
HYLUGGER – Burndy Corp.
HYMAC – Molectronics Corp.
HYMONOGAS – Sunbeam Equipment Corp.
HYMU – Carpenter Steel Co.
HYPAC – Electronic Research Assoc. Inc.
HYPAC – Era Pacific Inc.
HYPALON – E. I. du Pont de Nemours & Co., Inc.
HYPALOX – American Feldmuehle Corp.
HYPASS – Sprague Electric Co.
HYPER CORE – Moloney Electric Co.
HYPER-PURE – Alloys Unlimited, Inc.
HYPERCON – Sprague Electric Co.
HYPERGON – Goerz American Optical Co., C. P.
HYPERMAG – Westinghouse Electric Corp.
HYPERSIL – Westinghouse Electric Corp.
HYPERSONIC – Cleuite Electronic Components, Div.
HYPEX – Jensen Mfg. Co.
HYPIN – Burndy Corp.
HYPOST – Burndy Corp.
HYPOT – Associated Research, Inc.
HYPRESS – Burndy Corp.
HYPRO – Continental Screw Co.
HYRAD – Sequoia Wire & Cable Co.
HYREL – Sprague Electric Co.
HYREL – Sprague Electric Co.
HYRING – Burndy Corp.
HYSHRINK – Sequoia Wire & Cable Co.
HYSOKET – Burndy Corp.
HYSPAR – Harrison Paint & Varnish Co.
HYSPARK – Burndy Corp.
HYSPERSYN – Bekey Electric Div., Genisco, Inc.
HYSPLICE – Burndy Corp.
HYSTRAN – Lamtex Industries Inc.
HYTAC – Oilgear Co.
HYTAP – Burndy Corp.
HYTEE – Burndy Corp.
HYTEMCO – Driver-Harris Co.
HYTOOL – Burndy Corp.
HYTROL – Hydro-Aire Co. Div. Crane Co.
HYTRON – CBS Electronics Div.
HYVAC – Central Scientific Co.
HYVOL – Aerovox Corp.

IATRON – ITT Labs.
ICA – Instrument Corp. of America.
ICONIC – Altec Lansing Corp.
IDEAL – Burke & James, Inc.
IDEAL – U. S. Steel Corp.
IDEAL – Waldom Electronics Inc.
IDENTASLEEVE – General Plastics Corp.
IDL – Instrument Development Labs., Inc.
IEI – Standard Pressed Steel Co.
IERC – International Electronic Research Corp.
IGNITION SCOPE – Du Mont Labs., Inc., Allen B.
IHC – Illinois Condenser Co.
IHT – Illinois Condenser Co.
IMC – Insulation Manufacturers Corp.
IMCOR – Insulation Manufacturers Corp.
IMLOK – Bud Radio, Inc.
IMMERSCOPE – Automation Industries Inc.
IMMERSCOPE – Curtiss - Wright Corp.
IMP – Carter Parts Co.
IMP – JFD Electronics Corp.
IMP – Kaar Engineering Corp.
IMP – Pyramid Electric Co.
IMPERIAL – Jensen Mfg. Co.
IMPERIAL – Trans - Tel Corp.
IMPERVOHM – Sage Electronics Corp.
INCELOID – American Products Mfg. Co., Inc.
INCO – International Nickel Co., Inc.
INCONORAMA – Fedrick, Fenske, Miller
INCREDUCTOR – Trak Electronics Co. Inc.
INCREMAG – General Time Corp.
INDALLOY – Indiana Steel Products Div.
INDALLOY – Indium Corp. of America
INDCO – Industrial Condenser Corp.
INDELI-DENT – Markwik Sales Corp.
INDI-AC – Cleveland Instrument Co.
INDI-RON – Cleveland Instrument Co.
INDITRON – National Union Electric Corp.
INDOX – Indiana Steel Products Div.
INDUCTRONIC – Daystrom, Inc.
INDUCTUNER – Mallory & Co., Inc., P. R.
INDUFLUX – Irwin Labs. Inc.
INDUSTRIAL 24 KT – Technic Inc.
INETROL – Leach Corp.

INFRABEAM - Infrared Industries Inc.
INFRABEAM – Cramer Controls Corp.
INFRACORD - Perkin Elmer Corp.
INFRAPHONE - Infrared Industries Inc.
INFRATON – Biophysical Electronics Inc.
INFRATRON – Infrared Industries Inc.
INGENTO – Burke & James, Inc.
INLITE – Plasteck, Inc.
INMANCO – Insulation Manufacturers Corp.
INNER FIN – Dunham-Bush., Inc.
INSA-LUTE – Sauereisen Cements Co.
INSTAN-FORM - Telautograph Corp.
INSTANSOLDER – Cole Radio Works.
INSTAPAC – D. W. Onan & Sons, Inc.
INSTRUMATION – Erie Resistor Corp.
INSUL-MATE - Air-O-Tronics Engrg. Co.
INSUL-SCREW - Austin Screw Prods.
INSULATED CIRCUITS – Whitney Blake Co.
INSULINK – Burndy Corp.
INSULKOTE - Johns-Manville.
INSULKRIMP – ETC Incorporated
INSULOID – Electrovert, Inc.
INSULPAK – Hinde & Dauch Div. of West Virginia Pulp & Paper Co.
INSULUG – Burndy Corp.
INSUROK – Richardson Co., The
INTENSO - Appleton Electric Co.
INTER-8 - Magnetic Shield Div., Perfection Mica
INTERCEPTOR - Winegard Co.
INTERCON - Amphenol-Borg Electronics Corp.
INTERLOCK – Harvey Hubbell, Inc.
INTERMATIC – International Register Co.
INTERVERTER - Interelectronics Corp.
INTERZONE – Rockbestos Wire & Cable Co.
INTRAFAX – Western Union Telegraph Co.
INTRANSIC - Amplifier Corp of America
INTREX – Interelectronics Corp.
INTRISHELL - Precision Metalsmiths, Inc.
INTRON – Interelectronics Corp.
INVAR – Carpenter Steel Co.
INVERTA - Torwico Electronics, Inc.
INVERTRON – Behlman Engineering Co.
IONAIRE - U.S. Radium Corp.
IONEGATOR - Green Rectifier Co.
IONOSTAT – U. S. Radium Corp.
IONOTRON – U. S. Radium Corp.
IPC - R F Products Div.
IRC - International Resistance Co.
IRCAL - International Resistance Co.
IRD – International Research & Dev. Corp.
IRESCO – International Research Assoc.
IRIDITE – Allied Research Prods., Inc.
IRILAC – Allied Research Prods., Inc.
IRIS-FLO – Lundy Mfg. Corp.
IRISH - Ampex Magnetic Tape Products, Orr Inds. Co.
IRN – Williams & Co., C. K.
IRONA - American Potash & Chemical Corp.
IRV-O-SLOT - Minnesota Mining & Mfg. Co.
IRVINGTON - Minnesota Mining & Mfg. Co.
ISALITE - Electric Autolite Co.
ISATRON – Consolidated Electrodynamics Corp.
ISIS – Geo. A. Philbrick Researches, Inc.
ISO – Isolantite Mfg. Corp.
ISO ELASTIC – Chatillon & Sons, John.
ISO SEAL - Chatillon & Sons, John.
ISO-X – Litton Industries
ISOBESTOS – Natvar Corp.
ISOBRITE – Allied Research Prods., Inc.
ISOCAT – Isochem Resins Co.
ISOCHEMCEAT - Isochem Resins Co.
ISOCHEMDUCT - Isochem Resins Co.
ISOCHEMFIL – Isochem Resins Co.
ISOCHEMGEL – Isochem Resins Co.
ISOCHEMREZ – Isochem Resins Co.
ISOCHEMSTRIP – Isochem Resins Co.
ISOCHEMTERGE – Isochem Resins Co.
ISODEX – Shure Brothers, Inc.
ISOFARAD – Sprague Electric Co.
ISOFLUX - Astro Systems, Inc.
ISOFOAM – Isocyanate Products, Inc.
ISOFORMER – Elcor, Inc.
ISOGLAS – Natvar Corp.
ISOLASTANE – Natvar Corp.
ISOLASTUBE - Suflex Corp.
ISOLITE – U. S. Radium Corp.
ISOLITE - Schenectady Varnish Co. Inc.
ISOLOY - Riverside Alloy Metal Div.
ISOLUME – Sun Dial Corp.
ISOMELT – Schenectady Varnish Co., Inc.
ISOMICA - Minnesota Mining & Mfg. Co.
ISOMODE – MB Electronics
ISONEL - Schenectady Varnish Co. Inc.
ISOPHASE - Pickering & Co. Inc.
ISOPHON – Arnhold Ceramics, Inc.
ISOPLEX – Natvar Corp.
ISOPLY – Elcor, Inc.
ISOPOXY – Schenectady Varnish Co., Inc.
ISORPHASE – Pickering & Co., Inc.
ISTRAN - Eastman Kodak Co.
ITC – Illinois Condenser Co.
ITC - Ikegami Tsushini Co. Ltd.
ITECO – Industrial Test Equipment Co.
ITI - Industrial Tectonics Inc.
ITVAC – Industro Transistor Corp.
IVI-BIND - Minnesota Mining & Mfg. Co.
IVI-SPRAY - Minnesota Mining & Mfg. Co.
IVO – Presin Co.
IVSI - Specialties, Inc.
IZUKAR - Ichizuka Optical Ind. Co.

J-E – Jackes-Evans Mfg. Co.
J-M – Johns-Manville.
J-TRAN - General Instrument Corp.
JACK KNIFE - Penn Union Electric Corp.
JACK NUT - Molly Corp.
JACKSON – Vulcan Electric Co.
JAGABI – Biddle Co., James G.
JAICO - Jaidinger Mfg. Co. Inc.
JAQUET – Sticht Co., Inc., Herman H.
JAY-BEE-TEE – J-B-T Instruments
JE TENNA – JFD Electronics Corp.
JEFFCOAX - Jefferson Wire & Cable Corp.
JEFFLEX - Jefferson Wire & Cable Corp.
JET AIR – Breeze Corps., Inc.
JET-KOTE – Furane Plastics Inc.
JET-SETTER – General American Transportation
JETCAL - Howell Instrument Co.
JETFLUX - All-State Welding Alloys Co.
JEWEL – JFD Electronics Corp.
JEWELITE - Mico Instrument Co.
JIFF-E-PLUG – Ackerman-Johnson Co.
JIFFI-LITE – Fedtro Inc.
JIFFI-TESTER – Fedtro Inc.
JIFFY - Eagle Electric Mfg. Co. Inc.
JOB- RATED INSTRUMENTS – Pyramid Instrument Corp.
JOBO - Sonograf Electric Co.
JOBOPHONE - Sonograf Electric Co.
JOCLAMPS – Joclin Mfg. Co.
JOLTA – Jan Hardware Mfg. Co., Inc.
JOMANCO – Johns-Manville.
JR. - Bourns, Inc.
JUDCO - Judd Wire Mfg. Corp.
JUNIOR - Bourns, Inc.
JUNIOR-HELIX – JFD Electronics Corp.

K-400 KAYONITE – Fedtro Inc.
K-G - Air Products, Inc.
K-LOC – Erie Resistor Corp.
K-TRAN - General Instrument Corp.
K VOLT – Avien Corp.
KA-LUG - Burndy Corp.
KALOTRON – Thermosen, Inc.
KALWOOD – Keller Products Co.
KANIGEN – General American Transportation Corp.
KAPAC - Kaiser Electronics Inc.
KAPPA – Wright & Sons Co., William E.
KAPSCREW - Klincher Locknut Corp.
KAPSEAL - Minnesota Rubber Co.
KAR-PAK - Midwest Audio Corp.
KARADIO – American Television & Radio Co.
KARAK – Ohio Carbon Co.
KARATCLAD – Sel-Rex Corp.
KARBOMET – Driver-Harris Co.
KARMA – Driver-Harris Co.
KARROPAK - Felt Products Mfg. Co.
KASIL – Philadelphia Quartz Co.
KATOLIGHT - Kato Engrg. Co.
KAYLOCK - Kaynar Mfg. Co. Inc.
KE – Kurman Electric Co.
KEEN ARC – Becker Brothers Carbon Co.
KEEN CUT – Becker Brothers Carbon Co.
KEL-F – Minnesota Mining & Mfg. Co.
KELLER - Pratt & Whitney Co.
KELROD - Carmer Industries Inc.
KEMFUZE – Bel Fuse, Inc.
KENCO – Kenwood Engineering Co., Inc.
KENDEX – Kennametal Inc.
KENNETT – National Vulcanized Fibre Co.
KENTANIUM – Kennametal Inc.
KEPRO – Keil Engineering Products, Inc.
KEPS – Shakeproof Div., Ill. Tool Wks.
KERNEL – Burnell & Co., Inc.
KETOS - Crucible Steel Co. of America
KEY-MUNICATOR - Dow-Key Co.
KEY-MUNICATOR - Gen Dynamics/Electronics
KEYNOTER – Gray Mfg. Co.
KILO-Q – Kay Electric Co.
KILO-SWEEP – Kay Electric Co.
KILODIAL – Kilo Engineering Co.
KILOKNOB – Kilo Engineering Co.
KILOPAK – Wesco Electrical Co., Inc.
KILOPOT – Kilo Engineering Co.
KIMCO – Kline Iron & Steel Co.
KINECALL – Kinematic Systems
KINECARD – Collins Radio Co.
KINEPLEX – Collins Radio Co.
KINETAPE – Collins Radio Co.
KINEVOX – Electromation Co.
KING – Arlo Electronics Corp.
KIP- York Research Corp.
KIRKSITE - National Lead Co.
KLAR & BEILSCHMIDT - Electronic Applications, Inc.
KLEANROL – E. I. du Pont de Nemours & Co., Inc.
KLEER-PAK – Sprague Electric Co
KLIMP – Navan Products, Inc.
KLIP-PAC - Wrought Washer Mfg. Co.
KLOCKOUNTER – Hunter Mfg. Co.
KNIGHT – Allied Radio Corp.
KNIGHT-KIT – Allied Radio Corp.
KODAK – Eastman Kodak, Co.
KODIFIER – Markwik Sales Corp.
KOILED KORDS – Whitney Blake Co.
KOLD-PAK – Tenney Engineering, Inc.
KOOLBIN - Command Systems, Inc.
KOOLIE HAT - Bay State Products Co.
KOOLMASTER - Escotronics
KOOLOHM – Sprague Electric Co.
KOOLPAK – Sprague Electric Co.
KOOLPORE – Bay State Abrasive Products Co.
KOP-R-KLAD – Shamban & Co., W.S.
KORELLE – Burke & James, Inc.
KOROSEAL – Goodrich Industrial Products Co., B. F.,
KOTACOIL – Induction Heating Corp.
KOVAR - Westinghouse Elec. Corp.
KOVAR – Carborundum Co.
KOVEX - Mansol Ceramics Co.
KP - York Research Corp.
KRECO – Kreckman Co., Herb.
KRENE – Union Carbide Corp.
KRIMPTITE – ETC Incorporated
KROMORE – Driver-Harris Co.
KUAX – Kuhnke Electronics H.
KUDL-PAK – Navan Products, Inc.
KULGRID - Sylvania Electric Prods. Inc.
KURMELEC – Kurman Electric Co.
KVO – Sprague Electric Co.
KWIK-CHEK – Hamilton Watch Co.
KWIK-KALL - Loge Electronics, Inc.
KWIK-STIK – Finn Jaske Co.
KWIK-TERM – Cannon Electric Co.
KWIKFLUX - Special Chemicals Corp.
KWIKIT - University Loudspeakers, Inc.
KWIKY-DOTS – By-Buk Co.
KYBERNETES – Hagan Chemicals & Controls Inc.

L-C CHECKER – Aerovox Corp.
L. C. TUNER – JFD Electronics Corp.
L-CAP - Devco, Inc.
L-I-F-E – Lear, Inc.
L-R - Ripley Co. Inc.
L-T – Lab-Tronics, Inc.
L-T – Lambda Electronics Corp.
LA - Lambda Electronics Corp.
LA SCALA – I.H. Mfg. Co.
LAB-JACK - Central Scientific Co.
LABELSTICK - Ellisco, Inc.
LABITRON – Nuclear Chicago Corporation
LABLITE - Mico Instrument Co.
LABMARKER – Berkshire Laboratories
LABMASTER - General Nuclear Corp.
LABOHM – Berkshire Laboratories.
LABORATORY STANDARDS - Measurements, A McGraw Edison Div.
LABRI-SEAL - Marlin-Rockwell Corp.
LABSTROBE – Berkshire Laboratories.
LABTRANS – Berkshire Laboratories.
LABVOLT – Buck Engineering Co., Inc.
LABVOLT - Berkshire Laboratones
LACKON – Monroe Industries, Inc.
LACKON – OKI & Willadsen Ltd.
LACKON – Sun Dial Corp.
LACKON – U. S. Radium Corp.
LADDER LINE – Illumitronic Engineering
LAKTANE - Esso Standard Div. Humble Oil & Refng. Co.
LAMCOTE – Arvey Corp.
LAMICOID - Minnesota Mining & Mfg. Co.
LAMINAC – American Cynamid Co.
LAMITEX – Franklin Fibre-Lamitex Corp.
LAMIUM – Laminated Shim Co., Inc.
LAMOFLEX - International Resistance Co.
LANSING - Altec Lansing Corp.
LAQUA – Fidelity Chemical Products Corp.
LAQUER-STIK – Lake Chemical Co.
LATCO – Lake Chemical Co.
LAVINORE – Lavino & Co., E. J.
LAVITE – D.M. Steward Mfg. Co.
LAVOLAIN – Star Porcelain Co.
LEADMASTER - Heller Industries Inc.
LEADTEX - Revere Copper & Brass
LEADX - Bar-Ray Products, Inc.
LEAK PROOF - Ray-O-Vac Div.
LEARTRON – Lear, Inc.
LECO – Laboratory Equipment Corp.
LECO KATE - Laboratory Equipment Corp.
LECONAL - Laboratory Equipment Corp.
LECTALITE - Electric Autolite Co.
LECTON – E. I. du Pont de Nemours & Co., Inc.
LECTRIC-AIRE – Radex Corp.
LECTRO-LITE – Fedtro Inc.
LECTRO-NIC - Selrex Corp.
LECTRO-STATIC – Fedtro Inc.
LECTRO-SYNC – American Speedlight Corp.
LECTROBREATHER – Pittsburgh Lectrodryer Div., McGraw-Edison Co.
LECTRODRYER – Pittsburgh Lectro-dryer Div.,
LECTROFILTER – Pittsburgh Lectro-dryer Div., McGraw-Edison Co.
LECTROLAB - Sound Projects Co. Inc.
LECTRONIC BOARD – Electro-Tech. Prods. Div. Sun Chem. Corp.
LECTROSONIC – Babcock & Wilcox
LEDLOY - Ryerson & Son, Inc., J.T.
LEKTRO-LOK – Linemaster Switch Corp.
LEKTRO-TUNER – Conn. Ltd., C. G.
LENITE – Lab-Tronics, Inc.
LENSCOTE – Metavac, Inc.
LENSKOTE – Burke & James, Inc.
LESA – Electrophono & Parts Corp.
LESTRA-LITE - Pacific Universal Prods. Corp.
LEV-O-LITE – Leviton Mfg. Co., Inc.
LEV-O-LOCK – Leviton Mfg. Co., Inc.
LEV-R – Switchcraft, Inc.
LEVELWRAP - Continental Diamond Fibre.
LEVOLIER – McGill Mfg. Co., Inc.
LF-JAX – Switchcraft, Inc.
LICO – Life Instrument Co.
LIFE-GUARD – Westinghouse Electric Corp.
LIFE LITE - Gulton Industries, Inc.
LIFETIME – Reeves Soundcraft Corp.
LIGHT WRYTER – Ultra-Violet Products, Inc.
LIGNA-SWEEP – Kay Electric Co.
LIMIT – James International.
LIMITRON – Bussmann Mfg Co.
LIMPANDER – Electronic Systems Engineering Co.
LINAC - High Voltage Engrg. Corp.
LINAGRAPH - Eastman Kodak Co.
LINDOR – William I. Horlick Co., Inc.
LINDSAY - American Potash & Chem. Corp.
LINE-O-LIFE – Carter Motor Co.
LINE-VOLT - Industrial Devices Inc.
LINEAR STANDARD – United Transformer Corp.
LINEATROL – Jordon Controls, Inc.
LING SPECTATOR - Electron Corp.
LINGUATRAINER – General Electronic Labs., Inc.
LINIOMETER – Bourns, Inc.
LINIPOT – Bourns Inc.
LINITRIM – Bourns Inc.
LINK LOCK – Simmons Fastener Corp.
LINKIT - Burndy Corp.
LINVAR – Muirhead & Co., Ltd.
LIPSTIK - Altec Lansing Corp.
LIQUI-DET - Oakite Products Inc.
LIQUIFLUOR - Pilot Chemicals Inc.

LISTENER - Otarion Listener Corp.
LISTENETTE - Otarion Listener Corp.
LIT-SWITCH - Color Lite Div. Sloan Co.
LITE-GAGE - Photocon Research Products
LITE-MITE - Stocker & Yale Inc.
LITEMASTER - Flexo International Corp.
LITESTRIP - Circon Component Corp.
LITTEL - Switchcraft, Inc.
LITTEL-JAX - Switchcraft, Inc.
LITTEL KEY - Switchcraft, Inc.
LITTL-LYTIC - Sprague Electric Co.
LITTLE DEVIL - Ohmite Mfg. Co.
LITTLE GEM - Great Eastern Mfg. Co.
LITTLE GIANT - JFD Electronics Corp
LITTLE JEM - Jansen Electronics
LITTLE JEWEL - Argonne Electronics Mfg. Corp.
LITTLE JOE - MacDonald & Co.
LITTLE MAJOR - Arro Expansion Bolt Co.
LIVE JOINT - Aeroquip Corp.
LLOYD'S - Johnson Mfg. Co., Inc.
LM ERICSSON - State Labs.
LMB - Heeger Inc.
LNP - Liquid Nitrogen Processing Corp.
LO-BOY - JFD Electronics Corp.
LO-EX - Aluminum Co. of America
LO-G - Barry Controls Div. Barry Wright Corp.
LO-OHM - Radiation, Inc.
LO OHMS - Bradford Components Inc.
LO-VOLT - Industrial Devices, Inc.
LOC-FIT - U. S. Engineering Co.
LOC-JAW - LMB
LOCAR - Simmonds Aerocessories, Inc.
LOCK-GRI - X-Acto, Inc.
LOCK-O-SEAL - Parker Seal Co.
LOCK-ON - Eagle Electric Mfg. Co. Inc.
LOCKWELL - Hartwell Corp.
LOCTITE - American Sealants Co.
LOCTRACS - Lockheed Electronics Co.
LOGGER - Audio Instrument Co. Inc.
LOGIBLOC - Wang Labs. Inc.
LOGIC-LITE - Eldema Corp.
LOGIMASTER - Wang Labs. Inc.
LOHM - Driver-Harris Co.
LOK-MATIC - Ward Products Corp.
LOK-STRAP - Panduit Corp.
LOKUTS - Shakeproof Div., Ill. Tool Wks.
LONCO - London Chemical Co.
LONG-LOK - Parker-Kalon
LOOP VEE - Radiation, Inc.
LOOPOHM - Ward Leonard Electric Co.
LOOPSTICK - Superex Electronics Corp.
LOS GATOS - Lewis & Kaufman Electronics Corp.
LOTEMP - Mico Instrument Co.
LOW-PEAK - Bussmann Mfg. Div.
LOW-VAR - Mucon Corp.
LTC - Cohn Corp., Sigmund
LUBRI-LO - Permo, Inc.
LUBRI-STAT - Permo, Inc.
LUBRI-STAT - Fidelitone Microwave, Inc.
LUCERO - Driver-Harris Co.
LUCITE - E. I. du Pont de Nemours & Co., Inc.
LUCKY STRIKE - Precision Radiation Instr.
LUG-PLUGS - Switchcraft, Inc.
LUGPOT - Bourns, Inc.
LUMARITH - Celanese Plastics Co.
LUMATROL - Micro Balancing, Inc.
LUMI-RAIL - Acoustica Associates, Inc.
LUMICON - Bendix Aviation Corp.
LUMITE - Chicopee Mills Inc.
LUSTERIZED - American Electric Cable Co.
LUSTERLAC - American Electric Cable Co.
LUSTRAN - Monsanto Chemical Co.
LUSTREX - Monsanto Chemical Co.
LUTON - Pacific Electricord Co.
LUXOLENE - Wabash Magnetics
LUXOR - Burke & James, Inc.
LUXTROL - Superior Electric Co.
LYCOMAR - Burke & James, Inc.
LYN - Lyncoach & Truck Co. Inc.
LYN-A-SYN - Minatron Corp.
LYNITE - Aluminum Co. of America
LYTICAP - Planet Mfg. Corp.
LYTRON - Monsanto Chemical Co.

M-JAX - Switchcraft, Inc.
M-PAC - Computer Control Co. Inc.
M.R. - Hinde & Dauch Div. of West Virginia Pulp & Paper Co.
M-R-C - Marlin-Rockwell Corp.

MAC-IRON - Mack Iron Works Co.
MACO - Maury & Associates.
MACROSYN - Minn-Honeywell Reg. Co.
MACROWAVE - Douglas Microwave Co.
MADT - Philco Corp.
MAG-EYE - Square D Co.
MAG-MOD - General Magnetics, Inc.
MAG-OFFNER - Kokusai Elec. Co. Ltd.
MAG-PNEU - Hankinson Corp.
MAG-TWEEZ - Orbit Industries
MAGI-MIX - Technical Appliance Corp.
MAGIC CIRCLE - A. R. F. Products, Inc.
MAGIC GENIE - JFD Electronics Corp.
MAGIC MEMORY - Soundscriber Corp.
MAGIC MIRROR - Pacific Universal Prods. Corp.
MAGICORES - Crowley Div. A. O. Smith
MAGICWAND - Sticht Co., Inc., Herman H.
MAGITRAN - Electronic Research Assoc.
MAGMETER - Airpax Electronics Inc.
MAGMOTOR - Carter Motor Co.
MAGNA-DUCER - Clark Electronic Labs.
MAGNA-MITE - Ferricore, Inc.
MAGNA-MITE - National Moldite Co.
MAGNA-PHONE - Kay Towns Antenna Co.
MAGNA-STRIP - Spectra-Strip Wire & Cable Corp.
MAGNA-SWEEP - Kay Electric Co.
MAGNACARD - Magnavox Co.
MAGNADURE - Ferroxcube Corp. of America
MAGNAFLEX-TM - Engelhard Industries, Inc.
MAGNAFRAX - Carborundum Co.
MAGNAGLO - Magnaflux Corp., Sub. General Mills
MAGNAPHONIC - Magnasync Corp.
MAGNASET - Precision Thermometer & Instrument
MAGNATEST - Magnaflux Corp., Sub. General Mills
MAGNATORC - Hansen Mfg. Co., Inc.
MAGNATROL - Dynamic Controls Co.
MAGNE-CORE - Pace Electrical Instrs. Co.
MAGNE-FORCE - Octarion Listener Corp.
MAGNE-SPEED - Magnetic Amplifiers Div.
MAGNE-TACT - Kokusai Elec. Co. Ltd.
MAGNEBRAKE - Vickers, Inc.
MAGNECLUTCH - Vickers, Inc.
MAGNECORDER - Midwestern Instruments, Inc.
MAGNECORDETTE - Midwestern Instruments,
MAGNECRIMP - Burndy Corp.
MAGNELINE - Patwin, Div. of Patent-Button Co.
MAGNELOM - Torwico Electronics, Inc.
MAGNELOOP - Amplifier Corp. of America
MAGNEMATIC - Amplifier Corp. of America
MAGNEMITE - Amplifier Corp. of America
MAGNEPAINT - Micro-Circuits Co.
MAGNEPASTE - Micro-Circuits Co.
MAGNEPULSE - Magnetic Research Corp.
MAGNERAMIC - Electro-Voice, Inc.
MAGNERASER - Amplifier Corp. of America
MAGNESTAT - Magnetic Research Corp.
MAGNET-LITE - Ray-O-Vac Co.
MAGNETO - Advanced Electronics, Inc.
MAGNETO-SENSOR - Halex, Inc.
MAGNETO-TRACER - Halex, Inc.
MAGNETRACE - Pratt & Whitney Co.
MAGNETREATER - Radio Frequency Labs. Inc.
MAGNETROL - C.T.S. of Canada, Ltd.
MAGNETRONIC - Teleregister Corp.
MAGNETTE - Heinemann Electric Co.
MAGNI-WHIRL - Blue M Electric Co.
MAGNIFAX - Beckman & Whitly Inc.
MAGNIPHASE - Continental Electronics Mfg. Co.
MAGNIPHASE - Kelk Ltd., George
MAGNIPORT - Diamond Electronics Div.
MAGNISTROL - Acme Electric Corp.
MAGNO - Driver-Harris Co.
MAGNOCARB - Driver Co., Wilbur B.
MAGNORITE - Norton Co.
MAGOHM - Electric Regulator Corp.
MAGPI - Telecomputing Corp.
MAGSENSE - Daystrom Inc.
MAITROL - Maico Electronics, Inc.
MAL LEAD - Arro Expansion Bolt Co.
MALCOMATIC - Malco Mfg. Co.
MALLARD - Electrend Products Corp.
MANCO - Master Appliance Mfg. Co.
MANGRID - Driver Co., Wilbur B.
MANHATTAN - Raybestos-Manhattan, Inc.
MANUFLEX - Eagle Signal Co. Div.
MAPICO - Columbian Carbon Co.
MARAFOAM - Marblette Corp.
MARAGLAS - Marblette Corp.
RASET - Marblette Corp.

MARC - Moore Associates, Inc.
MARCO - Celanese Plastics Co.
MARCO - Rowe Industries
MARCO - Celanese Polymer Co.
MARCONI - Canadian Marconi
MARINER'S PATHFINDER - Raytheon Co.
MARK II - Electro-Tec Corp.
MARK II - Brush Instruments Div. of Clevite Corp.
MARK IV-VRC - Par Products Corp.
MARK-TIME - Rhodes, Inc., M. H.
MARK VIII - Gen. Instrument Corp
MARKA-SWEEP - Kay Electric Co.
MARKSMAN - West Instrument Corp.
MARS - Lear, Inc.
MARVELITE - CBC Electronics Co.
MASCO - Simpson Mfg.Co., Inc., Mark.
MASTER-GUILD - Burke & James, Inc.
MASTER MET - Cannon-Muskegon Corp.
MASTER-TAPE - Audio Master Corp.
MASTERCOLOR - American Molding Powder & Chemical Corp.
MASTERCRAFT - Cadre Industries Corp.
MASTERLINE - Blonder-Tongue Labs.
MASTERSHAPES - Master Tape Printers, Inc.
MAT - Philco Corp.
MATCHBOX - E.F. Johnson Co.
MATCHMAKER - Channel Master Co.
MATCHSTICK - E.F. Johnson Co.
MATTERN - Land Air, Inc.
MATTIBRAZE - Johnson Matthey & Mallory Ltd.
MATTIFLUX - Johnson Matthey & Mallory Ltd.
MATTIPHOS - Johnson Matthey & Mallory Ltd.
MATTISOL - Johnson Matthey & Mallory Ltd.
MAX-C - J. F. D. Electronics Corp.
MAX-MIN - Daystrom, Inc.
MAXSECOM - Minn. Honeywell Reg. Co.
MCA - Molding Corp. America
MCMARTIN - Continental Manufacturing, Inc.
MDL - Microwave Development Labs Inc.
MEASURAY - Sheffield Corp., Sub of Bendix Aviation Corp.
MECAP - General Instrument Corp.
MECATORN - Torngren Co., Inc., C.W.
MECHANOPRINT - Howe Scale Co.
MECHTRON - Tensolite Insulated Wire Co., Inc.
MED-CARD - Med-Tronics Mfg. Co.
MEDALIST - Minn. Honeywell Reg. Co.
MEDIA - Magnavox Co.
MEG-O-MAX - Sprague Electric Co.
MEGA-CHART - Kay Electric Co.
MEGA-MARKER - Kay Electric Co.
MEGA-MARKER, Sr. - Kay Electric Co.
MEGA-MATCH - Kay Electric Co.
MEGA-NODE - Kay Electric Co.
MEGA-PIX - Kay Electric Co.
MEGA-PULSER - Kay Electric Co.
MEGA-REL - Gudeman Co.
MEGA-STUB - Kay Electric Co.
MEGA-SWEEP - Kay Electric Co.
MEGA-SWITCH - Energy Kontrols, Inc.
MEGACHROM - Beckman Instruments, Inc.
MEGACYCLE METER - Measurements, A McGraw Edison Div.
MEGALATOR - Kay Electric Co.
MEGALIGNER - Kay Electric Co.
MEGALUME - Vitro Corp.
MEGALYZER - Kay Electric Co.
MEGASORBER - Continental Electronics Mfg. Co.
MEGATROMETER - Mid-Eastern Electronics, Inc.
MEGGER - Biddle Co., James G.
MEGGER - Evershed & Vignoles Ltd.
MEGOHMER - Sticht Co., Inc., Herman H.
MEGOSTAT - Sprague Electric Co.
MEK-A-PUNCH - American Electronics, Inc.
MEL-INK - Melpar, Inc.
MELBOND - Melpar, Inc.
MELCOAT - Melpar, Inc.
MELCOR - Materials Electronic Prods. Corp.
MELEMATIC - Meletron Corp.
MELEX - Meletron Corp.
MELFOAM - Melpar, Inc.
MELLOTONE - Electron Enterprises
MELMAC - American Cyanamid Co.
MELODIST - Altec Lansing Corp.
MELODY MIKE - Audio Equipment Co., Inc.
MELVAR - Melpar, Inc.
MEMCOR - Model Engrg. & Mfg. Corp.
MEMO-LITE - Transistor Electronics Corp.
MEMO-SCOPE - Hughes Aircraft.
MEMOTRON - Hughes Aircraft.
MELPAK - Melpar, Inc.

MERC - Vapor Heating Corp.
MERC-ARC - Vitro Corp.
MERCISTOR - Vapor Heating Corp.
MERCURY - Vulcan Electric Co.
MERECO - Metachem Resins Corp.
MERITONE - Autocrat Electronics Co.
MERLIN - JFD Electronics Corp.
MERLON - Mobay Chemical Co.
MESOLOY - Molecu-Wire Corp.
MESSENGER - E.F. Johnson Co.
MET-A-CAPS - Chicago Condenser Corp.
MET-L-FLEX - Robinson Technical Products, Inc.
META-BOND - Metachem Resins Corp.
META-CAST - Metachem Resins Corp
META-COTE - Metachem Resins Corp.
META-FLEX - Metachem Resins Corp.
META-GEL - Metachem Resins Corp.
META-MOLD - Metachem Resins Corp.
META-PART - Metachem Resins Corp.
META-STRIP - Metachem Resins Corp.
META-TERGE - Metachem Resins Corp.
METACLAD - Metachem Resins Corp.
METACOLOR - Phillips Process Co., Inc.
METACT - Metal Textile Corp. Div. General Cable Corp.
METAFIL - Metachem Resins Corp.
METAL-CAL - C & H Supply Co.
METAL-CAL - Ever Ready Label Corp.
METAL-CELL - Topatron, Inc.
METAL-ISTORS - Ki[illegible] Inc.
METAL LUX - Electronica Metal Lux
METAL MIKE - Sperry Gyroscope Co.
METAL MUCLES - White Dental Mfg. Co., S. S.,
METAL PACK - Telegraph Condenser Co. Ltd.
METALACE - Maas & Waldstein Co.
METALITE - Astron Corp.
METALMITE - Telegraph Condenser Co. Ltd.
METALOHM - Litton Industries
METALOHM - Marsland Engineering, Ltd.
METALSET - Smooth-on Mfg. Co.
METAMETER - Bristol Co.
METAVANE - Bristol Co.
METCO - Metallizing Engineering Co., Inc.
METCOM - Microwave Electronic Tube Co., Inc.
METEOR - Associated American Winding Machy.
METEOR - Astron Corp.
METER-MATIC - Leitch-Huard Corp.
METEX - Metal Textile Corp., Div. of General Cable Corp.
METEX - MacDermid Corp.
METLBOND - Telecomputing Corp.
METRISITE - Brush Instruments Div. of Clevite Corp.
METRO-HELIX - JFD Electronics Corp.
METROPOLITAN - I.H. Mfg. Co.
METROPOLITAN - Radion Corp., The
METROSCOPE - Photocon Research Products.
MEXICAN - U.S. Graphite Co.
MF - Barnstead Still & Sterlizer Co., Inc.
MI - Midwestern Instruments
MI-T-MAG - Ferricore, Inc.
MI-T-MAG - National Moldite Co.
MIC - Molded Insulation Co.
MIC RAM - Cleveland Metal Specialties Co.
MICA CERAY - Electronic Mechanics Inc.
MICABOND - Continental-Diamond Fibre Corp.
MICAFIL - Hirschman Co. Inc., Carl
MICAL - Topflight Corp.
MICANITE - Minnesota Mining & Mfg. Co.
MICAP - General Instrument Corp.
MICAPLY - Mica Corp.
MICARTA - Westinghouse Elec. Corp.
MICATEMP - Rockbestos Wire & Cable Co.
MICHELITE - Acoustica Associates Inc.
MICOFLEX - Midland Ind'l. Finishes Co.
MICOTEX - Midland Ind'l Finishes Co.
MICROVOID - Air Control, Inc.
MICRADJUST - Fairchild Recording Eqpt. Co.
MICRELAY - Ebert Electronics Corp.
MICRETAIN - Cambridge Filter Corp.
MICRO - Phoenix Precision Instrument Co.
MICRO-AC - Cleveland Instrument Co.
MICRO-CIRCLE - Precise Measurements Co. Inc.
MICRO DIAL - Borg Equipment Div.
MICRO-DUCER - Clark Electronic Labs.
MICRO-G - Texas Instruments Inc.
MICRO-GAP - Utah Radio Products Corp.
MICRO-GLASS - Microwave Assocs.
MICRO-GRAM - Fedtro Inc.
MICRO-JAX - Switchcraft, Inc.

MICRO-MIXER - Microwave Assocs.
MICRO-MODULATOR - James Electronics Inc.
MICRO-NAMIC - Micro Balancing, Inc.
MICRO-NODE - Kay Electric Co.
MICRO-PLUG - Switchcraft, Inc.
MICRO-POSITIONER - Optomechanisms, Inc.
MICRO POT - Borg Equipment Div.
MICRO-PULSER - Kay Electric Co.
MICRO SCAN - James Electronics Inc.
MICRO-SHIMS - Staver Co., Inc.
MICRO-STAT - Pulse Engineering, Inc.
MICRO-SWEEPER - Teltronics, Inc.
MICROBLOC - Rheem Semiconductor Corp.
MICROBRAKE - Magtrol, Inc.
MICROCARB - Leeds & Northrup Co.
MICROCAST - Austenal Co. Div.
MICROCASTING - Austenal, Co. Div. Howe Sound
MICROCHOPPER - Solid State Electronics Co.
MICROCLUTCH - Magtrol, Inc.
MICROCOM - General Devices, Inc.
MICROCON - Elco Corp.
MICROCORDER - Micrometrical Mfg., Co.
MICROFILM - United Products Co.
MICROFLEX - Eagle Signal Co. Div.
MICROFUSE - Littelfuse, Inc.
MICROID - Burnell & Co., Inc.
MICROJUSTER - Servo Development Corp.
MICROLEVEL - Stevens-Arnold Inc.
MICROLINE - Sperry Gyroscope Co.
MICROLTER - Kay Electric Co.
MICROLYTIC - General Instrument Corp.
MICROMAG - Magnetic Research Corp.
MICROMATCH - Jones Electronics Co., Inc., M.C., Sub. of Bendix Aviation Corp.
MICROMETER - Lampkin Laboratories, Inc.
MICROMIL - Nuclear-Chicago Corp.
MICROMITE - Telegraph Condenser Co. Ltd.
MICROMOTOR - Redmond Co., Inc.
MICRONEX - Columbian Carbon Co.
MICROPAC - Electronic Research Associates
MICROPAC - Era Pacific Inc.
MICROPACK - Telegraph Condenser Co. Ltd.
MICROPAINT - Micro-Circuits Co.
MICROPASTE - Micro-Circuits Co.
MICROPOSITIONER - Barber-Colman Co.
MICROPITCH - Diamond Chain Co. Inc.
MICROPIX - Litton Industries
MICROPOISE - Cook Electric Co.
MICROPULSE - Barber-Coleman Co.
MICROPUNCH - Moran Instrument Corp.
MICROSHUTTER - ITT Labs.
MICROSIRE - Cook Electric Co.
MICROSONDE - Intercontinental Electronics Corp.
MICROSTACK - General Ceramics Div.
MICROSTAK - International Resistance Co.
MICROSTRIP - Automation Electronics Inc.
MICROSYN - Minn-Honeywell Reg. Co.
MICROTEL - Lenkurt Electric Co., Inc.
MICROTHIN - Shamban & Co., W.S.
MICROTOOL - Circon Component Corp.
MICROTORQUE - Giannini Controls Corp.
MICROTRIM - Bourns, Inc.
MICROTRON - Litton Industries
MICROVAC - Stokes Corp., F.J.
MICROWAVE-BY-WIRE - Surface Conduction, Inc.
MIDAS - Chase Brass & Copper Co.
MIDFOAM - Midwest Foam Prods. Co.
MIDGET - Sprague Electric Co.
MIDLAND - Associated American Winding Machy.
MIDLFEX-TM - Engelhard Industries, Inc.
MIDOHM - Driver-Harris Co.
MIG - Minatron Corp.
MIGHTY MITE - Mechanical Ind. Production Co.
MIKE-O-METER - Sprague Electric Co.
MIKROVAN - Esso Standard, Div. of Humble Oil & Refining Co.
MIL-E-TRIM - Bourns Inc.
MIL-STAK - Telemeter Magnetic's Inc.
MIL-WROT - Wrought Washer Mfg. Co.
MILIPOT - Vook Engineering Co.
MILLI-MIKE - Edgerton, Germeshausen & Grier
MILLI V METER - Howell Instrument Co.
MILLICLAMP - Dawe Instruments, Ltd.
MILLISEC - Stevens-Arnold Inc.
MILLISYN - Minn-Honeywell Reg. Co.
MILLIVAC - Bristol Co.
MILLIWATTER - Filtors, Inc.
MILROS - Milton Ross Co.
MILWAUKEE WROT - Wrought Washer Mfg. Co.
MIN-AMP - E O Electronics, Inc.
MINABEARINGS - Miniature Precision Bearings, Inc.
MINELCO - Miniature Electronic Components Corp.
MINEON - Drake Mfg. Co.
MINERALIGHT - Black Light Corp. of America
MINI-BRITE - CBC Electronics Co.
MINI-CHOKE - Superex Electronics Corp.
MINI-CON - Switchcraft, Inc.
MINI-DIAL - Theta Instrument Corp.
MINI-FLEX - Hamner Electronics Co., Inc.
MINI-GATOR - Mueller Electric Co.
MINI-JACKS - Fedtro Inc.
MINI-JECTOR - Newbury Industries, Inc.
MINI-JOINTS - Falcon Div.
MINI-LAB - Stanley Aviation Corp.
MINI-LINE - Magnetec Corp.
MINI-LINE - Bailey Meter Co.
MINI-LITE - Transistor Electronics Corp.
MINI-LYTICS - Pyramid Electric Co.
MINI-MARKERS - Westline Prods. Div. Western Lithograph Co.
MINI-MAX - Union Carbide Corp
MINI-MECH - Melpar, Inc.
MINI-MIKE - Telex Inc.
MINI-MIX - Switchcraft, Inc.
MINI-MOD - Cleveland Metal Specialties Co.
MINI MODULE - Ansley Mfg. Co., Arthur
MINI-NOISE - Microdot, Inc.
MINI-OHM - Sprague Electric Co.
MINI-RAPID - Fairchild Camera Instr. Corp.
MINI-SCOPE - EPR Special Products Corp.
MINI-SHIELDS - Staver Co., Inc.
MINI-SPOT - Pesco Products Div. Borg-Warner
MINI-SPRINGS - Staver Co., Inc.
MINI-SYNCLAMPS - Timber-Top, Inc.
MINI-THIN - Thermax Wire Corp.
MINI-TRAK - Western Devices, Inc.
MINI-TYPER - Shepard Labs. Inc.
MINI-VOLT - Industrial Devices, Inc.
MINI-VOX - Fedtro Inc.
MINIBOX - Bud Radio, Inc.
MINIBUZZER - Line Electric Co.
MINICATOR - Industrial Devices, Inc.
MINICOM - General Devices, Inc.
MINICON - Connector Seals Corp.
MINICUBE - Sanders Associates Inc.
MINIDUCTORS - United Transformer Corp.
MINIDYNE - Aerolab Development Co.
MINIFAN - Garrett Corp.
MINIFILTERS - United Transformer Corp.
MINILATOR - Kay Electric Co.
MINILINES - Columbia Technical Corp.
MINILOK - Burndy Corp.
MINIMITE - Astron Corp.
MINIMITE - Thermo Electric Co.
MINIPAK - Radio Specialty Mfg. Co.
MINIPLATE - Gulton Industries, Inc.
MINIPLEXER - Ascop Div. Electro Mech. Research Inc.
MINIRACK - Southern Instrs. Ltd.
MINIRAD - Jordan Electronics Div.
MINIRELAY - Ebert Electronics Corp.
MINISEL - Electronic Devices, Inc.
MINISIG - Engineered Electronics Co.
MINISLIDE - Bud Radio, Inc.
MINISOURCE - Elasco, Inc.
MINISTRIP - Ward Leonard Electric Co.
MINITAN - Components, Inc.
MINITAPE - Stancil-Hoffman Corp.
MINITEL - Westrex Corp.
MINITORQUE - Giannini Controls Corp.
MINIWELD - Engineered Electronics
MINOCHRON - Jordan Electronics
MINOXO - Engelhard Industries, Inc.
MINSTREL - I.H. Mfg. Co.
MINUET - Beltone Hearing Aid Co.
MIRA-LITE - Pacific Universal Prods. Corp.
MIRACLE TAPE - Gering Plastics Div.
MIROJOY - Reflectone Electronics Inc.
MIRROBAND - Daystom, Inc.
MISSILE MODULE - Ansley Mfg. Co., Arthur
MISSILITES - Marco Industries Co.
MISSILMITE - General Instrument Corp.
MISSILYZER - Kay Electric Co.
MITEY-MIX - Fedtro Inc.
MIX-AMPS - Switchcraft, Inc.
MO - CBC Electronics Co. Inc.
MO-HY - Forsberg Mfg. Co.
MOBILFONE - Mobil Electronics Inc.
MOBILMATIC - Mobil Electronics Inc.
MOBILPAGE - Midwest Audio Corp.
MOBILTEL - Lenkurt Electric Co., Inc.
MOBILTONE - Mobil Electronics Inc.
MODIFIED HILO - Driver Co., Wilbur B.
MODU-MERC - Vapor Heating Corp.
MODU-RAK - Premier Metal Products Co.
MODU-WAVE - Sciaky Bros, Inc.
MODUCELL - Topatron Inc.
MODULAR RACK SYSTEM - Electro-Rack, Inc.
MODULEC - Modelectric Products Corp
MODULINE - Sprague Electric Co.
MODULITE - Bach Auricon Inc.
MODULOK - Burndy Corp.
MODUMATIC - Data Systems Dept. United Aircraft
MOGENCO - Motor Generator Corp.
MOIST-O-GRAPH - Minn-Honeywell-Brown Instr. Div.
MOISTEMP - Rockbestos Wire & Cable Co.
MOISTURE MONITOR - Strandberg Eng. Labs.
MOLCOTE - Frenchtown Porcelain Co.
MOLDED ON - Barker Products Co.
MOLDED-ON - Component Mfg. Service
MOLDITE - Ferricore, Inc.
MOLDITE - National Moldite Co.
MOLE - Burndy Corp.
MOLECU-DRYER - Hayes, Inc., C. I.
MOLELULOY - Molecu-Wire Corp.
MOLIMITER - Burndy Corp.
MOLLY-G - Texas Instrments Inc.
MOLYKOTE - Alpha Molykote Corp.
MONADLOC - Monadnock Mills Div. United Carr
MONARCH - Birmingham Sound Reproducers, Ltd.
MONASTRIP - Mona Industries, Inc.
MONATEL - Litton Industries
MONAUTRONIC - Budd Co.
MONDUR - Mobay Chemical Co.
MONITOR - Radio Merchandise Sales, Inc.
MONITOR - Soundscriber Corp.
MONITOR - Atlee Corp.
MONITORADIO - I.D.E.A. Inc.
MONITORQUE - Giannini Controls Corp.
MONITRON - Moore Associates
MONO-TET - W. L. Gore & Assoc., Inc.
MONOCAL - Advanced Measurement Instrs. Inc.
MONOLYTHIC - Sprague Electric Co.
MONOMOTOR - Redmond Co., Inc.
MONOPAK - American Mach. & Foundry Co.
MONOPLEX - Shure Bros. Co.
MONOSHELL - Misco Precision Casting Co.
MONROBOT - Monroe Calculating Machine Co.
MONTAUK - Munston Electronic Mfg. Corp.
MOODY KIT - Moody Machine Products Co., Inc.
MORFLEX-TM - Engelhard Industries, Inc.
MORPHO - Cannon Electric Co.
MORSE EUREKA - Morse Co., Frank W.
MOTO-MITE - Globe Industries, Inc.
MOTOPRENE - Essex Wire Corp.
MOTOR-MIKE - Electro Capacitors Co.
MOTORLYTIC - General Instrument Corp.
MOTORK - Magnetic Metals Co.
MOTOROID - Leetronics, Inc.
MOTOROID - Daco Instrument Co.
MOTOROTOR - Apparatus Development Co., Inc.
MOTORTRON - Bussmann Mfg. Div.
MOTRAC - Motorola Communication & Electronics,
MOTRON - W. C. Robinette Co.
MOULIC/LITE - Moulic Specialties Co.
MOVING COIL - Fairchild Recording Eqpt. Corp.
MOX-TAPE - Moxness Prod., Inc.
MOXITE - Moxness Products, Inc.
MOXLON - Moxness Products, Inc.
MOYNO - Robbins & Myers
MP - Murray Mfg. Corp.
MPB - Minature Precision Bearings, Inc.
MRM - Milton Ross Co.
MT-JAX - Switchcraft, Inc.
MU-CIRCUIT - International Resistance Co.
MU-STAT - Precision Thermometer & Instr. Co.
MUDUCELL - Topatron, Inc.
MUFAX - Muirhead H Co., Ltd.
MUFFIN - Rotron Mfg Co., Inc.
MUFLEX-TM - Engelhard Industries, Inc.
MULTI-COMP - Sprague Electric Co.
MULTI-ELMAC - Multi-Products Co.
MULTI-LITE - Nicad Div. Gould Natl. Batteries Inc.
MULTI-MIKE - Navan Products, Inc.
MULTI-PIN - Microdot, Inc.
MULTI-PULSER - Kay Electric Co.
MULTI STACK - Consolidated Resistance Spec. Co.
MULTI SWAGE - Bead Chain Mfg. Co.
MULTI-SWITCHES - Switchcraft, Inc.
MULTI-TET - W. L. Gore & Assoc., Inc.
MULTI-V - Andrew Corp.
MULTIBEAM - Winegard Co.
MULTICODER - General Devices, Inc.
MULTICODERS - Applied Electronics Corp. of NJ.
MULTICON - Standard Electronics Div. of Reeves Inst. Corp.
MULTIDATA - Flight Research, Inc.
MULTIFLEX - Eagle Signal Co. Div.
MULTIMET - Haynes Stellite Co.
MULTIMETERS - Rawson Electrical Instrument Co.
MULTIMORPH - Clevite Electronic Components Div. Clevite Corp.
MULTIPOT - Daystrom, Inc.
MULTIPOWER - Acoustica Associates, Inc.
MULTIPULSE - Eagle Signal Co. Div.
MULTIVERTER - Packard-Bell Computer Corp.
MULTIWAVE - Telecomputing Corp.
MULTRATHANE - Mobay Chemical Co.
MULTRON - Mobay Chemical Co.
MUSI-TALK - Fanon Electronic Ind., Inc.
MUSIC KAR - Trans - Tel Corp.
MUSIC LOVER - Shure Bros. Inc.
MUSIC MINDER - CBC Electronics Co.
MUTICYCLE - Horlick Co. Inc., Wm.
MUVAR - Hamilton Watch Co.
MVR - Sorensen & Co., Inc.
MWI - Metalworks, Inc.
M/X - Mandex Mfg. Co., Inc.
MY-T-MIDGET - American Rectifier Corp
MYKROY - Electronic Mechanics, Inc.
MYLAR - E. I. du Pont de Nemours & Co., Inc.

N - Philadelphia Quartz Co.
N-900 - Essex Wire Corp.
N/A - G B Electronics Corp.
NA - Nippert Electric Products Co.
NA-ALD - Alden Products Co.
NAFLEX - Navan Products, Inc.
NAGRA - Electronic Applications, Inc.
NALCO - National Lead Co.
NAMETTS - Swenson Co., Inc., V.H.
NAMOGRAPH - Kingsley Machine Co.
NANOWATTER - Filtors, Inc.
NARBAN - ITT Labs.
NARC - Stone Labs. Inc.
NARCO - National Aeronautical Corp.
NARCO MARK V - National Aeronautical Corp.
NARCO MARK VI - National Aeronautical Corp.
NARCO OMNIGATOR - National Aeronautical Corp.
NARCO SAPPHIRE - National Aeronautical Corp.
NARCOIL - NRC Equipment Corp.
NARROW-CAPS - Mucon Crop.
NASSAU - Munston Electronic Mfg. Corp.
NATFAB - National Fabricators Inc.
NATIONAL - Valco Mfg. Co.
NATIONAL - General Hardware Mfg. Co.
NATITE - National Ceramic Co.
NATORQ - Navan Products, Inc.
NAUTILUS - Linemaster Switch Corp.
NAVALOY - Chase Brass & Copper Co.
NAVAPI - Autonetics
NAVCOR - Navigation Computer Corp.
NAVENT - Navan Products, Inc.
NAVIGADE - American Hydromath Corp.
NAVIGATOR - E.F. Johnson Co.
NAVKUT - Navan Products, Inc.
NAVONIC - Navan Products, Inc.
NCR - National Cash Register Co.
NEBULA - Esso Standard, Div. of Humble Oil & Refining Co.
NECON - Nippon Electric Co., Ltd.
NELCO - Etchomatic, Inc.
NELEX - Nelson Electric Mfg. Co.
NEMO - Nuclear Chicago Corporation
NEMS-CLARKE - Vitro Corp.
NEOCORK - Auburn Mfg. Co.
NEOFLOW - Peerless Photo Products, Inc.
NEOLUBE - Huron Industries

NEOTEX - Columbian Carbon Co.
NEOX - Thermocal Div.
NESA - Pittsburgh Plate Glass Co.
NESCO - Newport Scientific Co.
NETCO - New England Tape Co. Div. of United-Carr Fastener Corp.
NETCOSEL - New England Tape Div. United-Carr Fastener Corp.
NETIC - Magnetic Shield Div., Perfection Mica Co.
NEUMANN - Gotham Audio Corp.
NEURON - Telecomputing Corp.
NEUTROLOY - Molecu-Wire Corp.
NEVACO - Nelson Vacuum Pump Co., George F.
NEWPORT - Nesco Instruments, Inc.
NEWPORT - Automatic Radio Mfg. Co.
NEYBOND - Ney Co., J. M.
NEYETCH - Ney Co., J. M.
NEYORS-G - Ney Co., J. M.
NF - Switchcraft Inc.
NIAGRITE - Johns-Manville.
NIAL - Driver Co., Wilbur B.
NIBSCREWS - Shakeproof Div., Ill. Tool Wks.
NICHROME - Driver-Harris Co.
NICHROME V - Driver-Harris Co.
NICKELPLY - National-Standard Co.
NICLOY - Babcock & Wilcox
NICOSEAL - Carpenter Steel Co.
NICOTE - Frenchtown Porcelain Co.
NIFORGE - General Communication Co.
NIFTE - Autonetics
NIFTY KNICKNACK - AKRO-Mils, Inc.
NILSTAIN - Driver Co., Wilbur B.
NILVAR - Driver-Harris Co.
NINE LIVES - Union Carbide Corp.
NIPHOS - New York Testing Labs. Inc.
NIREX - Driver-Harris Co.
NIROMET 46 - Driver Co., Wilbur B.
NIRON 52 - Driver Co., Wilbur B.
NITE-HAWK - Ray-O-Vac Div.
NITE-LAMP-LIGHTER - Fedtro Inc.
NITEX - Kressilk Products Inc.
NITRO-GEN - Hayes, Inc., C. I.
NIXIE - Burroughs Corp.
NLC - National Lead Co
NO-ARC - Chemtronics Inc.
NO-BATT - Bristol Co.
NO NOISE - Electronic Chemical Corp.
NO NOISE TUNER-TONIC - Electronic Chemical Corp.
NOALA - Altec Lansing Corp.
NOBALLOY - Continental-Wirt Electronics Co.
NOBATRON - Sorensen & Co., Inc.
NOBELETTE - Continental-Wirt Electronics Co.
NOBL-OHM - Fairchild Controls Corp.
NOBLEWEST - Noble & Westbrook Mfg. Co.
NOBRUSH - Georator Corp.
NOCOMBO - Forsberg Mfg. Co.
NOFLOTE - Evershed & Vignoles Ltd.
NOISEGUARD - Korfund Co. Inc.
NOMAD - Magnasyne Corp.
NOPCOFOAM - Nopco Chemical Co.
NORBIDE - Norton Co.
NORELCO - Philips Electronic Instrument
NORK - General Hardware Mfg. Co.
NORPAK - Square D Co.
NORPLAC - Northwest Plastics Inc.
NORPLEX - Northern Plastics Corp.
NOVAR - Kahle Engineering Co.
NOX-RUST - Daubert Chemical Co.
NOX-TARNISH - Daubert Chemical Co.
NP-3 - Ohio Seamless Tube
NP-60 - Ohio Seamless Tube
NPC - Nucleonic Products Co.
NR - Edward Segal
NR-ESSM - Edward Segal
NRD - Nuclear Corp. of America
NRUSORB - Felters Co.
NRUSORB LEVEL-RITE - Felters Co.
NU-BLAC - Star Porcelain Co.
NUCLEAN - National Utrasonic Corp.
NUCLEARULE - Nuclear Chicago Corporation
NUCLIBADGE - Nuclear Chicago Corporation
NUCOR - Nuclear Corp. of America
NULLMATIC - Moore Products Co.
NUMECHRON - Pennwood Numechron Co.
NUMILL - Autonetics Div. North American Aviation.
NURSE SAVER - Standard Electric Time Co.
NUTT-SHEL - Standard Pressed Steel Co.
NYALITE - Electric Autolite Co.
NYCO - New York Coil Co., Inc.
NYLA-ROLL - Kaydon Engrg. Co.
NYLAFLOW - Polymer Corp.
NYLASINT - Polymer Corp.
NYLATCH - Hartwell Corp.
NYLATINT - Polymer Corp.
NYLATRON - Polymer Corp.
NYLEZE - Phelps Dodge Copper Products Corp.
NYLOCLIP - Burndy Corp.
NYLOFAST - Anti-Corrosive Metal Products Co.
NYLOFILM - Shamban & Co., W.S.
NYLON-ZIP - Waldes Kohinoor, Inc.
NYLONITE - Plastic Wire & Cable Corp.
NYLOTUBE - Shamban & Co., W.S.
NYLROO - Carmer Industries Inc.
NYTHERM - Magnet Wire Div. Essex Wire
NYTRAN - New York Transformer Co.
NYTRONICS - New York Transformer Co.

O.M.I. - Omtronics Mfg. Inc.
O-PAC - Opad Electric Co.
O-RINGS - Parker Seal Co.
OAKOMETER - Oakite Products, Inc.
OAKWOOD - Osborn Products.
OBROUND - Crouse-Hinds Co.
OBSERVER - Blonder-Tongue Laboratories, Inc.
OCTAKRIMP - ETC Inc.
OCTO-LET - Fedtro Inc.
OFC - Ortho Filter Corp.
OGP - Optical Gaging Products, Inc.
OHM SPUN - States Co.
OHIO-APEX - Food Machinery & Chemical Corp.
OHIOHM - Ohio Carbon Co.
OHMATRON - Clark Electronic Labs.
OHMAX - Driver-Harris Co.
OHMOID - Wilmington Fibre Specialty Co.
OHMSTONE - Johns-Manville.
OIL FOIL - American Felt Co.
OILDAG - Acheson Colloids Co.
OK - Eagle Electric Mfg. Co., Inc.
OKEMCO - Oakite Products Inc.
OKLIP - Burndy Corp.
OLYMPIC - Chase Brass & Copper Co.
OMEGALITE - Omega Laboratories Inc.
OMNI 6 & 10 - Prodelin, Inc.
OMNI-GLOW - Industrial Devices, Inc.
OMNI-LENS - Acoustica Associates, Inc.
OMNIMITE - Bendix Corp.
OMNITENNA - Tennalab.
OMNIVUE - Prodelin, Inc.
OMTRON - Omtronics Mfg. Inc.
1-J R - Carpenter Steel Co.
OPALON - Monsanto Chemical Co.
OPTEL - Presin Co.
OPTISYN - Dynamics Research Corp.
OPTITHERM - Barnes Engineering Co.
OPTOSIL - Engelhard Industries, Inc.
OPTYPE - Specialties, Inc.
ORANGE DROP - Sprague Electric Co.
ORLON - E. I. duPont de Nemours & Co. Inc.
OROSENE 999 - Technic Inc.
OROTHERM HT - Technic Inc.
ORTHO-TRIG - Ortho Filter Corp.
ORTHOLOG - Gulton Industries, Inc.
ORTHONIK - Armco Steel Corp.
ORTHONOL - Magnetics Inc.
ORTHOSIL - Thomas & Skinner, Inc.
OS - Ohizumi Mfg. Co. Ltd.
OSCAR - Benson-Lehner Corp.
OSCIDUCER - Solid State Electronics Co.
OSCILLOPERTERBO GRAPH - Intercontinental Electronics Corp.
OSCILLOTRON - Beattie-Coleman, Inc.
OSTUCO - Ohio Seamless Tube Div., Copperweld Steel Co.
OTHOSIL - Thomas & Skinner Inc.
OUNCER - United Transformer Corp.
OVALTUBE - Plastoid Corp.
OXALLOY - Sylvania Electric Prods. Inc.
OXIRON - Food Machinery & Chemical Corp.
OXLEY - British Radio Electronics, Ltd.
OYLTITE-STIK - Lake Chemical Co.
OZAFAX - Ozalid Div. Gen. Aniline & Film Corp.

P-300 - Essex Wire Corp.
P-K - General American Transportation Corp.
P2 - Warco Industries, Inc.
PA - Aerovox Corp.
PAC - Erie Resistor Corp.
PACE - Precision Apparatus Co., Inc.
PACE - Electronic Associates Inc.
PACE SETTER - JFD Electronics Corp.
PACEMASTER - Escotronics
PACER - Sprague Electric Co.
PACITOR - Simmonds Aerocessories Inc.
PACITRON - Simmonds Aerocessories, Inc.
PACO - Precision Apparatus Co., Inc.
PACSOL - Licon Div. Illinois Tool Wks.
PAECO - Palo Alto Engrg. Co.
PAGEMASTER - Gen. Dynamics/Electronics
PAISLEY - Morningstar-Paisley, Inc.
PAK-TROL - Vickers Inc.
PAL - JFD Electronics Corp.
PALINEY 7 - Ney Co., J. M.
PALIRIUM - Bourns, Inc.
PALLADEX - Sel-Rex Corp.
PALS - Palnut Co., Div. of United - Carr Fastener Corp.
PAMCO - Paraplegics Mfg. Co., Inc.
PAN EL - Pan-Electronics Corp.
PANACOUSTIC - U S Recording Co.
PANADAPTOR - Panoramic Radio Products Inc.
PANALYZOR - Panoramic Radio Products Inc.
PANAR - Sanders Associates Inc.
PANDUCT - Panduit Corp.
PANDUX - Pacific Transducer Corp.
PANELESCENT - Sylvania Electric Prods.
PANELPACK - Waterman Products Inc.
PANELSCOPE - Waterman Products Inc.
PANELYTE - St. Regis Paper Co.
PANLTRIM - Bourns, Inc.
PANORAMA - JFD Electronics Corp.
PANORAMIX - Comet Co.
PANTO-SERT - Design Tool Co. Div.
PAPEX - Pacific Automation Products, Inc.
PAPRENE - Pacific Automation Products, Inc.
PAR-AC - Cleveland Instrument Co.
PARA-FILTER - Burke & James, Inc.
PARABOLITE - Jones & Lamson Machine Co.
PARAFLECTOR - Scala Radio Co.
PARAFORMED - Paramount Paper Tube Corp.
PARATEX - Blocksom & Co.
PARBAK - Parker Seal Co.
PARICODE - North Electric Co.
PATCHMASTER - Aeroquip Corp.
PATHFINDER - Newcomb Audio Products Co.
PAVCO - Paine Avionics
PCA - Phonograph Corp. of America
PCRC ELECTRO - Phys-Chemical Research Co.
PEAC - Barnes Engineering Co.
PEC - Precision Electric Components, Ltd.
PEC - Central Electronics Div. Globe-Union
PEC - Printed Electronic Components Ltd.
PECO - Precision Engraving Co.
PECO - Pacific Electricord Co.
PEDALINE - Line Electric Co. Div.
PEDIGREE - George Co., P.D.,
PEE-WEE - Mueller Electric Co.
PEERLESS - National Vulcanized Fibre Co.
PEERLESS - Altec Lansing Corp.
PEG-BOARD - Masonite Corp.
PEGI - Adalet Mfg. Co.
PELLON - Geoscience Instruments Corp.
PEN-RAY - Black Light Corp. of America
PEN-RAY - Ultra-Violet Products, Inc.
PENCO - Pacific Electro - Nuclear Corp.
PENDET - Central Electronics Div. Globe-Union
PENESEAL - Burndy Corp.
PENETRANT - Oakite Products Inc.
PENETREX - X-Ray Products Corp.
PENETROX - Burndy Corp.
PENN-CRIMP - Penn-Union Electric Corp.
PENN-L-TAP - Penn-Union Electric Corp.
PENN-LUG - Penn-Union Electric Corp.
PENN-TAP - Penn-Union Electric Corp.
PENN-TRAN - Penn Transformer Corp.
PENN-WRAP - Penn-Union Electric Corp.
PENN-WRAPPER - Penn Union Electric Corp.
PENNTUBE - Pennsylvania Fluorocarbon Co.
PENTON - Hercules Powder Co., Inc.
PER-SOLV - Circo Corp.
PERCLENE - E.I. DuPont de Nemours & Co. Inc.
PERCO - Linell Engrg. Corp., Chas. S.
PERECO - Pereny Equipment Co., Inc.
PERF-I-KAL - Hallmark Nameplate Inc.
PERFECT-O-CUT - Tablet & Ticket Co.
PERFECTION - National Felt Co.
PERFECTIONIST - Fedtro Inc.
PERFECTONE - Jensen Industries, Inc.
PERFEX-PAK - Perfex Corp.
PERFEXCHANGER - Perfex Corp.
PERFOGRAPH - Advanced Instrument Corp.
PERISCOPE - JFD Electronics Corp.
PERLE - Burke & James, Inc.
PERM-A-CAPS - Chicago Condenser Corp.
PERMA-BAND - Krengel Mfg. Co., Inc.
PERMA BRUSH - General Devices, Inc.
PERMA CODE - W. H. Brady Co.
PERMA DYNE - Melody Master Mfg. Co.
PERMA-GRIP - Krengel Mfg. Co., Inc.
PERMA-LINE - Optical Gaging Products, Inc.
PERMA-LOK - JFD Electronics Corp.
PERMA-NUT - Tubular Rivet & Stud Co.
PERMA PAPER - Sanborn Co.
PERMA-SCALE - Dietzgen Co., Eugene
PERMA-SHIELD - W. H. Brady Co.
PERMA-TORQ - Cambridge Thermionic Corp.
PERMAFORCE - Waltham Precision Instr. Co.
PERMAFORM - Columbia Wire & Supply Co.
PERMAGRID - Driver Co., Wilbur B.
PERMAKOUPLE - Smith Mfg. Co. Inc., E.C.
PERMALINE - Columbia Wire & Supply Co.
PERMALOX - Permali, Inc.
PERMASEAL - Guardian Electric Mfg. Co.
PERMASEAL - Sprague Electric Co.
PERMATAGS - Actioncraft Products.
PERMAVOLT - Grand Tran, Inc.
PERMELITE - Fiberite Corp.
PERMETER - Ameresco, Inc.
PERMI-CAL - Topflight Corp.
PERMO POINT - Fidelitone Microwave Inc.
PERMOCARB - Driver Co., Wilbur B.
PERMOPIVOTS - Fidelitone Microwave, Inc.
PERONE - E.I. duPont de Nemours & Co. Inc.
PEXTO - Peck, Stow & Wilcox Co.
PFAN-STAT - Pfanstiehl Chemical Corp.
PG - High Temperature Materials, Inc.
PHAERTLTRON - Mack Electric Devices, Inc.
PHALON - Phalo Plastics Corp.
PHANTOM - Ward Products Corp.
PHASE ANGLE - North Atlantic Industries
PHASEOMETER - Wintronics
PHASOLVER - Telecomputing Corp.
pHAYES-MASTER - Hayes, Inc., C. I.
PHAZOR - Industrial Test Equipment Co.
PHENOLITE - National Vulcanized Fibre Co.
PHIL-TROL - Phillips Control Corp.
PHOENIX - Keuffel & Esser Co.
PHOLOCHRON - Photocron Research, Inc.
PHONOLA - Waters Conley Co.
PHONOSTROBE - Berkshire Labs.
PHOSNIC - Chase Brass & Copper Co.
PHOSON - United Wire & Supply Corp.
PHOSROC - Rockbestos Wire & Cable Co.
PHOSTUBE - All-State Welding Alloys Co.
PHOTO-TAPE - Bach Auricon, Inc.
PHOTO-TRONIC - American Research Lab.
PHOTOPOT - Giannini Controls Corp.
PHOTOSWITCH - Electronics Corp. of America.
PHOTOTRON - Thomas Electronics, Inc.
PHOTOPROBE - Electro Physics Co.
PHOTRONIC - Daystrom Inc.
PI-CAPS - Chicago Condenser Corp.
PIC - Polyphase Instrument Co.
PIC BOOST - CBC Electronics Co. Inc.
PIC SYNC - Fairchild Recording Equip. Corp.
PICO-TRAN - Polyphase Instrument Co.
PIEZITE - Endevco Corp.
PIG-TAILOR - Bruno - N.Y. Industries Corp.
PILOT - Electronic Research Associates
PIN-SAVER - Air-O-Tronics Engrg. Co.
PINCOR - Pioneer Gen-E-Motor Caorp.
PINHEAD - Sprague Electric Co.
PINPOT - Bourns, Inc.
PIONEER - National Lead Co.
PIP-JET - JFD Electronics Corp.
PIPETITE-STIK - Lake Chemical Co.
PISTOGRIP - Wall Mfg. Co., P.
PITLOG - Pitometer Log Corp.
PIX SEE - Polaris Engineering Corp.
PIXIE - Ward Products Corp.
PIXIE - Burroughs Corp.
PLAN-O-BOARD - Planoramics, Inc.

PLANETGEAR – Haydon Instrument Co.
PLANOFAX – Litton Industries
PLANOFAX – Times Facsimile Corp.
PLAQOHM – Ward Leonard Electric Co.
PLAS-PREG – Furane Plastics Inc.
PLASCENE – Chester Cable Corp.
PLASMAGUN – Avco Research & Advanced Devel.
PLAST-ALUM – Heager Inc.
PLASTI-GOLD – Anchor Ind'l. Co.
PLASTI – Fastex Div. Illinois Tool Wks.
PLASTI-BRASS – Anchor Ind'l. Co. Div., Anchor Plastics Co.
PLASTI-FLEX – Auburn Mfg. Co., The.
PLASTI-KROME – Anchor Ind'l Co. Autolite Co.
PLASTICEL – Chester Cable Corp.
PLASTICEL – Electronic Devices, Inc.
PLASTICLAD – Chester Cable Corp.
PLASTICAL – C&D Batteries, Div. of the Electric
PLASTICON – Condenser Products Div. New Haven Clock & Watch Co.
PLASTICORD – Chester Cable Corp.
PLASTICORE – Chester Cable Corp.
PLASTICOTE DUROFLOW – Chester Cable Corp.
PLASTICSEAL – Chester Cable Corp.
PLASTICURL – Chester Cable Corp.
PLASTIFELTS – Felters Co.
PLASTINITE – Fastex Div. Illinois Tool Wks.
PLASTO-PAK – Standard-Toch Chemicals, Inc.
PLASTOMETER – Fischer & Porter Co.
PLASTURBO – Mamco Corp.
PLATANEX – Sel-Rex Corp.
PLATANIUM – Selrex Corp.
PLEXICON – Erie Resistor Corp
PLEXITEL – Litton Industries
PLEXTONE – Maas & Waldstein Co.
PLICA – Flexaust Co.
PLIOBOND – Goodyear Tire and Rubber Co.
PLIOFLEX – Goodyear Tire & Rubber Co.
PLIOGRIP – Goodyear Tire and Rubber Co.
PLIOLITE – Goodyear Tire & Rubber Co.
PLIOVIC – Goodyear Tire and Rubber Co.
PLNS-100 – Reeves Soundcraft Corp.
PLNS-50 – Reeves Soundcraft Corp.
PLUG IN LIMIT – Micro Switch
PLUG-N-PROBE – Air-O-Tronics Engrg. Co.
PLUMBER KRAK-STIK – Lake Chemical Co.
PLUS MODULE – Ansley Mfg. Co., Arthur
PLY-ON – Apeco Amer. Photocopy Equip. Co.
PLY-PAK – Hinde & Dauch Div. of West Virgina Pulp & Paper Co.
PLYAMINE – Reichhold Chemicals, Inc.
PLYAMUL – Reichhold Chemicals, Inc.
PLYMASTER – Rubber & Asbestos Corp.
PLYOPHEN – Reichhold Chemicals, Inc.
PLYTUBULAR – Tennalab.
PMI – Precision Metalsmiths, Inc.
PMS – Milton Ross Co.
PNR – Rockbestos Wire & Cable Co.
POCKET POT – Sensitive Research Instrument
POCKETAPE – Broadcast Eqpt. Specialties Corp.
POCKETSCOPE – Waterman Products Inc.
POINT SEVEN – Permo, Inc.
POKE WELDER – Pioneer Industries Div. of Almar-York Co., Inc.
POL-LAR – Precision Paper Tube Co.
POLAR-AIRE – Ed-Berl Products Inc.
POLAR PATH – Eclipse Pioneer Div.
POLARIZING – Continental Connector Corp.
POLICARB – Driver Co., Wilbur B.
POLIFLEX-TM – Engelhard Industries, Inc.
POLY-BOND – Bridgeport Insulated Wire Co.
POLY-D – Wilson Rubber Co. Div.
POLY-PEDANCE – Chicago Standard Transformer
POLY-PLATES – W. H. Brady Co.
POLY SAVERS – Poly Scientific Corp.
POLY-SONIC – McKenna Laboratories
POLY-THERMALEZE – Phelps Dodge Copper Prods. Corp.
POLYBOND – Polymer Industries Inc.
POLYCAP – Aerovox Corp.
POLYCOUPLER – CGS Labs., Inc.
POLYETHYLENE – Monsanto Chemical Co.
POLYFILM – Dow Chemical Co.
POLYFLEX – Eagle Signal Co. Div.
POLYFOAM – RF Products Div.
POLYFOAM – General Tire & Rubber Co.
POLYIRON – Crowley Div., A. O. Smith
POLYLITE – Reichhold Chemicals, Inc.
POLYLOOP – Rollan Electric Co.
POLYMET – Cosmic Radio Corp.
POLYPENCO – Polymer Corp.
POLYPRESS – Burndy Corp.
POLYPULSE – Eagle Signal Co. Div.
POLYRANGERS – Sensitive Research Instrument
POLYSHELL – Precision Metalsmiths, Inc.
POLYSTRIP – International Resistance Co.
POLYTET – Ethylene Corp.
POLYTEX – Frederick Post Co.
POLYVIAL – Olympic Plastics Co. Inc.
PONOGOMETER – Technology Instr. Corp. of Acton
POOL-GARD – Consolidated Productions Inc.
POP – United Shoe Machinery Corp.
PORO TUBE – Lamtex Industries Inc.
PORT-A-PHONE – Feiler Engrg. & Mfg. Co.
PORT-O-REEL – Ind'l. Electrical Wks. Inc.
PORTA CHIEF – Audio Equipment Co., Inc.
PORTA-KALL – Loge Electronics Inc.
PORTA-VOX – Polytronic Research, Inc.
PORTACOM – Communications Co.
PORTACOM – Du Mont Labs., Inc., Allen B.
PORTAPEX – Apex Coated Fabrics Co.
PORTAPRESS – Modern Mfg. Co.
PORTATUBE – Aluminum Co. of America
PORTOVENT – Flexaust Co.
POSITIVE LOK – Sliding Mechanisms, Inc.
POSITRAN – Accuron Co.
POSTLITE – Drake Mfg. Co.
POTTERMETER – Potter Aeronautical Corp.
POW-R-BOOSTER – Blonder-Tongue Labs.
POWASERT – United Shoe Machinery Corp.
POWER BEAM – Winegard Co.
POWER CEPTOR – Winegard Co.
POWER-FLEX – Standard Electric Time Co.
POWER-HELIX – JFD Electronics Corp.
POWER-MITE – Fedtro Inc.
POWER-O-MATIC – Blue M Electric Co.
POWER PIX – Winegard Co.
POWER SPECTRAL – Panoramic Radio Products,
POWER STREAK – American Electric Cable Co.
POWERAX – Sonex, Inc.
POWEREEL – Industrial Electrical Wks.
POWERHOUSE – Fedtro Inc.
POWERLOID – Guardian Electric Mfg. Co.
POWERMAG – Torwico Electronics, Inc.
POWERMASTER – Jem Electronics Corp.
POWERSEL – Electronic Devices, Inc.
POWERSTAT – Superior Electric Co.,
POWERTRAN – Ferrotran Electronics Co., Inc.
POWERTRON – Winegard Co.
POWERTRON – Industrial Test Equipment Co.
POWR AMP – Hagan Chemicals & Controls Inc.
POWR LINK – Hagan Chemicals & Controls, Inc.
POWR LOG – Hagan Chemicals & Controls Inc.
POWR MAG – Hagan Chemical & Controls Inc.
POWR PAKT – Alliance Mfg. Co.
POWR-RIB – Ohmite Mfg. Co.
POWR SERV – Hagan Chemicals & Controls, Inc.
POWRMITE – Filtors, Inc.
POWRPAGE – University Loudspeakers, Inc.
POXYLUBE – Poly-Chem.
PP – Fansteel Metallurgical Corp.
PR – Peterson Radio Co., Inc.
PRACTI-CALL – Standard Electric Time Co.
PRAXICON – Power Designs Inc.
"PRC" – Products Research Co.
PRE-MET – Selrex Corp.
PREAC – Airpax Electronics Inc.
PRECISCANNER – Mason Instrument Co. Inc.
PRECISE-OHM – Precision Inc.
PRECISOR – Taylor Instrument Co.
PRECISTOR – International Resistance Co.
PREKORDER – Research, Inc.
PREM-O-RAK – Premier Metal Products Co.
PRENTISS – Riverside-Alloy Metal Div.
PRES-SURE – Buchanan Electric Products Corp.
PRES-TITE – Wind Turbine Co.
PRESDWOOD – Masonite Corp.
PRESS-FIT – Sealectro Corp.
PRESSFAX – Westrex Corp.
PRESSITE – West Virgina Pulp & Paper Co.
PRESSTAKER – Cramer Controls Corp.
PRESSWIMITE – Bendix Aviation Corp.
PRESTFLEX – Prestole Corp.
PRESTMOUNT – Prestole Corp.
PRESTO – Bogen-Presto Div. Siegler Corp.
PRIMER-SCOPE – Waterman Products Co. Inc.
PRINCE – Yokogawa Electric Wks. Inc.
PRINCO – Precision Thermometer & Instr. Co.
PRINT-LOK – Sprague Electric Co.
PRINT-STIX – Topflight Corp.
PRINTACT – Executone, Inc.
PRINTATE – American Printed Circuits Co., Inc.
PRINTMASTER – Ozalid Div. Gen. Aniline & Film Corp.
PRINTOHM – Sprague Electric Co.
PRINTOMETER – Electro-Physics Co.
PRINTWEIGHT – Toledo Scales Div. Toledo Scale
PRINTAPIX – Litton Industries
PRIVATE-EAR – Fedtro Inc.
PRIVATE EYE – Television Utilities Corp.
PRIVATE-LEE – Fedtro Inc.
PRIVATE LINE – Motorola Communications & Electronics
PRIVATEL – North Electric Co.
PRO-FAX – Hercules Powder Co., Inc.
PRO-GLO – American Mach. & Foundry Co.
PRO-SEAL – Coast Pro-Seal & Mfg. Co.
PROB-A-LARM – Compu Dyne Corp.
PROB-A-LEVEL – Compu Dyne Corp.
PROBOSTROBE – Nichols Ltd., R. H.
PROCESS ENGRAVING – Ackerman Engravers, Inc.
PROCETROL – Magnetic Instruments Co., Inc.
PRODAG – Acheson Colloids Co.
PRODELUBE – Prodelin, Inc.
PROFESSIONAL – Trimm, Inc.
PROFESSIONAL – Components Corp.
PROFESSIONAL – Precision Radiation Instr. Inc.
PROFICORDER – Micrometrical Mfg., Co.
PROFILE – Jensen Mfg. Co.
PROFILE MONITOR – Advanced Technology Labs.
PROFILOMETER – Micrometrical Mfg., Co.
PROGRAMATION – Guardian Electric Mfg. Co.
PROGRAMMER – Guardian Electric Mfg. Co.
PROJECTAR – Rangertone Inc.
PROJECTO-LITE – Ozalid Div. Gen. Aniline & Film Corp.
PROKAR – Sprague Electric Co.
PROMATIC – General Control Co.
PRONG-LOCK – Waldes Kohinoor, Inc.
PROPELLAIR – Robbins & Myers, Inc.
PROPELLON – LMB
PROPELLON – H.M.H. Industries
PROPIMAX – Rotron Mfg. Co., Inc.
PROPORTIONULL – Electronic Processes Corp.
PRORECO – Products Research Co.
PROTOPLATA – Electralab Printed
PROTECHTORS – Zippertubing Co.
PROTECT-O-LITE – Energy Kontrols, Inc.
PROTECT-O-LITE – Electron-Radar Prods.
PROTECTO CORD – Columbia Wire & Supply Co.
PROTECTO-MASK – Mystik Adhesive Products
PROTEXTUBE – Eagle Electric Mfg. Co., Inc.
PROTOLOY – Molecu-Wire Corp.
PROTOMAKA – Electrolab Printed Electronics Electronics
PROTYPE – Phillips Process Co., Inc.
PROX-A-PICKUP – Minatron Corp.
PRP – Photocon Research Products.
PSS – Pall Corp.
PSYCHRON – Bendix Aviation Corp.
PUFF CAMERA – Curtiss-Wright Corp.
PULSARC – Vitro Corp.
PULSECURITY – A.R.F. Products, Inc.
PULSESCOPE – Waterman Products Inc.
PULSIGNAL – A. R. F. Products, Inc.
PULSITE – Airpax Electronics Inc.
PULSOLITE – Clark Controller Co.
PULTEC – Pulse Techniques, Inc.
PUNCHTROL – Jordon Controls, Inc.
PUREBON – Pure Carbon Co.
PURIDRYER – Engelhard Industries, Inc.
PURIVAC – Commercial Filters Corp.
PUSH-PULL – Aeroquip Corp.
PUSH-PUSH – Switchcraft, Inc.
PUSH-STUDS – Fastener Products, Inc.
PUSHLOCK – Whitso, Inc.
PUSHNUT – Palnut Co., Div. of United-Carr Fastener Corp.
PYCOPACK – Pyrometer Co. of Amer. Inc.
PYGMY – Bendix Corp. Scintilla Div.
PYLE-STAR-LINE – Pyle-National Co.
PYLETS – Pyle-National Co.
PYRAMID POINT – Fidelitone Microwave, Inc.
PYRISTOR – Thermocal Div.
PYRO – Pyrometer Instrument Co.
PYRO-650 – Instrument Devel. Labs.
PYRO-EYE – Instrument Devel. Labs.
PYRO SEAL – Pyrofilm Resistor Co., Inc.
PYROCOUPLE – Royco Instruments Inc.
PYRODUR – Suflex Corp.
PYROFUZE – Cohn Corp., Sigmund
PYROHM – Aerovox Corp.
PYROLUG – Burndy Corp.
PYROMARK – Tempil Corp.
PYROMASTER – Bristol Co.
PYRONIL – National Vulcanized Fibre Co.
PYROPLY – Skydyne, Inc.
PYROTEEN – Industrial Condenser Corp.
PYROTEL – Mason Instrument Co.
PYROTEM – Royco Instruments Inc.
PYROTEMP – Clark Controller Co.
PYROTRON – Bailey Meter Co.
PYROX – Pyro - Electric, Inc.
PYROXY – Nemolab, Inc.
PRESTAKE – Prestole Corp.
PZT – Clevite Electronc Components Div. Clevite

Q – Fastex Div. Illinois Tool Wks.
Q-BESTON – Auburn Mfg. Co., The.
Q COMPARATOR – Boonton Radio Corp.
Q-LINES – Columbia Technical Corp.
Q METER – Boonton Radio Corp.
QIKLUG – Burndy Corp.
QMV – Brush Beryllium Co.
QUAD BAK – Minnesota Rubber Co.
QUAD BON – Minnesota Rubber Co.
QUAD KUP – Minnesota Rubber Co.
QUAD LIP – Minnesota Rubber Co.
QUAD PLUS – Black Light Product, Inc.
QUAD RING – Minnesota Rubber Co.
QUAD-SEALED – International Rectifier Corp.
QUAD WIP – Minnesota Rubber Co.
QUADENT – Burndy Corp.
QUADLITE – Control Switch Div., Controls Co., of Amer.
QUADRADAR – Gilfillan Bros. Inc.
QUALICON – Nuclear-Chicago Corp.
QUALICOUNT – American Hydromath Corp.
QUALITROL – American Hydromath Corp.
QUANTIZER – Computer Equipment Corp.
QUANTOGRAPH – Applied Research Laboratories
QUANTOMETER – Applied Research Labs., Inc.
QUANTOVAC – Applied Research Labs., Inc.
QUANTROL – Applied Research Labs., Inc.
QUAR-SEALED – International Rectifier Corp.
QUARTECTOR – Trans-Sonics Inc.
QUELARC – Pyle-National Co.
QUICK-CRIMP – RF Products Div.
QUICK HOT – Wen Products, Inc.
QUICK LOCK – Simmons Fastener Corp.
QUICK SILVER – Peerless Photo Products, Inc.
QUICK-SOL – Bridgeport Insulated Wire Co.
QUICK-WEDGE – Kedman Co.
QUICKWIRE – Leviton Mfg. Co., Inc.
QUIET – Leviton Mfg. Co., Inc.
QUIK-CALL – Motorola Commun. & Elect. Inc.
QUIK-LABEL – W. H. Brady Co.
QUIK-LOK – Eagle Electric Mfg. Co. Inc.
QUIK-PLATES – W. H. Brady Co.
QUIK-REG – Hinde & Dauch Div. of West Va. Pulp & Paper Co.
QUIK RIG – JFD Electronics Corp.
QUINORGO – Johns-Manville.
QUINORGOBORD – Johns-Manville.
QUINSOL – Farrelloy Corp.
QUINTENNA – Tennalab
QUINTERRA – Johns-Manville.
QUINTERRABORD – Johns-Manville.
QIKTAP – Burndy Corp.

R & M – Robbins & Myers
RACE – Sperry Gyroscope Co.
RACER – Pearce Simpson, Inc.
RACK-CADDY – Escotronics
RACK-VOLT – Nutron Mfg. Co., Inc.

RACKMASTER - Escotronics
RACKMOBILE - Escotronics
RAD-A-COR - Magnetic Core Corp.
RAD-A-LERT - U. S. Radium Corp.
RADA-NODE - Kay Electric Co.
RADA-PULSER - Kay Electric Co.
RADA-SWEEP - Kay Electric Co.
RADALIGNER - Kay Electric Co.
RADAN - GPL Div., General Precision, Inc.
RADARANGE - Raytheon Co.
RADARLIGNER - Kay Electric Co.
RADELIN - U.S. Radium Corp.
RADI-AIRE - Reynolds Electric Co.
RADI-O-COM - Trans-Tel Corp.
RADICON - Radiation, Inc.
RADICORDER - Radiation, Inc.
RADIFLO - American Electronics Co.
RADIOCARB - Driver Co., Wilbur B.
RADIODYNE - Western Coil & Electrical Co.
RADIOEAR - Myers & Sons, Inc., E.A.
RADIOGIVIT - Elomag Sprl.
RADIOHM - Centralab Electronics Div. of Globe Union, Inc.
RADIOHM - Driver-Harris Co.
RADIOLITE - Ratelco, Inc.
RADIOTRON - Radio Corp. of America
RADIPLEX - Radiation, Inc.
RADIQUAD - Radiation, Inc.
RADOP - Del Mar Engrg. Labs. Inc.
RAF - Robbins Aviation, Inc.
RAFAX - HRB-Singer, Inc.
RAIBOND - Radiation Applications Inc.
RAILINE - Aeronautical Electronics Inc.
RAINBOW - Channel Master Co.
RAINCHECK - Communications Control Corp.
RAISEAL - Radiation Applications Inc.
RAM - Minn. Honeywell Reg. Co.
RAMCOR - Radar Measurements Corp.
RANAREX - Permutit Co. A Div. of Pfaudler Permutit Inc.
RANGER - E.F. Johnson Co.
RANGER - Pye Telecommunications Ltd.
RAPAC - Square D Co.
RAPIDYNE - Fairchild Camera & Instr. Corp.
RAPROMATIC - Specialties, Inc.
RAPROROLL - Specialties, Inc.
RATIOTRAN - Gertsch Products, Inc.
RAWSON - Formsprag Co.
RAY-BOND - Raybestos-Manhattan, Inc.
RAY-TEL - Raytheon Co.
RAYCHRONIX - Nuclear Corp. of America
RAYCOM - Raytheon Co.
RAYESCENT - Westinghouse Electric Corp.
RAYFLEX-TM - Engelhard Industries, Inc.
RAYMASTER - George W. Gates & Co.
RAYOLIN - Raychem Corp.
RAYONIC - Waterman Products Inc.
RAYOTUBE - Leeds & Northrup Co.
RAYSONDE - Bendix Aviation Corp.
RBI - Automation Industries Inc.
RBM - Essex Wire Corp.
R. C. E. - Hunt Co., Philip A.
RDC - Rotary Devices Corp.
RDR - Radio Development & Research Corp.
RE-CIRK-IT - Heinemann Electric Co.
RE-COIL - Miller Co., L. C.
REA - Aluminum Co. of America
REAC - Reeves Instrument Corp.
REACTRONIC - Sel-Rex Corp.
READALL - Union Switch & Signal Div.
REALI-SLIM - Kaydon Engineering Corp.
REAPAK - Rea Magnet Wire Co., Inc.
RECO - Reynolds Electric Co.
RECOMP - Autonetics Div.
RECONOFAX - HRB-Singer, Inc.
RECTAGON - Goerz American Optical Co., C. P.
RECTI-PULSE - Data-Master Corp.
RECTICHARGER - Raytheon Co.
RECTIFILTER - Raytheon Co.
RECTIRINGER - Raytheon Co.
RECTODYNE - Christie Electric Corp.
RED DOT ARTAR - Goerz American Optical
RED HEAD - San Fernando Electric Mfg. Co.
RED LINE - G-V Controls, Inc.
RED STREAK - Brown Bridge Mills
RED WOOD - JFD Electronics Corp.
REDAP - Philco Corp., G & I
REDE STIK - Ever Ready Label Corp.
REDHEAD - Clevite Electronic Components Div. Clevite Corp.
REDHEAD - Electro-Sonic Labs.
REDHEAD - Burndy Corp.
REDTOP - Bradley Semiconductor Corp.
REEDEER - Reeder & Co., Charles M.
REEL IT - Workman TV Products, Inc.
REELITES - Appleton Electric Co.
REEVELEC - Reeve Electronics, Inc.
REF-AMPS - Transitron Electronic Corp.
REFLECTAR - Zoomar, Inc.
REFRASIL - Thompson Fiber Glass, H. I.
REFRIGIFILTER - Hankinson Corp.
REFVOLT - Consolidated Controls Corp.
REGATRAN - Electronic Measurements Co., Inc.
REGATRON - Electronic Measurements Co., Inc.
REGENCY - I.D.E.A. Inc.
REGENTUBE - Regent Tube & Gab Co.
REGOHM - Electric Regulator Corp.
REGOHM - Nichols, Ltd., R. H.
REGULAR - National Specialties Co.
REGULINEAR - Continental Electronics Mfg. Co.
REGUMATIC - CBC Electronics Co.
REJAFIX - Popper & Sons, Inc.
REK-TANG - Ludlow Saylor Wire Cloth Co.
REKRD KAIRKIT - Waber Electronics Inc.
REKRD LUBE - Waber Electronics Inc.
REKRD SLEKTR - Waber Electronics, Inc.
REKRD SPRAY - Waber Electronics Inc.
RELIABLE - Corrugated Paper Products
RELIANCAP - General Instrument Corp.
RELIANT - Radio Engineering Labs., Inc.
RELIAVOLT - Power Instruments Corp.
RELOID - Guardian Electric Mfg. Co.
RELOK - Lehigh Metal Products Co.
REMBRANDT - Burke & James, Inc.
REMCON - Pyramid Instrument Corp.
REMI - U. S. Components, Inc.
REMINGTON RAND - Sperry Gyroscope Co.
REMOTROL - Midwest Electric Prod.
REMSELAIRE - Remsel Industries Inc.
RENEWATRON - Bussmann Mfg. Div.
REPAIRACK - JFD Electronics Corp.
REPEATER - Kemlite Laboratories Inc.
REPICON - General Products Corp.
REPORTER - Soundscriber Corp.
REPROTRACE - Post Co., Frederick
RESERVISOR - Teleregister Corp.
RESIMENE - Monsanto Chemical Co.
RESIN-FIVE - Kester Solder Co.
RESINITE - Precision Paper Tube Co.
RESINOX - Monsanto Chemical Co.
RESIST-ETCH - Selrex Corp.
RESIST-O-STAT - General Resistance, Inc.
RESISTALOY - Bourns, Inc.
RESISTEG - International Resistance Co.
RESISTICON - Erie Resistor Corp.
RESISTRIM - Bourns Inc.
RESISTRIP - Selrex Corp.
RESOCAP - Onandaga Electronics Div.
RESTRICTOR - North Electric Co.
RETRO-LAR - Precision Paper Tube Co.
REV-LOK - Formsprag Co.
REVALON - Revere Copper & Brass
REVMASTER - Opad Electric Co.
REVODED - International Resistance Co.
REX - William Brand-Rex Div.
REX - Crucible Steel Co. of America
REX - Trimm, Inc.
REX-FLEX - Flexonics Corp.
REX-TUBE - Flexonics Corp.
REX-WELD - Flexonics Corp.
REXO - Burke & James, Inc.
REXOLITE - William Brand-Rex Div.
REZSEAL - Sprague Electric Co.
RHINO-HIDE - Pacific Electricord Co.
RHODEX - Sel-Rex Corp.
RHODIUM SULPHATE TP - Technic Inc.
RHOMIZED - Rho Engineering Co.
RI-CAP - Radio Industries, Inc.
RI-LON - Radio Industries, Inc.
RI-TRAN - Radio Industries, Inc.
RIBBON HEAT AREONAUTICAL - Cox & Co., Inc.
RIBFLEX - Ward Leonard Electric Co.
RIBOHM - Ward Leonard Electric Co.
RICHMOND - Lowell Mfg. Co.
RIFA - Presin Co.
RIGID "800" - Prodelin, Inc.
RIGIDAMP - Barry Controls Div. Barry Wright Corp.
RIGIMESH - Pall Corp.
RIMGUARD - General American Transportation.
RING BALANCE - Hagan Chemicals & Controls.
RING DING - Delevan Electronics Corp.
RING-JET - Stokes Corp., F.J.
RINSITE - Oakite Products, Inc.
RESISTRON - Bourns, Inc.
RITEOHM - Ohmite Mfg. Co.
RIV-O-SEAL - Parker Seal Co.
R/M - Raybestos-Manhattan, Inc.
R.M.C. DISCAPS - Radio Materials Co.
RMS - Radio Merchandise Sales, Inc.
ROBERTSHAW - Fulton Sylphon Div. Robertshaw Fulton Controls
ROBOT - Miller Harris Instrument Co.
ROBOTEC - Power Designs, Inc.
ROBOTEMP - Ulanet Co., George
ROBOTESTER - Lavoie Laboratories, Inc.
ROBOTROL - Reliance Automatic Lighting Co.
ROCKET - JFD Electronics Corp.
ROCKLOID - Standard-Toch Chemicals, Inc.
RODAR - Driver Co., Wilbur B.
ROGISTOR - Kokusai Elec. Co. Ltd.
ROKIDE - Norton Co.
ROL-PAK - Waldeg Kohinoor, Inc.
ROLENE - Rome Cable Div. of Alcoa
ROLLPIN - Elastic Stop Nut Corp.
ROLON - Rome Cable Div. of Alcoa
ROME - Aluminum Co. of America
ROMEX - General Cable Corp.
RONETTE - CBS Electronics Div.
ROOTS - Roots-Connersville Blower
ROSCO - Rosenberg Bros.
ROSITE - Rostone Corp.
ROTAGRAM - Kay Electric Co.
ROTAGRAPH - Kay Electric Co.
ROTALYZER - Kay Electric Co.
ROTO JET - Electric Regulator Corp.
ROTO LOCK - Simmons Fastener Corp.
ROTO-LOCK - Jack & Heintz
ROTO-MARKER - Acromark Co.
ROTO MITE - Guardian Electric Mfg. Co.
ROTO-MOLD - Linear Inc.
ROTO-TELLITE - Master Specialties Co.
ROTO-TORK - Haydon Co., A.W.
ROTOCON - Rototest Labs. Inc.
ROTOFOLD - Reflectone Electronics Inc.
ROTOGALV - Elomag Sprl
ROTOMATIC - E.F. Johnson Co.
ROTOR QUEEN - Radio Merchandise Sales, Inc.
ROTORAC - Airborne Accessories Corp.
ROTORACE - Sperry Gyroscope Co.
ROTOROID - Burnell & Co. Inc.
ROTOSIL - Allegheny Ludlum Steel Corp
ROTOSIL - Engelhard Industries, Inc.
ROTOSWITCH - Micro Switch
ROWEX - Rowe Engravers, Inc.
ROYAL BLUE - Permaflux Products Co.
ROYALITIC - Industrial Condenser Corp.
ROYLYN - Airaterra
RPC - Resistance Products Co.
RPM - ACDC Electronics, Inc.
RRL - University Loudspeakers, Inc.
R-STACK - Consolidated Resistance Spec. Co.
R/TRAN - Astro Sytems, Inc.
RS - Switchcraft, Inc.
RUBAL - Ruby Chemical Co.
RUBBON - All-State Welding Alloys Co., Inc.
RUBRGLAS - A. P. M., Corp.
RUBYFLUID - Ruby Chemical Co.
RULAN - E. IL duPont de Nemours & Co. Inc.
RULON - Dixon Corp.
RURALINE - Plastic Wire & Cable Corp.
RUST-BAN - Esso Standard, Div. of Humble Oil & Refining Co.
RUST MAGIC - Krylon, Inc.
RUST RELEASE - Krylon, Inc.
RUSTRAK - Rust Industrial Co.
RUSTRIPPER - Oakite Products Inc.
RUT - Minatron Corp.
RUTILCON - Taiyo Yuden Co. Ltd.
RW-300 - TRW Computers Co. Div. Thompson, Ramo Wooldridge Inc.
RX - Superex Electronics Corp.
RX - Instru-Lec Corp.
RX METER - Boonton Radio Corp.
RY-ALLOY - Ryerson & Son, Inc., J. T.
RYANAV - Ryan Electronics Div., Ryan Aeronautical Co.
RYCOM - Railway Communications, Inc.
RYCROME - Ryerson & Son, Inc., J. T.
RYCUT - Ryerson & Son, Inc., J. T.
RYEPHON - Rye Sound Corp.
RYERTEX - Ryerson & Son, Inc., J. T.
RYETAPE - Rye Sound Corp.
RYETRAN - Rye Sound Corp.

S. AL - Tru Ohm Prods. Div.
S.C.E. - Hunt Co., Philip A.
S-E-A-S - Sonograf Electric Co.
S.L. - Mallinckrodt Chemical Works.
SA FUSE - Electric Machinery Mfg. Co.
SABRE - Antenna Designs Inc.
SABREX - Navan Products, Inc.
SADIC - Consolidated Electrodynamics Corp.
SADT - Philco Corp.
SAES - Getters Electronics Inc.
SAF-T-CUT - Bay State Abrasive Products Co.
SAF-T-SOL - Fidelity Chemical Prods. Corp.
SAFE-T-CLIP - Industrial Devices, Inc.
SAFELET - Heinemann Electric Co.
SAFETY-VALVE - Bussmann Mfg. Div.
SAFETYGEL - Isochem Resins Co.
SAFLEX-TM - Engelhard Industries, Inc.
SAL-MET - L.M.B.
SALI - Adalet Mfg. Co.
SALLY - TA Mfg. Corp.
SALOX - Allegheny Plastics, Inc.
SAMICA - Minnesota Mining & Mfg. Co.
SAMIS - Simmonds Precision Prods. Inc.
SAN-I-SAFE - Ellisco, Inc.
SANSTRESS - Sanford Plastics Corp.
SANSTRESS - Bonny Mfg. Corp.
SANTOFOME - Monsanto Chemical Co.
SARAH - Simmonds Aerocessories, Inc.
SARONG - Sylvania Electric Prods. Inc.
SAT - Philco Corp.
SAT-O-LITE - Midwest Foam Prods. Co.
SATELLITE-HELIX - JFD Electronics Corp.
SATELLITE - Soundscriber Corp.
SATOR - Wells, Co., Inc. Gary
SATUROL - Oakite Products Inc.
SAUCER - Rotron Mfg. Co., Inc.
SAVBIT - Multicore Sales Corp.
SAWTOOTH BELLEVILLE - Garret Co., Inc. Geo. K.
SBT - Philco Corp.
SCAMP - Neff Instrument Corp.
SCANAGRAPH - Television Utilities Corp.
SCANOSCOPE - Grimson Color, Inc.
SCATTERBLAST - Narda Ultrasonics Corp.
SCHJELBOND - Schjeldahl Co., G. T.
SCHUYLERNIT - Schuyler Mfg. Corp.
SCINTILLATOR B - Pilot Chemicals Inc.
SCINTILLATOR - Precision Radiation Instr. Inc.
SCOPE DOLLY - P.B.R. Mfg. Co.
SCOPEMASTER - X-Ray Products Corp.
SCOTCH - Minnesota Mining & Mfg. Co.
SCOTCHCAST - Minnesota Mining & Mfg. Co.
SCOTCHTITE - Minnesota Mining & Mfg. Co.
SCOTTIE - Remler Co.
SCREW-LOCK - Heli-Coil Corp.
SCREWSTICK - American Screw Co.
SCRIPTCAL - C & H Supply Co.
SCRIPTITE - Monsanto Chemical Co.
SCRULUG - Bundy Corp.
SCS - Farrelloy Corp.
SEA-DEEP - Multi-Products Co.
SEA-RAD - Multi-Products Co.
SEA SLAVE - Sturrup Inc.
SEAFAX - Times Facsimile Corp.
SEAFAX - Westrex Corp.
SEAL - Philadelphia Quartz Co.
SEAL-OFF - Taylor - Winfield Corp.
SEAL VAC - Ultek Corp.
SEALBRITE - London Chemical Co.
SEALCAP - J.F.D. Electronics Corp.
SEALECTOBOARD - Sealectro Corp.
SEALINE - Aeronautical Electronics, Inc.
SEALINK - Burndy Corp.
SEALMET - Allegheny Ludlum Steel Corp.
SEALNUT - Radio Frequency Labs. Inc.
SEBIT - Rixon Electronics, Inc.
SECTOR - Jensen Mfg. Co.
SEE-THRU - Krengel Mfg. Co., Inc.
SEELBOLTS - A. P. M. Corp.
SEELRIVITS - A.P.M. Corp.
SEELSKREWS - A. P. M. Corp.
SEEZAK - Rimak, Inc.

SEL-LOK – Standard Pressed Steel Co.
SELBESTOS – Sel-Rex Corp.
SELECT-O-MATIC – Feiler Engrg. & Mfg.
SELECTA – University Loudspeakers, Inc
SELECTACON – Tape Cable Corp.
SELECTENNA – Channel Master Co.
SELECTOPHON – Audio-Master Corp.
SELECTREZ – International Resistance Co.
SELECTRON – Marlane Devel. Co.
SELEKTA – Associated America Winding Machy., Inc
SELENIBRAKE – American Rectifier Corp.
SELENIDRIVE – American Rectifier Corp.
SELENIFIER – American Rectifier Corp.
SELENIVAC – American Rectifier Corp.
SELETRON – Radio Receptor Co. Inc.
SELF-CHECKING – Sensitive Research Instrument Corp.
SELF-LOK-K – Airborn Connectors, Inc.
SELF-STIK – Plastronics, Inc.
SELKAR – Sprague Electric Co.
SELMOR – Hinde & Dauch Div. of West Va. Pulp & Paper Co.
SEMCOR – U.S. Semiconductor Products, Inc.
SEMI-NETS – Sperry Semiconductor Div. Sperry Rand Corp.
SEMICAP – International Rectifier Corp.
SEMIHEAT – Semicon, Inc.
SEMILITE – Semicon, Inc.
SENIOR – Linemaster Switch Corp.
SENSI-PHONE – Daystrom, Inc.
SENSI-TORK – Filtors, Inc.
SENSISTOR – Texas Instruments Incorporated
SENSITROL – Daystrom, Inc.
SENSOMATIC – Weldotron Corp.
SENSORY – P. A. Sturtevant Co.
SENTERCEL – Standard Telephones & Cables, Ltd.
SENTERCET – Standard Telephones & Cables, Ltd.
SENTINEL III – Optomechanisms, Inc.
SENTRI SEAL – New Departure Div., GMC
SEPALINE – Burke & James Inc.
SERIES 6000 – Terado Co.
SERIESEL – Electronic Devices Inc.
SERIPTCALS – C & H Supply Co.
SERRASOID – Radio Engineering Labs., Inc.
SERTOMAT – Hill Machine Co.
SERVATRON – Servodyne Corp.
SERVICE SAVERS – JFD Electronics Corp.
SERVICESPOOL – Alpha Wire Corp.
SERVOCONTROL – Oilgear Co.
SERVOFLIGHT – Servo Corp. of America
SERVOLAB – Servo Corp. of America
SERVOMAG – Magnetic Research Corp.
SERVOSCOPE – Servo Corp. of America
SERVOSPEED – Electro-Devices Inc.
SERVOTRON – Servodyne Corp.
SEWNAR – Ultrasonic Industries Inc.
SF-JAX – Switchcraft, Inc.
SHAFTROL – Jordan Controls, Inc.
SHAKESPEARE WONDEROD – Columbia Products Co.
SHAMCO – Shamban – Co., W. S.
SHARPIE – Fedtro Inc.
SHAWMETER – Shaw Instrument Co.
SHELLVEST – Precision Metalsmiths, Inc.
SHOCK BILT – Corrugated Paper Products
SHORTY – JFD Electronics Corp.
SHOWMAN – Channel Master Co.
SHRINK-FIT – Dielectric Materials Co.
SHRINK-TITE – Dielectric Materials Co.
SHUR-CODE – Westline Products Div. of Western Lithograph Co.
SHUVEE – Entron, Inc.
SIAMESE – Bradley Semiconductor Corp.
SICON – Midland Industrial Finishes Corp.
SIE-MARC – Southwestern Ind. Electronics Co.
SIECO – Electronics Development Inc.
SIERRA-LITE – Sierra Electric Corp.
SIERRA TRIPLEX – Sierra Electric Corp.
SIERRA-WARE – Sierra Electric Corp.
SIERRAPLEX – Sierra Electric Corp.
SIFEMAG – Thomas & Skinner Inc.
SIFT-A-DOR – Alliance Mfg. Co.
SIGALARM – Wintronics
SIGHTMASTER – Flexo International Corp.
SIGMA – Linde Co. Div.
SIGMATRON – Intercontinental Dynamics Corp.
SIGMETTE – Linde Co. Div.
SIGNA-FLO – Buffalo Electronics Corp.
SIGNA-GLOW – Industrial Development Labs., Inc.
SIGNAL SENTRY – E.F. Johnson Co.
SIGNALMASTER – Goldak Co., Inc.
SIGNICO – Signal Indicator Corp.
SIL FLUX – United Wire & Supply Corp.
SIL-FOS – Handy & Harman
SIL-LUBE – Ed-Berl Products, Inc.
SIL RAP – Minnesota Rubber Co.
SIL-SPRAY – Jensen Industries Inc.
SIL-THIN-BESTOS – Electro-Tech. Prods. Div. Sun Chem. Corp.
SIL-THIN-GLAS – Electro-Tech. Prods. Div. Sun Chem. Corp.
SIL-VAR – Electro-Tech. Prods. Div. Sun Chem.
SILACLEAR – Engelhard Industries, Inc.
SILASTIC – Dow Corning Corp.
SILBOND – United Wire & Supply Corp.
SILCAD – Yardney Electric Corp.
SILCLOTH – Jensen Industries, Inc.
SILCO – Electro-Tech. Prods. Div. Sun Chem.
SILCOBEST – Silicone Insulation, Inc.
SILECTCOR – Allegheny Ludlum Steel Corp.
SILECTRON – Allegheny Ludlum Steel Corp.
SILENT SAM – Modern Mfg. Co.
SILENTBLOC – General Tire & Rubber Co.
SILERTEX – Erie Resistor Corp.
SILFARED – Metavac, Inc.
SILIC-O-NETIC – Heinemann Electric Co.
SILICOHM – Sage Electronics Corp.
SILICONTROL – Vectrol Engineering Inc.
SILICOTRIG – Bergen Laboratories Inc.
SILIKONE – Ed-Berl Products, Inc.
SILNIC – Chase Brass & Copper Co.
SILTUBE – All-State Welding Alloys Co., Inc.
SILVA-BRITE – Engelhard Industries, Inc.
SILVAFLEX – Plastic Wire & Cable Corp.
SILVALOY – Engelhard Industries, Inc.
SILVER KING – Arro Expansion Bolt Co.
SILVER-Q – Decimeter Prods. Co.
SILVER SCREEN 85 – Sylvania Electric Prods. Inc.
SILVER-WAND – Peerless Prods. Industries
SILVERAMA – Radio Corp. of America
SILVERCEL – Yardney Electric Corp.
SILVERFLEX – Suflex Corp.
SILVERTONE – Warwick Mfg. Corp.
SILVERWELD – Bourns, Inc.
SILVLEX-TM – Engelhard Industries, Inc.
SILVREX – Sel-Rex Corp.
SILWYND – Republic Foil Inc.
SIMORAMIC – Federal Scientific Corp.
SIMPLEX – Wenco Mfg. Co. (Simplex)
SIMPLYTROL – Assembly Products, Inc.
SINCLAIR – Phoenix Precision Instrument Co.
SINE-FASTENER – Kokusai Elec. Co. Ltd.
SINEVERTER – Power Sources, Inc.
SITCO – Jampro Antenna Co.
SITCO – Simplicity Tool Co.
6N2 – E.F. Johnson Co.
SKALIX – Navan Products, Inc.
SKINNY MARIE – Waber Electronics Inc.
SKINNY MAX – Waber Electronics Inc.
SKINNY MILTON – Waber Electronics Inc.
SKINNY MINNIE – Waber Electronics Inc.
SKL – Spencer-Kennedy Labs., Inc.
SKY-HI – Thomas Mold & Die Co.
SKY LOK – JFD Electronics Corp.
SKY STREAK – American Electric Cable Co.
SKY-TIE – Adalet Mfg. Co.
SKYBLAZER – Channel Master Corp.
SKYPLY – Skydyne, Inc.
SLEEPATRON – Gardiner Electronics.
SLENDYNE – Shure Brothers, Inc.
SLIKWYND – Republic Foil Inc.
SLIM-X – Shure Bros. Inc.
SLIMLINE – Aeronautical Electronics, Inc.
SLIMTRAN – Electronic Research Assoc, Inc.
SLIP-SYNC – Chadwick Helmuth Co.
SLO BLO – Littelfuse, Inc.
SLO-LAG – Eagle Electric Mfg. Co., Inc.
SLO-SYN – Superior Electric Co.
SLOBEL – Bel Fuse, Inc.
SLOFLEX-TM – Engelhard Industries, Inc.
SLYVER-CLAD – C & D Batteries, Div. The Electric Autolite Co.
SM SAFETY MARGIN – Astron Corp.
SMI – Sliding Mechanisms, Inc.
SMITH BALDWIN – Cinaudagraph, Inc.
SMITH-SWITCH – Chicago Telephone of Calif.
SMITTY – Hunter Tool Co.
SMOG-FREE – Radex Corp.
SMOOTHCOTE – All-State Welding Alloys Co.
SMT – Illinois Condenser Co.
SMTU – Illinois Condenser Co.
SNAP-O-MATIC – Instruments, Inc.
SNAP-O-TROL – Instruments, Inc.
SNAP-ON JACKET – Haydon Corp.
SNAP-PAK – Waldes Kohinoor, Inc.
SNAP-TITE – Centralab Electronics Div. of Globe Union Inc.
SNAPCON – H.M.H. Industries
SNAPLOC – Monadnock Mills Div. United Carr
SNAPPER – Curtiss-Wright Corp.
SNO-FLO – Wyle Labs.
SNORKEL – Radion Corp., The
SNOWCAP – Gudeman Co.
SOCKET SAVERS – Pomona Electronics Co., Inc.
SODALITE – Electric Autolite Co.
SODECO – Landis & Gyr, Inc.
SODERBOND – Magnet Wire Div. Essex Wire
SODEREX – Magnet Wire Div. Essex Wire
SODEREZE – Phelps Dodge Copper Products Corp.
SODERMASTER – Hexacon Electric Co.
SODERON – Magnet Wire Div. Essex Wire
SODS – Hake Products, Inc.
SOL-U-SALTS – Selrex Corp.
SOLA-JET – Temperature Engineering Corp.
SOLAGRID – Hoffman Electronics Corp.
SOLAR – Burke & James, Inc.
SOLAR SHINGLE – Hoffman Electronics Corp.
SOLARBROME – Burke & James, Inc.
SOLARMATIC – Burke & James, Inc.
SOLARSCOPE – Solartron, Inc.
SOLAVOLT – Sola Electric Co.
SOLDER-ETTE – Fedtro Inc.
SOLDER-MITE – Fedtro Inc.
SOLDERALL – Brach Mfg. Corp.
SOLDERBRITE – London Chemical Co.
SOLDERFORMS – Kester Solder Co.
SOLDERUX – Mico Instrument Co.
SOLER – Burke & James, Inc.
SOLID PACK – Solitron Devices Inc.
SOLIDCEL – North Hills Electric Co., Inc.
SOLOR – Burke & James, Inc.
SOLU BRIDGE – Industrial Instruments Inc.
SOLVAR – Rea Magnet Wire Co., Inc.
SOLVESSO – Esso Standard Div. Humble Oil & Refng. Co.
SONA-GRAPH – Kay Electric Co.
SONA-STRETCHER – Kay Electric Co.
SONA-SWEEP – Kay Electric Co.
SONAGRAM – Kay Electric Co.
SONALATOR – Kay Electric Co.
SONALYZER – Kay Electric Co.
SONATA – JFD Electronics Corp.
SONBLASTER – Narda Ultrasonics Corp.
SONCEBOZ – Societe Ind. de Sonceboz, S. A.
SONEX – Amplivox, Ltd.
SONIC – Panoramic Radio Products, Inc.
SONICLEAN – Detrex Chemical Industries, Inc.
SONICLEAN – Dawe Instruments, Ltd.
SONILINES – Computer Controls Co. Inc.
SONITANK – Acoustica Associates, Inc.
SONITE – Smooth-On Mfg. Co.
SONITIZER – Ultrasonic Industries, Inc.
SONIZON – Magnaflux Corp., Sub. General Mills
SONLINK – Mnemotron Corp.
SONO-DOME – Jensen Mfg. Co.
SONO-PROBE – Advanced Electronics, Inc.
SONODYNE – Shure Bros. Inc.
SONOGATE – Branson Instruments, Inc.
SONOGEN – Branson Instruments Inc.
SONOGRAM – Sonograf Electric Co.
SONOMAT – Sonograf Electric Co.
SONOMETER – Acoustica Associates, Inc.
SONORAMIC – Ferrodynamics Corp.
SONORAY – Branson Instruments, Inc.
SONOSOLDER – Sonobond Corp. Sub. Aeroprojects, Inc.
SONOSWITCH – Powertron Ultrasonics
SONOWELD – Sonobond Corp. Sub. Aeroprojects, Inc.
SOUND BARRIER – Ray-O-Vac Div.
SOUND SPOT – Electro-Voice, Inc.
SOUNDCRAFT LIFETIME – Reeves Soundcraft Corp.
SOUNDCRAFT PLUS-50 – Reeves Soundcraft Corp.
SOUNDCRAFT PLUS-100 – Reeves Soundcraft Corp.
SOUNDCRAFT MICROLAC – Reeves Soundcraft Corp.
SOUNDSPAN – Bogen-Presto Div.
SOUNVISTER – Solitron Devices, Inc.
SOUTHERN – National Lead Co.
SPACE AGE – Coors Porcelain Co.
SPACE COMMAND – Zenith Radio Corp.
SPACEMASTER – Universal Drafting Machine Corp.
SPACEMASTER – Bethlehem Fdry. & Mach. Co.
SPAGHETTI ATTACHER – Design Tool Co. Div.
SPEAKEASY – Chance Vought Aircraft Inc.
SPECIALMATIC – Specialties, Inc.
SPECROME – Spectranome Plating Co., Inc.
SPECTRA-CODER – Spectra-Strip Wire & Cable
SPECTRA-FLEX – Spectra-Strip Wire & Cable Corp.
SPECTRA-INK – Spectra-Strip Wire & Cable Corp.
SPECTRA-STRIPPER – Spectra-Strip Wire & Cable
SPECTRA-TEMP – Spectra-Strip Wire & Cable
SPECTRA-TWIST – Spectra-Strip Wire & Cable
SPECTRACOAT – Optics Technology Inc.
SPECTRALLOY – Spectranome Plating Co., Inc.
SPECTRALYZER – Kay Electric Co.
SPECTROLECTEUR – Intercontinental Electronics Corp.
SPECTROLINE SCANNER – Applied Research Laboratories Inc.
SPECTRON – Consolidated Electrodynamics Corp.
SPECTROSIL – Thermal American Fused Quartz Co., Inc.
SPEECH MASTER – Jensen Mfg. Co.
SPEED CLAMPS – Tinnerman Products, Inc.
SPEED CLIPS – Tinnerman Products, Inc.
SPEED GRIPS – Tinnerman Products, Inc.
SPEED MOUNT – Brach Mfg. Co.
SPEED NUTS – Tinnerman Products, Inc.
SPEED-O-FAX – Woodland Electronics Co.
SPEED-X – E.F. Johnson Co.
SPEEDCOAT – Micro-Circuits Co.
SPEEDCRAFT – Wire Stripper Co.
SPEEDFEED – Maico Electronics Inc.
SPEEDMINDER – Glaser-Steers Corp.
SPEEDOMAX – Leeds & Northrup Co.
SPEEDOMAX – Gordun Enterprises
SPEEDWEIGHT – Toledo Scale Div. Toledo Scale
SPEEDY-CAL – North Shore Nameplate.
SPEEDY-MARX – North Shore Nameplate.
SPETROQUALITY – Matheson, Coleman & Bell
SPEX – Sperry Gyroscope Co.
SPHERICON – University Loudspeakers, Inc.
SPICO – Spirling Products Co. Inc.
SPIN-PIN – Bruno – N.Y. Industries Corp.
SPINCASTING – Kennedy & Co., D. S.
SPINFORM – Antenna Systems, Inc.
SPIR-O-LINE – Prodelin, Inc.
SPIR-O-LOK – Prodelin, Inc.
SPIRACODE – Alphaduct Wire & Cable Co.
SPIRAFLEX – General Insulated Wire Works, Inc.
SPIRAL DRIVE – Arro Expansion Bolt Co.
SPIRAL-JECTOR – Fourjay Industries
SPIRAL SOUND – Fourjay Industries
SPIRAL-TENNA – Hi-Lo Mfg. Corp.
SPIRAL WRAP – Illumitronic Engineering
SPIRALLOY – Hercules Powder Co. Inc.
SPIRALPOT – Giannini Controls Corp.
SPIRAMEG – Sprague Electric Co.
SPIRASHIELD – Muter Co.
SPIROTALLIC – Johns-Manville.
SPLAC – Westline Products Div. of Western Lithograph Co.
SPOKESMAN – Winston Electronics
SPONGEX – Goodrich, B.F., Sponge Products Div.
SPOOLARC – All-State Welding Alloys Co.
SPORTAMATIC – Automatic Radio Mfg. Co.
SPORTSMAN – Ray-O-Vac Div.
SPOT CHECK – Pacific Transducer Corp.
SPOT-LITE – Line Electric Co. Div.
SPOT-O-GRAPH – Audio-Master Corp.
SPOT POT – Key Resistor Corp.
SPOTCHECK – Magnaflux Corp., Sub. General Mills
SPOTLAY – Engelhard Industries, Inc.
SPRAINT – Waldom Electronics Inc.
SPRING-FLO – Chase Brass & Copper Co.
SPRING LOCK – Simmons Fastener Corp.
SPRING-O-MATIC – Industrial Electrical Wks.
SPYRALINE – Rayline, Inc.
SQUARE OHMS – Workman TV Products, Inc.
SQUARE-OHM – Bradford Components Inc.
SQUARE TRIM – Daystrom, Inc.
SR-4 – Baldwin-Lima Hamilton Corp.
SRC – Standard Rectifier Corp.

SRC – British Radio Electronics, Ltd.
SRHS – Metal & Thermit Corp.
SS 120 – Warco Industries Inc.
STA – Fansteel Metallurgical Corp.
STA-CLEAR – Ludlow Saylor Wire Cloth Co.
STA-KON – Thomas & Betts Co., Inc.
STA-LOC – Mallory & Co. Inc., P.R.
STA-LOK – Aero Bolt & Screw Co.
STA-TRU – Ludlow Saylor Wire Cloth Co.
STABELEX – Industrial Condenser Corp.
STABIL-THERM – Blue M Electric Co.
STABILENE – Keuffel & Esser Co.
STABILINE – Superior Electric Co.
STABILOTRON – Raytheon Co.
STABLE-K – Mucon Corp.
STABLVOLT – Magnetic Research Corp.
STACK-KIT – Consolidated Resistance Co. of Amer. Inc.
STACKOHM – Sprague Electric Co.
STACO – Standrad Electrical Prods. Co.
STAFCALS – Stafford Mfg. Co., Inc.
STALEY – Electric Switch Corp.
STALEY – Bernco Engineering Corp.
STALO – Lab. for Electronics, Inc.
STAN-MARK-INKS – Standard-Toch Chemicals, Inc.
STANCOR – Chicago Standard Transformer Corp.
STAND-O – Parker Metal Goods, Co.
STAND-OHM – Bradford Components, Inc.
STANDARD – New York Solder Co.
STANDARD – Hull Corp.
STANDARD-TM – Engelhard Industries, Inc.
STANDCO – Sticht Co., Inc., Herman.
STANDLAC – Standard-Toch Chemicals, Inc.
STANFOAM – Standard Plastics, Inc.
STANSCREW – Standard Set Screw Co.
STANTELAC – Standard Telephones & Cables, Ltd.
STANTOX – Standard-Toch Chemicals, Inc.
STANTRON – Wyco Metal Products
STAR-HELIX – JFD Electronics Corp.
STARBRITE – JFD Electronics Corp.
STARKIT – Stark Electronic Instr. Ltd.
STARLINE – Electro-Mechanical Instrument
STARLITE – Shure Bros. Inc.
STARLITE – Rimak Electronics, Inc.
STAT-O-SEAL – Parker Seal Co.
STAT-PACK – Magnetic Amplifiers Div.
STAT-TRAN – Pulse Engineering, Inc.
STATELUM – Standard Telephones & Cables, Ltd.
STATEX – Columbian Carbon Co.
STATIFLUX – Magnaflux Corp. Div. General Mills
STAVER – Hamilton Watch Co.
STAVOLT – Christie Electric Corp.
STC – Standard Telephones & Cables, Ltd.
STEACAP – General Instrument Corp.
STED-TAB – Steel Heddle Mfg. Co.
STEDI-TEMP – Electro-Flex Heat, Inc.
STEDIVOLT – Kelk, Ltd., George
STEELSET – Fish-Schurman Corp.
STELLITE – Haynes Stellite Corp.
STEMAG – Arnhold Ceramics, Inc.
STEMCO – Stevens Mfg. Co., Inc.
STENAFAX – Litton Industries
STENAFAX – Times Facsimile Corp.
STENOTAPE – American Geloso Electronics, Inc.
STEP-TROL – Control Corp.
STEP-UP – Jensen Mfg. Co.
STEPPER – Land Air, Inc.
STERE-O-MATIC – V - M Corp.
STEREO DIRECTOR – Jensen Mfg. Co.
STEREO-LOOP – Fedtro Inc.
STEREO LP LEVEL – Fedtro Inc.
STEREODOT – Stephens Trusonic, Inc.
STEREODYNE – Dynaco, Inc.
STEREOFONES – Permoflux Products Co.
STEREOMASTER – Scott, Inc., H. H.
STEREOMAT – Benson-Lehner Corp.
STEREOMATIC – Waber Electronics Inc.
STEREOSOUND – Rye Sound Corp.
STEREOTABLE – Pickering & Co., Inc.
STERIEO – Erie Resistor Corp.
STERILSHIELD – Barker Co., Inc.
STERIO-PLEX – JFD Electronics Corp.
STETHEO – Fedtro Inc.
STETHETRON – Maico Electronics, Inc.
STETHOSOUND – Rye Sound Corp.
STEVENS – Levpold - Stevens Instrs. Inc.
STIBNALON – Green Rectifier Co.
STICK GLASS – Electro-Tech. Prods. Div. Sun Chem. Corp.
STICKVAR – Electro-Tech. Prods. Div. Sun Chem.
STIKON – Rdf Corp.
STONCLAD – Stonhard Co., Inc.
STONLAST – Stonhard Co., Inc.
STONPACH – Stonhard Co., Inc.
STOR-A-TAPE – Concertapes, Inc.
STORATRON – Du Mont Labs., Inc., Allen B.
STRAINALYZER – Electronic Tube Corp.
STRAINISTOR – Century Electronics & Instruments
STRAINRITE – Star Porcelain Co.
STRAPLOCK – Whitso, Inc.
STRAT-O-LITE – Strat-O-Seal Mfg. Co.
STRATFORD – Telequip Radio Co.
STRATO-TOWERS – Spaulding Products Co.
STREAMLINER – Ozalid Div. Gen. Amiline & Film
STRIP-EASE – Radix Wire Co.
STRIP-O-SEAL – Parker Seal Co.
STRIPMASTER – Ideal Industries, Inc.
STRIPOHM – Ward Leonard Electric Co.
STRIPPIT – Wales Strippit, Inc.
STROBE SELECTOR – Rheem Califone Corp.
STROBEACON – Kemlite Laboratories, Inc.
STROBEMAT – CBC Electronics Co.
STROBEX – Chadwick Helmuth Co.
STROBLASH – Dawe Instruments, Ltd.
STROBO-SYNC – Winkler Laboratories.
STROBOCONN – Conn. Ltd., C. G.
STROBOFLOOD – Dawe Instruments, Ltd.
STROBOLUX – General Radio Co.
STROBOMINOR – Dawe Instruments, Ltd.
STROBONAR – Heiland Div. Minneapolis-Honeywell
STROBOTAC – General Radio Co.
STROBOTORCH – Dawe Instruments, Ltd.
STROBOTUNER – Conn. Ltd., C. G.
STUDER – Electronic Applications, Inc.
STUR-D-LACE – Guderbrod Bros. Silk Co., Inc.
STYCAST – Emerson & Cuming, Inc.
STYMER – Monsanto Chemical Co.
STYRACON – Sprague Electric Co.
STYROFLEX – Natvar Corp.
STYROFOAM – Dow Chemical Co.
STYRON – Dow Chemical Co.
SU – Simmonds Aerocessories, Inc.
SU-PR-CIRCUITS – Cleveland Metal Specialties
SUB-SUBOUNCER – United Transformer Corp.
SUBMINAX – RF Products Div.
SUBOUNCER – United Transformer Corp.
SUBURBAN – Radion Corp., The
SUFFOLK – Munston Electronic Mfg. Corp.
SUNSWITCH – Ripley Co., Inc.
SUPAMOLD – Telegraph Condenser Co. Ltd.
SUPER-BECKAMINE – Reichhold Chemicals, Inc.
SUPER BRIGHTENERS – Workman TV Products, Inc.
SUPER CEPTOR – Winegard Co.
SUPER CON – Computer Instruments Corp.
SUPERCON – Superior Electric Co.
SUPER CORDURA – E. I. duPont de Nemours & Co. Inc.
SUPER DAVOHM – Daven Co.
SUPER DYLAN – Koppers Co. Inc.
SUPER-EAR – Rye Sound Corp.
SUPER-FAN – Channel Master Co.
SUPER FLEXTRON – Mystik Adhesive Products, Inc.
SUPER-HELIX – JFD Electronics Corp.
SUPER-INDUSTRIAL – National Specialties Co.
SUPER K – Mucon Corp.
SUPER KATY – Kay Towns Antenna Co.
SUPER-LAG – Bussmann Mfg. Div.
SUPER REAR GUARD – Kay Towns Antenna Co.
SUPER-TOUGH – Ray-O-Vac Div.
SUPER-TROL – Control Corp.
SUPER-TROL – Nichols, Ltd., R. H.
SUPERCAP – United Electronic Mfg., Corp.
SUPEREX – Johns-Manville
SUPERGRIP – Forsberg Mfg. Co.
SUPERLUX – Engelhard Industries, Inc.
SUPERMALLOY – Arnold Engineering Co.
SUPERMENDUR – Arnold Engineering Co.
SUPERSEAL – Carstedt Research, Inc.
SUPERSHEATH – General Cable Corp.
SUPERSIL – Carstedt Research, Inc.
SUPERSONIC – Dzus Fastener Co., Inc.
SUPERSYN – Bekey Electric Div., Genisco, Inc.
SUPERTENNA – Tennalab.
SUPERTESTER – Cal. Tech. Ind. Div. Textron Inc.
SUPERTITE – Engelhard Industries, Inc.
SUPRAMESH – Pall Corp.
SUPRAMICA – Mycalex Corp. of America.
SUPREME – Oxford Electric Corp.
SUPRO – Valco Mfg. Co.
SURCO – Surprenant Mfg. Co.
SURCO-RAD – Surprenant Mfg. Co.
SURE BRAZE – Dalweld Co., Inc.
SURE FLUX – New York Solder Co.
SURFACOUNT – Control Devices Inc.
SURFAMAX – Pall Corp.
SURFLEX – Surprenant Mfg. Co.
SURFLOW – Surprenant Mfg. Co.
SURGELITE – Kemlite Labs. Inc.
SURGISTOR – Wuerth Tube-Saver Corp.
SURGISTOR – Workman TV Products, Inc.
SURGITRON – Hollywood Television Co.
SWAMI – Singer-Bridgeport div Singer Mfg. Co.
SWAPTOPS – Leitch-Huard Corp.
SWEEP-SYNC – Chadwick Helmuth Co.
SWING BIN – AKRO-Mils, Inc.
SWING BLADE – Carpenter Mfg. Co. Inc.
SWING-FLEX – Burndy Corp.
SWITCHLITE – Control Switch Div., Controls Co., of Amer.
SWITCHPAK – Licon Div. Illinois Tool Works
SWITCHWAY – Waber Electronics, Inc.
SWIVLTOP – Moody Machine Products Co., Inc.
SWTL – Surface Combustion, Inc.
SY BONDEZE – Phelps Dodge Copper Products
SYLGRID – Sylvania Electric Prods. Inc.
SYLKYD – Dow Corning Corp.
SYLPHON – Fulton Sylphon Div. Robertshaw Fulton Controls
SYLVALOY – Driver Co., Wilbur B.
SYMBLTAK – Chart-Pak, Inc.
SYMBOSTAMP – Griffin Co., John
SYMMETRA-PEAK – Kahn Research Labs Inc.
SYNASCAN – B & K Mfg. Co.
SYNCAP – Wesco Electrical Co., Inc.
SYNCHRO-TUNER – Cavitron Electron Oscillator Div. Short Wave Plastic Forming Co.
SYNCHRO-VALVE – Bristol Co.
SYNCHRON – Hansen Mfg. Co., Inc.
SYNCLAMPS – Timber - Top, Inc.
SYNCRAMENTAL – Ledex, Inc.
SYNCRO-SNAP – Torq Engineered Products, Inc.
SYNCROLL – Fairchild Recording Equip. Corp.
SYNCROVERTER – Bristol Co.
SYNCTRON – Electro Powerpacs, Inc.
SYNDUCTION – Alliance Mfg. Co.
SYNKOTE – Plastoid Corp.
SYNPROTEX – Torq Engineered Products, Inc.
SYNTHAMICA – Mycalex Corp. of America.
SYNTHE-SEAL – Marlin-Rockwell Corp.
SYNTHINOL – Rome Cable, Div. of Alcoa
SYNTHOGRAPHIC – Synthane Corp.
SYNTOX-6 – Jensen Mfg. Co.
SYSTCOMS – International Systcoms Ltd.
SYSTEMAT – Waterman Products Inc.

T-42 – Decker Corp.
T-BAR – Electronic Controls, Inc.
T-BIRD – Technical Appliance Corp.
T-BLOC – Computer Control Co. Inc.
T.D.S. – Tokyo Denki Seiki Co. Ltd.
T-JAX – Switchcraft, Inc.
TINYMAX – Torwico Electronics, Inc.
T-PAC – Computer Control Co. Inc.
T-POWER – Motorola Communications & Electronics, Inc.
T-S-I – Tri-Point Plastics, Inc.
T-SWITCH – Switchcraft, Inc.
TA'POT – Howell Instruments Co.
TABTROL – GPL Div. General Precision, Inc.
TACH-PAK – Airpax Electronics, Inc.
TACKMASTER – Rubber & Asbestos Corp.
TACO – Technical Appliance Corp.
TADANAC – Consolidated Mng. & Smltg. Can-Ltd.
TAM – National Lead Co.
TAN-O-MITE – Ohmite Mfg. Co.
TAN-TI-CAP – Texas Instruments Incorporated
TANATHERM – Trans - Sonics, Inc.
TANTACON – Erie Resistor Corp.
TANTALEX - Sprague Electric Co.
TANTUMCAP – General Instrument Corp.
TAP-LOK – Groov-Pin Corp.
TAPE-ARD – California Tech. Ind. Div. Textron
TAPE-O-MATIC – V - M Corp.
TAPERSTROBE – Scott Instrument Labs., Inc.
TAPEX – Hallamore Electronics Co.
TAPITS – Parker Kalon
TAPPEE – Saxton Products, Inc.
TARGEN – S & A Electronics, Inc.
TARGET – Polaris Engineering Corp.
TARRYTRON – Cook Electric Co.
TASCON – TRW Computers Div. Thompson Ramo Wooldridge
TASKMASTER – Optomechanisms, Inc.
TAXI-PHONE – Aeronautical Electronics, Inc.
TAYLORITE – Taylor Fibre Co.
TAYLORON – Taylor Fibre Co.
TCI – U. S. Steel Corp.
TEC-LITE – Transistor Electronics Corp.
TEC-RING – Tanner Engrg. Co.
TECHNILOG – University Loudspeakers, Inc.
TECHNOCHEMIE – Hirschmann Co. Inc., Carl
TECKNIT – Technical Wire Products, Inc.
TECKSTRIP – Technical Wire Products, Inc.
TEECO – Trutone Electronics Inc.
TEFIFON – Audio-Master Corp.
TEFLON – E. I. du Pont de Nemours & Co., Inc.
TEK-TITLES – University Loudspeakers, Inc.
TEKMOLD – Bemis Bro. Bag Co.
TEKNI LABELS – ECM Corp.
TEL-A-COR – Magnetic Core Corp.
TEL-A-PIPES – Westline Prods. Div. Western Lithograph Co.
TEL LABS – Telvision Labs. Inc.
TEL-OHMIKE – Sprague Electric Co.
TEL-TRU – E. Vernon, Hill & Co.
TELA-EAR – Telex Inc.
TELE-DATEX – Sonex, Inc.
TELE-FI – Telex Inc.
TELE-FLEX – Telerad Mfg. Corp.
TELE-FORM – Telerad Mfg. Corp.
TELE GUIDE – Telerad Mfg. Corp.
TELE-MERC – Vapor Heating Corp.
TELE-SET – Telex Inc.
TELE-STRIP – Dialight Corp.
TELE-TRAN – Dage Television Div.
TELE-TWIST – Telerad Mfg. Corp.
TELECAP – Sprague Electric Co.
TELECHECK – I.H. Mfg. Co.
TELECHRON – General Electric Co.
TELECOM – Webster Electric Co.
TELECORDEX – Telecomputing Corp.
TELECTRO – Telectrosonic Corp.
TELECTROVISION – Telectro Industries Corp.
TELEDELTOS – Western Union Telegraph Co.
TELEDUCER – Edcliff Instruments
TELEFAX – Western Union Telegraph Co.
TELEFILE – Teleregister Corp.
TELEFUNKEN – American Elite Inc.
TELEGLAS – Pittsburgh Plate Glass Co.
TELEMATIC – I.H. Mfg. Co.
TELEMET – Allegheny Ludlum Steel Corp.
TELEMINIFILTER – United Transformer Corp.
TELEPAK – Telecomputing Corp.
TELEPATH – Canadian Avia. Electronics, Ltd.
TELEPOXY – Telecomputing Corp.
TELEQUOTE – Telecomputing Corp.
TELEREADER – Telecomputing Corp.
TELESOLV – Telecomputing Corp.
TELESYN – Ford Instrument Co. Div.
TELETALK – Webster Electric Co.
TELETHIN – Telex Inc.
TELETRON – Winegard Co.
TELETRONICS – Edgerton, Germeshausen & Grier
TELETRONICS – Telautograph Corp.
TELETWIN – JFD Electronics Corp.
TELETWIN – Telex Inc.
TELEVAC – Fredericks Co.
TELEVER – Switchcraft, Inc.
TELEVOLT – Sola Electric Co.
TELEVOLTER – Jackson Electrical Instrument Co.
TELL-A-LOT – Fanon Electronic Ind.
TELLERTRON – Stone Labs. Inc.
TELLITE – Master Specialties Co.
TELNIC – Chase Brass & Copper Co.
TEMCO – Thermo Electric Mfg. Co.
TEMCOR – Tempel Steel Co.
TEMFLEX – Minnesota Mining & Mfg. Co.
TEMP-A-JUST – Conrad-Carson Electronics, Inc.
TEMP-ALARM – Tempil Corp.
TEMP-COP – Micro Switch

TEMP-COTE - Omtronics Mfg. Inc.
TEMP GUARD - Franklin Dales Co.
TEMP-LACE - Gudebrod Bros. Silk Co., Inc.
TEMP-OHM - Omtronics Mfg. Inc.
TEMP-R-TAPE - Connecticut Hard Rubber Co.
TEMP-TERMS - ETC Incorporated
TEMP-TROL - Omtronics Mfg. Inc.
TEMPBRAID - Hitemp Wires Co. Div. Simplex Wire & Cable Co.
TEMPCAL - B & H Instrument Co.
TEMPCLAD - Hitemp Wires Co. Div. Simplex Wire & Cable Co.
TEMPCOR - Temperature Engineering Corp.
TEMPEREX - Sel-Rex Corp.
TEMPILAQ - Tempil Corp.
TEMPILPAPER - Tempil Corp.
TEMPILSTICKS - Tempil Corp.
TEMPLEX - Minnesota Mining & Mfg. Co.
TEMPO - Clear Beam Antenna Co.
TEMPRENE - Hitemp Wires Co. Div. Simplex Wire & Cable Co.
TEMPREX - Hitemp Wires Co. Div. Simplex Wire & Cable Co.
TEMPRITE - Hitemp Wires Co. Div. Simplex
TEMPROOF - Lord Mfg. Co.
TEMPRUF - Chatillon & Sons, John.
TEN-FI - McGregor Electronic Inds.
TEN-FOUR - Shure Brothers, Inc.
TENARAL - Rollan Electric Co.
TENELON - U. S. Steel Corp.
TENN-A-LINER - Channel Master Co.
TENNA-PAK - JFD Electroncis Corp.
TENNA ROTOR - Alliance Mfg. Co.
TENNA-TUBE - Javex Electronics.
TENNAKIT - Tennalab
TENNEYMITE - Tenney Engineering, Inc.
TENNEYZPHERE - Tenney Engineering, Inc.
TENS-50 - Navar Products, Inc.
TENSITE - Driver Co., Wilbur B.
TENSOLEX - Tensolite Insulated Wire Co.
TENSOLON - Tensolite Insulated Wire Co.
TENZ-NUTS - Eaton Mfg. Co.
TERAGLAS - Natvar Corp.
TERESSO - Esso Standard, Div. of Humble Oil & Refining Co.
TERMALINE - Bird Electronic Corp.
TERMEND - Buchanan Electrical Prods Corp.
TESCO - Eastern Specialty Co.
TESLAR - E. I. du Pont de Nemours & Co., Inc.
TEST-AMATIC - Develop-Amatic Engrg.
TEST LEAD CADDY - Air-O-Tronics Engrg. Co.
TEST MASTER - Precision Apparatus Co., Inc.
TEST-O-MATIC - Shell Electronics Mfg. Corp.
TESTOLITE - Brach Mfg. Corp.
TESTOMETER - United Mfg. Co. Div. Maxson Electronics Corp.
TET-STEEL - Kressilk Products Inc.
TETCO - Electric Tachometer Corp.
TETCO SILK - Kressilk Products Inc.
TETRA-ETCH - W. L. Gore & Assoc., Inc.
TETRAK - Telecomputing Corp.
TETROC - Sprague Electric Co.
TEX-CAP - Texas Capacitor Co. Div. of K-C-K
TEXAN A - Electron Corp.
TEXFOAM - Goodrich, B.F., Sponge Products
TEXIN - Mobay Chemical Co.
TEXLITE - Goodrich, B.F., Sponge Products Div.
TEXTOLITE - General Electric Co.
TGS-250 - Radix Wire Co.
THE HOUSE OF RESISTORS - Clarostat Mfg. Co.
THER-MONIC - Induction Heating Corp.
THERLO - Driver-Harris Co.
THERM-CAPACITOR - Interelectronics Corp.
THERM-O-TRON - Trinol Products Ltd.
THERM-O-VISOR - Hagan Chemicals & Controls Inc.
THERMA-CAL - North Shore Nameplate.
THERMA-MARK - North Shore Nameplate.
THERMA-NODE - Kay Electric Co.
THERMAC - Research, Inc.
THERMAL-INDICATOR - Minco Products, Inc.
THERMAL-RIBBON - Minco Products, Inc.
THERMALEX - Magnet Wire Div. Essex Wire
THERMALEX-F - Magnet Wire Div. Essex Wire
THERMALEZE - Phelps Dodge Copper Products
THERMALINE - International Radiant Corp.
THERMALINE - Line Electric Co.
THERMASSAGE - Fedtro Inc.
THERMATOOL - New Rochelle Thermatool
THERMAX - General Cable Corp.
THERMAZIP - Zippertubing Co.
THERMEK - Heatron Co.
THERMELEC - Erie Resistor Corp.
THERMESTER-L - Hitemp Wires Co. Div. Simplex Wire & Cable Co.
THERMEX - Girdler Process Equip. Div.
THERMICA - Electronic Mechanics, Inc.
THERMINDEX - Tempil Corp.
THERMION - Rescon Electronics Corp.
THERMISTEMP - Yellow Springs Instrument Co.,
THERMITEM - Royco Instruments Inc.
THERMO-CABLE - Thermo Electric Co.
THERMO-FORGED - Holo-Krome Screw Corp.
THERMO-GRIP - Ideal Industries, Inc.
THERMO METER - Henry Francis Parks Lab.
THERMO-PROBE - Kennedy Co.
THERMO-STRIP - Ideal Industries, Inc.
THERMO-TIP - Ideal Industries, Inc.
THERMOCAP - Niagara Electron Labs.
THERMOCHRON - Curtiss-Wright Corp.
THERMODOT - Radiation Electronics Co.
THERMOFIT - Rayclad Tube Inc.
THERMOFLEX - Cavitron Electron Oscillator Div. Short Wave Plastic Forming Co.
THERMOFOIL - Minco Products, Inc.
THERMOGUIDE - Taylor Instrument Cos.
THERMOHM - Leeds & Northup Co.
THERMOKARAT - Sel-Rex Corp.
THERMOLAG - Emerson Electric & Mfg. Co.
THERMOLAIN - Star Porcelain Co.
THERMOLASTIC - Cox & Co., Inc.
THERMOLYNE - Thermo Electric Mfg. Co.
THERMOMATIC - Beckman Instruments, Inc.
THERMOMETAL-TM - Engelhard Industries, Inc.
THERMOPAN - Radiation Electronics Co.
THERMOPATCH - Cox & Co., Inc.
THERMOSTATIC-BRAIN - Wall Mfg. Co., P.
THERMOSTRIP - Driver-Harris Co.
THERMOSWITCH - Fenwal Incorporated.
THERMOVERTER - Bristol Co.
THERMOWIRE - Cox & Co., Inc.
THERMYSTAL - James Knights Co.
THEVEL - Avien, Inc.
THIN-SHELL - Kaydon Engineering Corp.
THIN STRIP - Somers Brass Co. Inc.
THINFLEX - Mystik Adhesive Products, Inc.
THINPLATES - Park Nameplate Co., Inc.
THOR - Elomag Sprl.
3C-PAC - Computer Control Co. Inc.
3M - Minnesota Mining & Mfg. Co.
3-MARK - Chase Brass & Copper Co.
THREE-PHASE - Sciaky Bros., Inc.
3-PI - Fedtro Inc.
THRIF-T-BOND - Chester Cable Corp.
THRIFTY - Marathon Battery Co.
THRU-PASS - Sprague Electric Co.
THRULINE - Bird Electronic Corp.
THRUSTORQUE - Hagen Chemicals & Controls,
THUNDERBIRD - Telrex Labs.
THUNDERBOLT - E.F. Johnson Co.
THYRA-LINE - Data-Master Corp.
THYRA-PULSE - Data-Master Corp.
THYRACONTROL - Vectrol Engrg. Inc.
THYRASTAT - Thermocal Div.
THYRITE - General Electric Co.
THYRODE - International Rectifier Corp.
TI-CO - Thomas Instrument Co.
TICO - Tektron Instrument Co.
TIFFINY - Pearce-Simpson, Inc.
TIGER - American Steel & Wire Div.
TIME ALL - International Register Co.
TIME-O-LITE - Industrial Timer Corp.
TIMEFAX - Times Facsimile Corp.
TIMEMARK - Westrex Corp.
TIMESFAX - Litton Industries
TIMET - National Lead Co.
TIMOFLEX - Eagle Signal Co. Div.
TINETRIM - Bourns, Inc.
TINI-EXTENSION JAX - Switchcraft, Inc.
TINI-JAX - Switchcraft, Inc.
TINI-PLUGS - Switchcraft, Inc.
TINOL - American Solder & Flux Co.
TINY-GLOW - Industrial Devices, Inc.
TINYLITE - Drake Mfg. Co.
TINYMAG - Torwico Electronics, Inc.
TINYMITE - Renbrandt Inc.
TINYSEAL - Torwico Electronics, Inc.
TISSU-TEX - Wilson Rubber Co. Div.
TISSUGLAS - Amflex Products Dept. American Machine and Foundry Co.
TISSUQUARTZ - Amflex Products Dept. AMF
TITAN 200 - Minnesota Mining & Mfg. Co.
TM - Control Corp.
TM - General RF Fittings, Inc.
TM-16 - Nichols, Ltd. R.H.
TNT - Mastra Co.
TOBIN BRONZE - Anaconda Amer. Brass Co.
TOCCO - Ohio Crankshaft Co.
TOLEX - General Tire & Rubber Co.
TOM THUMB - Automatic Radio Mfg. Co., Inc.
TONE LINK - Warren Mfg. Co., Inc.
TONEPAK - Lee Electric Co.
TONG TEST - Columbia Electric Mfg. Co.
TONOTRON - Hughes Aircraft.
TOP HAT - Litton Industries
TOP HAT - Times Facsimile Corp.
TOP HATTER - Channel Master Corp.
TOPHEL - Driver Co., Wilbur B.
TOPHET A - Driver Co., Wilbur B.
TOPHET C - Driver Co., Wilbur B.
TOPHET D - Driver Co., Wilbur B.
TOPLINER - Technical Appliance Corp.
TOR-A-COR - Magnetic Core Corp.
TORBAL - Torsion Balance Co.
TORI - Tower Construction Co.
TORNADO - Stokes Corp., F. J.
TOROIDUCTOR - Forbes & Wagner, Inc.
TORQ-SET - American Screw Co.
TORQ TV TENNA - Snyder Mfg Co.
TORQOMETER - Snap-On Tools Co.
TORQUETROL - Clark Controller Co.
TORRIVENT - Trane Co.
TOSON - Powertron Ultrasonics
TOTELITE - Parker Metal Goods Co.
TOROPHRAM - Kinemotive Corp.
TOUCH-A-MATIC - Eagle Electric Mfg. Co., Inc.
TOUGH-GUY-WIRE - Fen-Tone Corp.
TOURO-STROB - Mayer & Co., K. G.
TR - Industro Transistor Corp.
TRACEMASTER - Universal Drafting Machine Corp.
TRACERMATIC - Tracerlab, Inc.
TRADES MASTER - Modern Mfg. Co. Inc.
TRAFFICORDER - Nortronics Co., Inc.
TRAFFITROL - Heiland Div. Minn. Honeywell Reg. Co.
TRAFFLEX - Crouse-Hinds Co.
TRAFICOUNTERS - Streeter-Amet Co.
TRAILER TENNA - Clear Beam Antenna Corp.
TRAJECTOR - Trans-Sonics Inc.
TRAK - CGS Labs. Inc.
TRAMP - Ten Bosch, Inc., M.
TRAN-COR - Armco Steel Corp.
TRANOLSEAL - Johns-Manville.
TRANQUALIZER - Telecomputing Corp.
TRANS-BOX - Vlchek Tool Co.
TRANS-CITER - Multi-Products Co.
TRANS IT HEET - Cryo-Therm, Inc.
TRANS-LITE - Plasteck, Inc.
TRANS-LYTICS - Fedtro Inc.
TRANS-O-LIMIT - Westinghouse Electric Corp.
TRANS-O-NETIC - Heinemann Electric Co.
TRANS-OCEANIC - Zenith Radio Corp.
TRANSAC - Philco Corp., G & I
TRANSAIRE - Taylor Instrument Cos.
TRANSAIRE - Bud Radio, Inc.
TRANSALYZER - Kay Electric Co.
TRANSCOPE - Taylor Instrument Cos.
TRANSET - Taylor Instrument Cos.
TRANSFEROBOT - USI Robodyne
TRANSFERON - Ozalid Div. Gen. Aniline & Film Corp.
TRANSFILTER - Clevite Electronic Components Div. Clevite Corp.
TRANSFLEX - Minnesota Mining & Mfg. Co.
TRANSFLYWEIGHT - Amplifier Corp. of America
TRANSHEAT - BTU Engineering Corp.
TRANSI-LYTIC - Sprague Electric Co.
TRANSI-MAG - Magnetic Amplifiers Div.
TRANSICOM - Du Mont Labs., Inc., Allen B.
TRANSIDYNE - Spectrol Electronics Corp.
TRANSIFIER - Kay Electric Co.
TRANSIMULATOR - Sprague Electric Co.
TRANSIPADS - Milton Ross Co.
TRANSIPLY - Kay Electric Co.
TRANSIPOT - Instrol Inc.
TRANSIPROBE - Kay Electric Co.
TRANSISCALER - Elomag Sprl.
TRANSISTAR - Mallinckrodt Chemical Works.
TRANSIT HEET - Standard Plastics Inc.
TRANSITROL - Dynamic Controls Co.
TRANSITRON - Van Norman Industries
TRANSLAMP - Electronic Research Assoc. Inc.
TRANSLAPOT - Bourns, Inc.
TRANSLUCTANCE - Remler Co.
TRANSLYTIC - General Instrument Corp.
TRANSMAGNEMITE - Amplifier Corp. of America
TRANSPAC - Electronic Research Assoc. Inc.
TRANSTAC - Performance Measurements Co.
TRANSTAT - Standard Electronics Div. of Reeves Inst. Corp.
TRANSUPPLY - Rixon Electronics, Inc.
TRANSVAR - Sperry Microwave Electronics Co.
TRAPPER - Technical Appliance Corp.
TRAVELER - Soundscriber Corp.
TRAVIS-TAPAK - Broadcast Eqpt. Specialties Corp.
TRAZITE - Oakite Products Inc.
TREADLITE - Linemaster Switch Corp.
TREASURE CHEST - Jensen Mfg. Co.
TRELCO - Transitron Electronic Corp.
TRENTWELD - Trent Tube Co.
TRENTWELD - Crucible Steel Co. of America
TREPACETTE - Trepac Corp. of America
TREVLITE - Control Switch Div., Controls Co., of Amer.
TRI-AMP - Radio Receptor Co. Inc.
TRI-BAND - Telrex Labs.
TRI-BEAM - Western Coil & Elec. Co.
TRI-ETTE - Jensen Mfg. Co.
TRI-FLUX - Redmond Co., Inc.
TRI-LOK - Boots Aircraft Nut Corp.
TRI-PHASE - Taylor - Winfield Corp.
TRI-PLATE - Sanders Associates Inc.
TRI-PLEX - Jensen Mfg. Co.
TRI-SEALED - International Rectifier Corp.
TRI-WING - American Screw Co.
TRIAX - Jensen Mfg. Co.
TRIAXIAL - Jensen Mfg. Co.
TRICARB - Leeds & Northrup Co.
TRICE - Packard-Bell Computer Corp.
TRICLENE - E. I. du Pont de Nemours & Co., Inc.
TRIG - Rostan Corp.
TRIG-R-HEAT - Wall Mfg. Co., P.
TRIGA - General Cetronic Div. Gen. Dynamics Corp.
TRIGISTOR - Solid State Products, Inc.
TRIM-LINE - Slater Electric Inc.
TRIM R - Bourns, Inc.
TRIM-TITE - Fairchild Controls Corp.
TRIMENSIONAL - University Loudspeakers, Inc.
TRIMISTOR - Bourns, Inc.
TRIMIT - Bourns Inc.
TRIMM - Bourns Inc.
TRIMODE - Electronic Processes Corp.
TRIMPOT, TRIMPOT JR. - Bourns Inc.
TRIMQUATE - Subminiature Instruments Corp.
TRINISTOR - Westinghouse Elec. Corp.
TRINSEEL - Tri-Point Plastics Inc.
TRIPHANE - Pall Corp.
TRIPLE "A" - Acromark Co.
TRIPLE-C - Pro-Chem Inc.
TRIPLOC - Pyle-National Co.
TRISTAO - Tri Ex Tower Corp.
TRIUNITRON - Caritron Electron Oscillator Co. Div.
TRIXIE - Burroughs Corp.
TROJAN - Hexacon Electric Co.
TROL-AID - Chemtronics Inc.
TROLEX - Chicago Telephone of Calif.
TRON - Bussmann Mfg. Div.
TRONA - Amer. Potash & Chem Co.
TRONIC - Flotron Industries, Inc.
TRONOMAT - Pintsch Bamag A.G.
TRONSCOPE - Bendix Corp.
TROPICAP - General Instrument Corp.
TROUBLE TRAPPER - Fedtro Inc.
TRU-FLEX - Peerless Photo Products, Inc.
TRU-LOK - Waltham Precision Instr. Co.
TRU-MATCH - Quam-Nichols Co.
TRU-OHM - Model Engrg. & Mfg. Corp.
TRU-SONIC - Stephens Trusonic Inc.
TRU-STAT - Peerless Photo Products, Inc.
TRU-TOUCH - Wilson Rubber Co. Div.
TRUARC - Waldes Kohinoor, Inc.
TRUE STEREO - Permoflux Products Co.

TRULEX – Zoomar, Inc.
TRULINE – Bird Electronic Corp.
TRUON – Berg Mfg. Corp.
TRURIB – Tru-Ohm Products Div., Model Engineering & Mfg., Inc.
TRUVOX – Fen Tone Corp.
TRYLAB – Trygon Electronics Inc.
TRYLON – Wind Turbine Co.
TRYPACK – Trygon Electronics, Inc.
TSA – Tenney Engineering, Inc.
TT LINE – ARRA Corp.
TU-WAY – Parker Metal Goods, Co.
TUBE CADDY – Argos Products Co., Inc.
TUBE GUARD – Workman TV Products, Inc.
TUBE-IN-STRIP – Revere Copper & Brass
TUBE MASTER – Precision Apparatus Co., Inc.
TUBE-R-CAP – Centralab Electronics Div. of Globe Union Inc.
TUF-PLATE – Photocircuits Corp.
TUF-RACK – Escotronics
TUF-TEST – Gudebrod Bros. Silk Co. Inc.
TUFF TITE – Towsend Co.
TUFF TUBE – Lamtex Industries Inc.
TUK-A-TENNA – JFD Electronics Corp.
TUN-O-LUBE – Chemtronics Inc.
TURBO – Wm. Brand – Rex Div.
TURBO 117 – Wm. Brand – Rex Div.
TURBO TUFFLEX – Wm. Brand – Rex Div.
TURBOGLAS – Wm. Brand – Rex Div.
TURBOLENE – Wm. Brand – Rex Div.
TURBOLEX – Wm. Brand – Rex Div.
TURBOSIL – Wm. Brand – Rex Div.
TURBOTEMP – Wm. Brand – Rex Div.
TURBOTHERM – Wm. Brand – Rex Div.
TURBOTRANS – Wm. Brand – Rex Div.
TURBOTUF – Wm. Brand – Rex Div.
TURBOZONE – Wm. Brand – Rex Div.
TURN-RACK – Escotronics
TURNER TORCH – Turner Corp.
TURNLIGHT – Leclanche S. A.
TURNQUATE – Subminiature Instruments Corp.
TURO-STROB – Mayer & Co. K. G.
TURRET HEAD – Fairchild Recording Eqpt. Corp.
TUTORETTE – Audiotronics Corp.
TUTORTEX – Western Designs Div. U. S. Industries, Inc.
TV-DUETTE – Jensen Mfg. Co.
TV LABS – Telvision Labs. Inc.
TV LIFE SAVER – Wuerth Tube-Saver Corp.
TW – Channel Master Co.
25-1 – Bendix Aviation Corp.
TWILIGHT – Winegard Co.
TWIN-COM – Bogen-Presto Div.
TWIN-DRIVE – Electronic Controls, Inc.
TWIN LEVER – Shure Bros. Inc.
TWIN-PHONE – Bogen Presto Div.
TWIN R – Bourns, Inc.
TWIN-RACK – Escotronics
TWINCONE – Carpenter Mfg. Co.
TWINFILM – Sprague Electric Co.
TWINKIT – Jensen Mfg. Co.
TWINLITE – Control Switch Div., Controls Co., of Amer.
TWINPOT – Bourns Inc.
TWINSET – Telex Inc.
TWIST-LOK – Sprague Electric Co.
TWIST MOUNT – Pyramid Electric Co.
TWIST-TITE – Harvey Hubbell, Inc.
TWISTAGUIDE – Airtron Div. of Litton Industries
TWISTAGUIDE – Litton Industries
TWISTLOCK – Harvey Hubbell, Inc.
2003 – General Mills, Inc.
2K – Sterling Transformer Corp.
2K SERIES – Sterling Transformer Corp.
TY-RAP – Thomas & Betts Co., Inc.
TYCAR – Vellumoid Co.
TYMETER – Pennwood Numechron Co.
TYNEE DRY – Pyramid Electric Co.
TYNISWITCH – American-Standard Controls Div.
TYPOTRON – Hughes Aircraft

U-LINE – Illumitronic Engineering
U MESA – Texas Instruments, Inc.
U. S. SEMCOR – U. S. Semiconductor Prods. Div. United Industrial Corp.
U S SYNCROGEAR – U. S. Elec. Motors Inc.
U. S. VARIDRIVE – U. S. Elec. Motors Inc.
U. S. VARIDYNE – U. S. Elec. Motors Inc.
U. S. VARITROL – U. S. Elec. Motors Inc.
UACTE – Pacific Automation Prods. Inc.
UBAGRIP – UBS Chemical Corp.
UBATOL – UBS Chemical Co.
UCILON – Metal & Thermit Corp.
UHP – Alpha Metals, Inc.
ULTE VAC – Ultek Corp.
ULTRA-COMPACT – United Transformer Corp.
ULTRA-KAP – Centralab Electronics Div. of Globe Union Inc.
ULTRA-LOOP – JFD Electronics Corp.
ULTRA MET – Cannon-Muskegon Corp.
ULTRA-MIN-ELEC – Argonne Electronics Mfg. Corp.
ULTRA-MIN – Polyphase Instrument Co.
ULTRA-PIX – Kay Electric Co.
ULTRA-SEAL – Linear Inc.
ULTRA-SWEEP – Kay Electric Co.
ULTRA-TEMP – Blue M Electric Co.
ULTRA-VISCOSON – Bendix Corp
ULTRAFORM – Kinemotive Corp.
ULTRAFORMER – Kay Electric Co.
ULTRALINEAR – Brush Instruments Div. of Clevite Corp.
ULTRAMICROWAVE – DeMornay-Bonardi.
ULTRASCALER – Nuclear Chicago Corporation
ULTRASIL – Engelhard Industries, Inc.
ULTRASONIC – Bendix Aviation Corp.
ULTRATUBE – Plastoid Corp.
ULTRAVERTER – Blonder-Tongue Laboratories,
ULTRIMMER – Ultronix, Inc.
ULTROHM – Ultronix, Inc.
ULTRON – Monsanto Chemical Co.
UMC – Illinois Condenser Co.
UMP – Illinois Condenser Co.
UMS – Illinois Condenser Co.
UNADCO – United Mfg. Co. Div., Maxson Electronics Corp.
UNALLOY – U.N. Alloy Steel Corp.
UNAX – Jensen Mfg. Co.
UNBRAKO – Standard Pressed Steel Co.
UNDARK – U. S. Radium Corp.
UNECAP – United Electronic Mfg., Corp.
UNEX – Nichols & Clark, Inc.
UNI-CAST – Redmond Co., Inc.
UNI-CORE – Alpha Metals, Inc.
UNI DRIVE – Utah Electronics Corp.
UNI-MATIC – Apeco Amer. Photocopy Equip Co.
UNI-POL – Geoscience Instruments Corp.
UNI-RON – Shure Bros. Inc.
UNI-TUNNEL – Hoffman Electronics Corp.
UNI-WIND – Bridgeport Insulated Wire Co.
UNIBLAST – Narda Ultrasonics Corp.
UNICALL – Aeronautical Electronics, Inc.
UNICHROME – Metal & Thermit Corp.
UNICOMP – Stone Labs. Inc.
UNIDYNE – Shure Brothers, Inc.
UNILETS – Appleton Electronics Inc.
UNILEVEL – Reflectone Electronics Inc.
UNILINE – Cascade Research Div.
UNILITE – Control Switch Div., Controls Co., of Amer.
UNIMAG – Bekey Electric Div., Genisco, Inc.
UNIMATE – Consolidated Controls Corp.
UNIMESH – Bishop & Co., J.
UNIMODE – MB Electronics
UNIPAK – Sprague Electric Co.
UNIPCO – United Products Co.
UNIPOISE – Pickering & Co., Inc.
UNIPOLE – Andrew Corp.
UNIRING – Burndy Corp.
UNISEAL – Johns-Manville.
UNISEAL – Aero Bolt & Screw Co.
UNISOLVENT – Chemtronics Inc.
UNISON – Bendix Corp.
UNISORB – Felters Co.
UNISORB LEVEL-RITE – Felters Co.
UNISTAC – International Rectifier Corp.
UNISTORALL – Wright Line Div.
UNISTRENGTH – Aluminum Co. of America
UNISTRUC – Skydyne, Inc.
UNIT-IZED – Setchell Carlson, Inc.
UNITRACE – Aluminum Co. of America
UNITRANE – Trane Co.
UNITRAY – Wright Line Div.
UNIVAC – Sperry Gyroscope Co.
UNIVERSAL – Shielding, Inc.
UNIVERSAL – K-W Engineering Works.
UNIVERSAL – Mueller Electric Co.
UNIVERSAL – Shamban & Co., W. S.
UNIVERSAL DYNAMICS – Acoustica Associates Inc.
UNIVERTER – Boonton Radio Corp.
UNIVOLT – Esso Standard, Div. of Humble Oil & Refining Co.
UOX – Brush Beryllium Co.
URANOSCOPE – Elomag Sprl.
URELENE – Furane Plastics Inc.
USC – U. S. Components, Inc.
USE – U. S. Electronics Corp.
USECO – U. S. Engineering Co.
USG – U. S. Graphite Co., Div. of The Wickes Corp.
USITE – Barium & Chemicals Inc.
USS – U. S. Steel Corp.
UT 58 – Uniform Tubes
UTC – United Transformer Corp.
UTF – Amflex Products Dept. American Machine and Foundry Co.
UTILATOR – Kay Electric Co.
UTILIMOUNT – Diamond Electronics Div.
UTILISCOPE – Diamond Electronics Div.
UTILITUBE – Aluminum Co. of America
UTILIVUE – Diamond Electronics Div.
UTR – Advanced Technology Labs.

V – Vitramon, Inc.
V-70 VECTOR – Par Products Corp.
V-700 – Essex Wire Corp.
V. D. – Ryerson & Son, Inc., J. T.
V-DOT – Inertia Switch, Inc.
VAC-CAD – Anadite, Inc.
VAC-EVAP – Bendix Corp.
VAC-U-THERM – Temperature Engrg. Corp.
VACU-MASTER – Hayes, Inc., C. I.
VACUMET HYMU – Carpenter Steel Co.
VAGABOND – International Research Assoc.
VAL – Tru Ohm Prods. Div.
VAL 90 – Valverde Labs.
VALENCE UNIT – Pioneer Industries, Div. of Almar-York Co., Inc.
VALIANT – E.F. Johnson Co.
VALULINE – International Radiant Corp.
VALVETROL – Jordon Controls, Inc.
VAMISTOR – Daystrom, Inc.
VAMP – ARRA Corp.
VAN de GRAAFF – High Voltage Engineering Corp.
VANTRON – Van Norman Industries
VAP – United Aircraft Products, Inc.
VAP-AIR – Vapor Heating Corp.
VAPO FILMTEX – Frederick Post Co.
VAPO TUF-TEX – Frederick Post Co.
VAPO-VEL – Frederick Post Co.
VAPOR MASTER – Crouse-Hinds Co.
VAPOR-TEMP – Blue M Electric Co.
VARI-CHOKE – Superex Electronics Corp.
VARI-FLEX – Hamner Electronics Co., Inc.
VARI-HENRY – Magnetic Specialties, Inc.
VARI-LOOPSTICK – Superex Electronics Corp.
VARI-MARKER – Kay Electric Co.
VARI-POWERLITE – Med-Tronics Mfg. Co.
VARI-SWEEP – Kay Electric Co.
VARI-VOX – Kay Electric Co.
VARIA-VERTER – Victory Electronics Inc.
VARIA-VOLT – Victory Electronics, Inc.
VARIAC – General Radio Co.
VARIANT – Victory Electronics, Inc.
VARICAPS – Pacific Semiconductors, Inc.
VARICELL – Superior Electric Co.
VARICHRON – Biophysical Electronics
VARICON – Elco Corp.
VARIDUCTOR – United Transformer Corp.
VARIGRIP – Grinnell Harris Electronics Inc.
VARILINE – Columbia Technical Corp.
VARILOCK – Elco Corp.
VARIMATCH – United Transformer Corp.
VARIOGON – Nilsen Mfg. Co.
VARIOHM – Ketay Dept., Norden Div., United Aircraft Corp.
VARIPAK – Elco Corp.
VARIPHASE – Dawe Instruments, Ltd.
VARIPLOTTER – Electronic Associates Inc.
VARIPULSE – Barry Controls, Div. Barry Wright Corp.
VARITAR – Par Products Corp.
VARITRAN – United Transformer Corp.
VARITRON – Beattie-Coleman, Inc.
VARITWIN-PIN – Elco Corp.
VARMAT – New Jersey Wood Finishing Co.
VAROMETER – Micrometrical Mfg. Co.
VARSIL – New Jersey Wood Finishing Co.
VARSLOT – New Jersey Wood Finishing Co.
VARSOL – Esso Standard, Div. of Humble Oil & Refining Co.
VARTEX – New Jersey Wood Finishing Co.
VARY IT – Workman TV Products, Inc.
VARY-PAK – Sel-Rex Corp.
VASCO – Vacuum Specialties Co. Inc.
VEBESTOS – Vellumoid Co., Sub W. R. Grace Co.
VECO – Victory Engineering Corp.
VECTORLYZER – Ad-Yu Electronics Labs Inc.
VEE-BEAM – JFD Electronics Corp.
VEE DX – LaPointe Industries, Inc.
VEECO – Vacuum-Electronics Corp.
VEETUBE – Vacuum Electronics Corp.
VEGA ELECTRONICS – Calvideo Tube Corp.
VEGA-MIKE – Vacuum Electronics Corp.
VEGA-MIKE – Vega Electronics Corp.
VEGATROL – Vega Electronics Corp.
VELBESTOS – Vellumoid Co. Sub. W. R. Grace Co.
VELBUNA – Vellumoid Co., Sub W. R. Grace Co.
VELCO – Virginia Electronics Co., Inc.
VELCOREX – Vellumoid Co., Sub W. R. Grace Co.
VELLUTEX – Vellumoid Co., Sub W.R. Grace Co.
VELOCITRON – Polorad Electronics Corp.
VENTICOOL – Electronic Devices, Inc.
VENTISEL – Electronic Devices, Inc.
VENTRAK – Western Devices, Inc.
VENTRIFLAT – Electronic Devices, Inc.
VENUS – JFD Electronics Corp.
VERIFAX – Eastman Kodak Co.
VERIFLEX-TM – Engelhard Industries, Inc.
VERILOCAP – Spectra-Strip Wire & Cable Corp.
VERITELL – West Instrument Corp.
VERNI DIAL – Howell Instruments Co.
VERNISTAT – Perkin Elmer Corp.
VERNISTOP – Vernistat Div.
VERNITEL – Hoover Electronics Co.
VERNITESTOR – Vernistat Div.
VERSAKRIMP – ETC Incorporated
VERSALOG – Frederick Post Co.
VERSATAPE – Autonetics
VERSATROL – Assembly Products, Inc.
VERSILUBE – General Electric Co.
VERTAR – Par Products Corp.
VERTI-LYTIC – Sprague Electric Co.
VERTI OHM – Tru-Ohm Products Div., Model Engineering & Mfg., Inc.
VERTOGOR – Goerz American Optical Co. C.P.
VERTOSCOPE – Goerz American Optical Co. C. P.
VERTUOSO – Beltone Hearing Aid Co.
VI-CON – Birnbach Radio Co. Inc.
VI TITE – Penn-Union Electric Corp.
VIBRA MOUNT – American Felt Co.
VIBRA-SORBERS – Flexonics Corp.
VIBRA-TINE – Gyrex Corp.
VIBRACHOPPER – Solid State Electronics Co.
VIBRACORK – Korfund Co. Inc.
VIBRAKRIMP – ETC Incorporated
VIBRALYZER – Kay Electric Co.
VIBRAPOWR – James Electronics Inc.
VIBRAPROBE – Miller Co., L. C.
VIBRATINE – Gyrex Corp.
VIBRO – Korfund Co. Inc.
VIBRO-DANGER – Korfund Co. Inc.
VIBRO-ISOLATOR – Korfund Co.
VIBRODAMPER – Korfund Co., Inc.
VIBRODE – Beckman Instruments, Inc.
VIBROGROUND – Associated Research, Inc.
VIBRON – Stitch Co., Inc., Herman H.
VIBROSSAGE – Fedtro Inc.
VIBROTEST – Associated Research, Inc.
VICAL – Par Products Corp.
VICI – National Lead Co.
VICO – Video Industries
VICON – American Microwave & TV Corp.
VIDALIGNER – Kay Electric Co.
VIDEO TELEGAUGE – Grimson Color, Inc.
VIDEOPTICS – Burke & James, Inc.
VIDEOSONICS – Hughes Aircraft Co.
VIDEOSTIGMAT – Burke & James, Inc.

VIDEOTAPE – Ampex Data Products Corp.
VIDEX - ITT Labs.
VIDI GAGE - Branson Instruments, Inc.
VIGA – Pioneer Industries Div. of Almar-York Co.,
VIGOR - Jadow Inc., B.
VIKING – E.F. Johnson Co.
VIKING – Jensen Mfg. Co.
VIKING – Forsberg Mfg. Co.
VINAPEX – Apex Coated Fabrics Co.
VINPAK – Protective Coatings Corp.
VINYGLAS - Suflex Corp.
VINYLITE – Union Carbide Corp.
VISARC - Air Products, Inc.
VISCASIN - General Electric Co.
VISCOFILM – Industrial Condenser Corp.
VISCOR - Daystrom Inc.
VISICORDER - Heiland Div. Minn. Honeywell Reg. Co.
VISIGAUGE - Dawe Instruments, Ltd.
VISION-EAR – Nichols & Clark, Inc.
VISOTON – Biophysical Electronics Inc.
VISTEX – American Felt Co.
VISULARM - Crouse Hinds Co
VITABILITZ – Elomag Sprl.
VITAFON - Elomag Sprl
VITAMIN Q – Sprague Electric Co.
VITATON - Elomag Sprl
VITEL – Goodyear Tire and Rubber Co.
VITON – E. I. du Pont de Nemours & Co., Inc.
VITREOSIL – Thermal American Fused Quartz Co.
VITROHM – Ward Leonard Electric Co.
VITROLAIN - Star Porcelain Co.
VIZ – Molded Insulation Co.
VK – Vitramon, Inc.
VMS - Chadwick-Helmuth Co.
VOCATRON - Bristol Motor Div. Vocaline Co. Amer.
VOGADS – Westrex Corp.
VOICE OF THE THEATRE - Altec Lansing Corp.
VOICEPLEX – Kahn Research Labs Inc.
VOLAN - E. I. duPont de Nemours & Co. Inc.
VOLDICON – Adage, Inc.
VOLSEAL – Johns-Manville.
VOLSTAT - Advance Components, Ltd.
VOLT-OHMATIC – Bergen Laboratories, Inc.
VOLTAIR - Victory Electronics Inc.
VOLTBOX – Superior Electric Co.
VOLTER - Electro-Physics Co.
VOLTITE – Litton Industries
VOLTMASTER – Pioneer Gen-E-Motor Co.
VOLTOHMYST – Radio Corp. of America
VOLTSWITCH - Filtors, Inc.
VOLUMETRIC - Lyncoach & Truck Co.
VOMATIC - B & K Mfg. Co.
VOR PON - Vorac Co.
VORLINER - Vorac Co.
VOXETTE – Amplivox Ltd.
VOYCALL – Lake Manufacturing Co.
VP-10 – Vibrasonics, Inc.
VS-10 – Vibrasonics, Inc.
VS-15 – Vibrasonics, Inc.
VS-64A – Millivac Instruments
VT - Ohmite Mfg. Co.
VUE-TRONICS – Prescott Television Co.
VUEPAK – Monsanto Chemical Co.
VULCOID – Continental-Diamond Fibre Corp.
VULKENE - General Electric Co.
VULKOLLAN - Kressilk Products, Inc.
VY - Vitramon, Inc.
VYNA-KOTE – Spectra-Strip Wire & Cable Corp
VYNA-SHIELD - Spectra-Strip Wire & Cable Corp.

W-400 - Essex Wire Corp.
W-C – Weighing & Control Components, Inc
W-POINT - Parker Kalon
WAC TAC - WacLine, Inc.
WACO – Washington Aluminum Co. Inc.
WALCO – Clevite-Walco
WALL LINE - Trane Co.
WALLFIN - Trane Co.
WALLOY – Wall Mfg. Co., P.
WARRENEX - Warrenex
WARRENITE - Warren Wire Co.
WASSCO - American Electrical Heater
WATCHMASTER – American Time Products, Inc.
WATER DIP – Maas & Waldstein Co.
WATERWITE – Bache & Co., Semon.
WATSON – Burke & James, Inc.
WATTERSON – Davis & Co., J.W.
WAVE GUIDE SEALS - Parker Seal Co.
WAVEBOOSTER – Radio Merchandise Sales, Inc.
WAVEOMETER – Micrometrical Mfg. Co.
WEAREVER - Planoramics Inc.
WEATHERFAX - Westrex Corp.
WEATHERMAN – Bendix Aviation Corp.
WEATHERMASTER – Jensen Mfg. Co.
WEATHERVISION – Dage Television Div.
WEB WIP – Webster Mfg.
WEDGE-ON – Thomas & Betts Co., Inc.
WEDGE WIPE MARK II – Pacific Scientific Co.
WEDGELOCK - Automatic Metal Products Corp.
WEDGETITE - Crouse-Hinds Co.
WEDITROL - Wang Labs. Inc.
WEE-DUCTOR – Essex Electronics Div. of Nytronics, Inc.
WEE POT – Handley, Inc.
WEE SO – Handley, Inc.
WEE TRIM – Handley, Inc.
WEECOIL - Wells Electronics Co.
WEEPAK - Wells Electronics Co.
WEIGHTOGRAPH - Howe Scale Co.
WELD-CHEK – Pacific Transducer Corp.
WELD-IT – Taylor - Winfield Corp.
WELD-O-VAN - Champion Co.
WELD-PAK - Raytheon Co.
WELDON - Continental Electronics Mfg. Co.
WELDPOWER – Raytheon Co.
WELDRAWN – Superior Tube Co.
WELLCO - Wells Electronics Co.
WELTAX – Burke & James, Inc.
WELTI – Burke & James, Inc.
WELTINI – Burke & James, Inc.
WELTRONARC – Weltronic Co.
WELTUR – Burke & James, Inc.
WESCO - West Coast Electrical Mfg. Co.
WEST-CAP – San Fernando Electric Mfg. Co.
WESTACH – Westberg Mfg. Co.
WESTON - Daystrom, Inc.
WESTRAN – Western Transistor Corp.
WHALE – Forsberg Mfg. Co.
WHIPLOAD – E.F. Johnson Co.
WHIRL-AWAY – Fedtro Inc.
WHIRLCLAD - Polymer Corp.
WHISPERWATE - Otarion Listener Corp.
WHITE DOT - Etchomatic, Inc.
WHITE RAY – Burke & James, Inc.
WHITELEGG – Associated American Winding Machy., Inc.
WHITNEY-JENSEN - Whitney Metal Tool Co.
WHIZ-SAW – Forsberg Mfg. Co.
WIDCO - Mandrel Industries Inc.
WIDE ANGLI GOLDEN DAGOR – Goerz American Optical Co., C. P.
WIDE LATITUDE – Ferrodynamics Corp.
WIJET - Don-Lan Electronics Inc.
WILCO – Engelhard Industries, Inc.
WILL-GARD - Wilson Rubber Co. Div
WILLIAMSGRIP – Garrett Corp.
WILLSON – Ray-O-Vac Co.
WILLSONITE - Ray-O-Vac Div.
WINCO – Wincharger Corp.
WINDSOR – James International.
WING-STAY – Goodyear Tire and Rubber Co.
WINTRONIX – Winston Electronics
WIRE-NUT – Ideal Industries Inc.
WIRE-WRAP – Gardner-Denver Co.
WIREFAX - Western Union Telegraph Co.
WIREWATT - Ohmite Mfg. Co.
WISSH - Workman TV Products, Inc.
WOBBULATOR – Canoga Div., Underwood Corp.
WOLVERINE - Electro-Voice, Inc.
WONDERWAVE – Radio Merchandise Sales, Inc.
WOODWELDER – Cavitron Electron Oscillator Div. Short Wave Plastic Forming Co.
WRAP-A-WIRE - Malco Mfg. Co
WRAP-KING - Crompton & Knowles Pkg. Corp.
WW-400 - Warren Wire Co.
WW-800 - Warren Wire Co.

X-400 – Fedtro Inc.
X-TRAN - General Instrument Corp.
X-VAR – Fidelity Chemical Products Corp.
XELA – Klein & Sons., Mathias
XL - Essex Electronics Div. Nytronics
XLX - Excellex Electronics Inc.
XTRADUR – Hexacon Electric Co.
XY - Gen. Dynamics/Electronics

"Y" – Switchcraft, Inc.
YAGI-HELIX – JFD Electronics Corp.
YANKEE CORD - Plastic Wire & Cable Corp.
YARDMASTER – Reeves Instrument Corp.
YEC - Yutaka Electric Mfg. Co.
YELLOW JACKET – Sprague Electric Co.
YEW – Yokogawa Electric Works Inc.

Z-ANGLE - Technology Instr. Corp. of Amer.
Z-MET - Merck & Co.
Z-TRAC - Zippertubing Co.
ZECO – Zeus Engineering Co. Inc.
ZELCO – Zacharias Electronics Corp.
ZENARC - Vitro Corp.
ZENIAC – International Rectifier Corp.
ZERO-ONE - Reeves Instrument Corp.
ZERO READER - Sperry Gyroscope Co.
ZEROMATIC - Beckman Instruments, Inc.
ZEUS - Pesco Prods Div. Borg-Warner
ZIFOR – Collins Radio Co.
ZIN-O-LYTE - E. I. duPont de Nemours & Co. Inc.
ZINCGRIP - Armco Steel Corp.
ZINCGRIP PAINTGRIP - Armco Steel Corp.
ZIP – Vector Electronic Co.
ZIP – JFD Electronics Corp.
ZIP-KIT – JFD Electronics Corp.
ZIP-STRAP - Western Coil & Elec. Co.
ZIPBOOT - Zippertubing Co.
ZIPIT - Phillips Process Co. Inc.
ZIPOHMS - Muter Co.
ZIPPDUCT - Zippertubing Co.
ZIPPER - Centralab Electronics Div. Globe-Union
ZIPSOL – Fidelity Chemical Products Corp.
ZIRCOA – Zirconium Corp. of America
ZIRCOFRAX - Carborundum Co.
ZOOMATAR – Zoomar, Inc.
ZT-PROTECHTORS – Zippertubing Co.
ZYGLO – Magnaflux Corp., Sub. General Mills
ZYROX - Koppers Co. Inc.
ZYTEL – E. I. du Pont de Nemours & Co., Inc.

electronics
BUYERS' GUIDE 1961-62

Index of Manufacturers

Including: Local Sales / Representatives Offices · Company Statistics · Complete Product Lines

INDIVIDUAL TO CONTACT IN EACH COMPANY

On the line following the name of the company in the MANUFACTURERS' INDEX, is the name of the person *designated by the company itself* who is most knowledgeable about product specifications, delivery dates, prices, etc. This person is not necessarily a corporate officer or executive. He is best equipped to quickly answer your questions when you want to buy—"a direct line from buyer to supplier"

PUSH OUT AND FOLD

COMPANY STATISTICS

Immediately following the name of the key person described above, are symbols which give the following information: number of engineers employed, number of total employees, annual dollar volume of business. The symbols representing these statistics are explained in the codes on the reverse side of this page

MANUFACTURERS' PRODUCT LINES

Numbers following Company Statistics are keyed on the next page to approximately 450 basic products. This new feature in the BUYERS' GUIDE will quickly give the entire product lines of all manufacturers listed, enabling you to buy from a preferred supplier

NEAREST SOURCE OF SUPPLY

Local sales and/or manufacturers' representatives addresses and phone numbers put you in direct contact with the nearest source of supply

Manufacturers advertising in this issue are indicated in this section by an asterisk preceding their name.

KEY TO CODES FOR COMPANY STATISTICS

Under Manufacturers' Names in the INDEX there is information coded by key which is explained below:

AMERICAN CO., INC.........145 Adams St., New York 17, N.Y.........LA 7-8949
R. Tucker ⁼4 *30 E 05-35-55-105-350-745-1025-1995

1 2 3 4 5

1) Name of key person to contact for sales information
2) ⁼4 represents number of engineers (4)
3) *30 represents number of employees (30)
4) E represents Annual Dollar Volume of Business (See chart at right)
5) 05 through 1995 represent products manufactured or services rendered (See listings below)

Information Codes are in this order (1-5) throughout INDEX

Key to Dollar Volume Business Per Year

A — Up to $100,000 per year
B — $100,001 to $250,000 per year
C — $250,001 to $500,000 per year
D — $500,001 to $1,000,000 per year
E — $1,000,001 to $5,000,000 per year
F — $5,000,001 to $10,000,000 per year
G — Over $10.000,000 per year

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05 Abrasives
10 Accelerators
15 Accelerometers
20 Actuators
25 Adapers
30 Adhesives
35 Aircraft Equipment
40 Annunciators
45 Antennas
50 Attenuators
55 Baffles
60 Baluns
65 Bases
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80 Bellows
85 Belts
90 Benches & Stools
95 Bench Test Setups
100 Bezels
105 Blowers

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400 Cryostats
405 Cryotrons
410 Crystals
415 Crystal Units
420 Cylinders
425 Dashpots
430 Data Processing Service
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440 Decommutators
445 Dehumidifiers
450 Delay Lines
455 Delays
460 Demagnetizers
465 Demineralizers & Stills
470 Demodulators
475 Demonstrators
480 Diaphragms
485 Diathermy
490 Dies
500 Diodes
505 Disks
510 Dispensers
515 Dividers
520 Dollies
525 Drafting Supplies
530 Drivers
535 Drives
540 Dry Boxes
545 Ducts
550 Dynamotors
555 Earphones
560 Electroforming Service
565 Electroluminescent Devices
570 Electrostatic Spray Systems
575 Elements
580 Enamels
585 Encapsulation Services
590 Enclosures
595 Engraving & Profiling Services
600 Erasers
605 Escutcheons
610 Exciters
615 Eyelets
620 Fabric Parts
625 Fabrics
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635 Facsimile Equipment
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645 Fasteners
650 Feed Systems
655 Ferrites
660 Fibers
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670 Filters
675 Fixtures
685 Flashers
690 Flock & Flocked Paper
695 Fluids
700 Fluxes
705 Foil (Magnetic)
710 Forks
715 Forms
720 Frames
725 Frequency Measuring Service
730 Fungiproofing Services
735 Furnaces
740 Fuses
745 Garnet
748 Gases
750 Gaskets
755 Gears & Gear Trains
760 Graphite
765 Grilles
770 Grommets
775 Guidance Systems
780 Gyros
785 Handles
790 Hardware
795 Harnesses
800 Headers
805 Headphones & Headsets
810 Heads
815 Hearing Aids
820 Heaters
825 Heat Exchangers
830 Heat Treating Services
835 Helmets
840 High Fidelity
845 Holders
850 Honeycomb Structures
855 Hoods
860 Horns
865 Housings
870 Hydrophones
875 Ignition Systems
880 Inductances
885 Infrared Equipment
890 Inks
895 Instruments
900 Insulation
905 Insulators
910 Intercom Systems
915 Inverters
920 Jack Panel Assemblies
925 Jacks
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940 Jumpers
945 Keyers
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955 Kits
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975 Laminates
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985 Lamp Assemblies
990 Lamps
995 Lapping & Honing Services
1000 Lamyxes
1005 Leads
1010 Leather (Artificial)
1015 Lenses
1020 Lighting Equipment
1025 Lightning Arresters
1030 Light Sources
1035 Limiters
1040 Line Selectors
1045 Loads
1050 Locators
1055 Locks
1060 Loran
1065 Louvers
1070 Lubricants
1075 Machines
1080 Magnetizers
1085 Magnets
1088 Magnifiers
1090 Markers
1095 Masks
1100 Materials
1105 Mats
1110 Megaphones
1115 Metallizing Service
1120 Metal Parts
1125 Metals
1128 Meter Coil Forms
1130 Microphones
1135 Microwave
1140 Mirrors
1145 Modulators
1150 Modules
1155 Moistureproofing
1160 Motor-Generator Sets
1165 Motors
1170 Mounts
1175 Multipliers
1180 Music Systems
1185 Nails
1190 Nameplates
1195 Needles
1200 Networks
1205 Nuts
1210 Optical Equipment
1215 Ovens
1220 Packaging Materials
1225 Packaging Services
1230 Pads
1235 Paging Systems
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1305 Plating
1310 Players
1315 Plugs
1320 Pointers
1325 Posts
1330 Potentiometers
1335 Pots & Tanks
1340 Power Supplies
1345 Precipitators
1350 Preforms
1355 Preselectors
1360 Pressurization Units
1365 Protectors
1370 Public-Address Systems
1375 Pumps
1380 Pushbuttons
1385 Quartz
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1395 Radar
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1405 Radiosondes
1410 Radio Telescopes
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1420 Reactors-Saturable
1425 Receivers
1430 Recorders (Film)
1435 Recorders (Magnetic)
1440 Records
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1560 Shafts
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1575 Shielding
1580 Shields
1585 Shifters
1587 Shipping
1590 Shoran
1595 Shunts
1600 Shutters
1605 Silk Screen Processing
1610 Simulators
1615 Sinks
1620 Slides
1625 Slip-Ring Assemblies
1630 Sockets
1635 Solder
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1645 Solenoids
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1650 Solions
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1665 Sound Systems
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1675 Speakers
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1685 Splicers
1690 Springs
1695 Stabilizers
1700 Stamps
1705 Stands
1710 Straighteners
1715 Strippers
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1725 Subminiaturization
1730 Suppressors
1735 Switches
1740 Synchronizers
1745 Synchros
1750 Tape Decks
1755 Tapes (General Purpose)
1760 Tapes (Recording)
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1800 Thermopiles
1805 Thermostats
1810 Timers
1815 Tinning Services
1820 Titration Apparatus
1825 Tools
1830 Toroids
1835 Tower Services
1840 Trailers & Vans
1845 Transceivers
1850 Transducers
1855 Transformers
1860 Transistors
1865 Translators
1870 Transmitters
1875 Tube Parts
1880 Tubes
1885 Tubing (Metallic)
1890 Tubing (Nonmetallic)
1895 Tuners
1900 Tuning Devices
1902 Tuning Units
1905 Turntables
1910 T V Systems
1915 Ultrasonic
1920 Valves
1925 Varistors
1930 Varnishes
1935 Vibrators
1938 Washer-Weir
1940 Washers
1945 Welders
1950 Wheels
1955 Windows
1960 Wire
1965 Wire Marking
1970 Wire Parts
1975 Wire Twisters
1980 Wiring-Printed
1985 Wrappings
1990 X-Ray
1995 Yokes

INDEX OF MANUFACTURERS'
Sales / Representatives Offices

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	A A METAL PRODUCTS INC	**154 Elliot St, Brattleboro, Vt**	**AL4-4333**
	R Ryder 260-1125		
	AC ELECTRONICS INC	**11725 Mississippi Ave, L A 25, Cal**	**GR8-4288**
	R Peterson #9 *92 E 50-120-255-275-320-338-365-450-670-715-895-915-1135-1200-1340-1585-1855		
Cal	Alpha Sales	11723 Mississippi Ave. LA 25	GR3-1728
	A C SPARK PLUG DIVISION GM	**7929 S. Howell, Oak Creek, Wisc**	**SO2-7000**
	233-325-360-775-780-885-1425		
	A C TRANSFORMER CORP	**89 Madison St, Newark, NJ**	**MI2-7574**
	A C Greyson #1 *15 B 1855		
•	**ACDC ELECTRONICS INC**	**2979 N. Ontario St, Burbank, Cal**	**VI9-2414**
	R Hyder #9 *125 E 320-450-460-895-1150-1200-1340-1420-1855		
Cal	William J Purdy Co	312 Seventh St, San Francisco 3, Cal	UN3-3300
Nev	William J Purdy Co	312 Seventh St, San Francisco 3, Cal	UN3-3300
NJ	H L Hoffman & Co., Inc	35 Old Country Rd, Westbury, NY	ED4-5600
NY	H L Hoffman & Co., Inc	35 Old Country Rd, Westbury, NY	ED4-5600
Sweden	Bo Palmblad Aktiebolag	Hornsgatan 58, Stockholm, Sweden	EX449295
	ACF ELECTRONICS DIV	**Riverdale, Md**	**WA7-4444**
	J Curtis #400 *1800 G 180-185-260-280-325-338-360-565-805-895-1135-1305-1340-1395-1425-1515-1610-1640-1655-1850-1870		
Cal	ACF Electronics Div	5710 W Manchester Blvd. Los Angeles	OR7-2147
Mass	ACF Electronics Div	35 Mount Vernon St. Boston	CA7-8882
NJ	ACF Electronics Div	11 Park Pl. Paramus	CO1-4100
Utah	ACF Electronics Div	138 Dixie St. Layton	376-8259
•	**ADC INC**	**2833 13 Ave, S., Minneapolis 7, Minn**	**PA1-5551**
	D Engebretson #17 *300 C 320-670-920-925-1245-1315-1340-1420-1785-1855		
Ala	E C Raymund & Associates	P.O. Box 8215, Madeira Beach, Fla	WA1-9735
Ariz	E V Roberts & Assoc	340 N. Marshall Ave. Scottsdale	WH7-1381
Ark	R R Burton Sales Co. Inc	6737 Holmes Ave. KC 13, Mo	JA3-0227
Cal	E V Roberts & Associates	5068 W. Washington Blvd, Los Angeles	WE8-2541
Colo	A I Williams Co	2263 S. Albion St, Denver, Colo	SK6-9403
Conn	Wayne Palioca Co	1787 Mass. Ave, Lexington, Mass	VO2-7224
Del	Danco Corp	Germantn Pk/Quarry Hall, Fairview Vlg, Pa	BR5-2600
DC	Danco Corp	Germantn Pk/Quarry Hall, Fairview Vlg, Pa	BR5-2600
Fla	E C Raymund & Associates	P.O. Box 8215, Madeira Beach, Fla	WA1-9735
Ga	E C Raymund & Associates	P.O. Box 8215, Madeira Beach, Fla	WA1-9735
Idaho	A I Williams Co	2263 S. Albion St, Denver, Colo	SK6-9403
Ill	Jay C Angel & Co	2743 Peterson Ave, Chicago, Ill	UP8-0653
Ind	Jay C Angel & Co	2743 Peterson Ave, Chicago, Ill	UP8-0653
Iowa	R R Burton Sales Co. Inc	6737 Holmes Ave, Kansas City 13, Mo	JA3-0227
Iowa	J C Angel & Co	2743 Peterson Ave. Chicago 45, Ill	UP8-0653
Kan	R R Burton Sales Co. Inc	6737 Holmes Ave. KC 13, Mo	JA3-0227
Kan	A I Williams Co	2263 S. Albion, Denver 22, Colo	SK6-9403
Ky	J W Murray	Box 28, Westwood Branch, Cinc 11, Ohio	MO2-1616
Me	Wayne Palioca Co	1787 Mass. Ave, Lexington, Mass	VO2-7224
Md	Danco Corp	Germantn Pk/Quarry Hall, Fairview Vlg, Pa	BR5-2600
Mass	Wayne Palioca Co	1787 Massachusetts Ave, Lexington	VO2-7224
Mich	Electro-Rep	19981 Clairview Ct. W. Detroit 36	TU1-1622
Mich	Electro-Rep	22519 Telegraph Rd, Southfield, Mich	EL6-7211
Minn	R G Ragon Inc	1406 Idaho Ave, W., St. Paul, Minn	MI6-6937
Mo	R R Burton	6737 Holmes Ave. KC 13	JA3-0227
Neb	R R Burton	6737 Holmes Ave. KC 13, Mo	JA3-0227
Neb	Maury E Bettis Co	406 W. 34th St, Kansas City, Mo	LO1-0772
Neb	A I Williams Co	2263 S. Albion St, Denver, Colo	SK6-9403
Nev	E V Roberts & Associates	5068 W. Washington Blvd, L A, Cal	WE8-2541
NH	Wayne Palioca Co	1787 Mass. Ave, Lexington, Mass	VO2-7224
NJ	Danco Corp	Germantn Pk/Quarry Hall, Fairview Vlg, Pa	BR5-2600
NJ	E R A Inc	340 Great Neck Rd, Great Neck, NY	HU2-9320
NM	A I Williams Co	3221 Silver Ave, S.E. Albuquerque, NM	5-9632
NY	J F Wolfetange Jr	4505 E. Genesee St, De Witt, NY	GI6-3330
NY	Hanna & Ferguson	P.O. Box 3893, Rochester, NY	HU2-7757
NY	E R A Inc	340 Great Neck Rd, Great Neck, NY	HU2-9320
NC	K O Brown	P.O. Box 1791, Greensboro, NC	BR3-5973
Ohio	J W Murray	Box 28, Westwood Br. Cinc 11	MO2-1616
Ohio	C A Robinson	P.O. Box 51, Cleveland, Ohio	EV1-9049
Ohio	James Murray	Box 28, Westwood Branch, Cincinnati	HU1-9726
Okla	T J Ray & Co	Box 5417, Tulsa	NA7-1515
Pa	Danco Corp	Germantn Pk/Quarry Hall, Fairview Vlg	BR5-2600
RI	Wayne Palioca Co	1787 Mass. Ave, Lexington, Mass	VO2-7224
SC	K O Brown & Co	P.O. Box 1791, Greensboro, NC	BR3-5973
Tenn	K O Brown & Co	P.O. Box 1791, Greensboro, NC	BR3-5973
Tex	John A Green Co	7118 Envoy Ct. Dallas, Tex	FL1-9947
Utah	A I Williams Co	2263 S. Albion St, Denver, Colo	SK6-9403
Vt	Wayne Palioca Co	1787 Mass. Ave, Lexington, Mass	VO2-7224
Va	K O Brown	P.O. Box 1791, Greensboro, NC	BR3-5973
Wisc	Jay C Angel & Co	2743 Peterson Ave, Chicago, Ill	UP8-0653
Wisc	R G Ragon Inc	1406 Idaho Ave, W., St. Paul, Minn	MI6-6937
Wyo	A I Williams Co	2263 S. Albion St, Denver, Colo	SK6-9403
Can	Wittler Eng & Sales Co	676 Richmond St. W. Toronto 3, Ont	EM3-7207

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	A G A CORP	**1200 Duke St, Alexandria, Va**	**TE6-7117**
	T Moebling #60 *140 E 45-280-360-365-385-650-670-895-1135-1150-1170-1200-1300-1395-1870		
Cal	AGA Corp Cal Div	13624 Magnolia Ave, Corona	RE7-5811
Fla	Eric C Parsons	179 N Eglin Parkway, Ft Walton Beach	CH3-8178
Ohio	George H Ohmer	P.O. Box 34, Sta D, Dayton 10, Ohio	AX3-3761
	A-K MFG. CO. INC	**410 S. Hager Ave. Barrington, Ill**	**DU1-5432**
	J Currey *45 C 185-190-795-1900		
Cal	M Cozzi	6245 Zelzah Ave Reseda	DI2-7383
Cal	Michael J Cozzi	6245 Zelzah Ave, Reseda, Cal	DI2-7383
Ill	Nero Electronics Sales Co	3516 Elmwood Ave. Wilmette	AL6-1045
Ill	Nero Electronic Sales Co	3516 Elmwood Ave, Wilmette, Ill	AL6-1045
Ohio	J O Olsen Co	16201 Shaker Blvd. Cleve 20	SK2-5444
Ohio	J O Olsen Co	4016 Diehl Ave. Cinc 36	SY1-1297
Pa	J O Olsen Co	104 Elatan Dr. Pittsbgh 16	BR9-2550
Wis	Nero Electronic Sales Co	3516 Elmwood Ave. Wilmette, Ill	AL6-1045
	AOIP (Assoc des Ouv en Ins de Prec)	**23 Place Jeanne d'Arc, Paris 13, Fr**	
	R Fay #50 *2000 F 35-50-110-220-255-275-320-338-360-475-895-925-1125-1240-1245-1330-1475-1735-1765-1960		
•	**A P M CORP**	**41 Honeck St, Englewood, NJ**	**LO9-5700**
	H Smith #3 *40 D 175-345-1535-1540-1545		
Ala	Jake Rudisill Assoc	2009 N Tryon St, Charlotte, NC	FR6-4792
Ariz	Wayne Goldie Co	170 Lowell, Sierra Madre, Cal	EL5-7305
Cal	Jeff McKnight Co	Box 543, Menlo Park, Cal	DA6-3762
Cal	Wayne Goldie Co	170 Lowell Ave, Sierra Madre, Cal	EL5-7305
Cal	Western Electromotive Inc	8467 Steller Dr, Culver City	UP0-7621
Colo	Fred A Pease Co	4921 E 38th Ave, Denver 7	DU8-4643
Conn	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Del	Tyler Griffin Co	32 S. Fairfield Rd, Devon, Pa	MU8-4821
DC	Nat Kronstadt Assoc	912 Thayer Ave, Silver Spring, Md	JU5-6141
Fla	Jack Geartner Co	235 Lincoln Rd, Miami Beach, Fla	JE1-0200
Ga	Jake Rudisill Assoc	2009 N Tryon St, Charlotte, NC	FR6-4792
Ill	Hill & Gray Inc	821 Garfield, Oak Park	ES8-7050
Ind	Forrest C Valentine Inc	511 Ft. Wayne Bank Bldg, Ft. Wayne 2	AN9122
Iowa	D R Hausler	607 Willow St. E., Wheaton, Ill	MO8-7312
Kan	Penzner Sales Co	8300 W 92nd St, Overland Park	NI8-4965
Ky	Forrest C Valentine Inc	511 Ft. Wayne Bank Bldg, Ft. Wayne 2, Ind	AN9122
Me	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Md	Tyler Griffin Co	32 S Fairfield Rd, Devon, Pa	MU8-4821
Md	Nat Kronstadt Assoc	912 Thayer Ave, Silver Spring	JU5-6141
Mass	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Mich	Koehler & Pasmore Co	11833 Hamilton, Detroit 3, Mich	TO8-3222
Minn	Earl R Benson Co	2651 University Ave, St Paul	MI5197
Mo	Penzner Sales Co	8300 W 92 St, Overland Park, Kansas	NI8-4965
Mont	Fred A Pease	4921 E 38 Ave, Denver, Colo	DU8-4643
NH	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
NJ	Adolph Friedman Co	519 S. 5th Ave, Mt. Vernon, NY	MO4-6110
NJ	Tyler Griffin Co	32 S. Fairfield Rd, Devon, Pa	MU8-4821
NM	Morris Steel & Alum Co	11228 San Mateo Blvd SE, Albuquerque	AL5-0500
NY	Adolph Friedman Co	519 S. 5th Ave, Mt. Vernon, NY	MO4-6110
NC	Jake Rudisill Assoc	2009 N Tryon St, Charlotte	FR6-4792
Ohio	Forrest C Valentine Inc	511 Ft. Wayne Bk Bldg, Ft. Wayne 2, Ind	AN9122
Ore	Max W Stalcup	1320 142nd Ave SE, Bellevue, Wash	SH6-5868
Pa	Tyler Griffin Co	32 S. Fairfield Rd, Devon, Pa	MU8-4821
Pa	John O Olsen Co	16201 Shaker Blvd, Cleveland, Ohio	SK2-5444
RI	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
SC	Jake Rudisill Assoc	2009 N Tryon St, Charlotte, NC	FR6-4792
Tenn	Jake Rudisill Assoc	2009 N Tryon St, Charlotte, NC	FR6-4792
Tex	Engineered Products Industry Co	4027 Maple Ave, Dallas	LA8-7422
Utah	Fred A Pease	4921 E 38 Ave, Denver, Colo	DU8-4643
Vt	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Va	Jake Rudisill Assoc	2009 N Tryon St, Charlotte, NC	FR6-4792
Va	Nat Kronstadt Assoc	912 Thayer Ave, Silver Spring, Md	JU5-6141
Wash	Max W Stalcup	1320 142nd Ave SE, Bellevue	SH6-5868
W. Va	John O Olsen Co	104 Elatan Dr, Pittsburgh 16, Pa	BR9-2550
Wyo	Fred A Pease	4921 E 38 Ave, Denver, Colo	DU8-4643
Foreign	Super Electronics Corp	125 5th Ave, New York 3, NY	
Foreign	Super Electronics Corp	97 Barthel Str, Cologne, Germany	
	A P W CO	**72 W. Main St, Rockaway, NJ**	**OA7-0443**
	A Pfeil #1 *20 B 320-1645-1855		
NY	Henry J Abbott	3939 Wicks Ave, Seaford, NY	SU1-5256
	A R & D A	**135 Main St, Belleville 9, NJ**	**PL9-4982**
	J Williams #4 *20 D 320-330-340-365-450-895-915-1075-1340-1390-1475-1610-1645		
Del	Arobone & Cline	33rd & Arch Sts. Phila, Pa	EV2-6520
Md	Arobone & Cline	33rd & Arch St. Phila, Pa	EV2-6520
NJ	Jud Williams Assoc	50 Main St. Orange	OR5-7199
NY	Jud Williams Assoc	50 Main St. Orange, NJ	OR5-7199
Tenn	Arobone & Cline	33rd & Arch Sts. Phila, Pa	EV2-6520

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	ARF PRODUCTS INC	**7627 Lake St, River Forest, Ill**	**FO9-6000**
	M Massel #25 *125 E 280-360-895-1145-1215-1395-1425		
Alaska	Southwest Intl Inc	614 11th St, N.W., Albuquerque, NM	CH2-5065
Ariz	Robert E Berg	8807 Cordova Ave, N.E., Albuquerque, NM	9-1351
Cal	William Wahl Corp	11973 San Vicente Blvd, Los Angeles 49	GR2-1246
Cal	Robert E Berg	8807 Cordova Ave N.E., Albuquerque, NM	9-1351
DC	Wilco Assoc	733-15th St. Wash	EX3-0451
NM	Robert E Berg	8807 Cordova Ave. Albuquerque	9-1351
Ohio	Laurence D Bruno	PO Box 61, Far Hills Branch, Dayton	AX3-8703
For	Southwest Intl, Inc	614 11th St. NW, Albuquerque, NM	CH2-5065
	AR & T ELECTRONICS, INC	**1101 McAlmont St, Little Rock, Ark**	**FR5-6641**
	D Mason #30 *170 E 325-330-740-1870		
Cal	R C McClintock	641 California Ave, Palo Alto	DA1-7840
Ohio	C F Winder	1801 Gilbert Ave, Cincinnati 2	MA1-4300
•	**A T ELECTRONICS, INC**	**Box 1841, New Haven 8, Conn**	**ST7-2121**
	H Jones #4 *20 D 190-345-450-1200		
Conn	R S Pettigrew, Inc	10 N Main St. West Hartford 7	AD3-8533
Del	P F Bell Co	Hunters Ln. Devon, Pa	MU8-5011
DC	P F Bell Co	Hunters Ln. Devon, Pa	MU8-5011
Ill	N Claude Booth & Assoc	400 North Ave. Chicago 39	CA7-2810
Md	P F Bell Co	Hunters Ln. Devon, Pa	MU8-5011
Mass	R S Pettigrew, Inc	10 N Main St. West Hartford 7, Conn	AD3-8533
NH	R S Pettigrew Co. Inc	10 N Main St. West Hartford, Conn	AD8-8533
NJ	F F Sylvester	Box 14, Springfield	3324
NJ	P F Bell Co	Hunters Ln. Devon, Pa	MU8-5011
NY	F F Sylvester Assoc	Box 14, Springfield, NJ	DR6-3324
NY	M P Andrews, Inc	Fayetteville	GI6-3424
Ohio	R R Stone & Assoc	Box 5354, Cleveland Heights	ER1-4484
Pa	P F Bell Co	Hunters Ln. Devon	MU3-5011
RI	R S Pettigrew Co. Inc	10 N Main St. W Hartford 7, Conn	AD8-8533
Vt	R S Pettigrew Co. Inc	10 N Main St. W Hartford, Conn	AD8-8533
Va	P F Bell Co	Hunters Ln. Devon, Pa	MU8-5011
Wash	P F Bell Co	Hunters Ln. Devon, Pa	MU8-5011
W Va	R S Stone & Assoc	Box 3524, Cleveland Heights, Ohio	ER1-4484
Wis	S Claude Booth & Assoc	400 North Ave. Chicago 39, Ill	CA7-2810
Can	Aviation Electric, Ltd	Montreal, PQ	RI4-2811
	ABACUS INC	**3040 Overland Ave, Los Angeles 34, Cal**	**YE7-6169**
	F Zimmerman #4 *8 B 330-338-440-455-895-1150-1810		
Ariz	Ault-Wieler	2021 Garnet B, San Diego 9, Cal	BR4-6466
Cal	Ault-Wieler	1635 Centinela, Inglewood	OR8-6144
Cal	Ault-Wieler	2021 Garnet B, San Diego 9	BR4-6466
Cal	Charles Long & Assoc	505 Middlefield Rd, Redwood City	EM9-3324
DC	Fred F Bartlett & Co	734 15th NW, Washington 5	EX3-6242
Md	Fred F Bartlett & Co	18 W Ave. Wayne, Pa	MU8-7325
Minn	Fred B Hill Co	6110 Excelsior Blvd. Mpls 16	WE9-6727
NJ	Fred F Bartlett Co	18 West Ave. Wayne, Pa	MU8-7325
NJ	Rever Assoc	600 Old Country Rd. Garden City, NY	PI1-3811
NY	Reed-Tollefson	2815 Monroe Ave. Rochester	GR3-2767
NY	Rever Assoc	600 Old Country Rd. Garden City	PI1-3811
Pa	Fred F Bartlett & Co	18 West Ave. Wayne	MU8-7325
Va	Fred F Bartlett & Co	18 West Ave. Wayne, Pa	MU8-7325
•	**ABALON PRECISION MFG CORP**	**540 Casanova St, New York 59, NY**	**LU9-5682**
	#2 *25 B 135-140-180-210-240-260-675-785-790-900-1125-1245		
	ABBOTT PRODUCTS INC	**14-10 123rd St, College Point 56, NY**	**FL8-1400**
	H Harrison #2 *75 E 125-1535		
•	**ABRAMS INSTRUMENT CORP**	**606 E. Shiawassee, Lansing, Mich**	**IV4-9441**
	M Stuart #7 *123 E 200-895-1460-1810		
Cal	Instrumentation Sales Inc	5002 Crenshaw Blvd, L A 43	AX2-0395
Colo	Longstreet-Smith Assoc, Inc	1013 15th St, Denver	KE4-5091
DC	F R Jodon Inc	4922 St Elmo Ave, Bethesda 14, Md	OL2-5110
Ga	C M Sallee Assoc	P O Box 3595, Atlanta 16	JA3-2232
Md	F R Jodon Inc	4922 St Elmo Ave, Bethesda 14	OL2-5110
Mich	Product Sales	201½ E Grand River, E Lansing	ED2-6451
Minn	Scott Electronics	6500 Xerxes Ave S, Minneapolis 23	
Mo	Thunderbird Engrg Sales & Services	7811 Carondelet Ave, St Louis 5	PA6-1413
NJ	Q E D	9 Elm Ave, Mount Vernon, NY	MO8-3100
NJ	Kriegner	234 Hanover, Trenton 8	EX2-5110
NY	Infrared Systems Inc	470 Franklin St, Buffalo 2	TT4-3577
Ohio	Monatron	21056 Lorain Rd, Cleveland 26	ED1-3554
Pa	Monatron & Kriegner Sales Co, Inc	21056 Lorain Rd. Cleveland 26, Ohio	ED1-3554
Pa	Monatron & Kriegner Sales Co, Inc	234 Hanover St. Trenton 8, NJ	EX2-5166
Tex	Southern Ind Electronics, Inc	Box 35633, Air Lawn Sta, Dallas 25	FL2-3901
Wis	Scott Electronics	6500 Xerxes Ave. S, Mpls 23, Minn	WE9-2985
	ABTRONICS INC	**64 S. P St, Livermore, Cal**	**HI7-4785**
	#1 *10 B 1800		
Ala	E G Holmes & Assoc	4969 Roswell Rd. NE. Atlanta 5, Ga	BL5-6660
Alas	Comptronics	2 Hanford St. Seattle 4, Wash	MA4-5135
Ariz	Ault-Wieler Inc	2021 1/2 Garnet Ave. San Diego, Cal	BR4-4466

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	Ault-Wieler Inc	2021 1/2 Garnet Ave, San Diego 9	BR4-4466
Cal	Ault-Wieler Inc	625 Centinela Ave, Inglewood	OR8-6144
Cal	Ault Associates	120 Santa Margarita, Menlo Park, Cal	DA6-1760
Colo	Williams & Associates Inc	2261 S. Albion St, Denver, Colo	SK6-9403
Conn	Broger Instrument Sales Co. Inc	4431 Whitney Ave, New Haven 15	SP7-6279
Del	G Curtis Engel & Associates Inc	210 S. Broad St, Ridgewood, NJ	GI4-1400
Fla	E G Holmes & Assoc	1220 Edgewater Dr. Orlando	CH1-2128
Ga	E G Holmes & Assoc	4969 Roswell Rd. NE. Atlanta 5	BL5-6660
Idah	Comptronics	2 Hanford St. Seattle 4, Wash	MA4-5135
Ill	Lang, Claeson & Assoc	6733 N. Olmsted Ave. Chicago 31	SP4-3610
Ind	Lang, Claeson & Assoc	6733 N. Olmsted Ave. Chicago 31, Ill	SP4-3610
Iowa	Lang, Claeson & Assoc	6733 N. Olmsted Ave. Chicago 31, Ill	SP4-3610
Me	Broger Instrument Sales Co. Inc	48 Pearl St. Brookline 47, Mass	BE2-4804
Mass	Broger Instrument Sales Co. Inc	48 Pearl St. Brookline 47	BE2-4804
Mich	Tower Engineering Co	19364 James Couzens Hwy, Detroit 35	DI1-2332
Miss	E G Holmes & Assoc	4969 Roswell Rd. NE. Atlanta 5 Ga	BL5-6660
Mont	Comptronics	2 Hanford St. Seattle 4, Wash	MA4-5135
Neb	Williams & Assoc	2261 S. Albion St. Denver, Colo	SK6-9403
NJ	G Curtis Engel & Associates Inc	210 S. Broad St, Ridgewood, NJ	GI4-1400
Nev	Ault Assoc	120 Santa Margarita, Menlo Park, Cal	DA6-1760
NH	Broger Instrument Sales Co. Inc	48 Pearl St. Brookline 47, Mass	BE2-4804
NM	Williams & Assoc	3321 Silver Ave. SE. Albuquerque	AL5-9632
NY	G Curtis Engel & Assoc	210 S. Broad St. Ridgewood, NJ	GI4-1400
NC	E G Holmes & Assoc	440 W. Market St. Greensboro	BR2-0855
Ohio	Tower Engineering Co	2138 Lee Rd, Cleveland 18, Ohio	YE2-8563
Ohio	Tower Eng. Co	3898 Linden Ave. Dayton 32	CL6-0931
Ore	Comptronics	2 Hanford St. Seattle 4, Wash	MA4-5135
Pa	G Curtis Engel & Associates Inc	210 S. Broad St, Ridgewood, NJ	GI5-1400
Pa	Tower Engineering Co	3898 Linden Ave, Dayton 32, Ohio	CL6-0931
RI	Broger Instrument Sales Co. Inc	48 Pearl St. Brookline 47, Mass	BE2-4804
SC	E G Holmes & Assoc	440 W. Market St. Greensboro, NC	BR2-0855
Tenn	E G Holmes & Assoc	4969 Roswell Rd. NE. Atlanta 5, Ga	BL5-6660
Utah	Williams & Assoc. Inc	320 E. 4th S. Salt Lake City	EM4-6844
Vt	Broger Instrument Sales Co. Inc	48 Pearl St. Brookline 47, Mass	BE2-4804
Va	Ed Holmes & Associates	4969 Roswell Rd, N.E., Atlanta 5, Ga	BL5-6660
Wash	Comptronics	2 Hanford St. Seattle 4, Wash	MA4-5135
Wis	Lang, Claeson & Assoc	6733 N. Olmsted Ave. Chicago 31, Ill	SP4-3610
Wyo	Williams & Assoc Inc	2261 S Albion St. Denver, Colo	SK6-9403
Can	A Crawford Assoc. Ltd	5580 Yonge St. Willowdale, Ont	BA5-7391
Can	Comptronics	2 Hanford St. Seattle 4, Wash	MA4-5135

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
•	**ACCURACY INC**	**4 Gordon St, Waltham 54, Mass**	**TW4-1126**
	T Lowey #2 *15 B 1330		
Cal	Jewett Co	13111 Ventura Blvd. N. Hollywood	ST9-8103
Ill	Berndt & Klien Assoc	2941 W. Touhy Ave. Chicago 45	BR4-0600
Md	East Coast Liaison Inc	Box 243, Lutherville	VA5-4449
Mass	Monahan & Co	Box 474, Norwood	NO7-5961
NY	Aironic Accessory Co. Inc	161 Orinoco Dr. Brightwaters	MO6-6510
Ohio	Fredrick & Nearing Co., The	4429 Bridgetown Rd. Cinc 11	MO2-1781

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ACCURATE ELECTRONICS CORP	**Box 935 G, Elyria, Ohio**	**EM5-1211**
	J Seybold #2 *32 C 325-338-345-390-790-845-920-925-985-1055-1120-1125-1135-1245-1290-1315-1325-1425-1630-1780-1785-1845-1850-1870		
Cal	The K W Lockwood Co	1516 Westwood Blvd. LA 24	BR2-5377
Fla	P O Griffin	5601 Glorida Ave. Tampa	36-6652
Ill	H C Fehr	625 W. Jackson Blvd. Chicago 6	RA6-0038
Ind	W A Meily Co	4017 S. Harrison Blvd, Ft. Wayne 6, Ind	KE2461
Ky	Joseph H Clark	Box 708, Warrensville Br, Cleve 22, Ohio	PR1-2241
Md	Donoghue & Assoc	977 Perry Hwy. Pittsbgh 37, Pa	WE1-6878
Mich	W A Meily Co	4017 S. Harrison Blvd, Ft. Wayne 6, Ind	KE2461
Nev	The K W Lockwood Co	1516 Westwood Blvd. LA 24, Cal	BR2-5377
NJ	B U Levy	20-30 Elk Dr. Far Rockaway 91	FA7-7608
NY	Burt U Levy	20-30 Elk Dr, Far Rockaway 91, NY	FA7-7608
Ohio	Joseph H Clark	Box 708, Warrensville Br, Cleve 22, Ohio	PR1-2241
Pa	Donoghue & Assoc	977 Perry Hwy. Pittsbgh 37	WE1-6878
W Va	Donoghue & Assoc	977 Perry Hwy. Pittsbgh 37, Pa	WE1-6878
Wis	H C Fehr	625 W. Jackson Blvd. Chicago 6, Ill	RA6-0038
Canada	Electrolabs	7385 St. Lawrence Blvd, Montreal, Que	CR6-6076

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
•	**ACCURATE INSTRUMENT CO**	**2418 W. Ala. Houston 6, Tex**	**JA6-4947**
	J Sears 365-670-895-915-1455		
Cal	Components Sales California Inc	4626 Van Nuys Blvd. Sherman Oaks	ST8-4550
Cal	Jay Stone & Assoc	314 1st St. Los Altos	WH8-4563
Conn	Components Sales Corp	218 E. Hartsdale Ave. Hartsdale, NY	SC5-1050
Me	Components Sales Corp	218 E. Hartsdale Ave. Hartsdale, NY	SC5-1050
Mass	Components Sales Corp	218 E Hartsdale Ave. Hartsdale, NY	SC5-1050
NH	Components Sales Corp	218 E. Hartsdale Ave. Hartsdale, NY	SC5-1050
NJ	Components Sales Corp	218 E. Hartsdale Ave. Hartsdale, NY	SC5-1050
NY	Components Sales Corp	218 E. Hartsdale Ave. Hartsdale	SC5-1050
Ore	Myron R Smith & Co	717 Michigan St. Seattle 8, Wash	PA5-1665
RI	Components Sales Corp	218 E. Hartsdale Ave. Hartsdale, NY	SC5-1050
Vt	Components Sales Corp	218 E. Hartsdale Ave. Hartsdale, NY	SC5-1050
Wash	Myron R Smith & Co	717 Michigan St. Seattle 8	PA5-1665

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ACCURATE MFG CO., INC.	**44 Hepworth Pl, Garfield, NJ**	**GR3-2900**
	1755		
Cal	F J Airey Co	1513-15 S. Mateo St, Los Angeles 21, Cal	TU3101
Cal	Curry Co., The	305 King St, San Francisco, Cal	YU2-0788
Colo	L B Putnam Co	2013 Welton St, Denver 5, Colo	TA5-5866
Conn	Chas E Schell	[illegible] St, Bridgeport 3, Conn	ED5-8492
Fla	Bill Crighton & Associates	P.O. Box 173, Riverview, Fla	TA40-3051
Ga	Frank B Davis	708 Spring St, N.W., Atlanta 8, Ga	TR5-2278
Hawaii	[illegible]	P.O. Box 1577, Honolulu 6, Hawaii	67-551
Ill	R D Ostellier Inc	4400 W. Fullerton Ave, Chicago 39, Ill	BE7-6460
Kan	R L Hinzlin Co	1400 Fairfax Trfwy, Kansas City 15, Kan	MA1-4700
Mich	V W Crolin Co	3019 Ridgewood Ave, Detroit 4, Mich	UE3-7517
Minn	Clifford L Gray	3922 Xerxes Ave, N., Minneapolis 12	JA9-5682
Mo	C J Sampson Co	5627 Manchester Ave, St. Louis 3, Mo	MI7-4344
NJ	Brazill Brothers	11-13 McKinley St, Linden, NJ	WA5-0800
NY	Walter E Dow Co., Inc	753 James St, Syracuse 3, NY	GR9-6658
NC	W H Lassiter Sales Co	P.O. Box 11014, Charlotte 9, N C	FR5-5731
Ohio	Arthur L Ehlers Co	1021 [illegible] Dr, Cincinnati 37, Ohio	EL1-4200
Okla	Wayne G Parker Co	P O Box [illegible], Jenks, Okla	[illegible]
Pa	W B [illegible] Co	1 Cedar Blvd, Pittsburg 28, Pa	FI1-6573
Pa	Wm C Walsh & Sons	170 N. 32nd St, Philadelphia 4, Pa	EV6-0025
Tenn	K L [illegible]	5540 [illegible] Cove, Memphis 17, Tenn	MU7-1109
Tex	R L Brewer Co., Inc	P O Box 1547, El Paso, Tex	KE2-7661

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Wash	Electric Agencies	506 Second Ave, Seattle 4, Wash	MA3-2360
Wisc	A W Schwind Co	324 S. Second St, Milwaukee 4, Wisc	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
•	**ACCURATE PAPER TUBE CO**	**801 N. Peoria St, Chicago 22, Ill**	**CH3-2166**
	L Levinthal 1890		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ACCURATE SPECIALTIES CO. INC	**345 Lodi St. Hackensack, NJ**	**HU9-4650**
	I Soloteff #8 *135 E 75-115-215-220-240-255-320-380-700-895-900-1115-1120-1125-1350-1545-1635-1885-1890-1960		
Ariz	Edward Foley & Associates	3840 N. Jokake Dr, Scottsdale, Ariz	WH5-4290
Cal	N Nesbitt	1128 N. Adair Pl. Anaheim	PR2-7165
Conn	Keyco Assoc	Box 357, Farmington	OR7-1771
Fla	J Gaertner Co	235 Lincoln Rd. Miami Beach	JE1-0200
Ill	E G Kostal & Assoc	6272 W. North Ave. Chicago 39	TU9-1521
Ind	Victor Musser	608 W. 2nd St, Marion, Ind	NO2-7874
Mo	R R Burton & Co	6737 Holmes St. KC 31	JA3-0227
NJ	B Kohl	201 Crescent Ave. Leonia	WI4-6488
NY	Bacon & Co	Box 146, Orchard Park	NN1-5560
NY	A Gordon	72 Klondike Ave. Springdale, Conn	DA3-5646
Ohio	H Lake	384 W. 1st St. Dayton	BA4-3122
Ore	W N Alfonse Co	8815 NE. Prescott St. Portland	AL2-3501
Tex	Philip Scanlon	2608 Inwood Rd, Dallas, Tex	FL1-9991
Wis	Wire & Sintered Prods. Inc	4477 N. Farwell Ave. Shorewood	WO2-8920

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ACCURATE SPRING MFG CO	**3811 W. Lake St, Chicago 24, Ill**	**VB6-5900**
	R Madden #2 *200 E 645-1200-1690-1970		
Ariz	Pacific Component Sales, Inc	315 W. 9th St, Los Angeles, Cal	MA2-0808
Cal	Pacific Component Sales, Inc	315 W. 9th St, Los Angeles, Cal	MA2-0808
Ind	D G Teeling Co	P.O. Box 20111, Indianapolis 20, Ind	CL1-9571
Iowa	Koenig-Myers Associates	4538 Main St, Kansas City 11, Mo	JE1-7221
Kan	Koenig-Myers Associates	4538 Main St, Kansas City 11, Mo	JE1-7221
Ky	C D Blincoe	788 Ludlow Ave. Cinc 20, Ohio	WO1-3090
Mich	C J Bauer Jr	1697 Brockway St, Saginaw, Mich	PL5-3211
Mich	M G Chapin Jr	18825 Grand River Ave, Detroit 23, Mich	VE8-8950
Minn	O R Kreutzeger & Co	6524 Walker St, Minneapolis 26, Minn	WE9-3335
Mo	L Horneyer Co	6326 Bartmer Ave. St. Louis 30	PA5-8036
Mo	Koenig-Myers Associates	4538 Main St, Kansas City 11, Mo	JE1-7221
Neb	Koenig-Myers Associates	4538 Main St, Kansas City 11, Mo	JE1-7221
NY	R W Jackson	4446 Main St, Buffalo 26, NY	C12094
Ohio	C D Blincoe	788 Ludlow Ave. Cinc 20	WO1-3090
Ohio	Hiltebrant-Greenleaf Co	8905 Lake Ave, Cleveland 2, Ohio	OL1-6900
Wisc	Accurate Spg Mfg Co	8403 Libson Ave, Milwaukee 22, Wisc	HO1-0333
Canada	John R Fraser	3101 Longfellow Ave, Windsor, Ont, Can	YO9-1842

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ACCURON CO	**107 S. 3rd St. Tipp City, Ohio**	**MO7-3425**
	F Troy #3 *16 C 895-1075		
	ACE COIL & ELECTRONICS CO	**912 Lincoln Hwy, Metuchen, NJ**	**LI8-3580**
	F Sampson #1 *27 B 45-320-1475-1855		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ACE ELECTRONICS ASSOCIATES INC	**99 Dover St, Somerville, Mass.**	**SO6-5130**
	S Rudnick #15 *150 1330		
Ala	J E Joyner Jr & Assoc	Box 10821, Atlanta 10, Ga	758-7497
Ariz	Jackson Edwards Co	4101 Lankershim Blvd, N. Hollywood, Cal	TR7-9603
Ark	V J Sykes Assoc	2608 Inwood Rd. Dallas 35, Tex	FL2-6943
Cal	F W Moulthrop Co	575 10th St. San Francisco 3	AN1-7676
Cal	Jackson Edwards Co	4101 Lankershim Blvd, N. Hollywood, Cal	TR7-9603
Colo	Hytronic Measurements Inc	1295 S. Bannock, Denver, Colo	PE3-3701
Conn	Bahr Sales Co	Spring Valley Rd. Woodbridge	FU7-8712
Del	H R Potts Co	Box 516, Levittown, Pa	WI6-6881
DC	H R Potts Co	Box 516, Levittown, Pa	WI6-6881
Fla	George F Bowman Co	601 N Fern Creek Ave. Orlando	GA5-6860
Ga	J E Joyner Jr & Assoc	Box 10821, Atlanta 10	758-7497
Idaho	Harry Levinson Co	1117 Second Ave, Seattle, Wash	MA2-5433
Ill	Bauman & Bluzat Co	4140 W Fullerton Ave. Chicago 39	HU6-6809
Ind	Callaghan-Bach Inc	2209 Losantiville Rd, Cincinnati, Ohio	RE1-8660
Ind	Bauman & Bluzat Co	4140 W Fullerton Ave. Chicago 39, Ill	HU6-6809
Iowa	Thunderbird Engrg Sls Services Inc	7811 Carondelet Ave, St. Louis, Mo	PA6-1413
Kan	Thunderbird Engrg Sls Services Inc	6405 E. Kellogg, Wichita, Kan	MU4-3941
La	V J Sykes Assoc	2608 Inwood Rd. Dallas 35, Tex	FL2-6943
Me	Bahr Sales Co	Spring Valley Rd. Woodbridge, Conn	FU7-8712
Md	H R Potts Co	Box 516, Levittown, Pa	WI6-6881
Mass	Bahr Sales Co	Spring Valley Rd. Woodbridge, Conn	FU7-8712
Mich	C H Roller Sales Co	5249 Stage N. W., Grand Rapids, Mich	EM1-9629
Minn	Hamilton & Bayle Associates Inc	3359 Republic Ave, Minneapolis, Minn	WE9-7891
Mo	Thunderbird Engrg Sls Services Inc	7811 Carondelet Ave, St. Louis, Mo	PA6-1413
Mont	Harry Levinson Co	1117 Second Ave, Seattle, Wash	MA2-5433
Neb	Thunderbird Engrg Sls Services Inc	7811 Carondelet Ave, St. Louis, Mo	PA6-1413
NH	Bahr Sales Co	Spring Valley Rd. Woodbridge, Conn	FU7-8712
NJ	John W Richardt Co	Rt 46, Pine Brook	CA8-0600
NM	Hytronic Measurements Inc	211 Sierra S.E., Albuquerque, NM	
NY	Wall Associates	P.O. Box 161, DeWitt, N Y	GI6-4100
NY	John W Richardt	Rt 46, Pine Brook, NJ	CA8-0600
NC	J E Joyner Jr & Assoc	Box 10821, Atlanta 10, Ga	758-7497
ND	Hamilton & Bayle Associates Inc	3359 Republic Ave, Minneapolis, Minn	WE9-7891
Ohio	Callaghan-Bach Inc	2209 Losantiville Rd, Cincinnati, Ohio	RE1-8660
Okla	V J Sykes Assoc	2608 Inwood Rd. Dallas 35, Tex	FL2-6943
Ore	Harry Levinson Co	1117 Second Ave, Seattle, Wash	MA2-5433
Pa	H R Potts Co	Box 516, Levittown	WI6-6881
RI	Bahr Sales Co	Spring Valley Rd. Woodbridge, Conn	FU7-8712
SC	J E Joyner Jr & Assoc	Box 10821, Atlanta 10, Ga	758-7497
SD	Hamilton & Bayle Associates Inc	3359 Republic Ave, Minneapolis, Minn	WE9-7891
Tenn	J E Joyner Jr & Assoc	Box 10821, Atlanta 10, Ga	758-7497
Tex	V J Sykes Assoc	2608 Inwood Rd. Dallas 35	FL2-6943
Utah	Hytronic Measurements Inc	2022 S. Main St, Salt Lake City, Utah	[illegible]
Vt	Bahr Sales Co	Spring Valley Rd. Woodbridge, Conn	FU7-8712
Va	J E Joyner Jr & Assoc	Box 10821, Atlanta 10, Ga	758-7497
Wash	Harry Levinson Co	1117 Second Ave, Seattle, Wash	MA2-5433
Wis	Bauman & Bluzat Co	4140 W Fullerton Ave. Chicago 39, Ill	HU6-6809
Wyo	Hytronic Measurements Inc	1295 S. Bannock, Denver, Colo	PE1-3701
Can	David R Beattie Sales Co	1415 Lawrence Ave. W, Toronto, Ont	CH9-4401
Foreign	Controls & Instruments Co	15 E. 40th St, New York 16, NY	MU5-5131

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ACE ENGINEERING & MACHINE CO., INC	**Tomlinson Rd, Huntingdon Valley, Pa**	**WI7-19[illegible]**
	C Borden #7 *50 D 135-255-1570		
Cal	Premmco Inc of Northern California	2426 Lincoln Ave, Alameda, Cal	LA2-9[illegible]
Cal	Premmco Inc	5470 Valley Blvd, Los Angeles 32, Cal	CA2-0167

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Okla	Alldredge & McCabe	847 E. 17th Ave, Denver 18, Colo	AL5-7495
Ill	Universal Sales & Supply Inc	14 Industrial Rd, Addison, Ill	[illegible]
Kan	Kemco, Inc	6427 E Kellogg St, Wichita	MU4-8224
NY	Edwin S Kesney	3577 Carrollton Ave, Wantagh, NY	SU1-2568
Tex	Kemco, Inc	1618 W 6th St. Irving	FL1-5800
Can	David R Beattie	1415 Lawrence Ave. W, Toronto, Ont	CH9-4401

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ACE PLASTIC CO	**91-30 Van Wyck Expwy, Jamaica 35, NY**	**JA3-5500**
	S Seidman *150 E 175-770-1290		
Ill	Joseph Robinson & Associates	818 W. Evergreen Ave, Chicago, Ill	MO4-1413
Mass	Orkney Associates	12 Norfolk St, Cambridge, Mass	KI7-0670
Mich	Barnhardt-Dilude Inc	1812 S. Rochester Rd, Rochester, Mich	OL1-8410

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ACE SPRING MFG CO., INC	**144 32 St, Brooklyn 32, NY**	**ST8-8100**
	L Edwards 1690		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ACETO CHEMICAL CO. INC	**40-40 Lawrence St. Flushing, NY**	**IN1-4100**
	I Rosen *20 E 240-265-1125		
Cal	Aceto Chemical of Cal Inc	6250 Tujunga Ave, N. Hollywood, Cal	TR7-8913
Canada	McIntosh Chemical Ltd	Box 61, Mt. Royal Sta, Montreal, Canada	RE7-6294

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ACHESON COLLOIDS CO	**1950 Washington Ave, Port Huron, Mich**	**YU4-4171**
	A Olsson 315-760-1070		
Cal	Clarence Haserot	2736 E. Walnut St, Pasadena, Cal	MU1-7819
Ill	Norman T Bauer	510 N. Dearborn St, Chicago 10, Ill	MO4-2032
Mich	Fred Zajac	415 Brainard, Detroit 1	TE3-9028
NJ	Frank H Mrozek	111 E. 1st Ave. Roselle	CH1-0952
NY	Wm D Signer Jr	907 Monroe Ave, Rochester 20, NY	GR3-2536
Ohio	Donald M Conroy	12429 Cedar Rd. Cleve 6	YE2-7151
Ohio	Stephen J Jacobs	3537 Epley Rd. Cinc 39	JA2-6852
Pa	H J Lang	530 6th Ave. Pittsbgh 19	AT1-9651
Pa	M E Dougherty	1425 Land Title Bldg, Phila 10, Pa	LO7-7113

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ACKERMAN ENGRAVERS INC	**458 Broadway, New York, NY**	**BA7-1479**
	M Steinman #3 *50 595-895-960-1245		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ACKERMAN GOULD CO., INC.	**10 Neil Ct, Oceanside, NY**	**OR8-4110**
	A Fleury #3 *20 B 1075		
Cal	M Swift & Sons, Inc	236 N. Juanita Ave, Los Angeles, Cal	DU1-3989
Can	Rudel Machinery Co	614 St James St W, Montreal, Can	VI5-7171
For	Phillips Export Co	100 E. 42nd St, New York City 17, NY	OX6-3700

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ACKERMAN-JOHNSON CO	**625 W Jackson Blvd. Chicago 6, Ill**	**RA6-2816**
	C Eryert *30 125		
Ala	F L Bishop	333 Candler Bldg, Atlanta 3, Ga	JA4-5290
Ariz	Bax & Co	714 Lincoln St. Denver 3, Colo	
Ark	Ace Supply Co	1111 Austin St, San Antonio 8, Tex	CA3-4268
Cal	R J Sargent Co., Inc	Box 22103, Los Angeles 22, Cal	RA3-9616
Colo	Bax & Co	714 Lincoln St. Denver 3	
Conn	Surprenant Sales	1 Aldrich Rd, Wakefield, Mass	CR9-1659
Del	Metal-Aides Agents Inc	2314 N. 9th St, Philadelphia 33, Pa	ST2-4232
DC	Metal-Aides Agents Inc	2314 N. 9th St, Philadelphia 33, Pa	ST2-4232
Fla	John S McWhorter, Inc	49 NE 22nd St. Miami 37	FR9-8122
Ga	F L Bishop	333 Candler Bldg, Atlanta 3, Ga	JA4-5290
Idah	Bax & Co	714 Lincoln St. Denver 3, Colo	
Ill	Wood & Anderson Co	3001 Delmar Blvd, St. Louis 3, Mo	
Kan	Wood & Anderson Co	3001 Delmar Blvd, St. Louis 3, Mo	OL2-1669
Ky	James English Sales Co	2465 Fairmont Blvd, Cleveland Hgts, Ohio	ER1-9727
La	W D Faust	833 Howard Ave, New Orleans, La	JA2-5791
Me	Surprenant Sales	1 Aldrich Rd, Wakefield, Mass	CR9-1659
Md	Metal-Aides Agents Inc	2314 N. 9th St, Philadelphia 33, Pa	ST2-4232
Mass	Surprenant Sales	1 Aldrich Rd, Wakefield, Mass	CR9-1659
Mich	Maynard F Frazier Co	11214 Puritan Ave, Detroit 38, Mich	UN1-1524
Minn	McCulloch Sales Co	714 Portland Ave, Minneapolis 15, Minn	FE2-3644
Miss	W D Faust	833 Howard Ave, New Orleans, La	JA2-5791
Mo	Wood & Anderson Co	3001 Delmar Blvd, St. Louis 3, Mo	OL2-1669
Mont	Bax & Co	714 Lincoln St. Denver 3, Colo	
Mont	Pacific Electric Sales Co	140 S.E. 28th Ave, Portland 15, Ore	
Neb	Wood & Anderson Co	3001 Delmar Blvd, St. Louis 3, Mo	OL2-1669
Nev	Bax & Co	714 Lincoln St. Denver 3, Colo	
NH	Surprenant Sales	1 Aldrich Rd, Wakefield, Mass	CR9-1659
NJ	William J Waldron	603 Irvington Ave, Newark 6, NJ	ES4-0074
NM	Gordon W Laursen & Son	1116 Dartmouth Dr. Albuquerque	AL6-7322
NY	Ackerman-Johnson Co	55 Park Pl. New York 7	BA7-4541
NC	F L Bishop Co	333 Candler Bldg, Atlanta 3, Ga	JA4-5290
ND	McCulloch Sales Co	714 Portland Ave, Minneapolis 15, Minn	FE2-3644
Ohio	James English Sales Co	2465 Fairmont Blvd, Cleveland Hgts, Ohio	
Ohio	James English Sales Co	RD 5, Chardon	
Okla	Ace Supply Co	1111 Austin St, San Antonio 8, Tex	CA3-4268
Ore	Pacific Electric Sales Co	140 S.E. 28th Ave, Portland 15, Ore	BE5-4137
Pa	Metal-Aides Agents Inc	2314 N. 9th St, Philadelphia 33, Pa	ST2-4232
Pa	Edward D McGinley	Box 10385, Pittsburgh 34, Pa	LO1-7979
RI	Surprenant Sales	1 Aldrich Rd, Wakefield, Mass	CR9-1659
SC	F L Bishop Co	333 Candler Bldg, Atlanta 3, Ga	JA4-5290
SD	McCulloch Sales Co	714 Portland Ave, Minneapolis 15, Minn	FE2-3644
Tenn	F L Bishop Co	333 Candler Bldg, Atlanta 3, Ga	JA4-5290
Tex	Ace Supply Co	1111 Austin St, San Antonio 8, Tex	CA3-4268
Utah	Bax & Co	714 Lincoln St. Denver 3, Colo	
Vt	Surprenant Sales	1 Aldrich Rd, Wakefield, Mass	CR9-1659
Va	F L Bishop Co	333 Candler Bldg, Atlanta 3, Ga	JA4-5290
Wash	Pacific Electric Sales Co	140 S.E. 28th Ave, Portland 15, Ore	BE5-4137
W. Va	James English Sales Co	2465 Fairmont Blvd, Cleveland Hgts, Ohio	ER1-9727
Wisc	McCulloch Sales Co	714 Portland Ave, Minneapolis 15, Minn	FE2-3644
Wyo	Bax & Co	714 Lincoln St. Denver 3, Colo	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ACME BATTERY CORP	**200 Henry St, Stamford, Conn**	**DA4-4125**
	L Schab #3 *25 C 70		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
•	**ACME ELECTRIC CORP.**	**Water St, Cuba, NY**	**Cuba 4**
	C Feigel #30 *800 G 255-338-360-365-895-1330-1340-1455-1855-1860		
Ala	Hoppe & McCoy	870 Northside Dr, N.W., Atlanta 18, Ga	[illegible]
Ark	Fred Airy	4125 Perry Ave, Dallas 10, Tex	[illegible]
Ariz	K L Burton	1334 Valinda Dr, San Pedro, Cal	[illegible]
Ariz	H Jenkin Co	1907 Grand Ave, Phoenix	[illegible]
Cal	K L Burton	1334 Valinda Dr, San Pedro	[illegible]
Colo	Hubert Co., The	[illegible]	[illegible]
Conn	F V Altdorfer	Box 56, Westview Sta, Binghamton, NY	[illegible]
Conn	Rogle Chambers	29 [illegible]	[illegible]

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Del	R J Donovan	419 Hillside Rd, King of Prussia, Pa	BR9-7341
DC	C T Little	Box 248, Vienna, Va	DU5-8990
Fla	Glenn Assoc Inc	914 Langford Bldg. Miami 32	FR3-7833
Fla	Hopper & McCoy	Box 2527 Sta D, Atlanta 18, Ga	TR2-5803
Ga	Hopper & McCoy	Box 2527 Sta D, Atlanta 18, Ga	TR2-5803
Idaho	H M Denny Co	3410 16th Ave. W. Seattle 99, Wash	AT4-0530
Ill	Ross Industrial Products Inc	5306 W. Lawrence Ave, Chicago 30, Ill	MU5-0660
Ill	Halgin Sales	5920 Nall, Mission, Kan	RA2-2441
Ind	Henry Meltvedt	17404-11 Mile Rd, Roseville, Mich	PR5-6884
Ind	Ross Industrial Products Inc	5306 W. Lawrence Ave, Chicago 30, Ill	MU5-0660
Iowa	Halgin Sales	5920 Nall, Mission, Kan	RA2-2441
Kan	Halgin Sales	5920 Nall, Mission, Kan	RA2-2441
Ky	R L Varley	1032 Prospect Ave. Olean, NY	FR2-8272
Ky	Baehr-Greenleaf & Associates Inc	14700 Detroit Ave, Cleveland 7, Ohio	AC1-9030
La	Weilbaecher & Kennedy	620 Girod St. New Orleans 12	5237559
Md	R L Varley	1032 Prospect Ave. Olean, NY	FR2-8272
Me	Roger Chambers	29 Bromfield St, Wollaston 70, Mass	GR2-3086
Md	Richard J Donovan	419 Hillside Rd, King of Prussia, Pa	BR9-7341
Mass	Roger Chambers	29 Bromfield St, Wollaston 70, Mass	GR2-3086
Mich	Henry Meltvedt	17404-11 Mile Rd, Roseville, Mich	PR5-6884
Miss	Weilbaecher & Kennedy	620 Girod St. New Orleans 12, La	5237559
Mo	Halgin Sales	5920 Nall, Mission, Kan	RA2-2441
Mont	H M Denny Co	3410 16th Ave. W. Seattle 99, Wash	AT4-0530
Neb	Hiebert Co., The	5595 W. Iowa Ave, Denver 14, Colo	WA2-1973
Neb	Halgin Sales	5920 Nall, Mission, Kan	RA2-2441
Nev	K L Burton	1834 Valleta Dr. San Pedro, Cal	TE3-4211
Nev	H Jordan Co	1007 Grand Ave. Phoenix, Ariz	AL2-5183
NH	Roger Chambers	29 Bromfield St, Wollaston 70, Mass	GR2-3086
NJ	A W King	305 Prospect, S. Orange	SO3-3554
NJ	Richard J Donovan	419 Hillside Rd, King of Prussia, Pa	BR9-7341
NM	K L Burton	1834 Valleta Dr. San Pedro, Cal	TE3-4211
NM	H Jordan Co	1007 Grand Ave. Phoenix, Ariz	AL2-5183
NY	A W King	305 Prospect, S. Orange, NJ	SO3-3554
NY	Edward D Sweeney	103 Monroe Terr, Olean, NY	OL 4558
NY	R L Varley	1032 Prospect Ave. Olean	FR2-8272
NY	E D Sweeney	118 Gray Ave, Syracuse	HO3-2957
NY	Floyd Van Alstyne	Box 55, Westview Sta, Binghamton, NY	SW7-7483
NC	Barber-Ayers & Assoc	Box 570, Greensboro	2733629
Ohio	Baehr-Greenleaf & Associates Inc	14700 Detroit Ave, Cleveland 7, Ohio	AC1-9030
Okla	Fred Arey	4209 Parry Ave, Dallas 10, Tex	TA1-0567
Ore	H M Denny Co	3410 16th Ave. W. Seattle 99, Wash	AT4-0530
Pa	R L Varley	1032 Prospect Ave. Olean, NY	FR2-8272
Pa	Floyd Van Alstyne	Box 55, Westview Sta, Binghamton, NY	SW7-7483
Pa	Richard J Donovan	419 Hillside Rd, King of Prussia, Pa	BR9-7341
RI	Roger Chambers	29 Bromfield St, Wollaston 70, Mass	GR2-3086
SC	Barber-Ayers & Assoc	Box 570, Greensboro, NC	2733629
SC	Hopper & McCoy	Box 2527, Sta D, Atlanta 18, Ga	TR2-5803
Tenn	Hopper & McCoy	Box 2527, Sta D, Atlanta 18, Ga	TR2-5803
Tex	H Jordan Co	1007 Grand Ave. Phoenix, Ariz	AL2-5183
Tex	K L Burton	1834 Valleta Dr. San Pedro, Cal	TE3-4211
Tex	Fred Arey	4209 Parry Ave, Dallas 10, Tex	TA1-0567
Utah	Hiebert Co., The	5595 W. Iowa Ave, Denver 14, Colo	WA2-1973
Va	Hopper & McCoy	870 Northside Dr. NW, Atlanta 18, Ga	TR2-5803
Va	Barber-Ayers & Assoc	Box 570, Greensboro, NC	2733629
Vt	Roger Chambers	29 Bromfield St, Wollaston 70, Mass	GR2-3086
Va	Richard J Donovan	419 Hillside Rd, King of Prussia, Pa	BR9-7341
Wash	H M Denny Co	3410 16th Ave. W. Seattle 99	AT4-0530
W Va	R L Varley	1032 Prospect Ave. Olean, NY	FR2-8272
Wyo	Hiebert Co., The	5595 W. Iowa Ave, Denver 14, Colo	WA2-1973

ACME INDUSTRIAL CO. — 282 N. Loffie St, Chicago, Ill — MO6-4122
175-895-1120

ACME MODEL ENGINEERING CO — 6224 15th Ave, Brooklyn 19, NY — BE2-1310
#1 °0 A 300-615-1120-1290-1640-1780-1785

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
NY	Vertar Sales Co	2352 E. 66 St, Brooklyn 34, NY	HI4-3880
Tex	Gordon V Peck Co	4007 Bellaire Blvd, Houston 25, Tex	MO4-1435
Tex	Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18, Tex	DA1-6579

● **ACME RESIN CORP** — 1401 Circle Ave. Forest Park, Ill — FO6-0714
I Polbauer E 1290

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ariz	W P Bennett	17417 Chatsworth St. Granada Hills, Cal	EM3-8600
Cal	W P Bennett	17417 Chatsworth, Granada Hills	EM3-8600
Conn	R E Wright	28 Frost Ln. Amherst, Mass	AL3-7683
Del	R E Wright	28 Frost Ln. Amherst, Mass	AL3-7683
DC	R E Wright	28 Frost Ln. Amherst, Mass	AL3-7683
Me	R E Wright	28 Frost Ln. Amherst, Mass	AL3-7683
Md	R E Wright	28 Frost Ln. Amherst, Mass	AL3-7683
Mass	R E Wright	28 Frost Ln. Amherst	AL3-7683
NH	R E Wright	28 Frost Ln. Amherst, Mass	AL3-7683
NJ	R E Wright	28 Frost Ln. Amherst, Mass	AL3-7683
NM	W P Bennett	17417 Chatsworth, Granada Hills, Cal	EM3-8600
NY	R E Wright	28 Frost Ln. Amherst, Mass	AL3-7683
Ore	W P Bennett	17417 Chatsworth, Granada Hills, Cal	EM3-8600
Pa	R E Wright	28 Frost Ln. Amherst, Mass	AL3-7683
RI	R E Wright	28 Frost Ln. Amherst, Mass	AL3-7683
Vt	R E Wright	28 Frost Ln. Amherst, Mass	AL3-7683
Wash	W P Bennett	17417 Chatsworth, Granada Hills, Cal	EM3-8600

ACOPIAN TECHNICAL CO. — 927 Spruce St, Easton, Pa — BL8-6149
J F Whitaker #3 °40 C 1340

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	Henry Feldman Co	Box 66367, Los Angeles 66, Cal	
Conn	American Dynamics Corp	146 Main St, Maynard, Mass	
Me	American Dynamics Corp	146 Main St, Maynard, Mass	
Mass	American Dynamics Corp	146 Main St, Maynard, Mass	
NY	American Dynamics Corp	146 Main St, Maynard, Mass	
Pa	Beil & Whitaker	3623 Jacksonwald Ave, Reading, Pa	FR5-6837
RI	American Dynamics Corp	146 Main St, Maynard, Mass	

ACOUSTICA ASSOCIATES INC — 10400 Aviation Blvd, Los Angeles 45, Cal — OR0-3393
A Miller #40 °700 F 120-240-338-360-410-565-825-870-895-1125-1850-1915

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Electronic Engineering	278 Commercial St, Montgomery 4, Ala	AM2-2932
Alas	Van Waters & Rogers, Inc	2625 Skeena St. Vancouver 12, BC	HE3-0521
Ariz	Braun Chemical Co	Box 1413, Phoenix	AL8-1511
Ark	Harry Hill Assoc	442 Intl Trade Mart, New Orleans, La	MA2638
Cal	Braun-Knecht-Heimann Co	1400 16th St, San Francisco 19, Cal	HE1-8800
Colo	Production Control Sales	623 University Bldg. Denver 2	CH4-0445
Conn	Suel Assoc	2407 Dixwell Ave. Hamden	
Del	J J Maguire Co	742 Investment Bldg, Washington 5, DC	NA8-4247
DC	J J Maguire Co	742 Investment Bldg, Washington 5, DC	NA8-4247
Fla	Q C Eqpt Sales	610 N Orange Dr. Orlando	GA2-0495
Ga	Scientific Products	Chamblee	
Haw	Braun-Knecht-Heimann Co	1637 Kapiolani Blvd. Honolulu 14	
Idaho	Braun-Knecht-Heimann Co	1400 16th St, San Francisco 19, Cal	HE1-8800
Idaho	Scientific Supplies Co	600 Spokane St, Seattle 4, Wash	MU2-3460
Ill	Russ-Cattell & Co	8000 W 47th St. Lyons	
Ind	Finishing Eqpt Co	719 S Preston St. Louisville 3, Ky	JU3-7571
Iowa	C G Crosby & Associates Inc	Box 6355, Richfield Sta, Mnnpls 23, Minn	TA2-0353
Ky	Finishing Eqpt Co	719 S Preston St. Louisville 3	JU3-7571
La	Harry Hill Assoc. Inc	442 Intl Trade Mart, New Orleans	MA2638
Me	Session-Gifford Co. Inc	7 Charlton St. Everett 49, Mass	DU7-0076
Md	J J Maguire Co	742 Investment Bldg. Wash 5, DC	NA8-4247
Mass	Scientific Products	101 3rd Ave. Waltham 54	
Mich	Dayton Assoc	15332 Kennebec Ave. Southgate	
Minn	C G Crosby & Associates Inc	P.O. Box 6355, Richfield Sta, Minnpls	TA2-0353
Miss	Harry Hill Assoc. Inc	442 Intl Trade Mart, New Orleans, La	MA2638
Mo	A H MacGregor	102 W. Lockwood Ave, Webster Groves, Mo	
Mont	Scientific Supplies Co	600 Spokane St, Seattle 4, Wash	MU2-3460
Neb	C G Crosby & Associates Inc	P.O. Box 6355, Richfield Sta, Minnpls, Minn	TA2-0353
Nev	Van Waters & Rogers Inc	2625 Skeena St. Vancouver, BC	HE3-0521
NH	Sessions-Gifford Co. Inc	7 Charlton St. Everett 49, Mass	DU7-0076
NJ	James Clarke Co	422 73rd St. North Bergen	UN5-5851
NM	Braun Chemical Co	324 Industrial Ave. NE, Albuquerque	CH3-1701
NY	Acoustica Assoc. Inc	463 Old Country Rd. Westbury	
NC	Electro-Motion Corp	217 W Morehead St. Charlotte	ED2-8119
ND	C G Crosby & Associates Inc	P.O. Box 6355, Richfield Sta, Minnpls, Minn	TA2-0353
Ohio	Dayton Assoc	3017 Snow Rd. Cleveland 34	
Okla	Allied Components Inc	Box 10203, Dallas 7, Tex	
Ore	Scientific Products	3950 NW Yeon Ave. Portland 10	CA2-1721
Pa	A H Thomas Co	Vine St. at 3rd, Philadelphia 6	MA7-5600
SC	Electro-Motion Corp	501 E. North St, Greenville, SC	CE5-1152
SD	C G Crosby & Associates Inc	P.O. Box 6355, Richfield Sta, Minnpls, Minn	TA2-0353
Tenn	Electro-Motion Corp	501 E. North St, Greenville, SC	CE5-1152
Tex	Braun Chemical Co	1309 Texas St, El Paso, Tex	KE3-3497
Utah	Braun-Knecht-Heimann Co	1400 16th St, San Francisco 19, Cal	HE1-8800
Va	Electro-Motion Corp	501 E. North St, Greenville, SC	CE5-1152
Va	J J Maguire Co	742 Investment Bldg. Wash 5, DC	NA8-4247
Wash	Scientific Supplies Co	600 Spokane St, Seattle 4, Wash	MU2-3460
Wisc	Scientific Products	4513 N. Murray, Whitefish Bay, Wisc	
Wisc	C G Crosby & Associates Inc	P.O. Box 6355, Richfield Sta, Minn 23	TA2-0353
Canada	Van Waters & Rogers	2625 Skeena St, Vancouver 12, BC, Canada	

ACRO DIV. ROBERTSHAW FULTON CONTROLS CO — 2025 E. Main Columbus 16, Ohio — CL3-8531
R Gage °400 E 1165-1640-1735

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	J E Joyner	P.O. Box 10821, Atlanta, Ga	
Ariz	H G Shaffer	P.O. Box 1587, Phoenix, Ariz	PH2-4487
Ark	Tom Stone	Box 1361, Knoxville, Tenn	
Cal	F Alleman	1625 Blake Ave. LA	CA2-8128
Cal	Fisher Switch Inc	40 Gough St. SF	UN1-2650
Colo	C P Elliott	661 Delaware St, Denver 4, Colo	
Del	Acro Div	4 Hillcrest Ave, Hawthorne, NJ	HA7-6922
DC	Acro Div	4 Hillcrest Ave, Hawthorne, NJ	HA7-6922
Fla	J E Joyner & Associates	P.O. Box 10821, Atlanta 10, Ga	
Hawaii	Acro Div	6215 Dempster Ave, Morton Grove, Ill	OR4-6900
Idaho	C B Parsons	3028 First Ave, Seattle, Wash	MU3933
Ill	Acro Div	6215 Dempster Ave. Morton Grove	OR4-6900
Iowa	Acro Div	6215 Dempster Ave, Morton Grove, Ill	OR4-6900
Kan	Acro Div	6215 Dempster Ave, Morton Grove, Ill	OR4-6900
La	Tom Stone	P.O. Box 1361, Knoxville, Tenn	
Md	Acro Div	6215 Dempster Ave, Morton Grove, Ill	OR4-6900
Mich	Acro Div	8406 W. McNichols, Detroit 2, Mich	UN3-2400
NJ	Acro Div	4 Hillcrest Ave, Hawthorne, NJ	HA7-6922
NY	Acro Div	4 Hillcrest Ave, Hawthorne, NJ	HA7-6922
Ohio	Acro Div	2040 E. Main St. Columbus 16	CL3-8531
Tenn	T S Stone	Box 1361, Knoxville	
Wash	C B Parsons	3028 1st Ave. Seattle	MU 3933

ACRO ELECTRONIC PRODS. CO — 410 Shurs La. Phila 28, Pa — IV3-1661
A Kornos #3 °10 320-840-895-955-1865

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ark	Spivey-Cole Co	Box 504, Denton, Tex	DU2-6017
Cal	B Cahn	823 Lake St. SF	SU1-7981
Cal	Pacific Audio Sales	933 S Broadway, LA	RI9-7911
Conn	L Cohen Sales Co	185 Windsor Rd. Fairfield	PR3-1298
Del	H Goodman	401 W. Mt. Airy Ave. Phila 19, Pa	CH7-7116
DC	H Goodman	401 W. Mt. Airy Ave. Phila 19, Pa	CH7-7116
Fla	T Sharaf Assoc	4100 Lincoln St. Hollywood	YU9-8200
Haw	B Cameron Sales	Box 8182, Honolulu	
Ill	L F Green & Assoc	5218 W. Diversey Ave. Chicago 39	AV6-6824
Ind	L F Green & Assoc	5218 W. Diversey Ave. Chicago 39, Ill	AV6-6824
Iowa	A K Elliott Co	211 Westport Rd. KC 11, Mo	
Kan	A K Elliott Co	211 Westport Rd. KC 11, Mo	
Ky	L F Green & Assoc	5218 W. Diversey Ave. Chicago 39, Ill	AV6-6824
La	Spivey-Co'e Co	Box 504, Denton, Tex	DU2-6017
Me	L Cohen Sales Co	185 Windsor Rd. Fairfield, Conn	PR3-1298
Md	H Goodman	401 W. Mt. Airy Ave. Phila 19, Pa	CH7-7116
Mass	L Cohen Sales Co	185 Windsor Rd. Fairfield, Conn	PR3-1298
Mich	Saker Sales Co	1541 Mars Ave. Cleve 7, Ohio	AC6-0869
Mo	A K Elliott Co	211 Westport Rd. KC 11	
Neb	A K Elliott Co	211 Westport Rd. KC 11, Mo	
NH	L Cohen Sales Co	185 Windsor Rd. Fairfield, Conn	PR3-1298
NJ	H Goodman	401 W. Mt. Airy Ave. Phila 19, Pa	CH7-7116
NJ	Pinz Sales Co	15 Elmwood Ave. White Plains, NY	
NY	Pinz Sales Co	15 Elmwood Ave. White Plains	
Ohio	Saker Sales Co	1541 Mars Ave. Cleve 7	AC6-0869
Okla	Spivey-Cole Co	Box 504, Denton, Tex	DU2-6017
Okla	Spivey-Cole Co	Box 504, Denton, Tex	DU2-6017
Pa	Saker Sales Co	1541 Mars Ave. Cleve 7, Ohio	AC6-0869
Pa	H Goodman	401 W. Mt. Airy Ave. Phila 19	CH7-7116
RI	L Cohen Sales Co	185 Windsor Rd. Fairfield, Conn	PR3-1298
Tex	Spivey-Co'e Co	Box 504, Denton	DU2-6017
Vt	L Cohen Sales Co	185 Windsor Rd. Fairfield, Conn	PR3-1298
Va	H Goodman	401 W. Mt. Airy Ave. Phila 19, Pa	CH7-7116
Wis	L F Green & Assoc	5218 W. Diversey Ave. Chicago 39, Ill	AV6-6824
For	E D Magnus & Assoc	188 W. Randolph St. Chicago 1, Ill	FR2-3785

● **ACROMAG INC** — 22515 Telegraph Rd, Southfield, Mich — EL7-0030
J Nugent #5 °20 320-895-1145-1420

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	E C Raymond & Associates	P.O. Box 8215, Madeira Beach, Fla	7-6126
Ariz	Westron Sales & Engineering	7407 Melrose Ave, Los Angeles 46, Cal	WE3-7276
Cal	Westron Sales & Engineering	7407 Melrose Ave, Los Angeles 46, Cal	WE3-7276
Cal	Westron Sales & Eng	201 Town & Country Village, Palo Alto	DA1-7042
Conn	Bordewieck Engineering Sales Co	221 Grove St, Braintree, Mass	VI3-0845
Del	Horman Associates	3006 W. Cold Spring Ln, Baltimore, Md	MO4-8345
DC	Horman Associates	941 Rollins Ave, Rockville, Md	HA7-7560
Fla	E C Raymond & Associates	P.O. Box 8215, Madeira Beach, Fla	7-6126
Ga	E C Raymond & Associates	P.O. Box 8215, Madeira Beach, Fla	7-6126
Ill	Dave Hausten Co	607 E. Willow St, Wheaton, Ill	MO8-7313
Me	Bordewieck Engineering Sales Co	221 Grove St, Braintree, Mass	VI3-0845
Md	Horman Associates	3006 W. Cold Spring Ln, Baltimore, Md	MO4-8345
Mass	Bordewieck Engineering Sales Co	221 Grove St, Braintree, Mass	VI3-0845
Mich	Harold C Heym	22515 Telegraph Rd, Southfield	EL7-0030
Minn	Engineering Products Assoc	1821 University Ave, St Paul 4	MI6-3443
Mo	Russ D Sebright & Co	7120 W. Florissant Ave, St Louis 20, Mo	CO1-0055
Nev	Westron Sales & Engineering	7407 Melrose Ave, Los Angeles 46, Cal	WE3-7276
NH	Bordewieck Engineering Sales Co	221 Grove St, Braintree, Mass	VI3-0845
NJ	John W Richardt Co	Rt 46, Pinebrook, NJ	CA8-0600
NY	John W Richardt Co	Rte 46, Pinebrook, NJ	CA8-0600
NC	E C Raymond & Associates	5412 Hilltop Circle, Charlotte, NC	ED3-2827
Ohio	Kilroy-Whelan Corp	P.O. Box 365, Chagrin Falls, Ohio	CH7-4032
Pa	Beebe & Aikman	237 Lancaster Ave, Devon, Pa	MU8-5173
RI	Bordewieck Engineering Sales Co	221 Grove St, Braintree, Mass	VI3-0845
SC	E C Raymond Associates	5412 Hilltop Circle, Charlotte, NC	ED3-2827
Tex	Ammon & Champion	2714 Bomar St, Dallas 4, Tex	FL7-3939
Utah	Electronic Components Sales, Inc	544 E 4800 S, Salt Lake City, Utah	AM6-2930
Vt	Bordewieck Engineering Sales Co	221 Grove St, Braintree, Mass	VI3-0845
Va	Horman Associates	941 Rollins Ave, Rockville, Md	HA7-7560
Wisc	Dave Hausten Co	607 E. Willow St, Wheaton, Ill	MO8-7313
Can	Miller Engrg & Sales Co	676 Richmond St W, Toronto, Ont	EM3-7207

ACROMARK CO, THE — 323 Morrell St, Elizabeth 4, N J — EL2-6500
W Schmidt #3 °50 C 890-895-1075-1150-1295-1965

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ark	Harry Jarrett	P.O. Box 275, Dallas 21, Tex	
Cal	Montague-Harris & Co	893 Folsom St, San Francisco 7, Cal	YU2-4365
Cal	Montague-Harris & Co	5301 Pacific Blvd, Huntington Park, Cal	LU3-2331
Conn	N P Hallenbeck Co	Baker Rd, Vernon, Conn	TR5-4390
Del	C W Thomas	4540 North St, Philadelphia 24, Pa	PI4-3100
Ill	Midwest Technical Sales & Service	P.O. Box 61, Downers Grove, Ill	WO8-4343
Ind	Midwest Technical Sales & Service	P.O. Box 61, Downers Grove, Ill	WO8-4343
La	Harry Jarrett	P.O. Box 275, Dallas 21, Tex	
Md	C W Thomas	4540 North St, Philadelphia 24, Pa	PI4-3100
Mass	N P Hallenbeck Co	Baker Rd, Vernon, Conn	TR5-4390
Mich	Scott Engineering Sales Co	20026 James Couzens, Detroit 35, Mich	BR3-5353
Minn	Midwest Technical Sales & Service	P.O. Box 61, Downers Grove, Ill	WO8-4343
NJ	C W Thomas	4540 North St, Philadelphia 24, Pa	PI4-3100
NY	A D Supply Inc	36 Vick Park A, Rochester 7, NY	GR3-3810
Ohio	Scott Engineering Sales Co	20026 James Couzens, Detroit 35, Mich	BR3-5353
Okla	Harry Jarrett	P.O. Box 275, Dallas 21, Tex	
Pa	C W Thomas	4540 North St, Philadelphia 24, Pa	PI4-3100
Tex	Harry Jarrett	P.O. Box 275, Dallas 21, Tex	
Wisc	Midwest Technical Sales & Service	P.O. Box 61, Downers Grove, Ill	WO8-4343
Can	W S Wood Machinery Ltd	Imperial Life Tower, Toronto, Ont	EM4-3108

ACROSCOPE ENGINEERING CO. — 1001 E. Manchester Ave, L A 1, Cal — LU3-2241
1285-1290

ACTIONCRAFT PRODUCTS — 2 Yennicock Ave, Port Washington, NY — PO7-4500
W Murphy #4 °35 1190-1290-1295-1755-1965

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Emory Design & Equipment Co	Box 9013, Birmingham, Ala	
Fla	Emory Design & Equipment Co	Box 507, Bradenton, Fla	
Ga	Emory Design & Equipment Co	Box 9013, Birmingham, Ala	
Ill	Robert J Kennedy	6713 N. Oliphant, Chicago 31, Ill	
Ind	Robert J Kennedy	6713 N. Oliphant, Chicago 31, Ill	
Iowa	Robert J Kennedy	6713 N. Oliphant, Chicago 31, Ill	
Mass	Jack D Decker	40 Berkley St. Waltham 54	TW3-2682
NJ	Markat Co	P.O. Box 7, Bellrose 26, NY	
NY	Markat Co	P.O. Box 7, Bellrose 26, NY	
Tenn	Emory Design & Equipment	Box 9013, Birmingham, Ala	
Wisc	Robert J Kennedy	6713 N. Oliphant, Chicago 31, Ill	

ACTUATOR PRODUCTS DIV OF GEARTRONICS — 34 Nashua St, Woburn, Mass — WE3-1400
J Lyman #5 °110 E 20-25-310-390-535-895-1560

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ariz	McDowell Co	Box 1248, Modesto, Cal	LA4-1735
Ark	Mid-Continent Supply Co	Mid-Continent Bldg, Forth Worth, Tex	EB2-4484
Cal	McDowell Co	Box 1248, Modesto	LA4-1735
Colo	McDowell Co	Box 1248, Modesto, Cal	LA4-1735
Conn	Instrument Sales Co	75 Gore St, Cambridge, Mass	TR6-1661
Fla	DuBovy Assoc	610 N. Orange Ave. Orlando	CH1-1884
Ga	Ranson Wallace & Co	116½ E. Fourth St, Charlotte 2, NC	ED4-4244
Idah	McDowell Co	Box 1248, Modesto, Cal	LA4-1735
La	R L Wilson Co	6707 Texarkana, Houston 20, Tex	OR2-7426
Me	Instrument Sales Co	75 Gore St, Cambridge, Mass	TR6-1661
Mass	Instrument Sales Co	75 Gore St, Cambridge, Mass	TR6-1661
Mont	McDowell Co	Box 1248, Modesto, Cal	LA4-1735
Nev	McDowell Co	Box 1248, Modesto, Cal	LA4-1735
NH	Instrument Sales Co	75 Gore St, Cambridge, Mass	TR6-1661
NM	McDowell Co	Box 1248, Modesto, Cal	LA4-1735
NY	Berea-Vipond	P.O. Box 6, Berea, Ohio	BE4-1919
NC	Ranson, Wallace & Co	116-1/2 E. Fourth St, Charlotte 2, NC	ED4-4244
Ohio	Berea-Vipond Co	P.O. Box 6, Berea, Ohio	BE4-1919
Okla	Mid-Continent Supply Co	Mid-Continent Bldg, Fort Worth, Tex	EB2-4484
Ore	McDowell Co	Box 1248, Modesto, Cal	LA4-1735
Pa	Berea-Vipond	P.O. Box 6, Berea, Ohio	BE4-1919
RI	Instrument Sales Co	75 Gore St, Cambridge, Mass	TR6-1661
SC	Ranson Wallace & Co	116-1/2 E. Fourth St, Charlotte 2, NC	ED4-4244
Tenn	Ranson Wallace & Co	116-1/2 E. Fourth St, Charlotte 2, NC	ED4-4244
Tex	R L Wilson Co	6707 Texarkana, Houston 20, Tex	OR2-7426
Tex	Mid-Continent Supply	Mid-Continent Bldg, Forth Worth, Tex	EB2-4484
Utah	McDowell Co	Box 1248, Modesto, Cal	LA4-1735
Vt	Instrument Sales Co	75 Gore St, Cambridge, Mass	TR6-1661
Va	Ranson Wallace & Co	116-1/2 E. Fourth St, Charlotte 2, NC	ED4-4244
Wash	McDowell Co	Box 1248, Modesto, Cal	LA4-1735
Wyo	McDowell Co	Box 1248, Modesto, Cal	LA4-1735

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	ADAGE INC	**292 Main St, Cambridge, Mass.**	**UN4-6620**
	M Dresser #18 *125 E 330-338-340-475-895		
Ariz	J T Hill Co	318 N. State Ave, Phoenix, Ariz	CR7-[illegible]
Cal	J T Hill Co	[illegible] Laurel St, San Carlos, Cal	LY3-7693
Cal	J T Hill Co	[illegible] Bacon St, San Diego, Cal	AC3-7133
Cal	J T Hill Co	420 E. Pine St, San Gabriel, Cal	AT7-[illegible]
Cal	Adage, Inc	1145 E Ash Ave, Fullerton	TR1-2461
Colo	Kelley Enterprises	336 E. 4th St, Loveland, Colo	
Conn	George Gustenhofer & Associates	7 Wellington St, Waltham, Mass	TW4-9500
Ill	Walter F Marsh & Assocs, Inc	244 Chicago Ave, Oak Park	E[illegible]-2967
Me	George Gustenhofer & Associates	7 Wellington St, Waltham, Mass	TW4-9500
Mass	George Gustenhofer & Associates	7 Wellington St, Waltham, Mass	TW4-9500
NH	George Gustenhofer & Associates	7 Wellington St, Waltham, Mass	TW4-9500
NJ	Bradley Assoc	9 Dash Pl, New York 63, NY	KI9-8500
NY	Bradley Assoc	9 Dash Pl, New York 63	KI9-8500
NY	DB Assoc	PO Box 284, De Witt 14	GI6-0220
RI	George Gustenhofer & Associates	7 Wellington St, Waltham, Mass	TW4-9500
Vt	George Gustenhofer & Associates	7 Wellington St, Waltham, Mass	TW4-9500
Sweden	A B H Nordenfelt Co	Sveavägen 29, Stockholm, Sweden	
England	Linbronic, Limited	47 Charing Cross Rd, London, W C, 2, England	
	ADALET MFG CO	**14300 Lorain Ave, Cleveland 11, Ohio**	**CL1-3412**
	J Larsen *65 175-230		
Ala	Walter M Hinson	1160 Johnson Ferry, N.E. Atlanta 5, Ga	TR4-0362
Ark	W H Mc Adams Co	6115 Denton Dr, Dallas 35, Tex	FL2-1551
Cal	John H Ormond	600 16 St, Oakland 12, Cal	TW3-3235
Colo	Jim Dawson Co	561 Delaware St, Denver 4, Colo	AL5-7194
Conn	C C Pierce Co., Inc	409 Dorchester Ave, Boston 27, Mass	AN8-8817
Del	L Philip Ertel	32 S Arch Sts, Philadelphia 4, Pa	EV6-0641
Ga	Walter M Hinson	1160 Johnson Ferry, N.E. Atlanta 5, Ga	TR4-0362
Ill	Kotek-Crossley Co	15 N. Jefferson St, Chicago 6, Ill	ST2-6601
Ind	Bennett Elec Sales Co	303 E 38th St, Indpls 5	WA5-0125
Ky	Lewsman Sales Co., Inc., C J	406 Elm St, Cincinnati 2, Ohio	MA1-8624
Mass	C C Pierce Co., Inc	409 Dorchester Ave, Boston 27, Mass	AN8-8817
Me	C C Pierce Co., Inc	409 Dorchester Ave, Boston 27, Mass	AN8-8817
Mich	Vincent P Adams	18877 Parkside, Detroit 21, Mich	UN3-4507
Nev	John H Ormond	600 16 St, Oakland 12, Cal	TW3-3235
NH	C C Pierce Co., Inc	409-411 Dorchester Ave, Boston 27, Mass	AN8-8817
NJ	W Schofield Assoc	5207 Broadway, N Y 34, N Y	LO9-1600
NJ	L Philip Ertel	32 S Arch Sts, Philadelphia 4, Pa	EV6-0641
NM	John Carder Jr Co	1624 1st St, N.W., Albuquerque, NM	CH2-3581
NY	W D Schofield Assoc	5207 Broadway, NY 34, NY	LO9-1600
NY	Vincent J Brown Co	27 Eastern Ave, Syracuse 6, NY	HO3-9161
NY	V J Brown Co	564 Ellicott Square, Buffalo 3, NY	TL2-1122
NY	E Lund	15 Cuthbert St, Scotia 2, NY	FR4-3772
NC	Hammond & Hasbrouck Co	1109 N Alexander St, Charlotte 5, NC	ED2-7535
Ohio	Ronald E Grinder	220 Highland Rd, Pittsburgh 35, Pa	CH2-3533
Ohio	Lewsman Sales Co., Inc., C J	406 Elm St, Cincinnati 2, Ohio	MA1-8624
Okla	W H Mc Adams Co	6115 Denton Dr, Dallas 35, Tex	FL2-1551
Pa	Ronald E Grinder	220 Highland Rd, Pittsburgh 35, Pa	CH2-3533
Pa	L Philip Ertel	32 S Arch Sts, Philadelphia 4, Pa	EV6-0641
RI	C C Pierce Co., Inc	409-411 Dorchester Ave, Boston 27, Mass	AN8-8317
Tenn	Chas S Tubbyville	935-1 Woodland Ave, Knoxville, Tenn	5-0588
Tex	W H McAdams Co	6115 Denton Dr, Dallas 35, Tex	FL2-1551
Tex	John Carder Jr Co	1624 1st St, N.W., Albuquerque, NM	CH2-3581
Vt	C C Pierce Co., Inc	409-411 Dorchester Ave, Boston 27, Mass	AN8-8817
W. Va	Ronald E Grinder	220 Highland Rd, Pittsburgh 35, Pa	CH2-3533
Wisc	A W Schwind Co	324 E. Second St, Milwaukee, Wisc	BR3-6260
Wyo	Jim Dawson Co	561 Delaware St, Denver 4, Colo	AL5-7194
	ADAMS-RUSSELL CO., INC	**200 Sixth St, Cambridge 42, Mass**	**UN8-0040**
	N Van Dine #5 B 45-325-670-1135-1735		
Ark	Thomson Eng Service	8230 Forsyth Blvd. St Louis 5, Mo	PA7-7705
Colo	F Y Gates Co	3195 S Bannock St. Englewood	SU1-8556
Conn	Dynamic Devices, Inc	75 Wilcox St. Milford	DR8-0436
Del	F R Jodon, Inc	4922 St Elmo Ave. Bethesda 14, Md	OL2-5110
DC	F R Jodon, Inc	3409 Burridge Rd. Baltimore, Md	NO8-1933
Fla	DuBowy Assoc	610 N Orange Ave. Orlando	CH1-1684
Ga	DuBowy Assoc	610 N Orange Ave. Orlando, Fla	CH1-1684
Ill	J J Indra Sales Co	5117 N Oconto Ave. Chicago 31	UN7-8524
Ind	J J Indra Sales Co	5117 N Oconto Ave. Chicago 31, Ill	UN7-8524
Iowa	Thomson Eng Service	8230 Forsyth Blvd. St Louis 5, Mo	PA7-7705
Kan	Thomson Eng Service	8230 Forsyth Blvd. St Louis 5, Mo	PA7-7705
La	Thomson Eng Service	8230 Forsyth Blvd. St Louis 5, Mo	PA7-7705
Me	Dynamic Devices, Inc	11 Albion St. Wakefield, Mass	CR6-6049
Md	F R Jodon, Inc	4922 St Elmo Ave. Bethesda 14	OL2-5110
Mass	Dynamic Devices, Inc	11 Albion St. Wakefield	CR6-6049
Mo	Thomson Eng Service	8230 Forsyth Blvd. St Louis 5	PA7-7705
NH	Dynamic Devices, Inc	11 Albion St. Wakefield, Mass	CR6-6049
NM	F Y Gates Co	122 Harvard Dr, SE, Albuquerque	CH3-[illegible]
NY	H C Johnson Agencies, Inc	111 Mt Hope Ave. Rochester 20	HA6-1090
Okla	Thomson Eng Service	8230 Forsyth Blvd. St Louis 5, Mo	PA7-7705
Ore	Paramount Technical Agencies	5210 20th St. NW, Seattle 7, Wash	SU4-6447
Pa	H C Johnson Agencies, Inc	111 Mt Hope Ave. Rochester 20, NY	HA6-1090
RI	Dynamic Devices, Inc	11 Albion St. Wakefield, Mass	CR6-6049
Tex	Thomson Eng Service	2620 Oak Lawn, Dallas 19	LA6-8741
Utah	F Y Gates Co	200 S Main St. Salt Lake City 1	EL9-1101
Vt	Dynamic Devices, Inc	11 Albion St. Wakefield, Mass	CR6-6049
Va	F R Jodon, Inc	4922 St. Elmo Ave. Bethesda 14, Md	OL2-5110
Wash	Paramount Technical Agencies	5210 20th St. NW, Seattle 7	SU4-6447
Wis	J J Indra Sales Co	5117 N Oconto Ave. Chicago 31, Ill	UN7-8524
Wyo	F Y Gates Co	200 S Main St. Salt Lake City 1, Utah	EL9-1101
For	Intl Electro-Comp Co	PO Box 353, Pine Brook, NJ	CA6-3493
	ADAMS & WESTLAKE CO, THE	**1025 N Michigan St, Elkhart, Ind**	**CO4-1141**
	C Goshorn #2 1460		
Cal	T R Rouse Co., The	1100 California Dr. Burlingame	DI2-4147
Cal	A W Nash Co	2112 S. Atlantic Blvd, Los Angeles 22	AN9-7304
Colo	Alton, Whalen & Co	Denver Club Bldg, Denver 2, Colo	AC2-2236
Mass	L C Pelkus & Co, Inc	204 Worcester St Rt 9 Wellesley Hills 81	CE5-[illegible]
Mich	R Jenkins	12534 Ludlow Ave, Huntington Woods	LI2-5059
Mo	Wells-White Co	569 Melville, St Louis 30	PA6-2511
NY	Wally E Swank Inc	2120 Bellevue Ave, Syracuse 4, NY	GR8-2141
Ohio	S Vereb	P O Box 4424, 4619 E 93rd St, Clev 25	VU3-[illegible]
Pa	W Henry Condray Sales Co	Barclay Bldg, Bala Cynwyd	MO4-3344
Pa	Russell F Clark Co	Clark Bldg, Pittsburgh 22, Pa	AT1-[illegible]-90

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Tex	The William E Bruce Co	303 Bastrop, Houston 3, Tex	CA[illegible]
Wash	C B Parsons & Co	3031 First Ave, Seattle 1, Wash	MU2-67[illegible]
For	Lisle Inst Systems, Ltd	805 Wilson Ave, Downsview, Ont	ME5-0131
	ADCOLE CORP	**186 Mass. Ave. Cambridge, Mass**	**UN4-5630**
	H Lowell #8 *23 C 330-338-895-1660-1810		
	ADCON DIV WAYNE-GEORGE CORP	**588 Commonwealth Ave, Boston 15, Mass**	**CO7-8425**
	S Kennedy #20 *85 E 338-895-1850		
Ariz	Wright Eng. Co	180 E. Cal. Blvd. Pasadena, Cal	MU1-8488
Cal	Wright Eng. Co	180 E. Cal. Blvd. Pasadena	MU1-8488
Cal	Wright Eng. Co	126 25th Ave. San Mateo	FI5-3157
Nev	Wright Eng. Co	180 E. California Blvd., Pasadena, Cal	MU1-8488
	ADDO-X INC	**300 Park Ave, New York 22, NY**	**PL5-5420**
	N Arnheim #100 *3000 C 338		
	ADDRESSOGRAPH-MULTIGRAPH CORP ELECTRONICS DIV	**1200 Babbitt Rd, Cleveland 17, Ohio**	**RE1-8000**
	J Conway #251 *8699 G 338-895		
Ala	Addressograph-Multigraph Corp	1101 Lakeside Ave. Cleve 14, Ohio	TO1-3388
Alas	Addressograph-Multigraph Corp	1200 Babbitt Rd. Cleve 17, Ohio	RE1-8000
Ariz	Addressograph-Multigraph Corp	3020 Wilshire Blvd. L A 5, Cal	DU1-3331
Ark	Addressograph-Multigraph Corp	444 N Wabash Ave. Chicago 11, Ill	WH4-2025
Cal	Addressograph-Multigraph Corp	3020 Wilshire Blvd. L A 5	DU1-3331
Colo	Addressograph-Multigraph Corp	3020 Wilshire Blvd. L A 5, Cal	DU1-3331
Conn	Addressograph-Multigraph Corp	444 5th Ave. New York 18, NY	LO5-0100
Del	Addressograph-Multigraph Corp	1206 New Hampshire Ave. NW, Wash, DC	FE7-4000
DC	Addressograph-Multigraph Corp	1206 New Hampshire Ave, N.W., Wash 6	FE7-4000
Fla	Addressograph-Multigraph Corp	1206 New Hampshire Ave. NW, Wash, DC	FE7-4000
Ga	Addressograph-Multigraph Corp	1206 New Hampshire Ave. NW, Wash, DC	FE7-4000
Haw	Addressograph-Multigraph Corp	1200 Babbitt Rd. Cleveland 17, Ohio	RE1-8000
Idah	Addressograph-Multigraph Corp	3020 Wilshire Blvd. L A 5, Cal	DU1-3331
Ill	Addressograph-Multigraph Corp	444 N. Wabash Ave, Chicago 11, Ill	WH4-2025
Ind	Addressograph-Multigraph Corp	1101 Lakeside Ave. Cleveland 14, Ohio	TO1-3388
Iowa	Addressograph-Multigraph Corp	444 N Wabash Ave. Chicago, Ill	WH4-2025
Kan	Addressograph-Multigraph Corp	444 N Wabash Ave. Chicago, Ill	WH4-2025
Ky	Addressograph-Multigraph Corp	1101 Lakeside Ave. Cleveland 14, Ohio	TO1-3388
La	Addressograph-Multigraph Corp	444 N Wabash Ave. Chicago 11, Ill	WH4-2025
Me	Addressograph-Multigraph Corp	221 Columbus Ave. Boston 16, Mass	CO6-3320
Md	Addressograph-Multigraph Corp	1206 New Hampshire Ave. NW, Wash, DC	FE7-4000
Mass	Addressograph-Multigraph Corp	221 Columbus Ave. Boston 16	CO6-3320
Mich	Addressograph-Multigraph Corp	5740 Cass Ave. Detroit 2	TR3-1500
Minn	Addressograph-Multigraph Corp	444 N Wabash Ave. Chicago 11, Ill	WH4-2025
Miss	Addressograph-Multigraph Corp	1101 Lakeside Ave. Cleveland 14, Ohio	TO1-3388
Mo	Addressograph-Multigraph Corp	444 N Wabash Ave. Chicago 11, Ill	WH4-2025
Mont	Addressograph-Multigraph Corp	3020 Wilshire Blvd. L A 5, Cal	DU1-3331
Neb	Addressograph-Multigraph Corp	444 N Wabash Ave. Chicago 11, Ill	WH4-2025
Nev	Addressograph-Multigraph Corp	3020 Wilshire Blvd. L A 5, Cal	DU1-3331
NH	Addressograph-Multigraph Corp	221 Columbus Ave. Boston 16, Mass	CO6-3320
NJ	Addressograph-Multigraph Corp	444 5th Ave. New York 18, NY	LO5-0100
NM	Addressograph-Multigraph Corp	3020 Wilshire Blvd. L A 5, Cal	DU1-3331
NY	Addressograph-Multigraph Corp	444 5th Ave, New York 18, NY	LO5-0100
NC	Addressograph-Multigraph Corp	1206 New Hampshire Ave. NW, Wash 6, DC	FE7-4000
ND	Addressograph-Multigraph Corp	444 N Wabash Ave. Chicago 11, Ill	WH4-2025
Ohio	Addressograph-Multigraph Corp	1101 Lakeside Ave. Cleveland 14	TO1-3388
Okla	Addressograph-Multigraph Corp	444 N Wabash Ave. Chicago 11, Ill	WH4-2025
Ore	Addressograph-Multigraph Corp	3020 Wilshire Blvd. L A 5, Cal	DU1-3331
Pa	Addressograph-Multigraph Corp	1206 New Hampshire Ave. NW, Wash 6, DC	FE7-4000
RI	Addressograph-Multigraph Corp	221 Columbus Ave. Boston, Mass	CO6-3320
SC	Addressograph-Multigraph Corp	1206 New Hampshire Ave. NW, Wash 6, DC	FE7-4000
SD	Addressograph-Multigraph Corp	444 N Wabash Ave. Chicago 11, Ill	WH4-2025
Tenn	Addressograph-Multigraph Corp	1101 Lakeside Ave. Cleveland 14, Ohio	TO1-3388
Tex	Addressograph-Multigraph Corp	444 N Wabash Ave. Chicago, Ill	WH4-2025
Utah	Addressograph-Multigraph Corp	3020 Wilshire Blvd. L A 5, Cal	DU1-3331
Vt	Addressograph-Multigraph Corp	221 Columbus Ave. Boston 16, Mass	CO6-3320
Va	Addressograph-Multigraph Corp	1206 New Hampshire Ave. NW, Wash 6, DC	FE7-4000
Wash	Addressograph-Multigraph Corp	3020 Wilshire Blvd. L A 5, Cal	DU1-3331
W Va	Addressograph-Multigraph Corp	1101 Lakeside Ave. Cleveland 14, Ohio	TO1-3388
Wis	Addressograph-Multigraph Corp	444 N Wabash Ave. Chicago 11, Ill	WH4-2025
Wyo	Addressograph-Multigraph Corp	3020 Wilshire Blvd. L A 5, Cal	DU1-3331
	ADEL PRECISION PRODS DIV GEN METALS CORP	**10777 Vanowen St, Burbank, Cal**	**TR7-2611**
	W Drewry #30 *400 F 285-1165-1920		
Ala	D E Pfluger	2125 S. Akin Dr, Atlanta, Ga	ME6-7910
Ark	D E Pfluger	2125 S. Akin Dr, Atlanta, Ga	ME6-7910
Colo	H M Crandell	2049 Brentwood Dr, Wichita, Kan	MU2-2595
Conn	D N Harrison	290 Old Country Rd, Mineola, NY	PI2-9175
Del	D N Harrison	290 Old Country Rd, Mineola, NY	PI2-9175
DC	D N Harrison	290 Old Country Rd, Mineola, NY	PI2-9175
Fla	D E Pfluger	2125 S. Akin Dr, Atlanta, Ga	ME6-7910
Ga	D E Pfluger	2125 S. Akin Dr, Atlanta, Ga	ME6-7910
Ill	L C Immel	32 N. Main St, Dayton, Ohio	BA3-8154
Ind	L C Immel	32 N. Main St, Dayton, Ohio	BA3-8154
Iowa	L C Immel	32 N. Main St, Dayton, Ohio	BA3-8154
Kan	H M Crandell	2049 S. Akin Dr, Wichita, Kan	MU2-2595
Ky	L C Immel	32 N Main St, Dayton, Ohio	BA3-8154
La	D E Pfluger	2125 S Akin Dr, Atlanta, Ga	ME6-7910
Me	D N Harrison	290 Old Country Rd, Mineola, NY	PI2-9175
Md	D N Harrison	290 Old Country Rd, Mineola, NY	PI2-9175
Mass	D N Harrison	290 Old Country Rd, Mineola, NY	PI2-9175
Mich	L C Immel	32 N. Main St, Dayton, Ohio	BA3-8154
Minn	L C Immel	32 N. Main St, Dayton, Ohio	BA3-8154
Miss	D E Pfluger	2125 S. Akin Dr, Atlanta, Ga	ME6-7910
Mo	L C Immel	32 N. Main St, Dayton, Ohio	BA3-8154
Mt	H M Crandell	2049 Brentwood Dr, Wichita, Kan	MU2-2595
Mont	H M Crandell	2049 Brentwood Dr, Wichita, Kan	MU2-2595
Neb	H M Crandell	2049 Brentwood Dr, Wichita, Kan	MU2-2595
NH	D N Harrison	290 Old Country Rd, Mineola, NY	PI2-9175
NJ	D N Harrison	290 Old Country Rd, Mineola, NY	PI2-9175
NY	D N Harrison	290 Old Country Rd, Mineola, NY	PI2-9175
NC	D E Pfluger	2125 S. Akin Dr, Atlanta, Ga	ME6-7910
ND	H M Crandell	2049 Brentwood Dr, Wichita, Kan	MU2-2595
Ohio	L C Immel	32 N. Main St, Dayton, Ohio	BA3-8154
Okla	H M Crandell	2049 Brentwood Dr, Wichita, Kan	MU2-2595
Ore	W L Zimmerman	10777 Vanowen St, Burbank, Cal	TR7-2611
Pa	D N Harrison	290 Old Country Rd, Mineola, NY	PI2-9175

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
RI	D N Harrison	290 Old Country Rd, Mineola, NY	PI2-9175
SC	D E Pfluger	2125 S. Akin Dr, Atlanta, Ga	ME6-7910
SD	H M Crandell	2049 Brentwood Dr, Wichita, Kan	MU2-2595
Tenn	D E Pfluger	2125 S. Akin Dr, Atlanta, Ga	ME6-7910
Tex	H M Crandell	2049 Brentwood Dr, Wichita, Kan	MU2-2595
Utah	H M Crandell	2049 Brentwood Dr, Wichita, Kan	MU2-2595
Vt	D N Harrison	290 Old Country Rd, Mineola, NY	PI2-9175
Va	D N Harrison	290 Old Country Rd, Mineola, NY	PI2-9175
Wash	W L Zimmerman	10777 Vanowen St, Burbank, Cal	TR7-2611
W. Va	D N Harrison	290 Old Country Rd, Mineola, NY	PI2-9175
Wisc	L C Immel	32 N. Main St, Dayton, Ohio	BA3-8154
Wyo	H M Crandell	2049 Brentwood Dr, Wichita, Kan	MU2-2595
	ADLER ELECTRONICS INC	**1 Lefevre La, New Rochelle, NY**	**NE6-1620**
	S Lepin #150 *700 F 895-1135-1340-1870		
	ADMIRAL CORP	**3800 W. Cortland St, Chicago 47, Ill**	**SP2-0100**
	T Lloyd #700 *7500 G 40-45-255-325-338-450-895-1135-1395-1425-1870-1845-1910		
Cal	Admiral Corp	Palo Alto, Cal	DA2-4581
Cal	J Thompson	6016 La Jolla Dr, Riverside	OV9-97[illegible]
DC	Admiral Corp	1500 Mass Ave NW, Wash,	AD4-3004
Mass	S Friedrich	21 Walker Rd, Manchester	JA6-1159
NJ	R Gilbarte	35 Maryland Ave, W Long Branch	CA2-5076
NY	T Carville	812 Shaw St, Utica 2, NY	RE3-1669
	ADRE CO	**1005 S. 26th St. Milwaukee, Wis**	**EV3-5311**
	H Stoner 1025		
Iowa	B Heyda	2101 Auto Club Rd, Minneapolis 20, Minn	
Minn	B Heyda	2101 Auto Club Rd, Minneapolis 20, Minn	
Pa	Richcraft Prods	12 Olive St. Scranton	
	ADVANCE COMPONENTS LTD	**Roebuck Rd. Hainault, Ilford, Essex, Eng**	**HA4444**
	P Sulley 50-895-1455-1855		
Mass	General Measurements Co, Inc	1108 Beacon St. Newton Highlands 61	WO9-9150
	ADVANCE INSTRUMENT CORP	**F St. Delmar, NJ**	
	20-360-755-895-1245-1470-1550-1555-1850		
	ADVANCE PROCESS SUPPLY CO	**2315 W. Huron St. Chicago 12, Ill**	**DI2-6600**
	265-625-1075-1215-1240-1530		
	ADVANCE ROSS ELECTRONICS CORP	**2538 Peterson Ave, Chicago 45, Ill**	**BR4-6330**
	#11 *225 E 1855		
Cal	W S Harmon & Co	121 Robertson Blvd, Beverly Hills, Cal	OL5-6340
Ill	Proctor Sales Co	3401 W. Diversey, Chicago 47, Ill	HU9-2700
Ind	Proctor Sales Co	3401 W. Diversey, Chicago 47, Ill	HU9-2700
NY	R E Breuer & Co., Inc	10 Columbus Circle, New York 9, NY	CO5-0440
For	Sylvan Ginsbury Ltd	8 W. 40th St. NY 18 NY	LO4-7585
	ADVANCE STAMPING CO	**12025 Dixie Ave, Detroit 39, Michigan**	
	E Nolan #2 *275 E 1120		
Ariz	E J Foley	3940 N. Jokake Dr, Scottsdale, Ariz	WH5-42[illegible]
Cal	N Nesbitt	1121 N Adair Pl, Anaheim	PR2-7165
Fla	N Wade	941 N 78th Ave, W Hollywood	YU9-0932
Ill	Advance Stamping Co	6272 W. North Ave, Chicago, Ill	NA2-6334
Ind	Lee & Storrs	Box 115, Terrace Park, Ohio	CH1-1844
Ky	Lee & Storrs	Box 115, Terrace Park, Ohio	CH1-1844
Mass	L Ingber	4 Oakwood Terrace, Newton Centre 58	DE2-8574
Minn	Advance Stamping Co	6272 W. North Ave, Chicago, Ill	NA2-6334
NJ	H Nugent	547 Swede St, Norristown, Pa	BR2-1955
NM	E Foley	3940 N Jokake, Scottsdale, Ariz	WH5-5290
Ohio	Lee & Storrs	P.O. Box 115 Terrace Park, Ohio	CH1-1844
Pa	D Pennington	241 Park Pl. Pittsburgh 9	FO4-5111
Pa	H Nugent	547 Swede St, Norristown, Pa	BR2-1955
W Va	D Pennington	241 Park Pl. Pittsburgh 9, Pa	FO4-5111
Wisc	Advance Stamping Co	6272 W. North Ave, Chicago, Ill	NA2-6334
•	**ADVANCED ELECTRONICS CORP**	**2 Commercial St, Hicksville, NY**	**OV1-6400**
	S Boorstein #4 *40 C 670-895-1340-1730-1870		
Ala	Specialized Electronics Co	529 N. 10th St, Birmingham, Ala	SU3-20[illegible]
Alas	Don H Burcham Co	130 S Yarrow St. Lakewood, Colo	BE7-3467
Ariz	Brown Technical Assoc Sales	130 S Yarrow St, Lakewood, Colo	BE7-3467
Cal	John Kennedy Enterprises	4914 Lankershim Blvd, N Hollywood	PO9-0[illegible]
Colo	Brown Technical Assoc Sales	130 S Yarrow St, Lakewood	BE7-3467
Conn	General Measurement Co	1108 Beacon St, Newton Highlands, Mass	WO9-9150
Del	R B Burnhill & Associates	15 W. Pennsylvania Ave, Towson, Md	VA5-3431
DC	R B Burnhill & Associates	15 W. Pennsylvania Ave, Towson, Md	VA5-3431
Fla	Sapar Electronic Co	108 E Pine St, Orlando	
Haw	Don H Burcham Co	Box 4298, Portland, Ore	
Ill	S C Blaker Co	2353 N. California Ave, Chicago, Ill	BR5-1220
Ind	S C Blaker Co	2353 N. California Ave, Chicago, Ill	BR5-1220
Me	General Measurement Co	1108 Beacon St, Newton Highlands, Mass	WO9-9150
Md	R B Burnhill & Associates	15 W. Pennsylvania Ave, Towson, Md	VA5-3431
Mass	General Measurement Co	1108 Beacon St, Newton Highlands, Mass	WO9-9150
Mich	S C Blaker Co	2353 N. California Ave, Chicago, Ill	BR5-1220
Mo	Southern Industrial Electronics	Box 35633, Dallas, Tex	FL2-7941
NH	General Measurement Co	1108 Beacon St, Newton Highlands, Mass	WO9-9150
NJ	Aironic Accessory Co	161 Ormond Dr, Brightwaters, NY	MO6-6510
NJ	Travco Assoc Inc	45 N Station Plaza, Great Neck, NY	
NY	General Measurement Co	1108 Beacon St, Newton Highlands, Mass	WO9-9150
NY	Aironic Accessory Co	161 Ormond Dr, Brightwaters	MO6-6510
NY	Travco Assoc Inc	45 N Station Plaza, Great Neck	
NC	R B Burnhill & Associates	15 W. Pennsylvania Ave, Towson, Md	VA5-3431
Ohio	Rixan Associates	33 W. Stratford Ave, Dayton, Ohio	CR7-2794
Ore	Don Burcham Co	Box 4298, Portland	
Pa	R B Burnhill & Associates	15 W. Pennsylvania Ave, Towson, Md	VA5-3431
Pa	Rixan Associates	33 W. Stratford Ave, Dayton, Ohio	CR7-2794
RI	General Measurement Co	1108 Beacon St, Newton Highlands, Mass	WO9-9150
Tex	Southern Industrial Electronics	Box 35633, Dallas	FL2-7941
Vt	General Measurement Co	1108 Beacon St, Newton Highlands, Mass	WO9-9150
Va	R B Burnhill & Associates	15 W. Pennsylvania Ave, Towson, Md	VA5-3431
Wisc	S C Blaker Co	2353 N. California Ave, Chicago, Ill	BR5-1220
For	Telchlab Corp	Chrysler Bldg, NY, NY	OX7-[illegible]
Canada	General Measurement Co	1108 Beacon St, Newton Highlands, Mass	WO9-9150
	ADVANCED ELECTRONICS INC	**94 Silas Deane Hwy, Rocky Hill, Conn**	**JA9-4081**
	#2 *25 C 150-185-250-320-360-585-795-895-1150-1460-1795		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	ADVANCED INSTRUMENT CORP	**1475 Powell St. Emeryville 8, Cal**	**OL4-7186**
	E Evans, Jr #3 *8 A 338-895		
Ariz	G S Marshall Co	30 Pima Plaza, Scottsdale	WH6-5521
Cal	G S Marshall Co	2065 Huntington Dr. San Marino	MU1-6781
Del	Arco Engineering Co	1000 - 16th St NW, Washington, DC	EX3-1174
DC	Arco Engineering Co	1000 - 16th St NW, Washington	EX3-1174
Ill	Engineering Services Co	6717 Vernon, St Louis	PA6-2233
Ill	Berndt & Assoc	6322 N Milwaukee Ave, Chicago	SP5-3488
Ind	Berndt & Assoc	6322 N Milwaukee Ave, Chicago, Ill	SP5-3488
Iowa	Engineering Services Co	1305 Oakland Gardens, Cedar Rapids	EM5-6183
Kan	Engineering Services Co	247 S Pinecrest, Wichita	MU3-3751
Md	Arco Engineering Co	1000 - 16th St NW, Washington, DC	EX3-1174
Mich	Berndt & Assoc	6322 N Milwaukee, Chicago, Ill	SP5-3488
Mo	Engineering Services Co	4550 Main St, Kansas City	JE1-7765
Neb	Engineering Services Co	6717 Vernon, St Louis, Mo	PA6-2233
Nev	G S Marshall Co	2065 Huntington Dr. San Marino, Cal	
NJ	Stone Co., The	97 Friends Ln, Westbury, NY	ED3-7426
NY	Stone Co., The	97 Friends Ln, Westbury	ED3-7426
Ohio	Fred R Sharp Co., The	2138 Lee Rd, Cleveland	FA1-4200
Ore	Pacific Weather Services	1222 NW 117th St, Portland	AL2-5410
Pa	Fred R Sharp Co., The	2138 Lee Rd, Cleveland, Ohio	FA1-4200
Pa	Arco Engineering Co	1000 - 16th St NW, Washington, DC	EX3-1174
Va	Arco Engineering Co	1000 - 16th St NW, Washington, DC	EX3-1174
Wash	Pacific Weather Services	1222 NE 117th St, Portland, Ore	AL2-5410
Wis	Berndt & Assoc	6322 N Milwaukee Ave, Chicago, Ill	SP5-3488
	ADVANCED MEASUREMENT INSTRUMENTS INC	**109 Dover St. Somerville 44, Mass**	**SO6-8008**
	I Kodesh #5 *12 A 195-895		
Ala	Gentry Assoc. Inc	1851 Oak Ln, Orlando, Fla	GA4-0730
Ariz	R A Mayes Co	6601-B Montana Ave. El Paso, Tex	PR8-2825
Cal	Sodero Co	3753 S. Robertson Blvd. Culver City	TE0-8001
Conn	Richard D Frink Assoc	46 Amesbury St. Lawrence, Mass	MU3-3252
Del	Whitcomb Assoc	730 Deepdene Rd. Baltimore 10, Md	TU9-1245
DC	Whitcomb Assoc	730 Deepdene Rd. Baltimore 10, Md	RE7-0763
Fla	Gentry Assoc. Inc	1851 Oak Ln. Orlando	GA4-0730
Ga	Gentry Assoc. Inc	1851 Oak Ln. Orlando, Fla	GA4-0730
Ill	Gordon Fixman Eng. Co	8160 Stanford Ave. St. Louis 30, Mo	PA5-5219
Kan	Gordon Fixman Eng. Co	8160 Stanford Ave. St. Louis 30, Mo	PA5-5219
Me	Richard D Frink Assoc	46 Amesbury St. Lawrence, Mass	MU3-3252
Md	Whitcomb Assoc	730 Deepdene Rd. Baltimore 10	TU9-1245
Mass	Richard D Frink Assoc	46 Amesbury St. Lawrence	MU3-3252
Miss	Gentry Assoc. Inc	1851 Oak Ln. Orlando, Fla	GA4-0730
Mo	Gordon Fixman Eng. Co	8160 Stanford Ave. St. Louis 30	PA5-5219
NH	Richard D Frink Assoc	46 Amesbury St. Lawrence, Mass	MU3-3252
NJ	Landfear Enterprises	165 Franklin Ave. Nutley 10	NO7-2900
NM	R A Mayes Co	6601 B Montana Ave. El Paso, Tex	PR8-2825
NY	Landfear Enterprises	165 Franklin Ave. Nutley 10, NJ	BR9-2855
Ohio	Ashby Assoc	1317 Talbott Tower, Dayton	BA8-8661
RI	Richard D Frink Assoc	46 Amesbury St. Lawrence, Mass	MU3-3252
Tex	R A Mayes Co	6601-B Montana Ave. El Paso	PR8-2825
Vt	Richard D Frink Assoc	46 Amesbury St. Lawrence, Mass	MU3-3252
Va	Whitcomb Assoc	730 Deepdene Rd, Baltimore 10 Md	TU9-1245
For	Electronic Mfrs. Export Co	127 Grace St. Plainview, NY	WE1-3700
Can	A Deskin Sales Co	1091 Shorecrest; 14th St. Montreal 40	MU1-0201
	ADVANCED PRODUCTS CO.	**59 Broadway, North Haven, Conn**	**CE9-1664**
	S Pelleys *35 C 1545		
Ala	Dixie Bearings Inc	276 Memorial Dr SW, Atlanta, Ga	
Ariz	Haskel Seals	1236 S Central Ave, Glendale, Cal	
Ark	Dixie Bearings Inc	519 W 7th St, Little Rock	
Cal	Haskel Seals	1236 S. Central Ave, Glendale 4, Cal	CH5-6811
Colo	Haskel Seals	11320 E 7th, Aurora	
Del	Herche Steam Packing Co Inc	514 E Lombard, Baltimore, Md	
DC	Herche Steam Packing Co Inc	514 E Lombard, Baltimore, Md	
Fla	Dixie Bearings Inc	1826 Ionia St, Jacksonville	
Ga	Dixie Bearings Inc	276 Memorial Dr SW, Atlanta	
Idah	Spencer Aircraft Ind Inc	8410 Dallas Ave, Seattle, Wash	
Ill	R Lind	451 Comfort Lane, Palatine	
Ind	Bearings Inc	801 N Capitol Ave, Indianapolis	
Iowa	Hydraulic Packing Co	2114 4th Ave S, Minneapolis, Minn	
Kan	Wilco Inc	228 S Wichita St, Wichita	
Ky	Dixie Bearings Inc	215 S Floyd St, Louisville	
La	Dixie Bearings Inc	2905 Weller Ave, Baton Rouge	
Md	Herche Steam Packing Co Inc	514 E Lombard, Baltimore	
Minn	Hydraulic Packing Co	2114 4th Ave S, Minneapolis	
Miss	Dixie Bearings Inc	276 Memorial Dr SW, Atlanta, Ga	
Mo	Neiman Bearings Inc	2727 Washington Blvd, St Louis	
Mont	Haskel Seals	11320 E 7th Ave, Aurora, Colo	
Neb	Wilco Inc	228 S Wichita St, Wichita, Kan	
Nev	Haskel Seals	1236 S Central Ave, Glendale, Cal	
NM	Haskel Seals	11320 E 7th Ave, Aurora, Colo	
NC	Dixie Bearings Inc	231 Washington St, Greensboro	
ND	Hydraulic Packing Co	2114 4th Ave. S Mnpls, Minn	
Ohio	Bearings Inc	3955 W 117th St. Cleveland	
Okla	Associated Aircraft Supply Inc	5021 W Jefferson Blvd, Dallas, Tex	
Ore	Spencer Aircraft Supply	1230 SE 7th St, Portland	
SC	Dixie Bearings Inc	405 Pendleton St, Greenville	
SD	Hydraulic Packing Co	2114 4th Ave, S Minneapolis, Minn	
Tenn	Dixie Bearings Inc	417 Dale Ave, Knoxville	
Tex	Associated Aircraft Supply Inc	5021 W Jefferson Blvd, Dallas	
Utah	Haskel Seals	11320 E 7th Ave, Aurora, Colo	
Va	Dixie Bearings Inc	137 E Olney Rd, Norfolk	
Wash	Spencer Aircraft Industries Inc	8410 Dallas Ave, Seattle	
W Va	Bearings Inc	1516 Kanawha Blvd, W Charleston	
Wis	Robert Komacki Assoc	2333 W Wells St, Milwaukee	
Wyo	Haskel Seals	11320 E 7th Ave, Aurora, Colo	
For	Clark-Wright Corp	Hamden, Conn	
	ADVANCED RESEARCH ASSOC INC	**P.O. Box 68, Kensington, Md**	**WH2-4800**
	1555		
	ADVANCED TECHNOLOGY LABS	**369 Whisman Rd, Mountain View, Cal**	**YO8-4461**
	V Marchi #70 *180 E 895-1735-1795-1945		
Conn	J M Devine Co	63 Prince St, Needham 92, Mass	HI4-2764
La	Robert R Clarke Co	3115 Buffalo Dr, Houston 10, Tex	MO5-0769
Me	J M Devine Co	63 Prince St, Needham 92, Mass	HI4-2764
Mass	J M Devine Co	63 Prince St, Needham 92, Mass	HI4-2764
NH	J M Devine Co	63 Prince St, Needham 92, Mass	HI4-2764
RI	J M Devine Co	63 Prince St, Needham 92, Mass	HI4-2764
Tex	Robert R Clarke Co	3115 Buffalo Dr, Houston 10, Tex	MO5-0769
Vt	J M Devine Co	63 Prince St, Needham 92, Mass	HI4-2764
	ADVANCED VACUUM PRODS INC SUB GLASS-TITE IND	**430 Fairfield Ave, Stamford, Conn**	**DA5-3881**
	#6 *75 E 240-345-900-1545		
Ariz	Fryco	355 N Scottsdale Rd, Scottsdale	
Ark	P J Scanlon Co	2608 Inwood Rd, Dallas 35, Tex	
Conn	R S Pettigrew Co	10 N Main St, W Hartford	
DC	James W Whitfield	6006 Onondago Rd, Wash 16	
Fla	Jack Geartner Co	235 Lincoln Rd, Miami Beach	
Fla	Jack Geartner Co	711 Magnolia Ave, Orlando	
Iowa	W E Fry & Co Inc	406 W 34th St. Kansas City 11, Mo	
Kan	W E Fry & Co Inc	406 W 34th St. Kansas City 11, Mo	
Me	R S Pettigrew & Co Inc	45 Main St. Natick, Mass	
Md	James W Whitfield	6006 Onondago Rd, Wash 16, DC	
Mass	R S Pettigrew & Co Inc	45 Main St, Natick	
Mo	W E Fry & Co	6116 W Florissant Ave, St Louis 20	
NH	R S Pettigrew & Co Inc	45 Main St. Natick, Mass	
NJ	Murray Co	25 W Northfield Rd, Livingston	
NY	Mert E Jones	113 Lynn Dr, N Syracuse	
NC	James W Whitfield	6006 Onondago Rd, Wash 16, DC	
Okla	P J Scanlon Co	2608 Inwood Rd, Dallas 35, Tex	
Pa	Schumacher Assoc	1209 York Rd, Abington	
RI	R S Pettigrew & Co Inc	45 Main St, Natick, Mass	
Tex	P J Scanlon Co	2608 Inwood Rd, Dallas 35	
Vt	R S Pettigrew & Co	45 Main St, Natick, Mass	
Va	James W Whitfield	6006 Onondago Rd, Wash 16, DC	
•	**AD-YU ELECTRONICS LAB INC**	**249-259 Terhune Ave, Passaic, NJ**	**GR2-5622**
	G Boling #3 *50 180-450-455-670-895-1135-1585		
Cal	Peninsula Associates	1345 Hancock St, Redwood City, Cal	EM9-1226
Cal	Carl A Stone Associates Inc	8971 National Blvd, Los Angeles 34	UP0-7771
Conn	Saunders & Co	8 Prospect St. Waltham 54, Mass	TW4-6071
Del	Eastern Components Inc	613 W. Cheltenham Ave. Phila 26, Pa	WA7-6269
DC	Eastern Components Inc	8616 Georgia Ave. Silver Spring, Md	JU9-0100
Me	Saunders & Co	8 Prospect St. Waltham 54, Mass	TW4-6071
Md	Eastern Components Inc	808 Inglside Ave. Baltimore 28	RI4-3676
Mass	Saunders & Co	8 Prospect St, Waltham 54, Mass	TW4-6071
Mich	Gaine Eng	1474 E. Outer Dr. Detroit 34	FO6-5353
Mo	G Fixman Engrg Co	8160 Stanford Ave, St. Louis 30	PA5-5219
Mo	Gordon Fixman Engrg Co	8160 Stanford Ave, St. Louis 30, Mo	PA5-5219
NH	Saunders & Co	8 Prospect St. Waltham 54, Mass	TW4-6071
NJ	J Williams Assoc	50 Main St. Orange	OR5-7199
Ohio	Gaine Eng	29603 Bruce Dr. Willowick, Cleve	WH3-3731
Pa	Eastern Components, Inc	613 Cheltenham Ave. Phila. 26	
RI	Saunders & Co	8 Prospect St. Waltham 54, Mass	TW4-6071
Vt	Saunders & Co	8 Prospect St. Waltham 54, Mass	TW4-6071
Va	Eastern Components Inc	8616 Georgia Ave. Silver Spring, Md	JU9-0100
For	Sales Representatives Principal Countries		
	AEMCO, DIV OF TELEX	**10 State St, Mankato, Minn**	**8-6284**
	A Pirsl #5 *300 E 1460-1810		
Ala	Buchanan & Abrams Associates	P.O. Box 6026, Orlando, Fla	GA3-8995
Ariz	Fryco	P.O. Box 464, Scottsdale, Ariz	WH5-2261
Cal	R B Clapp Co., Inc	5404 Alhambra Ave, Los Angeles 32	CA5-2295
Cal	The Irving Ballard Co., Inc	407 Sansome St, San Francisco 11, Cal	SU1-1781
Colo	Longstreet-Smith	1013 - 15th St, Denver, Colo	KE4-5091
Conn	Charles Segel Co	1262 Commonwealth, Boston, Mass	BE2-4334
DC	J Alan Biggs & Co., Inc	Bucks County, Gardenville, Pa	AX7-3171
Fla	Buchanan & Abrams Associates	P.O. Box 6026, Orlando, Fla	GA3-8995
Ga	Buchanan & Abrams Associates	P.O. Box 6026, Orlando, Fla	GA3-8995
Ill	Bauman & Bluzat	2753 W. North Ave, Chicago 47, Ill	HU6-6809
Ill	Edward Winslow	106 W. Madison Ave, Kirkwood 22, Mo	YO5-5880
Ind	Law Instrument Co	P.O. Box 95, Angola, Ind	217
Iowa	Jerry Vrbik	419 3rd St, S.E., Cedar Rapids, Iowa	EM5-0461
Ky	Production Services	Box 72, Westwood Br, Cincinnati, Ohio	HU1-4261
Me	Charles Segel Co	1262 Commonwealth, Boston 34, Mass	BE2-4334
Md	J Alan Biggs & Co., Inc	Bucks County, Gardenville, Pa	AX7-3171
Md	David James Office	31 E 21st St, Baltimore, Md	BE5-0575
Mass	Charles Segel Co	1262 Commonwealth Ave, Boston 34	BE2-4334
Mich	G N Diperro Co	1956 Marston Ave, Detroit 11, Mich	TO9-1266
Minn	General Appliance Co	2903 Lyndale Ave, S., Minneapolis 8	TA3-0414
Mo	Winslow Design & Sales Co	106 W Madison Ave, Kirkwood 22, Mo	YO5-5880
Neb	Jerry Vrbik	419 3rd St, S.E., Cedar Rapids, Iowa	EM5-0461
NH	Charles Segel Co	1262 Commonwealth, Boston 34, Mass	BE2-4334
NJ	J Alan Biggs & Co., Inc	Bucks County, Gardenville, Pa	AX7-3171
NJ	Cooper-Simon & Co, Inc	400 E 79th St, New York 21, NY	LE5-2900
NY	Cooper-Simon & Co., Inc	400 E. 79th St, New York 21, NY	LE5-2900
NY	Midstate Research Sales	327 Wellesley Rd, Syracuse, NY	GR8-8314
NC	Buchanan & Abrams Associates	P.O. Box 6026, Orlando, Fla	GA3-8995
ND	General Appliance Co	2903 Lyndale Ave, S., Mnpls 8, Minn	TA3-0414
Ohio	Production Services	Box 72, Westwood Branch, Cincinnati 11	HU1-4261
Ohio	Frank E Kahsar Sales	4903 Prosperity Pl, Cincinnati 38, Ohio	GR1-9011
Okla	John A Green Co	7118 Envoy Ct, Dallas 7, Tex	FL1-9947
Ore	Jack E Way	925 Westlake Ave N, Seattle 9, Wash	SE0107
Pa	J M Airgood Co	742 Berwin Ave, Pittsburgh 26, Pa	LE1-3539
Pa	J Alan Biggs Co., Inc	Bucks County, Gardenville, Pa	AX7-3171
RI	Charles Segel Co	1262 Commonwealth, Boston 34, Mass	BE2-4334
SC	Buchanan & Abrams Associates	P.O. Box 6026, Orlando, Fla	GA2-8995
SD	General Appliance Co	2903 Lyndale Ave, S., Mnpls 8, Minn	TA3-0414
Tex	John A Green Co	7118 Envoy Ct, Dallas 7, Tex	FL1-9947
Vt	Charles Segel Co	1262 Commonwealth, Boston 34, Mass	BE2-4334
Wash	M K Widdicomb Co	222 1st Ave, N., Seattle 9, Wash	EL3561
W. Va	Production Services	Box 72, Westwood Branch, Cinn 11, Ohio	HU1-4261
Foreign	Frazer & Hansen	301 Clay St, San Francisco 11, Cal	EX2-5112
	AERO BOLT & SCREW CO INC	**1071 W Arbor Vitae St. Inglewood, Cal**	**OR8-3931**
	J Cassidy #2 *50 E 125-645-750-770-1120-1135-1205-1290-1485-1505-1535-1545-1940		
Cal	Aero Bolt & Screw Co., Inc	1177 Fernside St. Redwood City	EM8-9678
Cal	Aero Bolt & Screw Co., Inc	3212 Madrid St. San Diego	AC2-6722
NY	Aero Bolt & Screw Co., Inc	25 W Hartsdale Ave. Hartsdale	RO1-0210
	AERO ELECTRONICS CORP	**1745 W. 134 St, Gardena, Cal**	**FA1-2196**
	1330-1475		
Ala	J Neal & Co	3931 S.W. 5th Terr, Miami, Fla	HI4-1118
Alaska	Ray Johnson Co	1011 E. 69th St, Seattle 15, Wash	LA4-5170
Cal	C R Dalton Associates	1037 Laurel St, San Carlos, Cal	LY1-2654
Colo	Texas Avionics Co	5738 N. Central Expwy, Dallas, Tex	TA6-2354
Conn	Wayne B Palioca Co	1787 Mass Ave, Lexington, Mass	VO2-7224
Del	George W Moler Co	P.O. Box 240, Haddonfield, NJ	HA8-2440
DC	George W Moler Co	P.O. Box 240, Haddonfield, NJ	HA8-2440
Fla	J Neal & Co	3931 S.W. 5th Terr, Miami, Fla	HI4-1118
Ga	J Neal & Co	3931 S.W. 5th Terr, Miami, Fla	HI4-1118
Idaho	Ray Johnson Co	1011 E. 69th St, Seattle 15, Wash	LA4-5170
Ill	Ralph Rountey & Associates	425 Edgewood Pl, Forest River, Ill	FO6-6523
Ind	A E Williams Co	Rural Rt 1, Markle, Ind	SK8-5703
Iowa	Sanford Co	1727 E. Second, Wichita, Kan	
Kan	Sanford Co	1727 E. Second, Wichita, Kan	
Ky	A E Williams Co	Rural Rt 1, Markle, Ind	SK8-5703
Me	Wayne B Palioca Co	1787 Mass Ave, Lexington 73, Mass	VO2-7224
Md	George Moler Co	P.O. Box 240, Haddonfield, NJ	HA8-2440
Mass	Wayne B Palioca Co	1787 Mass Ave, Lexington 73, Mass	VO2-7224
Mich	A E Williams Co	Rural Rt 1, Markle, Ind	SK8-5703
Mo	Sanford Co	1727 E. 2nd, Wichita, Kan	
Mont	Ray Johnson Co	1011 E. 69th St, Seattle 15, Wash	LA4-5170
Neb	Sanford Co	1727 E. 2nd, Wichita, Kan	
Nev	C R Dalton Associates	1037 Laurel St, San Carlos, Cal	LY1-2654
NH	Wayne B Palioca Co	1787 Mass Ave, Lexington 73, Mass	VO2-7224
NJ	George W Moler Co	P.O. Box 240, Haddonfield, NJ	HA8-2440
NM	Texas Avionics Co	5738 N. Central Expwy, Dallas, Tex	TA1-2654
NY	William Weiss	1780 Broadway, New York, NY	CI6-5778
NY	Electro Mechanical Corp	Town Dock Rd, New Rochelle, NY	BE5-3052
Okla	Texas Avionics Co	5738 N. Central Expwy, Dallas 6, Tex	TA6-2354
Ore	Ray Johnson Co	1011 E. 69th St, Seattle 15, Wash	LA4-5170
Pa	George W Moler Co	P.O. Box 240, Haddonfield, NJ	HA8-2440
RI	Wayne B Palioca Co	1787 Mass Ave, Lexington 73, Mass	VO2-7224
Tex	Texas Avionics Co	5738 N. Central Expwy, Dallas, Tex	TA6-2354
Utah	Sanford Co	1727 E. 2nd, Wichita, Kan	
Vt	Wayne B Palioca Co	1787 Mass Ave, Lexington 73, Mass	VO2-7224
Va	George W Moler Co	P.O. Box 240, Haddonfield, NJ	HA8-2440
	AERO MAYFLOWER TRANSIT CO., INC	**863 Massachusetts Ave. Indpls, Ind**	
	J Smith *1500 C		
	AERO MECHANISM INC	**13866 Saticoy, Van Nuys, Cal**	**TR3-4136**
	J Carp #5 *55 D 35-895-915-1460-1735-1850		
Cal	Westron Sales & Engineering	7407 Melrose Ave, Los Angeles, Cal	WE3-7276
NY	Hermetic Aircraft Inst Co	99 E Hawthorne Ave, Valley Stream	VA5-6363
Wash	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	ME3-3160
	AERO RESEARCH INSTRUMENT CO., INC	**315 N. Aberdeen St, Chicago 7, Ill**	**TA9-6400**
	L Scadron #15 *80 E 190-895-1795-1850-1960		
Ala	Col-Ins-Co., Inc	5728 Precision Dr, Orlando, Fla	CH1-1501
Ariz	Brooks Feeger & Assoc	34-A E First St, Scottsdale	WH5-2111
Cal	A C Catland Co	4645 Van Nuys Blvd, Sherman Oaks	ST9-0243
Cal	Cerruti & Associates	P.O. Box 509, Redwood City, Cal	EM9-3354
Colo	Brooks-Feeger & Associates	3041 S. Broadway, Englewood, Colo	SU1-7375
Conn	Joseph H Bertram & Co, Inc	998 Farmington Ave. W Hartford	AD3-9823
Del	Test Equipment Sales Co	4447 N. Bodine St, Philadelphia, Pa	DA9-1822
DC	Test Equipment Sales Co	4447 N. Bodine St, Philadelphia, Pa	DA9-1822
Fla	Col-Ins-Co., Inc	5728 Precision Dr, Orlando, Fla	CH1-1501
Ga	Col-Ins-Co., Inc	5728 Precision Dr, Orlando, Fla	CH1-1501
Ga	Col-Ins-Co., Inc	2354 Ewing Dr, Atlanta, Ga	ME6-6177
Idaho	Burt C Porter Co	1209 Poplar Pl, Seattle, Wash	EA3-8330
Ill	Pinder Instrument Co	5305 Hohman Ave, Hammond, Ind	BA1-5592
Ill	Maise Equipment Co	10635 Clayton Rd, St. Louis, Mo	HE2-2932
Ind	Pinder Instrument Co	5305 Hohman Ave, Hammond, Ind	BA1-5592
Kan	Lawrence L Hill	P.O. Box 1312, Wichita, Kan	AM7-3850
Ky	Process Instruments & Equipment Co	1904 E. Washington St, Charleston, W.Va	DI2-2151
Ky	Maise Equipment Co	10635 Clayton Rd, St. Louis, Mo	HE2-2932
Md	Test Equipment Sales Co	4447 N. Bodine St, Philadelphia, Pa	DA9-1822
Mass	Joseph H Bertram Co, Inc	570 Hillside Ave, Needham Heights	HI4-7304
Mich	Michigan Engineering Sales Co	18954 James Couzens Hwy, Detroit, Mich	DI 1-8429
Minn	Process Assessories Co	4524 Excelsior Blvd, Minneapolis	WA2-2844
Miss	Col-Ins-Co., Inc	5728 Precision Dr, Orlando, Fla	CH1-1501
Mo	Maise Equipment Co	10635 Clayton Rd, St. Louis, Mo	HE2-2932
Mont	Burt C Porter Co	1209 Poplar Pl, Seattle, Wash	EA3-8330
Nev	Cerruti & Associates	P.O. Box 509, Redwood City, Cal	EM9-3354
NJ	Test Equipment Sales Co	4447 N Bodine St, Philadelphia, Pa	DA9-1822
NM	Brooks Feeger & Assoc	5510 Domingo Rd. NE, Albuquerque	AM8-1724
NY	Carse Electric Corp	1044 Broadway, Albany, NY	HO2-5364
NY	Carse Electric Co	P O Box, Onondaga St, Syracuse 15	GR1-3074
NY	Test Equipment Sales Co	4447 N Bodine St, Philadelphia, Pa	DA9-1822
NC	Col-Ins-Co., Inc	2354 Ewing Dr, Atlanta, Ga	ME6-6177
Ohio	Kilroy-Whelan Corp	10 N. Main St, Chagrin Falls, Ohio	CH7-4032
Ohio	Kilroy-Whelan Corp	2801 Far Hills Ave, Dayton, Ohio	AX3-2003
Ohio	Michigan Engineering Sales Co	18954 James Couzens Hwy, Detroit, Mich	DI1-8429
Okla	James E Dyer Co	P.O. Box 1226, Tulsa, Okla	LU4-1076
Ore	Burt C Porter Co	1209 Poplar Pl, Seattle, Wash	EA3-8330
Pa	Test Equipment Sales Co	4447 N. Bodine St, Philadelphia, Pa	DA9-1822
Pa	Kilroy-Whelan Corp	10 N. Main St, Chagrin Falls, Ohio	CH7-4032
SC	Col-Ins-Co., Inc	2354 Ewing Dr, Atlanta, Ga	ME6-6177
Tenn	Col-Ins-Co., Inc	5728 Precision Dr, Orlando, Fla	CH1-1501
Tenn	Col-Ins-Co., Inc	2354 Ewing Dr, Atlanta, Ga	ME6-6177
Tex	James E Dyer Co	P.O. Box 1226, Tulsa, Okla	LU4-1076
Tex	Instrumatics, Inc	3113 Leland Ave, Houston 3	GA5-6059
Utah	Brooks-Feeger & Associates	3041 S. Broadway, Englewood, Colo	SU1-7375
Wash	Burt C Porter Co	1209 Poplar Pl, Seattle, Wash	EA3-8330
W. Va	Process Instruments & Equipment Co	1904 E. Washington St, Charleston, W.Va	DI2-2151
Wis	Process Assessories Co	4524 Excelsior Blvd, Mnpls 16, Minn	WA2-2844
Wyo	Brooks-Feeger & Associates	3041 S. Broadway, Englewood, Colo	SU1-7375
Canada	Arnett Boyd Ltd	745 Mt. Pleasant Rd, Toronto, Ont, Can	HU1-3722
For	Alvanton Interests Ltd	8 George St, Alderley Edge Cheshire, Eng	AL2002
For	Electronic Enterprises	New Charni Rd, Bombay 4	75376
For	Calorie Corp, Ltd	2 Parsons St, Industria, Johannesburg	35-6624
For	Le Materiel Physico-Chimique	38 Rue Claude Jean Romain, Le Perreux (Seine), Fr	DA016-47
Foreign	Okazaki Trading Co Ltd	P.O. Box 620, Tokyo, Japan	

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TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	AERO SERVICE CORP	**210 E. Courtland St, Philadelphia 20, Pa**	**GL7-3000**
	338-1285-1290		
Canada	Canadian Aero Service Ltd	348 Queen St, Ottawa 4, Ontario, Canada	
	AEROCOIL INC	**2207 Summit Ave. Union City, NJ**	**UN3-2955**
	320-715		
	AEROFLEX CORP	**48-25 36 St. Long Island City 1, NY**	**ST6-3315**
	#70 *300 F 635-780-895		
Mo	J W Brashahar	8518 Brookshire Ln, University City	WY1-1539
Wash	D C Surles	1010 Cedar Ln, Falls Church, Va	JE3-8555
	AEROLAB DEVELOPMENT CO	**330 W. Holly St, Pasadena, Cal**	**SY5-8771**
	338-365-895-915-1135-1340-1455		
Cal	Aerol Associates	1177 University Dr, Menlo Park, Cal	DA1-1014
Colo	Aerol Associates	Denver Club Bldg, Denver, Colo	TA5-2046
Conn	Aerol Associates	820 Park Ave, Bloomfield, Conn	CH2-5586
Fla	Aerol Associates	212 E. Colonial Dr, Orlando, Fla	GA3-4489
Ga	Aerol Associates	361 E. Paces Ferry Rd, N.E., Atlanta 5	CE3-1330
Kan	Aerol Associates	Murrel-Kemp Bldg, Mission, Kan	HE2-8212
Md	Aerol Associates	3502 York Rd, Baltimore 12, Md	DR7-8110
Mass	Aerol Associates	875 Lexington St, Waltham, Mass	TW4-7850
Mo	Aerol Associates	P.O. Box 8217, Lambert Arpt, St. Louis	PE1-6853
NJ	Aerol Associates	1180 Raymond Blvd, Newark, NJ	MA3-0336
NY	Aerol Associates	170 Great Neck Rd, Great Neck, NY	HU7-9650
Ohio	Aerol Associates	7715 Reading Rd, Cincinnati 37, Ohio	VA1-4898
Tex	Aerol Associates	314 N. East St, Arlington, Tex	CR5-2400
Wash	Aerol Associates	500 Wall St, Seattle, Wash	MA3-0443
	AEROLITE ELECTRONICS CORP	**2287 Summit Ave, Union City, NJ**	**UN3-2955**
	V Marro #3 *65 45-185-225-280-300-338-345-375-380-585-795-895-905-920-990-1005-1150-1290-1460-1475-1545-1630-1645-1785-1890		
Cal	Bernard L Cahn Co	420 Market St. San Francisco	
Cal	C H Mitchell Co	13804 Ventura Blvd, Sherman Oaks, Cal	ST8-1013
Del	Moler-Billis Assoc	Box 240, Haddonfield, NJ	HA8-2440
DC	Moler-Billis Assoc	Box 240, Haddonfield, NJ	
Md	Moler-Billis Assoc	Box 240, Haddonfield, NJ	
Mass	Howard Jeppe Co	37 Hillcrest Rd, Wakefield, Mass	
Va	Moler-Billis Assoc	Box 240, Haddonfield, NJ	
	AEROLOY CO	**26 W. 1st St, Clifton, NJ**	
	785		
•	**AEROLUX LIGHT CORP**	**653 Eleventh Ave. New York 36, NY**	**CI6-5324**
	P Kayatt #2 *20 B 1000		
	AERONAUTICAL COMMUNICATIONS EQUIPMENT INC	**3090 SW 37 Ave. Miami 33, Fla**	**HI8-6503**
	R Locke #5 *100 325-895-945-1425-1870		
	AERONAUTICAL ELECTRIC CO	**5656 Northwest Hwy, Chicago 46, Ill**	**SP4-5200**
	W Youngstrom *30 C 985-990-1785		
Cal	Jerry Gartner Sales Co	P.O. Box 286, North Hollywood, Cal	DU7-7175
Ind	Wm A Meily Co	4017 S. Harrison Blvd, Ft. Wayne, Ind	KE2461
Mich	Wm A Meily Co	4017 S. Harrison Blvd, Ft. Wayne, Ind	KE2461
NJ	R E Breuer Co., Inc	10 Columbus Circle, New York 19, NY	CO5-0440
NY	R E Breuer Co., Inc	10 Columbus Circle, New York 19, NY	CO5-0440
Ohio	Wm A Meily Co	4017 S. Harrison Blvd, Ft. Wayne, Ind	KE2461
Canada	A Deskin Sales Co	1091-14th St, St. Martin, Montreal, Canada	
	AERONAUTICAL ELECTRONICS INC	**P.O. Box 6527, Raleigh, NC**	**TE4-7381**
	W Scott #8 *135 E 45-325-1135-1425-1870		
	AEROQUIP CORP	**300 S East Ave, Jackson, Mich**	**ST3-2505**
	M Brandon #200 *2,000 G 285-290-985-935-1135-1290-1835		
Cal	Marman Div	11214 Exposition Blvd, L A 64, Cal	
Cal	Aeroquip Corp	3015 Winona Ave, Burbank, Cal	
Cal	General Logistics Div	2929 Floyd St, Burbank, Cal	
Ill	Aeroquip Corp	1033 South Blvd, Oak Park	VI8-4214
Mich	Elbeco Div	Jackson, Mich	
NJ	Aeroquip Corp	135 E Railway Ave, Paterson	MU4-7020
Ohio	Aeroquip Corp	122 Main St, Van Wert, Ohio	
Ore	Aeroquip Corp	635 NW 16th Ave, Portland 9	CA6-6021
Tex	Aeroquip Corp	9105 Sovereign, Dallas 7, Tex	
Canada	Aeroquip (Canada) Ltd	287 Bridgeland Ave, Toronto 19, Ont, Canada	
	AEROSEEL INC	**801 23 St. Union City, NJ**	**UN3-2955**
	V Marro 300-880-905-1545		
Cal	C H Mitchell Co	13804 Ventura Blvd. Sherman Oaks	ST8-1013
Mass	Howard Jeppe Co	37 Hillcrest Rd. Wakefield	
Can	Electrolabs	7385 St Lawrence Blvd. Montreal, Que	
	AEROSPACE CONTROLS	**682 Colo Ave. Santa Monica, Cal**	**EX5-5216**
	A London #3 *7 B 360-895-1550-1555-1850		
Mo	Thomson Eng. Service	8230 Forsyth Blvd. St. Louis	PA7-7705
	AEROTEST LABS INC	**Comac Rd, Deer Park, NY**	**DE2-7201**
	L Pernet #25 *94 E 250		
Cal	Rubly Eng. Co	2140 Westwood Blvd. LA	
Colo	E Curry & Son	2755 S. Zurich Ct. Denver	
Conn	E B Gray	31 DeForest Rd. Wilton	
Fla	Ludlum Associates	P.O. Box 48-1337, Miami 48, Fla	TU5-3611
Ga	Allen C Craft	Box 11716, Northside Sta. Atlanta	
Md	Pace Inc	2814 Radius Rd. Wheaton	
NY	J Pashman	1010 Sherman Ave. Bronx	
Ohio	Scarp Engineering Sales Co	Box 2003, Kettering Br, Dayton 29, Ohio	TU5-2661
Tex	Kencar Co	Box 6770, Fort Worth	WA3-4476
Wash	James Findlay	Box 717, Bellevue	
	AEROTRON SUPPLY CO, INC	**13611 S Normandie Ave. Gardena, Cal**	**FA1-5911**
	R Greer *7 C 220-1285-1290-1545-1940		
	AEROTRONIC ASSOC. INC	**Box 367, Contoocook, NH**	
	S Hadley #7 *60 D 250-338-895-1215-1810		
Mass	H B Parker Co	13 Eaton Ct. Wellesley Hills 81	
NY	H B Parker Co	13 Eaton Ct. Wellesley Hills 81, Mass	
	AEROVOX CORP	**740 Belleville, New Bedford, Mass**	**WY4-9661**
	F Marshall #25 *2000 G 50-215-220-670-895-1135-1475-1730		
Ala	J Costello	2321 Homewood Dr. Orlando, Fla	GA3-2450
Ariz	Robert E McClendon	915 Yale Blvd, S.E., Albuquerque, NM	5-9710
Ark	Earl K Moore	5864 Louisville St, New Orleans, La	AU2407
Cal	Dewco Sales	6919 San Fernando Rd, Glendale 1,	
Colo	Connors Inc	5403 E. Evans Ave. Denver 22	SK6-9417
Conn	Gerber Sales Co.	48 Pearl St, Brookline, Mass	BE2-2425
Del	J A Simberkoff	68 Hudson St, Hoboken, NJ	HO2-5211
DC	J A Simberkoff	68 Hudson St, Hoboken, NJ	HO2-5211
Fla	J Costello	2321 Homewood Dr. Nela Island, Orlando	GA3-2450
Ga	J Costello	2321 Homewood Dr, Nela Island, Orlando,	
Ill	Jules Beneke	576 Arcade Bldg, St. Louis 1, Mo	CE1-1677
Ill	William Burgoyne	7001 N. Clark St, Chicago 26, Ill	HO5-2112
Ill	Ellinger Sales	6540 N.W. Hwy, Chicago 31, Ill	RO3-1570
Ill	LeRoy Eschner	20 N. Wacker Dr, Chicago, Ill	CE6-1533
Ind	F J Campisano	3965 Race Rd. Cinc Ohio	MO2-1616
Ind	Ellinger Sales Corp	6540 N. NW Hwy. Chicago 31, Ill	RO3-1570
Iowa	Ellinger Sales Corp	6540 N.W. Hwy, Chicago 31, Ill	RO3-1570
Kan	Ellinger Sales Corp	6540 N. Northwest Hwy. Chicago 31, Ill	RO3-1570
Ky	Frank J Campisano	5446 Greenacres Ct, Cincinnati 11, Ohio	HU1-2652
La	Earl K Moore	5864 Louisville St, New Orleans, La	AU2407
Me	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Md	J A Simberkoff	68 Hudson St, Hoboken, NJ	HO2-5211
Mass	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Mich	Carrier & Gable	155 W. Congress St, Detroit 26, Mich	WO1-1786
Minn	Fred B Hill Co	6110 Excelsior Blvd, Minnpls 16, Minn	WE9-6727
Miss	Earl K Moore	5864 Louisville St, New Orleans, La	AU2407
Mo	Ellinger Sales Corp	6540 N. Northwest Hwy. Chicago 31, Ill	RO3-1570
Mo	Jules Beneke	576 Arcade Bldg. St. Louis 1, Mo	CE1-1677
Neb	Ellinger Sales Corp	6540 N.W. Hwy, Chicago 31, Ill	RO3-1570
NH	Gerber Sales Corp	48 Pearl St, Brookline, Mass	BE2-2425
NJ	J A Sim Berkoff	68 Hudson St, Hoboken, NJ	HO2-5211
NM	Robert McClendon	915 Yale Blvd, S.E., Albuquerque, NM	5-9710
NY	Sydney Baum	70-15 Fleet St, Forest Hills 75, NY	BL3-8101
NY	J A Simberkoff	68 Hudson St, Hoboken, NJ	HO2-5211
NY	Martin P Andrews Inc	319 Mott Rd, Fayetteville, NY	FA65-8405
NC	J A Simberkoff	68 Hudson St, Hoboken, NJ	HO2-5211
ND	Fred B Hill Co	6110 Excelsior Blvd, Minnpls 16, Minn	WE9-6727
Ohio	Frank J Campisano	5446 Green Acres Ct, Cincinnati, Ohio	HU1-2652
Ohio	Charles P Dolfuss	2108 Payne Ave, Cleveland 14, Ohio	PR1-1270
Ohio	Kurt W Schmidt & Associates	P.O Box 572, Centerville, Ohio	TU5-2930
Ore	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	
Pa	Aerovox Corp	613 Cheltenham Ave. Phila 26	CA4-2727
Pa	Gene Root	733 Valle Vista Ave, Pittsburgh 34, Pa	
RI	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
SC	J Costello	2321 Homewood Dr. Orlando, Fla	GA3-2450
SD	Fred B Hill Co	6110 Excelsior Blvd, Minnpls 16, Minn	WE9-6727
Tenn	J Costello	2321 Homewood Dr. Orlando, Fla	GA3-2450
Tex	H Lieberman	6170 Sherry Ln. Dallas	EM3-3452
Utah	Connors Inc	5403 E. Evans Ave. Denver 22, Colo	SK6-9417
Vt	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Va	J A Simberkoff	68 Hudson St, Hoboken, NJ	HO2-5211
Wash	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	
W. Va	Gene Root	733 Valle Vista Ave, Pittsburgh, Pa	
Wisc	Ellinger Sales Corp	6540 N.W. Hwy, Chicago 31, Ill	
Wyo	Connors Inc	5403 E. Evans Ave. Denver 22, Colo	SK6-9417
Foreign	A D Auriema Inc	85 Broad St, New York, NY	BO9-7751
	AETNA ELECTRONICS CORP	**Readington Rd. North Branch, NJ**	**RA5-1000**
	J McDonald #3 *7 A 895-1915		
Cal	Paul Nurches Co	2398 E. Foothill Blvd. Pasadena	MU1-8957
Fla	Wm. J Brinkley Co	4501 4th St. N. St. Petersburg	HE6-1014
Mass	Anderson & Stone	200 Boylston St. Boston	
NJ	QED Electronic Sales	9 Elm Ave. Mt Vernon, NY	MO8-3100
NY	QED Electronic Sales	9 Elm Ave. Mt Vernon	MO8-3100
	AGARD ELECTRONICS CORP	**25 Boston Ave. New Hyde Park, NY**	**GE7-1065**
	D Easton #2 *20 B 975-1075		
NJ	Hecht Electronics	31 Snapdragon Ln. Roslyn Heights, NY	MA1-8462
NY	Hecht Electronics	31 Snapdragon Ln. Roslyn Heights	MA1-8462
	AGASTAT TIMING INSTRUMENTS ELASTIC STOP NUT CORP OF AMERICA	**1027 Newark Ave, Elizabeth 3, NJ**	**EL2-2900**
	W Feitner #12 *300 E 1460		
Ala	R L Atwell	306 St. Davids Ln, Richmond 21, Va	EL3-5145
Ariz	Carl Hower & Co	340 N Marshal Ave, Scottsdale	WH5-2471
Cal	R B Clapp Co	5400 Alhambra Ave, Los Angeles 32, Cal	CA5-2895
Cal	McCarthy Sales & Associates	1485 Bayshore Blvd, San Francisco, Cal	JU6-1860
Cal	John C Henberger	4434 Ingraham St, San Diego 9	BR4-6283
Colo	Mountain States Machinery Co	1525 Blake St, Denver, Colo	CH4-7421
Conn	Electrical Apparatus Co., Inc	1200 Soldiers Field Rd, Boston 34, Mass	ST2-7440
DC	Irving M Day Co	723 Mills Bldg. Washington 6, DC	ST3-2982
Fla	A K Whitaker	1315 21st St, W. Bradenton, Fla	BR6-2905
Ga	R L Atwell	306 St. Davids Ln, Richmond, Va	EL3-5145
Ill	Newman-Krause Co	5451 W. Lawrence Ave, Chicago, Ill	PE6-6777
Ind	Law Instrument Co	P.O. Box 95, Angola, Ind	217
Kan	Charles D Jones Co	3023 Main St, Kansas City 8, Kan	LO1-3763
La	Walter E Bornemann	4719 Cartier Ave, New Orleans 22, La	FA2504
Me	Electrical Apparatus Co., Inc	1200 Soldiers Field Rd, Boston 34, Mass	ST2-7440
Md	C N McDavitt	Box 8, Pilgrim Gardens Sta, Drexel Hill, Pa	KI4-2588
Mass	Electrical Apparatus Co., Inc	1200 Soldiers Field Rd, Boston 34, Mass	ST2-7440
Mich	Hilltronics Inc	13720 Puritan Ave, Detroit 27	BR2-4320
Minn	Electrical Jobbers Equipment Co	615 4th Ave, S., Minnpls 15, Minn	FE6-6321
Mo	Baker Control & Engineering Co	4330 W. Papin St, St. Louis 10, Mo	JE4948
NH	Electrical Apparatus Co., Inc	1200 Soldiers Field Rd, Boston 34, Mass	ST2-7440
NY	Robert F Lamb Co	3407 Delaware Ave, Buffalo 17, NY	BE3757
NY	J F Wulfetange Jr	4505 E. Genessee St, DeWitt 14, NY	GI6-3330
Ohio	Jay Engineering Co	1721 E. 3rd St, Dayton 3, Ohio	CL3-2151
Ohio	Jay Engineering Co	4712 W 130th, Cleveland 35, Ohio	CL2-0486
Okla	Harold Furtney Co	P.O. Box 7081, Brookside Sta, Tulsa 5,	RI7-6490
Ore	Andrew L Polich Inc	734 N.W. Glisan St, Portland 9, Ore	CA3-6241
Pa	C N McDavitt	Box 8, Pilgrim Gardens Sta, Drexel Hill, Pa	KI4-2588
Pa	Foster-McClinton, Inc	Cochrane & Greentree, Pittsburgh 20, Pa	LE1-7113
Tex	P J Scanlon Co	2608 Inwood Rd, Dallas 35, Tex	FL1-9991
Tex	Industrial Equipment Co	6801 Navigation Blvd, Houston 11, Tex	WA8-5431
Utah	Pace-Turpin Co	728 S. 3rd W., Salt Lake City, Utah	DA2-5595
Va	R L Atwell	306 St. Davids Ln, Richmond 21, Va	EL3-5145
Wash	Seatronics, Inc	1807 Norman St, Seattle 44, Wash	EA3-8545
W Va	G H Zimmerman & Co	2608 Inwood Rd, Charleston 25, W Va	DI2-2212
Wyo	Mt States Machinery Co	1525 Blake St, Denver, Colo	CH4-7421
Can	ESNA Canada, Ltd	12 Gower St, Toronto 16, Ont	PL5-5297
•	**AINSLIE CORP**	**531 Pond St, S. Braintree 85, Mass**	**VI8-0850**
	H Ainslie #10 *60 D 45-135-520-865-895-1120-1135-1170-1410		
	AIR CONTROL, INC	**450 Narberth Ave, Narberth, Pa**	**MO4-6300**
	S Gilbert, Jr #1 *10 C 180-250-360-445-590-670-1375-1575		
Ala	Murphy & Cota	2110 Peachtree Rd NW, Atlanta, Ga	TR6-3020
Cal	Ray Products, Inc	703 S Palm Ave, Alhambra	AT2-3440
Conn	Drew Associates Inc	P.O. Box 432, Milford, Conn	
Del	Albert K de Sherbinin	824 Mt. Pleasant Rd, Bryn Mawr, Pa	LA5-0121
DC	Albert K De Sherbinin	824 Mt. Pleasant Rd, Bryn Mawr, Pa	LA5-0121
Fla	Murphy & Cota	2319 E South St, Orlando	GA4-2167
Ga	Murphy & Cota	2110 Peachtree Rd NW, Atlanta	TR6-3020
Ill	John G Twist Co	5232 W. Diversey Ave, Chicago 39, Ill	SP7-2250
Ill	McDowell-Redlingshafer	1103 Armour St, Kansas City 6, Mo	WE1-5622
Ind	Robert O Whitesell & Associates	6620 E. Washington St, Indianapolis, Ind	FL9-5374
Iowa	McDowell-Redlingshafer	1103 Armour St, Kansas City 6, Mo	WE1-5622
Kan	McDowell-Redlingshafer	1103 Armour St, Kansas City 6, Mo	WE1-5622
Ky	Robert O Whitesell & Associates	P.O. Box 2717, Cincinnati 37, Ohio	
Me	Drew Associates Inc	56 The Great Rd, Bedford, Mass	CR4-7232
Md	Albert De Sherbinin	824 Mt Pleasant Rd. Bryn Mawr, Pa	LA5-0121
Mass	Drew Associates Inc	56 The Great Rd, Bedford, Mass	CR4-7232
Minn	Grant Sales Co	1415 S. 2nd St, Minneapolis 4, Minn	FE2-6955
Miss	Murphy & Cota	2110 Peachtree Rd. NW, Atlanta, Ga	TR6-3020
Mo	Mc Dowell-Redlingshafer	1103 Armour St, Kansas City, Mo	WE1-5622
Neb	McDowell Redlingshafer	1103 Armour St, Kansas City, Mo	WE1-5622
NH	Drew Associates Inc	56 The Great Rd, Bedford, Mass	CR4-7232
NJ	Paul D Aaron Associates	Professional Bldg, Port Washington, NY	PO7-8480
NJ	Albert K De Sherbinin	824 Mt. Pleasant Rd, Bryn Mawr, Pa	LA5-0121
NY	Paul D Aaron Associates	Professional Bldg, Port Washington, NY	PO7-8480
NC	Murphy & Cota	221 Latta Arcade, Charlotte 2	FR5-2317
NC	Murphy & Cota	1106 Burke St, Winston-Salem	PA4-0750
Ohio	Robert O Whitesell & Associates	6620 E. Washington St, Indnpls 19, Ind	FL9-5374
Pa	Robert O Whitesell & Associates	P.O. Box 5, Westlake, Ohio	
RI	Drew Associates Inc	56 The Great Rd, Bedford, Mass	CR4-7232
SC	Murphy & Cota	221 Latta Arcade, Charlotte 2, NC	FR5-2317
Tenn	Murphy & Cota	2110 Peachtree Rd NW, Atlanta, Ga	TR6-3020
Vt	Drew Associates Inc	56 The Great Rd, Bedford, Mass	CR4-7232
Va	Murphy & Cota	1106 Burke St, Winston-Salem, NC	PA4-0750
W. Va	Robert O Whitesell & Associates	6620 W. Washington St, Indnpls 19, Ind	FL9-5374
Wisc	Grant Sales Co	1415 S. 2nd St, Minnpls 4, Minn	FE2-6955
	AIR CONTROL INSTALLATIONS LTD	**Ruislip, Middx, England**	
	105-670		
•	**AIR-MARINE MOTORS INC**	**369 Bayview Ave, Amityville, NY**	**AM4-3700**
	W Sly #8 *130 E 105-1165		
Ala	V A McConvey Co	2248 3rd St. NW Birmingham	VE6-5769
Ariz	C Hower and Co	340 N. Marshall, Scottsdale	WH5-2471
Cal	Air-Marine Motors Inc	2221 Barry Ave, Los Angeles, Cal	BR2-6489
Cal	Deere Electronics	1575 Laurel St. San Carlos	LY1-4423
Colo	Elcom	2149 S. Clermont, Denver	SK7-1261
Conn	C LeBlanc Sales	Box 621, Orange	SY9-2887
Fla	V Avis McConvey Co	708 San Juan Blvd, Orlando, Fla	CR7-1866
Ga	V A McConvey Co	Box 606, Decatur	DR7-6167
Kan	Halgin Sales Co	5920 Nall Rm 311, Mission, Kan	RA2-2441
Mass	Cirolia LeBlanc Sales Co	885 Main St, Waltham, Mass	TW3-2742
Minn	Anderson & Associates	3825 York Ave, N., Minneapolis, Minn	JU8-2523
Mo	Halgin Sales Co	721 Olive St, St. Louis 1, Mo	CH1-6919
NJ	Wally Shulan & Co	880 Bergen Ave, Jersey City, NJ	WO2-0865
NM	Elcom	3321 San Pedro Dr. Albuquerque	AM8-8804
Ohio	G & H Sales Co	Center Roselawn Bldg, Cincinnati Ohio	JE1-0553
Utah	Elcom	544 E. 4800 S. Salt Lake City	AM6-2990
Canada	Aircraft Appliances & Equip Ltd	585 Dixon Rd, Ontario, Canada	CH4-5506
	AIR-O-TRONICS ENGINEERING CO	**Morrisville, NY**	**OV4-4705**
	S Trush #2 *25 A 25-220-325-345-895-925-1155-1315-1325-1460-1735-1785		
•	**AIR PRODUCTS, INC**	**Box 538, Allentown, Pa**	**EX5-3311**
	G Kiddoo #250 *2,100 G 370-748-885		
Cal	Air Products, Inc	6701 S Sepulveda Blvd, LA 45	OR2-5161
DC	Air Products, Inc	1012 14th St NW, Wash 5	ME8-2674
Fla	Air Products, Inc	179 Fairbanks W, Winter Park	MI4-1324
Ill	Midwest Air Products	2204 Monroe St, Granite City	GL2-8100
Ind	Midwest Air Products, Inc	912-14 S Lafayette Blvd, South Bend	AT8-4641
Md	Air Products of Maryland	Box 972, Edgewood	
Minn	Air Products of Minnesta	Box 868, Minneapolis 40	
Mo	Air Products of Missouri	2550 Warwick Trafficway, K C 8	
NJ	Air Products, Inc	Oak Tree Rd, Iselin	LI8-4600
NJ	Air Products, Inc of Newark	Wilson & Doremus Aves, Newark	MI3-3592
NY	Air Products of New York, Inc	13-11 44th St, Long Island City	ST4-6562
Ohio	Air Products, Inc	3241 Superior Ave, Cleveland 14	SU1-2800
Ohio	Air Products, Inc	2801 Far Hills Ave, Dayton 19	AS9-1457
Ohio	Air Products, Inc	Box 434, Painesville	EL2-4649
Pa	Air Products, Inc of Penna	Oak Lane & B&O RR, Collingdale	LU3-6900
Va	Air Products, Inc	Box 657, Hopewell	GL8-2024
W Va	Air Products, Inc of West Va	520 Camden St, Parkersburg	HU5-5587
	AIR REDUCTION SALES CO	**150 E 42 St. New York 17, NY**	**MU2-6700**
	L Berg G 700-748-895-1075-1945		
Ala	Air Reduction Sales Co	124 S 16th St. Birmingham 2	FA2-4444
Fla	Air Reduction Sales Co	6805 14th Ave. Tampa 5	TA4-6155
Ill	Air Reduction Sales Co	3100 S Homan Ave. Chicago 23	BI7-6100
Iowa	Air Reduction Sales Co	2561 State St. Bettendorf	DA5-2661
Ky	Air Reduction Sales Co	550 S 5th St. Louisville 1	JU4-6193
La	Air Reduction Sales Co	4329 Choctaw Rd. Baton Rouge 5	EL7-7546
Mass	Air Reduction Sales Co	122 Mount Vernon St. Boston 25	GE6-2810
Mich	Air Reduction Sales Co	7991 Hartwick St. Detroit 11	TR4-2600
Minn	Air Reduction Sls Co	2429 University Ave. Mnpls 14	FE2-7311
Mo	Air Reduction Sales Co	2701 Warwick Trafficway, Kansas City 8	VI2-9350
Mo	Air Reduction Sales Co	630 S 2nd St. St Louis 2	CH1-8323
NJ	Air Reduction Sales Co	181 Pacific Ave. Jersey City 4	DE3-7100
NY	Air Reduction Sales Co	1276 Military Rd. Buffalo 17	RI8500
NC	Air Reduction Sales Co	2300 South Blvd. Charlotte 1	ED3-1157
Ohio	Air Reduction Sales Co	1210 W 69th St. Cleveland 2	AT1-7400

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ohio	Air Reduction Sales Co	Sellars Rd at Springboro Pike, Dayton	AX8-5201
Pa	Air Reduction Sales Co	Allegheny Ave & 17th St. Phila 40	BA8-2000
Pa	Air Reduction Sales Co	1116 Ridge Ave. Pittsburgh 33	FA1-7150
Tex	Air Reduction Sales Co	401 Watson School Rd. Arlington	CR5-3246
Tex	Air Reduction Sales Co	Old Fort Bliss Rd. El Paso	KE3-4443
Tex	Air Reduction Sales Co	3603 Cherry St. Houston 26	CA8-9353
Wis	Air Reduction Sales Co	818 W Winnebago St. Milwaukee 5	BR1-2076
	AIRBORN CONNECTORS INC	**Box 13251, Dallas 20, Tex**	**FL2-1648**
	C Kemp #3 *24 A 345		
Ala	Kemp Eng Co	507 Franklin St. SE, Huntsville	534-5351
Ariz	Randolph Eng	1029 N. 1st, Phoenix	
Cal	Randolph Eng. Corp	1436 El Camino Real, Menlo Park	DA4-4222
Cal	Randolph Eng. Corp	Box 2097, El Monte	CU3-4183
Colo	The Peterson Co	4949 Colorado Blvd. Denver 16	
Del	Arco Eng. Co	1000 16th St. NW. Wash. DC	EX3-5991
DC	Arco Eng Co	1000 16th St. NW, Washington	EX3-5991
Ill	Kemp Eng. Co. Inc	6414 A Hampton St. St. Louis 9, Mo.	
Ill	R S Terhune & Assoc	22 W. Madison, Chicago 2	FI6-0053
Ind	R S Terhune & Assoc	22 W. Madison, Chicago 2, Ill	FI6-0053
Kan	Kemp Eng. Co. Inc	6414 A Hampton St. St. Louis 9, Mo.	
Mich	S Sterling Co	15310 W. McNichols Rd. Detroit 35	
Minn	The Klass Co	Mnpls 4	
Miss	Kemp Eng. Co. Inc	507 Franklin St. SE. Huntsville, Ala	534-5351
Mo	Kemp Eng. Co. Inc	6414 A Hampton St. St. Louis 9	
NJ	Ballou Inc	51 N. Broad St. Ridgewood	WO4-4640
NM	Sei Inc. New Mexico	Box 8284, Albuquerque	AL5-2278
Ohio	S Sterling Co	15310 W. McNichols Rd. Detroit 35, Mich.	
Okla	Kemp Eng. Co. Inc	Box 13251, Dallas 20, Tex	FL7-6663
Ore	E F Reiber Co	Box 1621, Seattle 55, Wash.	
Pa	S Sterling Co	15310 W. McNichols Rd. Detroit 35, Mich.	
Tenn	Kemp Eng. Co. Inc	507 Franklin St. SE. Huntsville, Ala	534-5351
Tex	Kemp Eng. Co. Inc	Box 13251, Dallas 20	FL7-6663
Utah	The Peterson Co	521 W. 4th N. Salt Lake City 16	EL5-8171
Wash	E F Reiber Co	Box 1621, Seattle 55	
Wis	Klass Co	814 S. 9th St. Mnpls 4, Minn	FE8-8467
	AIRBORNE ACCESSORIES CORP	**1414 Chestnut Ave, Hillside, NJ**	**MU8-0250**
	W Rhodes #30 *335 20-220-365-670-895-915-1460		
Ariz	Western Eng Co	8905 N 17th St. Phoenix	WI4-0431
Cal	Len-Bar Co Electronics	5058 Faculty, Lakewood	
Cal	Airborne Accessories Corp	8402 1/2 Lincoln Blvd, Los Angeles 45,	SP6-1770
Cal	Castle-Tipton & Associates	3270 Rosecrans St, San Diego 10, Cal	AC2-1408
Cal	L A Nott & Co	1061 Howard St. S F 3	HE1-4738
Colo	Western Engineering Co	346 Enterprise Bldg, Denver 2, Colo	AM6-2714
Ga	Aeromart	3230 Peachtree Rd, N.E, Atlanta 5, Ga	CE3-5519
Tex	Mid-Western District Sales Office	2720 W. Mockingbird Ln, Dallas 35, Tex	FL2-9237
Wash	Hall Engineering Co	1430-130th St, N.E. Bellevue, Wash	GL4-9511
Foreign	Trading Co Avio-Diepen N J	Ypenburg Airport, The Hague, Holland	183200
Canada	Winnett Boyd Ltd	745 Mt. Pleasant Rd, Tor 7, Ont, Can	HU1-3722
•	**AIRBORNE INSTRUMENTS LAB DIV CUTLER-HAMMER INC**	**Comac Rd, Deer Park, NY**	**MY2-6100**
	J Bisby #800 *2500 G 50-895-1135		
Ala	S S Lee Assoc, Inc	Utilities Bldg, Huntsville, Ala	JE6-0631
Alas	Ray Johnson Co, Inc	1011 E 69th St, Seattle 15, Wash	LA4-5170
Cal	Wright Engineering Co	180 E Cal Blvd, Pasadena, Cal	MU1-8488
Colo	Hytronic Measurements, Inc	1295 S Bannock, Denver 23, Colo	PE3-3701
Conn	George Gregory Associates	P.O. Box 243, Cheshire, Conn	AT8-2900
Fla	S S Lee Assoc, Inc	718 W Smith Ave, Orlando, Fla	CH1-4445
Haw	Cutler-Hammer International, CA	270 N 12th St, Milwaukee, Wis	BR1-7800
Ill	Walter F Marsh & Assoc	244 Chicago Ave, Oak Park, Ill	EU6-2967
Md	S S Lee Assoc, Inc	2521 Ennalls Ave, Wheaton, Md	LO5-3066
Mass	George Gregory Assoc	7 Erie Dr, Natick, Mass	OL5-1330
Mich	Electro Sales Assoc	36500 Weidman Rd, Mt Clemens, Mich	HO8-2461
NJ	L A Garten & Assoc	375 Passaic Ave, Caldwell, NJ	BO9-4339
NM	Hytronic Measurements, Inc	211 Sierra SE, Albuquerque, NM	AL5-0669
NY	Naco Electronics Corp	119 Luther Ave, Liverpool, NY	GR4-7481
NY	L A Garten & Assoc	375 Passaic Ave, Caldwell, NJ	BO9-4339
NC	S S Lee Assoc, Inc	P.O. Box 906, Winston-Salem, NC	ST8-0431
Ohio	Electro Sales Assoc	Dabel Sta-Box 143, Dayton, Ohio	CH4-5551
Pa	L A Garten & Assoc	731 Washington Ln, Jenkintown, Pa	WA7-1200
Tex	Wallace Associates	P.O. Box 13203, Dallas 20, Tex	FL7-8401
Utah	Hytronic Measurements Inc	2022 S Main St, Salt Lake City, Utah	IN6-4924
Wash	Ray Johnston Co, Inc	1011 E 69th St, Seattle, Wash	LA4-5170
For	Cutler-Hammer, International CA	270 N 12th St, Milwaukee 1, Wis	BR1-7800
	AIRCRAFT ARMAMENTS INC	**Cockeysville, Md**	**NO6-1400**
	M Kuhn #250 *750 G 180-285-670-895-1135-1425-1550-1555-1610		
	AIRCRAFT INSTRUMENTS CO	**King of Prussia Rd @ Montgomery Ln, Radnor, Pa**	**MU8-0151**
	G Peterson #1 *9 A 685-895-1810		
Cal	Ashe-Armstrong Co	6241 W. 89th St, Los Angeles 45, Cal	SP6-2766
Colo	Fred A Pease	4921 E. 38th Ave, Denver 7, Colo	FR7-2336
Conn	Emlen-Peterson Co	P.O. Box 12, Radnor, Pa	MU8-0151
Del	Emlen-Peterson Co	P.O. Box 12, Radnor, Pa	MU8-0151
DC	Emlen-Peterson Co	P.O. Box 12, Radnor, Pa	MU8-0151
Kan	H A Roes & Co	2601 Cherry, Kansas City 8, Kan	BA1-0866
Md	Emlen-Peterson Co	Montgomery Ln @ King of Prussia Rd, Radnor, Pa	MU8-0151
NJ	Emlen-Peterson Co	P.O. Box 12, Radnor, Pa	MU8-0151
NY	Emlen-Peterson Co	P.O. Box 12, Radnor, Pa	MU8-0151
Ohio	Fred L Ohmer & Associates	P.O. Box 2013, Kettering Br, Dayton 29, Ohio	AX3-4530
Pa	Emlen-Peterson Co	P.O. Box 12, Radnor, Pa	MU8-0151
Tex	Max Daggett Jr	P.O. Box 30152, Dallas 30, Tex	FL7-1256
Va	Emlen-Peterson Co	P.O. Box 12, Radnor, Pa	MU8-0151
Wash	Avionics Liaison, Inc	Boeing Field, Seattle 8, Wash	PA3-7602
	AIRCRAFT RADIO CORP	**Boonton, NJ**	**DE4-1800**
	45-95-325-360-390-550-1425-1845-1870		
	AIRDESIGN CORP	**P. O. Box 987, Norristown, Pa**	**BR9-4100**
	F House #3 *60 D 255-320-670-1135-1340-1855		
	AIRECO INC	**2323 2nd Ave, Schenectady 3, NY**	**EL5-6545**
	H Levine #2 *11 D 250		
	AIRFLOW CO	**400 S. Stonestreet Ave, Rockville, Md**	**GA4-6166**
	#3 *25 D 370-445-825		
Alaska	Premmco Inc	5470 Valley Blvd, Los Angeles 32, Cal.	CA2-0167
Ariz	Premmco Inc	5470 Valley Blvd, Los Angeles 32, Cal.	CA2-0167
Cal	Premmco Inc	5470 Valley Blvd, Los Angeles 32, Cal.	CA2-0167
Cal	Premmco Inc of Northern Cal	2406 Lincoln Ave, Alameda, Cal	LA3-9495
Colo	Premmco Inc	5470 Valley Blvd, Los Angeles 32, Cal.	CA2-0167
Conn	Robert W Gray, Inc	47 DeForest St, Watertown, Conn	CR4-2362
Hawaii	Premmco Inc	5470 Valley Blvd, Los Angeles 32, Cal.	CA2-0167
Idaho	Premmco Inc	5470 Valley Blvd, Los Angeles 32, Cal.	CA2-0167
Mass	Robert W Gray, Inc	572 Washington St, Wellesley 81, Mass	CE5-5296
Mont	Premmco Inc	5470 Valley Blvd, Los Angeles 32, Cal.	CA2-0167
Nev	Premmco Inc	5470 Valley Blvd, Los Angeles 32, Cal.	CA2-0167
NM	Premmco Inc	5470 Valley Blvd, Los Angeles 32, Cal.	CA2-0167
Ore	Premmco Inc of Northern Cal	2406 Lincoln Ave, Alameda, Cal	LA3-9495
RI	Robert W Gray, Inc	47 DeForest St, Watertown, Conn	CR4-2363
Utah	Premmco Inc	5470 Valley Blvd, Los Angeles 32, Cal.	CA2-0167
Wash	Premmco Inc of Northern Cal	2406 Lincoln Ave, Alameda, Cal	LA3-9495
Wyo	Premmco Inc	5470 Valley Blvd, Los Angeles 32, Cal.	CA2-0167
•	**AIRFLYTE ELECTRONICS CO**	**535-9 Avenue A, Bayonne, N J**	**HE6-2220**
	M Feinman #4 *75 D 160-280-330-338-355-585-1150-1485-1625-1735-1810		
Ala	Floyd Fausett	777 Pinehurst Terr SW, Atlanta, Ga	
Conn	Kitchen & Kutchen	789 Mass Ave. Lexington, Mass	
DC	R B Barnhill & Assoc	19 W Penna Ave. Baltimore 4, Md	VA5-3900
Del	R B Barnhill & Assoc	19 W Penna Ave. Baltimore 4, Md	VA5-3900
Fla	Floyd Fausett	777 Pinehurst Terr SW, Atlanta, Ga	
Ga	Floyd Faussett	777 Pinehurst Terr SW, Atlanta 10, Ga	
Ill	Caine Sales	4120 W Lawrence Ave, Chicago 30, Ill	SP7-4022
Ind	Lee Sales	4447 Needmore Rd. Dayton, Ohio	BE3-1526
Iowa	Caine Sales	4120 W Lawrence Ave. Chicago, Ill	SP7-4022
Me	Kitchen & Kutchen	789 Mass Ave. Lexington, Mass	
Md	R B Barnhill & Assoc	19 W Pennsylvania Ave, Baltimore 4, Md	VA5-3900
Mass	Kitchen & Kutchin	789 Mass Ave, Lexington, Mass	VO2-8230
Mich	Jim Morrow Sales	13149 Hamilton Ave, Highland Park, Mich	TO5-7600
Minn	Caine Sales	4120 W Lawrence Ave. Chicago, Ill	SP7-4022
NH	Kitchen & Kutchen	789 Mass Ave. Lexington, Mass	
NJ	Reed & Riddett	19 Sylvan Ave, Englewood Cliffs, NJ	WI7-0100
NY	Reed & Riddett	19 Sylvan Ave, Englewood Cliffs, NJ	WI7-0100
Ohio	Lee Sales	4447 Needmore Rd, Dayton, Ohio	BE3-1526
Pa	Thomas M Mills Co	138 Tanner St, Haddonfield, NJ	HA9-1005
RI	Kitchen & Kutchen	789 Mass Ave. Lexington, Mass	
SC	Don Hawthorne	Stony Point Hwy, Greenwood, SC	
Va	R B Barnhill & Assoc	19 W Penna Ave. Baltimore 4, Md	VA5-3900
Vt	Kitchen & Kutchen	789 Mass Ave. Lexington, Mass	
Wis	Caine Sales	4120 W Lawrence Ave. Chicago, Ill	SP7-4022
	AIRMEC LTD	**High Wycombe, Buckinghamshire, England**	**2501**
	338-360-895-1810		
NY	Electronic & Television Consultants	Box 47, Highbridge Sta, New York, NY	
•	**AIRPAX ELECTRONICS INC CAMBRIDGE DIV**	**Cambridge, Md**	**AC8-4600**
	W Hodsler #5 *250 E 275-345-470-895-915-1340-1855		
	SEMINOLE DIV	**Fort Lauderdale, Fla**	**LU3-4160**
	F Marsh #25 *240 E 275-325-338-360-470-475-895-1145-1420		
Ala	James L Highsmith & Co	3012 Acklen Dr. SW, Huntsville	JE9-6734
Ariz	Carter Associates	Box 94, Scottsdale, Ariz	WH5-3611
Cal	Airpax Electronics Inc	2550 E. Foothill Blvd, Pasadena, Cal	SY5-8377
Cal	Robert L Pflieger Co	1652 Laurel St, San Carlos, Cal	LY1-0396
Colo	Vinson Associates	3600 S Lincoln, Englewood	SU9-2203
Conn	Drew Associates Inc	Box 467, Bedford, Mass	CR4-7232
Del	Airpax Electronics Inc	8113 Fenton St, Silver Spring, Md	JU8-4232
DC	Airpax Electronics Inc	8113 Fenton St, Silver Spring, Md	JU8-4232
Ga	James Highsmith & Co	3733 Monroe Rd, Charlotte, NC	FR7-2546
Idah	Vinson Associates	3600 S Lincoln, Englewood, Colo	SU9-2203
Ill	Ringland M Krueger	4738 N Harlem Ave. Chicago 31	UN7-7100
Ind	Tent Enterprises, Inc	16257 Meyers Rd. Detroit 35, Mich	UN3-2665
Iowa	George E Harris & Co., Inc	526 Merchants Natl Bank, Cedar Rapids	EM2-6302
Kan	George E Harris & Co., Inc	3527 Broadway, Kansas City, Mo	WE1-4884
Kan	George E Harris & Co. Inc	2522 E Douglas Ave. Wichita 8	MU3-9226
Me	Drew Associates	Box 467, Bedford, Mass	CR4-7232
Md	Airpax Electronics Inc	8113 Fenton St, Silver Spring, Md	JU8-4232
Mass	Drew Associates Inc	Box 467, Bedford, Mass	CR4-7232
Mich	Tent Enterprises, Inc	16257 Meyers Rd. Detroit 35	UN3-2665
Minn	Fred Peterson Co	2431 Hennepin Ave, Minneapolis, Minn	FR7-3022
Mo	George E Harris & Co. Inc	Old Nat. Guard Hangar, Hazelwood	PE1-6848
Mo	George E Harris & Co. Inc	2522 E Douglas Ave. Wichita 8, Kan	MU3-9226
Neb	George E Harris & Co. Inc	2522 E Douglas Ave. Wichita 8, Kan	MU3-9226
Nev	Robert L Pflieger Co	1652 Laurel St, San Carlos, Cal	LY1-0396
NH	Drew Associates Inc	Box 467, Bedford, Mass	CR4-7232
NJ	John DiBlasi Associates Inc	90 Main St, Port Washington, NY	PO7-0470
NJ	Airpax Electronics Inc	8113 Fenton St, Silver Spring, Md	JU8-4232
NM	Carter Associates	Box 94, Scottsdale, Ariz	WH5-3611
NY	Reed-Tollefson Corp	32 Main St. Alexander	FI3-5898
NY	Reed-Tollefson Corp	2305 Country Club Rd. Endicott	PI8-7391
NY	Reed-Tollefson Corp	2815 Monroe Ave. Rochester 18	GR3-2767
NY	John DiBlasi Associates Inc	90 Main St, Port Washington, NY	PO7-0470
NC	James Highsmith & Co	3733 Monroe Rd, Charlotte, NC	FR7-2546
Ohio	Technical Associates Inc	4475 Lander Rd, Chagrin Falls, Ohio	TE1-9884
Ohio	Technical Associates, Inc	1724 Hillwood Dr. Dayton 39	AX9-5374
Ohio	Charles P Haswell	Box 624, Far Hills Branch, Dayton 19	AX8-3331
Okla	George E Harris & Co. Inc	1345 Hurst Blvd. Hurst, Tex	AT4-0551
Ore	George E Harris & Co., Inc	444 Dexter Horton Bldg, Seattle, Wash	MA4-1673
Pa	Airpax Electronics Inc	8113 Fenton St, Silver Spring, Md	JU8-4232
RI	Drew Associates	Box 467, Bedford, Mass	CR4-7232
SC	James Highsmith & Co	3733 Monroe Rd, Charlotte, NC	FR7-2546
Tenn	James Highsmith & Co	3733 Monroe Rd, Charlotte, NC	FR7-2546
Tex	George E Harris & Co. Inc	1345 Hurst Blvd. Hurst	AT4-0551
Utah	Vinson Associates	3600 S Lincoln, Englewood, Colo	SU9-2203
Vt	Drew Associates Inc	Box 467, Bedford, Mass	CR4-7232
Va	James L Highsmith & Co	P O Box 536, Richmond	EL9-1411
Va	Airpax Electronics Inc	8113 Fenton St, Silver Spring, Md	JU8-4232
Wash	George E Harris & Co., Inc	444 Dexter Horton Bldg, Seattle, Wash	MA4-1673
Wis	Airpax Electronics, Inc	425 W Minor Circle, Milwaukee 17	FL2-2670
Wis	Tent Enterprises, Inc	16257 Meyers Rd. Detroit 35, Mich	UN3-2665
Wisc	Fred Peterson Co	2431 Hennepin Ave, Minneapolis, Minn	FR7-3022
Wyo	Vinson Associates	3600 S Lincoln, Englewood, Colo	SU9-2203
For	B Frei...berg, Inc	50 Rockefeller Plaza, New York 20, NY	PL7-9130
Can	Leonard Electric, Ltd	946 Bering Ave. Toronto 18, Ont	BE9-2765
	AIRTEC INC	**139 E. First Ave, Roselle, NJ**	**CH5-2990**
	R LeNoble #9 *34 D 95-285-650-895-1045-1135-1170-1705-1895-1955		
Ariz	Connelly Sales Co	Box 485, La Mirada, Cal	RA3-8611
Cal	West Eleven Inc	8961 Sunset Blvd, Los Angeles 46, Cal.	CR4-7578
Del	East Coast Liaison Inc	Box 243, Lutherville, Md	VA5-4449
Fla	Norman Hardy Associates	444 Second Ave, Melbourne, Fla	
Md	East Coast Liaison Inc	Box 243, Lutherville, Md	VA5-4449
Mass	Micronic Sales Co	25 Grant St, Waltham	TW3-7000
Nev	Connelly Sales Co	Box 485, La Mirada, Cal	RA3-8611
NJ	Micronic Sales Co	25 Grant St, Waltham, Mass	TW3-7000
NM	R F Kimball Co	3824 Mockingbird Ln, Dallas 5, Tex	LA1-7876
NY	S Foster Co	204 Southfield Dr. Fayetteville	NE7-6137
NY	Albert Clarfield	90 Roberts Pl, Roosevelt	PL7-6454
NY	Du Bovy Associates	144-45 35th Ave, Flushing, NY	
NC	East Coast Liaison Inc	Box 243, Lutherville, Md	VA5-4449
Ore	West Eleven Inc	8961 Sunset Blvd, Los Angeles 46, Cal.	CR4-7578
Tex	R F Kimball Co	3824 Mockingbird Ln, Dallas 5, Tex	LA1-7876
Va	East Coast Liaison Inc	Box 243, Lutherville, Md	VA5-4449
Wash	West Eleven Inc	8961 Sunset Blvd, Los Angeles 46, Cal.	CR4-7578
	AIRTRON DIV OF LITTON INDUSTRIES	**200 E. Hanover Ave, Morris Plains, NJ**	**JE9-6500**
	K Kline #32 *600 45-50-330-338-380-385-410-500-670-745-790-795-1025-1045-1085-1135-1200-1575		
Ariz	Fry Co	355 N. Scottsdale Rd. Scottsdale	WH5-3281
Cal	Litton Industries Components Group	5873 Rodes Rd. LA 16	UP0-9922
Colo	Scientific Instrument Co	1460 Pennsylvania St, Denver 3, Colo	AL5-2777
Conn	Sales Eng Co	Sugar Lane, Newtown	GA6-4434
DC	T C Britt	1500 Massachusetts Ave, N.W., Wash	CO5-2684
Del	Dickison Sales	302 York Rd, Towson 4, Md	VA3-0923
Fla	W F Hemminger Co	624 N.E. 79th St, Miami 38, Fla	PL9-0300
Ill	R Whitmore & Assoc	520 N. Michigan Ave. Chicago	MO4-1904
Ind	R O Whitesell & Associates	6620 E. Washington St, Indianapolis, Ind	FL9-5374
Iowa	W E Fry & Co	406 W. 34th St, Kansas City, Mo	JE1-5236
Kan	W E Fry & Co	406 W. 34th St. Kansas City, Mo	JE1-5236
Ky	R O Whitesell & Assoc. Inc	400 N 38th St. Louisville	SP6-2024
Me	Sales Eng. Co	33 Sudbury Rd. Concord, Mass	EM9-3943
Md	Dickison Sales	302 York Rd, Towson 4, Md	VA3-0923
Mass	Sales Eng. Co	33 Sudbury Rd. Concord	EM9-3943
Mich	R Whitmore & Associates	605 N. Michigan Ave, Chicago, Ill	MO4-1904
Mo	W E Fry & Co	6616 W. Florissant Ave, St. Louis 20, Mo	EV2-3500
Neb	W E Fry & Co	406 W 34th St. Kansas City, Mo	JE1-5236
NH	Sales Eng. Co	33 Sudbury Rd, Concord, Mass	EM9-3943
NJ	Dickison Sales	302 Marlton Pike, Erlton, NJ	HA8-4586
NJ	Litton Industries Components Grp	456 Sylvan Ave. Englewood Cliffs	LO7-6800
NM	Fry Co	355 N. Scottsdale Rd. Scottsdale, Ariz	WH5-3281
NY	Litton Industries Components Gr	456 Sylvan Ave. Englewood Cliffs, NJ	LO7-6800
Ohio	Andy Grimm	1731 Ruskin Rd. Dayton	CR7-1481
Ohio	R O Whitesell & Assoc. Inc	21139 Lorain Ave. Cleve	ED3-2585
Ohio	R O Whitesell & Assoc. Inc	21139 Lorain Ave. Cleve	ED3-2585
Ohio	R O Whitesell & Assoc. Inc	2600 Far Hills Bldg. Dayton	AXP-4261
Okla	J F McKinney Sales	1303 Chemical St. Dallas, Tex	RI1-1358
Pa	R O Whitesell & Assoc. Inc	Box 2717, Cinc 37, Ohio	ME1-9210
Pa	Dickinson Sales	302 Marlton Pike, Erlton, NJ	HA8-4586
RI	Sales Eng Co	Sugar Lane, Newton, Conn	GA6-4434
Tex	J F McKinney Sales	1303 Chemical St, Dallas, Tex	RI1-1358
Utah	Scientific Instrument Co	1460 Pennsylvania St, Denver 3, Colo	AL5-2777
Vt	Sales Engineering	Sugar Ln, Newtown, Conn	GA6-4434
Va	T C Britt	1500 Mass Ave, N.W., Wash, DC	CO5-2684
Wash	Arva Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
Wis	R H Whitmore & Assoc	520 N Michigan Ave. Chicago, Ill	MO4-1904
Wyo	Scientific Instrument Co	1460 Pennsylvania St, Denver 3, Colo	AL5-2777
For	Westrex Corp. Div of Litton	540 W 58th St. New York City, NY	CH3-2300
	AIRTRONICS INC	**5522 Dorsey Ln, Washington 16, DC**	**OL4-1676**
	15-250-280-325-338-430-450-475-895-975-1135-1215-1245-1395-1810		
	AIRTRONICS INTERNATIONAL CORP	**Box 1576, Ft. Lauderdale, Fla**	**LU3-4541**
	R Kramer #12 *100 D 275-338-895-1050-1135-1150-1200		
Cal	M B Gilbert Co	L A	
Ohio	Hugh Stubbs	Springfield, Ohio	
Can	Tele-Radio Systems Ltd	3633 Dundas St. W, Toronto, Ont	RO2-8224
•	**AIWA CO. LTD**	**4 Montoseimo-cho, Kanda Chiyoda-ku, Tokyo, Jap**	**831-9201-5**
	T Tokuoka #70 *720 E 480-555-910-1130-1165-1195-1200-1255-1270-1315-1425-1675-1705		
Can	Daveco Agencies Ltd	1124 Laurier Ave. W. Montreal 8, Que	CR4-4815
For	Dean Distributing Co. (Pty.) Ltd	111-113 Arthur St. N. Sydney, Aust	XB6791
For	Azuma Denki Shokai	131, 2-Chome Makishi-Cho, Naha, Okinawa	1228,5283
	AJAX MAGNETHERMIC CORP	**3990 Simon Rd. Youngstown, Ohio**	**ST8-9661**
	C Hanson #40 *300 F 320-735-820		
Ala	R W Allen	1000 Peachtree St NE, Atlanta, Ga	TR5-8196
Ariz	Ajax Magnethermic Corp	1504 W Commonwealth Ave, Fullerton, Cal	LA5-8914
Cal	Ajax Magnethermic Corp	1504 W Commonwealth Ave, Fullerton	LA5-8914
Colo	T C Jarett Co	95 S. Ammons St, Denver 15, Colo	BE3-2333
Conn	Ajax Magnethermic Corp	1187 Dixwell Ave. New Haven 14	MA4-2375
Del	Ajax Magnethermic Corp	1108 Frankford Ave, Philadelphia 25, Pa	GA6-6520
DC	Ajax Magnethermic Corp	1108 Frankford Ave, Philadelphia 25, Pa	GA6-6520
Ga	R W Allen	1000 Peachtree St. NE, Atlanta	TR5-8196
Ill	Ajax Magnethermic Corp	6611 W. North Ave, Oak Park, Ill	CO1-7199
Ind	Ajax Magnethermic Corp	6611 W. North Ave, Oak Park, Ill	CO1-7199
Ind	Ajax Magnethermic Corp	822 Delta Ave, Cincinnati 26, Ohio	TR1-2520
Iowa	Ajax Magnethermic Corp	6611 W. North Ave, Oak Park, Ill	CO1-7199
Kan	T C Jarett Co	95 S. Ammons St, Denver 15, Colo	BE3-2333
Ky	Ajax Magnethermic Corp	822 Delta Ave, Cincinnati 26, Ohio	TR1-2520
Md	Ajax Magnethermic Corp	1108 Frankford Ave, Philadelphia 25, Pa	GA6-6520
Me	Ajax Magnethermic Corp	1187 Dixwell Ave. New Haven 14, Conn	MA4-2375
Mass	Ajax Magnethermic Corp	1187 Dixwell Ave. New Haven 14, Conn	MA4-2375
Mich	Ajax Magnethermic Corp	1025 E. Maple Ave, Birmingham, Mich	JO6-4767
Minn	Ajax Magnethermic Corp	6611 W. North Ave, Oak Park, Ill	CO1-7199
Mo	Ajax Magnethermic Corp	6611 W. North Ave, Oak Park, Ill	CO1-7199
Neb	T C Jarrett Co	95 S. Ammons St, Denver 15, Colo	BE3-2333

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NH	Ajax Magnethermic Corp	1187 Dixwell Ave, New Haven, Conn	MA4-2375
NJ	Ajax Magnethermic Corp	1108 Frankford Ave, Philadelphia 25, Pa	GA6-6520
NJ	Ajax Magnethermic Corp	1187 Dixwell Ave. New Haven 14, Conn	MA4-2375
NM	T C Jarrett Co	95 S. Ammons St, Denver 15, Colo	BE3-2333
NY	Ajax Magnethermic Corp	1187 Dixwell Ave. New Haven 14, Conn	MA4-2375
NY	Ajax Magnethermic Corp	2060 Sheridan Dr. Buffalo 23	TR4-0460
Ohio	Ajax Magnethermic Corp	14800 Detroit Ave, Cleveland 7, Ohio	AC1-6440
Ohio	Ajax Magnethermic Corp	822 Delta Ave, Cincinnati 26, Ohio	TR1-2520
Pa	Ajax Magnethermic Corp	1108 Frankford Ave, Philadelphia 25, Pa	GA6-6520
Pa	Ajax Magnethermic Corp	Mellon Square, Pittsburgh 22	CO1-1451
RI	Ajax Magnethermic Corp	1187 Dixwell Ave. New Haven 14, Conn	MA4-2375
Tenn	H R Miller	2500-B Franklin Rd. Nashville 4	CY2-7016
Tex	Sinclair Co	6620 Dixie Dr, Houston 35, Tex	PA3-3521
Utah	T C Jarrett Co	95 S. Ammons St, Denver 15, Colo	BE3-2333
Vt	Ajax Magnethermic Corp	1187 Dixwell Ave. New Haven 14, Conn	MA4-2375
Va	Ajax Magnethermic Corp	1108 Frankford Ave, Philadelphia 25, Pa	GA6-6520
Wash	Frank H Jefferson	820 1st Ave. S, Seattle 4	MU2-2196
W Va	Ajax Magnethermic Corp	Mellon Square, Pittsburgh, Pa	CO1-1451
Wisc	Ajax Magnethermic Corp	6611 W. North Ave, Oak Park, Ill	CO1-7199
Can	Ajax Magnethermic Can Ltd	PO Box 779, Ajax, Ont	WH2-4980

AKRO-MILS INC — P.O. Box 989, Akron 9, Ohio — BL3-7108
I Myers #2 *100 E 100

ALAC INC — 365 W. Arden St, Glendale, Cal — CH5-3787
785-790-1780-1785

ALADDIN ELECTRONICS DIV OF ALADDIN INDUSTRIES INC — 711 Murfreesboro Rd, Nashville 10, Tenn — CH2-3411
320-1855

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ariz	Technical Services Co, Inc	2430 E. Washington Blvd, Phoenix, Ariz	BR5-5423
Cal	Aladdin Electronics	380 E. Green St, Pasadena 1, Cal	MU1-0285
Colo	Technical Services Co, Inc	2430 E. Washington Blvd, Phoenix, Ariz	BR5-5423
Mass	Deliver Sales Engrg Co	1492 Highland Ave, Needham 92, Mass	HI4-4200
Conn	Myron R Smith	5300 N.E. 12th St, Bellevue, Wash	GL4-9400
Fla	R B Bambill & Associates	15 W. Pennsylvania Ave, Towson 4, Md	VA5-3431
Ill	Lightner Associates	6322 N. Milwaukee Ave, Chicago 46, Ill	SP4-1500
Ill	Machlatto, Loomis & Schroeder	820 E. 64th St, Indianapolis, Ind	CL5-6770
Ind	Machlatto Loomis & Schroeder	820 E. 64th St, Indianapolis, Ind	CL5-6770
Kan	C D Daniels Co	P.O. Box 8511, Tulsa, Okla	CH2-1990
Ky	Machlatto Loomis & Schroeder	820 E. 64th St, Indianapolis, Ind	CL5-6770
La	George F Ve[illegible] & Associates	1210 Old Gate Ln, Dallas 18, Tex	DA1-2800
Md	R B Bambill & Associates	15 W. Pennsylvania Ave, Towson 4, Md	VA5-3431
Mass	Myron R Smith	5300 N.E. 12th St, Bellevue, Wash	GL4-9400
Mich	S Sterling Co	15100 W. McNichols Rd, Detroit 35, Mich	BR3-2900
Minn	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis 16, Minn	WE9-6727
Mo	S Sterling Co	15100 W. McNichols Rd, Detroit 35, Mich	BR3-2900
ND	Fred B Hill Co	6110 Excelsior Blvd, Minnpls 16, Minn	WE9-6727
NH	Deliver Sales Engineering Co	1492 Highland Ave, Needham 92, Mass	HI4-4200
NJ	R B Bambill & Associates	332 Cooper St, Camden 2, NJ	WO4-1181
NJ	Paskey-Schmidt	217 Hackensack St, Wood-Ridge, NJ	GE8-2780
NM	Technical Services Co, Inc	2430 E. Washington Blvd, Phoenix, Ariz	BR5-5423
NY	R P Kennedy Co	352 Mayflower Dr, Rochester 18, NY	BR1-6322
NY	Paskey-Schmidt	420 Northern Blvd, Great Neck, NY	HU7-1173
NY	David Lloyd Engineered Components	Box 184, Eastwood Sta, Syracuse, NY	HE7-3795
Ohio	Sid Levin & Associates	6252 Mayfield Rd, Cleveland 24, Ohio	HI2-8340
Okla	C D Daniels Co	P.O. Box 8511, Tulsa, Okla	CH2-1990
Ore	Myron R Smith	5300 N.E. 12th St, Bellevue, Wash	GL4-9400
Pa	Sid Levin & Associates	6252 Mayfield Rd, Cleveland 24, Ohio	HI2-8340
RI	Deliver Sales Engineering Co	1492 Highland Ave, Needham 92, Mass	HI4-4200
SD	Fred B Hill Co	6110 Excelsior Blvd, Minnpls 16, Minn	WE9-6727
Tex	C D Daniels Co	P.O. Box 8511, Tulsa, Okla	CH2-1990
Utah	Technical Services Co, Inc	2430 E. Washington Blvd, Phoenix, Ariz	BR5-5423
Vt	Deliver Sales Engineering Co	1492 Highland Ave, Needham 92, Mass	HI4-4200
Wash	Myron R Smith	5300 N.E. 12th St, Bellevue, Wash	GL4-9400
W. Va	Sid Levin & Associates	6252 Mayfield Rd, Cleveland 24, Ohio	HI2-8340
Wisc	Lightner Associates	6322 N. Milwaukee Ave, Chicago 46, Ill	SP4-1500
Canada	Lake Engineering Co Ltd	123 Manville Rd, Scarborough, Ont	PL7-3253

• **ALBANO CO., INC HONEYCOMB STRUCTURES DIV** — 555 W. 54th St, New York 19, NY — PL7-5887
850

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	E W Bohm Co	Box 90293, Airport Sta, Los Angeles	OR0-1620

ALCAR INSTRUMENTS INC — 411 Robbins Ave, Trenton 8, NJ — OW5-6342
E Cook #7 *22 C 1915

• **ALCO ELECTRONIC PRODUCTS INC** — 3 Wolcott Ave, Lawrence 33, Mass — MU6-3888
C Macdold *11 B 895-965-1545-1735

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Fred Wemble Sales Co	3867 Sherwood Dr, Montgomery, Ala	AM2-1573
Cal	David Ellis Co	919-D E. California St, Pasadena 1, Cal	RY1-9108
Fla	Fred Wemble Sales Co	2727 Alma Ave, Winter Park, Fla	
Fla	Lyssa A Walking	P.O. Box 7156, Miami 55, Fla	
Ga	Fred Wemble Sales Co	51 Wallis St, Elberton, Ga	
Ga	Lyssa A Walking	P.O. Box 3045, Atlanta, Ga	
Ill	Mike Bermann	8631 E. Prairie Rd, Skokie, Ill	OR5-3740
Ill	J J India Sales Co	5117 N. Ocoto Ave, Chicago 31, Ill	UN7-8524
Ind	M E Tyson Co	418 E. Berry St, Fort Wayne, Ind	
Md	Robert Finlay	P O Box 29, Lutherville, Md	VA3-9086
Mass	Norman R MacInnis	Box 131, Melrose, Mass	W85-0879
Mich	M E Tyson Co	848 Colfax St, Toledo 6, Ohio	CH6-4060
Mo	Gordon Fixman Engineering Co	8160 Stanford Ave, St Louis, Mo	PA5-5219
NJ	Robert Finlay	307 Lincoln Bldg, Ridgewood, NJ	OL2-0088
NY	J W Milligan	420 Mohawk Ave, Schenectady 2, NY	FR7-9090
NY	L J McFaggart Associates	2451 Wehrle Dr, Buffalo 21, NY	NF4-2030
Ohio	Jim Chilcote Sales Co	636 Nessleweed Ave, Toledo, Ohio	CH1-3826
Tex	Lloyd C Cole Co	Box 504, Denton, Tex	DU2-6017
Tex	Spivey-Cole Co	P.O. Box 12321, Houston 17, Tex	MI9-1221
Wash	Don Kohler	11532 4th Ave, N.E., Seattle, Wash	

• **ALDEN ELECTRONIC & IMPULSE RECORDING EQUIPMENT CO** — Box 125, Westboro, Mass — FO6-4467
325-330-635-895-910-1395-1655-1810-1915

• **ALDEN PRODUCTS CO** — 112 N. Main St, Brockton 64, Mass — JU3-0160
N Dobmel #6 *200 E 25-65-150-180-190-230-285-345-375-380-790-795-845-865-895-925-990-1245-1315-1390-1525-1630-1735-1780-1875-1940

ALDEN SYSTEMS CO — 117 N. Main St. Brockton, Mass — JU3-0160
90-990

ALDISLITE — 80 Shore Rd. Port Washington, NY — PO7-7700
895
Sales Representatives: See Garrard Sales Corp

ALECTRIC MFG CO — 7842-39 Ave, Kenosha, Wisc — OL7-3248
J Wiether #1 *3 A 895

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Control Engineers	2831-7th St. Berkeley 10	TH1-7869
Mich	Shand Radio Co	2608 Leith at Dort Hwy. Flint 6	
Ohio	Martindale Elec. Co	Box 617, Edgewater Br. Cleve	LA1-8567
Ore	Donal Co	Box 7013, Portland 19	CH6-3131

ALFAX PAPER & ENGINEERING CO — Washington St. Westboro, Mass — FO6-4467
S Swinkle #8 *40 635-1250

• **ALFORD MFG CO.** — 299 Atlantic Ave, Boston, Mass — HA6-2150
H Leach #9 *65 D 25-45-50-60-670-895-1 35-1200-1585

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ariz	Instruments for Measurements	2420 University Ave. SanDiego, Cal	EN1-7257
Cal	Instruments for Measurements	2420 University Ave. SanDiego	JU3-1972
Cal	Instruments for Measurements	3455 Cahuenga Blvd, Hollywood 28, Cal	HO9-7294
Cal	Instruments for Measurements	251 S. Murphy Ave, Sunnyvale, Cal	RE6-8080
Del	Engineering Associates	2125 Maryland Ave, Baltimore, Md	HO7-1966
DC	Engineering Associates	415 Albee Bldg, Washington 5, DC	ST3-7319
Md	Engineering Associates	2125 Maryland Ave, Baltimore 18, Md	HO7-1966
NJ	L & M Associates	51 Victor St, Saddle Brook, NJ	DI3-3170
NY	L & M Associates	P.O. Box 51, Cenluck Sta, Yonkers, NY	WO1-5566
NC	Engineering Associates	2125 Maryland Ave, Baltimore, Md	HO7-1966
Pa	L & M Associates	408 W. Clapier St, Philadelphia, Pa	GE8-5866
Va	Engineering Associates	2125 Maryland Ave, Baltimore, Md	HO7-1966

ALFRED ELECTRONICS — 897 Commercial St, Palo Alto, Cal — DA6-6496
P Fulton #10 *80 B 1135-1340

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Gentry Assoc	1851 Oak Ln. Orlando, Fla	GA4-0730
Alas	Rush Drake Assoc	18 7 Norman St. Seattle, Wash	EA3-8545
Ariz	Moxon Electronics Corp	4434 Ingraham St. San Deigo, Cal	BR4-6525
Cal	Moxon Electronics Corp	489 S. Robertson Blvd, Beverly Hills	BR2-9311
Cal	Moxon Electronics Corp	15 41st Ave, San Mateo, Cal	FI5-7961
Cal	Moxon Electronics Corp	4434 Ingraham St. San Diego	BR2-9311
Cal	Moxon Electronics Corp	15 41st Ave. San Mateo	FI5-7961
Colo	Gene French Co	PC Box 15275, Denver 15	MA3-1458
Conn	George Gostenhofer & Associates Inc	7 Wellington St, Waltham 54, Mass	TW4-9500
Del	C E Snow Co	8212 Wisconsin Ave, Bethesda, Md	OL4-1767
DC	C E Snow Co	8212 Wisconsin Ave, Bethesda, Md	OL4-1767
Fla	Gentry Assoc	1851 Oak Ln. Orlando	GA4-0730
Fla	Gentry Assoc	1851 Oak Ln. Orlando, Fla	GA4-0730
Ga	Scientific Sales Engineering Co., Inc	2152 Piedmont Rd, N.E., Atlanta 9, Ga	TR3-2475
Idah	Gene French Co	PC Box 15275, Denver 15, Colo	MA3-1458
Idah	Rush Drake Assoc	PC Box 2126, Idaho Falls	JA2-7992
Ill	Kenneth W Meyers Co	6713 N Oliphant Ave. Chicago 31	SP4-6440
Ill	Lee Mark Associates	2001 Big Bend Blvd, St. Louis, Mo	MI7-1470
Ind	Kenneth W Meyers Co	6713 N Oliphant Ave. Chicago 31, Ill	SP4-6440
Iowa	Kenneth W Meyers Co	6713 N Oliphant Ave. Chicago 31, Ill	SP4-6440
Kan	Lee Mark Associates	P.O. Box 8467, Kansas City 14, Mo	NI2-3313
Me	George Gostenhofer & Associates	7 Wellington St, Waltham 54, Mass	TW4-9500
Md	C E Snow Co	8212 Wisconsin Ave, Bethesda, Md	OL4-1767
Mass	George Gostenhofer & Associates Inc	7 Wellington St, Waltham 54, Mass	TW4-9500
Mich	Dayton Assoc	15332 Kennebec Ave. Southgate	AV5-3125
Minn	Kenneth W Meyers Co	6713 N Oliphant Ave. Chicago 31, Ill	SP4-6440
Miss	Gentry Assoc	1851 Oak Ln. Orlando, Fla	GA4-0730
Mo	Lee Mark Associates	P.O. Box 8467, Kansas City 14, Mo	NI2-3313
Mo	Lee Mark Associates	2001 Big Bend Blvd, St. Louis, Mo	MI7-1470
NH	George Gostenhofer & Associates Inc	7 Wellington St, Waltham 54, Mass	TW4-9500
NJ	C E Snow Co	613 Cheltenham Ave. Phila 26, Pa	CA4-2626
NJ	Central Associates	44 N. Dean St, Englewood, NJ	LO8-0808
NM	Gene French Co	120 San Pedro Dr, S.E., Albuquerque, NM	AM8-2478
NY	Central Associates	44 N. Dean St, Englewood, NJ	LO8-0808
NY	J A Reagan Co., Inc	6 E. Bayberry Circle, Liverpool, NY	HO3-8301
NY	J A Reagan Co., Inc	145 Millbrook Dr, Williamsville 21, NY	PL2727
NY	J A Reagan Co	53 B Crestmont Rd. Binghamton	RA3-9661
NY	J A Reagan Co	10 Humphreys Terr, New Hartford	RE2-3775
NY	J A Reagan Co, Inc	45 N Lake Ave. Albany 3	HE3-8301
NC	M J McDonald Co	Whippoorwill Dr. Pfafftown	WA4-2182
Ohio	Dayton Assoc	1318 Talbott Tower, Dayton 2	BA3-9621
Ohio	Dayton Assoc	8211 Avery Rd. Cleveland 41	JA6-3990
Okla	Kemco Inc	1618 W. 6th St, Irving, Tex	FL1-5900
Ore	Rush Drake Assoc	1817 Norman St. Seattle 44, Wash	EA3-8545
Pa	C E Snow Co	6 3 Cheltenham Ave. Phila 26	CA4-2626
RI	George Gostenhofer & Associates Inc	7 Wellington St, Waltham 54, Mass	TW4-9500
SC	M J McDonald Co	Whippoorwill Dr. Pfafftown, NC	WA4-2182
Tenn	M J McDonald Co	Whippoorwill Dr. Pfafftown, NC	WA4-2182
Tex	Kemco Inc	1618 W. 6th St, Irving, Tex	FL1-5900
Utah	Gene French Co	138 S 2nd E. Salt Lake City	EM4-3057
Vt	George Gostenhofer & Associates Inc	7 Wellington St, Waltham 54, Mass	TW4-9500
Va	M J McDonald Co	Whippoorwill Dr. Pfafftown, NC	WA4-2182
Va	C E Snow Co	8212 Wisconsin Ave. Bethesda, Md	OL4-1767
Wash	Rush Drake Assoc	1317 Norman St. Seattle 44	EA3-8545
Wis	Kenneth W Meyers Co	6713 N Oliphant Ave. Chicago 31, Ill	SP4-6440
Wyo	Gene French Co	PO Box 15275, Denver 15, Colo	MA3-1458
Can	Electrodesign	9824 St Lawrent Blvd. Montreal	DU9-5914
Can	Electrodesign	35 Mulholland St. Toronto	RU7-0991
Can	Electrodesign	428 Rideau St. Ottawa	SH9-6837

ALGO INC — 251 West St, S. Hackensack, NJ
180-210-230-260-1120-1220

ALITE DIV U S STONEWARE CO — F. O. Box 119, Orrville, Ohio — MO9-2271
H Frobme 175-240-345-905-1545

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	U S Stoneware Co	232 Wilshire Blvd. Anaheim	PR2-9160
NY	U S Stoneware Co	60 E. 42nd St, New York 17, NY	MU2-6577
Ohio	U S Stoneware Co	Akron 9	ME3-3222

ALL AMERICAN ENG CO INC — Box 1247, Wilmington 99, Del — WY4-0951
E Pierce #50 *255 F 45-255

ALL AMERICAN TOOL & MFG CO — 8027 Lawndale, Skokie, Ill — OR3-7084
S Nats #2 *11 B 895-1075-1935

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	DoAll Gulf Co., Inc	531 N. 15th St, Birmingham 3, Ala	
Ariz	Pratt-Gilbert Hardware Co	P.O. Box 2230, Phoenix, Ariz	
Cal	Mineral Industrial Supply Co	716 E. Manchester Ave, Los Angeles, Cal	
Cal	E V Roberts & Associates	5068 W Washington Blvd, Los Angeles 16, Cal	
Colo	DoAll Mountain States Co	2381 Broadway, Denver 2, Colo	
Colo	Union Supply Co	5490 Colorado Blvd, Denver 16, Colo	
Conn	DoAll Hartford Co., The	607 New Park Ave W, Hartford 10, Conn	
Conn	Brown & Stuart Inc	128 Broad St, Stamford, Conn	
DC	DoAll Co., The	1712 20th St, NW, Washington 9, DC	
Fla	Cameron & Barkley Co	27 N.W. First Ave, Miami, Fla	
Fla	DoAll South Atlantic Co	805 E. Washington St, Orlando, Fla	
Ga	Georgia Supply Co	P.O. Box 918, Savannah, Ga	
Ill	DoAll Co., Inc	254 N. Laurel Ave, DesPlaines, Ill	VA4-1122
Ill	Samuel Harris & Co	114 N. Clinton St, Chicago 6, Ill	FR2-7272
Ill	Meyer Supply Co., Inc	170 N. Clinton St, Chicago 6, Ill	
Ind	W J Holliday & Co	J & L Steel Whse Div, Indianapolis 7, Ind	
Iowa	DoAll Iowa Co	411 2nd Ave, S.E., Cedar Rapids, Iowa	
Ky	H A Petter Supply Co	101-123 S. 1st Ave, Paducah, Ky	
Md	DoAll Co., Inc	138 W. Royal Mt. Ave, Baltimore 1, Md	
Mass	DoAll Boston Co., Inc	89 Washington St, Brookline Village 46, Mass	
Mass	Walenar Inc	551 Concord St, Holliston, Mass	
Mich	Chas A Strelinger Co	31855 Van Dyke Ave, Warren, Mich	
Mich	DoAll Detroit Co	4226 Woodward Ave, Detroit 1, Mich	
Minn	DoAll Twin Cities Co	2510 University Ave SE, Mpls 14, Minn	
Minn	Chas W Stone Co	1914 LaSalle Ave, Minneapolis 3, Minn	
Mo	DoAll Southern Co	2326 Locust St, St Louis 3, Mo	
Mo	DoAll Kansas City Co	212-214 Admiral Blvd Kansas City 6, Mo	
Nev	E V Roberts & Associates	5068 W Wash Blvd, Los Angeles, Cal	
NJ	A N Nelson Inc	38 Johnston Ave, Kearny, NJ	
NM	New Mexico Steel Co	P.O. Box 691, Albuquerque, NM	
NY	DoAll Rochester Co., Inc	293 Central Ave, Rochester 5, NY	
NY	DoAll Eastern Co., Inc	67 Lexington Ave, New York 10, NY	
NY	TMQ Testing Machines Inc	72 Jericho Tnpk, Mineola, NY	
NC	DoAll Carolina Co., Inc	P.O. Box 1281, Statesville, NC	
Ohio	Production Steel & Supply Co	425 W. Seymour, Cincinnati 16, Ohio	
Ohio	DoAll Cleveland Co	6517 Euclid Ave, Cleveland 3, Ohio	
Ohio	Gans Machinery Co	2100 St. Clair St, Cleveland 17, Ohio	
Ohio	DoAll Dayton Co., Inc	522 N. Broadway, Dayton 7, Ohio	
Okla	DoAll Tulsa Co	301 E 4th St, Tulsa 3, Okla	
Ore	Portland Machinery Co	206-216 S.W. 1st Ave, Portland 4, Ore	
Ore	Cascade Tool & Machinery Co	1405 S.W. 14th Ave, Portland 1, Ore	
Pa	DoAll Philadelphia Co., Inc	3107 N. Broad St, Philadelphia 32, Pa	
Pa	DoAll Pittsburgh Co., Inc	527 2nd Ave. Pittsburgh 19, Pa	
Pa	DoAll Reading Co	24 S. Fifth St, Reading, Pa	
RI	H Leach Machinery Co	387 Charles Rd, Providence 4, RI	
RI	DoAll Boston Co., Inc	28 Garden St, Providence 5, RI	
SC	Tidewater Supply Co., Inc	803-11 Gervais St, Columbia, SC	
Tenn	Pearl Equipment Co	843 7th Ave, Nashville, Tenn	
Tex	DoAll Texas Co	812 Gray Ave, Houston 3, Tex	
Tex	Bell Machinery & Supply Co	Main at Lancaster Ave. Ft Worth	
Va	Mitchell-Powers Hardware Co	Bristol, Va	
Wash	DoAll Northwest Co	520 E Pike St, Seattle 22, Wash	
Wash	Campbell Industrial Supply Co	1473 Airport Way & Spokane St, Seattle 4, Wash	
Wis	DoAll Wisconsin Co	2427 W North Ave, Milwaukee, Wis	
Canada	Computing Devices of Canada Ltd	Box 508, Ottawa 4, Ontario, Canada	PA9-1161
Foreign	Inter-Ocean Export Assoc Inc	630 Green Bay Rd, Kenilworth, Ill	AL1-5315

ALL STAR PRODUCTS INC — P.O. Box 487, Defiance, Ohio — 2-1065
W Reiter *300 E 220

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	W Bert Knight Co	10377 W. Pico Blvd, Los Angeles 64	BR2-0101
Cal	Mewithrop & Hunter	165 11th St, San Francisco 3	UN3-7860
Fla	Benz Sales Co	Box 178, N. Miami Beach 62	FR4-1391
Ill	C J Saberson	1791 Howard St, Chicago 26, Ill	BR4-9968
Mich	R C Merchant & Co., Inc	18411 W. McNichols St, Detroit 19	KE5-1180
NY	Perry Saftler	157 W. 57th St, New York 19, NY	CI7-3865
Foreign	Industrias Germerdores S A	Tonna 143, Mexico 7, D F	14-65-58

ALL-STATE WELDING ALLOYS CO., INC — 249 Ferris Ave, White Plains, NY — WH8-4646
L Wade #3 *75 E 700-1125-1350-1635-1960

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	J C Kruckmeyer	919 Shelton Rd, Birmingham	VE3-4574
Cal	Harry Peacor	9331 Maureen Dr, Garden Grove, Cal	LE9-8397
Cal	All-State Welding Alloys Co., Inc	4354 Firestone Blvd, S. Gate, Cal	LO7-2329
Conn	Herbert Leary	107 Arlyn Dr. W Massapequa, NY	PY8-6120
Ill	John Ehrhardt	18452 Dixie Hwy, Homewood, Ill	SY8-2928
Ky	Tudon Timbow	Rt 2, Murray, Ky	MU1702
Me	Herbert Leary	107 Arlyn Dr. W Massapequa, NY	PY8-6120
Mass	Herbert Leary	107 Arlyn Dr. W Massapequa, NY	PY8-6120
Mo	All-State Welding Alloys Co., Inc	1523 N. Broadway, St. Louis 6, Mo	GA1-1066
NH	Herbert Leary	107 Arlyn Dr. W Massapequa, NY	PY8-6120
NC	A M Martin	Rt 9, Box 356, Charlotte 8, NC	EX9-1910
Pa	Harry Tucker	P.O. Box 722, Paoli, Pa	NI4-1223
RI	Herbert Leary	107 Arlyn Dr. W Massapequa, NY	PY8-6120
Tex	Charles T Burggraf	1004 Cobe St. Arlington	OR5-4076
Vt	Herbert Leary	107 Arlyn Dr. W Massapequa, NY	PY8-6120
Canada	All-State Weld Alloys Can Ltd	141 Wiltring Ave, Toronto 18, Canada	BE1-6231
For	J Muller	Gran Hotel Bolivar, Lima, Peru	

ALL-TRONICS INC — 45 Bond St, Westbury, NY — ED3-3090
H Westman Jr #3 *30 C 320-670-1730

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Alas	G M Gillett	4521 7th Ave. S. Seattle 8, Wash	MA3-5755
Ariz	Ed Landa Co	1736 Westwood Blvd. LA Cal	BR2-9525
Cal	E Landa Co	1736 Westwood Blvd. LA	BR5-9525
Colo	Howell Sales Inc	4637 Dudley, Arvada, Colo	
Conn	Electrical Manufacturers Service	Box 86, Concord, Mass	EM9-5980
Del	Electrical Manufacturers Service	8 N. Lincoln Ave. Wenonah, NJ	GL7-4089
DC	Electrical Manufacturers Service	8 N. Lincoln Ave, Wenonah, NJ	GL7-4089
Ga	Electrical Manufacturers Service	Box 43, Williston Pk, NY	PI7-6810
Idah	Howell Sales Inc	4637 Dudley, Arvada, Colo	
Ill	J C Angel & Co	2743 W. Peterson Ave. Chicago 45	UP8-0653
Ind	Gordon Fixman Engineering Co	8160 Stanford Ave, St. Louis, Mo	PA5-5219
Iowa	J C Angel & Co	2743 W. Peterson Ave. Chicago 45	UP8-0653
Kan	Gordon Fixman Engineering Co	8160 Stanford Ave, St. Louis, Mo	PA5-5219
Me	Electrical Manufacturers Service	Box 86, Concord, Mass	EM9-5980
Md	Electrical Manufacturers Service	8 N. Lincoln Ave. Wenonah, NJ	GL7-4089
Mass	Electrical Manufacturers Service	Box 86, Concord	EM9-5980
Mich	E C Frost & Co	1545 Crestwood Rd, Mayfield Hts, Ohio	HI2-8040
Mo	Gordon Fixman Engineering Co	8160 Stanford Ave, St. Louis, Mo	PA5-5219
Mont	Howell Sales Inc	2229 McKinley Blvd, Seattle 2, Wash	EA2-1234
Nev	E Landa Co	1736 Westwood Blvd. LA, Cal	BR2-9525
NH	Electrical Manufacturers Service	Box 86, Concord, Mass	EM9-5980

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NJ	Electrical Mfgs Service	18 Yale St, Nutley 10, NJ	NO7-2541
NM	Howell Sales Inc	4637 Dudley, Arvada, Colo	
NY	Electrical Manufacturers Service	Box 43, Williston Pk	PI7-6610
NC	Electrical Manufacturers Service	8 N. Lincoln Ave. Wenonoh, NJ	UL7-0089
Ohio	Edmund C Frost & Co	1545 Chelmsford Rd, Mayfield Hghts 24,	HI2-9040
Okla	Francis Associates	249 Crestmont Dr, El Paso, Tex	JU4-2563
Ore	G M Gillett	4621 7th Ave. S. Seattle, Wash	MA3-5755
Pa	Electrical Manufacturers Service	8 N. Lincoln Ave. Wenonoh, NJ	UL7-0089
Pa	Edmund C Frost & Co	1545 Chelmsford Rd, Mayfield Hgts, Ohio	HI2-9040
RI	Electrical Manufacturers Service	Box 86, Concord, Mass	EM9-5900
SC	Electrical Manufacturers Service	8 N. Lincoln Ave. Wenonoh, NJ	UL7-0089
Tex	Francis Assoc	249 Crestmont Dr, El Paso,	JU4-2563
Utah	Howell Sales Inc	4537 Dudley, Arvada, Colo	
Vt	Electrical Manufacturers Service	Box 86, Concord, Mass	EM9-5900
Va	Electrical Manufacturers Service	8 N. Lincoln Ave. Wenonoh, NJ	UL7-0089
Wash	G M Gillett	4621 7th Ave. S. Seattle	MA3-5755
W Va	Electrical Manufacturers Service	Box 43, Williston Pk, NY	PI7-6610
Wis	J C Angel & Co	2743 W. Peterson Ave. Chicago 45, Ill	UP8-0653
Can	G M Gillett	4621 7th Ave. S. Seattle, Wash	MA3-5755
	ALLARD INSTRUMENT CORP.	**144 E. 2nd St, Mineola, NY**	**PI6-5895**
	A Skrobisch #2 *18 B 155-895-1165		
Ariz	Lee Grant Snyder	1418 N. Highland, Hollywood, Cal	HO-6278
Cal	Lee Grant Snyder	1418 N. Highland, Hollywood	HO-6278
Minn	Fred Peterson Co	2431 Hennepin Ave, Minneapolis,	FR7-3025
Ohio	Steve J Vereb	4619 E 93rd St, Cleveland 25, Ohio	VU3-6999
Ore	John C Plate Co	444 Dexter Horton Bldg, Seattle 4, Wash	MA4-1673
Wash	John C Plate Co	444 Dexter Horton Bldg, Seattle 4, Wash	MA4-1673
	ALLEGANY INSTRUMENT DIV., TEXTRON ELECTRONICS INC	**1091 Wills Mountain, Cumberland, Md**	**PA4-1200**
	R Bradley *250 E 338-895-1850		
Ala	L E Wright	2969 Ridgemore Rd. NW, Atlanta, Ga	SY4-6393
Ariz	R A Mayes Co	6601-B Montana Ave. El Paso, Tex	PR8-2825
Cal	David Nelson	1331 Cordelia St. San Jose	AL2-8539
Cal	Al Marin	11801 Mississippi Ave. Los Angeles 25	GR8-0393
Colo	Al Marin	11801 Mississippi, LA 25, Cal	GR8-0393
Conn	Dana Doherty	1253 Highland Ave. Needham 92, Mass	HI4-8280
Del	Charles K Johnson	6804 Boyd Ct. W, Springfield, Va	WH2-5506
DC	Charles K Johnson	6804 Boyd Ct. W, Springfield, Va	WH2-5506
Fla	L E Wright	2969 Ridgemore Rd. NW, Atlanta, Ga	SY4-6393
Ga	L E Wright	2869 Ridgemore Rd. NW, Atlanta	UY4-6393
Idah	Denny Henneman	867 Foothill Dr. Salt Lake City 8, Utah	DA2-4547
Ky	L E Wright	2969 Ridgemore Rd. NW, Atlanta, Ga	SY4-6393
Me	Dana Doherty	1253 Highland Ave. Needham 92, Mass	HI4-8280
Md	Charles K Johnson	6804 Boyd Ct. W, Springfield, Va	WH2-5506
Mass	Dana Doherty	1253 Highland Ave. Needham 92	HI4-8280
Miss	L E Wright	2969 Ridgemore Rd. NW, Atlanta, Ga	SY4-6393
Nev	Al Marin	11801 Mississippi Ave. LA 25, Cal	GR8-0393
NH	Dana Doherty	1253 Highland Ave. Needham 92, Mass	HI4-8280
NJ	Charles K Johnson	6804 Boyd Ct. W, Springfield, Va	WH2-5506
NM	R A Mayes Co	6601-B Montana Ave. El Paso, Tex	PR8-2825
NY	Dana Doherty	1253 Highland Ave. Needham 92, Mass	HI4-8280
NC	L E Wright	2969 Ridgemore Rd. NW, Atlanta, Ga	SY4-6393
Okla	J Nelson	3603 Lemon Ave. Dallas 19, Tex	LA6-1447
Ore	David Nelson	1331 Cordelia Ave. San Jose, Cal	AL2-8539
Pa	Charles K Johnson	6804 Boyd Ct. W, Springfield, Va	WH2-5506
RI	Dana Doherty	1253 Highland Ave. Needham 92, Mass	HI4-8280
SC	L E Wright	2969 Ridgemore Rd. NW, Atlanta, Ga	SY4-6393
Tenn	L E Wright	2969 Ridgemore Rd. NW, Atlanta, Ga	SY4-6393
Tex	R A Mayes Co	6601-B Montana Ave. El Paso	PR8-2825
Tex	J Nelson	3603 Lemon Ave. Dallas 19	LA6-1447
Utah	Denny Henneman	867 Foothill Dr. Salt Lake City 8	DA2-4547
Vt	Dana Doherty	1253 Highland Ave. Needham 92, Mass	HI4-8280
Va	Charles K Johnson	6804 Boyd Ct. W Springfield	WH2-5506
Wash	David Nelson	1331 Cordelia St. San Jose, Cal	AL2-8539
W Va	Charles K Johnson	6804 Boyd Ct. W Springfield, Va	WH2-5506
For	Wolfgang Zeh	Duisburg-Meiderich, Salmstraf 12, W Ger	
	ALLEGHENY ELECTRONIC CHEMICALS CO	**207 Hooker-Fulton Bldg, Bradford, Pa**	**FO2-3586**
	410-1125		
Cal	Allegheny Electronic Chem Co	13440 Ventura Blvd, Sherman Oaks,	TR3-3482
	ALLEGHENY LUDLUM STEEL CORP	**2020 Oliver Bldg, Pittsburgh 22, Pa**	**CO1-5300**
	J Matthews G 980-1120-1125-1545-1575-1580-1885-1960		
Ala	Allegheny Ludlum Steel Corp	3515 3rd Ave. S. Birmingham 5	FA2-0548
Cal	Allegheny Ludlum Steel Corp	5333 E Slauson Ave. LA 22	RA3-1181
Cal	Allegheny Ludlum Steel Corp	36 Berry St, San Francisco 7,	EX7-0935
DC	Allegheny Ludlum Steel Corp	1001 15th St, N.W., Washington 5, DC	EX3-4232
Ill	Allegheny Ludlum Steel Corp	4747 S. Kedzie Ave, Chicago 32,	LA3-8650
Ind	Allegheny Ludlum Steel Corp	1801 E. DeLoss St, Indianapolis 1,	ME2-6521
Mass	Allegheny Ludlum Steel Corp	469-473 Taylor St, Springfield 1,	RE4-4996
Mich	Allegheny Ludlum Steel Corp	1500 Jarvis Ave, Detroit 20,	JO4-6900
Minn	Allegheny Ludlum Steel Corp	3016 W. 50th St. Mnpls 10	WA7-7613
Mo	Allegheny Ludlum Steel Corp	10720 Bavr Blvd. St. Louis 32	WY1-2900
Mo	Allegheny Ludlum Steel Corp	P.O. Box 7133, Kansas City 13,	CO2-5679
NY	Allegheny Ludlum Steel Corp	2960 Main St. Buffalo 14	TF6-4355
NY	Allegheny Ludlum Steel Corp	270 Park Ave. NY 17	MU2-0369
NY	Allegheny Ludlum Steel Corp	114 S. Warren St, Syracuse 2,	GR4-4829
NC	Allegheny Ludlum Steel Corp	1715 Wensley Dr, Charlotte,	JA3-7611
Ohio	Allegheny Ludlum Steel Corp	1501 Madison Rd. Cinc 6	CA1-8000
Ohio	Allegheny Ludlum Steel Corp	1270 McCook Ave. Dayton 4	BA6-2357
Ohio	Allegheny Ludlum Steel Corp	3101 Euclid Bldg, Cleveland 15,	UT1-0500
Ore	Allegheny Ludlum Steel Corp	1220 S.W. Morrison St, Portland 5,	CA8-2692
Pa	Allegheny Ludlum Steel Corp	Suburban Sta Bldg, Philadelphia 3,	LO3-4130
Tex	Allegheny Ludlum Steel Corp	145 Meadows Bldg, Dallas 6,	EM1-2891
Wash	Allegheny Ludlum Steel Corp	3327 White Henry Stuart Bldg, Seattle 1,	MU2-2180
Wis	Allegheny Ludlum Steel Corp	3800 N. 1st St. Milwaukee 12	WO4-3500
	ALLEGHENY PLASTICS INC	**10 Thorn Run Rd. Coraopolis, Pa**	**FE1-4322**
	W Moritz #3 *51 D 175-338-750-770-1190-1290-1295-1780-1875		
Conn	E Bergeron	150 Main St. Saybrook	EV8-0994
Fla	Owen S Riffle	Box 425, Pinellas Park, Fla	HE5-6709
Ill	The Gormack Co	7001 N. Clark St. Chicago	RO4-6366
Ind	Associated Engineers Inc	748 E. Fort Wayne St. Fort Wayne 4	AN 0252
Mass	E Bergeron	150 Main St. Saybrook, Conn	EV8-0994
NJ	E B Hinck	270 N. Mountain Ave. Upper Montclair	PI6-2625
NY	E B Hinck	270 N. Mountain Ave. Upper Montclair, NJ	PI6-2625
NY	I C Matthews, Jr	262 Mt. Airy Dr. Rochester 17	FI2-3341
Ohio	R C Graham	1432 Sand Run Rd. Akron 13	UN4-9031
RI	E Bergeron	150 Main St. Saybrook, Conn	EV8-0994
	ALLEGRI-TECH, INC	**141 River Rd. Nutley, NJ**	**NO7-3918**
	A Allegri #15 *170 E 190-215-280-335-795-895-1150-1165-1190-1295-1735-1785		
Ariz	Lester B Backus	3135 N 69 St. Scottsdale	
Cal	Etching Corp of Cal	Hinckley Rd. Burlingame	
Colo	Ruehle Sales Co	465 S Leyden St. Denver	DU8-3125
Conn	W T Wyler	PO Box 126, Stratford	ED7-4293
Del	John J Daly	3001 Franconia Rd. Alexandria, Va	
DC	John J Daly	3001 Franconia Rd. Alexandria, Va	
Ill	J J Indra Sales Co	5117 N Oconto Ave. Chicago 31	UN7-8524
Ind	Chet Given	921 E 3rd St. Mishawaka	BL5-6439
Kan	D&O Eng Co, Inc	Box 4103, Washington St. Sta, Wichita	AM2-3052
Me	Keyco Assoc	PO Box 357, Farmington, Conn	OR7-1770
Md	John J Daly	3001 Franconia Rd. Alexandria, Va	
Mass	Keyco Assoc	PO Box 357, Farmington, Conn	
Mich	Chet Given	921 E 3rd St. Mishawaka, Ind	BL5-6439
Mo	John Durbin	Box 5859, Ferguson Sta St. St Louis	
NH	Keyco Assoc	PO Box 357, Farmington, Conn	
NM	Ruehle Sales Co	465 S Leyden St. Denver 22, Colo	DU8-3125
NY	Arthur F Schultz	96 Oxford Rd. New Hartford	RE2-3266
NC	G F Schiffer	PO Box 6365, Greensboro	BR3-5578
Ohio	Frank Kuppin & Assoc	384 W 1st St. Dayton	BA8-7041
RI	Keyco Assoc	PO Box 357, Farmington, Conn	
SC	G F Schiffer	PO Box 6365, Greensboro, NC	
Tex	Briles Mfg Co	2314 Irving Blvd. Dallas	RI8-5200
Utah	T R Van Wagoner Co	1415 S Main St. Salt Lake City	HU6-7257
Vt	Keyco Assoc	PO Box 357, Farmington, Conn	
Va	John J Daly	3001 Franconia Rd. Alexandria	
Wis	J J Indra Sales Co	5117 N Oconto Ave. Chicago 31, Ill	UN7-8524
Wyo	Ruehle Sales Co	465 S Leyden St. Denver 22, Colo	
Can	Ben Manis Assoc Reg'd	5317 Prince of Wales Ave. Montreal 29	HU6-1475
	ALLEN AVIONICS INC	**255 E. 2nd St, Mineola, NY**	**PI7-5450**
	A Troy #7 *80 D 220-320-450-1865		
Ariz	Ruby Sales Corp	Box 511, San Fernando, Cal	EM1-1201
Cal	Ruby Sales Corp	Box 511, San Fernando	EM1-1201
Conn	Samuel Elkin	Niantic	PE9-7934
Md	Charles O Emrich	Rolling Rd. & Wilkens, Baltimore 28	RI7-8348
Mass	Samuel Elkin	Niantic, Conn	PE9-7934
RI	Samuel Elkin	Niantic, Conn	PE9-7934
	ALLEN-BRADLEY CO	**136 W. Greenfield, Milwaukee 4, Wisc**	**OR1-2000**
	G Vater #150 *6,000 G 50-220-360-380-1330-1460-1475-1645-1735		
Ala	J L Howarth Co. Inc	825 S 22nd St. Birmingham 5	FA3-1171
Ariz	Edward P Weller & Co	6708 N 48th St. Phoenix	WH6-2811
Ark	Curtis H Stout, Inc	400 Shall St. Little Rock	FR4-8201
Cal	W Bert Knight Co	10377 W Pico Blvd. Los Angeles 64	BR2-0101
Cal	Moulthrop & Hunter	165 11th St. San Francisco 3	UN3-7880
Colo	Young Electric & Mfg Co	2134 Curtis St. Denver 5	AC2-4841
Conn	Allen Bradley Co	1720 Barnum Ave, Bridgeport, Conn	DR8-3636
Fla	Van & Smith Co. Inc	1444 June St. Jacksonville 7	EX8-0531
Fla	Charles R Lee & Assoc. Inc	3796 W Flagler St. Miami 44	HI4-7414
Fla	Van & Smith Co. Inc	4025 Henderson Blvd. Tampa 9	8-3632
Ga	Roy E Wilson Co	1062 Northside Dr. NW, Atlanta 18	TR6-8833
Ill	Allen Bradley Co	445 N. LaSalle St, Chicago 10, Ill	WH4-1670
Ill	Allen Bradley Co	1013 Broadway, Rockford, Ill	WO5-8795
Ind	Allen Bradley Co	2212 S. Calhoun St, Fort Wayne, Ind	KE7063
Ind	Allen Bradley Co	1491 N. Harding St, Indianapolis 7, Ind	ME8-1491
Iowa	Allen Bradley Co	Box 223, Bettendorf, Davenport, Iowa	5-1294
Iowa	Deco Engineering Products	1112 Locust St. Des Moines 9	AT8-5721
Ky	Rietze Co., The	2209 S Floyd St. Louisville 17	ME7-3603
La	Robbins & Robbins	1037 Magazine St. New Orleans 13	JA2-5805
La	Curtis H Stout, Inc	409 Fairfield Bldg. Shreveport	425-5495
Md	Harry W Wood & Co. Inc	124 Light St. Baltimore 2	MU5-4643
Mass	Allen Bradley Co	24 Brighton Ave, Boston 34, Mass	ST2-0203
Mass	Allen-Bradley Co	121 Chestnut St. Springfield 3	RE2-3490
Mich	Allen Bradley Co	6750 E. Davison Ave, Detroit 12, Mich	TW3-7500
Mich	Allen Bradley Co	829 Stockdale, Flint 4, Mich	CE2-9341
Mich	E B Dewey Co	314 Straight, SW, Grand Rapids 2	GL4-1825
Mich	E B Dewey Co	2519 Lake St. Kalamazoo 22	FI4-6163
Minn	Irvin I Aaron & Assoc. Inc	1302 5th Ave. S, Minneapolis 4	FE6-6659
Mo	Allen Bradley Co	904 N. Grand Blvd, St. Louis 6, Mo	JE5-1901
Mo	B L McCreary & Son	1819 Central St. Kansas City 8	HA1-1668
Neb	Midwest Equipment Co	1614 Izard St. Omaha 2	341-7600
NJ	Allen-Bradley Co	1293 Broad St. Bloomfield	ED8-4600
NM	A & A Supply Co	114 Morningside Dr. NE, Albuquerque	AL6-0307
NY	Allen Bradley Co	1547 Central Ave, Albany 5, NY	UN9-9363
NY	Allen Bradley Co	41 N. Division St, Buffalo 3, NY	CL7637
NY	Allen Bradley Co	630 3rd Ave, New York 17, NY	MU2-6070
NY	Allen Bradley Co	820 E. Water St, Syracuse 3, NY	GR6-2141
NY	Robert G Burns, Inc	241 East Ave. Rochester 4	BA5-7510
NC	Allen Bradley Co	307 Lincoln St, Charlotte 3, NC	ED4-6334
Ohio	Allen-Bradley Co	3300 S Dixie Dr. Dayton 39	AX8-6121
Ohio	Allen Bradley Co	2331 Reading Rd, Cincinnati 2, Ohio	UN1-4445
Ohio	Allen Bradley Co	3416 Prospect Ave, Cleveland 15, Ohio	EX1-2855
Ohio	Allen Bradley Co	1922 Sylvania Ave, Toledo 13, Ohio	GR5-2700
Ore	J A Tudor & Assoc. Inc	1004 SE Belmont St. Portland 14	BE2-1188
Pa	Paul R Ulrich	1045 W 26th St. Erie	GL4-4956
Pa	Allen Bradley Co	842 Hamilton St, Allentown, Pa	HE7-2401
Pa	Allen Bradley Co	235 Fairfield Ave, Upper Darby, Pa	SH8-0943
Pa	Allen Bradley Co	2721 W. Liberty Ave, Pittsburgh 16, Pa	FI1-2822
Pa	Allen Bradley Co	653 W. Market St, York, Pa	82-239
Tenn	Bowditch & Co	1311-C N Broadway, Knoxville 17	524-2513
Tenn	Curtis H Stout of Tenn, Inc	718 M & M Bldg. Memphis 3	JA6-7601
Tex	Allen Bradley Co	2810 McKinney Ave, Dallas 1, Tex	TA3-6179
Tex	Allen Bradley Co	2105 McKinney Ave, Houston 3, Tex	CA5-0747
Utah	Stevens Sales Co	1476 Major St. Salt Lake City 10	IN7-5489
Va	Allen-Bradley Co	16 N 8th St. Richmond 19	MI3-4338
Wis	Irvin I Aaron & Assoc. Inc	829 N Marshall St. Milwaukee 2	BR6-8515
For	Allen-Bradley Co. Export	630 3rd Ave. New York City 17, NY	MU2-6070
	ALLEN BUSINESS MACHINE INC RC AIRCRAFT INST DIV	**333 Commerce, S.W., Grand Rapids, Mich**	**GL6-8541**
	T Wilson Jr #9 *130 E 35-470-780-915		
Ala	Kemp Engineering Co	507 Franklin St SE, Huntsville, Ala	534-5351
Ariz	Randolph Engineering Co	1029 N. First St, Phoenix, Ariz	YE7-0217
Cal	Randolph Engineering Co	12202 E. Garvey Blvd, El Monte, Cal	CU3-4183
Cal	Randolph Engineering Co	1436 El Camino Real, Menlo Park, Cal	DA3-4141
Ga	Aironic Accessory Co., Inc	3179 Maple Dr, Atlanta, Ga	CE7-0788
Md	Aironic Accessory Co., Inc	518 Virgina Ave, Baltimore, Md	VA3-3350
Mich	Aironic Accessory Co., Inc.	24634 Five Mile Rd, Detroit 39, Mich	KE2-5770
Mo	Kemp Engineering Co	6414 Hampton Ave, St. Louis, Mo	FL1-2175
NY	Aironic Accessory Co., Inc	1590 Niagara Falls Blvd, Tonawanda, NY	AT4740
NY	Aironic Accessory Co., Inc	165 Orinoco Dr, Brightwaters, NY	MO6-6100
Ohio	Aironic Accessory Co., Inc	4 Eswin St, Cincinnati, Ohio	WE1-0930
Tex	Kemp Engineering Co	2618 Manana Dr, Dallas, Tex	FL7-6663
Wash	W J McNabb Co	P.O. Box 566, Bellevue, Wash	GL4-0577
	ALLEN ELECTRIC & EQUIPMENT CO	**2101 N Pitcher, Kalamazoo, Mich**	**FI5-8531**
	180-230-255-260-275-865-895-1245-1735-1855-1945		
	ALLEN-JONES, INC.	**1345 Gaylord St. Long Beach, Cal**	**HE5-9879**
	R Crowley #2 *21 B 315-760-900-1385		
	ALLEN MFG CO	**Drawer 570, Hartford 1, Conn**	**CH2-8511**
	W Harmer #10 *500 1535		
Cal	Allen Mfg Co	Los Angeles, Cal	RA3-0163
Ill	Allen Mfg Co	Chicago, Ill	LO1-5659
Ohio	Allen Mfg Co	Cleveland, Ohio	CH1-5100
	ALLIANCE MFG. CO. INC	**Lake Park Blvd. Alliance, Ohio**	**TA1-5360**
	G Gemberling 45-1165		
Ill	George Petitt Co	349 N. Ashland, River Forest	CO1-0342
Ind	Paul Fishman	1836 Nottingham Dr. Indpls	VI6-1221
Minn	H M Richardson Co	9 E. 22nd St. Mnpls 2	FE6-4078
NJ	S W Simberkoff Co	175 Oakwood Ave. Orange	OR4-4100
Ohio	Tom Shelby	319 S. Franklin, New Bremen	2774
Ore	Dave M Lee Co	3527 NE Union Ave. Portland 12	AT8-5755
Pa	Lowery Associated	50 E. Wynnewood Rd. Wynnewood	MI2-9100
Tex	Lund & Co	2215 N. Olive St. Dallas	RI8-1839
	ALLIED CHEMICAL CORP BAKER & ADAMSON PRODS GEN CHEM DIV	**40 Rector St, New York, NY**	**HA2-7300**
	G Stribling *5000 G 240-265-410-445-740-1125-1305-1415		
	ALLIED CIRCUIT TECHNIQUES LTD	**29 Brock St, N., Oakville, Ontario, Canada**	
	280-1190-1290-1295-1305-1855		
•	**ALLIED CONTROL CO., INC.**	**2 East End Ave, New York 21, NY**	**BU8-7403**
	E Bacharis #35 *900 G 320-1460-1630-1735-1775-1920		
Ala	F Fausett & Co	777 Pinehurst Ter. SW, Atlanta 11, Ga	PL3-3104
Alaska	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	ME3-3160
Ariz	Western Control Eqpt. Co	14615 Ventura Blvd. Sherman Oaks, Cal.	ST9-1965
Ark	Southern Ind. Electronics Inc	Box 35633, Air Lawn Sta. Dallas 35, Tex	FL2-3901
Cal	Western Control Equipment Co	14615 Ventura Blvd, Sherman Oaks, Cal	ST9-1965
Cal	William J Purdy Co	312 7th St, San Francisco 3, Cal	UN3-3100
Colo	Scientific Instrument Co	1460 Pennsylvania St, Denver 3, Colo	AL5-2777
Conn	MacDonald-Wadman Co	1213 Chestnut St, Newton Upper Fls, Mass	WO9-8980
Conn	Grosvenor M Wadman	P O Box 94, Manchester	
Del	Charles R Hile Co	17 S. Valley Rd, Paoli, Pa	NI4-5500
DC	Daniel & Co	Box 124, Lutherville, Md	VA5-3330
Fla	William R Lehmann Co	P.O. Box 1224, Orlando, Fla	GA2-9348
Ga	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Idaho	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	ME3-3160
Ill	R M Krueger Co	4738 N. Harlem Ave. Chicago 31	UN7-7100
Ill	Forristal-Young Sales Co	8147 Delmar, St. Louis 24, Mo	PA5-7701
Ind	Morris-Cunningham & Assoc	6208 N. College Ave. Indpls. 20	CL1-3222
Iowa	R M Krueger Co	4738 N. Harlem, Chicago 31, Ill	UN7-7100
Kan	Forristal-Young Sales Co	4053 Broadway, Kansas City 11, Mo	VA1-5330
Ky	Morris-Cunningham & Associates	6208 N. College Ave, Indpls 20, Ind	CL1-3222
Ky	A C Wahl & Assoc. Inc	315 Reading Rd. Reading, Cinc. 15, Ohio	VA1-3270
La	Southern Ind. Electronics Inc	Box 35633, Air Lawn Sta. Dallas 35, Tex	FI2-3901
Me	MacDonald-Wadman Co	1213 Chestnut St, Newton Upper Fls, Mass	WO9-8980
Md	Daniel & Co	Box 124, Lutherville	VA5-3330
Mass	MacDonald-Wadman Co	1213 Chestnut St, Newton Upper Fls, Mass	WO9-8980
Mich	L H Dickelman Co	18450 Livernois Ave, Detroit 21, Mich	UN4-4376
Minn	Robert W Marshall	6106 Excelsior Blvd, Mnpls 16, Minn	WE9-0457
Miss	F Fausett & Co	777 Pinehurst Ter. SW, Atlanta 10, Ga	PL3-3104
Mo	Forristal-Young Sales Co	8147 Delmar, St. Louis 24, Mo	PA5-7701
Mont	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	ME3-3160
Neb	Forristal-Young Sales Co	4053 Broadway, Kansas City 11, Mo	VA1-5330
Nev	William J Purdy Co	312 7th St, San Francisco 3, Cal	UN3-3100
NH	MacDonald-Wadman Co	1213 Chestnut St, Newton Upper Fls, Mass	WO9-8980
NJ	Charles R Hile Co	17 S. Valley Rd, Paoli, Pa	NI4-5500
NM	Edward G Miller Jr Co	P.O. Box 8306, Albuquerque, NM	AL6-1561
NY	L D Allen Inc	Box 32, Salina Sta. Syracuse 8	GR1-3108
NC	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Ohio	A C Wahl & Assoc. Inc	315 Reading Rd. Reading, Cinc, 15	VA1-3270
Ohio	A Nace Co. Inc	Box 146, Brecksville 41	JA6-4323
Okla	Southern Ind. Electronics Inc	Box 35633, Air Lawn Sta. Dallas 35, Tex	FL2-3901
Ore	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	ME3-3160
Pa	Charles R Hile Co	17 S. Valley Rd, Paoli, Pa	NI4-5500
Pa	L Dietrich Co	703 Clairton Blvd. Pittsburgh 36	TU1-2228
RI	MacDonald-Wadman Co	1213 Chestnut St, Newton Upper Fls, Mass	WO9-8980
SC	D Hawthorne	Stony Point Hwy. Greenwood	GL1-3637
Tenn	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Tex	Southern Ind. Electronics Inc	Box 35633, Air Lawn Sta. Dallas 35	FL2-3901
Utah	Scientific Instrument Co	1460 Pennsylvania St, Denver 3, Colo	AL5-2777
Vt	MacDonald-Wadman Co	1213 Chestnut St, Newton Upper Fls, Mass	WO9-8980
Va	Daniel & Co	Box 124, Lutherville, Md	VA5-3330
Wash	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	ME3-3160
W. Va	Lowry Dietrich Co	703 Clairton Blvd, Pittsburgh 36, Pa	TU1-2228
Wis	R M Krueger Co	4738 N. Harlem, Chicago 31, Ill	UN7-7100
Wisc	Robert W Marshall	6106 Excelsior Blvd, Mnpls 16, Minn	WE9-0457
Wyo	Scientific Instrument Co	1460 Pennsylvania St, Denver 3, Colo	AL5-2777
Can	Adams Eng. Ltd	1500 St. Catherine W, Montreal, Que.	WE3-8857
Can	D Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	ME3-3160

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	ALLIED ENGINEERING & PRODUCTION CORP	**2421 Blanding Ave. Alameda, Cal**	**LA2-1500**
	H Miller #8 *165 E 100-240-750-995-1075-1125-1290-1575		
•	**ALLIED RADIO CORP**	**100 N. Western Ave, Chicago 80, Ill**	**HA1-6800**
	A Preskill #15 * 1000 G 55-180-325-895-955-1135-1255-1265-1270-1370-1425-1435-1675-1845-1870		
Cal	Electronic Supply Corp	2085 E Foothill Blvd., Pasadena	SY 5-5901
Ill	Marion Van Aukdale	775 W Macon St. Decatur	
Ind	Joe Lynn	413 S. 28th St, S. Bend 15,	AT8-3670
Ind	Henry W Kiszla	4208 N Sheridan, Indpls. 26	LI 5-0145
Mich	Dale Thomas	1330 Calhoun, Kalamazoo,	FI9-1694
Mich	Clark Fleming	1028 Stanley, Birmingham	MI7-2021
Minn	James R Rhode	2176 Suburban Ave, St. Paul,	PR4-8326
Mo	Ray Person	602 Nancy Place, Ballwin	LA 7-6096
Ohio	Robert K Abbott	108 W. Cooke Rd, Columbus 14,	AM3-9959
Ohio	George C Tomin	221 Austin Dr Ct, Barberton,	PL3-3912
Ohio	William F Cramer	1961 Shenandoah, Toledo	JE 6-5325
Wisc	H J Mitchell	RL 4 Box 186, Pewaukee	691-0969
Wisc	Robert J Butm	Box 17, West Bend	FE4-4435
Wisc	Allied Radio of Wisconsin	2461 W Center St. Milwaukee	HI 4-8320
	ALLIED RESEARCH ASSOC INC	**43 Leon St. Boston 15, Mass**	**GA7-2434**
	A Sopwith #120 *230 E 340-360-895-1170-1520-1935		
DC	Robert Jensen	1525 "K" St. Wash 6	RE7-2126
Pa	William McCain	350 Strathmore Rd. Havertown	HI9-0619
	ALLIED RESEARCH PRODUCTS INC	**4004 E. Monument St, Baltimore 5, Md**	**PE2-9070**
	J Cairns *206 E 265-315-1125-1385		
Cal	L H Butcher Co	3628 E. Olympic Blvd, Los Angeles 3, Cal	AN2-4101
Conn	A R P I	309 Meadowbrook Rd, Fairfield, Conn	CL9-2710
Ga	C H Hahner	1841 Cheshire Br Rd, N.E., Atlanta, Ga	TR5-1646
Ill	A R P I	4231 N. Nordica Ave, Chicago 34, Ill	SP4-0234
Ind	B Howfee	2051 E. 46th, Indianapolis 5, Ind	CL1-9111
Iowa	A Jackson	2218 N. Howell St, Davenport, Iowa	DA6-1733
Mich	L J Camin	400 E. Midland Ave, Detroit 3, Mich	TU3-0100
Minn	Industrial Chem & Equip Co	205 S. 11th Ave, Minneapolis 15, Minn	FE9-4509
NJ	G E Ward	29 Pardo Ave, N. Arlington, NJ	WY1-8777
NY	L E Ward	1125 Bellevue, Syracuse 4, NY	GR8-6029
Ohio	T C Richard	6851 Plainfield Rd, Cincinnati, Ohio	SY1-1156
Ohio	R B Gleisner	1501 Euclid Ave. Cleve	MA1-9300
Pa	G DeCarlo	238 4 Ave, Pittsburgh 22, Pa	GR1-1150
Pa	P J Borell	Broad & Chestnut, Philadelphia 7, Pa	KI6-0774
Wisc	John Schneider	101 Dunwood Rd, Milwaukee 17, Wisc	FL2-6226
	ALLIES' PRODUCTS CORP	**Box 188, Kendall Br, Miami 56, Fla**	**CE5-6424**
	H Brown 1135-1475		
Ariz	Weightman & Assoc	4029 Burbank Blvd, Burbank, Cal	VI9-2435
Cal	Weightman & Assoc	4029 Burbank Blvd, Burbank, Cal	VI9-2435
Cal	Weightman & Assoc	1436 El Camino Real, Menlo Park,	DA6-3797
Conn	White Sales Co., Inc	945 Great Plain Ave, Needham 92, Mass	HI4-3676
Conn	White Sales Co., Inc	39 Mildrum Rd, Berlin,	BA4-0423
Del	John J Nolan & Assoc	314 W. Sparks St, Philadelphia, Pa	WA4-1595
DC	John J Nolan & Assoc	314 W. Sparks St, Philadelphia, Pa	WA4-1595
Fla	Repco Sales	401 N.W. 71 St, Miami 38, Fla	PL7-2511
Ill	Hill & Gray Inc	821 Garfield St, Oak Park, Ill	ES8-7050
Ill	Gordon Finman Engineering Co	6360 Stanford Ave, St. Louis 24, Mo	PA5-5219
Ind	Midwest Sales Co	3219 W. 117 St, Cleveland 11, Ohio	WI1-2700
Kan	Gordon Finman Engineering Co	6360 Stanford Ave, St. Louis 24, Mo	PA5-5219
Me	White Sales Co., Inc	945 Great Plain Ave, Needham 92, Mass	HI4-3676
Md	John J Nolan & Associates	314 W. Sparks St, Phila, Pa	WA4-1595
Mass	White Sales Co., Inc	945 Great Plain Ave, Needham 92, Mass	HI4-3676
Mich	Midwest Sales Co	3219 W. 117 St, Cleveland 11, Ohio	WI1-2700
Mo	Gordon Finman Engineering Co	6360 Stanford Ave, St. Louis 24	PA5-5219
Nev	Weightman & Associates	4029 Burbank Blvd, Burbank, Cal	VI9-2435
NH	White Sales Co., Inc	945 Great Plain Ave, Needham 92, Mass	HI4-3676
NJ	Harold Gray Associates	46 Tenafly Rd, Tenafly, NJ	LO7-3585
NJ	John J Nolan & Associates	314 W. Sparks St, Phila, Pa	WA4-1595
NY	Harold Gray Associates	46 Tenafly Rd, Tenafly, NJ	LO7-3585
NY	Kaatersil Electronics	Rt 9-W, North Kingston, NY	FE8-5262
Ohio	Midwest Sales Co	3219 W. 117 St, Cleveland 11,	WI1-2700
Pa	John J Nolan & Associates	314 W. Sparks St, Phila, Pa	WA4-1595
Pa	Midwest Sales Co	3219 W. 117 St, Cleveland 11, Ohio	WI1-2700
RI	White Sales Co., Inc	945 Great Plain Ave, Needham 92, Mass	HI4-3676
Vt	White Sales Co., Inc	945 Great Plain Ave, Needham 92, Mass	HI4-3676
Va	John J Nolan & Associates	314 W. Sparks St, Phila, Pa	WA4-1595
Wash	John J Nolan & Associates	314 W. Sparks St, Phila, Pa	WA4-1595
W. Va	Midwest Sales Co	3219 W. 117 St, Cleveland 11, Ohio	WI1-2700
Wis	Hill & Gray Inc	821 Garfield St, Oak Park, Ill	ES8-7050
	ALLIS-CHALMERS MFG CO	**935 S. 70th St, Milwaukee 1, Wisc**	**SP4-3600**
	E Laidway #1500 *32000 G 360-500-895-1445-1455		
Ala	Allis-Chalmers Mfg Co	1824-29th Ave, S., Birmingham 9, Ala	TR9-8621
Ariz	Allis-Chalmers Mfg Co	3300 N. Central Ave, Phoenix, Ariz	CR4-5426
Cal	Allis-Chalmers Mfg Co	417 S. Hill St, Los Angeles 13, Cal	MA6-2231
Cal	Allis-Chalmers Mfg Co	747 Ninth Ave, San Diego 1, Cal	BE2-7355
Cal	Allis-Chalmers Mfg Co	635 Harrison St, San Francisco 7, Cal	DO2-8394
Colo	Allis Chalmers Mfg Co	655 Broadway Bldg, Denver 3	CH4-2951
Conn	Allis Chalmers Mfg Co	1049 Asylum Ave, Hartford 5	CH6-5675
DC	Allis Chalmers Mfg Co	1901 Pennsylvania Ave. NW, Wash 6	FE3-8886
Fla	Allis Chalmers Mfg Co	1723 Grand Central Bldg, Tampa 1.	2-8371
Fla	Allis-Chalmers Mfg Co	1670 San Marco Blvd, Jacksonville 7, Fla	EX8-6441
Fla	Allis-Chalmers Mfg Co	25 S.E. 2nd Ave, Miami 32, Fla	FR9-5691
Ga	Allis-Chalmers Mfg Co	57 Forsythe St, N.W., Atlanta 3, Ga	JA2-7116
Ill	Allis-Chalmers Mfg Co	135 S. LaSalle St, Chicago 3, Ill	FR2-6480
Ill	Allis-Chalmers Mfg Co	Commercial Natl Bank Bldg, Peoria 2, Ill	4-9279
Ill	Allis-Chalmers Mfg Co	305 N. Main St, Rockford, Ill	WO5-0664
Ind	Allis-Chalmers Mfg Co	329 Main St, Evansville 9, Ind	HA4-8219
Ind	Allis-Chalmers Mfg Co	3590 N. Meridian St, Indianapolis 18, Ind	WA4-5361
Iowa	Allis-Chalmers Mfg Co	326 W. Third St, Davenport, Iowa	3-9793
Iowa	Allis-Chalmers Mfg Co	206 Sixth Ave, Des Moines, Iowa	CH3-8682
Kan	Allis-Chalmers Mfg Co	114 S. Main St, Wichita 2, Kan	FO3-9762
Ky	Allis-Chalmers Mfg Co	233 E. Burnett Ave, Louisville 8, Ky	ME7-5478
La	Allis Chalmers Mfg Co	2001 Canal St. New Orleans 12	JA5-8623
La	Allis-Chalmers Mfg Co	624 Travis St, Shreveport 23, La	2-3274
Me	Allis-Chalmers Mfg Co	268 1/2 Water St, Augusta, Me	MA3-4769
Md	Allis-Chalmers Mfg Co	1115 E. 30th St, Baltimore 18, Md	HO7-4480
Mass	Allis-Chalmers Mfg Co	31 St. James Ave, Boston 16, Mass	HU2-3700
Mich	Allis-Chalmers Mfg Co	17170 W. Seven Mile Rd, Detroit 35, Mich	BR3-6400
Mich	Allis-Chalmers Mfg Co	5-7 Lyon St, N.W., Grand Rapids 2, Mich	GL9-8249
Mich	Allis-Chalmers Mfg Co	297 W. Michigan Ave, Jackson, Mich	ST4-8591
Minn	Allis Chalmers Mfg Co	7301 Excelsior Blvd, Mpls 16	WA6-6571
Minn	Allis-Chalmers Mfg Co	10 E. Superior St, Duluth 2, Minn	RA7-5061
Mo	Allis Chalmers Mfg Co	7912 Bonhomme Ave. St Louis 5	PA5-5454
Mo	Allis-Chalmers Mfg Co	1734 Main St, Kansas City 8, Mo	VI2-0132
Neb	Allis-Chalmers Mfg Co	14th & Farnam Sts, Omaha 2, Neb	AT1710
NC	Allis-Chalmers Mfg Co	300 E. Seventh St, Charlotte 6, NC	ED4-1567-8-9
NJ	Allis Chalmers Mfg Co	2222 Morris Ave, Union	MU7-3700
NM	Allis Chalmers Mfg Co	5104 Grand Ave. NE, Albuquerque	AM5-5064
NY	Allis-Chalmers Mfg Co	170 Franklin St, Buffalo 2, NY	WA1741
NY	Allis-Chalmers Mfg Co	100 Church St, New York 7, NY	BE3-9100
NY	Allis-Chalmers Mfg Co	11 Gibbs St, Rochester 4, NY	BA5-4080
NY	Allis-Chalmers Mfg Co	472 S. Salina St, Syracuse 2, NY	GR1-0147
Ohio	Allis Chalmers Mfg Co	1501 Madison Rd. Cin 6	PL1-6700
Ohio	Allis Chalmers Mfg Co	1717 E 9th St. Cleve 14	MA1-5182
Ohio	Allis-Chalmers Mfg Co	2003 W. Market St, Akron 13, Ohio	TE6-7896
Ohio	Allis-Chalmers Mfg Co	1500 W. Third St, Columbus 12, Ohio	HU6-2465
Ohio	Allis-Chalmers Mfg Co	11 W. Monument Ave, Dayton 2, Ohio	BA8-2174
Ohio	Allis-Chalmers Mfg Co	245 Summit St, Toledo 4, Ohio	CH4-7488
Ohio	Allis-Chalmers Mfg Co	25 E. Boardman St, Youngstown 3, Ohio	RI3-5175
Okla	Allis-Chalmers Mfg Co	401 N. Harvey, Oklahoma City 1, Okla	RE9-1631
Okla	Allis-Chalmers Mfg Co	320 E. Archer St, Tulsa 3, Okla	GI7-9163
Ore	Allis Chalmers Mfg Co	2800 SE Beta St. Portland 22	OL4-9527
Pa	Allis Chalmers Mfg Co	1617 Pa Blvd. Phila 3	LO3-8412
Pa	Allis-Chalmers Mfg Co	1436 Hamilton St, Allentown, Pa	HE4-9386
Pa	Allis-Chalmers Mfg Co	1701 McFarland Rd, Pittsburgh 16, Pa	LO3-4434
Pa	Allis-Chalmers Mfg Co	56 N. Queen St, York, Pa	YO5415
Tenn	Allis-Chalmers Mfg Co	Hamilton Nat'l Bank Bldg, Chattanooga	AM6-5101
Tenn	Allis-Chalmers Mfg Co	531 S. Gay St, Knoxville 2, Tenn	2-2165
Tenn	Allis-Chalmers Mfg Co	46 N. Third St, Memphis 3, Tenn	JA7-0377
Tex	Allis Chalmers Mfg Co	330 Liberty St, Beaumont	TE5-2535
Tex	Allis Chalmers Mfg Co	416 N Chaparrel St, Corpus Christi	TU3-8521
Tex	Allis-Chalmers Mfg Co	412 First Nat'l Bank Bldg, Abilene	OR4-3472
Tex	Allis-Chalmers Mfg Co	301 Polk St, Amarillo, Tex	DR3-1766
Tex	Allis-Chalmers Mfg Co	1800 W. Market, Dallas	RI2-7144
Tex	Allis-Chalmers Mfg Co	502 Electric Bldg, El Paso, Tex	KE3-9517
Tex	Allis-Chalmers Mfg Co	408 W. 7th St, Ft. Worth 1, Tex	ED2-8331
Tex	Allis-Chalmers Mfg Co	1104 Dowling St, Houston 3, Tex	CA5-0691
Tex	Allis-Chalmers Mfg Co	902 1st Natl. Bank Bldg. San Antonio	CA7-7022
Utah	Allis-Chalmers Mfg Co	136 S. Main St, Salt Lake City 1, Utah	EM3-1723
Va	Allis Chalmers Mfg Co	3311 W Broad St, Richmond 19	EL8-3861
Wash	Allis Chalmers Mfg Co	1325 4th Ave, Seattle 1	MA4-3737
Wash	Allis-Chalmers Mfg Co	W. 12 Indiana Ave, Spokane 17, Wash	FA7-1581
W. Va	Allis-Chalmers Mfg Co	179 Summers St, Charleston 1, W.Va	DI3-9505
Wisc	Allis-Chalmers Mfg Co	1000 W. College Ave, Appleton, Wisc	RE4-4577
Wisc	Allis-Chalmers Mfg Co	2040 W. Wisconsin Ave, Milwaukee 3, Wisc	WE3-1736
Can	Allis Chalmers Mfg Co	852 Cutfern Ave, Winnipeg, Man	JU9-5373
Canada	Allis-Chalmers Mfg Co	709-8th Ave, W., Calgary, Alberta, Canada	AM2-5880
Canada	Allis-Chalmers Mfg Co	232 S. George St, Moncton, N.B., Canada	EV4-9250
Canada	Allis-Chalmers Mfg Co	1200 Pender St, Vancouver, B.C., Canada	MU1-3496
	ALLISON LABORATORIES INC	**11301 E. Ocean Ave, La Habra, Cal**	**OW1-0115**
	E Parsons #2 *12 C 50-670-895		
Ala	Specialized Electronic Corp	529 N. 18th St, Birmingham 5, Ala	FA4-1615
Alas	Arva Inc	Box 171, Anchorage	BR2-6731
Ariz	Tech-Ser Inc	Box 6544, San Diego 6, Cal	AC2-1121
Ark	Arnold Barnes Co	3603 Lemmon Ave, Dallas 19, Tex	LA6-8735
Cal	Tech-Ser Inc	3540 Wilshire Blvd. L A 5	DU5-1765
Cal	Tech-Ser Inc	640 Coachoe St. Palo Alto	DA5-3251
Cal	Tech-Ser Inc	Box 6544, San Diego 6	AC2-1121
Colo	Lahana & Co	1886 S Broadway, Denver 10	PE3-3791
Conn	Burlingame Associates	510 S. Fulton Ave, Mt.Vernon, NY	MO4-7530
Del	Burlingame Associates	8218 Wisconsin Ave, Washington 14, DC	OL4-6400
DC	Burlingame Associates	8218 Wisconsin Ave, Washington 14, DC	OL4-6400
Fla	Specialized Electronic Corp	711 Magnolia Ave, Orlando, Fla	GA4-0433
Fla	Specialized Electronic Corp	1301 Bay Shore Dr, Cocoa Beach, Fla	SU3-2088
Ga	Specialized Electronic Corp	529 N 18th St, Birmingham 5, Ala	FA4-1615
Ga	Specialized Electronic Corp	529 N. 18th St, Birmingham 5, Ala	FA4-1615
Haw	Arva Inc	Box 135, Honolulu	209-781
Idah	Arva Inc	1320 Prospect St. Seattle 9, Wash	MA2-0177
Ill	Gordon N Stowe	1728 Chapel Ct, Northbrook, Ill	RA6-0940
Ind	Gordon N Stowe	1728 Chapel Ct, Northbrook, Ill	RA6-0940
Iowa	Engineering Services Co	1305 Oakland Gardens, Cedar Rapids	EM5-6183
Kan	Engineering Services Co	247 S Pinecrest, Wichita	MU3-3751
La	Arnold Barnes Co	3603 Lemmon Ave. Dallas 19, Tex	LA6-8735
Me	Burlingame Associates	974 Main St, Waltham 54, Mass	TW4-1955
Md	Burlingame Associates	8218 Wisconsin Ave, Washington 14, DC	OL4-6400
Mass	Burlingame Associates	974 Main St, Waltham 54, Mass	TW4-1955
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit 35, Mich	BR3-2900
Minn	Pat Lund Electronics Co	9781 Western Ave, Circle Pines, Minn	SU4-3827
Miss	Specialized Electronic Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
Mo	Eng Services Co	6717 Vernon, St Louis 30	PA6-2233
Mo	Engineering Services Co	4550 Main, Kansas City	JE1-7765
Mont	Arva Inc	1320 Prospect St. Seattle 9, Wash	MA2-0177
Mont	Lahana & Co	1886 S Broadway, Denver 10, Colo	PE3-3791
Neb	Engineering Services Co	1305 Oakland Gardens, Cedar Rapids, Ia	EM5-6183
NH	Burlingame Associates	974 Main St, Waltham 54, Mass	TW4-1955
NJ	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
NY	Burlingame Assoc	514 University Bldg. Syracuse 2	GR4-7409
NY	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
NC	Specialized Electronic Corp	529 N 18th St. Birmingham 5, Ala	FA4-1615
NC	Specialized Electronic Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
ND	Pat Lund Electronics Co	9781 Western Ave, Circle Pines, Minn	SU4-3827
Ohio	S Sterling Co	3300 S Dixie Dr. Dayton 39	AX8-7573
Ohio	S Sterling Co	5827 Mayfield Rd, Cleveland 24, Ohio	HI2-8080
Ohio	S Sterling Co	363 W. 1st St, Dayton 2, Ohio	BA8-8794
Okla	Arnold Barnes Co	Box 5417, Tulsa	WE6-7707
Ore	Arva Inc	1233 NW Glisan St. Portland 9	CA2-7337
Pa	S Sterling Co	4232 Brownsville Rd. Pittsburgh 27	TU4-5515
Pa	Burlingame Associates	222 Long Ln, Upper Darby, Pa	SH7-3080
RI	Burlingame Associates	974 Main St, Waltham 54, Mass	TW4-1955
SC	Specialized Electronic Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
SD	Pat Lund Electronics Co	9781 Western Ave, Circle Pines, Minn	SU4-3827
Tenn	Specialized Electronic Corp	529 N 18th St. Birmingham 5	FA4-1615
Tex	Arnold Barnes Co	3603 Lemmon Ave, Dallas 19	LA6-8735
Utah	Lahana & Co	1482 Major St. Salt Lake City 15	HU6-8166
Vt	Burlingame Associates	974 Main St, Waltham 54, Mass	TW4-1955
Va	Burlingame Associates	8218 Wisconsin Ave, Washington 14, DC	OL4-6400
Wisc	Pat Lund Electronics Co	9781 Western Ave, Circle Pines, Minn	SU4-3827
Wash	Arva Inc	1320 Prospect St, Seattle 9	MA2-0177
W Va	S Sterling Co	4232 Brownsville Rd. Pittsburgh 27, Pa	TU4-5515
Wyo	Lahana & Co	1886 S Broadway, Denver 10, Colo	PE3-3791
Can	Electrodesign	9124 St Lawrence Blvd. Montreal 11	DU9-5914
Can	Electrodesign	35 Mutholland St. Toronto 19, Ont	RU7-1891
Can	Electrodesign	376 London Terr. Ottawa, Ont.	SH5-6837
Can	Arva Inc	356 Burrard St. Vancouver 1, BC	MU2-4323
For	Sales Representatives in all principal countries		
•	**ALLMETAL SCREW PRODUCTS CO., INC**	**821 Stewart Ave, Garden City, NY**	**PI1-1200**
	S Marsh *125 125-1185-1205-1535-1940		
Cal	Allmetal Screw Products Co., Inc	5822 W. Washington Blvd, Culver City, Cal	WE3-9595
Ill	Allmetal Screw Products Co., Inc	6424 W. Belmont Ave, Chicago 34, Ill	AV2-3232
	ALLOYD ELECTRONICS CORP	**37 Cambridge Pkwy, Cambridge 42, Mass**	**UN8-6900**
	G Wheeler Jr #5 *17 D 1115-1945		
Cal	Cain & Co	1717 N Highland Ave, L A 28	HO2-6491
Cal	Cain & Co	22331 Holt Ave, Los Altos	YO9-0995
DC	Cain & Co	734 15th St. Wash 5	EX3-7587
Fla	Cain & Co	411 15th Ave. St Petersburg 8	WA1-8151
Ill	Cain & Co	3508 Devon Ave. Chicago 45	OR6-9500
Mass	Cain & Co	1644 Mass Ave. Lexington	VO2-5330
NM	Cain & Co	1437 San Mateo NE, Albuquerque	26-8530
NY	Cain & Co	11 Columbus Circle, New York 19	PL7-8877
Ohio	Cain & Co	Box 184, Yellow Springs	RO7-8661
Tex	Cain & Co	Box 1117, Irving	
	ALLOYS UNLIMITED INC	**21-01 43rd Ave. LIC 1, NY**	**EM1-9540**
	G Coleman E 780-1075-1120-1125-1350-1545-1635-1960		
	ALMAC PLASTICS INC	**600 Broadway, NY 12, NY**	**WO6-4900**
	120-135-220-620-625-660-765-770-900-975-1220-1290-1295		
NJ	Almac Plastics Inc	23 Sussex Ave. Newark	MI3-6110
	ALPAR MFG CORP	**220 Demeter St, Palo Alto, Cal**	**DA6-8105**
	R Lawtrup #2 *10 B 45-1135		
Ala	Fred Wemble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Alaska	Frazar & Hansen Ltd	301 Clay St, San Francisco, Cal	EX2-5112
Ariz	C H Mitchell Co	3391 W Camelback Rd. Phoenix	WE5-3039
Ariz	Allen I Williams Co	3033 N Central Ave. Phoenix	CR7-7477
Cal	C H Mitchell Co	13854 Ventura Blvd, Sherman Oaks, Cal	TR3-4874
Colo	Allen I Williams Co	2263 S. Albion St, Denver, Colo	SK6-9403
Conn	Chester Drexler	3 Lee Dr, S. Farmingdale, NY	CH9-8155
Del	Charles H Chaney Jr	P.O. Bldg, Flourtown, Pa	CH8-3232
DC	Charles H Chaney Jr	P.O. Bldg, Flourtown, Pa	CH8-3232
Fla	Fred Wemble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Ga	Fred Wemble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Idaho	Allen I Williams Co	2263 S. Albion St, Denver, Colo	SK6-9403
Ill	Doug Cook & Associates	3055 N. Meridian St, Indpls 8, Ind	FL9-8155
Ind	Doug Cook & Associates	3055 N. Meridian St, Indpls 8, Ind	FL9-8155
Kan	Allen I Williams Co	2263 S. Albion St, Denver, Colo	SK6-9403
Ky	Doug Cook & Associates	3055 N. Meridian St, Indpls 8, Ind	FL9-8155
Me	Chester Drexler	3 Lee Dr, S. Farmingdale, NY	CH9-8155
Md	Charles H Chaney Jr	P.O. Bldg, Flourtown, Pa	CH8-3232
Mass	Chester Drexler	3 Lee Dr, S. Farmingdale, NY	CH9-8155
Mich	Lawrence Zeltins Co	7351 Grailot Ave, Detroit 13, Mich	VA1-7805
Miss	Fred Wemble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Neb	Allen I Williams Co	2263 S. Albion St, Denver, Colo	SK6-9403
Nev	C H Mitchell Co	13854 Ventura Blvd, Sherman Oaks, Cal	TR3-4874
NH	Chester Drexler	3 Lee Dr, S. Farmingdale, NY	CH9-8155
NJ	Charles H Chaney Jr	P.O. Bldg, Flourtown, Pa	CH8-3232
NM	Allen I Williams Co	3221 Silver Ave, S.E. Albuquerque, NM	AL5-9632
NY	Chester Drexler	3 Lee Dr, S. Farmingdale, NY	CH9-8155
NC	Fred Wemble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Pa	Charles H Chaney Jr	P.O. Bldg, Flourtown, Pa	CH8-3232
RI	Chester Drexler	3 Lee Dr, S. Farmingdale, NY	CH9-8155
SC	Fred Wemble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Tenn	Fred Wemble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Utah	Allen I Williams Co	2263 S. Albion St, Denver, Colo	SK6-9403
Vt	Chester Drexler	3 Lee Dr, S. Farmingdale, NY	CH9-8155
Wyo	Allen I Williams Co	2263 S. Albion St, Denver, Colo	SK6-9403
Foreign	Frazar & Hansen Ltd	301 Clay St, San Francisco, Cal	EX2-5112
	ALPHA CORP OF TEXAS	**820 E Arapaho Rd. Richardson, Tex**	**AD5-2331**
	C Harris #218 *710 G 325-1135		
Cal	Alpha Corp of Texas	PO Box 1411, Visalia	HU6-8331
DC	Alpha Corp of Texas	1625 Connecticut Ave. Wash 9	DE2-9211
Fla	Alpha Corp of Texas	110 Atlantic Blvd. Eau Gallie	AM2-3654
Mass	Alpha Corp of Texas	58 Hallett, N Scituate	AL4-5025
NY	Alpha Corp of Texas	Box 630, Rome	RE2-3637
Ohio	Alpha Corp of Texas	3898 Linden Ave. Dayton	CL3-8166
	ALPHA INSTRUMENT CO	**43 Hempstead St. New London, Conn**	**GI2-2141**
	895-1330-1475		
	ALPHA METALS INC	**600 Water St, Jersey City, NJ**	**HE4-4778**
	A Mann #25 *100 G 265-700-1100-1125-1350-1575-1635		
Ariz	Alpha Metals Inc	2343 Saybrook Ave. L A, Cal	RA3-9044
Ark	Alphaloy	2250 S Lumber St. Chicago, Ill	MO6-5280
Cal	Alpha Metals Inc	2343 Saybrook Ave. L A	RA3-9044
Colo	Alphaloy	2250 S Lumber St. Chicago, Ill	MO6-5280
Conn	Norman Bitsky	PO Box 71, Pearl River, NJ	
Del	Otto Pessel	441 Elliot St. Phila, Pa	CH7-7894
DC	Otto Pessel	441 Elliot St. Phila, Pa	CH7-7894
Fla	H R Gross & Co	619 Riverside Dr. Ormond Beach	OR7-0728
Idaho	Alpha Metals Inc	2343 Saybrook Ave. L A, Cal	RA3-9044
Ill	Alphaloy Corp	2250 S Lumber St. Chicago	MO6-5280
Ind	Alphaloy Corp	2250 S Lumber St. Chicago, Ill	MO6-5280
Iowa	Alphaloy Corp	2250 S Lumber St. Chicago, Ill	MO6-5280
Kan	Alphaloy Corp	2250 S Lumber St. Chicago, Ill	MO6-5280
Ky	Alphaloy Corp	2250 S Lumber St. Chicago, Ill	MO6-5280
Me	Donald A Fitzgerald	12 Greenfield Ln. Scituate, Mass	LI5-3750
Md	Otto Pessel	441 Elliot St. Phila, Pa	CH7-7894
Mass	Donald A Fitzgerald	12 Greenfield Ln. Scituate, Mass	LI5-3750

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Mich	Jerome Zavan	21 Reading Ave, Hinsdale	HE7-4539
Minn	Alphaloy Corp	2250 S Lumber St, Chicago, Ill	MO6-5280
Mo	Alphaloy Corp	2250 S Lumber St, Chicago, Ill	MO6-5280
Mont	Alpha Metals Inc	2343 Saybrook Ave, L A, Cal	RA3-9044
Neb	Alphaloy Corp	2250 S Lumber St, Chicago, Ill	MO6-5280
Nev	Alpha Metals Inc	2343 Saybrook Ave, L A, Cal	RA3-9044
NH	Donald A Fitzgerald	12 Greenfield Ln, Scituate, Mass	LI5-3760
NJ	Otto Pessel	441 Elliot St, Phila, Pa	CH7-7854
NM	Alphaloy Corp	2250 S Lumber St, Chicago, Ill	MO6-5280
NY	James Kennedy	37 Ellwood Dr, Tonawanda	LU8771
ND	Alphaloy Corp	2250 S Lumber St, Chicago, Ill	MO6-5280
Ohio	Jerome Zavan	21 Reading Ave, Hinsdale, Mich	HE7-4539
Okla	Alphaloy	2250 S Lumber St, Chicago, Ill	MO6-5280
Ore	Alpha Metals Inc	2343 Saybrook Ave, L A, Cal	RA3-9044
Pa	Otto Pessel	441 Elliot St, Phila	CH7-7854
RI	Donald A FitzGerald	12 Greenfield Ln, Scituate, Mass	LI5-3760
SD	Alphaloy Corp	2250 S Lumber St, Chicago, Ill	MO6-5280
Utah	Alpha Metals Inc	2343 Saybrook Ave, L A, Cal	RA3-9044
Vt	Donald A FitzGerald	12 Greenfield Ln, Scituate, Mass	LI6-3760
Wash	Alpha Metals Inc	2343 Saybrook Ave, L A, Cal	RA3-9044
Wis	Alphaloy Corp	2250 S Lumber St, Chicago, Ill	MO6-5280
Wyo	Alphaloy Corp	2250 S Lumber St, Chicago, Ill	MO6-5280
	ALPHA-MOLYKOTE CORP	**65 Harvard Ave, Stamford, Conn**	**FI8-3724**
	D Moltie #6 *45 E 1070		
Ala	Standard Oil Co (Kentucky)	Louisville, Ky	ME7-1421
Cal	Haskel Engineering & Supply Co	1236 S Central Ave, Glendale 4, Cal	CH5-6811
Cal	Haskel Engineering & Supply Co	225 11th St, San Francisco 3, Cal	UN3-1499
Fla	Standard Oil Co (Kentucky)	Jacksonville, Fla	EL4-5561
Ga	Standard Oil Co (Kentucky)	Atlanta, Ga	JA3-5011
Ill	Alpha-Molykote Corp, The	2645 W Peterson Ave, Chicago	LO1-7458
Kan	Wilco Inc	220 S Wichita, Wichita 2, Kan	AU5-5648
Ky	Standard Oil Co (Kentucky)	Louisville, KY	ME7-1421
Mich	Penn Petroleum Corp	7131 Westfield Ave, Detroit 4, Mich	TE4-3500
Miss	Standard Oil (Kentucky)	Jackson, Miss	FL5-4781
Ohio	Stevenson Oil & Chemical Co	30130 Lakeland Blvd, Wickliffe, Ohio	WH3-3338
Ore	Wall Western Inc	1717 N.W. 14th Ave, Portland 9, Ore	CA8-6641
Pa	Lanco Engineering Sales Co	33 & Arch St, Philadelphia 4, Pa	EV6-8835
Pa	Penn Petroleum Corp	219 Giffin Ave, Pittsburgh 10, Pa	EV1-3400
Tex	Pan-Tech Engrg & Supply Co	3022 Mercer, Houston 27, Tex	JA6-4623
Foreign	Sales Offices Representatives in all Principal Countries		
•	**ALPHA WIRE CORP**	**200 Varick St, New York 14, NY**	**AL5-5400**
	Frost 190-375-1290-1505-1575-1815-1885-1895-1960		
Ala	James Millar Associates	1036 Peachtree St, N.E., Atlanta, Ga	TR6-0919
Alaska	Samuel N Stroum Co	1612 Broadway, Seattle 4, Wash	EA3-6117
Ariz	Perlmuth Electronic Associates	5057 W Washington Blvd, L A 16, Cal	WE1-1041
Ark	Kay Sales Co	2600 Grand Ave, Kansas City 8, Mo	BA1-3800
Cal	Perlmuth Electronic Associates	5057 W Washington Blvd, Los Angeles 16	WE1-1041
Cal	Bill Kollars & Co	219 California Dr, Burlingame, Cal	DI4-7111
Colo	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Conn	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Del	Be-Esco Corp	45 S. Broadway, Yonkers, NY	YO3-0150
DC	Be-Esco Corp	45 S. Broadway, Yonkers, NY	YO3-0150
Fla	James Millar Associates	1036 Peachtree St, N.E., Atlanta, Ga	TR6-0919
Ga	James Millar Associates	1036 Peachtree St, N.E., Atlanta, Ga	TR6-0919
Hawaii	Perlmuth Electronic Associates	5057 W Washington Blvd, L A 16, Cal	WE1-1041
Idaho	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Ill	Albert H Bruning Co	1758 Lawrence Ave, Chicago 40, Ill	ED4-0989
Ind	Thomas & Sukup Inc	5225 N. Keystone Ave, Indianapolis, Ind	CL1-4574
Iowa	L F Florence Co	406 W. 34th St, KC, Mo	LO1-7282
Kan	L F Florence Co	406 W. 34th St, KC, Mo	LO1-7282
Ky	Thomas & Sukup Inc	5225 N. Keystone Ave, Indianapolis, Ind	CL1-4574
Ky	Neal Bear Corp	3435 Streetsboro Rd, W. Richfield, Ohio	OL7-3331
La	The Texport Co	2147 Farrington Blvd, Dallas 7, Tex	RI7-6886
Me	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Md	Be-Esco Corp	45 S. Broadway, Yonkers, NY	
Md	Neal Bear Corp	3435 Streetsboro Rd, W. Richfield, Ohio	OL9-3331
Mass	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Mich	Shalco Inc	20325 [illegible] Ave, Ferndale 20, Mich	LI7-4771
Minn	L H Josefson Co	4720 Sweet Briar Ln, Hopkins	WE8-6695
Miss	James Millar Associates	1036 Peachtree St, N.E., Atlanta, Ga	TR6-0919
Mo	L F Florence Co	406 W. 34th St. KC	LO1-7282
Mont	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Neb	L F Florence Co	406 W. 34th St. KC, Mo	LO1-7282
Nev	Perlmuth Electronic Associates	5057 W. Washington Blvd, L A 16, Cal	WE1-1041
Nev	Bill Kollars & Co	219 California Dr, Burlingame, Cal	DI4-7111
NH	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
NJ	Beil & Whitaker Inc	3623 Jacksonwald Ave, Reading, Pa	FR5-6837
NM	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE5-3456
NY	Marsey Sales Co	529 Merchants Rd, Rochester, NY	HU2-4133
NY	Be-Esco Corp	45 S. Broadway, Yonkers, NY	YO3-0150
NC	James Millar Associates	1036 Peachtree St, N.E., Atlanta, Ga	TR6-0919
Ohio	Neal Bear Corp	3435 Streetsboro Rd, W. Richfield, Ohio	OL9-3331
Ore	Samuel N Stroum Co	1612 Broadway, Seattle 4, Wash	EA3-6117
Pa	Beil & Whitaker Inc	3623 Jacksonwald Ave, Reading, Pa	FR5-6837
Pa	Be-Esco Corp	45 S. Broadway, Yonkers, NY	YO3-0150
Pa	Neal Bear Corp	3435 Streetsboro Rd, W. Richfield, Ohio	OL9-3331
RI	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
SC	James Millar Associates	1036 Peachtree St, N.E., Atlanta, Ga	TR6-0919
SD	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Tenn	James Millar Associates	1036 Peachtree St, Atlanta, Ga	TR6-0919
Tex	The Texport Co	2147 Farrington Blvd, Dallas 7, Tex	RI7-6886
Tex	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Utah	Hyde Electronics Co	2803 Connor St, Salt Lake City	IN7-5763
Vt	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Va	Ed Martin Co	1306 Vassar Rd, Richmond 29	AT8-3985
Va	Be-Esco Corp	45 S. Broadway, Yonkers, NY	YO3-0150
Wash	Samuel N Stroum Co	621 Michigan St	PA3-7310
W. Va	Neal Bear Corp	3433 Streetsboro Rd, W.Richfield, Ohio	OL9-3331
Wisc	Albert H Bruning Co	1758 Lawrence Ave, Chicago 40, Ill	ED4-0989
Wyo	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Canada	Alpha Aracon Radio Co Ltd	555 Wilson Ave, Downsview, Ont, Canada	ST8-6181
	ALPINE ELECTRONIC COMP	**Wolcott Rd, Waterbury, Conn**	**PL7-1449**
	785-790-845-1120-1535-1780-1785		
	ALPITEC INC	**49 Gleason Ave, Stamford, Conn**	**FI8-7788**
	I Peters *12 B 100-135-180-230-260-675-1120-1125-1245-1390-1940		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	ALTEC LANSING CORP	**1515 Manchester Ave, Anaheim, Cal**	**PR4-2960**
	G Carrington Jr #20 *400 F 55-180-895-910-1130-1200-1245-1370-1390-1425-1675-1855		
Cal	J F Boremere	411 Garces Dr, San Francisco 27	JU4-3116
DC	W E Yeager	1454 N Beauregard St, Alexandria, Va	FL4-2832
Haw	John J Harding Co, Ltd	PO Box 4013, Honolulu 12	
Ill	D B Downs	1200 Forest Ave, Evanston	GR5-0325
Kan	J R Brown	7112 Mission Rd, Prairie Village	HA1-7321
NY	Altec Lansing Corp	161 Sixth Ave, New York 13	AL5-3636
Ohio	E W Stone	632 Ridgewood Dr, Columbus 4	BR6-4498
Tex	R W Amos	916 Green Hill Rd, Dallas 32	RI8-2534
Wash	W X Widdowes Co	222 First Ave, Seattle 9	AT4-0121
	ALTHOR PRODUCTS	**2301 Benson Ave, Brooklyn 14, NY**	**ES3-7444**
	J Kessler #1 *7 A 135-180		
	ALTO FONIC CORP	**981 Commercial St, Palo Alto, Cal**	**DA6-5280**
	895-1435		
	ALTO SCIENTIFIC CO., INC	**855 Commercial, Palo Alto, Cal**	**DA1-3434**
	D Cherry #6 *55 D 365-670-895-1145-1340-1425-1850		
Ala	Lynd A Walking	Box 3045, Atlanta 17, Ga	DR3-8346
Alaska	Frazar & Hansen, Ltd	301 Clay St, San Francisco, Cal	EX2-5112
Ark	George Meinreich & Assoc	1210 Old Gate Ln, Dallas 18, Tex	DA1-2800
Cal	M B Gilbert Co, Inc	7923 Emerson Ave, L A 45, Cal	OR0-3418
Cal	David G DeHaas Co	3651 Garrison St, San Diego 6, Cal	AC4-2401
Colo	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Conn	George J Neuman & Co	104 Pilgrim Rd, Wellesley 81, Mass	CE5-5353
Del	Beebe & Aikman	237 Lancaster Ave. Devon, Pa	
Fla	Lynd A Walking	Box 7155, Miami 55, Fla	CA1-4297
Ga	Lynd A Walking	Box 3045, Atlanta 17, Ga	DR3-8346
Hawaii	Frazar & Hansen Ltd	301 Clay St, San Francisco, Cal	EX2-5112
Idaho	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Idaho	N R Schultz & Co	4227 Airport Way, Seattle 8, Wash	MA4-8650
Ind	Lionel H Schwartz	384 W 1st St. Dayton 2, Ohio	
La	George Weinreich & Assoc	1210 Old Gate Ln, Dallas 18, Tex	DA1-2800
Me	George J Neuman & Co	104 Pilgrim Rd, Wellesley 81, Mass	CE5-5353
Md	Beebe & Aikman	237 Lancaster Ave. Devon, Pa	
Mass	George J Neuman & Co	104 Pilgrim Rd, Wellesley 81, Mass	CE5-5353
Mich	Lionel H Schwartz	384 W 1st St. Dayton 2, Ohio	
Mont	N R Schultz & Co	4227 Airport Way, Seattle 8, Wash	MA4-8650
Nev	Lang & Associates	505 Middlefield Rd, Redwood, Cal	
Nev	M B Gilbert Co, Inc	7923 Emerson Ave, L A 45, Cal	
NH	George J Neuman & Co	104 Pilgrim Rd, Wellesley 81, Mass	CE5-5353
NJ	Beebe & Aikman	237 Lancaster Ave. Devon, Pa	
NM	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
NY	David Sonkin Assoc	10 Fiske Pl, Mt. Vernon, NY	MV8-9670
NC	Lynd A Walking	Box 3045, Atlanta 17, Ga	DR3-8346
Ohio	Lionel H Schwartz	384 W 1st St. Dayton 2	
Okla	C D Daniels Co	Box 8511, Tulsa, Okla	RI7-0234
Ore	N R Schultz & Co	4227 Airport Way, Seattle 8, Wash	MA4-8650
Pa	Beebe & Aikman	237 Lancaster Ave. Devon	
RI	George J Neuman & Co	104 Pilgrim Rd, Wellesley 81, Mass	
SC	Lynd A Walking	Box 3045, Atlanta 17, Ga	DR3-8346
Tenn	Lynd A Walking	Box 3045, Atlanta 17, Ga	DR3-8346
Tex	George Weinreich & Assoc	1210 Old Gate Ln, Dallas 18, Tex	DA1-2800
Utah	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Vt	George J Neuman & Co	104 Pilgrim Rd, Wellesley 81, Mass	CE5-5353
Wash	N R Schultz & Co	4227 Airport Way, Seattle 8, Wash	MA4-8650
Wyo	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Foreign	Frazar & Hansen Ltd	301 Clay St, San Francisco, Cal	EX2-5112
	ALTRON ELECTRONICS	**PO Box 141, Ridley Park, Pa**	**LE2-9241**
	C Seward Jr #3 *10 A 895-1135-1150		
	ALUMINUM CO OF AMERICA	**Alcoa Bldg, Pittsburgh 19 Pa**	**AT1-4545**
	R McKee *40000 G 05-45-125-135-233-240-645-700-1120-1125-1205-1220-1490-1535-1635-1885-1940-1960		
Ala	Alcoa	P.O. Box 7424A, Birmingham 13	TR9-8641
Ariz	Alcoa	702 1st Natl Bank Bldg, Phoenix 4	AL4-9248
Ark	Alcoa	414 Pulaski St, Little Rock, Ark	FR6-1466
Cal	Alcoa	1145 Wilshire Blvd, Los Angeles 17, Cal	HU2-2680
Cal	Alcoa	2508 Equitable Life Bldg. SF	YU6-6484
Cal	Alcoa	1001 4th St, Oakland 8	OL5-2553
Colo	Alcoa	300 Speer Blvd, Denver 3	SH4-1734
Conn	Alcoa	P.O. Box 9180, Bridgeport 1, Conn	FO7-8651
Conn	Alcoa	1049 Asylum St, Hartford 5	JA5-2191
Del	Alcoa	825 Bank of Del Bldg, Wilmington 1	OL6-6643
DC	Alcoa	1200 Ring Bldg, Washington 6	FE8-9400
Fla	Alcoa	4302 Henderson Blvd, Tampa 9	8-4391
Fla	Alcoa	490 Hialeah Dr Bldg, Hialeah	TU5-2726
Ga	Alcoa	1615 Peachtree St, N.E., Atlanta 9, Ga	TR6-7441
Idaho	Alcoa	1220 Vista Ave, Boise, Idaho	2-8038
Ill	Alcoa	520 N. Mich Ave, Chicago 11, Ill	DE7-8181
Ind	Alcoa	P.O. Box 365, Newburgh, Ind	VI3-3381
Ind	Alcoa	S. Calhoun St, Fort Wayne, Ind	HA3374
Ind	Alcoa	2939 N. Meridian St, Indianapolis 7, Ind	WA5-6471
Ind	Alcoa	P.O. Box 500, Lafayette	SH2-7321
Iowa	Alcoa	601 Brady St, Davenport, Iowa	2-6243
Iowa	Alcoa	3620 Ingersoll Ave, Des Moines 12, Iowa	CR4-2966
Kan	Alcoa	1010 Central Bldg, Wichita 2	AM5-4675
Ky	Alcoa	Starks Bldg. Louisville	JU7-7456
La	Alcoa	1225 Whitney Bldg, New Orleans 12	JA2-3372
Md	Alcoa	Commercial Credit Bldg, Baltimore 2, Md	MU5-3660
Mass	Springfield Office	508 Tarbell-Watters Bldg, Springfield 3	ST8-4545
Mass	Alcoa	20 Providence St, Park Square, Boston 16	HU2-3650
Mich	Alcoa	New Center Bldg, Detroit 2, Mich	TR1-8100
Mich	Alcoa	Mott Foundation Bldg, Flint 2, Mich	CE2-3111
Mich	Alcoa	Mich National Bank Bldg, Grand Rapids	GL9-0209
Mich	Alcoa	National Bank Bldg, Jackson, Mich	ST4-8535
Minn	Alcoa	4010 West 65th St, Mnpls 24	WA7-7051
Mo	Alcoa	Power & Light Bldg, Kansas City 5, Mo	VI2-2822
Mo	Alcoa	10th Floor, Continental Bldg, St Louis 8	FR1-6700
Neb	Alcoa	746 Omaha Natl Bank Bldg, Omaha 2	341-6951
NJ	Alcoa	744 Broad St, Newark 2	MA4-8800
NY	Alcoa	90 State St, Albany 7, NY	4-0146
NY	Alcoa	1001 Franklin Ave, Garden City, NY	PI7-5420
NY	Alcoa	2427 Sheridan Dr, Buffalo	TF6-1900
NY	Alcoa	P.O. Box 1412, Syracuse 1	GR4-4607
NY	Alcoa	230 Park Ave, New York 17	MU6-8046

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NC	Alcoa	1000 Wachovia Bank Bldg, Charlotte 2	ED4-9751
Ohio	Alcoa	Akron Savings & Loan Bldg, Akron 8	JE5-7138
Ohio	Alcoa	2311 Victory Pkwy, Cincinnati 6, Ohio	CA1-1700
Ohio	Alcoa	Terminal Tower, Cleveland 13, Ohio	CH1-6880
Ohio	Alcoa	Bryson Bldg, Columbus 15, Ohio	CA4-7221
Okla	Alcoa	111 NW 23rd St, Oklahoma City 5	JA5-1537
Ore	Alcoa	1115 US Natl Bank Bldg, Portland 4	CA6-6501
Pa	Alcoa	1132 Hamilton St, Allentown, Pa	HE3-7402
Pa	Alcoa	1800 Two Penn Center Plaza, Phila 2	LO8-8100
RI	Alcoa	2803 Ind Bank Bldg, Providence 3	JA1-4108
SD	Alcoa	Western Union Bldg, Aberdeen, SD	BA5-1475
Tenn	Alcoa	Volunteer Bldg, Chattanooga 2, Tenn	AM7-6581
Tenn	Alcoa	Box 3487, Memphis 17	MU2-2477
Tex	Alcoa	1st City National Bank Bldg, Houston 2	CA5-0711
Tex	Alcoa	1900 Fidelity Union Tower, Dallas 1	RI1-6291
Va	Alcoa	908 N Thompson St, Richmond 30	EL3-5551
Wash	Alcoa	1411 Fourth Ave Bldg, Seattle 1	MA4-4040
Wis	Alcoa	2340 N Wauwatosa Ave, Milwaukee 3	DI2-7110
For	Alcoa Intl, Inc	230 Park Ave, New York 17	MU6-8046
	ALWAC COMPUTER DIV		
	EL-TRONIC INC	**13040 S. Cerise, Hawthorne, Cal**	**OR8-5774**
	C Pena #15 *65 D 340-430-565-895-1760		
DC	Alwac Computer Div	734 Fifteenth St NW, Wash	EX3-6277
Pa	Alwac Computer Div	20 S Fifteenth St, Phila	LO8-4450
	AMATON ELECTRONIC HDWE CO., INC	**88 Drake Ave, New Rochelle, NY**	**BE5-4441**
	R Mazzelli #2 *22 100-125-285-300-390-615-770-785-790-895-925-960-1125-1205-1290-1305-1315-1325-1495-1535-1580-1780-1785-1885-1940		
Ala	Stanley K Wallace Assoc Inc	Box 67, Lutz, Fla	WE9-3241
Ariz	Electro-Mechanical Instrument Inc	4975 Eagle Rock Blvd, L A 41, Cal	RY1-4904
Ark	The Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18, Tex	MO4-1435
Cal	KESCO	Box 23, Redwood City	EM9-2876
Cal	Electro-Mechanical Instrument Inc	4975 Eagle Rock Blvd, L A 41, Cal	RY1-4904
Conn	Near Inc	99 Highland Ave, Somerville 43, Mass	PR6-2662
DC	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Del	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Fla	Stanley K Wallace Assoc Inc	Box 67, Lutz, Fla	WE9-3241
Ga	Stanley K Wallace Assoc Inc	Box 67, Lutz, Fla	WE9-3241
Idaho	Jas J Backer Co	221 W. Galer St, Seattle 99, Wash	
Ill	William T McGary	6635 Delmar Blvd, St. Louis 5, Mo	PA5-6430
Ind	Harrison J Blind Assoc	1508 Winton Ave, Indnpls 24, Ind	CH4-0191
Iowa	William T McGary	6635 Delmar Blvd, St. Louis 5, Mo	PA5-6430
Kan	William T McGary	6635 Delmar Blvd, St. Louis 5, Mo	PA5-6430
Ky	Harrison J Blind Assoc	1508 Winton Ave, Indnpls, Ind	CH4-0191
La	The Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18, Tex	MO4-1435
Me	Near Inc	99 Highland Ave, Somerville, Mass	PR6-2662
Md	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Mass	Near Inc	99 Highland Ave, Somerville 43, Mass	PR6-2662
Miss	Stanley K Wallace Assoc Inc	Box 67, Lutz, Fla	WE9-3241
Mo	William T McGary	6635 Delmar Blvd, St. Louis 5, Mo	PA5-6430
Mont	Jas J Backer Co	221 W. Galer St, Seattle 99, Wash	
Nev	KESCO	Box 23, Redwood City, Cal	EM9-2876
Nev	Electro-Mechanical Instrument Inc	4975 Eagle Rock Blvd, L A 41, Cal	RY1-4904
NH	Near Inc	99 Highland Ave, Somerville, Mass	UN2-9465
NJ	The A Friedman Co	519 S. 5 Ave, Mt. Vernon, NY	MO4-4066
NY	Electro Mechanical Corp	Town Rock Rd, New Rochelle, NY	BE5-3052
NY	The A Friedman Co	519 S. 5 Ave, Mt. Vernon, NY	MO4-4066
NC	Stanley K Wallace Assoc Inc	Box 67, Lutz, Fla	WE9-3241
Ohio	John O Olsen Co	15201 Shaker Blvd, Cleveland 20, Ohio	SK2-5444
Okla	The Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18, Tex	MO4-1435
Ore	Jas J Backer Co	221 W. Galer St, Seattle 99, Wash	
Pa	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	
RI	Near Inc	99 Highland Ave, Somerville, Mass	PR6-2662
SC	Stanley K Wallace Assoc Inc	Box 67, Lutz, Fla	WE9-3241
Tenn	Stanley K Wallace Assoc Inc	Box 67, Lutz, Fla	WE9-3241
Tex	The Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18, Tex	MO4-1435
Vt	Near Inc	99 Highland Ave, Somerville, Mass	PR6-2662
Va	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Wash	Jas J Backer Co	221 W. Galer St, Seattle 99, Wash	
W.Va	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Foreign	Douglas Export Import Co	17 Battery Pl, New York 4, NY	BO9-2886
	AMBROID CO	**P.O.Box 30, Weymouth 88, Mass**	**ED5-6658**
	A Lanese #3 *30 C 30-970		
	AMCO ENGINEERING CO	**7333 W. Ainslie St, Chicago 31, Ill**	**UN7-8500**
	R Kenerck #5 *160 C 180-370-895-1245-1390		
Ala	Ridge Instrument Co	208 Lincoln St. Huntsville	JE9-8831
Alaska	Rush S Drake Associates	1817 Norman St, Seattle, Wash	EA3-8545
Ark	L R Ward Co	3009 Canton St, Dallas 26, Tex	RI1-9004
Ariz	Howe & Howe	4328 N. 42nd Pl. Phoenix 16	AM5-9185
Cal	Perlmuth Electronics	5057 W. Washington Blvd. LA	WE1-1041
Cal	Wm J Purdy Co	312 7th St, San Francisco, Cal	UN3-3300
Colo	Koether-Cox Co	1325 S. Inca St, Denver 23, Colo	PE3-5561
Conn	Instrument Dynamics Inc	2385 Main St. Stratford	DR8-0435
Del	W F Satterthwaite	Box 664, Havertown, Pa	SU9-9600
DC	W F Satterthwaite	1343 Connecticut Ave. NW	NO7-6600
Fla	Wm F Henninger Co	624 N.E. 79th St, Miami 38, Fla	PL9-0300
Ga	Ridge Instrument	140 E Division St. Oak Ridge, Tenn	OA5-1311
Idaho	Rush S Drake Associates	1817 Norman St, Seattle 44, Wash	EA3-8545
Ill	Lang & Claeson Associates	6733 N. Olmsted St, Chicago 31	SP4-3610
Ill	Norman W Kathrinus Co	4356 Duncan Ave, St. Louis 10, Mo	OL2-7005
Ind	Lang, Claeson & Assoc	6733 N. Olmsted Ave. Chicago 31, Ill	SP4-3610
Iowa	Lang & Claeson	6733 N. Olmsted Ave, Chicago 31, Ill	SP4-3610
Kan	N W Kathrinus & Co	4306 Cambridge, KC 3	JO2-4108
Ky	Ridge Instrument Co	140 E Division St. Oak Ridge, Tenn	OA5-1311
La	L R Ward Co	3009 Canton St, Dallas 26, Tex	RI1-9004
Me	Instrument Dynamics	11 Albion St, Wakefield, Mass	CR6-5100
Md	W F Satterthwaite	Box 664, Havertown, Pa	SU9-9600
Mass	Instrument Dynamics	11 Albion St, Wakefield, Mass	CR6-5100
Mich	M P Odell Co	10531 W. McNichols Rd. Detroit 21	UN2-1573
Minn	Bonamett Heyda	6101 Auto Club Rd, Mnnpls 20, Minn	TU1-9166
Miss	Ridge Instrument	140 E Division St. Oak Ridge, Tenn	OA5-1311
Mo	Norman W Kathrinus & Co	4356 Duncan Ave, St. Louis 10, Mo	OL2-7005
Mont	Rush S Drake Associates	1817 Norman St, Seattle 44, Wash	EA3-8545
Neb	Norman W Kathrinus & Co	4356 Duncan Ave, St. Louis 10, Mo	OL2-7005

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Nev	Wm J Purdy Co	312 7th St, San Francisco, Cal	UN3-3300
NH	Instrument Dynamics	11 Albion St, Wakefield, Mass	CR6-5100
NJ	F & F Associates	15 Dorchester Rd, Emerson, NJ	CO2-4831
NJ	W F Satterthwaite	Box 664, Havertown, Pa	SU9-9600
NM	Koether-Cox Co	1325 S. Inca St, Denver 23, Colo	PE3-5561
NY	F & F Assoc	287 Cherry Pl, E Meadow	MU7-6477
NY	Tesco Associates	114 Miles Ave, Syracuse 10, NY	HO3-4533
NC	W F Satterthwaite	Box 664, Havertown, Pa	SU9-9600
ND	Bonament Hayde	6101 Auto Club Rd, Mnnpls 20, Minn	TU1-9166
Ohio	M P Odell Co	25614 Center Ridge Rd, Westlake	TR1-8080
Okla	L R Ward Co	310 Thompson Bldg, Tulsa 3	CA5-0256
Ore	Rush S Drake Associates	1817 Norman St, Seattle, Wash	EA3-8545
Pa	W F Satterthwaite	Box 664, Havertown, Pa	SU9-9600
RI	Instrument Dynamics	11 Albion St, Wakefield, Mass	CR6-5100
SC	W F Satterthwaite	Box 664, Havertown, Pa	SU9-9600
SD	Bonament Hayde	6101 Auto Club Rd, Mnnpls 20, Minn	TU1-9166
Tenn	Ridge Instrument Co	140 E Division St, Oak Ridge	OA5-1311
Tex	L R Ward Co	3009 Canton St, Dallas 26, Tex	RI1-9004
Utah	Koether-Cox Co	1325 S. Inca St, Denver 23, Colo	PE3-5561
Vt	Instrument Dynamics	11 Albion St, Wakefield, Mass	CR6-5100
Va	W F Satterthwaite	P. O. Box 664, Havertown, Pa	SU9-9600
Wash	Rush S Drake Associates	1817 Norman St, Seattle 44, Wash	EA3-8545
W Va	M P Odell Co	750 Penn Ave, Wilkinsburg 21, Pa	FR1-1231
Wisc	Lang & Clemson	5733 N. Olmsted Ave, Chicago 31, Ill	SP4-3610
Wyo	Koether-Cox Co	1325 S. Inca St, Denver 23, Colo	PE3-5561
Can	Elder Electronics	550 Brant St, Burlington, Ont	NE4-0511
	AMERAC INC	**Dunham Rd, Beverly, Mass**	**WA2-8611**
	670-895-1135-1340-1395		
Cal	W Bert Knight Co	10377 W. Pico Blvd, Los Angeles	BR2-0101
Cal	Moulthrop & Hunter	165 11th St, San Francisco	UN3-7480
Colo	Hyde Electronics	988 S. Lipan St, Denver, Colo	WE6-3456
Conn	Gysan Associates	Hamilton, Mass	HA940
Del	Gysan Associates	Hamilton, Mass	HA940
DC	Gysan Associates	Hamilton, Mass	HA940
Ill	Withers & Popek & Cahill	5439 W. Div St, Chicago, Ill	OS7-7292
Me	Gysan Associates	Hamilton, Mass	HA940
Md	Gysan Associates	Hamilton, Mass	HA940
Mass	Gysan Associates	Hamilton, Mass	HA940
NH	Gysan Associates	Hamilton, Mass	HA940
NJ	Gysan Associates	Hamilton, Mass	HA940
NM	Hyde Electronics Co	5306 Constitution Ave, N E, Albuquerque	AM8-1111
NY	Gysan Associates	Hamilton, Mass	HA940
Pa	Gysan Associates	Hamilton, Mass	HA940
RI	Gysan Associates	Hamilton, Mass	HA940
Wash	Marsh Agencies	2500 First Ave, Seattle, Wash	
	AMERCONDA CHEMICAL CO	**170 Broadway, New York 38, NY**	**CO7-3579**
	J Karp #2 *8 C 30-265-315-890-900-970-1240		
	AMERESCO INC	**14 Center Ave. Little Falls, NJ**	**CL6-8502**
	J Fiore 895-1810		
	AMERICAN ALUMINUM CO	**230 Sheffield St, Mountainside, NJ**	**AD3-3500**
	R Williamson #5 *110 E 135-180-1575-1580		
Cal	H D Dickinson Co	334 N. Central Ave. Glendale 2	
Ind	R Dorridge	Box 20081, Indpls. 21	
Ohio	F Gold	Box 785, Cleve	
Ohio	B Kemper	272 Sherbrooke Dr. Dayton	
	AMERICAN BOSCH ARMA CORP	**320 Fulton Ave, Hempstead, NY**	**PI2-2000**
	W Smith #1400 *8900 G 330-320-365-440-775-895-1165-1425-1870-1915		
Cal	American Bosch Arma Corp	9465 Wilshire Blvd, Beverly Hills	BR2-4283
DC	American Bosch Arma Corp	1000 Connecticut Ave, N W, Washington	ST3-1966
Ill	American Bosch Div	37 E. Wabash Ave, Chicago, Ill	DE2-5591
Mass	American Bosch Div	3664 Main St, Springfield, Mass	RE6-8311
Mich	American Bosch Div	11000 W. McNichols Rd, Detroit 35	BR3-8600
Miss	Amer Bosch Arma Miss Corp	Columbus, Miss	FA4150
NY	Arma Div	Roosevelt Fld, Garden City, NY	PI2-2000
NY	American Bosch Div	123 Power House Rd, Roslyn, NY	MA1-0400
Ohio	American Bosch Arma Corp	340 W. 1st St, Dayton	BA2-1162
Ohio	American Bosch Div	13811 Enterprise Ave, Cleveland 35	OR1-7000
Pa	Tele-Dynamics Div	5000 Parkside Ave, Philadelphia 31	TR8-3800
	AMERICAN BRAZING ALLOYS CORP	**Box 11, Pelham, NY**	**MO4-5858**
	M Ross *18 D 700-1125-1635-1960		
Cal	Altweld Engt. Corp	2452 E. Slauson Ave. Huntington Pk	
Ga	C G Baker	2990 N. Fulton Dr. Atlanta	
NJ	G Somers	405 Windsor Rd, River Edge	
Tex	W Starr	10215 N. Lake Dr. Dallas	
Wash	H Fisher	9336 S. 208 St. Kent	
Wis	J Heider	2826 N. Leffler Ave. Milwaukee	
	AMERICAN CAPACITOR CO., INC.	**32 High St, Amesbury, Mass**	**17**
	J Berren #2 *35 A 220		
Conn	NEAR Inc	Somerville 43, Mass	PR6-2262
Del	Harry Estershon	Philadelphia 38, Pa	VI8-8484
DC	Harry Estershon	Philadelphia 38, Pa	VI8-8484
Ill	Gordon Fixman Eng. Co	St Louis 30, Mo	5-5219
Ind	Midwest Sales Co	Cleveland 11, Ohio	WI1-2700
Kan	Gordon Fixman Eng. Co	St Louis 30, Mo	5-5219
Ky	Midwest Sales Co	Cleveland 11, Ohio	WI1-2700
Me	NEAR Inc	Somerville 43, Mass	PR6-2262
Md	Harry Estershon	Philadelphia 38, Pa	VI8-8484
Mass	NEAR Inc	Somerville 43, Mass	PR6-2262
Mich	Midwest Sales Co	Cleveland 11, Ohio	WI1-2700
Mo	Gordon Fixman Eng. Co	St Louis 30, Mo	5-5219
NH	NEAR Inc	Somerville 43, Mass	PR6-2262
NJ	Milton Ross Associates Inc	New York 19, NY	JU6-0653
NY	Milton Ross Associates Inc	New York 19, NY	JU6-0653
Ohio	Midwest Sales Co	Cleveland 11, Ohio	WI1-2700
Pa	Harry Estershon	Philadelphia 38, Pa	VI8-8484
RI	NEAR Inc	Somerville 43, Mass	PR6-2262
Vt	NEAR Inc	Somerville 43, Mass	PR6-2262
Va	Harry Estershon	Philadelphia 38, Pa	VI8-8484
W Va	Midwest Sales Co	Cleveland 11, Ohio	WI1-2700
	AMERICAN CONCERTONE INC DIV. ASTRO-SCIENCE CORP	**9449 W Jefferson, Culver City, Cal**	**UP0-7245**
	J Tait #10 *80 E 895-1435-1750		
Ala	Stanley K Wallace Associates	P O Box 67, Lutz, Fla	24-4221
Alas	Dave Champlin Co	12528 22nd NE, Seattle, Wash	EM2-0401
Ariz	Bowen & Carlberg	2228 San Mateo Blvd, Albuquerque, NM	AM5-1579
Ark	Heidenreich Co., The	6115 Denton Dr, Dallas, Tex	FL2-3389
Colo	Ron Bowen & Associates	721 S Broadway, Denver	SH4-2501
Conn	Marv Grossman Co	339 Auburn, Auburndale, Mass	LA7-7753
Del	Harry Estersohn	5727 Wister St. Philadelphia, Pa	VI8-8484
DC	Harry Estersohn	5727 Wister St. Philadelphia, Pa	VI8-8484
Fla	Stanley K Wallace Assoc	P O Box 67, Lutz	
Ga	Stanley K Wallace Assoc	P O Box 67, Lutz, Fla	
Idah	Dave Champlin Co	12528 22nd NE, Seattle, Wash	EM2-0401
Ill	Gene T Clears Co	435 Indianwood Blvd. Park Forest	PI8-2359
Iowa	Herb Knaggs Co	7503 Melba Ln. Belleville, Ill	EX7-2398
Kan	Herb Knaggs Co	7503 Melba Ln. Belleville, Ill	EX7-2398
Ky	Gene T Clears Co	435 Indianwood Blvd. Park Forest, Ill	PI8-2359
La	Heidenreich Co	6115 Denton Dr. Dallas, Tex	FL2-3389
Me	Marv Grossman Co	339 Auburn, Auburndale, Mass	LA7-7753
Md	Harry Estersohn Co	5727 Wister, Philadelphia, Pa	VI8-8484
Mass	Marv Grossman Co	339 Auburn, Auburndale	LA7-7753
Mich	Gene T Clears Co	435 Indianwood Blvd. Park Forest, Ill	PI8-2359
Minn	John E M Anderson Co	5231 Humboldt Ave. S, Minneapolis	
Miss	Heidenreich Co., The	6115 Denton Dr. Dallas, Tex	FL2-3389
Mo	Herb Knaggs Co	7503 Melba Ln. Belleville, Ill	EX7-2398
Mont	Dave Champlin Co	12528 22nd NE, Seattle, Wash	EM2-0401
Neb	Herb Knaggs Co	7503 Melba Ln. Belleville, Ill	EX7-2398
NH	Marv Grossman Co	339 Auburn, Auburndale, Mass	LA7-7753
NJ	Domesco Sales Co	171 Madison Ave. New York, NY	MU3-9420
NM	Bowen & Carlberg	P O Box 3177, Albuquerque	AM5-1579
NY	Domesco Sales Co	171 Madison Ave. New York	MU3-9420
NC	Stanley K Wallace Assoc	P O Box 67, Lutz, Fla	24-4221
ND	John E M Anderson Co	5231 Humboldt Ave, Minneapolis, Minn	TA3-6459
Ohio	Les A Morrow Co	3123 W 117 St. Cleveland 11	CL1-5700
Okla	Heidenreich Co., The	6115 Denton Dr. Dallas, Tex	FL2-3389
Ore	Dave Champlin Co	12528 22nd NE, Seattle, Wash	EM2-0401
Pa	Les A Morrow Co	3123 W 117 St. Cleveland, Ohio	CL1-5700
RI	Marv Grossman Co	339 Auburn, Auburndale, Mass	LA7-7753
SC	Stanley K Wallace & Associates	P O Box 67, Lutz, Fla	24-4221
SC	John E M Anderson Co	5231 Humboldt Ave. Minneapolis, Minn	TA3-6459
Tenn	Stanley K Wallace Associates	P O Box 67, Lutz, Fla	
Tex	Heidenreich Co., The	6115 Denton Dr. Dallas	FL2-3389
Utah	Ron Bowen & Associates	721 S Broadway, Denver, Colo	SH4-2501
Vt	M C Grossman Co	339 Auburn, Auburndale, Mass	LA7-7753
Va	Harry Estersohn	5727 Wister, Philadelphia, Pa	VI8-8484
Wash	Dave Champlin Co	12528 22nd NE, Seattle	EM2-0401
W Va	Les A Morrow Co	3123 W 117 St. Cleveland, Ohio	CL1-5700
Wis	Gene T Clears Co	435 Indianwood Blvd. Park Forest, Ill	PI8-2359
Wyo	Ron Bowen & Associates	721 S Broadway, Denver, Colo	SH4-2501
For	Telesco International Corp	171 Madison Ave. New York 16, NY	
	AMERICAN CYANAMID CO. PLASTICS & RESINS DIV	**Wallingford, Conn**	**CO9-4481**
	H Milton G 1290		
Cal	H B Freeman	2300 S. Eastern Ave. LA	RA3-6411
Ill	C W Johnson	3505 N. Kimball Ave. Chicago	CO7-6400
Mass	R A Mazur	1050 Commonwealth Ave. Boston	ST2-6000
Mich	J R Hoover	15552 W. McNichols Rd. Detroit	BR2-1970
Minn	J E Lynch	7630 Excelsior Blvd. Mpls	WE5-1721
Mo	D J Torres	5025 Pattison Ave. St. Louis	MO4-5306
NY	E H Trussell	40 W. 38th St. NY 18	CI7-0100
NC	G H Melvin	3330 Wilkinson Blvd. Charlotte	
Ohio	C W Johnson	Superior & E. 6th St. Cleve	CH1-1933
Pa	F S Dubbs	165 Commerce Dr. Phila	MI6-7000
Tex	T G Bruce	3709 Atwell St. Dallas	
Wash	J W Gilman	4000 Aurora St. Seattle 3	ME3-2061
	AMERICAN CYSTOSCOPE MAKERS INC	**8 Pelham Pkwy, Pelham, NY**	**PE8-4000**
	AMERICAN DEVELOPMENT ELECTRONICS CO	**77 Poinier St, Newark 8, NJ**	**BI8-1330**
	D Wiesen #2 *30 D 45-325-345-805-895-906-920-1130-1135-1765		
	AMERICAN ELECTRIC CABLE CO	**181 Appleton St, Holyoke, Mass**	**JE9-9893**
	M Feinstein #2 *50 185-190-375-795-1575-1960		
Ala	William J Reasor & Associates	2252 Highland Ave, Birmingham, Ala	AL1-1201
Ariz	Electrical Mfrs Reps, Inc	Box 3425 Terminal Annex, L A 54, Cal	DU2-6783
Cal	Electrical Mfrs Reps, Inc	Box 3425 Terminal Annex, L A 54, Cal	DU2-6783
Conn	H A Keenan Co	96 Azalea Dr, Norwood, Mass	NO7-5084J
Fla	William J Reasor & Associates	134 Bosphorous Ave, Tampa, Fla	8-5486
Ga	William J Reasor & Associates	134 Bosphorous Ave, Tampa, Fla	8-5486
Ill	Industrial Wire & Cable Co	5720 W. Grand Ave, Chicago, Ill	BE7-0321
Md	George A Shelps	P.O. Box 754, Glenside, Pa	TU4-8633
Mass	H A Keenan Co	96 Azalea Dr, Norwood, Mass	NO7-5084J
Mich	Howkamp Sales Co	2223 N. 70th St, Milwaukee 13, Wisc	WO4-2111
Minn	Howkamp Sales Co	2223 N. 70th St, Milwaukee 13, Wisc	WO4-2111
NJ	Harold R Williams & Associates	P.O. Box 364, Ridgewood, NJ	GI4-5392
NM	Howell Sales Inc	4657 Dudley, Arvada, Colo	HA2-2497
NY	Oren G Lenzendorf	513 Cumberland Ave, Syracuse, NY	GR2-4195
NC	William J Reasor & Associates	1312 Myrtle Ave, Charlotte, NC	FR6-4792
Ohio	Milber Co	3400 Dayton Ave, Cleveland 21, Ohio	EV2-6105
Pa	George A Shelps	P.O. Box 754, Glenside, Pa	TU4-8633
Wisc	Howkamp Sales Co	2223 N. 70th St, Milwaukee 13, Wisc	WO4-2111
Can	Dossier E-E Ltd	77 York St, Montreal 16, PQ	EM6-1825
Foreign	Magdangal & Co	P.O. Box 1181, Manila, Philippines	
	AMERICAN ELECTRICAL HEATER CO	**6110 Cass Ave, Detroit 2, Mich**	**TR5-2505**
	R Kuhn #3 *150 E 1715-1810-1915		
Ala	Murphy & Cota	250 Governors Dr, SE, Huntsville, Ala	JE6-9121
Ariz	Maddox Sales Co	5709 N 13th Pl, Phoenix, Ariz	CR4-3807
Cal	Maddox Sales Co	914 E Third St, Los Angeles 13, Cal	MA4-2306
Cal	Maddox Sales Co	420 Market St, San Francisco, Cal	DO2-3249
Colo	Westwood Sales Co	2075 Grove St, Denver 7, Colo	DE3-2861
Fla	Murphy & Cota	23 9 E South St, Orlando, Fla	GA4-2167
Ga	Murphy & Cota	21 0 Peachtree Rd NW, Atlanta 9, Ga	TR6-3020
Ill	Norman W Kathrinus & Co	1729 Watch St, Springfield, Ill	LA2-7890
Kan	Norman W Kathrinus & Co	4306 Cambridge St, Kansas City 3, Kan	JO2-4108
La	Jack F Mc Kinney Sales Co	1102 Fairway, Kenner, La	4-5869
Mass	Charles Segal Co	1282 Commonwealth Ave, Boston 34	BE2-2565
Mo	Norman W Kathrinus & Co	4156 Duncan Ave, St Louis 10, Mo	OL2-7016
NJ	Reed & Riddell Co., The	19 Sylvan Ave, Englewood Cliffs, NJ	WI7-0100
NY	Maury Farber Associates, Inc	70 W Chippewa St, Buffalo 2, NY	MO3-5543-4
NC	Murphy & Cota	1105 Burke St, Winston-Salem, NC	PA4-0751
NC	Murphy & Cota	221 Latta Arcade, Charlotte 2, NC	FR5-2317
Okla	Jack F Mc Kinney Sales Co	8512 E 33rd St, Tulsa 35, Okla	TE5-4730
Tex	Jack F Mc Kinney Sales Co	P.O. Box 7126, Houston 36, Tex	MO5-3653
Tex	Jack F Mc Kinney Sales Co	1703 Chemical St, Dallas 7, Tex	RI1-1368
Wash	Patterson Associates	444 Dexter-Horton Bldg, Seattle, Wash	MA3-0437
For	Intl Standard Electric Co	51 Church St, New York 7, NY	BO9-3600
●	**AMERICAN ELECTRONIC LABS**	**121 N. 7th St, Philadelphia, Pa**	**WA5-8700**
	R D Freedman #60 *220 E 45-50-195-845-895-1135-1340		
Alaska	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6740
Ariz	Charles W Fowler Co	499 Hamilton Ave, Palo Alto, Cal	DA1-1810
Cal	Charles W Fowler Co	499 Hamilton Ave, Palo Alto, Cal	DA1-1810
Cal	Charles W Fowler Co	4251 Western Ave, Los Angeles, Cal	DU4-7203
Conn	Addelco Corp	1826 Centre St, W. Roxbury 32, Mass	FA3-7940
Del	C E Snow Co	919 Phila-Ellena St, Philadelphia, Pa	LI8-8043
Del	C E Snow Co	8218 Wisconsin, Bethesda, Md	OL4-1767
DC	C E Snow Co	8218 Wisconsin, Bethesda, Md	OL4-1767
Hawaii	Picker International Corp	19 S. Broadway, White Plains, NY	WH8-3030
Idaho	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6740
Ill	R Edward Stemm Inc	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Ind	R Edward Stemm Inc	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Me	Addelco Corp	1826 Centre St, W. Roxbury 32, Mass	FA3-7940
Md	C E Snow Co	8218 Wisconsin, Bethesda, Md	OL4-1767
Mass	Addelco Corp	1826 Centre St, W. Roxbury 32, Mass	FA3-7940
Nev	Charles W Fowler Co	499 Hamilton Ave, Palo Alto, Cal	DA1-1810
NH	Addelco Corp	1826 Centre St, W. Roxbury 32, Mass	FA3-7940
NJ	Landfor Enterprises	P.O. Box 68, Nutley, NJ	NO7-2900
NJ	C E Snow Co	919 Phil-Ellena St, Philadelphia, Pa	LI8-8043
NM	George Wormeich & Associates	1210 Old Gate Ln, Dallas 18, Tex	DA1-2800
NY	Landfor Enterprises	P.O. Box 68, Nutley, NJ	BR9-2155
NY	J B Lightstone Engineering Reps	515 Comstock Ave, Syracuse, NY	GR5-6704
Ore	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6740
Pa	C E Snow Co	919 Phil-Ellena St, Philadelphia, Pa	LI8-8043
RI	Addelco Corp	1826 Centre St, W. Roxbury 32, Mass	FA3-7940
Tex	George Wormeich & Associates	1210 Old Gate Ln, Dallas 18, Tex	DA1-2800
Vt	Addelco Corp	1826 Centre St, W. Roxbury 32, Mass	FA3-7940
Va	C E Snow Co	8218 Wisconsin Ave, Bethesda, Md	OL4-1767
Wash	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6740
For	International Electro-Comp Co	Box 353, Pine Brook, NJ	CA6-5293
Foreign	Picker International Corp	19 S. Broadway, White Plains, NY	WH8-3030
Canada	Conway Electronic Enterprises	1514 Eglinton Ave, W., Toronto, Ont, Can	RU3-6676
●	**AMERICAN ELECTRONIC WIRE & CABLE**	**120 S Hewitt St, Los Angeles, Cal**	
	190-345-375-795-1135-1780-1950-1980-1985		
	AMERICAN ELECTRONICS CO	**178 Herricks Rd, Mineola, NY**	**PI1-5030**
	M Schwartz #4 *20 45-325-345-365-670-955-1135-1315-1870		
Ala	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Ariz	Chas A Hansen	1406 S. Grand Ave, L A, Cal	RI8-6191
Ark	Macrae-Smith Co	Box 19397, Houston 24, Tex	HO5-7780
Cal	Chas A Hansen	1406 S Grand Ave, L A, Cal	RI8-6191
Cal	Technical Sales Assoc	1485 Bayshore Blvd, San Francisco	JU4-[illegible]
DC	Howard Golemgaul	Arlington Towers, Arlington, Va	JA5-5898
Ga	Wamble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Ill	Dayton Warner	915 MacArthur St, Chicago Ills	SH4-0021
Ind	Central Electronic Sales	13303 Fairport, Detroit 5, Mich	LA6-5841
Ky	Central Electronic Sales	13303 Fairport, Detroit 5, Mich	LA6-5841
La	Macrae-Smith Co	Box 19397, Houston 24, Tex	HO5-7780
Md	Howard Golemgaul	Arlington Towers, Arlington, Va	JA5-5898
Mich	Central Electronic Sales	13303 Fairport, Detroit 5, Mich	LA6-5841
Minn	A J Werner Co	5022 29th Ave, S Minneapolis 17	PA9-7371
Miss	Wamble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Nev	Chas A Hansen	1406 S. Grand Ave, Los Angeles, Cal	RI8-6191
NY	Don Dodge	301 W. Main St, Waterloo, NY	JE9-8574
NC	Wamble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
ND	A J Werner Co	5022 29th Ave, S, Minneapolis, Minn	PA9-7371
Ore	Don Kohler	11532 4th Ave, N.E. Seattle 55, Wash	
Pa	Macrae-Smith Co	P.O. Box 19397, Houston 24, Tex	HO5-7780
Pa	Mike Cherni	1021 Locust St, Philadelphia 11, Pa	PI3-2512
SC	Wamble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
SD	A J Werner Co	5022 29th Ave, S, Minneapolis, Minn	PA9-7371
Tenn	Wamble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Tex	Macrae-Smith Co	P.O. Box 19397, Houston 24, Tex	HO5-7780
Va	Howard Golemgaul	Arlington Towers, Arlington, Va	JA5-5898
Wash	Don Kohler	11532 4th Ave, N.E., Seattle 55, Wash	
	AMERICAN ELECTRONICS INC	**1725 W 6th St. LA 17, Cal**	**DU5-7401**
	G		
	AMERICAN ELECTRONICS INC DATA SYSTEMS DIV	**10 E 40th St. New York 16, NY**	**[illegible]-0500**
	J Zasso 338		
Cal	American Electronics Inc	1725 W. 6th St, Los Angeles 17, Cal	
	AMERICAN ELECTRONICS INC ELECTRO-MECHANICAL DIV	**1596 E Ross Ave. Fullerton, Cal**	**MA5-7192**
	J Cairns 20-1165		
Ala	Col-Ins Co., Inc	1012 Big Cove Rd, Huntsville, Ala	JE9-1771
Colo	Vinson Associates	Box 5163, University Pk Sta, Denver 10	[illegible]
Fla	Col-Ins Co., Inc	5728 Precision Dr, Orlando, Fla	[illegible]
Ga	Col-Ins Co., Inc	2104 Ewing Rd, Atlanta 19, Ga	[illegible]
Ill	Gomak Co	1132 W Lunt, Chicago	[illegible]
Iowa	George E Harris & Co., Inc	511 Merchants Natl Bank, Cedar Rapids	[illegible]
Kan	George E Harris & Co., Inc	1741 E. Douglas Ave, Wichita 8, Kan	[illegible]
Mass	Schmid Associates Inc	11 Muzzey St, Lexington, Mass	[illegible]
Mich	Service Equipment Electronics Inc	211 Buena Vista Ave, Ann Arbor, Mich	[illegible]
Minn	Weed Clemens Co	3540 Hennepin Ave, Minneapolis 8, Minn	[illegible]
Mo	George E Harris & Co., Inc	4527 Broadway, Kansas City, Mo	[illegible]
Mo	George E Harris & Co., Inc	Lambert Field, Hazelwood, Mo	[illegible]
NY	American Electronics, Inc	145 Pelham Rd, New Rochelle	[illegible]

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
NY	M L Spitzer Co	1250 Kenmore Ave, Buffalo 23, NY	DE6163
Ohio	Robert G Sill & Assoc. Inc	22 Oxford Ave, Dayton	CR9-4779
Ohio	Service Equipment Electronics Inc	4500 Euclid Ave, Cleveland 3, Ohio	HE1-7030
Tex	George E Harris & Co. Inc	1345 Hearst Blvd, Hearst	AT4-0551
Wash	Ray-J Co	[illegible]	
Canada	Aeromotive Engineering Prods	147 Hymus Blvd, Pointe Claire, Que, Can	OX7-0810
Canada	Aeromotive Engineering Prods	1912a Avenue Rd, Toronto 12, Ont, Can	RU3-4288

AMERICAN ELECTRONICS INC GROUND SUPPORT DIV — 2112 N. Chico Ave, El Monte, Cal — CU3-7151
D Scheideman 370

Va	American Electronics Inc	806 Haycock Rd, Falls Church, Va	JE2-1588
Can	Century Air Ground Services, Ltd	4450 Cote Des Neiges, Montreal 26	VE3-3943

AMERICAN ELECTRONICS INC INSTRUMENT DIV — 9503 W Jefferson, Culver City, Cal — UP0-5581
A Izeel 338-895-1165-1550-1745

Ala	Col-Ins Co., Inc	1112 Big Cove Rd, Huntsville, Ala	JE9-1771
Cal	Eichorn & Melchior	932 Terminal Way, San Carlos, Cal	LY1-7383
Colo	Vinson Associates	3000 S. Lincoln, Englewood, Colo	SU9-2851
DC	American Electronics Inc	5200 Albemarle St, Washington, DC	OL4-0807
Fla	Col-Ins Co., Inc	5721 Precision Dr, Orlando, Fla	GA2-6197
Ga	Col-Ins Co., Inc	2354 Ewing Rd, Atlanta 19, Ga	CE7-1494
Iowa	George E Harris & Co., Inc	527 Merchants Natl Bank, Cedar Rapids	EM2-6302
Kan	George E Harris & Co., Inc	1241 E. Douglas Ave, Wichita 8, Kan	MU3-9226
Md	Charles O Emrich	29 Briarwood Rd, Baltimore 28, Md	RI7-8348
Mass	Schaal Associates Inc	11 Muzzey St, Lexington, Mass	VO2-3578
Minn	Industrial Electronics, Inc	Colfax & 2nd Ave. N	FR4-1951
Mo	George E Harris & Co., Inc	Lambert Field, Hazelwood, Mo	PE1-6848
Mo	George E Harris & Co., Inc	3527 Broadway, Kansas City, Mo	WE1-4884
NY	Engineering Components	Box 184, Eastwood Sta, Syracuse 6	HE7-8181
Ohio	Monotron	21055 Lorain Rd	ED1-3554
Tex	George E Harris & Co., Inc	204 E. Main St, Arlington, Tex	CR4-0761
Canada	Aeromotive Engrg Prods	147 Hymus Blvd, Pointe Claire, Que	OX7-0810
Canada	Aeromotive Engrg Prods	1912a Avenue Rd, Toronto 12, Ont, Can	RU3-4288

AMERICAN ELECTRONICS INC PRECISION POWER DIV — 1598 E Ross Ave, Fullerton, Cal — MA5-7192
J Cairns 365-895-915-1160-1340-1455

Cal	American Electronics Inc	1001 Glendale Blvd, Los Angeles 26, Cal	DU2-8087
Fla	E C Raymond & Assoc	1954 54th Ave, St Petersburg	WA1-9735
Iowa	George E Harris Co., Inc	527 Merchants Natl Bank, Cedar Rapids	EM2-6302
Kan	George E Harris Co., Inc	1241 E. Douglas Ave, Wichita 8, Kan	MU3-9226
Mass	Schaal Associates Inc	11 Muzzey St, Lexington, Mass	VO2-3578
Mich	Service Equipment Electronics Inc	231 Buena Vista Ave, Ann Arbor, Mich	NO3-6022
Minn	Wood Clemons Co	1545 Hennepin Ave, Minneapolis 3, Minn	FE9-0707
Mo	George E Harris Co., Inc	3527 Broadway, Kansas City, Mo	WE1-4884
Mo	George E Harris Co., Inc	Lambert Field, Hazelwood, Mo	PE1-6848
NY	RVC Assoc	236 E 75th St, NYC	
NY	M L Spitzer Co	1250 Kenmore Ave, Buffalo 23, NY	DE6163
NY	L L Schley	P.O. Box 214, DeWitt, NY	GI6-1642
Ohio	Service Equipment Electronics Inc	4500 Euclid Ave, Cleveland 3, Ohio	HE1-7030
Ohio	Dale W Martin	5819 Huberville Ave, Dayton 18, Ohio	CL3-6175
Tex	George E Harris Co. Inc	1345 Hearst Blvd, Hearst	AT4-0551
Canada	Aeromotive Engineering Prods	147 Hymus Blvd, Pointe Claire, Que, Can	OX7-0810
Canada	Aeromotive Engineering Prods	1912a Avenue Rd, Toronto 12, Ont Can	RU3-4288

AMERICAN ELECTRONICS INC TALLER COOPER DIV — 75 Front St, Brooklyn 1, NY — UL8-0500
J Zastrol 338

AMERICAN ELITE INC (Telefunken) — 48-50 34th St, Long Island City, NY — ST6-8913
B Jacobs 25-50-325-360-500-670-895-1130-1135-1235-1255-1425-1435-1870-1880

Cal	E W Brandt Co	1122 Folsom St, San Francisco, Cal	
Cal	Ungar Sales Co	9925 Venice Blvd, Los Angeles, Cal	
Fla	Cartwright & Bean	2030 N.E. 25th Ct, North Miami Beach, Fla	
Ga	Cartwright & Bean	3223 Cains Hill Pl N.W., Atlanta 5, Ga	
Ill	Walter F Marsh	308 N. Scoville Ave, Oak Park, Ill	
La	Cartwright & Bean	821 Pontalba St, New Orleans, La	
Mass	Keene Sales Co	21 Tremont St, Boston 8, Mass	
Mass	Herb Mandell Co	35 Pearl Ave, Revere, Mass	
Mich	Lawrence F Zaffino Co	7351 Grabot Ave, Detroit, Mich	
Minn	H M Richardson & Co	9 E. 22nd St, Minneapolis 4, Minn	
NY	Joseph L Heller Associates	139-30 34th Rd, Flushing 54, NY	
NY	Jack Brown Associates	207 Rosedale Rd, Yonkers, NY	
NC	Cartwright & Bean	625 Harvey Dr, Charlotte, NC	
Ohio	McFadden Sales Co	150 E. Broad St, Columbus 15, Ohio	
Ore	James Neuville Co	11636 N.E. Fargo, Portland, Ore	
Pa	H A Goodman	401 W. Mt. Airy Ave, Philadelphia 19, Pa	
Pa	F P Yaussi	312 Spring Valley Rd, Pittsburgh 16, Pa	
Tenn	Cartwright & Bean	561 S. Cooper, Memphis, Tenn	
Tex	W R Hays Co	P.O. Box 12204-3416 Rosedale, Dallas, Tex	

AMERICAN FELDMUEHLE CORP — 11 W. 42 St, New York 36, NY — PE6-9751
175-240-1545-1875

AMERICAN FELT CO — 18 Glenville Rd, Glenville, Conn — JE1-8700
R Fraser Jr #12 *870 G 620-625-660-670-750-1170-1220-1230-1545-1940

Cal	A B Boyd Co	113 E. 14 St, Los Angeles 21, Cal	RI9-8361
Cal	A B Boyd Co	1721 Howard St, San Francisco 3, Cal	UN1-2950
Ga	Marcus A Cook Jr	305 Techwood Dr, N.W., Atlanta, Ga	JA2-3648-9
Ill	American Felt Co	847 W. Jackson Blvd, Chicago 7, Ill	CA6-4222
Mass	American Felt Co	211 Congress St, Boston 10, Mass	HA6-6133-9-60
Mich	American Felt Co	3900 E. Jefferson Ave, Detroit 7, Mich	LO7-7010-1-2
Mo	Hayes-Surridge Co., Inc	1501 Pine St, St. Louis 3, Mo	CE1-7120-1
NY	American Felt Co	350 Fifth Ave, New York 1, NY	CH4-8788
NY	Elmer T Thorney	42 St. Paul St, Rochester 4, NY	LO2-3162
Ohio	American Felt Co	1845 E. Ninth St, Cleveland 14, Ohio	MA1-0258
Ore	A B Boyd Co	930 S.E. Oak St, Portland 14, Ore	BE5-6649
Pa	American Felt Co	1724 Lafayette Bldg, Philadelphia 6, Pa	WA5-7955
SC	Louis P Batson	1707 Augusta St, Greenville, SC	CE2-7591
Tex	David Lowman	3000 McKinney St, Dallas 2, Tex	RI2-7928
Wash	A B Boyd Co	418 Boren N., Seattle 9, Wash	MA2-6545
Canada	E F Walter Ltd	8275 Lamarre St, Montreal 9, Canada	

AMERICAN GAS FURNACE CO — 130 Spring St, Elizabeth, NJ — EL2-2120
#20 *150 E 165-735-830-1215

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.

AMERICAN HYDROMATH CORP — 24-20 Jackson Ave, LIC, 1, NY — EX2-4242
R Kristal #2 *7 A 338

AMERICAN INSTRUMENT CO., INC — 8030 Georgia Ave, Silver Spring, Md — JU9-1727
10-250-360-885-895-1015-1215-1375-1460-1795-1820-1885-1920

AMERICAN LABS DIV. AMER ELECTRONICS INC — 1536 E Ross Ave. Fullerton, Cal — MA5-7192
J Cairns

Ala	Col-Ins-Co. Inc	15-16 Hutchens Bldg, Huntsville	JE9-1771
Ariz	Cramer & Co	444 W Camelback Rd, Phoenix	CR9-1231
Cal	Logistic Services	6100 Sepulveda Blvd, Van Nuys	TR3-4453
Cal	John C Wilson	3520 Alameda, Menlo Park	DA2-7249
Colo	Production Control Sales & Service	[illegible] University Bldg, Denver 2	CH4-0645
Fla	Col-Ins-Co. Inc	5721 Precision Dr, Orlando	CH1-[illegible]
Ga	Col-Ins-Co. Inc	2354 Ewing Dr, Atlanta 19	CE7-1494
Ill	[illegible] Assoc of Chicago, Inc	[illegible]	
Iowa	George E Harris & Co. Inc	527 Merchant's Natl Bank, Cedar Rapids	EM2-6302
Kan	George E Harris & Co. Inc	1122 E Douglas Ave, Wichita	MU2-2731
Md	Charles O Emrich	Rolling Rd. & Williams Ave. Baltimore 28	RI7-8348
Mich	Service Eqpt Electronics, Inc	231 Buena Vista Ave, Ann Arbor	NO3-6022
Mo	George E Harris & Co. Inc	3527 Broadway, Kansas City	WE1-4884
Ohio	Service Eqpt Electronics, Inc	4500 Euclid Ave. Cleveland 3	HE1-7030
Tex	George E Harris & Co. Inc	1345 Hearst Blvd, Hearst	AT4-0551
Wash	George E Harris & Co. Inc	444 Dexter Horton Bldg, Seattle	SE1673
Can	Aeromotive Engineering Products	147 Hymus Blvd. Point Claire, Que	OX7-0810
Can	Aeromotive Engineering Products	1912A Avenue Rd. Toronto 12	RU3-4288

AMERICAN LATEX FIBRE CORP — 500 N. Broadway, Lawrence, Mass — MU5-5172
P Mosher #1 *70 E 1220

• **AMERICAN LAVA CORP** — Cherokee & Mfgrs Rd. Chattanooga 5, Tenn — AM5-3411
W Rennick #25 *1105 100-115-120-175-215-220-240-280-675-715-720-800-900-905-1135-1545-1785-1875-1880-1890-1940

Cal	American Lava Corp	6023 S Garfield Ave. Los Angeles 22	RA3-6641
Cal	American Lava Corp	320 Shaw Rd. S, San Francisco	PL6-0880
Ill	American Lava Corp	6951 S Harlem Ave, Bedford Park	GL8-2200
Mass	American Lava Corp	1330 Centre St, Newton Centre 59	DE2-[illegible]
Mich	American Lava Corp	2753 Shawnee Trail, Okemos, Mich	ED2-8757
Mo	American Lava Corp	10438 Conway Rd, St Louis	WY4-9129
NJ	American Lava Corp	205 Walnut St, Livingston	WY2-1260
NJ	American Lava Corp	[illegible] Grand Ave, Ridgefield	WH3-[illegible]
NY	American Lava Corp	R F D 3, Trumansburg	
Ohio	American Lava Corp	12200 Brookpark Ave, Cleveland	CL2-4300
Pa	American Lava Corp	[illegible] Rising Sun Ave, Philadelphia	PI2-[illegible]
RI	American Lava Corp	27 Fairlawn St, Cranston	WI1-4177
SC	American Lava Corp	Rt #1, Taylors	CH4-[illegible]
Tex	American Lava Corp	[illegible] Nottingham Dr, Richardson	AD5-[illegible]
Wash	American Lava Corp	[illegible] 1st Ave S, Seattle 4	MU2-[illegible]
Wis	American Lava Corp	[illegible] N Green Bay Ave. Milwaukee 12	FR2-1820
Can	Ian M Haldane & Co	Box 54, London, Ont	
For	M & M Co. Intl Div	99 Park Ave, New York, NY	

AMERICAN LEONIC MFG CO — 3301 Walnut St, Philadelphia 4, Pa — BA2-4452
W Koonty #1 *35 E 1960

AMERICAN MACHINE & FOUNDRY CO — 1025 N. Royal St, Alexandria, Va — KI8-7221
R Hutchison G 35-40-220-325-338-360-565-775-895-975-985-990-1135-1245

AMERICAN MACHINE & FOUNDRY CO GOVERNMENT PRODUCTS GROUP — 1701 K St, N.W., Washington 6, DC — ME8-6505
45-180-220-250-895-1395

AMERICAN-MARIETTA CO — 3400 13th Ave, S.W., Seattle 4, Wash — MA3-3311
W Van Vector #8 *200 G 30-1290

Ariz	Shefler-Kahn	P.O. Box 1597, Phoenix, Ariz	AL8-7893
Cal	Eyre, Inc	[illegible] National Blvd, LA, Cal	WE1-[illegible]
Colo	R G Bowen Co	[illegible] Broadway, Denver 9, Colo	RA2-[illegible]
Ohio	American-Marietta Co	42 S. 3rd St, Newark, Ohio	FA4-[illegible]
Tex	Hill F Curry Co, Inc	[illegible] Hillcrest Ave, Dallas 5, Tex	LA6-[illegible]
Wash	Tell Co	Boeing Field, Seattle 8, Wash	PA3-[illegible]

AMERICAN MEASUREMENT & CONTROL INC — 240 Calvary St, Waltham 54, Mass — TW4-6212
K Knapton #5 *30 D 20-250-895-1550-1555-1850-1920-1935

AMERICAN MICA INSULATION CO — 235 Parker Ave, [illegible], NJ — CA3-3100
J Cadott *110 895-975-1290-1875-1890

AMERICAN MICROPHONE MFG CO DIV G-C TEXTRON INC — 400 S. Wyman St, Rockford, Ill — WO8-9661
D Bettio 375-1130-1270-1765

Ala	Clark Adair	1818 Silvastone Dr. Decatur, Ga	443-4321
Alas	G O LeBrun	1906 NE. 57th Ave. Portland 13, Ore	AT8-3142
Ariz	Koessler Sales Co	818 N. Fairfax Ave, L A 46, Cal	OL3-[illegible]
Ark	Tamsco	4924 Lochinvar, Memphis, Tenn	EX8-2014
Cal	Koessler Sales Co	818 N. Fairfax Ave, L A 46, Cal	OL3-[illegible]
Colo	Stan Clught & Associates	75 S. Cody Ct, Denver 26, Colo	BE3-4025
Conn	Mosher & Peyser	945 Great Plain Ave, Needham, Mass	HI4-1400
Del	Gene Rosen Associates Inc	9501 Wadsworth Dr, Bethesda, Md	OL6-6131
DC	Gene Rosen Associates Inc	9501 Wadsworth Dr, Bethesda, Md	OL6-6131
Fla	Winfield Sales	[illegible] NE 125th St, N. Miami	PL1-[illegible]
Ga	Clark Adair	1818 Silvastone Dr, Decatur	443-4321
Hawaii	Jim [illegible]	P.O. Box [illegible], Honolulu 5, Hawaii	511-[illegible]
Idaho	Stan Clught & Associates	75 S. Cody Ct, Denver 26, Colo	BE3-4025
Il	Markal Sales	2639 W. Peterson, Chicago	LO1-7290
Ill	Ted Lowell	Box 26, St. Louis, Mo	MI7-1111
Ind	Markal Sales	2639 W. Peterson, Chicago, Ill	LO1-7290
Iowa	Ted Lowell	Box 26, St. Louis 41, Mo	MI7-1111
Kan	Ted Lowell	Box 26, St. Louis 41, Mo	MI7-1111
Ky	Markal Sales	2639 W. Peterson, Chicago, Ill	LO1-7290
La	Tamsco	4924 Lochinvar, Memphis, Tenn	EX8-2014
Me	Mosher & Peyser	945 Great Plain Ave. Needham, Mass	HI4-1400
Md	Gene Rosen & Associates Inc	9501 Wadsworth Dr, Bethesda, Md	OL6-6131
Mass	Mosher & Peyser	945 Great Plain Ave. Needham	HI4-1400
Mich	Joe Clancy & Co	Box 259, Angola, Ind	AN 793
Minn	Pat Aylward & Co	3807 Grand Ave, Mpls	TA4-6266
Miss	Tamsco	4924 Lochinvar, Memphis, Tenn	EX8-2014
Mo	Ted Lowell & Assoc	Box 26, St. Louis 41	MI7-1111
Mont	Stan Clught & Associates	75 S. Cody Ct, Denver 26, Colo	BE3-4025
Neb	Ted Lowell & Assoc	Box 26, St. Louis 41, Mo	MI7-1111
Neb	Stan Clught	75 S. Cody Ct. Denver, Colo	BE3-4025
Nev	Koessler Sales Co	818 N. Fairfax Ave, L A 46, Cal	OL3-[illegible]
NH	Mosher & Peyser	945 Great Plain Ave, Needham, Mass	HI4-1400
NJ	D R Bittan Co	114 S. Central Ave, Valley Stream, NY	LO1-2444
NJ	Gene Rosen Associates Inc	9501 Wadsworth Dr, Bethesda, Md	OL6-6131
NM	Stan Clught & Associates	75 S. Cody Ct, Denver 26	BE3-4025
NY	Wm Tauber	151 Fayette Blvd. Syracuse	GR4-5224
NY	D R Bittan Co	114 S. Central Ave, Valley Stream, NY	LO1-2444
NC	Clark Adair	1818 Silvastone Dr. Decatur, Ga	443-4321
ND	Pat Aylward	3807 Grand Ave, Mpls 9, Minn	TA4-6266
Ohio	Joe Clancy	Box 259, Angola, Ind	AN 793
Okla	Berthold Sales	4411 Maple Ave. Dallas 19, Tex	LA6-8329
Ore	G O LeBrun	1906 NE. 57th Ave. Portland	AT8-3142
Pa	Gene Rosen	9501 Wadsworth Dr. Bethesda, Md	OL6-6131
Pa	Newman Sales	86 Pilgrim Rd. Carnegie	BR9-3869
RI	Mosher & Peyser	945 Great Plain Ave. Needham, Mass	HI4-1400
SC	Clark Adair	1818 Silvastone Dr. Decatur, Ga	443-4321
SD	Pat Aylward & Co	3807 Grand Ave. Mnpls. Minn	TA4-6266
Tenn	Clark Adair	1818 Silvastone Dr. Decatur, Ga	443-4321
Tenn	Tamsco	4924 Lochinvar, Memphis	EX8-2014
Tex	Berthold Sales	4411 Maple Ave. Dallas 19	LA6-8329
Utah	Stan Clught & Associates	75 S. Cody Ct. Denver 26, Colo	BE3-4025
Vt	Mosher & Peyser	945 Great Plain Ave. Needham, Mass	HI4-1400
Va	Gene Rosen Associates Inc	9501 Wadsworth Dr, Bethesda, Md	OL6-6131
Wash	G O LeBrun	1906 NE. 57th Ave. Portland, Ore	AT8-3142
W Va	Newman Sales	86 Pilgrim Rd. Carnegie, Pa	BR9-3869
Wis	Markal Sales	2639 W. Peterson, Chicago, Ill	LO1-7290
Wis	Pat Aylward	3807 Grand Ave. Mnpls. Minn	TA4-6266
Wyo	Stan Clught & Associates	75 S. Cody Ct, Denver 26, Colo	BE3-4025
For	Scheel Intl	5909 N. Lincoln Ave. Chicago 45, Ill	LO1-7832

AMERICAN MICROWAVE & T-V CORP — 1369 Ind. Rd. San Carlos, Cal — LY1-7387
W Boone #5 *28 C 1135-1910

AMERICAN MOLDED PRODUCTS CO — 2727 W. Chicago Ave, Chicago 22, Ill — AR6-3235
R Heuser #7 *350 G 120-715-905-1290-1465

Ala	Tom S Stone	Box 1361, Knoxville, Tenn	8-1969
Ark	Tom S Stone	P.O. Box 1361, Knoxville, Tenn	8-1969
Cal	Yarbrough Sales Co	[illegible] E Glenarm St, Pasadena, Cal	SY3-[illegible]
Conn	Sheridan Sales Co	135 Torrington Hghts Rd, Torrington, Conn	HU2-1680
Del	Shelmar Electronics Co	Box 234, Glenside, Pa	KI6-1166
Ga	Tom S Stone	Box 1361, Knoxville 1, Tenn	8-1969
Ind	H J Blind & Assoc Inc	5702 Cadillac Dr, Indianapolis 24, Ind	CH1-9772
Ky	H J Blind & Assoc Inc	5702 Cadillac Dr, Indianapolis 24, Ind	CH1-9772
Me	Sheridan Sales Co	135 Torrington Hghts Rd, Torrington, Conn	HU2-1680
Md	Shelmar Electronics Co	Box 234, Glenside, Pa	KI6-1166
Mass	Sheridan Sales Co	135 Torrington Hghts Rd, Torrington, Conn	HU2-1680
Mich	Lloyd George	[illegible]	GR4-[illegible]
Minn	Carl J Lemark	[illegible] Plymouth Bldg, Minneapolis, Minn	FE3-[illegible]
Miss	T S Stone	Box 1361, Knoxville 1, Tenn	8-1969
NH	Sheridan Sales Co	135 Torrington Hghts Rd, Torrington, Conn	HU2-1680
NJ	Shelmar Electronics Co	Box 234, Glenside, Pa	KI6-1166
NY	Mel Schwartz Co	[illegible] Fair Lawn, NJ	SW7-[illegible]
NY	[illegible] Inc	[illegible] Bellevue Ave, Syracuse 4	GR8-2141
NC	Shelmar Electronics Co	Box 234, Glenside, Pa	KI6-1166
Ohio	Andrew [illegible]	[illegible] River Rd, Toledo 14, Ohio	CH1-1141
Pa	Shelmar Electronics Co	Box 234, Glenside, Pa	KI6-1166
Pa	P W Newell Co	[illegible] Penn Ave, Pittsburgh 6, Pa	MO1-[illegible]
RI	Sheridan Sales Co	135 Torrington Hghts Rd, Torrington, Conn	HU2-1680
Tenn	T S Stone	Box 1361, Knoxville 1, Tenn	8-1969
Vt	Sheridan Sales Co	135 Torrington Hghts Rd, Torrington, Conn	HU2-1680
Va	Shelmar Electronics Co	Box 234, Glenside, Pa	KI6-1166
Wisc	E A Dickinson & Assoc	4117 N. Green Bay Ave, Milwaukee 9	CO4-[illegible]
Canada	Paisley Prods of Can Ltd	[illegible] Scarboro, Ontario, Canada	PL5-[illegible]

AMERICAN MOLDING POWDER & CHEMICAL CORP. — 703 Bedford Ave, Brooklyn 6, NY — MA5-7450
#1 *35 E 1290

AMERICAN MONARCH CORP. AMERICAN ELECTRONICS DIV — 2801 37th Ave. NE, Mapls 18, Minn — ST1-3391
R Zelinka #12 *140 E 50-145-275-338-365-895-915-1150-1340-1460-1735-1855

Del	Holden Eng. Sales Co	1133 Gypsy Ln. W. Towson 4, Md	VA3-3763
DC	Holden Eng. Sales Co	1133 Gypsy Ln. W. Towson 4, Md	VA3-3763
DC	Marco Distributors	7016 River Rd. Bethesda 14, Md	EM5-4321
Ill	L Falkenberg & Assoc	6635 W. Higgins Rd. Chicago 31	RO3-1844
Ind	L Falkenberg & Assoc	6635 W. Higgins Rd. Chicago 31, Ill	RO3-1844
Md	Holden Eng. Sales Co	1133 Gypsy Ln. W. Towson 4	VA3-3763
Mich	L Falkenberg & Assoc	6635 W. Higgins Rd. Chicago 31, Ill	RO3-1844
NJ	P Aaron	Professional Bldg, Port Wash, NY	PO7-8490
NJ	Magyar & Assoc	528 Lincoln Ave, Pompton Lakes	TE5-3158
NY	P Aaron	Professional Bldg, Port Wash	PO7-8490
NY	E Schemberg	835 Linden Ave. Rochester	LU6-0725
NC	Holden Eng. Sales Co	1133 Gypsy Ln. W. Towson 4, Md	VA3-3763
Pa	Magyar & Assoc	528 Lincoln Ave. Pompton Lakes, NJ	TE5-3158
Va	Holden Eng. Sales Co	1133 Gypsy Ln. W. Towson 4, Md	VA3-3763
Wis	L Falkenberg & Assoc	6635 W. Higgins Rd. Chicago 31, Ill	RO3-1844

• **AMERICAN OPTICAL CO INSTRUMENT DIV** — Buffalo 15, NY
895

AMERICAN POTASH & CHEMICAL CORP — 3000 W 6th St. LA 54, Cal — DU2-8231
W Clines #200 *2600 G 265-1125-1415

Cal	American Potash & Chemical Corp	[illegible] Montgomery St, SF 4	DO2-1300
DC	American Potash & Chemical Corp	[illegible] Washington 5	DI7-[illegible]
Ga	American Potash & Chemical Corp	[illegible] Peachtree Rd, NE, Atlanta	231-[illegible]
Ill	American Potash & Chemical Corp	[illegible] W Peterson Ave, Chicago 45	CO7-0817
Ill	American Potash & Chemical Corp	[illegible] W Chicago	CO7-[illegible]
La	American Potash & Chemical Corp	[illegible] Fairfield Ave, Shreveport	425-4498
NY	American Potash & Chemical Corp	99 Park Ave. New York 16	OX7-0544
Ohio	American Potash & Chemical Corp	[illegible] Riverside Dr, Columbus 21	HU8-[illegible]
Ore	American Potash & Chemical Corp	[illegible] SW Broadway, Portland	CA6-[illegible]

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	AMERICAN PRINTED CIRCUITS CO., INC	**Forest St, Metuchen, NJ**	**LI8-5777**
	B M Weaver #2 *4 A 280-975-1290-1305		
	AMERICAN PRODUCTS MFG CO., INC	**8127-33 Oleander St, New Orleans 18, La**	**HU2-1581**
	A Dalton #3 30-900		
	AMERICAN QUARTZ LABS, INC	**Rt 9-D, Garrison, NY**	**GA4-3338**
	S Bowman #2 *10 A 120-175-390-715-1290-1900		
	AMERICAN RADAR COMPONENTS INC	**415 E. Main St, Denville, NJ**	**OA7-5530**
	J Hoadley #2 *15 B 1135		
	AMERICAN RADIO CO., INC	**445 Park Ave, New York 22, NY**	**PL3-5846**
	H De Thomasson E 500-1135		
	AMERICAN RECTIFIER CORP	**95 Lafayette St, New York 13, NY**	**WO4-3350**
	V Goldsmith #4 *36 C 255-360-500-895-1340-1420-1445-1455-1855		
	AMERICAN RESEARCH CORP	**Rt. 6 & New Britain Ave, Farmington, Conn**	**OR7-2693**
	J Shoemaker #4 *25 D 250		
	AMERICAN RESEARCH & MFG CORP	**920 Halpine Ave, Rockville, Md**	**HA7-7116**
	G Beiser #28 *80 C 275-320-345-365-895-915-1135-1145-1290-1340-1420-1455		
	AMERICAN SCREW CO	**Willimantic, Conn**	**HA 3-6331**
	R Lebaissonniere #18 *500 F 125-1205-1525		
Cal	Clarence F Hermann Co	420 S. San Pedro St, Los Angeles 13	MA7-1684
Cal	David Winslow Co	25 California St, San Francisco 11	YU2-8644
Colo	P W Sheppard & Associates	1219 California St, Denver 4, Colo	AL5-2066
Conn	Donald Nolan	Pinewood Ln, Mansfield Center, Conn	HA3-6755
Ga	Douglas C Cravens	2050 Dunwoody St, N.E., Atlanta 17, Ga	DR3-8239
Ill	William Kluges	415 Wilson St, Chicago 40, Ill	SU4-8777
Ill	W G Lindquist	4940 Coyle Ave, Skokie, Ill	OR3-7918
Ill	Peter J Essex, Jr	1588 N Broadway St, Decatur, Ill	422-1044
Mass	W P Kenney	Kenney Rd, Raynham Center, Mass	VA4-5638
Mich	Walter Gibbs	252 Lewiston Rd, Grosse Pointe Farms	TU5-6284
Mich	Charles M Courser	1811 Silver Ave, S.W., Grand Rapids 7	GL2-5481
Minn	L F Thompson	5017 Halifax Ave, S, Minneapolis 24	WA2-3224
Mo	Jim M Harris Jr	929 Jefferson St, Kansas City, Mo	GR1-2929
NY	Thomas J Murphy	106 Heddenfield Dr, Dewitt, NY	GI6-3838
NY	John W Ruhle	379 E. 198th St, Bronx 51, NY	ME5-0192
NY	Dudley Osterhout Jr	11 Webster Pl, Lynbrook, NY	LA8581
Ohio	Richard E Rikert	3847 Harvey Rd, Dayton 5, Ohio	CR5-6815
Pa	E J Cramer	301 Bryn Dr, Wayne, Pa	MU8-0670
Wash	Ralston Cunningham Associates Inc	71 Columbia St, Seattle 4, Wash	MA2-2341
	AMERICAN SEALANTS CO	**705 N Mountain Rd, Hartford 11, Conn**	**CH9-8536**
	C Hellig Jr *30 1545		
Ala	Gearhart Co, The	512 N 18th St, Birmingham	AL2-7419
Cal	Don Porter Co	1107 S Robertson Blvd. LA	BR2-4263
Colo	Paul R Spencer Co	4201 Brighton Blvd. Denver 16	KE4-3293
DC	E R Hitchcock & Assoc	734-15th St, NW, Washington 5	EX3-5635
Fla	Gearhart Co, The	25 Catalina Dr, Orlando	GA2-8024
Ga	Gearhart Co, The	Gearhart Bldg, Atlanta 19	CE3-4431
Ill	Keene-Manning Sales Co	6668 Northwest Hwy, Chicago 31	SP4-3406
Mass	Douglas C Lee	54 Jarvis Circle, Needham 92	HI4-8036
Mich	Frederick A Pope	17701 E Warren Ave. Detroit 24	PR8-3723
Minn	Forcey Machine Tool Sales	4 ... St, St Paul	CA2-1600
Mo	Cornell Eng Co	4378 Lindell Blvd. St Louis 8	OL2-0667
NJ	Ted Patlovich	73 Snowden Dr. Princeton	WA4-4933
NM	Paul R Spencer Co	PO Box 1833, Albuquerque	2-4127
NY	United Services for Industry, Inc	342 Madison Ave. NY 17	OX7-0087
Ohio	J R Engle Co	20716 Chagrin Blvd. Cleveland 22	SK2-6652
Pa	Russell F Clark Co	1409 Clark Bldg. Pittsburgh 22	AT1-8089
Tex	Gulf Metal Prods Co	901 W Vickery, Ft Worth 4	ED2-1749
Va	United Services for Industry, Inc	3318 W Cary St. Richmond 21	EL8-4567
Wash	Northwest Sales & Eng Co	Terminal Sales Bldg. Seattle 1	MA2-3860
Wis	William A Klinger	743 N 4th St. Milwaukee 3	BR1-7390
Can	J S Parkes & Co. Ltd	220 St Paul St. W, Montreal, Que	VI5-7123
	AMERICAN SILVER CO., INC	**36-07 Prince St, Flushing 54, NY**	**FL3-8012**
	N Sullivan *50 1125-1635-1815		
Mich	Jack Bauer	1697 Brockway St. Saginaw	
Ore	Aero-Marc Co	625 W. Ewing St. Seattle, Wash.	
Wash	Aero-Marc Co	625 W. Ewing St. Seattle	
For	New Metals & Chem. Corp. Ltd	Box Central 565, Toyko, Jap.	
	AMERICAN SMELTING & REFINING CO	**120 Broadway, New York, NY**	**RE2-9500**
	900-1005-1125-1575-1635-1885		
Ala	P C McMillan	416 Dalton Dr, Birmingham, Ala	FA2-1802
Md	A A Hochreiter	Highland & Eastbourne, Baltimore 24, Md	ORS-2400
Mass	D H Wheeler	20 Providence St, Boston 16, Mass	LI2-0797
Mich	R H Ehersole	7430 2nd Blvd, Detroit 2, Mich	TR1-5040
Minn	C P Lucke	8916 S. Columbus Ave, Bloomington, Minn	TU1-4109
Mo	C R Kenner	P.O. Box 268, Alton, Ill	AL5-2511
NY	T B DeStefan	335 E. Main St, Rochester 4	LO2-5250
Ohio	B J Lippert	1670 Carew Tower, Cincinnati, Ohio	CH1-1678
Ohio	A J Mackan	1422 Euclid Ave, Cleveland, Ohio	PR1-2175
Pa	S A Schilling	Suburban Sta Bldg, Philadelphia 3, Pa	LO7-5129
Wisc	L C Heninger	4608 W. Burleigh St, Milwaukee, Wisc	HI5-7430
	AMERICAN SOLDER & FLUX CO	**19th & Willard Sts, Philadelphia 40, Pa**	**BA6-1000**
	J McBride *9 B 315-700-1240		
	AMERICAN SPEEDLIGHT CORP	**63-01 Metropolitan, Middle Village 79, NY**	**EM6-3000**
	#5 *50 E 25-1260		
	AMERICAN-STANDARD, CONTROLS DIV	**5900 Trumbull, Detroit 8, Mich**	
	#75 *1700 G 360-895-1100-1735-1810-1920		
	AMERICAN STANDARD INDUSTRIAL DIV	**Detroit 32, Mich**	**WE3-9665**
	J Hosler #400 *2900 G 105-370-825		
Ala	American-Standard Industrial Div	2201 Highland Ave, S., Birmingham, Ala	FA3-8766
Ariz	American-Standard Industrial Div	132 S. Central Ave, Phoenix, Ariz	AL2-4641
Ark	T J O'Brien Engineering Co	315 W. Second St, Little Rock, Ark	FR6-1068
Cal	American-Standard Industrial Div	2411 W 8th St, Los Angeles 57, Cal	DU7-5303
Cal	American-Standard Industrial Div	821 Market St, San Francisco 3, Cal	EX7-6707
Colo	American-Standard Industrial Div	2475 W. 2?? Ave, Denver 11, Colo	GE3-6927
Conn	American-Standard Industrial Div	2535 Albany Ave, West Hartford 17, Conn	AD3-9631
DC	American-Standard Industrial Div	7720 Wisconsin Ave, Washington 14, DC	OL4-5223
Fla	American-Standard Industrial Div	22 Miracle Mile, Miami 34, Fla	HI8-2297
Ga	American-Standard Industrial Div	3110 Maple Dr NE, Atlanta 5, Ga	231-2550
Ill	American-Standard Industrial Div	228 N. LaSalle St, Chicago 1, Ill	FI6-2531
Ill	American-Standard Industrial Div	P.O. Box 118, Moline, Ill	764-5608
Ill	American-Standard Industrial Div	3100 N Knoxville Ave, Peoria	688-6607
Ind	American-Standard Industrial Div	333 N Pennsylvania St, Indpls 4, Ind	ME4-1353
Iowa	American-Standard Industrial Div	404A Shops Bldg, DesMoines 9, Iowa	CH4-2711
Kan	American-Standard Industrial Div	211 Davidson Bldg, Wichita, Kan	AM7-9943
Ky	American-Standard Industrial Div	1622 Heyburn Bldg, Louisville 2, Ky	JU4-7109
La	Walter Cooke	816 Howard Ave, New Orleans 12, La	524-7105
Me	American-Standard Industrial Div	553 Congress St, Portland, Me	SP2-5457
Md	American-Standard Industrial Div	1800 N. Charles St, Baltimore 1, Md	PL2-6515
Mass	American-Standard Industrial Div	51 Winchester St, Newton Highlands 61	WO9-9100
Mich	American-Standard Industrial Div	632 Fisher Bldg, Detroit 2, Mich	TR2-4300
Minn	American-Standard Industrial Div	610 Longyear Bldg, Minneapolis 2, Minn	FE9-9181
Mo	American-Standard Industrial Div	1710 Railway Exchange Bldg, St Louis	GA1-1208
Mont	G M Wallace & Co	P.O. Box 208, Butte, Mont	2-8391
Neb	American-Standard Industrial Div	305 Patterson Bldg, Omaha 2, Neb	341-7464
NJ	American-Standard Industrial Div	1060 Broad St, Newark 2, NJ	MA2-3719
NM	American-Standard Industrial Div	142 Monroe, N.E., Albuquerque, NM	AM8-1471
NY	American-Standard Industrial Div	39 W 39th St, New York 18, NY	PE6-9170
NY	American-Standard Industrial Div	409 Syracuse-Kemper Bldg, Syracuse 2, NY	GR1-2169
NY	American-Standard Industrial Div	1807 Elmwood Ave, Buffalo 7, NY	TR5-9901
NC	American-Standard Industrial Div	1314 E. Fourth St, Charlotte 4, NC	ED2-3148
Ohio	American-Standard Industrial Div	1010 Euclid Ave, Cleveland 15, Ohio	CH1-8115
Ohio	American-Standard Industrial Div	1216 E. McMillan St, Cincinnati 6, Ohio	PL1-6262
Ohio	American-Standard Industrial Div	2591 N. High St, Columbus 2, Ohio	AM8-4140
Okla	American-Standard Industrial Div	519 Leonhardt Bldg, Oklahoma City 2	CE5-1593
Ore	American-Standard Industrial Div	921 SW Washington St, Portland 5, Ore	CA8-0656
Pa	American-Standard Industrial Div	1617 Penna Blvd, Phila 3	LO3-8873
Pa	American-Standard Industrial Div	441 Oliver Bldg, Pittsburgh 22, Pa	AT1-3496
Pa	American-Standard Industrial Div	Medical Arts Bldg, Reading, Pa	FR6-3901
SC	American-Standard Industrial Div	Conway Bldg, Greenville, SC	CE9-5381
Tenn	American-Standard Industrial Div	1301 Hannah Ave NW, Knoxville 19, Tenn	524-1688
Tex	American Standard Industrial Div	1213 Texas Bank Bldg, Dallas 2, Tex	RI7-1879
Utah	American-Standard Industrial Div	1875 S Main St, Salt Lake City 15, Utah	IN7-9457
Va	American-Standard Industrial Div	2315 W. Broad St, Richmond 20, Va	EL9-5795
Wash	R D Morse Co	1306 Republican St, Seattle 9, Wash	MA4-4328
W. Va	American-Standard Industrial Div	1025 Virginia St, E., Charleston 23, W.Va	DI6-1331
Wisc	American-Standard Industrial Div	8531 W. Capitol Dr, Milwaukee 22, Wisc	HO4-6550
Foreign	Amer Radiator & Std Sanitary Corp	40 W. 40th St, New York 18, NY	OX5-5600
	AMERICAN STEEL & WIRE DIV USS	**Rockefeller Bldg, Cleveland 13, Ohio**	**TO1-2000**
	V Heimberger 190-1960		
Ala	Tenn Coal & Iron Div USS	P O Box 599, Fairfield, Ala	ST5-8011
Alaska	U S Steel Export Co	100 Church St, New York 8, NY	CO7-7474
Ariz	Columbia-Geneva Steel Div USS	120 Montgomery, San Francisco, Cal	SU1-2500
Ark	Tenn Coal & Iron Div USS	Box 599, Fairfield, Ala	ST5-8011
Cal	Columbia-Geneva Steel Div USS	120 Montgomery St, San Francisco, Cal	SU1-2500
Colo	American Steel & Wire Div USS	208 S. LaSalle St, Chicago 90, Ill	
Conn	American Steel & Wire Div USS	71 Broadway, New York 6, NY	DI4-9000
Del	American Steel & Wire Div USS	71 Broadway, New York 6, NY	DI4-9000
DC	American Steel & Wire Div USS	71 Broadway, New York 6, NY	DI4-9000
Fla	Tenn Coal & Iron Div USS	Box 599, Fairfield, Ala	ST5-8011
Ga	Tenn Coal & Iron Div USS	Box 599, Fairfield, Ala	ST5-8011
Hawaii	U S Steel Export Co	100 Church St, New York 8, NY	CO7-7474
Idaho	Columbia-Geneva Steel Div USS	120 Montgomery, San Francisco, Cal	SU1-2500
Ill	American Steel & Wire Div USS	208 S. LaSalle St, Chicago 90, Ill	CE6-9200
Ind	American Steel & Wire Div USS	208 S. LaSalle St, Chicago 90, Ill	
Iowa	American Steel & Wire Div USS	208 S. LaSalle St, Chicago 90, Ill	
Kan	American Steel & Wire Div USS	208 LaSalle St, Chicago 90, Ill	
La	Tenn Coal & Iron Div USS	Box 599, Fairfield, Ala	ST5-8011
Me	American Steel & Wire Div USS	71 Broadway, New York 6, NY	DI4-9000
Md	American Steel & Wire Div USS	71 Broadway, New York 6, NY	DI4-9000
Mass	American Steel & Wire Div. USS	Statler Bldg. Boston 16	LI2-6120
Mich	American Steel & Wire Div. USS	9-236 General Motors Bldg. Detroit 2	TR2-8350
Minn	American Steel & Wire Div USS	208 LaSalle St, Chicago 90, Ill	
Miss	Tenn Coal & Iron Div USS	Box 599, Fairfield, Ala	ST5-8011
Mo	American Steel & Wire Div USS	208 S. LaSalle St, Chicago 90, Ill	
Mont	American Steel & Wire Div USS	208 S. LaSalle St, Chicago 90, Ill	
Neb	American Steel & Wire Div USS	208 S. LaSalle St, Chicago 90, Ill	
Nev	Columbia-Geneva Steel Div USS	120 Montgomery, San Francisco, Cal	SU1-2500
NH	American Steel & Wire Div USS	71 Broadway, New York 6, NY	DI4-9000
NJ	American Steel & Wire Div USS	71 Broadway, New York 6, NY	DI4-9000
NM	American Steel & Wire Div USS	208 S. LaSalle St, Chicago 90, Ill	
NY	American Steel & Wire Div USS	71 Broadway, New York 6, NY	DI4-9000
NC	Tenn Coal & Iron Div USS	Box 599, Fairfield, Ala	ST5-8011
ND	American Steel & Wire Div USS	208 S. LaSalle St, Chicago 90, Ill	
Okla	Tenn Coal & Iron Div USS	Box 599, Fairfield, Ala	ST5-8011
Ore	Columbia-Geneva Steel Div USS	120 Montgomery, San Francisco, Cal	SU1-2500
Pa	American Steel & Wire Div. USS	Suburban Sta. Bldg, Phila 3	LO4-4000
Pa	American Steel & Wire Div. USS	525 William Penn Pl. Pittsbgh 30	EX1-2345
RI	American Steel & Wire Div USS	71 Broadway, New York 6, NY	DI4-9000
SC	Tenn Coal & Iron Div USS	Box 599, Fairfield, Ala	ST5-8011
SD	American Steel & Wire Div USS	208 S. LaSalle St, Chicago 90, Ill	
Tenn	Tenn Coal & Iron Div USS	Box 599, Fairfield, Ala	ST5-8011
Tex	Tenn Coal & Iron Div USS	Box 599, Fairfield, Ala	ST5-8011
Utah	Columbia-Geneva Steel Div USS	120 Montgomery, San Francisco, Cal	SU1-2500
Vt	American Steel & Wire Div USS	71 Broadway, New York 6, NY	DI4-9000
Va	American Steel & Wire Div USS	71 Broadway, New York 6, NY	DI4-9000
Wash	Columbia-Geneva Steel Div USS	120 Montgomery, San Francisco, Cal	SU1-2500
Wisc	American Steel & Wire Div USS	208 S. LaSalle St, Chicago 90, Ill	
Wyo	American Steel & Wire Div USS	208 S. LaSalle St, Chicago 90, Ill	
Foreign	U S Steel Export Co	100 Church St, New York 8, NY	CO7-7474
	AMERICAN STERILIZER CO	**2424 W. 23 St. Erie, Pa**	**GL6-2021**
	R Bowles #25 *1200 G 250-370-540-1915		
Cal	American Sterilizer Co	17 Vista Ave. San Mateo	
Cal	American Sterilizer Co	4233 Lankershim Blvd. N. Hollywood	
Colo	American Sterilizer Co	4690 W. Alameda St. Denver	
Fla	American Sterilizer Co	4424 N. Dale Mabry, Tampa	
Ga	American Sterilizer Co	206 14th St. NW. Atlanta 13	
Ill	American Sterilizer Co	983 W. 88th St. Chicago 20	
La	American Sterilizer Co	611 Gravier St. New Orleans 12	
Md	American Sterilizer Co	35 Wisconsin Circle, Chevy Chase 15	
Mass	American Sterilizer Co	167 Corey Rd. Brookline 46	
Mich	American Sterilizer Co	32580 Grand River Blvd. Farmington	
Minn	American Sterilizer Co	550 S. Snelling Ave. St. Paul 16	
Mo	American Sterilizer Co	6738 Chippewa St. St. Louis 9	
NY	American Sterilizer Co	247-39 Jamaica Ave. Bellerose 26	
Ohio	American Sterilizer Co	6929 Plainfield Rd. Cinc 36	
Pa	American Sterilizer Co	102 Greenwood Ave. Wyncote	
Pa	American Sterilizer Co	1746 N. Highland Rd. Pittsbgh 28	
Tex	American Sterilizer Co	6620 Snider Plaza Dallas 5	
Va	American Sterilizer Co	3222 W. Cary St. Richmond	
Wash	American Sterilizer Co	420 Ravenna Blvd. Seattle 15	
Can	Amer Sterilizer Co. of Can. Ltd	Brampton, Ontario	
For	AMSCO Europ, NV	Rotterdam Holland	
For	AMSCO De Mexico S A	San Bartolo Naucalpan Est De Mex.	
For	AMSCO Inter	152 W. 42nd St. NY	
For	Amsco MSA Ltd	E Grinstead, Sussex, Eng	
•	**AMERICAN SUPER-TEMPERATURE WIRES INC**	**8 W. Canal St, Winooski, Vt**	**UN2-9636**
	190-1290-1755-1890-1960		
Ala	K O Brown Co	Box 1791, Greensboro, NC	BR3-5973
Ariz	Service Cable & Wire Inc	2051 Pontius Ave, L A, Cal	GR8-0313
Cal	Service Cable & Wire Inc	2051 Pontius Ave, L A, Cal	GR8-0313
Colo	Service Cable & Wire Inc	2051 Pontius Ave, L A, Cal	GR8-0313
Conn	Chapman & Wyman Inc	Box 256, Weston 93, Mass	TW4-1919
Del	F O Hoyt Co	195 Nassau St, Princeton, NJ	WA4-4450
DC	F O Hoyt Co	195 Nassau St, Princeton, NJ	WA4-4450
Fla	Edw Raymond & Assoc	Box 8215, Indialantic Beach, Fla	7-6126
Ga	K O Brown Co	Box 1791, Greensboro, NC	BR3-5973
Idaho	E F Reiber Co	Box 1621, Seattle 55, Wash	EM2-0745
Ill	E G Kestal & Assoc	6272 W. North Ave, Chicago 38, Ill	TU9-1521
Ind	E G Kestal & Assoc	6272 W. North Ave, Chicago 38, Ill	TU9-1521
Iowa	SKB Co Inc	2010 - 22nd Ave, S., Minneapolis 7, Minn	PA2-1226
Kan	Ray Deane	10825 McGee, Kansas City, Mo	PL3-1133
Ky	Walter J Brauer & Assoc	15631 Lakewood Hghts, Cleveland, Ohio	LAI-7268
Me	Chapman & Wyman Inc	Box 255, Weston 93, Mass	TW4-1919
Md	F O Hoyt Co	195 Nassau St, Princeton, NJ	WA4-4450
Mass	Chapman & Wyman Inc	Box 255, Weston 93, Mass	TW4-1919
Mich	Weed & Smith	975 Hunter Blvd, Birmingham, Mich	JO6-7957
Mich	E G Kestal & Assoc	6272 W. North Ave, Chicago 39, Ill	TU9-1521
Minn	SKB Co Inc	2810-22nd Ave, S., Minneapolis 7	PA2-1226
Mo	Ray Deane	10825 McGee, Kansas City 14, Mo	PL3-1133
Mont	E F Reiber Co	Box 1621, Seattle 55, Wash	EM2-0745
Neb	Ray Deane	10825 McGee, Kansas City 14, Mo	PL3-1133
Nev	Service Cable & Wire Inc	2051 Pontius Ave, L A 25, Cal	GR8-0313
NH	Chapman & Wyman Inc	Box 256, Weston 93, Mass	TW4-1919
NJ	F O Hoyt Co	195 Nassau St, Princeton, NJ	WA4-4450
NM	Service Cable & Wire Inc	2051 Pontius Ave, L A 25, Cal	GR8-0313
NY	Foster Beach Corp	3700 East Ave, Rochester 18, NY	LU6-1400
NY	F O Hoyt Co	195 Nassau St, Princeton, NJ	WA4-4450
NC	K O Brown Co	Box 1791, Greensboro, NC	BR3-5973
ND	SKB Co Inc	2010-22nd Ave, S., Minneapolis 7, Minn	PA2-1226
Ohio	Weed & Smith	975 Hunter Blvd, Birmingham, Mich	JO6-7957
Ohio	Walter J Brauer & Assoc	15631 Lakewood Hghts Blvd, Cleveland 7,	LAI-7268
Okla	Allied Components Inc	Box 10203, Dallas, Tex	RI2-2830
Ore	E F Reiber Co	Box 1621, Seattle 55, Wash	EM2-0745
Pa	F O Hoyt Co	195 Nassau St, Princeton, NJ	WA4-4450
Pa	Walter J Brauer & Assoc	15631 Lakewood Hghts, Cleveland 7, Ohio	LAI-7268
RI	Chapman & Wyman Inc	Box 255, Weston 93, Mass	TW4-1919
SC	K O Brown Co	Box 1791, Greensboro, NC	BR3-5973
SD	SKB Co Inc	2010-22nd Ave, S., Minneapolis 7, Minn	PA2-1226
Tenn	K O Brown Co	Box 1791, Greensboro, NC	BR3-5973
Tex	Geophysical Supply Co	1500 Crawford, Houston, Tex	CA4-9881
Tex	Allied Components Inc	Box 10203, Dallas, Tex	RI2-2830
Utah	Service Cable & Wire Inc	2051 Pontius Ave, L A 25, Cal	GR8-0313
Va	F O Hoyt Co	195 Nassau St, Princeton, NJ	WA4-4450
Va	K O Brown Co	Box 1791, Greensboro, NC	BR3-5973
Wash	E F Reiber Co	Box 1621, Seattle 55, Wash	EM2-0745
Wisc	E G Kestal & Assoc	6272 W. North Ave, Chicago 38, Ill	TU9-1521
Wisc	SKB Co Inc	2010-22nd Ave, S., Minneapolis 7, Minn	PA2-1226
Wyo	E F Reiber Co	Box 1621, Seattle 55, Wash	EM2-0745
•	**AMERICAN TELEVISION & RADIO CO**	**300 E. 4th St, St. Paul 1, Minn**	**CA2-3791**
	A Goffstein 255-365-915-1340-1425-1460-1855-1935		
Ala	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Alaska	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AL6470
Ariz	Frank A Emmet Co	1810 Fair Oaks Ave, S. Pasadena, Cal	MU2-3721
Ark	Berthold Sales Co	4411 Maple Ave, Dallas 19, Tex	LA6-8329
Cal	Frank A Emmet Co	1810 Fair Oaks Ave, S. Pasadena, Cal	MU2-3721
Cal	Logan Sales Co	154 8th St, San Francisco, Cal	HE1-0892
Colo	Nelson Co	710 E. Louisiana St, Denver 10, Colo	PE3-5528
Conn	Gerber Sales Co	48 Pearl St, Brookline 46, Mass	BE2-2425
Del	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
DC	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Fla	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Ga	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Haw	G Piety Factors Inc	Box 2903, Honolulu	837-185
Idaho	Nelson Co	710 E. Louisiana St, Denver 10, Colo	PE3-5528
Ill	Gettleman & Littman	5209 N. Kimball Ave, Chicago, Ill	JU8-0030
Ill	Saffin & Associates	5209 N. Kimball Ave, Chicago, Ill	JU8-0030
Iowa	Koenig-Myers Associates	4538 Main St, Kansas City, Mo	JE1-7221
Kan	Koenig-Myers Associates	4538 Main St, Kansas City, Mo	JE1-7221
La	Berthold Sales Co	4411 Maple Ave, Dallas 19, Tex	LA6-8329
Me	Gerber Sales Co	48 Pearl St, Brookline 46, Mass	BE2-2425
Md	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Mass	Gerber Sales Co	48 Pearl St, Brookline 46, Mass	BE2-2425
Minn	H M Richardson Co, Inc	9 E. 22nd St, Minneapolis 4, Minn	FE6-4578
Miss	Berthold Sales Co	4411 Maple Ave, Dallas 19, Tex	LA6-8329
Mo	Koenig-Myers Associates	4538 Main St, Kansas City, Mo	JE1-7221
Mont	Nelson Co	710 E. Louisiana St, Denver 10, Colo	PE3-5528
Neb	Koenig-Myers Associates	4538 Main St, Kansas City, Mo	JE1-7221
Neb	Nelson Co	710 E. Louisiana St, Denver 10, Colo	PE3-5528
Nev	Logan Sales Co	154 8th St, San Francisco, Cal	HE1-0892
NH	Gerber Sales Co	48 Pearl St, Brookline 46, Mass	BE2-2425
NJ	Newhope Corp	6 E. 39th St, New York City, NY	LE2-7172
NJ	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
NM	Nelson Co	710 E. Louisiana St, Denver 10, Colo	PE3-5528
NY	Frank W Taylor Co	4455 E. Genesee St, De Witt, NY	GI6-0422
NY	Newhope Corp	6 E. 39th St, New York City, NY	LE2-7172
NC	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
ND	H M Richardson Co, Inc	9 E. 22nd St, Minneapolis 4, Minn	FE6-4578

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ohio	John O Olsen Co	16201 Shaker Blvd, Cleveland, Ohio	SK2-5444
Okla	Berthold Sales Co	4411 Maple Ave, Dallas 19, Tex	LA6-8329
Ore	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AL5470
Pa	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
RI	Gerber Sales Co	48 Pearl St, Brookline 46, Mass	BE2-2425
SC	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
SD	H M Richardson Co., Inc	9 E. 22nd St, Minneapolis, Minn	FE6-4078
Tenn	Berthold Sales Co	4411 Maple Ave, Dallas 19, Tex	LA6-8329
Tenn	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Tex	Berthold Sales Co	4411 Maple Ave, Dallas 19, Tex	LA6-8329
Tex	Nelson Co	710 E. Louisiana St, Denver 10, Colo	PE3-5528
Utah	Nelson Co	710 E. Louisiana St, Denver 10, Colo	PE3-5528
Vt	Gerber Sales Co	48 Pearl St, Brookline 45, Mass	BE2-2425
Va	Morris F Taylor	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Wash	James J Becker Co	221 W. Galer St, Seattle 99, Wash	AL6470
W. Va	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Wisc	Gettleman & Littman	5209 N. Kimball Ave, Chicago, Ill	JU8-0093
Wisc	Saffro & Associates	5209 N. Kimball Ave, Chicago, Ill	JU8-0905
Wyo	Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	PE3-5528
Foreign	Rocke International	13 E. 40th St, New York 16, NY	MU9-0200
Canada	R C Kehmert Sales Ltd	73 Crockford Blvd, Scarboro, Ont, Canada	PL7-9021
Canada	Chas L Thompson Ltd	3115 Lonsdale Ave, N. Vancouver, BC, Can	YU7-9388
	AMERICAN THERMO ELECTRIC CO	**1023 N. Fuller Ave, Los Angeles 46, Cal**	**HO4-1632**
	#2 *12 1795		
•	**AMERICAN TIME PRODUCTS DIV. BULOVA WATCH CO. INC**	**61-20 Woodside Ave. Woodside 77, NY**	**OL1-7800**
	R R Ansell #7 *95 D 895		
	AMERICAN TRADAIR CORP SUB OF EKCO ELECTRONICS LTD	**34-01 30 St, Long Island City 6, NY**	**EM1-1414**
	C Boston A 338-895-1520		
Ala	Gamma Industries	P.O. Box 2543, Baton Rouge, La	
Ariz	C W Reed Co., Inc	5959 S. Hoover St, Los Angeles, Cal	
Ark	Atomasters-Buntaine Corp	111 W. Jewel Ave, St. Louis, Mo	
Cal	C W Reed Co., Inc	5959 S. Hoover St, Los Angeles, Cal	
Colo	C W Reed Co., Inc	5959 S. Hoover St, Los Angeles, Cal	
Fla	Gamma Industries	P.O. Box 2543, Baton Rouge, La	
Ga	Gamma Industries	P.O. Box 2543, Baton Rouge, La	
Idaho	C W Reed Co., Inc	5959 S. Hoover St, Los Angeles, Cal	
Ind	Ben Z Rubin Co	16130 Meyer Rd, Detroit 35, Mich	
Iowa	Atomasters-Buntaine Corp	111 W. Jewel Ave, St. Louis, Mo	
Kan	Atomasters-Buntaine Corp	111 W. Jewel Ave, St. Louis, Mo	
La	Gamma Industries	P.O. Box 2543, Baton Rouge, La	
Mich	Ben Z Rubin Co	16130 Meyer Rd, Detroit 35, Mich	
Miss	Gamma Industries	P.O. Box 2543, Baton Rouge, La	
Mo	Atomasters Buntaine Corp	111 W. Jewel Ave, St. Louis, Mo	
Mont	C W Reed Co., Inc	5959 S. Hoover St, Los Angeles, Cal	
Neb	Atomasters Buntaine Corp	111 W. Jewel Ave, St. Louis, Mo	
Nev	C W Reed Co., Inc	5959 S. Hoover St, Los Angeles, Cal	
NJ	Geo Landfear Enterprises	165 Franklin Ave, Nutley, NJ	
Ohio	Ben Z Rubin Co	16130 Meyer Rd, Detroit 35, Mich	
Okla	Atomasters Buntaine Corp	111 W. Jewel Ave, St. Louis, Mo	
Ore	C W Reed Co	5959 S. Hoover St, Los Angeles, Cal	
Tenn	Gamma Industries	P.O. Box 2543, Baton Rouge, La	
Tex	Gamma Industries	P.O. Box 2543, Baton Rouge, La	
Utah	C W Reed Co., Inc	5959 S. Hoover St, Los Angeles, Cal	
Wyo	C W Reed Co., Inc	5959 S. Hoover St, Los Angeles, Cal	
	AMFLEX PRODUCTS DEPT AMERICAN MACHINE & FOUNDRY CO.	**689 Hope St. Springdale, Conn**	**DA5-2211**
	D Higgins 315-625-678-900-975-1125-1290-1755-1985		
Conn	Huse-Liberty Mica	Peabody Industrial Center, Peabody, Mass	JE1-7100
Ill	J J Glenn & Co	605 W. Washington Blvd, Chicago 6, Ill.	ST2-9667
Ind	J J Glenn & Co	605 W. Washington Blvd, Chicago 6, Ill.	ST2-9667
Iowa	J J Glenn & Co	605 W. Washington Blvd, Chicago 6, Ill.	ST2-9667
Kan	John B Guenther	4533 N. Central Expwy, Dallas, Tex	LA8-6286
Ky	J J Glenn & Co	605 W. Washington Blvd, Chicago 6, Ill.	ST2-9667
La	John B Guenther	4533 N. Central Expwy, Dallas, Tex	LA8-6286
Me	Huse-Liberty Mica Co	Peabody Industrial Center, Peabody, Mass	JE1-7100
Mass	Huse-Liberty Mica Co	Peabody Industrial Center, Peabody, Mass	JE1-7100
Minn	J J Glenn & Co	7915 N. Boyd Way, Milwaukee 17, Wisc.	FL2-7262
NH	Huse-Liberty Mica Co	Peabody Industrial Center, Peabody, Mass	JE1-7100
NJ	Robert McKeown Co., Inc	99 Dorsa Ave, Livingston, NJ	WY2-0700
NY	Robet McKeown Co., Inc	99 Dorsa Ave, Livingston, NJ	WY2-0700
Ohio	J J Glenn & Co	605 W. Washington Blvd, Chicago 6, Ill.	ST2-9667
Okla	John B Guenther	4533 N. Central Expwy, Dallas, Tex	LA8-6286
RI	Huse-Liberty Mica Co	Peabody Industrial Center, Peabody, Mass	JE1-7100
Tex	John B Guenther	4533 N. Central Expwy, Dallas, Tex	LA8-6286
Vt	Huse-Liberty Mica Co	Peabody Industrial Center, Peabody, Mass	JE1-7100
Wisc	J J Glenn & Co	7915 N. Bond Way, Milwaukee 17, Wisc.	FL2-7262
	AMGLO CORP	**4333 N. Ravenswood Ave, Chicago 13, Ill**	**BU1-2727**
	C Bobbs #8 *50 D 330-998-1165-1735-1810-1820		
•	**AMP INC**	**Eisenhower Blvd, Harrisburg, Pa**	**JO4-0101**
	F Newell #250 *3000 G 220-338-345-450-1075-1145-1455-1715-1855		
Cal	AMP Inc	1606 Rollins Rd. Burlingame	
Cal	AMP Inc	3138 W El Segundo Blvd. Hawthorne	
Ill	AMP Inc	5555 Northwest Hwy, Chicago 30	
NJ	AMP Inc	Wilson Blvd. 130 N Broadway, Camden 2	
	AMPCO MFG CO	**246 E. 2nd St, Plainfield, NJ**	**PL7-4600**
	A Brownstein #4 *40 D 25-190-225-300-345-375-790-795-895-910-920-925-1005-1135-1315-1735		
	AMPERE INDUSTRIES	**60 Boston St. Newark 3, NJ**	**MA2-4037**
	G Kesselman #3 *29 C 820-885-1215		
•	**AMPEREX ELECTRONIC CORP**	**230 Duffy Ave, Hicksville, NY**	**WE1-6200**
	F Randall #75 *500 G 500-1135-1660-1880		
Ala	James Millar & Associates	P.O. Box 7116-Station C, Atlanta, Ga	TR6-0919
Alaska	Richard R Legg Co	1533 N.W. 21st Ave, Portland 2, Ore	CA3-9720
Ariz	Mel Pearson & Co	288 Canyon Rd, Salt Lake City, Utah	EM4-7524
Ark	Norvell Associates	3603 Lemmon Ave, Dallas, Tex	LA6-7861
Cal	Wm J Purdy Co	312 Seventh St, San Francisco, Cal	UN3-3100
Cal	Shephard-Winters Co	7407 1/2 Melrose Ave, Los Angeles, Cal	WE8-2996
Colo	Mel Pearson & Co	1850 S. Acoma, Denver, Colo	SP7-7878
Conn	Gerber Sales Co	47 Church St, New Haven, Conn	SP7-6279

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Del	Paragon Sales Co	111 S. 22nd St, Philadelphia, Pa	RI6-7060
Fla	James Millar Associates	241 Demmerich Dr, P.O. Box 96, Maitland Fla	
Ga	James Millar & Associates	P.O. Box 7116-Sta C, Atlanta, Ga	TR6-0919
Idaho	Richard R Legg Co	1533 N.W. 21st Ave, Portland 2, Ore	CA3-9720
Ill	Amperex Electronic Corp	7440 W. North Ave, Elmwood Park, Ill.	GL3-2494
Ind	Thomas & Sukup Inc	5226 N. Keystone Ave, Indianapolis, Ind	CL1-6915
Iowa	Jerry Vrbik	615 Guaranty Bldg, Cedar Rapids, Iowa	EM4-0833
Kan	R. W. Farris Co. Inc.	406 W. 34 St., Kansas City 11, Mo	
Ky	Thomas & Sukup Inc	5226 N. Keystone Ave, Indianapolis, Ind	CL1-6915
La	Norvell Associates	3603 Lemmon Ave, Dallas, Tex	LA6-7861
Me	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Md	Paragon Sales Co.,	111 S. 22 St., Phila., Pa	RI-6-7060
Mass	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Mich	Amperex Electronic Corp.	7440 W. North Ave. Elmwood Park, Ill.	GL 3-2494
Minn	Jerry Vrbik	615 Guaranty Bldg, Cedar Rapids, Iowa	EM4-0833
Mo	R W Farris Co. Inc	406 W 34 St. Kansas City 11	
Mont	Richard R Legg Co	1533 N.W. 21st Ave, Portland 2, Ore	CA3-9720
Nev	Shephard-Winters Co	7407 1/2 Melrose Ave, Los Angeles, Cal	WE8-2996
NH	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
NJ	Paragon Sales Co	111 S. 22nd St, Philadelphia, Pa	RI6-7060
NM	Mel Pearson & Co	1850 S. Acoma, Denver, Colo	SP7-7878
NY	Kahgan Sales Co	1261 Broadway, New York, NY	MU4-7772
NY	Edward A Ossmann Corp	830 Linden Ave, Rochester, NY	LU6-4940
NC	James Millar Associates	4023 Arborway, Charlotte 7, NC	
Ohio	Sid Levin & Assoc	6252 Mayfield Rd, Cleveland 24	
Okla	Norvell Associates	3603 Lemmon Ave, Dallas, Tex	LA6-7861
Ore	Richard R Legg Co	1533 N.W. 21st Ave, Portland 2, Ore	CA3-9720
Pa	Sid Levin & Associates	6252 Mayfield Rd, Cleveland 24, Ohio	
Pa	Paragon Sales Co	111 S. 22nd St, Philadelphia, Pa	RI6-7060
RI	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
SC	James Millar Associates	4023 Arborway, Charlotte 7, NC	
Tenn	James Millar Associates	4023 Arborway, Charlotte 7, NC	
Tex	Norvell Associates	3603 Lemmon Ave, Dallas, Tex	LA6-7861
Utah	Mel Pearson & Co	288 Canyon Rd, Salt Lake City, Utah	EM4-7524
Vt	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Va	Sid Levin & Associates	6252 Mayfield Rd, Cleveland 24, Ohio	
Wash	Richard R Legg Co	3534 Wallingford Ave, Seattle, Wash	ME6697
W Va	Sid Levin & Assoc	6252 Mayfield Rd., Cleveland 24, Ohio	
Wisc	Jerry Vrbik	615 Guaranty Bldg, Cedar Rapids, Iowa	EM4-0833
Wyo	Mel Pearson & Co	288 Canyon Rd, Salt Lake City, Utah	EM4-7524
•	**AMPERITE CO., INC**	**561 Broadway, New York 12, NY**	**CA6-1446**
	1455-1460-1800		
Cal	Wallace & Wallace	1206 Maple Ave, Los Angeles, Cal	
Tex	J E Smith	P.O. Box 85331, Dallas, Tex	
	AMPEX COMPUTER PRODUCTS CO.	**9937 Jefferson Blvd, Culver City, Cal**	**UPO-8571**
	K Salger F 338-380-895-1430-1435-1760		
Ariz	Ampex Computer Products Co	8900 North Central Ave. Phoenix	WI 4-4381
Conn	Ampex Computer Products Co	P. O. Box 343, New Canaan, Conn	WO 6-3736
DC	Ampex Computer Products Co	910 17th St. NW, Wash	NA8-1886
Ill	Ampex Computer Products Co	4948 Dempster St., Skokie, Ill.	OR-6-4948
Ohio	Ampex Computer Products Co	333 W. First St., Dayton 2, Ohio	BA 8-2255
Pa	Ampex Computer Products Co	947 Old York Rd. Abington	TU 7-0616
	AMPEX INSTRUMENTATION PRODUCTS CO	**934 Charter St. Redwood City, Cal**	**EM9-7111**
	P Weber #275 *1952 G 1435		
Cal	Ampex Instr Prods Co	8467 Beverly Blvd. LA	OL3-1610
Cal	Ampex Instr Prods Co	331 Town & Country Village, Palo Alto	DA6-2797
DC	Ampex Instr Prods Co	Universal Bldg. Washington 9	DE2-0300
Ga	Ampex Instr Prods Co	359 E Paces Ferry Rd. Atlanta	CE3-5476
Ill	Ampex Instr Prods Co	212 W St Charles, Villa Park	TE3-7050
NJ	Ampex Instr Prods Co	22 S Park St. Montclair	PI6-4400
Ohio	Ampex Instr Prods Co	333 W 1st St. Dayton 2	BA8-5117
Tex	Ampex Instr Prods Co	2626 W Mockingbird Ln, Dallas	FL7-0119
Can	Ampex Instr Prods Co	77 Metcalfe St. Ottawa, Ont	CE6-9763
	AMPEX MAGNETIC TAPE PRODS./ ORR INDUSTRIES CO	**Box 190, Opelika, Ala**	**SH5-7643**
	C Donahue Jr #9 *285 G 1760		
Ala	R Phillips Audio Sales	3224 Peachtree Rd. NE. Atlanta 5, Ga	CE7-5491
Alas	R Drake & Assoc	1817 Neman, Seattle, Wash	EA3-8545
Ariz	Ampex Magnetic Tape Prods	1715 E. Walnut St. Pasadena, Cal	MU1-3515
Ark	W R Hays Co	3416 Rosedale, Dallas, Tex	EM3-2021
Ark	D Bellew Co	314 Melrose, El Dorado	UN3-8325
Cal	Farrow & Dobbs	20243 Pierce Rd. Saratoga	
Cal	Ampex Magnetic Tape Prods	1715 E. Walnut St. Pasadena	MU1-3515
Cal	J S Heaton Co	413 Lathrop St. Redwood City	EM9-5278
Colo	Ampex Magnetic Tape Prods	1715 E. Walnut St. Pasadena, Cal	MU1-3515
Conn	Harold A Chamberlin	Civilian Air Terminal, Bedford, Mass	CR4-0044
Del	Stinson-Platt Co	2124 Darby Rd. Havertown, Pa	SU9-7111
DC	Stinson-Platt Co	2124 Darby Rd. Havertown, Pa	SU9-7111
Fla	Ampex Magnetic Tape Prods	359 E. Paces Rd. NE. Atlanta 5, Ga	CE7-0584
Ga	R Phillips Audio Sales	3224 Peachtree Rd. NE. Atlanta 5	CE7-5491
Idah	Applied Eng. Prods. Co	Felt Bldg. Salt Lake City, Utah	EM4-4942
Ill	J J McBride Sales	328 E. Burlington St, Riverside, Ill	HI7-8131
Ill	Herbert W Kraggs	7503 Melba Ln, Belleville, Ill	EX7-2398
Ind	J J Clancy Co	P.O. Box 269, Angola, Ind	793
Ind	Bernie Clancy	5750 N. Ewing, Indianapolis, Ind	CL1-7659
Iowa	Herbert W Kraggs	7503 Melba Ln, Belleville, Ill	EX7-2398
Kan	Herbert W Kraggs	7503 Melba Ln, Belleville, Ill	EX7-2398
Ky	Bernie Clancy	5750 N. Ewing, Indianapolis, Ind	CL1-7659
Ky	C L Pugh Co	2144 Riverside Dr, Columbus 21, Ohio	HU8-4855
La	D Bellew Co	314 Melrose, El Dorado, Ark	UN3-8325
La	W R Hays Co	3416 Rosedale, Dallas, Tex	EM3-2021
Me	Harold A Chamberlin	Civilian Air Terminal, Bedford, Mass	CR4-0044
Md	Stinson-Platt Co	2124 Darby Rd. Havertown, Pa	SU9-7111
Mass	Harold A Chamberlin	Civilian Air Terminal, Bedford, Mass	CR4-0044
Mich	Burchart & Rattsburg Assoc. Inc	8715 E. Jefferson Ave. Detroit 14	
Minn	Forrest Carlsen	Rt 1, Mound, Minn	GR2-2271
Miss	D Bellew Co	314 Melrose, El Dorado, Ark	UN3-8325
Mo	Herbert W Kraggs	7503 Melba Ln, Belleville, Ill	EX7-2398
Mont	Applied Eng. Prods. Co	Felt Bldg. Salt Lake City, Utah	EM4-4942
Neb	Herbert W Kraggs	7503 Melba Ln, Belleville, Ill	EX7-2398
Nev	Farrow & Dobbs	20243 Pierce Rd. Saratoga, Cal	
Nev	Applied Eng. Prods. Co	Felt Bldg. Salt Lake City, Utah	EM4-4942
Nev	J S Heaton Co	413 Lathrop St. Redwood City, Cal	EM9-5278

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NH	Harold A Chamberlin	Civilian Air Terminal, Bedford, Mass	CR4-0044
NJ	Kaelber & Mack	1 Park Ave, Manhasset, NY	MA7-6620
NJ	Stinson-Platt Co	2124 Darby Rd. Havertown, Pa	SU9-7111
NM	Ampex Magnetic Tape Prods	1715 E. Walnut St. Pasadena, Cal	MU1-3515
NY	R W Mitscher Co	487 Ellicott Square Bldg., Buffalo 3, NY	WA2517
NY	Kaelber & Mack	1 Park Ave, Manhasset, NY	MA7-6620
NY	Harold A Chamberlin	Civilian Air Terminal, Bedford, Mass	CR4-0044
NC	G F Schiffer & Co	Box 6365, Greensboro	BR3-5578
ND	Forrest Carlsen	Rt 1, Mound, Minn	GR2-2271
Ohio	C L Pugh Co	2144 Riverside Dr, Columbus 21, Ohio	HU8-4855
Okla	W R Hays Co	3416 Rosedale, Dallas, Tex	EM3-2021
Ore	R Drake & Assoc	1817 Neman, Seattle, Wash	EA3-8545
Pa	Bail & Whitaker	3673 Jacksonwald Ave, Reading, Pa	FR5-6837
Pa	C L Pugh Co	2144 Riverside Dr, Columbus 21, Ohio	HU8-4855
Pa	John T Stinson Co	2124 Darby Rd, Havertown, Pa	HI7-0922
Pa	Stinson-Platt Co	2124 Darby Rd. Havertown	SU9-7111
RI	Harold A Chamberlin	Civilian Air Terminal, Bedford, Mass	CR4-0044
SC	G F Schiffer & Co	Box 6365, Greensboro, NC	BR3-5578
SD	Forrest Carlsen	Rt 1, Mound, Minn	GR2-2271
Tenn	D Bellew Co	314 Melrose, El Dorado, Ark	UN5-6037
Tenn	R Phillips Audio Sales	3224 Peachtree Rd. NE. Atlanta 5, Ga	CE7-5491
Tex	W R Hays Co	3416 Rosedale, Dallas, Tex	EM3-2021
Tex	Ampex Magnetic Tape Prods	1715 E. Walnut St. Pasadena, Cal	MU1-3515
Utah	Applied Eng. Prods. Co	Felt Bldg. Salt Lake City	EM4-4942
Vt	Harold A Chamberlin	Civilian Air Terminal, Bedford, Mass	CR4-0044
Va	Stinson-Platt Co	2124 Darby Rd. Havertown, Pa	SU9-7111
Wash	R Drake & Assoc	1817 Neman, Seattle	EA3-8545
W. Va	C L Pugh Co	2144 Riverside Dr, Columbus 21, Ohio	HU8-4855
Wisc	J J McBride Sales	328 E. Burlington St, Riverside, Ill	HI7-8131
Wisc	Forrest Carlsen	Rt 1, Mound, Minn	GR2-2271
Wyo	Applied Eng. Prods. Co	Felt Bldg. Salt Lake City, Utah	EM4-4942
Wyo	Ampex Magnetic Tape Prods	1715 E. Walnut St. Pasadena, Cal	MU1-3515
Canada	Atlas Radio Corp Ltd	50 Wingold Ave, Toronto 19, Ontario, Can	RU1-6174
Foreign	Morhan Exporting Corp	458 Broadway, New York, NY	WA5-1257
	AMPHENOL-BORG ELECTRONICS CORP. PACKAGED ELECTRONICS DIV.	**2863 S 25th Ave. Broadview, Ill**	**ES8-4485**
	D Sayles #8 *55 280		
Cal	Tech-Ser, Inc	640 Donohoe St. Palo Alto	DA5-3251
Cal	Tech-Ser, Inc	Box 6544, San Diego 6	AC2-1121
Cal	Tech-Ser, Inc	3540 Wilshire Blvd. Los Angeles	DU5-1765
Colo	R G Bowen Co	721 S Broadway, Denver	RA2-4641
Ill	Bard Assoc	328 Selbourne Rd. Riverside	HI7-7555
Ind	Leslie M DeVoe Co	4010 Washington Blvd. Indianapolis	AT3-1395
La	Jack F McKinney Sales Co	1102 Fairway, Kenner	KE4-5869
Mass	R M Purinton, Inc	11 Muzzey St. Lexington 73	WE9-6727
Minn	Fred B Hill Co	6110 Excelsior Blvd. Minneapolis 16	WE9-6727
NJ	L & M Assoc	511 Victor St. Saddle Brook	DI3-3070
NM	R E McClendon Co	915 Yale Blvd. SE, Albuquerque	CH3-4551
NY	H C Johnson Agencies, Inc	111 Mt Hope Ave. Rochester 20	HA6-1090
NY	H C Johnson Agencies, Inc	9 Ivan La. Binghamton	RA3-5809
NY	H C Johnson Agencies, Inc	422 Niagara Falls Blvd. Buffalo 22	TF2-4591
NY	L & M Assoc	Box 51, Centuck Sta. Yonkers	WO1-5566
NY	L & M Assoc	143-33 Sanford Ave. Flushing 55	HI5-0103
NY	H C Johnson Agencies, Inc	4045 E Genesee St. Fayetteville	NE7-9383
NY	H C Johnson Agencies, Inc	Box 89, Brandywine Sta. Schenectady	FR4-5901
Okla	Jack F McKinney Sales Co	8412 E 32nd St. Tulsa 35	TE5-4730
Pa	L & M Assoc	483 W Clapier St. Philadelphia	GE8-5666
Tex	Jack F McKinney Sales Co	Box 3126, Houston 36	MO5-3653
Tex	Jack F McKinney Sales Co	1303 Chemical St. Dallas 7	RI1-1368
Utah	R G Bowen Co. Inc	463 E 3rd, S, Salt Lake City 11	EM3-4528
•	**AMPHENOL CONNECTOR DIV. AMPHENOL-BORG ELECTRONICS CORP.**	**1830 S 54 Ave. Chicago 50, Ill**	**BI2-1000**
	N Spangler #69 *2,000 G 345		
	AMPHENOL EASTERN CONNECTOR DIV. AMPHENOL-BORG ELECTRONICS CORP.	**Fairlawn Ind Pk. Fairlawn, NJ**	**SW1-0303**
	H Brontsema		
DC	Amphenol Eastern Connector Div	725 15th St. NW, Washington 5	EX3-2205
Ga	Hollingsworth & Still	508 Whitehead Bldg. Atlanta 3	MU8-5878
Mass	Richard Purinton, Inc	11 Muzzey St. Lexington 73	VO2-8300
NJ	Bosnecke Assoc	5505 Westfield Ave. Camden	NO2-8650
NY	Amphenol Eastern Connector Div	474 S Salina St. Syracuse 2	HA2-4141
NY	Amphenol Eastern Connector Div	310 Northern Blvd. Great Neck	
NC	Amphenol Eastern Connector Div	200 S Greene St. Greensboro	BR4-0057
	AMPHENOL MIDWEST CONNECTOR DIV. AMPHENOL-BORG ELECTRONICS CORP.	**2837 S 25 Ave. Broadview, Ill**	
	C Mikl		
Ind	Leslie M DeVoe Co	4010 Washington Blvd. Indianapolis 5	AT3-1395
Mich	R C Nordstrom & Co	Briggs Bldg. Birmingham	[illegible]4-6129
Minn	Fred B Hill Co	6110 Excelsior Blvd. Minneapolis 16	WE9-6727
Mo	H A Roes & Co	2601 Cherry St. Kansas City 8	BA1-0866
Mo	John N McCune Co	Box 16, Florissant	TE7-3188
NM	R E McClendon Co., The	915 Yale Blvd. SE, Albuquerque	CH3-4551
Ohio	Amphenol Midwestern Connector Div	20800 Center Ridge Rd. Cleveland 16	ED1-9100
Tex	Jack F McKinney Sales Co	1303 Chemical St. Dallas 7	RI1-1368
	AMPHENOL WESTERN DIV. AMPHENOL-BORG ELECTRONICS CORP.	**9201 Independence Ave. Chatsworth, Cal**	**DI1-0710**
	J Keys		
Cal	Amphenol Western Connector Div	5425 Reseda Blvd. Tarzana	DI5-6810
Cal	Amphenol Western Connector Div	5154 Lincoln St. La Mesa	HO3-9331
Cal	Amphenol Western Connector Div	1140 El Camino Real, San Carlos	LY1-2[illegible]
Colo	R G Bowen Co. Inc	721 S Broadway, Denver 9	RA2-4641
Haw	Jim Hardin Sales Co	215 Cook St. Honolulu	511-755
Ore	Don H Burcham Co	510 NW 19th Ave. Portland 9	CA6-4141
Wash	Amphenol Western Connector Div	Smith Towers Bldg. Seattle	MA4-1446
	AMPLIFIER CORP OF AMERICA	**396 Broadway, New York 13, NY**	**WO6-2929**
	A Gillette #4 *25 D 460-680-895-1340-1435-1455-1750-1855		
	AMPLIVOX LTD	**Beresford Ave, Wembley, Middx, England**	**WE8591**
	J Sinclair 325-555-805-895-910-1130-1705		
	AMPOWER CORP	**50 Broad St. New York 4, NY**	**WH4-6975**
	H Coffey #5 *12 1190-1295		

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	AMSTERDAM CONTINENTAL TYPES & GRAPH EQUIPMENT INC	**276 Park Ave, S., New York 10, NY**	**SP7-4900**
	#1 *20 D 200		
Cal	Amsterdam Continental	3319 W. Magnolia Blvd. Burbank	
	AMTRON CORP	**17 Felton St, Waltham, Mass**	**TW4-5020**
	R Brayley #1 *4 A 325-1135-1425-1870		
	ANACONDA ALUMINUM CO	**1430 S. 13 St, Louisville 1, Ky**	**ME5-6311**
	D Tennechill *1700 G 1125		
Cal	Anaconda Aluminum Co	2737 Supply Ave, Los Angeles 22, Cal	OV5-7801
Ga	Anaconda Aluminum Co	3330 Peachtree Rd NW, Atlanta 5, Ga	233-0498
Ill	Anaconda Aluminum Co	Old Orchard Profsn Bldg, Skokie, Ill	OR6-2921
Mass	Anaconda Aluminum Co	301 First Ave, Needham Hgts, Mass	HI4-9104
Mo	Anaconda Aluminum Co	10 S. Brentwood Blvd, St. Louis 5, Mo	PA1-0093
NY	Anaconda Aluminum Co	680 Fifth Ave, New York 19, NY	CI7-2304
Ohio	Anaconda Aluminum Co	19129 Hilliard Rd, Rocky River, Ohio	ED1-5064
Tex	Anaconda Aluminum Co	Meadows Bldg, Dallas 6, Tex	EM8-6448
	ANACONDA AMERICAN BRASS CO	**414 Meadow St, Waterbury 20, Conn**	**PL4-1121**
	E Tracy 615-770-1120-1125-1135-1290-1575-1780-1875-1885-1940-1960		
Ala	Anaconda American Brass Co	712 W. Peachtree St. NW, Atlanta 8, Ga	TR5-9291
Alas	Anaconda American Brass Co	1311 Tower Bldg. Seattle 1, Wash	MA3-2565
Ariz	Anaconda American Brass Co	14900 Garfield Ave. Paramount, Cal	NE6-0321
Ark	Anaconda American Brass Co	5531 E. University Blvd. Dallas, Tex	EM8-6311
Ark	Anaconda American Brass Co	1221 Locust St. St. Louis 3, Mo	CH1-1155
Cal	Anaconda American Brass Co	14900 Garfield Ave. Paramount	NE6-0321
Cal	Anaconda American Brass Co	360 - 22nd St. Oakland 12	TE4-1990
Colo	Anaconda American Brass Co	2393 S. Del. St. Denver 23	SP7-3008
Del	Anaconda American Brass Co	111 W. Norris St. Phila 22, Pa	NE4-7700
Del	Anaconda American Brass Co	1511 K St. NW, Washington, DC	EX3-5867
DC	Anaconda American Brass Co	1511 K St. NW, Washington 5	EX3-5867
Fla	Anaconda American Brass Co	712 W. Peachtree St. NW, Atlanta 8, Ga	TR5-9291
Ga	Anaconda American Brass Co	712 W. Peachtree St. NW, Atlanta 8	TR5-9291
Haw	Anaconda American Brass Co	14900 Garfield Ave. Paramount, Cal	NE6-0321
Idah	Anaconda American Brass Co	1311 Tower Bldg. Seattle 1, Wash	MA3-2565
Ill	Anaconda American Brass Co	4501 W. N. Ave. Chicago 39	BE5-1000
Ind	Anaconda American Brass Co	101 W 4th St. Cinc. 2, Ohio	GA1-9050
Iowa	Anaconda American Brass Co	1st Ave. Bldg. Cedar Rapids	EM4-2465
Kan	Anaconda American Brass Co	106 W. 14th St. KC 5	VI2-7388
Ky	Anaconda American Brass Co	101 W. 4th St. Cinc. 2, Ohio	GA1-9050
Ky	Anaconda American Brass Co	1221 Locust St. St. Louis 3, Mo	CH1-1155
La	Anaconda American Brass Co	390 Commerce Pk. Dr. Jackson, Miss	EM2-4431
Me	Anaconda American Brass Co	824 Boylston St. Chestnut Hill 67, Mass	AS7-2512
Md	Anaconda American Brass Co	1511 K St. NW, Washington 5, DC	EX3-5867
Mass	Anaconda American Brass Co	824 Boylston St. Chestnut Hill 67	AS7-2512
Mass	Anaconda American Brass Co	200 Chestnut St. Providence 3, RI	GA1-2180
Mich	Anaconda American Brass Co	174 S Clark Ave. Detroit	TA5-3900
Mich	Anaconda American Brass Co	1033 W. Bruce St. Milwaukee 4, Wisc	MI5-4775
Minn	Anaconda American Brass Co	7325 Wayzata Blvd. Mpls 26	LI5-0496
Miss	Anaconda American Brass Co	390 Commerce Pk. Dr. Jackson	EM2-4431
Mo	Anaconda American Brass Co	1221 Locust St. St. Louis 3	CH1-1155
Mo	Anaconda American Brass Co	106 W. 14th St. KC	VI2-7388
Mont	Anaconda American Brass Co	2393 S. Del. St. Denver 23, Colo	SP7-3008
Neb	Anaconda American Brass Co	2393 S. Del. St. Denver 23, Colo	SP7-3008
Nev	Anaconda American Brass Co	14900 Garfield Ave. Paramount, Cal	NE6-0321
Nev	Anaconda American Brass Co	360 - 22nd St. Oakland 12, Cal	TE4-1990
NH	Anaconda American Brass Co	824 Boylston St. Chestnut Hill 67, Mass	AS7-2512
NJ	Anaconda American Brass Co	110 Halsted St. E. Orange	OR5-6060
NJ	Anaconda American Brass Co	111 W. Norris St. Phila. 22, Pa	NE4-7700
NM	Anaconda American Brass Co	2393 S. Del. St. Denver 23, Colo	SP7-3008
NY	Anaconda American Brass Co	99 Park Ave. NY 16	OX7-1166
NC	Anaconda American Brass Co	606 Liberty Life Bldg. Charlotte 2	FR5-2566
ND	Anaconda American Brass Co	7325 Wayzata Blvd. Mpls. 26, Minn	LI5-0496
Ohio	Anaconda American Brass Co	2200 W. 117th St. Cleve	CL1-1105
Ohio	Anaconda American Brass Co	395 E. Broad St. Columbus	CA1-5771
Okla	Anaconda American Brass Co	5531 E. University Blvd. Dallas, Tex	EM8-6311
Ore	Anaconda American Brass Co	1311 Tower Bldg. Seattle 1, Wash	MA3-2565
Pa	Anaconda American Brass Co	111 W. Norris St. Phila. 22	NE4-7700
RI	Anaconda American Brass Co	200 Chestnut St. Providence 3	GA1-2180
SC	Anaconda American Brass Co	606 Liberty Life Bldg. Charlotte 2, NC	FR5-2566
SD	Anaconda American Brass Co	7325 Wayzata Blvd. Mpls. 26, Minn	LI5-0496
Tenn	Anaconda American Brass Co	101 W. 4th St. Cinc. 2, Ohio	GA1-9050
Tex	Anaconda American Brass Co	4215 Richmond Ave. Houston 27	MO6-1595
Tex	Anaconda American Brass Co	5521 E. Univ. Blvd. Dallas 25	EM8-6311
Utah	Anaconda American Brass Co	2393 S. Del. St. Denver 23, Colo	SP7-3008
Vt	Anaconda American Brass Co	179 Water St. Torrington, Conn	HU9-3161
Va	Anaconda American Brass Co	1511 K St. NW, Washington, DC	EX3-5867
Va	Anaconda American Brass Co	101 W. 4th St. Cinc. 2, Ohio	GA1-9050
Wash	Anaconda American Brass Co	1311 Tower Bldg. Seattle 1	MA3-2565
W Va	Anaconda American Brass Co	101 W. 4th St. Cinc. 2, Ohio	GA1-9050
Wis	Anaconda American Brass Co	1033 W. Bruce St. Milwaukee 4	MI5-4775
Wyo	Anaconda American Brass Co	2393 S. Delaware St. Denver 23, Colo	SP7-3008
	ANACONDA WIRE & CABLE CO	**25 Broadway, New York 4, NY**	**HA2-6300**
	J Tisdale 190-1960		
Ala	Bryn W Waters	2026 Second Ave, N., Birmingham 3	FA3-5217
Ariz	D Owen Nicholson	2727 N Central Ave. Phoenix 4	AM4-0581
Cal	A W Tracy	816 W 5th St. Los Angeles 17	MA6-2371
Cal	W K Gaylord	1255 Post St. San Francisco 9	PR6-4111
Colo	Kenneth G Eaton	706 Rwy Exchange Bldg. Denver 2	AC2-0616
Conn	R A Westcott	2315 Whitney Ave, New Haven, Conn	CH8-6391
DC	Richard Kellogg	423 Investment Bldg, Washington 5, DC	EX3-5867
Fla	J H Saunders	2909 Bay to Bay Blvd. Tampa 9	8-4381
Ga	M J Black	1214 Rhodes-Haverty Bldg. Atlanta 3	525-2062
Ill	Ernest B Miller Jr	20 N. Wacker Dr, Chicago 6, Ill	FR2-5200
Ind	Kevin J Stanley	720 Circle Tower, Indianapolis 4, Ind	ME8-3484
Iowa	William Code	817 Fleming Bldg. DesMoines 9, Iowa	AT8-8536
La	N L Pollard	240 Caribe Bldg. New Orleans 19	522-2731
Mass	D F O'Leary	824 Boylston St. Boston 67	LO6-4268
Mich	William Olsen	621 New Center Bldg, Detroit 2, Mich	TR2-2800
Minn	James R Vigdal	821 Marquette Ave, Minneapolis 2, Minn	FE9-7654
Mo	Dean Roberts	1705 Continental Bldg. St Louis 8	JE1-0505
Mo	William Carter	106 W. 14 St, Kansas City 5, Mo	VI2-4444
NJ	Henry Johnson	10 Commerce Ct, Newark 2, NJ	MA3-6054-5-6
NY	Edward Ryan	360 Lexington Ave, New York 17, NY	MU7-9339
NY	Morse E Gallsett	Syracuse Kemper Bldg, Syracuse 2, NY	HA2-0391
NC	Jackson B West	213 Wilder Bldg, Charlotte 2, NC	FR6-3611-2-3-4

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ohio	R J Sullivan	75 Public Sq. Cleveland 13	CH1-2827
Ohio	Chapman C Brown	3093-05 Carew Tower, Cincinnati 2, Ohio	MA1-3216
Okla	A L Jordan	1107 Philtower, Tulsa 3, Okla	LU4-3666
Pa	E J I Davies	1616 Walnut St. Bldg. Philadelphia 3	PE5-8118
Pa	W J Veenis	776 Bldg No 1, Gateway Ctr, Pittsburgh	AT1-4260
Tex	Robert T Steels Jr	1201 Fidelity Union Life Bldg, Dallas	RI8-1281
Tex	John N Ratcliff Jr	639 Texas Natl Bank Bldg, Houston	CA8-2375
Utah	Edward S McGlone Jr	405 S. Main St, Salt Lake City 11, Utah	DA8-0616
Wash	Harold M Wenzel	810 Tower Bldg. Seattle 1	MA3-4686
W. Va	Andrew C Overpeck Jr	503 Peoples Bldg, Charleston 1	DI3-5527-8
Wisc	H F Jensen	2040 W. Wisconsin Ave, Milwaukee 3	DI2-5095
•	**ANADEX INSTRUMENTS INC**	**14734 Arminta St, Van Nuys, Cal**	**ST8-7911**
	W Caldwell #3 *11 B 330-895		
Ala	Col-Ins-Co	5728 Precision Dr, Orlando, Fla	CH1-1501
Cal	A C Catland & Co	4645 Van Nuys Blvd, Sherman Oaks, Cal	ST9-0243
Colo	Proctor Instruments Co	3128 S. Winston, Tulsa, Okla	RI7-0525
Conn	The Creek Corp	Lumber Rd, Roslyn, NY	MA1-7411
Fla	Col-Ins-Co	5728 Precision Dr, Orlando, Fla	CH1-1501
Ga	Col-Ins-Co	5728 Precision Dr, Orlando, Fla	CH1-1501
Kan	Proctor Instruments Co	3128 S. Winston, Tulsa, Okla	RI7-0525
La	Proctor Instruments Co	3128 S. Winston, Tulsa, Okla	RI7-0525
Miss	Col-Ins-Co	5728 Precision Dr, Orlando, Fla	CH1-1501
Mo	Proctor Instruments Co	3128 S. Winston, Tulsa, Okla	RI7-0525
NJ	The Creek Corp	Lumber Rd, Roslyn, NY	MA1-7411
NM	Proctor Instruments Co	3128 S. Winston, Tulsa, Okla	RI7-0525
NY	The Creek Corp	Lumber Rd, Roslyn, NY	MA1-7411
NC	Col-Ins-Co	5728 Precision Dr, Orlando, Fla	CH1-1501
Okla	Proctor Instruments Co	3128 S. Winston, Tulsa	RI7-0525
Pa	The Creek Corp	Lumber Rd, Roslyn, NY	MA1-7411
SC	Col-Ins-Co	5728 Precision Dr, Orlando, Fla	CH1-1501
Tenn	Col-Ins-Co	5728 Precision Dr, Orlando, Fla	CH1-1501
Tex	Proctor Instruments Co	3128 S. Winston, Tulsa, Okla	RI7-0525
	ANADITE INC	**10647 Garfield Ave, South Gate, Cal**	**SP3-2410**
	R Cunningham #15 *400 E 315		
Ariz	Anadite, Inc	3832 E 37th St, Tucson	EA7-6851
Tex	Anadite Inc	W Hurst Rd, Hurst	
	ANALAB INSTRUMENT CORP	**30 Canfield Rd, Cedar Grove, NJ**	**CE9-6500**
	M Scherago #8 *30 D 895		
Cal	V T Rupp Co	307 Parkman Ave, Los Angeles,	DU7-8224
Cal	V T Rupp Co	1182 Los Altos Ave, Los Altos,	WH8-1483
Cal	V T Rupp Co	3445 5th Ave, San Diego,	CY8-[illegible]
Colo	Hytronic Measurements Inc	1295 S. Bannock St, Denver,	PE3-37[illegible]
Conn	Instrument Assoc Inc	734 Asylum Ave, Hartford,	CH6-5[illegible]
Ga	E G Holmes & Assoc	4955 Roswell NE, Atlanta, Ga	BL5-[illegible]
Ill	Ridgway Associates	6105 W North Ave, Chicago, Ill	TU9-5715
Ind	Ridgway Assoc	1224 N. Capitol, Indianapolis,	ME5-2[illegible]
Kan	Lee Mark Assoc	Box [illegible], Kansas City,	NI2-3313
Md	Gawler-Knoop Co	807 E Seminary Ave, Towson, Md	EN9-3151
Md	Gawler Knoop Co	8730 Flower Ave, Silver Spring	JU5-75[illegible]
Mass	Instrument Assoc Inc	30 Park Ave, Arlington,	MI3-2922
Mich	Ridgway Assoc	3390 Twelve Mile Rd, Berkley, Mich	LI6-3312
Mo	Lee Mark Assoc	2001 Big Bend Blvd, St. Louis,	MI7-1470
NJ	Gawler-Knoop Co., Inc	178 Eagle Rock Ave, Roseland,	CA6-4545
NM	V T Rupp Co	1437 San Mateo Blvd, N.E., Albuquerque,	AL6-0798
NY	Naco Electronics Corp	74 Park Ave, Rochester, NY	GR3-4169
NY	Naco Electronics Corp	261 Genesee St, Utica, NY	RE2-3151
NY	Naco Electronics Corp	119 Luther Ave, Liverpool, NY	GR4-7481
NC	E G Holmes & Assoc	440 W Market St, Greensboro	BR2-0855
Ohio	Ridgway Associates	5915 Schaaf Rd, Cleveland, Ohio	LA4-1421
Ohio	Ridgway Associates	3981 Linden Ave, Dayton, Ohio	CL2-5604
Ore	Burt C Porter Co	P.O. Box 7854, Portland, Ore	AT4-1718
Pa	Gawler-Knoop Co., Inc	835 Glenside Ave, Wyncote,	WA7-1120
Tex	Dammeller-Smith Co	6213-B Westheimer, Houston, Tex	MO2-7350
Tex	Dammeller-Smith Co	2712 Mockingbird Lane, Dallas, Tex	FL7-8249
Utah	Hytronic Measurements, Inc	2022 S Main St, Salt Lake City, Utah	IN6-4924
Wash	Burt C Porter Co	1208 Poplar Pl., Seattle, Wash	EA3-833[illegible]
For	Frathom Co., Inc	33 W 42nd St, NYC, NY	BR9-9422
Can	Radionics Ltd	8230 Mayrand St, Montreal, PQ	RE9-5517
	ANALOGUE CONTROLS INC	**200 Frank Rd, Hicksville, NY**	**OV1-7300**
	R Zupa #6 *135 E 330-1330		
Alas	Frathom Co. Inc	33 W. 42nd St. NY 36, NY	BR9-9422
Cal	BELSCO	Box 907, Palo Alto	DA1-8501
Cal	H Gee Assoc	5338 Sepulveda Blvd. Culver City	EX1-5515
Colo	EMF Assoc	1357 Harlan St. Denver	SU9-9592
Conn	Bradley Assoc	9 Dash Pl. NY 63, NY	KI9-8500
Conn	P-J Eng. Sales	Box 212, Watertown, Mass	WA4-5950
Fla	A L Faulconer	1080 St. N. Naples	MI2-5860
Haw	Frathom Co. Inc	33 W. 42nd St. NY 36, NY	BR9-9422
Ill	PGM Component Sales Corp	2842 N. Sheridan Rd. Chicago 14	BU1-2112
Ind	PGM Component Sales Corp	2842 N. Sheridan Rd. Chicago 14, Ill	BU1-2112
Iowa	PGM Component Sales Corp	2842 N. Sheridan Rd. Chicago 14, Ill	BU1-2112
Kan	J Giordano	817 Gerald Ave. St. Louis 35, Mo	
Me	P-J Eng. Sales Co. Inc	Box 212, Watertown, Mass	WA4-5950
Mass	P-J Eng. Sales Co. Inc	Box 212, Watertown	WA4-5950
Minn	Bill Bartleson Co	330 Oak Grove, Minneapolis 3	FE3-6709
Mo	J Giordano	817 Gerald Ave. St. Louis 35	
Nev	BELSCO	Box 907, Palo Alto, Cal	DA1-8501
NH	P-J Eng. Sales Co. Inc	Box 212, Watertown, Mass	WA4-5950
NJ	Bradley Assoc	9 Dash Pl. NY 63, NY	KI9-8500
NM	EMF Assoc	1357 Harlan St. Denver, Colo	SU9-9592
NY	Bradley Assoc	9 Dash Pl. NY 63	KI9-8500
ND	Bill Bartleson Co	330 Oak Gr, Minneapolis 3, Minn	FE3-6709
Ohio	Components Engineering Co	7461 N. Linden La, Cleveland 30, Ohio	VI1-4757
Pa	Components Engineering Co	7461 N. Linden La, Cleveland 30, Ohio	VI2-2737
RI	P-J Eng. Sales Co. Inc	Box 212, Watertown, Mass	WA4-5950
SD	Bill Bartleson Co	330 Oak Gr, Minneapolis 3, Minn	FE3-6709
Utah	EMF Assoc	1357 Harlan St. Denver, Colo	SU9-9592
Vt	P-J Eng. Sales Co. Inc	Box 212, Watertown, Mass	WA4-5950
Wisc	E A Dickmann & Associates	4117 N. Green Bay Ave, Milwaukee	CO4-1080
Foreign	Frathom Co	33 W. 42nd St, New York 36, NY	BR9-9422
Japan	Technical Factors, Ltd	P.O. Box 1288, Tokyo, Japan	GI57-3665
	ANALYTICAL MEASUREMENTS INC	**585 Main St, Chatham, NJ**	**ME5-7474**
	F Pauly #1 *12 B 895		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	ANCHOR INDUSTRIAL CO DIV ANCHOR PLASTICS CO., INC	**36-36 36 St, Long Island City 6, NY**	**RA9-1494**
	#2 *125 E 1290		
Cal	W S Harmon Co	121 N. Robertson Blvd, Beverly Hills	OL5-6340
Fla	Mace Associates	1143 Mary St, Jacksonville, Fla	FL9-4931
Ill	Arnold Leff Assoc	1046 Wilson Ave, Chicago 40, Ill	LO1-6831
Ind	Ray Stoltenberg	2515 Marcy Ln, Ft. Wayne, Ind	KE4453
Mich	Jack Frank	18303 Muirland, Detroit 21, Mich	UN4-4797
Minn	B E Swenson Co	1538 Nicollet Ave, Minneapolis 3, Minn	FE5-2455
NY	Al & John Statler	1807 Elmwood Ave, Buffalo 7, NY	DE6435
NC	Manufacturers Sales Co	P.O. Box 147, Greensboro, NC	BR4-1401
Ohio	C B Miller Co	P.O.Box 66, Cincinnati, Ohio	LO1-7449
	ANCHOR METAL CO., THE	**966 Meeker Ave, Brooklyn 22, NY**	**ST2-7090**
	H Drapkin #1 *26 700-1120-1125-1350-1960		
Cal	Chafin & Associates	1541 W. Olympic Blvd, Los Angeles 15, Cal	
Mass	L K Ingber	41 Cross St, West Newton	
NY	D L Wilbur	572 Oakwood Ave, Syracuse, NY	
Wisc	D Hale Damold	914 Kentucky St, Racine, Wisc	
	ANCHOR PLATING & TINTING CO., INC	**1734 N. Tyler Ave, South El Monte, Cal**	
	1305		
	ANCHOR SPECIALTY MFG CO., INC	**300 Hollister Rd, Teterboro, NJ**	**AT8-1939**
	W Zablocky #2 A 25-95-180-250-300-675-795-895-920-1075-1120-1390-1810		
	ANDERS ELECTRONICS INC	**30 Brook Rd, Needham Heights 94, Mass**	**HI4-6990**
	A Anderson #3 *40 C 250-365-915-1340		
Ariz	Mossman-Pacific Co	776 W Front St, Covina, Cal	ED1-2223
Cal	Mossman-Pacific Co	776 W Front St, Covina	ED1-2223
Conn	Hatch-Hutchinson Assoc	Box 12, Manchester	MI3-0863
DC	Emlen Peterson Co	King of Prussia Rd. Radnor, Pa	MU8-0151
Fla	A A Price & Sons	2317½ S St, Orlando	GA4-0921
Me	Hatch-Hutchinson Assoc	19 Kearney Rd, Needham Hts 94, Mass	HI4-1259
Mass	Hatch-Hutchinson Assoc	19 Kearney Rd, Needham Hts 94	HI4-1259
Mich	Tiby Co, The	8701 Fenkell Ave, Detroit 38	TE4-9211
NH	Hatch-Hutchinson Assoc	19 Kearney Rd, Needham Hts 94, Mass	HI4-1259
NJ	Symon Assoc	550 5th Ave, NY 36, NY	JU6-7771
NY	Symon Assoc	550 5th Ave, NY 36	JU6-7771
Ohio	Tiby Co, The	2245 Warrensville Ctr Rd, Cleveland 18	ER1-5335
Pa	Emlen Peterson Co	King of Prussia Rd. Radnor	MU8-0151
RI	Hatch-Hutchinson Assoc	19 Kearney Rd, Needham Hts 94, Mass	HI4-1259
Tex	Texas Avionics Co	4515 Prentice St, Dallas 6	
Vt	Hatch-Hutchinson Assoc	19 Kearney Rd, Needham Hts 94, Mass	HI4-1259
•	**ANDERSEN LABORATORIES INC**	**501 New Park Ave, W. Hartford, Conn**	**AD6-1281**
	H Stewart #12 *97 E 330-360-450-895-1425-1915		
Ariz	Southwest Machine Tool Co	P.O. Box 13626, Phoenix, Ariz	AL3-4197
Ark	V J Sykes Assoc	Box 35012, Dallas 35, Tex	FL2-6943
Conn	Andersen Lab. Inc	501 New Park Ave. W. Hartford	AD6-1281
Ill	Dave Hauston Co	607 E. Willow Ave. Wheaton	MO8-7312
Ind	Electro-Rep	22519 Telegraph Rd, Detroit, Mich	EL6-7211
Iowa	Dave Hauston Co	607 E. Willow Ave. Wheaton, Ill	MO8-7312
La	Victor J Sykes Assoc	Box 35012, Dallas, Tex	FL2-6943
Mich	Electro-Rep	22519 Telegraph Rd, Detroit, Mich	EL6-7211
NM	Southwest Machine Tool Corp	8807 Cordova Ave. NE. Albuquerque	AS9-1351
NY	James L Semple	21 Edgewater Ln, Rochester 17, NY	FI2-1413
Ohio	Electro-Rep	22519 Telegraph Rd, Detroit, Mich	EL6-7211
Okla	Victor J Sykes Assoc	Box 35012, Dallas 35, Tex	FL2-6943
Tex	Victor J Sykes	Box 35012, Dallas 35	FL2-6943
Foreign	Ad Auriema Corp	219 E. 44th St, New York 17, NY	MU2-6755
	ANDERSON CONTROLS INC	**9959 Pacific Ave. Franklin Park, Ill**	**GL1-1210**
	A Blomberg #6 *225 E 320-1645-1855		
Ala	Lynd A Walkling	P.O. Box 3045, Atlanta 17, Ga	DR3-8346
Cal	Newman, Rudd & Ewing	915 Terminal Way, San Carlos	LY1-0309
Cal	Paul F Wiley Co	1632 Silverlake Blvd, Los Angeles 26	NO3-8028
Colo	Sales Engineers Co	211-213 Wazee Market, Denver 4, Colo	AC2-4893
Conn	C H Weber Jr	39 Benson Pl, Fairfield, Conn	CL9-5386
Del	F H Sturz Assoc	Box 39, Glenside, Pa	TU6-7727
DC	F H Sturz Assoc	Box 39, Glenside, Pa	TU6-7727
Ga	Lynd A Walkling	P.O. Box 3045, Atlanta 17, Ga	DR3-8346
Ill	Gordon Fixman Co	8160 Stanford Ave, St. Louis 24, Mo	PA5-5219
Iowa	Heimann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Kan	Gordon Fixman Co	8160 Stanford Ave, St. Louis 24, Mo	PA5-5219
Me	C H Weber Jr	39 Benson Pl, Fairfield, Conn	CL9-5386
Md	F H Sturz Assoc	Box 39, Glenside, Pa	TU6-7727
Mass	C H Weber Jr	39 Benson Pl, Fairfield, Conn	CL9-5386
Minn	Heimann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Miss	Lynd A Walkling	P.O. Box 3045, Atlanta 17, Ga	DR3-8346
Mo	Gordon Fixman Co	8160 Stanford Ave, St. Louis 24, Mo	PA5-5219
Neb	Gordon Fixman Co	8160 Stanford Ave, St. Louis 24, Mo	PA5-5219
NH	C H Weber Jr	39 Benson Pl, Fairfield, Conn	CL9-5386
NJ	W C French	36 Hampton Dr. Berkeley Hts	FA2-5350
NY	W C French	36 Hampton Dr. Berkeley Hts. NJ	FA2-5350
NY	A L Perkins	639 S. Warren St, Syracuse, NY	GR1-8828
NC	Lynd A Walkling	P.O. Box 3045, Atlanta 17, Ga	DR3-8346
ND	Heimann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Okla	T J Ray Co	P.O. Box 5417, Tulsa 4, Okla	MA6-7707
Pa	F H Sturz	Box 39, Glenside	TU6-7727
RI	C H Weber Jr	39 Benson Pl, Fairfield, Conn	CL9-5386
SC	Lynd A Walkling	P.O. Box 3045, Atlanta 17, Ga	DR3-8346
SD	Heimann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Tenn	Lynd A Walkling	P.O. Box 3045, Atlanta 17, Ga	DR3-8346
Tex	T J Ray Co	Box 5417, Tulsa, Okla	NA7-1515
Utah	Sales Engineers Co	211-213 Wazee Market, Denver 4, Colo	AC2-4893
Vt	C H Weber Jr	39 Benson Pl, Fairfield, Conn	CL9-5386
Wisc	Heimann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Wyo	Sales Engineers Co	211-213 Wazee Market, Denver 4, Colo	AC2-4893
•	**ANDERSON ELECTRONICS INC**	**1012 Chestnut Ave, Altoona, Pa**	**WI4-7148**
	W Anderson #2 *20 B 410-415-670-1385		
Ariz	P Patterson Sales Co	2223 Malcolm Ave. LA 64, Cal	GR3-8238
Cal	Logan Sales Co	150 8th St, SF 3	HE1-0692
Cal	P Patterson Sales Co	2223 Malcolm Ave. LA 64	GR3-8238
Conn	J Duncan Haw Inc	Statler Office Bldg, Boston, Mass	[illegible]
Del	D & H Sales Div	2525 N. 7th St, Harrisburg, Pa	[illegible]

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
DC	D & H Sales Div	2525 N. 7th St, Harrisburg, Pa	CE6-8001
Fla	J Geartner Co	235 Lincoln Rd, Miami Beach	JE1-0200
Ill	Bauman & Bluzat	4140 W. Fullerton Ave, Chicago 39	HU6-6809
Ind	Bauman & Bluzat	4140 W. Fullerton Ave, Chicago 39, Ill	HU6-6809
Kan	M L Seyffert	239 Bristol Rd. St. Louis 19, Mo	WO2-8158
Me	J Duncan How Inc	Statler Office Bldg, Boston, Mass	HU2-4638
Md	D & H Sales Div	2525 N. 7th St, Harrisburg, Pa	CE6-8001
Mass	J Duncan How Inc	Statler Office Bldg, Boston, Mass	HU2-4638
Mich	R C Nordstrom & Co	218 Briggs Bldg, Birmingham, Mich	JO4-6129
Mo	M L Seyffert	239 Bristol Rd. St. Louis 19	WO2-8158
NH	J Duncan How Inc	Statler Office Bldg, Boston, Mass	HU2-4638
NJ	D & H Sales Div	2525 N. 7th St. Harrisburg, Pa	CE6-8001
NY	Martin P Andrews Inc	319 Mott Rd. Fayetteville	NE7-6405
NY	Symon Assoc	550 5th Ave. NY 36	JU6-7771
Pa	D & H Sales Div	2525 N. 7th St, Harrisburg, Pa	CE6-8001
RI	J Duncan How	Statler Office Bldg, Boston, Mass	HU2-4638
Va	D & H Sales Div	2525 N. 7th St, Harrisburg, Pa	CE6-8001
W. Va	D & H Sales Div	2525 N. 7th St, Harrisburg, Pa	CE6-8001
Vt	J D How Inc	Statler Office Bldg, Boston, Mass	HU2-4638
	ANDREA RADIO CORP	**27-01 Bridge Plaza, N., L I City 1, NY**	**ST4-5411**
	M Renelli #28 *350 1255-1425-1895		
Conn	Moret Electronics Co	524 Wethersfield Ave. Hartford	
Del	D'Elia Distributors Inc	1330 Fairfield Ave. Bridgeport, Conn	
DC	Hynes Bros Inc	4th & Bryant Sts, N.E., Washington, DC	
Mass	R W Farnum	Box 61, W. Newton 65, Mass	
NJ	Carell Distributing Co	855 Bloomfield Ave, Glen Ridge, NJ	
NY	Fort Orange Radio Dist. Co. Inc	904-916 Broadway, Albany 4	
Pa	S S Fretz Jr Inc	870 N. 28th St, Philadelphia, Pa	
Pa	Nypenno Sales Co	502 Chestnut St, Pittsburgh 12, Pa	
RI	The Eastern Co	220 Georgia Ave, Providence, RI	
Va	Bowers Wholesale Corp	1606 Granby St. Norfolk	
	ANDREW CALIFORNIA CORP	**941 Maryland Ave, Claremont, Cal**	**NA6-3505**
	J Lindquist #3 *35 E 25-45-190-285-325-345-375-385-650-865-1135-1170-1200 1245-1410-1705-1735-1885-1955-1960		
DC	Andrew Corp	7815 Old Georgetown Rd, Bethesda, Md	OL4-2540
Ill	Andrew Corp	Box 807, Chicago 42, Ill	FI9-3300
Mass	Andrew Corp	727 High St, Westwood	DA6-6500
NJ	Andrew Corp	75 N Maple Ave. Ridgewood	GI5-2500
For	Andrew Intl Corp	10500 W 153rd St. Orland Park, Ill	FI9-3300
Can	Andrew Antenna Corp, Ltd	606 Beech St, Whitby, Ont	MO8-3348
•	**ANDREW CORP**	**P.O. Box 807, Chicago 42, Ill**	**FI9-3300**
	C Lane #85 *325 F 45-190-345-1135-1170		
Ariz	Andrew Cal Corp	941 E. Maryland Ave, Claremont, Cal	NA6-3505
Cal	Andrew Cal Corp	941 E. Maryland Ave, Claremont, Cal	NA6-3505
Conn	Andrew Corp	Box 296, Westwood, Mass	DA6-6500
Del	Andrew Corp	Box 5897, Washington 14, DC	OL4-2540
DC	Andrew Corp	Box 5697, Washington 14, DC	OL4-2540
Fla	Andrew Corp	Box 5897, Washington 14, DC	OL4-2540
Ga	Andrew Corp	Box 5897, Washington 14, DC	OL4-2540
Idaho	Andrew Cal Corp	941 E. Maryland Ave, Claremont, Cal	NA6-3505
Me	Andrew Corp	Box 296, Westwood, Mass	DA6-6500
Md	Andrew Corp	Box 5897, Washington 14, DC	OL4-2540
Mass	Andrew Corp	Box 296, Westwood, Mass	DA6-6500
Nev	Andrew Cal Corp	941 E. Maryland Ave, Claremont, Cal	NA6-3505
NH	Andrew Corp	Box 296, Westwood, Mass	DA6-6500
NJ	Andrew Corp	Box 416, Ridgewood, NJ	GI5-2500
NM	Andrew Cal Corp	941 E. Maryland Ave, Claremont, Cal	NA6-3505
NY	Andrew Corp	Box 416, Ridgewood, NJ	GI5-2500
NC	Andrew Corp	Box 5897, Washington 14, DC	OL4-2540
Ore	Andrew Cal Corp	941 E. Maryland Ave, Claremont, Cal	NA6-3505
Pa	Andrew Corp	Box 5897, Washington 14, DC	OL4-2540
RI	Andrew Corp	Box 296, Westwood, Mass	DA6-6500
SC	Andrew Corp	Box 5897, Washington 14, DC	OL4-2540
SD	Andrew Cal Corp	941 E. Maryland Ave, Claremont, Cal	NA6-3505
Utah	Andrew Cal Corp	941 E. Maryland Ave, Claremont, Cal	NA6-3505
Vt	Andrew Corp	Box 296, Westwood, Mass	DA6-6500
Va	Andrew Corp	Box 5897, Washington 14, DC	OL4-2540
Wash	Andrew Cal Corp	941 E. Maryland Ave, Claremont, Cal	NA6-3505
W. Va	Andrew Corp	Box 5897, Washington 14, DC	OL4-2540
Wyo	Andrew Cal Corp	941 E. Maryland Ave, Claremont, Cal	NA6-3505
	ANELEX CORP	**150 Causeway St, Boston 14, Mass**	**RI2-1720**
	G Hurst *300 F 280-338-1075		
Cal	ANelex Corp	8701 Wilshire Blvd. Beverly Hills	OL5-7753
	ANETSBERGER BROTHERS INC	**158 Anets Dr, Northbrook, Ill**	
	250		
	ANKO MFG CO., INC	**5025 N 124 St. Milwaukee, Wis**	**SU1-8785**
	L Kostnik A 895		
	ANNIS CO., R B	**1101 N. Delaware St, Indianapolis, Ind**	**ME5-2838**
	#2 *8 B 660-895-1075-1080		
Cal	Yarbrough Sales Co	192 E Glenarm St, Pasadena, Cal	MU2-3331
Ill	Murphy & Dickey	537 S. Dearborn St, Chicago 5, Ill	HA7-7953
Mich	Fisher-Detroit Co	2832 E. Grand Blvd, Detroit 11, Mich	TR2-6175
Mich	H G Hamilton	6570 Franklin Rd, Birmingham, Mich	MA6-3021
NY	Robert F Lamb	3407 Delaware Ave, Buffalo 17, NY	BE3757
NY	Long Island Machinery Sales	568 W Hoffman Ave, Lindenhurst, NY	TU4-3070
NC	Apex Machine Tool Supply Inc	3107 Wilkinson Blvd. Charlotte 8, NC	EX9-0454
Ohio	L H Waldrip Co	3030 Euclid Ave, Cleveland 15, Ohio	EX1-4242
Pa	W H Boflinger	Box 8088, Pittsburgh 16, Pa	
Pa	Lake Ridge Tool Inc	Box 207, Mechanicsburg, Pa	PO6-4571
Va	The Hildenbrand Co	P.O.Box 1060, Fairfax, Va	CR3-2334
•	**ANSLEY MFG CO., ARTHUR**	**R.D., New Hope, Pa**	**AX7-2711**
	***20 B 280-1150**		
Ala	W E Wolcott	PO Box 1523, Winter Park, Fla	MI7-3498
Ariz	Harry Gee	5333 Sepulveda Blvd, Culver City, Cal	
Cal	Harry Gee	5333 Sepulveda Blvd, Culver City,	
Conn	Norman B Saunders	8 Prospect St, Waltham 54, Mass	TW4-6071
Del	Barry Houser	188 Water St, Perth Amboy, NJ	HI2-3159
DC	Barry Houser	188 Water St, Perth Amboy, NJ	
Fla	W E Wolcott	Box 1523, Winter Park	MI7-3498
Me	Norman B Saunders	8 Prospect St, Waltham 54, Mass	TW4-6071
Md	Barry Houser	188 Water St, Perth Amboy, NJ	HI2-3159

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Mass	Norman B Saunders	8 Prospect St, Waltham 54, Mass	TW4-6071
NH	Norman B Saunders	8 Prospect St, Waltham 54, Mass	TW4-6071
NJ	Barrett Border	121 Oak St, Tenafly, NJ	LO8-2354
NM	Harry Gee	5333 Sepulveda Blvd, Culver City, Cal	
NY	Saunders & Co of Upstate NY	Box 362, N Syracuse	GL4-4730
NY	Barrett Border	121 Oak St, Tenafly, NJ	LO8-2354
NC	W E Wolcott	Box 1523, Winter Park, Fla	MI7-3498
Pa	Barry Houser	188 Water St, Perth Amboy, NJ	HI2-3159
Pa	R G Sidnell	1229 Westlake Ave, Cleveland 7, Ohio	AC1-1313
RI	Norman B Saunders	8 Prospect St, Waltham 54, Mass	TW4-6071
Vt	Norman B Saunders	8 Prospect St, Waltham 54, Mass	TW4-6071
Va	Barry Houser	188 Water St, Perth Amboy, NJ	
	ANTARA CHEMICALS DIV., GEN ANIL & FILM CORP	**435 Hudson St, New York 14, NY**	**WA4-0600**
	J Roberts *8000 G 1125		
Cal	Antara Chemicals	206 Utah Ave, S San Francisco 7, Cal	JU9-6500
Cal	Antara Chemicals	2445 E. 26 St, Los Angeles 58, Cal	LU2-7321
Ill	Antara Chemicals	310 W. Polk St, Chicago 7, Ill	HA7-3771
NC	Antara Chemicals	2459 Wilkinson Blvd, Charlotte 1, NC	ED3-4121
Ore	Antara Chemicals	3322 NW 35th Ave, Portland 10, Ore	CA8-3366
Pa	Antara Chemicals	42 S. 15th St, Philadelphia 2, Pa	LO3-2838
RI	Antara Chemicals	85 Tockwotton St, Providence 3, RI	GA1-1585
Tenn	Antara Chemicals	4301 Rossville Blvd, Chattanooga 7	MA9-3282
Canada	Chemical Develop of Canada Ltd	420 Lagauchetiere St, W., Montreal 1, PQ	UN6-3676
	ANTENNA DESIGNS INC	**802 Washington St, Burlington, Iowa**	**PL2-2787**
	M Tate #4 *63 D 45		
Cal	Erlanger Sales Co	Los Angeles, Cal	
Cal	Belehanber & French	San Francisco, Cal	
Ind	Joe Clancy Co Inc	5750 Ewing St, Indianapolis	CL1-7669
Iowa	L E Schlueter Co	1117 Perry St, Davenport	322-5431
Md	Art Cerf & Co	4 W Penfield Rd, Ellicott City	HO5-5262
Mo	Collins-Havercamp Assoc	6857 N Baltimore St, Kansas City 16	GE6-3163
NJ	Art Cerf & Co	27 Arcadia Way, Hillsdale	EX1-2039
NJ	Art Cerf & Co	Box 322, Rahway	FU8-1108
NJ	Art Cerf & Co	744 Broad St, Newark 2	MI2-6734
NY	William Ferguson	Manlius	OV2-9311
Ohio	Joe Clancy Co Inc	789 Orlando Ave, Akron	UN4-0848
Ohio	Joe Clancy Co Inc	805 Rockhill Ave, Dayton 29	AX8-3052
Pa	Art Cerf & Co	123 Shasta Rd, Plymouth Meeting	TA8-5147
Pa	Art Cerf & Co	4302 Embur Terr, Easton	BL3-0605
Tex	W R Retzloff Co	Box 1786, San Antonio 6	LE3-7839
Tex	W R Retzloff Co	1236 San Fernando Way, Dallas 18	DA7-8812
Va	Art Cerf & Co	600 20th St, Virginia Beach	GA8-5840
Wash	Dave Miller Sales Co	2323 N 45th St, Seattle 2	ME2-7070
	ANTENNA PRODS. CO. DIV. ALL PRODUCTS CO	**Box 110, Mineral Wells, Tex**	**FA5-3301**
	S King #17 *150 E 45-385-670-1135-1170-1855		
Cal	A W Weart Brothers	16113 S. Harris Compton	NE6-7046
Del	Jay Co	2420 Wilson Blvd. Wash. DC	JA4-6767
DC	Jay Co	2420 Wilson Blvd, Washington, DC	JA4-6767
Md	Jay Co	2420 Wilson Blvd. Wash. DC	JA4-6767
Nev	A W Weart Brothers	16113 S. Harris Compton, Cal	NE6-7046
Ore	A W Weart Brothers	16113 S. Harris Compton, Cal	NE6-7046
Utah	A W Weart Brothers	16113 S. Harris Compton, Cal	NE6-7046
Va	Jay Co	2420 Wilson Blvd. Wash. DC	JA4-6767
Wash	A W Weart Brothers	16113 S. Harris Compton, Cal	NE6-7046
	ANTENNA SPECIALISTS CO	**12435 Euclid Ave, Cleveland 6, Ohio**	**SW1-7878**
	M Friedberg #3 *100 E 45		
Cal	Chas A Hansen	1446 S. Grand Ave, Los Angeles, Cal	RI8-6191
Cal	Logan & Stone	1485 Bayshore Blvd, San Francisco, Cal	DE4-1200
Colo	Knother-Cox Co	1325 S. Inca St. Denver 23	PE3-5561
Ga	J E Joyner & Assoc	Box 10821, Sta A, Atlanta 10	7587497
Ill	W J Doyle Co	2600 W. Touhy Ave. Chicago 45	BR4-6665
Ind	Thomas & Sutup Inc	2080 E. 54th St. Indpls 20	CL1-4574
Mass	Harold A Chamberlin	Bedford Airport, Bedford, Mass	CR4-0044
Mich	Butchart-Rathsburg & Assoc	8735 E. Jefferson, Detroit 14	VA1-6621
Minn	Nick J Laub Co	3749 W. Broadway, Minneapolis, Minn	JU9-4563
Mo	M E Brittis Co	3706 Broadway, KC 11	LO1-0772
NJ	Jules J Bressler	4808 Bergenline Ave, Union City, NJ	UN4-9577
NY	L D Allen Inc	Box 32, Salina Sta. Syracuse 8	GR1-3108
Ohio	Sid Levin & Assoc	6252 Mayfield Rd, Cleveland 24, Ohio	HI2-8350
Ore	Don H Burcham Co	Box 4048, Portland 8, Ore	CA6-4148
Pa	Stinson-Platt Assoc	227 Haverford Ave. Narberth	MO4-5511
Tex	Maynard Sales Co	2013 Cedar Springs Ave. Dallas 1	RI2-2027
For	Minthorne International Co	15 Moore St. NY 4, NY	BO9-6272
•	**ANTENNA SYSTEMS INC**	**Hingham Ind'l Center, Hingham, Mass**	**RI9-4700**
	A Fowler #15 *110 E 45-60-190-385-670-895-1045-1135-1410-1835		
Ariz	Carter Assoc Inc	219 S Hinton Rd, Scottsdale	WH5-3611
Cal	T Louis Snitzer Co	5354 W Pico Blvd, Los Angeles 19	WE8-2073
DC	Arco Engineering Co	1810 16th St NW, Wash 6	EX3-5991
Fla	E C Raymund & Assoc	Box 8215, St Petersburgh	WA1-9735
NJ	John J Redden	3600 Bergenline Ave, Union City	UN5-1611
NY	John J Redden	3600 Bergenline Ave, Union City, NJ	UN5-1611
	ANTENNAVISION INC	**Box 11326, Phoenix, Ariz**	**AL4-5811**
	E Whitney #4 *65 C 60-338-385-670-895-1675-1910		
Pa	Telco	16 S. Dorcas St, Lewistown, Pa	8-5900
Tex	Ed Dart	4307 38th Ave. Lubbock	SW9-4017
	ANTI-CORROSIVE METAL PRODUCTS CO., INC	**Castleton-on-Hudson, NY**	**PE2-7711**
	M Parker #3 *110 125-645-1185-1205-1535-1940		
Ala	Tepley & McFadden	1400 Chestnut, Chattanooga, Tenn	AM6-4970
Alas	John Powel	70 Marion St, Seattle 4, Wash	MU2-2450
Ariz	Anti-Corrosive Metal Prods Co., Inc	2922 E. Olympic Blvd, L A 23, Cal	AN8-5131
Ark	K E Luger	Box 6704, Houston, Tex	JA8-5581
Cal	Anti-Corrosive Metal Prods Co., Inc	2922 E. Olympic Blvd, L A 23,	AN8-5131
Colo	Carlos W Stone	2003 Parleys Canyon, Salt Lake City, Utah	HU4-8495
Del	Norman H Yoder	Box 23, King of Prussia, Pa	BR2-3794
Fla	J K Kessler	Box 10263, Tampa, Fla	E9-7661
Fla	Tom Hinley	2531 N.W. 182nd Terr, Opa Locka, Fla	NA1-0906
Ga	Tepley & McFadden	1400 Chestnut, Chattanooga, Tenn	AM6-4970
Hawaii	Anti-Corrosive Metal Prods Co	2922 E. Olympic Blvd, L A 23, Cal	AN8-5131

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ill	Francis X Hennessey	2501 E 142nd St, Chicago 33, Ill	TO2-8791
Iowa	Warren Clason	3844 Valdez Dr, Des Moines 10, Iowa	CR9-9192
Kan	Clancey & Digges	3527 Broadway, Kansas City, Mo	WE1-3090
Ky	William Needles	4016 Diehl Ave, Cincinnati 36, Ohio	SY1-1297
La	K E Luger	Box 6704, Houston, Tex	JA8-5581
Md	J M Kalista Jr	232 E 25th St, Baltimore 18, Md	BE5-2780
Mass	Dean B Skillin	23 Norman Dr, Framingham, Mass	TR3-8451
Mich	Robert Fillotrault	802 Fisher Bldg. Detroit, Mich	TR2-7171
Mich	E L Klewicki	P.O. Box 964, Lansing 4, Mich	ED2-6364
Minn	Clemens & Grunseth	1645 Hennepin Ave, Minneapolis 3,	FE9-0707
Miss	Tepley & McFadden	1400 Chestnut, Chattanooga, Tenn	AM6-4970
Mo	Clancey & Digges	3527 Broadway, Kansas City, Mo	WE1-3090
Neb	Clancey & Digges	3527 Broadway, Kansas City, Mo	WE1-3090
NJ	Arthur S Kuhns Jr	Box 27, Rahway, NJ	KI1-9614
NJ	Norman H Yoder	Box 23, King of Prussia, Pa	BR2-3794
NM	K E Luger	Box 6704, Houston, Tex	JA8-5581
NY	Ted Gengarelly	200 Stonehenge Ln, Carle Pl, NY	ED4-2500
NY	Bruce Oremus	221 Hampton Blvd, Rochester 12,	NO3-1789
NC	Tepley & McFadden	1400 Chestnut, Chattanooga, Tenn	AM6-4970
Ohio	John O Olsen	16201 Shaker Blvd, Cleveland 20,	SK2-5444
Ohio	William Needles	4016 Diehl Ave, Cincinnati 36, Ohio	SY1-1297
Okla	Clancey & Digges	3527 Broadway, Kansas City, Mo	WE1-3090
Pa	Norman H Yoder	Box 23, King of Prussia, Pa	BR2-3794
Pa	Edward A Shefsky	104 Elston Dr, Pittsburgh 16, Pa	BR9-2550
SC	Tepley & McFadden	1400 Chestnut, Chattanooga, Tenn	AM6-4970
Tenn	Eustis Lancaster	Sevier Hotel Bldg, Johnson City, Tenn	3200
Tenn	Tepley & McFadden	1400 Chestnut, Chattanooga, Tenn	AM6-4970
Tex	K E Luger	Box 6704, Houston, Tex	JA8-5581
Utah	Carlos W Stone	2003 Parleys Canyon, Salt Lake City,	HU4-8495
Wash	John Powel	70 Marion St, Seattle 4, Wash	MU2-2450
W. Va	Edward A Shefsky	104 Elston Dr, Pittsburgh, Pa	BR9-2550
Wisc	Frank W Ladky	4914 N. Wilson Dr, Milwaukee 4,	WO2-2942
Wyo	Carlos W Stone	2003 Parleys Canyon, Salt Lake City, Utah	HU4-8495
Foreign	J F Feito Ferreteria y Cabezon	Ave de Bolivar 319, Havana, Cuba	
Canada	Railway & Power Engr Corp Ltd	3745 St. James St, W., Montreal, Canada	WE3-6741
Foreign	S Alfonese E Hijo Sucres	Box 1230, Fortaleza 311, San Juan, Puerto Rico	
	ANTLAB INC.	**6330 Proprietors Rd, Worthington, Ohio**	**TU5-5396**
	D McMahill #10 *75 E 360-895-1135-1170		
Ariz	Antlab Inc	20105 Stagg St, Canoga Park, Cal	DI8-6893
Cal	Jay Stone & Assoc	Box 583, Sunnyvale	YO8-2770
Cal	Antlab Inc	20105 Stagg St, Canoga Park	DI8-6893
Conn	Antlab Inc	Box 113, Burlington, Mass	BR2-3571
Del	Engineering Associates	2125 Maryland Ave, Baltimore 18, Md	HO7-1966
DC	Engineering Assoc	412 Albee Bldg, Washington	ST3-7319
Fla	Stiles Assoc, Inc	1226 E Colonial Dr, Orlando	GA5-5541
Fla	Stiles Assoc, Inc	Box 8457, St Petersburg 8	WA1-0211
Ill	Engineering Services Co	6717 Vernon Ave, St Louis 30, Mo	PA6-2233
Iowa	Engineering Services Co	1305 Oakland Gardens, Cedar Rapids	EM5-6183
Kan	Engineering Services Co	247 S Pinecrest Ave, Wichita	MU3-3751
Me	Antlab Inc	Box 113, Burlington, Mass	BR2-3571
Md	Engineering Associates	2125 Maryland Ave, Baltimore, Md	HO7-1966
Mass	Antlab Inc	Box 113, Burlington	BR2-3571
Mo	Engineering Services Co	6717 Vernon Ave, St Louis 30	PA6-2233
Mo	Engineering Services Co	4550 Main St, Kansas City	JE1-7765
Neb	Engineering Services Co	4550 Main St, Kansas City, Mo	JE1-7765
Nev	Antlab Inc	20105 Stagg St, Canoga Park, Cal	DI8-6893
NH	Antlab Inc	Box 113, Burlington, Mass	BR2-3571
NJ	CDB Enterprises, Inc	26 Haddon Ave, Camden	WO3-9164
NM	Southwest Electronic Ind	727 Morningside NE, Albuquerque	AL5-2278
NY	CDB Enterprises, Inc	501 Broadway, Hicksville	WE8-8644
NC	Engineering Assoc	412 Albee Bldg, Washington, DC	ST3-7319
Okla	Southwest Electronic Ind	Meadows Bldg, Dallas 6, Tex	EM3-1671
Pa	CDB Enterprises, Inc	26 Haddon Ave, Camden, NJ	WO3-9164
RI	Antlab Inc	Box 113, Burlington, Mass	BR2-3571
Tex	Southwest Electronic Ind	Meadows Bldg, Dallas 6	EM3-1671
Tex	Southwest Electronic Ind	3815 Richmond, Houston	MA3-5775
Vt	Antlab Inc	Box 113, Burlington, Mass	BR2-3571
Va	Engineering Assoc	412 Albee Bldg, Washington, DC	ST3-7319
Can	Microwave Systems	46 Crockford Blvd, Scarborough, Ont	PL5-0673
Foreign	Szucs International Corp	50 W. Broad St, New York, NY	WH4-7486
	ANTON ELECTRONIC LABS. INC. DIV. LIONEL CORP	**1226 Flushing Av. Brooklyn 37, NY**	**EV6-5715**
	E 185-190-250-345-895-1330-1840-1880		
Ala	Saper Electronic Co	109 E Pine St. Orlando, Fla	
Ariz	H C Torrey Assoc	1429 N. 1st St. Phoenix	AL2-4357
Cal	Stickel-McAllister & Assoc	4357 Melrose Ave. LA 29	NO5-6621
Cal	W W Tompkins & Co	3944 El Camino Real, Palo Alto	DA6-7940
Conn	Geist Hotz Inc	200 Fifth St, Stamford, Conn	DA4-7300
Fla	Saper Electronic Co	109 E Pine St. Orlando	
Ga	Saper Electronic Co	109 E Pine St. Orlando, Fla	
Ill	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	RO3-1570
Ind	Ellinger Sales Corp	5214 Forest Ave. Ft. Wayne	TR3-4833
Iowa	Ellinger Sales Corp	309 - 4th St. SE. Clinton	351-J
Mass	Jerry Rosen	14 Wedgwood Rd, Natick, Mass	OL3-6500
Mich	Carrier & Gable	155 W. Congress St. Detroit 28	WO1-1786
Minn	H A Cullen Assoc	3424 E. Lake St. Mnpls 6	PA4-3988
Mo	Ellinger Sales Corp	6427 Evergreen St. Berkeley 21	JA4-1116
NJ	Bonn Assoc	57 New St. Metuchen	LI9-9573
NJ	J Sarty	2 Evans Ln. Old Orchard, Marlton PO	HA9-1184
NY	Bower & Sapecky Associates	P.O. Box 34, Fayetteville, NY	GI6-5920
NY	Bonn Assoc	57 New St. Metuchen, NJ	LI9-9573
NY	Bowser & Sapecky Assoc	2070 Sheridan Dr, Kenmore	TR3-6631
NC	H T Altman Co	Box 8031, Charlotte	EX9-8926
Ohio	Technical Sales Assoc	Box 187, N. Dayton Sta. Dayton	BA4-5302
Tex	Southern Ind. Electronics	2118 Exchange Park, Dallas 35	FL2-3901
Utah	Applied Eng. Products Co	405 Felt Bldg. Salt Lake City	EM4-4942
Wash	M K Widdlund Co	222 1st Ave. N. Seattle	AT4-8020
Can	Stark Electronic Sales Ltd	Box 240, Ajax, Ont	AJ125
	ANTRONIC CORP	**2712 W. Montrose Ave, Chicago 18, Ill**	**IN3-4858**
	L Presow #2 *45 D 500-895-1455		
Cal	L H Harriss Sales Co	204 E Hillsdale Blvd. San Mateo	FI1-2909
Cal	Wayne Dinsmore Co	PO Box 621, Encino	TR3-2451
Colo	Stan Clapht & Assoc	7825 W Colfax, Denver	BE3-6963
Fla	Winfield Sales	666 N. E. 125th St, N. Miami Fla	PL1-5566
Ill	Markal Sales Corp	2639 W Peterson Ave. Chicago 45	LO1-7290

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FOR EXPLANATION OF SYMBOLS # * A 15 SEE PG. M

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
Ind	Charles Scheffler	1133 Navajo Trail, Indianapolis	CL3-[illegible]
Md	Brothers & Company	5302 Lincoln Ave. Baltimore	RO4-7219
Mass	Keene Sales Co	21 Tremont St. Boston	RI2-0466
Mich	Mahall Sales Corp	3535 W Peterson Ave, Chicago 45, Ill	LO1-7291
Minn	Ray Ripley	7222 St. James, S, Minneapolis, Minn	UN6-8882
Miss	L F Massey	304 Jefferson, Greenwood, Miss	
Mo	Corneice A Vignola Associates	Box 583, Jefferson City, Mo	5-1083
NY	Irving Becker Co	635 E 14th St, New York 9	PL7-6454
Ohio	Robert Peters Co	350 E. 210th St, Euclid 23, Ohio	AN1-2330
Pa	George Cannen	614 Dutton Circle, Springfield, Pa	KI3-8681
Tex	Maynard Sales Co	2418 Haddington St. Houston 24	
Tex	Maynard Sales Co	2513 Cedar Springs, Dallas	RI2-2027
Wash	Dave Miller Sales Co	3223 N 45th St, Seattle 3	ME2-7370
Foreign	Bernie Byrd Services	1724 N. La Salle, Chicago, Ill	DE7-2795
•	**ANZAC ELECTRONICS INC**	**Canondale, Conn**	**PO2-3226**
	C Southerton #2 *7 A 895-1135		
	APAMOUSER CORP	**1512 Boylston St, Boston, Mass**	**KE6-1223**
	J Gately #2 *50 D 110-595-895-1245-1290-1295-1605-1785		
	APECO	**2100 W. Dempster, Evanston, Ill**	**BR3-2100**
	1075		
	APEX COATED FABRICS CO	**12 E. 22 St, New York 10, NY**	**SP7-3140**
	620-625-660-1290		
Cal	Herbert A Cohen Co	1421 Paloma St, Los Angeles, Cal	
Cal	Herbert A Cohen Co	116 New Montgomery St, San Francisco	
Ill	Herman Rabin	30 N. La Salle St, Chicago, Ill	
Mo	Tansley Moss Kingsley	1000 Washington Ave, St. Louis, Mo	
Ore	Edward Aiken Co	309 S. W. 3rd Ave, Portland	
Pa	Ervin H Goldman	P.O. Box 5031, Philadelphia, Pa	
Canada	Terry C Stapley	52 Jarvis St, Toronto, Canada	
	APEX MACHINE CO	**14-15 118 St, College Point, NY**	**FL8-2010**
	A Cowingsby 1075		
	APEX WIRE & CABLE CORP	**237 37 St, Brooklyn 32, NY**	**SO8-6004**
	S Fertini #2 *30 1960		
	APPALACHIAN ELECTRONIC INSTRUMENTS, INC	**810 W Monroe, Ronceverte, W Va**	**MI7-5855**
	C Nickell #1 *25 C 360		
	APPARATUS DEVELOPMENT CO., INC	**Drawer 153, Wethersfield 9, Conn**	**JA9-5186**
	45-50-60-670-895		
Ariz	Koessler Sales Co	818 N. Fairfax Ave, Los Angeles, Cal	
Cal	Koessler Sales Co	818 N. Fairfax Ave, Los Angeles, Cal	
Conn	W Pray Sales Co	44 Washington, Wellesley Hills, Mass	
Iowa	Zimmer Sales	5620 Woodward Ave, Merriam, Kan	HE2-1121
Kan	Zimmer Sales	5620 Woodward Ave, Merriam, Kan	HE2-1121
La	Lucas Sales Co	Box 8506, Dallas 16, Tex	
Me	W Pray Sales Co	44 Washington, Wellesley Hills, Mass	
Mass	W Pray Sales Co	44 Washington, Wellesley Hills, Mass	
Miss	Lucas Sales Co	Box 8506, Dallas 16, Tex	
Mo	Zimmer Sales	5620 Woodward Ave, Merriam, Kan	
Mont	Zimmer Sales	5620 Woodward Ave, Merriam, Kan	
Neb	Zimmer Sales	5620 Woodward Ave, Merriam, Kan	
NH	W Pray Sales	44 Washington, Wellesley Hills, Mass	
NM	Koessler Sales Co	818 N. Fairfax Ave, L A 46, Cal	
NC	L Rodney	Box 11302, Charlotte, NC	
Okla	Lucas Sales	Box 8506, Dallas 16, Tex	
RI	W Pray Sales	44 Washington, Wellesley Hills, Mass	
SC	L Rodney	Box 11302, Charlotte, NC	
SD	Zimmer Sales	5620 Woodward Ave, Merriam, Kan	
Tenn	L Rodney	Box 11302, Charlotte, NC	
Tex	Lucas Sales	Box 8506, Dallas, Tex	
Vt	W Pray Sales	44 Washington, Wellesley Hills, Mass	
Va	L Rodney	Box 11302, Charlotte, NC	
	APPLETON ELECTRIC CO	**1701 W. Wellington, Chicago 13, Ill**	**EA7-7200**
	E Aldridge #25 *2200 G 155-720		
Ala	Appleton Electric Co	2301 Highland Ave, Birmingham, Ala	AL1-3159
Cal	Appleton Elec Co	6401 E. Bandini Blvd, Los Angeles 22	PA8-4274
Cal	Appleton Electric Co	301 W. "G" St, San Diego, Cal	BE4-1222
Cal	Appleton Electric Co	1400 Egbert St, San Francisco	MI8-7100
Colo	Appleton Electric Co	777 E 14th Ave, Denver	CH4-2564
Fla	Appleton Elec Co	Clearwater, Fla	CL3-7951
Fla	Appleton Elec Co	Ft. Lauderdale, Fla	LO6-1742
Ga	Appleton Electric Co	728 Monroe Dr, N.E., Atlanta, Ga	TR2-5807
Ind	Appleton Electric Co	506 Norton Ave, Indianapolis, Ind	ST4-5718
La	Appleton Electric Co	333 Maumus Ave, New Orleans 14	FO6-4007
Mass	Appleton Electric Co	Southwest Park, Rts 1 & 128, Westwood	DA6-5840
Mich	Appleton Electric Co	18035 James Couzens Hwy, Detroit 35	UN3-7715
Mich	Appleton Electric Co	Grand Rapids 8, Mich	CH1-2385
Minn	Appleton Electric Co	539 S 7th St, Minneapolis 15	FE5-5702
Mo	Appleton Electric Co	3042 Gillham Plaza, Kansas City 9	VA1-5840
Mo	Appleton Electric Co	6809 Clayton Rd, St. Louis 17, Mo	PA7-3272
NJ	Appleton Electric Co	Belmar, NJ	GI9-7983
NY	Appleton Electric Co	350 Delaware Ave, Buffalo 2	TL4-4202
NY	Appleton Electric Co	11 Park Pl, New York 7, NY	CO7-[illegible]
NC	Appleton Electric Co	309 Wilder Bldg, Charlotte 2, NC	ED2-3225
Ohio	Appleton Electric Co	3533 Epley Rd, Cinc	JA2-[illegible]261
Ohio	Appleton Electric Co	21300 Lorain Rd, N Olmsted	RE4-3026
Okla	Appleton Electric Co	137 N Main St, Tulsa	LO3-9731
Pa	Appleton Electric Co	7300 W. Chester Pike, Upper Darby, Pa	GR6-2540
Pa	Appleton Electric Co	Dist. D-549 Lincoln Ave, Pittsburgh 2, Pa	PO1-8840
Tenn	Appleton Electric Co	1417 S Cooper, Memphis 4	BR2-[illegible]
Tex	Appleton Electric Co	2115 Richmond Ave, Houston	JA8-3291
Tex	Appleton Electric Co	3016 Valwood Pkwy, Dallas 34	CH7-4958
Wash	Appleton Electric Co	3023 Sixth Ave, S., Seattle, Wash	MA3-5740
Wis	Appleton Electric Co	4105 N Green Bay Ave, Milwaukee 9	FR2-3802
Wisc	Appleton Electric Co	Green Bay, Wisc	HE7-9191
	APPLIED COMPONENTS INC	**401 E. Beach Ave. Inglewood 3, Cal**	**OR3-0556**
	D Stillman #4 *25 G 320-670-1855		
	APPLIED CONTROL CORP	**1000 Main St. Hackensack, NJ**	**HU9-4553**
	W Monel #6 *16 B 255-275-320-330-338-360-365-470-475-885-895-915-1125-1145-1150-1455-1460		
	APPLIED DYNAMICS, INC	**Box 612, Ann Arbor, Mich**	**HO2-6493**
	E Schwarm #5 *14 C 280-338-340-895-1340-1530-1610		

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Madco	Box 574 Rt #1, Huntsville, Ala	JE6-[illegible]11
Cal	H W Ruby & Associates, Inc	1041 Foothill Blvd, LaCanada, Cal	MU1-3845
Fla	Madco	Box 216, Melbourne, Fla	PA3-7256
Mass	Wild & Associates Inc	Box 293, Framingham, Mass	TR2-7061
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit 35	BR3-2900
NY	Wild & Associates, Inc	1119 Northern Blvd, Roslyn, NY	
Ohio	S Sterling Co	5827 Mayfield Rd, Cleveland 24, Ohio	HI2-8080
Ohio	S Sterling Co	303 W. First St, Dayton 2, Ohio	BA8-4794
Pa	Wild & Associates, Inc	Box 96, Southampton, Pa	LO6-1178
Pa	S Sterling Co	4424 Clairton Blvd, Pittsburgh 27, Pa	TU4-5515
Va	Wild & Associates, Inc	2123 Wilson Blvd, Arlington, Va	JA4-2274
	APPLIED ELECTRONICS CO	**233 E Grand Ave. S. San Francisco, Cal**	**PL6-4100**
	B Bollard #7 *250 F 45-325-338-795-895-1120-1170-1395-1425-1655-1845-1870		
•	**APPLIED ELECTRONICS CORP OF NJ**	**22 Center St, Metuchen, NJ**	**LI9-1500**
	275-325-330-338-360-365-430-440-450-475-670-775-825-895-955-1425-1610-1735-1870		
	APPLIED GRAPHICS CORP	**Shore Rd. Glenwood Landing, NY**	**OR6-1211**
	V Moschetto #3 *29 525-1755		
	APPLIED MAGNETICS CORP	**P. O. Box 368, Goleta, Cal**	**WO7-2016**
	W Graham #5 *20 B 338-455-810-895-1425		
Colo	Missile Accessories Corp	438 S. 3rd East St, Salt Lake City 11, Utah	DA8-0320
Kan	Intel Supply Inc	538 S. Louis Ave, Tulsa, Okla	WE9-4451
Okla	Intel Supply Inc	538 S. Louis Ave, Tulsa, Okla	WE9-4451
Tex	Intel Supply Inc	7922 Farrington St, Dallas 7, Tex	RI2-[illegible]0
Utah	Missile Accessories Corp	438 S. 3rd East St Salt Lake City 11, Utah	DA8-0320
	APPLIED PHYSICS CORP	**2724 S. Peck Rd, Monrovia, Cal**	**HI6-7181**
	R Moulton *250 E 250-895		
Ala	George Kincaid	2911 W. Touhy Ave, Chicago 45, Ill	HO5-8859
Ark	George Kincaid	2911 W. Touhy Ave, Chicago 45, Ill	HO5-8859
Conn	Arthur W Kronk	7.4 Hamburg Trnpk, Pompton Lakes, NJ	TE9-0540
Del	Arthur W Kronk	7.4 Hamburg Trnpk, Pompton Lakes, NJ	TE9-0540
DC	Arthur W Kronk	7.4 Hamburg Trnpk, Pompton Lakes, NJ	TE9-0540
Fla	Arthur W Kronk	7.4 Hamburg Trnpk, Pompton Lakes, NJ	TE9-0540
Ga	Arthur W Kronk	7.4 Hamburg Trnpk, Pompton Lakes, NJ	TE9-0540
Ill	George Kincaid	2911 W. Touhy Ave, Chicago, Ill	HO5-8859
Ind	George Kincaid	2911 W. Touhy Ave, Chicago, Ill	HO5-8859
Iowa	George Kincaid	2911 W. Touhy Ave, Chicago, Ill	HO5-8859
Kan	George Kincaid	2911 W. Touhy Ave, Chicago, Ill	HO5-8859
Ky	George Kincaid	2911 W. Touhy Ave, Chicago, Ill	HO5-8859
La	George Kincaid	2911 W. Touhy Ave, Chicago, Ill	HO5-8859
Me	Arthur W Kronk	7.4 Hamburg Trnpk, Pompton Lakes, NJ	TE9-0540
Md	Arthur W Kronk	7.4 Hamburg Trnpk, Pompton Lakes, NJ	TE9-0540
Mass	Arthur W Kronk	7.4 Hamburg Trnpk, Pompton Lakes, NJ	TE9-0540
Mich	George Kincaid	2911 W. Touhy Ave, Chicago 45, Ill	HO5-8859
Minn	George Kincaid	2911 W. Touhy Ave, Chicago 45, Ill	HO5-8859
Miss	George Kincaid	2911 W. Touhy Ave, Chicago 45, Ill	HO5-8859
Mo	George Kincaid	2911 W. Touhy Ave, Chicago 45, Ill	HO5-8859
NH	Arthur W Kronk	7.4 Hamburg Trnpk, Pompton Lakes, NJ	TE9-0540
NJ	Arthur W Kronk	7.4 Hamburg Trnpk, Pompton Lakes, NJ	TE9-0540
NY	Arthur W Kronk	7.4 Hamburgh Trnpk, Pompton Lakes, NJ	TE9-0540
NC	Arthur W Kronk	7.4 Hamburgh Trnpk, Pompton Lakes, NJ	TE9-0540
ND	George Kincaid	2911 W. Touhy Ave, Chicago 45, Ill	HO5-8859
Ohio	George Kincaid	2911 W. Touhy Ave, Chicago 45, Ill	HO5-8859
Okla	George Kincaid	2911 W. Touhy Ave, Chicago 45, Ill	HO5-8859
Pa	Arthur W Kronk	7.4 Hamburgh Trnpk, Pompton Lakes, NJ	TE9-0540
RI	Arthur W Kronk	7.4 Hamburgh Trnpk, Pompton Lakes, NJ	TE9-0540
SC	Arthur W Kronk	7.4 Hamburgh Trnpk, Pompton Lakes, NJ	TE9-0540
SD	George Kincaid	2911 W. Touhy Ave, Chicago 45, Ill	HO5-8859
Tenn	George Kincaid	2911 W. Touhy Ave, Chicago 45, Ill	HO5-8859
Tex	George Kincaid	2911 W. Touhy Ave, Chicago 45, Ill	HO5-8859
Vt	Arthur W Kronk	7.4 Hamburgh Trnpk, Pompton Lakes, NJ	TE9-0540
Va	Arthur W Kronk	7.4 Hamburgh Trnpk, Pompton Lakes, NJ	TE9-0540
W. Va	Arthur W Kronk	7.4 Hamburgh Trnpk, Pompton Lakes, NJ	TE9-0540
Wis	George Kincaid	2911 W Touhy Ave. Chicago 45, Ill	HO5-8859
•	**APPLIED RESEARCH INC**	**76 S. Bayles Ave, Port Washington, NY**	**PO7-8707**
	#20 *70 E 50-325-365-670-895-1135-1425		
Ala	Col-Ins-Co, Inc	5728 Precision Dr, Orlando, Fla	CH1-1501
Ariz	Ed G Miller Jr	220 Cagua Dr, N.E., Albuquerque, NM	AL6-1595
Cal	Technology Assoc	3222 Santa Monica Blvd. Santa Monica	EX5-1733
Colo	Scientific Inst Co	1460 Pennsylvania St, Denver 3, Colo	AL5-2777
Conn	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	245-9100
Del	Jay Co	2920 Wilson Blvd, Arlington, Va	JA4-6767
DC	Jay Co	2920 Wilson Blvd, Arlington, Va	JA4-6767
Fla	Col-Ins-Co. Inc	5728 Precision Dr. Orlando	CH1-1501
Ga	Col-Ins-Co. Inc	5728 Precision Dr. Orlando, Fla	CH1-1501
Ill	David Hauster Co	627 E. Willow Ave. Wheaton	WH8-7312
Iowa	David Hauster Co	627 E. Willow Ave. Wheaton, Ill	WH8-7312
Me	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	245-9100
Md	Jay Co	2920 Wilson Blvd, Arlington, Va	JA4-6767
Mass	Dynamic Devices Inc	11 Albion St. Wakefield	245-9100
Miss	Col-Ins-Co, Inc	5728 Precision Dr. Orlando, Fla	CH1-1501
NH	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	245-9100
NJ	Combronic Associates	1351 Franklin Ave, Mineola, NY	PI1-[illegible]
NJ	Holdsworth & Co	P.O. Box 71, Lansdowne, Pa	MA6-8300
NM	Ed G Miller Jr	P.O. Box 8306, Albuquerque, NM	AL6-1595
NY	John Lightstone Associates	515 Comstock Ave, Syracuse, NY	GR5-6714
NY	Combronic Associates	1351 Franklin Ave, Mineola, NY	PI1-[illegible]
NC	Col-Ins Inc	34 E. Central Ave, Orlando, Fla	GA3-4197
Okla	Ed G Miller Jr	P.O. Box 8306, Albuquerque, NM	AL6-1595
Pa	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	245-9100
RI	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	245-9100
SC	Col-Ins-Co, Inc	5728 Precision Dr, Orlando, Fla	CH1-1501
Tenn	Col-Ins-Co, Inc	5728 Precision Dr. Orlando, Fla	CH1-1501
Tex	Ed G Miller Jr	P.O. Box 8306, Albuquerque, NM	AL6-1595
Utah	Scientific Instrument Co	1460 Pennsylvania St, Denver 3, Colo	AL5-2777
Vt	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	245-9100
Va	Jay Co	2920 Wilson Blvd, Arlington, Va	JA4-6767
Wis	David Hauster Co	627 E. Willow Ave. Wheaton, Ill	WH8-7312
Wyo	Scientific Instrument Co	1460 Pennsylvania St. Denver 3, Colo	AL5-2777
	APPLIED RESEARCH LABS INC	**F.O. Box 1710, Glendale 5, Cal**	**CH5-5524**
	W Whelchel #25 *200 E 895		
Ala	Eugene Williams	Box 67, Seabrook, Tex	877-4531

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
Alaska	A E Bernhard	3717 Park Pl, Glendale 8, Cal	CH5-5524
Ariz	A E Bernhard	3717 Park Pl, Glendale 8, Cal	CH5-5524
Ark	Eugene Williams	Box 67, Seabrook, Tex	877-4531
Cal	A E Bernhard	3717 Park Pl, Glendale 8	CH5-5524
Colo	A E Bernhard	3717 Park Pl, Glendale 8, Cal	CH5-5524
Conn	L J LaBoule	Box 102, Summit, NJ	CR7-2900
Del	L J LaBoule	Box 102, Summit, NJ	CR7-2900
DC	L J LaBoule	Box 102, Summit, NJ	CR7-2900
Fla	Eugene Williams	PO Box 67, Seabrook, Tex	877-4531
Ga	Eugene Williams	PO Box 67, Seabrook, Tex	877-4531
Hawaii	A E Bernhard	3717 Park Pl, Glendale 8, Cal	CH5-5524
Idaho	A E Bernhard	3717 Park Pl, Glendale 8, Cal	CH5-5524
Ill	L J O'Brien	2454 W 38th St. Chicago	LA3-7100
Ky	Wm H Martin	Box 332, Hiram, Ohio	LO9-7575
La	Eugene Williams	Box 67, Seabrook, Tex	877-4531
Me	L J LaBoule	Box 102, Summit, NJ	CR7-2900
Md	L J LaBoule	Box 102, Summit, NJ	CR7-2900
Mass	L J LaBoule	Box 102, Summit, NJ	CR7-2900
Mich	B R Boyd	22200 W Outer Dr, Dearborn 8	LO5-6633
Miss	Eugene Williams	Box 67, Seabrook, Tex	877-4531
Mont	A E Bernhard	3717 Park Pl, Glendale 8, Cal	CH5-5524
Nev	A E Bernhard	3717 Park Pl, Glendale 8, Cal	CH5-5524
NH	L J LaBoule	Box 102, Summit, NJ	CR7-2900
NJ	L J LaBoule	Box 102, Summit, NJ	CR7-2900
NM	A E Bernhard	3717 Park Pl, Glendale 8, Cal	CH5-5524
NY	L J LaBoule	Box 102, Summit, NJ	CR7-2900
NC	H W Calkins	3215 Longwood Dr, Pittsburgh 27, Pa	TU2-5977
Ohio	Wm H Martin	Box 332, Hiram, Ohio	LO9-7575
Okla	Eugene Williams	PO Box 67, Seabrook, Tex	877-4531
Ore	A E Bernhard	3717 Park Pl, Glendale 8, Cal	CH5-5524
Pa	H W Calkins	3215 Longwood Dr, Pittsburgh 27, Pa	TU2-5977
RI	L J LaBoule	Box 102, Summit, NJ	CR7-2900
SC	Eugene Williams	Box 67, Seabrook, Tex	877-4531
Tenn	Eugene Williams	Box 67, Seabrook, Tex	877-4531
Tex	Eugene Williams	Box 67, Seabrook	877-4531
Utah	A E Bernhard	3717 Park Pl, Glendale 8, Cal	CH5-5524
Vt	L J LaBoule	Box 102, Summit, NJ	CR7-2900
Va	H W Calkins	3215 Longwood Dr, Pittsburgh 27, Pa	TU2-5977
Wash	A E Bernhard	3717 Park Pl, Glendale 8, Cal	CH5-5524
W Va	W H Martin	Box 332, Hiram, Ohio	LO9-7575
Wyo	A E Bernhard	3717 Park Pl, Glendale 8, Cal	CH5-5524
Foreign	Wm H Barry	Montchoisi 9, Lausanne, Switzerland	(021) 25 [illegible]83
Foreign	William Ramsden	Luton Rd, Harpenden, Herts, England	5201
	APPLIED TECHNOLOGY INC	**930 Industrial Ave, Palo Alto, Cal**	**DA1-5135**
	J Pettegrew #7 *18 D 670-895-1135-1410-1425-1660-1870		
Ariz	Robt S Miller Co	11505 W Jefferson Blvd. Culver City, Cal	EX1-7121
Cal	Robt S Miller Co	11505 W Jefferson Blvd. Culver City	EX1-7121
Colo	Robt S Miller Co	11505 W Jefferson Blvd. Culver City, Cal	EX1-7121
DC	D D Fryberger	1317 F St. NW, Washington	ST3-5332
NM	Robt S Miller Co	11505 W Jefferson Blvd. Culver City, Cal	EX1-7121
Ohio	Robert G Siff & Assoc, Inc	22 Oxford Ave. Dayton 7	CR8-4779
Utah	Robt S Miller Co	11505 W Jefferson Blvd. Culver City, Cal	EX1-7121
	APPROVED PLASTICS CO	**261 Railroad Ave, Stirling, NJ**	**MI7-0660**
	L Lordly #2 *8 A 120-320-1290		
	ARCH GEAR WORKS INC	**97 Holmes St. Quincy, Mass**	**GR1-9600**
	R Gray #20 *175 205-755-895-1735		
Cal	D Smith	1676 Superior Ave, Costa Mesa	[illegible]
Conn	Robert W Gray Inc	47 Dolwood St, Watertown, Conn	CI2-2963
DC	R W Gray Inc	47 Dolwood St, Watertown, Conn	CI2-2963
Fla	Arch Gear Inc	4336 E. 10th Ct, Hialeah, Fla	MU8-2538
Mass	Robert W Gray Inc	572 Washington St, Wellesley, Mass	CE5-5236
Mich	Jack Weston	32116 Red Clover Rd, Farmington, Mich	DI1-6716
NM	Robert Birdsong	P.O.Box 462, Caldwell, NJ	
•	**ARCO ELECTRONICS INC**	**Community Dr. Great Neck, NY**	**HU7-0500**
	H Rothenstein #6 *150 E 220-895-1200-1315		
Cal	Arco Capacitors Inc	1548 S. Robertson Blvd, LA 35	CR1-1151
Tex	Arco Electronics, Inc	1335 Crampton St. Dallas 7	RI8-7848
	ARCO TRANSFORMER & ELECTRIC CORP	**1602 S. Hanna St, Ft. Wayne, Ind**	**HA4113**
	320-1855		
Cal	Bill Connelly	Lamanda Los Angeles, Cal	RA[illegible]11
Ind	Elmer Jordan	2124 Glen Dr, Jackson, Mich	ST7[illegible]94
Mich	Elmer Jordan	2124 Glen Dr, Jackson, Mich	ST7[illegible]94
Ohio	Elmer Jordan	2024 Glen Dr, Jackson, Mich	ST7[illegible]94
	ARDENTE ACOUSTIC LABS LTD	**8/12 Minerva Rd, London N.W. 10, England**	**EL3923**
	B Morris #30 *300 E 320-475-895-1330-1735-1855		
DC	British Radio Electronics Ltd	1833 Jefferson Pl, N, Washington 6, DC	
	ARDWIN MICROLAB INC	**21 Spencer St, Stoneham 80, Mass**	**NO5-6330**
	L Bovier #4 *25 C 25-360-895-1045-1135		
Ala	Morris F Taylor Co	Georgia Ave. Silver Spring, Md	JU9-4[illegible]
Ariz	J C Simon	673 S La Brea Ave. LA, Cal	WE9-[illegible]
Ark	N S Brown Assoc	5862 Boca Raton Dr, Dallas, Tex	EM3-[illegible]
Cal	J C Simon Co	673 S La Brea Ave. LA	WE9-[illegible]
Conn	White Sales Co	PO Box 122, Berlin	BA4-[illegible]
Del	Morris F Taylor Co	Georgia Ave. Silver Spring, Md	JU9-4[illegible]
DC	Morris F Taylor Co	Georgia Ave. Silver Spring, Md	JU9-4[illegible]
Fla	Morris F Taylor Co	4804 Comoa St. Tampa	[illegible]
Ga	Morris F Taylor Co	358 Forrest Blvd. Decatur	[illegible]
Kan	N S Brown Assoc	5862 Boca Raton Dr. Dallas, Tex	EM3-[illegible]
Md	Morris F Taylor	Georgia Ave. Silver Spring	JU9-4[illegible]
Mo	N S Brown Assoc	5862 Boca Raton Dr, Dallas, Tex	EM3-[illegible]
Nev	J C Simon Co	673 S La Brea Ave. LA, Cal	WE9-[illegible]
NJ	Harold Martin Inc	165 Palisades Ave. Cresskill	LO7-[illegible]
NM	J C Simon Co	673 S La Brea Ave, LA, Cal	WE9-[illegible]
NY	Harold Martin Inc	165 Palisades Ave, Cresskill, NJ	LO7-[illegible]
NY	E R P Assoc	PO Box 23, Fayetteville	[illegible]
NC	Morris F Taylor	1224 Dresden Dr. W, Charlotte	[illegible]
Okla	N S Brown Assoc	5862 Boca Raton Dr. Dallas, Tex	EM3-[illegible]
Pa	Stuart R Myers	1026 Berlin Rd, Haddonfield, NJ	[illegible]
SC	Morris F Taylor	1224 Dresden Dr. W, Charlotte, NC	[illegible]
Tenn	Morris F Taylor	1224 Dresden Dr. W, Charlotte, NC	[illegible]

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Tex	N S Brown Assoc.	5652 Boca Raton Dr. Dallas	EM3-3698
Va	Morris F Taylor	Georgia Ave. Silver Spring, Md	JU9-4002
W Va	Morris F Taylor	Georgia Ave. Silver Spring, Md	JU9-4002
●	**ARENBERG ULTRASONIC LAB INC** #2 *15 A 50-450-895-1915	**94 Green St, Jamaica Plain 30, Mass**	**JA2-8640**
	ARGOS PRODUCTS CO, INC D MacLaughlin #1 *80 D 55-230-1675	**Genoa, Ill**	**4-5118**
Ala	Murphy & Cota	2110 Peachtree Rd, N.W. Atlanta, Ga	TR6-3020
Alas	M K Widdekind Co	222-1st Ave. N, Seattle 9, Wash	AT4-8020
Ariz	Wes Alderson Co	P.O. Box 34678, Los Angeles 34, Cal	UP0-1030
Ark	W R Hays Co	P.O. Box 12204, Dallas, Tex	EM3-2021
Cal	Wes Alderson Co	P.O. Box 34678, Los Angeles, Cal	UP0-1030
Cal	Meyer & Ross	113-10th St, San Francisco 3	HE1-0652
Colo	Koether-Cox Co	1325 S Inca St, Denver 23	PE3-5561
Conn	Coakley Sales Office	148 Needham St, Boston 61, Mass	DE2-4800
Del	Robert Finlay	Lincoln Bldg, Ridgewood, NJ	OL2-0088
DC	Robert Finlay	Lincoln Bldg, Ridgewood, NJ	OL2-0088
Fla	Murphy & Cota	2110 Peachtree Rd, N.W. Atlanta, Ga	TR6-3020
Ga	Murphy & Cota	2110 Peachtree Rd, N.W. Atlanta, Ga	TR6-3020
Haw	Meyer & Ross	113-10th St, San Francisco 3, Cal	HE1-0652
Idah	M K Widdekind Co	222-1st Ave N, Seattle 9, Wash	AT4-8020
Idah	Koether-Cox Co	1325 S Inca St, Denver 23, Colo	PE3-5561
Ill	G Mc L Cole Co	6514 W. Higgins, Chicago 31, Ill	SP4-3535
Ill	Clemenson-Larrabee Co	436 W. 79th St, Kansas City 10, Mo	JA3-3005
Ind	Southern Sales Co	Box 105, Angola, Ind	777
Iowa	Clemenson-Larrabee Co	436 E. 79th St, Kansas City 10, Mo	JA3-3005
Kan	Clemenson-Larrabee Co	436 E. 79th St, Kansas City 10, Mo	JA3-3005
Ky	Southern Sales Co	Box 105, Angola, Ind	777
La	W R Hays Co	P.O. Box 12204, Dallas, Tex	EM3-2021
Me	Coakley Sales Office	148 Needham, Boston 61, Mass	DE2-4800
Md	Robert Finlay	Lincoln Bldg, Ridgewood, NJ	OL2-0088
Mass	Coakley Sales Office	148 Needham St, Boston 61, Mass	DE2-4800
Mich	Butchart-Rathsburg Assoc	3539 Townsend Ave. Detroit 14	WA5-8850
Minn	Wm Engelbretson Co	906 Ottawa Ave, St. Paul 7, Minn	CA2-2338
Miss	Murphy & Cota	2110 Peachtree Rd, N.W. Atlanta, Ga	TR6-3020
Mo	Clemenson-Larrabee Co	436 E. 79th St, Kansas City 10, Mo	JA3-3005
Mont	M K Widdekind Co	222-1st Ave. N, Seattle 9, Wash	AT4-8020
Mont	Koether-Cox Co	1325 S Inca St, Denver 23, Colo	PE3-5561
Neb	Clemenson-Larrabee Co	436 E. 79th St, Kansas City 10, Mo	JA3-3005
Neb	Koether-Cox Co	1325 S Inca St, Denver 23, Colo	PE3-5561
Nev	Wes Alderson Co	P.O Box 34678, Los Angeles 34, Cal	UP0-1030
Nev	Meyer & Ross	113-10th St, San Francisco 3, Cal	HE1-0652
NH	Coakley Sales Office	148 Needham St, Boston 61, Mass	DE2-4800
NJ	Robert Finlay	Lincoln Bldg, Ridgewood, NJ	OL2-0088
NM	Koether-Cox Co	1325 S Inca St, Denver 23, Colo	PE3-5561
NY	Robert Finlay	Lincoln Bldg, Ridgewood, NJ	OL2-0088
NY	W J Callahan	107 Greenbridge Dr, Camillus	
NC	Murphy & Cota	2110 Peachtree Rd, N.W. Atlanta, Ga	TR6-3020
ND	Wm Engelbretson Co	906 Ottawa Ave, St. Paul 7, Minn	CA2-2338
Ohio	Neal Bear Corp	3435 Streetsboro Rd, W Richfield	OL9-3331
Okla	W R Hays Co	P.O. Box 12204, Dallas 30, Tex	EM3-2021
Ore	M K Widdekind Co	222-1st Ave N Seattle 9, Wash	AT4-8020
Pa	Robert Finlay	Lincoln Bldg, Ridgewood, NJ	OL2-0088
Pa	Neal Bear Corp	3435 Streetsboro Rd, W Richfield, Ohio	OL9-3331
RI	Coakley Sales Office	148 Needham St, Boston 61, Mass	DE2-4800
SC	Murphy & Cota	2110 Peachtree Rd, N.W. Atlanta, Ga	TR6-3020
SD	Wm Engelbretson Co	906 Ottawa Ave, St. Paul 7, Minn	CA2-2338
Tenn	Murphy & Cota	2110 Peachtree Rd, N.W. Atlanta, Ga	TR6-3020
Tex	Koether-Cox Co	1325 S Inca St, Denver 23, Colo	PE3-5561
Tex	W R Hays Co	P.O. Box 12204, Dallas 30, Tex	EM3-2021
Utah	Koether-Cox Co	1325 S Inca St. Denver 23, Colo	PE3-5561
Vt	Coakley Sales Office	148 Needham St, Boston 61, Mass	DE2-4800
Va	Robert Finlay	Lincoln Bldg, Ridgewood, NJ	OL2-0088
Wash	M K Widdekind Co	222-1St Ave N, Seattle 9	AT4-8020
W Va	Neal Bear Corp	3435 Streetsboro Rd, W Richfield, Ohio	OL9-3331
Wisc	G Mc L Cole Co	6514 W. Higgins, Chicago 31, Ill	SP4-3535
Wisc	Wm Engelbretson Co	906 Ottawa Ave, St. Paul 7, Minn	CA2-2338
Wyo	Koether-Cox Co	1325 S Inca St, Denver 23, Colo	PE3-5561
Can	Rutherford Agencies, Inc	Box 1013, St Laurent, Montreal 9, Que	RI7-5073
Can	Emerson Short	1156 Beechwood Cres, N Vancouver, BC	YU7-5965
Foreign	Robum Agencies Inc	431 Greenwich St, New York 13, NY	WO6-2130
	ARGUS CAMERAS, INC. DIV. SYLVANIA ELEC PRODS INC J Riggs 200-895-1015-1910	**405 4th St. Ann Arbor, Mich**	**NO2-6511**
	ARIES LABORATORIES INC H Isbestine 30-265-1290	**225 Greenwich Ave, Stamford, Conn**	**DA5-4124**
	ARLIN MFG CO J Mitchell 1290-1755	**12 Perkins St, Lowell, Mass**	**GL4-6751**
	ARMCO STEEL CORP M Wilson 1125-1085-1960	**703 Curtis St, Middletown, Ohio**	**GA2-2711**
Cal	Armco Steel Corp	7020 Milvia St, Berkeley 4	
Cal	Armco Steel Corp	3400 Wilshire Blvd. LA 5	
Colo	Armco Steel Corp	130 E 5th Ave. Denver 3	
Ga	Armco Steel Corp	1874 Peachtree Rd. NW, Atlanta 9	
Ill	Armco Steel Corp	20 N Wacker Dr. Chicago 6	
Ind	Armco Steel Corp	1839 N Meridian St. Indpls 2	
Ky	Armco Steel Corp	654 Starks Bldg. Louisville 2	
La	Armco Steel Corp	560 Oil & Gas Bldg. New Orleans 21	
Md	Armco Steel Corp	PO Box 1697, Baltimore 3	
Mass	Armco Steel Corp	470 Park Square Bldg. Boston 16	
Mich	Armco Steel Corp	17390 W 8 Mile Rd. Southfield	
Mich	Armco Steel Corp	455 Cherry St. SE, Grand Rapids 3	
Minn	Armco Steel Corp	1460 Rand Tower, Mpls 2	
Mo	Armco Steel Corp	7100 Roberts St. Kansas City 25	
Mo	Armco Steel Corp	10 S Brentwood Blvd. St Louis 5	
NY	Armco Steel Corp	704 Bank of Buffalo Bldg. Buffalo 2	
NY	Armco Steel Corp	Chrysler Bldg. New York 17	
NC	Armco Steel Corp	1834 Dembrola Rd. Greensboro	
Ohio	Armco Steel Corp	823 Delta Ave. Cinc 26	
Ohio	Armco Steel Corp	1516-20 B F Keith Bldg. Cleve 15	
Ohio	Armco Steel Corp	1030 Nw Blvd. Columbus 12	
Ohio	Armco Steel Corp	2901 Far Hills Ave. Dayton 19	
Okla	Armco Steel Corp	201 K O M E Bldg. Tulsa 3	
Pa	Armco Steel Corp	1508 Phila Natl Bank Bldg. Phila 7	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Pa	Armco Steel Corp	2 Gateway Center, Pittsburgh 22	
Tex	Armco Steel Corp	3631 Cedar Springs Rd. Dallas 19	
Tex	Armco Steel Corp	1306 C & I Life Bldg. Houston 2	
Wis	Armco Steel Corp	725 1st Wis Natl Bank Bldg. Milwaukee 2	
	ARMEC CORP W Allison A 195-360-895-915-1455-1810	**195 W. Hills Rd. Huntington Sta. NY**	**HA7-7787**
Ark	Dynasales Co	1226 S. Atlantic Blvd. LA 22, Cal	AN8-1175
	ARMEL ELECTRONICS INC D Gustafson #3 *75 65-345-1630-1780-1785	**1601 75th St. N. Bergen, NJ**	**UN9-4300**
Ariz	Rush & Kay Electronics Inc	3376 W. 1st St. LA 4, Cal	DU8-7111
Ark	Southern Ind. Electronics Inc	Box 35633, Dallas 35, Tex	FL2-3901
Cal	Rush & Kay Electronics Inc	3376 W. 1st St. LA 4	DU8-7111
Kan	Southern Ind. Electronics Inc	Box 35633, Dallas 35, Tex	FL2-3901
La	Southern Ind. Electronics Inc	Box 35633, Dallas 35, Tex	FL2-3901
Mo	Southern Ind. Electronics Inc	Box 35633, Dallas 35, Texas	FL2-3901
Nev	Rush & Kay Electronics Inc	3376 W. 1st St. LA 4, Cal	DU8-7111
Okla	Southern Ind. Electronics Inc	Box 35633, Dallas 35, Tex	FL2-3901
Tex	Southern Ind. Electronic Inc	Box 35633, Dallas 35	FL2-3901
	ARMSTRONG BROS TOOL CO 1825	**5200 W. Armstrong, Chicago 46, Ill**	**RO3-3333**
Cal	Armstrong Bros Tool Co	67 11th St, San Francisco 3, Cal	UN1-5837
NY	Armstrong Bros Tool Co	199 Lafayette St, New York 12, NY	CA6-5670
	ARMSTRONG CORK CO 30-750-1220-1290-1505-1545	**Lancaster, Pa**	**EX7-0611**
	ARMSTRONG PRODUCTS CO F Harrison *25 30-900-1290	**P.O. Box 1-EB, Warsaw, Ind**	**AM7-3226**
Ala	Brownell Inc. of Atlanta	690 Murphy Ave. SW. Atlanta, Ga	PL5-1681
Ariz	R S Hughes Co., Inc	4515 Alger St, Los Angeles 39, Cal	CH5-6621
Cal	R S Hughes Co., Inc	4515 Alger St, Los Angeles 39, Cal	CH5-6621
Colo	R S Hughes Co. Inc	2611 W. 9th Ave. Denver	CH4-4267
Conn	Brownell Inc	85 10th Ave. NY 11, NY	WA4-6000
Del	Brownell Inc	85 10th Ave. NY 11, NY	WA4-6000
DC	Brownell Inc	85 10th Ave. NY 11, NY	WA4-6000
Fla	Brownell Inc of Atlanta	307 27th St. Orlando	GA4-5634
Ga	Brownell Inc of Atlanta	690 Murphy Ave. SW. Atlanta	PL5-1681
Idah	R S Hughes Co., Inc	4515 Alger St. LA, Cal	CH5-6621
La	Brownell Inc of Atlanta	690 Murphy Ave. SW. Atlanta, Ga	PL5-1681
Me	Brownell Inc of New England	271 Vassar St. Cambridge, Mass	UN4-7500
Md	Brownell Inc	85 10th Ave. NY 11, NY	WA4-6000
Mass	Brownell Inc of New England	271 Vassar St. Cambridge	UN4-7500
Miss	Brownell Inc of Atlanta	690 Murphy Ave. SW. Atlanta, Ga	PL5-1681
Mont	R S Hughes Co. Inc	564 College Ave. Palo Alto, Cal	DA6-2922
NH	Brownell Inc of New England	271 Vassar St. Cambridge, Mass	UN4-7500
Nev	R S Hughes Co., Inc	4515 Alger St, Los Angeles 39, Cal	CH5-6621
NJ	Brownell Inc	85 10th Ave. NY 11, NY	WA4-6000
NM	R S Hughes Co., Inc	4515 Alger St, Los Angeles 39, Cal	CH5-6621
NY	Brownell Inc	85 10th Ave. NY 11	WA4-6000
NC	Brownell Inc of Atlanta	690 Murphy Ave. SW. Atlanta, Ga	PL5-1681
Ore	R S Hughes Co., Inc	1107 Bailey St, Seattle, Wash	PA5-5750
Pa	Brownell Inc	85 10th Ave. NY 11, NY	WA4-6000
RI	Brownell Inc	85 10th Ave. NY 11, NY	WA4-6000
SC	Brownell Inc of Atlanta	690 Murphy Ave. SW. Atlanta, Ga	PL5-1681
Tenn	Brownell Inc of Atlanta	690 Murphy Ave. SW. Atlanta, Ga	PL5-1581
Utah	R S Hughes Co., Inc	4515 Alger St, Los Angeles 39, Cal	CH5-6621
Vt	Brownell Inc of New England	271 Vassar St. Cambridge, Mass	UN4-7500
Va	Brownell Inc	85 10th Ave. NY 11, NY	WA4-6000
Wash	R S Hughes Co., Inc	1107 Bailey St, Seattle, Wash	PA5-5750
W Va	Brownell Inc	85 10th Ave. NY 11, NY	WA4-6000
Wyo	R S Hughes Co. Inc	564 College Ave. Palo Alto, Cal	DA6-2922
	ARMSTRONG RESINS INC 1075	**Box 1-EB, Warsaw, Ind**	**AM7-3226**
Okla	Butts Electrical Supply Co	101 N. Pennsylvania, Okla. City 4	CE9-1311
	ARMSTRONG WHITWORTH EQPT P Emmett #60 *600 D 50-250-280-325-338-360-895-1330-1425-1555-1735-1850-1920-1960	**Hucclecote, Gloucester, Eng**	**GL6-6781**
	ARNHOLD CERAMICS INC *4 220-1330-1475-1675	**1 E. 57th St, New York 22, NY**	**PL5-8213**
Alas	Audio Design Co	5908 California Ave. Seattle, Wash	WE5-8204
Ala	Ridge Instrument Co	162 Talmadge Rd, Oak Ridge, Tenn	OA5-3333
Ariz	James C Gray Co	P.O. Box 3036, Denver, Colo	EA2-7917
Cal	The Charrett Co	7410 W. 85th St, Los Angeles, Cal	SP6-2665
Cal	Win W Tompkins Co	2563 Birch St, Palo Alto, Cal	DA6-7940
Cal	Claude C Frantz Co	701 S. Gramercy Dr, Los Angeles, Cal	DU7-1166
Cal	Nickerson Gray & Associates	P.O. Box 295, Sta A, Palo Alto, Cal	
Colo	James E Gray Co	P.O. Box 3036, Denver, Colo	EA2-7917
Conn	Saunders & Co	8 Prospect St, Waltham, Mass	TW4-6071
Ga	Ridge Instrument Co	162 Talmadge Rd, Oak Ridge, Tenn	OA5-3333
Idah	Audio Design Co	5908 California Ave. Seattle, Wash	WE5-8204
Idaho	James E Gray Co	P.O. Box 3036, Denver, Colo	EA3-7917
Ill	Albert H Bruning Co	1758 Lawrence Ave, Chicago, Ill	
Ind	Doug Cook & Associates	3055 N. Meridian St, Indianapolis, Ind	
Ky	Doug Cook & Associates	3055 N. Meridian St, Indianapolis, Ind	
Me	Saunders & Co	8 Prospect St, Waltham, Mass	TW4-6071
Mass	Saunders & Co	8 Prospect St, Waltham, Mass	TW4-6071
Mont	James E Gray Co	P.O. Box 3036, Denver, Colo	EA2-7917
NH	Saunders & Co	8 Prospect St, Waltham, Mass	TW4-6071
NM	James E Gray Co	P.O. Box 3036, Denver, Colo	EA2-7917
NY	Irving Becker Co	635 E. 14th St, New York City, NY	PL7-6454
Ohio	Edward E Becx & Associates	3870 W. 212th St, Cleveland, Ohio	ED1-5212
Okla	Tom Spivey Co	P.O. Box 13321, Houston, Tex	
Ore	Audio Design Co	5908 California Ave. Seattle, Wash	WE5-8204
SC	Ridge Instrument Co	162 Talmadge Rd, Oak Ridge, Tenn	OA5-3333
Tenn	Ridge Instrument Co	162 Talmadge Rd, Oak Ridge, Tenn	OA5-3333
Tex	Tom Spivey Co	P.O. Box 13321, Houston, Tex	
Tex	Lloyd C Cole Co	P.O. Box 514, Denton, Tex	
Utah	James E Gray Co	P.O. Box 3036, Denver, Colo	EA2-7917
Vt	Saunders & Co	8 Prospect St, Waltham, Mass	TW4-6071
Wash	Audio Design Co	5908 California Ave. Seattle, Wash	WE5-8204
Wyo	James E Gray Co	P.O. Box 3036, Denver, Colo	EA2-7917

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
●	**ARNOLD ENGINEERING CO** B Falk #20 *800 G 380-1005-1125-1760-1915	**P.O. Box G, Marengo, Ill**	**AN3-6300**
Ala	Arnold Engineering Co	20 E. Martin St, Raleigh, NC	VA8-3270
Ariz	Arnold Eng Co., The	1551 E Orangethorpe Ave. Fullerton, Cal	TR1-1560
Ark	Southwest Electronic Industries	The Meadows Bldg, Dallas 6, Tex	EM3-1671
Cal	Arnold Eng Co., The	1551 E Orangethorpe Ave. Fullerton	TR1-1560
Colo	Arnold Eng Co., The	6107 Troost Ave. Kansas City 10, Mo	HI4-7839
Conn	Arnold Eng Co., The	610 E Palisade Ave. Englewood Cliffs, NJ	LO7-4640
Del	Arnold Engineering Co	20 E. Martin St, Raleigh, NC	VA8-3270
DC	Arnold Engineering Co	20 E. Martin St, Raleigh, NC	VA8-3270
Fla	Arnold Eng Co., The	20 E Martin St. Raleigh, NC	VA8-3270
Ga	Arnold Engineering Co	20 E. Martin St, Raleigh, NC	VA8-3270
Idah	Arnold Eng Co., The	3327 W H Stuart Bldg. Seattle, Wash	MU2-2297
Ind	Arnold Engineering Co	1801 E. DeLoss St, Indianapolis, Ind	ME9-5231
Iowa	Arnold Eng Co., The	6107 Troost Ave. Kansas City 10, Mo	HI4-7839
Ky	Arnold Engineering Co	1801 E. DeLoss St, Indianapolis, Ind	ME9-5231
La	Southwest Electronic Industries	The Meadows Bldg, Dallas 6, Tex	EM3-1671
Me	Arnold Engineering Co	49 Waltham St, Lexington, Mass	VO2-2804
Md	Arnold Engineering Co	20 E. Martin St, Raleigh, NC	VA8-3270
Mass	Arnold Engineering Co	49 Waltham St, Lexington, Mass	VO2-2804
Mich	Arnold Engineering Co	1304 W. Michigan Ave, Jackson, Mich	ST4-5653
Minn	Frank B Elam	6104 Walker St, Minneapolis 16, Minn	WE9-5141
Mo	Arnold Eng Co., The	6107 Troost Ave. Kansas City 10	HI4-7839
Mont	Arnold Eng Co., The	3327 W H Stuart Bldg. Seattle, Wash	MU2-2297
Neb	Arnold Eng Co., The	6107 Troost Ave. Kansas City 10, Mo	HI4-7839
Nev	Arnold Eng Co., The	1551 E Orangethorpe Ave. Fullerton, Cal	TR1-1560
NH	Arnold Engineering Co	49 Waltham St, Lexington, Mass	VO2-2804
NJ	Arnold Eng Co., The	610 E Palisade Ave. Englewood Cliffs	LO7-4640
NM	Arnold Eng Co., The	1551 E Orangethorpe Ave. Fullerton, Cal	TR1-1560
NY	Brace-Mueller-Huntley Inc	1807 Elmwood Ave, Buffalo 7, NY	VI8700
NC	Arnold Engineering Co	20 E. Martin St, Raleigh, NC	VA8-3270
ND	Arnold Eng Co., The	6107 Troost Ave. Kansas City 10, Mo	HI4-7839
Ohio	Arnold Engineering Co	8905 Lake Ave, Cleveland 2, Ohio	OL1-1242
Okla	Southwest Electronic Industries	The Meadows Bldg, Dallas 6, Tex	EM3-1671
Ore	Arnold Eng Co., The	435 Terminal Sales Bldg. Portland 5	CA8-2784
Pa	Arnold Engineering Co	610 E. Palisade Ave, Englewood, NJ	LO7-4640
Pa	Brace-Mueller-Huntley Inc	1807 Elmwood Ave, Buffalo 7, NY	VI8700
Pa	Arnold Engineering Co	8905 Lake Ave, Cleveland 2, Ohio	OL1-1242
RI	Arnold Engineering Co	49 Waltham St, Lexington, Mass	VO2-2804
SC	Arnold Engineering Co	20 E. Martin St, Raleigh, NC	VA8-3270
SD	Arnold Eng Co., The	6107 Troost Ave. Kansas City 10, Mo	HI4-7839
Tenn	Arnold Engineering Co	20 E. Martin St, Raleigh, NC	VA8-3270
Tex	Southwest Electronic Industries	The Meadows Bldg, Dallas 6, Tex	EM3-1671
Utah	Arnold Eng Co., The	1551 E Orangethorpe Ave. Fullerton, Cal	TR1-1560
Vt	Arnold Engineering Co	49 Waltham St, Lexington, Mass	VO2-2804
Va	Arnold Engineering Co	20 E. Martin St, Raleigh, NC	VA8-3270
Wash	Arnold Eng Co., The	3327 White Henry Stuart Bldg. Seattle 1	MU2-2297
W. Va	Arnold Engineering Co	20 E Martin St, Raleigh, NC	VA8-3270
Wisc	Frank W Ladky Associates Inc	4614 N. Wilson Dr, Milwaukee 4, Wisc	WO2-2940
Wyo	Arnold Eng Co., The	6107 Troost Ave. Kansas City 10, Mo	HI4-7839
Canada	Bayly Engineering Ltd	Ajax, Ontario, Canada	EM2-3741
For	Sylvan Ginsbury Ltd	8 W 40th St. New York 18, NY	LO4-7585
	ARNOLD ENG. CO. PACIFIC DIV R Totherow 210-380-790-900-1575-1580	**1551 E Orangethorpe Ave. Fullerton, Cal**	**TR1-1560**
Cal	Arnold Engineering Co., The	701 Welch Rd. Palo Alto	DA6-9302
Colo	Arnold Eng. Co., The	6107 Troost Ave. KC 10, Mo	HI4-7839
Ore	Arnold Eng. Co., The	435 Terminal Sales Bldg. Portland 5	CA8-2784
Wash	Arnold Eng. Co., The	3327 White Henry Stuart Bldg. Seattle 1	MU2-2297
●	**ARNOLD MAGNETICS CORP** J Botte #5 *45 D 320-365-1075-1145-1340-1420-1855	**6050 W. Jefferson, L A 16, Cal**	**VE7-5313**
Kan	Factors Inc	Box 3067, Wichita	MU3-6596
Mich	R V Riper Sales	1842 Newton SE. Grand Rapids 6	GL2-0464
NY	Rever Assoc	175 Willow St. Garden City	GL2-0464
Ohio	Dayton Associates	3617 Snow Rd, Cleveland 34, Ohio	TU6-3575
Ohio	Dayton Associates	1318 Talbott Tower, Dayton 2, Ohio	BA3-9621
Ohio	Dayton Associates	4924 Zula Ave, Cincinnati 38, Ohio	BL1-7349
Wash	Factors Assoc	Box 837, Bellevue	GI4-9571
Foreign	Sylvan Ginsbury Ltd	8 W. 40th St. New York 18, NY	LO4-7585
	ARNOUX CORP 175-185-190-325-330-338-345-360-365-430-470-585-800-895-1125-1340-1425-1545-1850-1855	**11924 W. Washington Blvd, Los Angeles 66, Cal**	**UP0-5371**
Alaska	Hawthorne Electronics	700 S. E. Hawthorne, Portland 14, Ore	
Cal	H W Ruby Associates	802 Foothill Blvd, LaCanada, Cal	MU1-5845
Colo	Barnhill Associates	1170 S. Sheridan Blvd, Denver 26, Colo	WE5-4646
Conn	General Measurements Co	1108 Beacon St, Newton Highlands, Mass	WO9-9150
Fla	Perrott Associates	1224 E. Colonial Dr, Orlando, Fla	GA4-5744
Idaho	Barnhill Associates	1170 S. Sheridan Blvd, Denver 26, Colo	WE5-4646
Ill	Design & Sales Engineering Co	7603 Forsyth Blvd, St. Louis 5, Mo	PA1-6403
Iowa	Design & Sales Engineering Co	7603 Forsyth Blvd, St. Louis 5, Mo	PA1-6403
Kan	Design & Sales Engineering Co	7603 Forsyth Blvd, St. Louis 5, Mo	PA1-6403
Me	General Measurements Co	1108 Beacon St, Newton Highlands, Mass	WO9-9150
Mass	General Measurements Co	1108 Beacon St, Newton Highlands	WO9-9150
Mo	Design & Sales Engineering Co	7603 Forsyth Blvd, St. Louis 5, Mo	PA1-6403
Neb	Design & Sales Engineering Co	7603 Forsyth Blvd, St. Louis 5, Mo	PA1-6403
NH	General Measurements Co	1108 Beacon St, Newton Highlands, Mass	WO9-9150
NJ	Travco Associates	148-03 Hillside Ave, Jamaica 35, NY	OL7-8630
NJ	Fred F Bartlett Co	P.O. Box 126, Wayne, Pa	
NM	Barnhill Associates	1170 S. Sheridan Blvd, Denver 26, Colo	WE5-4646
NY	Travco Associates	148-03 Hillside Ave, Jamaica 35, NY	OL7-8630
Ohio	Fred R Sharp Co	2138 Lee Rd, Cleveland 18, Ohio	
Pa	Fred R Sharp Co	2138 Lee Rd, Cleveland 18, Ohio	
Pa	Fred F Bartlett Co	P.O. Box 126, Wayne, Pa	
RI	General Measurements Co	1108 Beacon St, Newton Highlands, Mass	WO9-9150
Vt	General Measurements Co	1108 Beacon St, Newton Highlands, Mass	WO9-9150
Wash	Hawthorne Electronics	700 S.E. Hawthorne, Portland 14, Ore	
Canada	Hawthorne Electronics	700 S.E. Hawthorne, Portland 14, Ore	
●	**ARRA CORP** P Bleifer #2 *15 C 25-345-500-1135-1885	**27 Bond St. Westbury, NY**	**ED4-8770**
Ala	Argus Industries, Inc	Atlanta, Ga	
Ariz	Bowden Eng & Sales Co	8900 Snowheights Dr. NE, Albuquerque, NM	299-0473
Ark	Fred Griss & Co	P.O. Box 1928, Dallas 21, Tex	FL1-1837
Cal	West Elmer Inc	4961 Sunset Blvd, L A 46, Cal	CR4-7511
Colo	Bowden Eng & Sales Co	8900 Snowheights Dr NE, Albuquerque, NM	299-0473

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Conn	Measurement Eqpt Co., Inc	244 Main St, North Reading, Mass	RE2-4520
Del	Argus Industries, Inc	PO Box 68, Warminster, Pa	OS5-4131
DC	Argus Industries, Inc	PO Box 68, Warminster, Pa	OS5-4131
Fla	Argus Industries, Inc	Orlando	
Ga	Argus Industries, Inc	Atlanta	
Ill	Claude Booth & Associates	4000 W. North Ave, Chicago, Ill	CA7-2800
Ind	Lionel H Schwartz	384 W 1st St, Dayton 2, Ohio	BA4-9192
Iowa	Maury E Bettis Co	3706 Broadway, Kansas City 11, Mo	LO1-0772
Kan	Maury E Bettis Co	3706 Broadway, Kansas City 11, Mo	LO1-0772
Ky	Lionel H Schwartz	384 W 1st St, Dayton 2, Ohio	BA4-9192
La	Fred Gross & Co	P.O. Box 2926, Dallas 21, Tex	FL1-1837
Me	Measurement Eqpt Co., Inc	244 Main St, North Reading, Mass	RE2-4520
Md	Argus Industries, Inc	PO Box 68, Warminster, Pa	OS5-4131
Mass	Measurement Eqpt Co., Inc	244 Main St, North Reading	RE2-4520
Mich	Lionel H Schwartz	384 W 1st St, Dayton 2, Ohio	BA4-9192
Mo	Maury E Bettis Co	3706 Broadway, Kansas City 11	LO1-0772
Neb	Maury E Bettis Co	3706 Broadway, Kansas City 11, Mo	LO1-0772
NH	Measurement Eqpt Co., Inc	244 Main St, North Reading, Mass	RE2-4520
NJ	Argus Industries, Inc	PO Box 68, Warminster, Pa	OS5-4131
NM	Bowden Eng & Sales Co	8900 Snowheights Dr NE, Albuquerque	299-0473
NY	H A F Assoc	430 E 86th St, New York 28	RE7-5860
NC	Argus Industries, Inc	Atlanta, Ga	
Ohio	Lionel H Schwartz	384 W 1st St, Dayton 2	BA4-9192
Okla	Fred Gross & Co	PO Box 2926, Dallas 21, Tex	FL1-1837
Ore	Assoc Industries	1752 Rainier Ave, Seattle 44, Wash	EA5-4400
Pa	Argus Industries, Inc	PO Box 68, Warminster	OS5-4131
RI	Measurement Eqpt Co., Inc	244 Main St, North Reading, Mass	RE2-4520
SC	Argus Industries, Inc	Atlanta, Ga	
Tenn	Argus Industries, Inc	Atlanta, Ga	
Tex	Fred Gross & Co	P.O. Box 2926, Dallas 21, Tex	FL1-1837
Vt	Measurement Eqpt Co., Inc	244 Main St, North Reading, Mass	RE2-4520
Va	Argus Industries, Inc	PO Box 68, Warminster, Pa	OS5-4131
Wash	Assoc Industries	1752 Rainier Ave, Seattle 44	EA5-4400
W Va	Assoc Industries	1752 Rainier Ave, Seattle 44, Wash	EA5-4400
Wis	Claude Booth & Associates	4000 W. North Ave, Chicago, Ill	CA7-2800
For	Daiwa Shoji Kaisha, Ltd	Box Nihonbashi 173, Tokyo, Jap	241-9161

ARRO EXPANSION BOLT CO ..... PO Box 388, Marion, Ohio DU3-1154
W Eikenbary #2 *47 E 125

ARROW-HART & HEGEMAN ELECTRIC CO ..... 103 Hawthorn St, Hartford 6, Conn CH9-8471
360-1460-1630-1735-1785

ART WIRE & STAMPING CO ..... 227 High St, Newark 2, NJ HU4-2100
F Riedesel #3 *150 345-790-1125-1350-1635-1875-1960-1970

ARTISAN ELECTRONICS CORP ..... 171 Ridgedale Ave, Morristown, NJ JE8-8500
D Picker #5 *50 D 1460-1645

TERR			TEL. NO.
Cal	Allen Cochrane Co	2215 E. El Camino, San Mateo, Cal	FI5-7981
Cal	Claude C Franz Co	703 Gramercy Dr, Los Angeles, Cal	DU7-1166
Conn	Zastow Sales Co	108 Foxcroft Rd, W Hartford	
Del	Tyler Griffin Co	32 Fairfield Rd, Devon, Pa	MU8-4821
DC	Tyler Griffin Co	32 Fairfield Rd, Devon, Pa	MU8-4821
Kan	Sobel & Assoc	7800 Forsyth Blvd, Clayton 5, Mo	
Ky	Frederick & Nearing Co	4429 Bridgetown Rd, Cinc, Ohio	
Me	Zastow Sales Co	108 Foxcroft Rd, W Hartford, Conn	
Md	Tyler Griffin Co	32 E. Fairfield Rd, Devon, Pa	MU8-4821
Mass	Wyn Gay	371 Howard St, Northboro	
Mich	J L Montgomery Co	PO Box 36, Birmingham	
Minn	Burleigh Wright	4817 Royal Oaks Dr, Hopkins	
Mo	Sobel & Assoc	7800 Forsyth Blvd, Clayton 5	
NH	Zastow Sales Co	108 Foxcroft Rd, W Hartford, Conn	
NJ	Frank Tylinski Co	73-63 Bell Blvd, Bayside 64, NY	
NJ	Frank Tylinski Co	73-63 Bell Blvd, Bayside 64, NY	HO4-8827
NY	Frank Tylinski Co	73-63 Bell Blvd, Bayside 64, NY	HO4-8827
Ohio	Frederick & Nearing Co	4429 Bridgetown Rd, Cinc	
Pa	Tyler Griffin Co	32 E. Fairfield Rd, Devon, Pa	MU8-4821
RI	Zastow Sales Co	108 Foxcroft Rd, W Hartford, Conn	
RI	Automation Services Co	348 Forest St, Rockland, Mass	TR7-4192
Va	Tyler Griffin Co	32 E. Fairfield Rd, Devon, Pa	MU8-4821
Vt	Zastow Sales Co	108 Foxcroft Rd, W Hartford, Conn	
Wash	Tyler Griffin Co	32 E. Fairfield Rd, Devon, Pa	MU8-4821
Wis	Frank C DuBois	5915 W Wisconsin Ave, Milwaukee 13	

ARTISAN METAL WORKS CO ..... 11410 Madison Ave, Cleveland 2, Ohio LA1-6173
D MacRitchie #3 *100 E 180-260-520-1390

ARTOS ENGINEERING CO ..... 2757 S. 28 St, Milwaukee 46, Wis MI5-6010
H Reeder #10 *175 E 1075-1715

TERR			TEL. NO.
Conn	Artos Eng. Co	65 Research Dr, Stamford	DA4-9937
Ill	Artos Eng. Co	9109 N. Luna Ave, Morton Grove	YO6-8172

ARTRONIC INSTRUMENT CO ..... 11232 Triangle La, Silver Spring, Md LO5-4447
M Pugh 330-450-1150-1200-1810-1855

ARTTED CO., INC ..... 367 Worthington St, Springfield 3, Mass RE3-3944
A Demers #4 *110 E 45-320-585-670-1125-1135-1830-1850-1855

TERR			TEL. NO.
Conn	Matthews Electronics	P.O. Box 707 Canaan, Conn	TA4-7215
Ind	Ralph J Haffey Co	6629 Coldwater Rd, Fort Wayne, Ind	TR7261
Md	Hayes Electronics	520 Allegheny Ave, Towson	VA5-8637
Mass	Hathaway Electronics	28 Main St, Cambridge, Mass	KI7-0380
NJ	Frank Higgins	1801 W High St, Haddon Heights	LI7-4272
Pa	Ray T Pearson	1125 York Rd, Abington, Pa	TU7-0188

ARVEY CORP ..... 3500 N. Kimball Ave, Chicago 18, Ill IN3-1400
P Decker #4 *1000 G 378

TERR			TEL. NO.
Cal	Paul Burleigh & Associates	1709 W 8th St, Los Angeles 17, Cal	HU3-0285
NJ	Alvey Corp	300 Communipaw Ave, Jersey City 4, NJ	DE3-5000
Ohio	Leslie Winrose	2139 Lee Rd, Cleveland Hts 18, Ohio	YE2-7979

ARVIN INDUSTRIES INC ..... Columbus, Ind DR2-7271
J Crouch #50 *4,000 G 180-895-1120-1255-1425

ARWOOD CORP ..... 321 W. 44th St, New York 36, NY JU2-4210
G Main #31 *900 G 233

TERR			TEL. NO.
Cal	Pacific Component Sales	315 N. 5 St, Los Angeles, Cal	MA2-0808
Cal	George H Marte	825 N Mountainview Pl, Fullerton	TR1-2140
Cal	L & L Assoc	4444 Piedmont Ave, Oakland	OL3-0255
Conn	Engineered Specialties Co	378 N. Cherry St, Wallingford, Conn	CO9-2076

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Fla	Mosco Inc	2612 Jewel Rd, Largo	584-1171
Ill	E E Gregory & Co	332 S. Michigan Ave, Chicago 4, Ill	WA2-2677
Ind	H W Oxley & Co	705 Thornwood, Crawfordsville, Ind	EM2-0800
Md	W R Mc Clernan	Box 4592, Baltimore 12, Md	ID5-3897
Mass	Brown-Pfau	30 Eastbrook Rd, Shrewsbury, Mass	VI5-3671
Mich	Carl H Schmidt Co	16435 W. 8 Mile Rd, Detroit 35, Mich	BR3-8500
Minn	R C Eide Inc	219 Washington Ave, N., Minneapolis 1	FE8-4846
Mo	Hollingsworth & Co	25 S. Bemiston, St. Louis 5, Mo	PA5-4802
NJ	Orsi-Bowker	35 Lackawanna Pl, Bloomfield, NJ	PI8-7850
NM	Elmer W Menefee	PO Box 3233, Sta D, Albuquerque	AM8-8859
NY	Stampress Eng Co	468 Monroe Ave, Rochester 2	DU1-2620
NC	G T Patton & Associates	Municipal Airport Term, Charlotte, NC	EX2-1211
NY	Associated Sales Co	2851 Morgan Dr, Forest City, Wantagh	SU1-6524
Ohio	Bronson & Co	797 W. Main St, Akron 11, Ohio	PO3-7467
Pa	A R Diamond	259 W Johnson St, Phila 44	GE8-2850
Tex	Standard Parts & Equipment Co	504 N. Main St, Fort Worth, Tex	ED6-2521
Tex	Vlecu Eng Co	3311 W Alabama, Houston 6	JA3-0144
Wash	The Houston Co	N. Annex, King Co Airp, Seattle, Wash	PA5-7990
Wis	R L Hundley Co	7844 W Appleton St, Milwaukee	HO1-9600

ASCOP DIV ELECTRO-MECHANICAL RESEARCH INC ..... P.O. Box 44, Princeton, NJ SW9-1000
325-330-338-360-365-440-670-895-1735-1850-1870-1880

ASHEVILLE-SCHOONMAKER MICA CO ..... 900 Jefferson Ave, Newport News, Va CH4-7311
J Brown #2 *250 E 900-1875-1890-1940

TERR			TEL. NO.
Ariz	Marwood Limited	320 E. 3rd St, Los Angeles 13, Cal	
Cal	Marwood Limited	320 E. 3rd St, Los Angeles 13, Cal	
Cal	Marwood Limited	357 9th St, San Francisco 3, Cal	HE1-7893
Del	John M Hansen	P.O. Box 329, Brielle, NJ Manasquan Castle 3-1881	
Idaho	Marwood Limited	209 S. W. 1st Ave, Portland, Ore	
Ill	R F Grindstaff/J H Steeher	1608 N Meade Ave, Chicago 39	BE7-7373
Me	Charles P Barry	271 Church St, New York 13, NY	WO6-4550
Md	John M Hansen	P.O. Box 329, Brielle, NJ Manasquan Castle 3-1881	
Mass	Charles P Barry	271 Church St, New York 13, NY	WO6-4550
Nev	Marwood Limited	357 9th St, San Francisco 3, Cal	HE1-7893
NH	Charles P Barry	271 Church St, New York 13, NY	WO6-4550
NJ	C P Barry, J M Hansen	271 Church St, New York 13, NY	WO6-4550
NY	J M Hansen	P.O. Box 329, Brielle, NJ Manasquan Castle 3-1881	
NY	Charles P Barry	271 Church St, New York 13, NY	WO6-4550
Ore	Marwood Limited	209 S.W. 1st Ave, Portland, Ore	
Pa	John M Hansen	P.O. Box 329, Brielle, NJ	CA3-1881
RI	Charles P Barry	271 Church St, New York 13, NY	WO6-4550
Tex	Lawrence Sales Co	P.O. Box 19026, Dallas, Tex	FL2-7484
Vt	Charles P Barry	271 Church St, New York 13, NY	WO6-4550
Wash	Marwood Limited	1714 1st Ave S., Seattle 4, Wash	

ASHLAND ELECTRIC PRODUCTS INC ..... 32-32 Queens Blvd, Long Island City 1, NY EX2-4010
T Breech #3 *125 E 105-1165

TERR			TEL. NO.
Ala	Lynd A Walking & Assoc	606 Andrew Jackson Way, Huntsville	534-3530
Cal	Charles L Rapp Co	11338 Santa Monica Blvd, LA 25	GR2-5940
Cal	William J Purdy Co	312 Seventh St, San Francisco	UN3-3000
Colo	Ruehle Sales Co	485 S Leyden St, Denver	DU8-3125
Conn	Henry Lavin Assoc	PO Box 196, Meriden	BE7-5527
Del	Danco Corp	Fairview Village, Pa	BR5-2800
DC	Danco Corp	Fairview Village, Pa	BR5-2800
Fla	Jack Geartner Co	270 Lincoln Rd, Miami Beach	JE8-7200
Ga	Lynd A Walking & Assoc	PO Box 3045, Atlanta	DR3-8346
Idaho	Ruehle Sales Co	485 S Leyden St, Denver, Colo	DU8-3125
Ill	S Dolin Sales Co	2033 W. Peterson Ave, Chicago	JU8-7878
Ind	Morris Cunningham & Assoc	6208 N College Ave, Indpls	
Iowa	Samuel Sargis	7125 N Lawndale Ave, Skokie, Ill	OR4-8606
Ky	Westerkamp & Assoc	5643 Maple Ridge Dr, Cinc, Ohio	LO1-4429
Me	Henry Lavin Assoc	PO Box 196, Meriden, Conn	BE7-5527
Md	Danco Corp	Fairview Village, Pa	BR5-2800
Mass	Henry Lavin Assoc	PO Box 196, Meriden, Conn	BE7-5527
Minn	D Dolin Sales	5219 Hopkins Ave, Milwaukee, Wis	
Mont	Ruehle Sales Co	485 S Leyden St, Denver, Colo	DU8-3125
Neb	Ruehle Sales Co	485 S Leyden St, Denver, Colo	DU8-3125
Nev	William J Purdy Co	312 7th St, SF, Cal	UN3-3000
NH	Henry Lavin Assoc	PO Box 196, Meriden, Conn	BE7-5527
NJ	Danco Corp	Fairview Village, Pa	BR5-2800
NM	Ruehle Sales Co	485 S Leyden St, Denver 22, Colo	DU8-3125
NC	Lynd A Walking & Assoc	PO Box 3045, Atlanta, Ga	DR3-8346
Ohio	Westerkamp & Assoc	5643 Maple Ridge Dr, Cinc	LO1-4429
Okla	Samuel Sargis	7125 N Lawndale Ave, Skokie, Ill	OR4-8606
Pa	Danco Corp	Germantown Pike, Fairview Village	BR5-2800
Pa	Westerkamp & Assoc	5643 Maple Ridge Dr, Cinc 27, Ohio	LO1-4429
RI	Henry Lavin Assoc	PO Box 196, Meriden, Conn	BE7-5527
SC	Lynd A Walking & Assoc	PO Box 3045, Atlanta 17, Ga	DR3-8346
Tenn	Lynd A Walking & Assoc	PO Box 3045, Atlanta, Ga	DR3-8346
Tex	Samuel Sargis	7125 N Lawndale Ave, Skokie, Ill	OR4-8606
Utah	Ruehle Sales Co	485 S Leyden St, Denver, Colo	DU8-3125
Vt	Henry Lavin Assoc	PO Box 196, Meriden, Conn	BE7-5527
Wis	D Dolin Sales	5219 Hopkins Ave, Milwaukee	
Wyo	Ruehle Sales Co	485 S Leyden St, Denver, Colo	DU8-3125

ASSEMBLY PRODUCTS INC ..... 75 Wilson Mills Rd, Chesterland 6, Ohio HA3-3131
R Paysley #40 *310 E 360-895

TERR			TEL. NO.
Cal	Electronic Engrg Associates Ltd	1295 Laurel St, San Carlos	LY3-2199
Cal	Hafstrom-Thompson Assoc	7460 Girard Ave, LaJolla	GL4-1885
Cal	Hafstrom-Thompson Co	16112 Ventura Blvd, Encino	ST8-7800
Colo	Bowden Engineering & Sales Co	15 S Cleveland Place, Denver 2	ALS-7144
Ill	Lou Israel	1509 N Lockwood Ave, Chicago 51	NA2-6378
Mass	Electronic Sales & Services	30 Huntington Ave, Boston	KE6-6861
NJ	Tom Seiler	277 Franklin Ave, Wyckoff, NJ	TW1-1890
NM	Bowden Engineering & Sales Co	8900 Snowheights NE, Albuquerque	AX9-0473
NY	Technical Sales, Inc	2900 Erie Blvd E, Syracuse 3	GR2-7524
Pa	Lloyd Rowe	309 Lindsay St, Ridley Park, Pa	LE4-8792
Tex	Carey-Neff Co	Box 4072, Ft. Worth, Tex	PE8-1702
Wash	Compronics	2 Harford St, Seattle 4	MA4-5136
Canada	Automotive Engrg Prods Ltd	347 Hymus Blvd, Pointe Claire, Que, Can	ME3-4299
Canada	Automotive Engrg Prods Ltd	1902-A Avenue Rd, Toronto, Ont, Canada	RU3-4288

ASSOCIATED AMERICAN WINDING MACHINERY INC ..... 754 St. Ann's Ave, New York 56, NY CY2-5050
G Franklin #5 *17 05-895-1075

TERR			TEL. NO.
Ill	Assoc Amer Winding Machy Inc	5515 N. Grand Ave, Chicago 39	TU9-5700
Mich	Production Machy Sales Co., Inc	4545 St. Aubin Ave, Detroit 7	TE2-4711

ASSOCIATED COMMODITY CORP ..... 620 5th Ave, New York 20, NY CI5-6150
R Dett 900

• **ASSOCIATED ENGINEERING CORP** ..... 65 Kent St, Brookline 46, Mass AS7-4664
F Chin #4 *17 B 375-1005

TERR			TEL. NO.
Ariz	J T Hill Co	470 S Pine St, San Gabriel, Cal	CU3-6537
Ariz	J T Hill Co	310 N. State Ave, Phoenix	CR7-7508
Cal	J T Hill Co	470 S. Pine St, San Gabriel	CU3-6565
Cal	J T Hill Co	1864 Bacon St, San Diego 7	AC3-7103
Cal	J T Hill Co	1892 Laurel St, San Carlos	LY3-7683
New	J T Hill Co	470 S Pine St, San Gabriel, Cal	CU3-6565
Ohio	Thompson Electronic Co	Box 162, N. Dayton Sta, Dayton 4	BE3-3552

ASSOCIATED ENGINEERING & MFG CORP ..... Glen Ridge, NJ PI3-8899
F Rhodes #4 *34 D 65-345-735-895-990-1075-1125-1385-1545-1875-1885-1890-1960

TERR			TEL. NO.
Cal	Wendell T Kershner	6534-1/2 Whittier Blvd, Los Angeles	

• **ASSOCIATED RESEARCH INC** ..... 3788 W. Belmont Ave, Chicago 18, Ill CO7-4040
R Iwama #8 *38 895-1050-1135-1855

TERR			TEL. NO.
Ala	A C Craft Jr & Associates	Box 11716, Northside Sta, Atlanta, Ga	CE3-9944
Alas	Alaskan Sales	Box 171, Anchorage	BR3-6721
Ariz	J E Redmond Supply Co	625 W Madison St, Phoenix	AL8-4551
Cal	Brenner-Fiedler & Associates Inc	7963 Melrose Ave, Los Angeles 46, Cal	WE6-7128
Cal	California Instrument Co	357 10th St, San Francisco 3, Cal	UN3-0350
Colo	Parrish Electronics	2130 S Albion, Denver 22	SK6-9455
Conn	Electrical Apparatus Co., Inc	1200 Soldiers Field Rd, Boston, Mass	ST2-7440
Del	Linn D Morrow & Son	Schaff Bldg, Philadelphia 2, Pa	LO7-6431
DC	Linn D Morrow & Son	Schaff Bldg, Philadelphia 2, Pa	LO7-6431
Fla	Florida Precision Instrument Corp	1221 Biscayne Blvd, Miami	FR1-0326
Ga	A C Craft Jr & Associates	Box 11716, Northside Sta, Atlanta 5, Ga	CE3-9944
Hawaii	Hill-Blare Inc	549 W. Washington Blvd, Chicago, Ill	AN3-6420
Idaho	Eicher & Co	5 W Harrison St, Seattle 99, Wash	AT4-1011
Ill	Gordon Karsner	260 Paul Brown Bldg, St. Louis 1, Mo	CE1-3666
Ill	Harry Wilson	620 10th St, Moline, Ill	762-7117
Ind	Law Instrument Co	P.O. Box 95, Angola, Ind	217
Iowa	Gordon Karsner	260 Paul Brown Bldg, St Louis 1, Mo	CE1-3666
Iowa	Harry Wilson	620 Tenth St, Moline, Ill	762-7117
Iowa	Conrad R Bergh	504 W O W Bldg, Omaha 2, Neb	341-4252
Kan	Lawrence L Hill	3635 Garland Ave, Wichita, Kan	AM7-3850
Ky	Engineering Specialties	6715 Camargo, Madeira, Cincinnati, Ohio	LO1-6803
La	Kartenberger Co., The	711 Reverchon Dr, Dallas 11, Tex	FE7-5383
La	Industrial Instrument Works	3229 Magazine St, New Orleans 15, La	TW5-5621
Me	Electrical Apparatus Co., Inc	1200 Soldiers Field Rd, Boston, Mass	ST2-7440
Md	Linn D Morrow & Son	Schaff Bldg, Philadelphia 2, Pa	LO7-6431
Mass	Electrical Apparatus Co., Inc	1200 Soldiers Field Rd, Boston 34, Mass	ST2-7440
Mich	Morris F Jacobs Co	2314 N. 3rd St, Milwaukee 12, Wisc	LO2-5690
Mich	Electro-Motion Associates	4012 E. 9 Mile Rd, Warren, Mich	JE8-1420
Minn	Kipps Co., Inc	814 S. 5 St, Minneapolis 4, Minn	FE8-8477
Mo	Gordon Karsner	260 Paul Brown Bldg, St. Louis 1, Mo	CE1-3666
Neb	Conrad R Bergh	504 W O W Bldg, Omaha 2	341-4252
Nev	Brenner-Fiedler & Associates Inc	7963 Melrose Ave, Los Angeles 46, Cal	WE6-7128
NH	Electrical Apparatus Co., Inc	1200 Soldiers Field Rd, Boston, Mass	ST2-7440
NJ	Kahant Associates	11 Park Pl, New York 7, NY	CO7-5326
NJ	Linn D Morrow & Son	Schaff Bldg, Philadelphia 2, Pa	LO7-6431
NM	Parrish Electronics	2130 S Albion, Denver 22, Colo	SK6-9455
NY	Kahant Associates	11 Park Pl, New York 7, NY	CO7-5326
NY	H J Rittenhouse Co	543 Clinton Ave, S, Rochester 20, NY	BA5-2140
NC	A C Craft & Associates	Box 11716, Northside Sta, Atlanta, Ga	CE3-9944
ND	Kipps Co., Inc	814 S. 5th St, Minneapolis 4, Minn	FE8-8477
Ohio	Engineering Specialties	6715 Camargo Rd, Madeira, Cincinnati	LO1-6803
Ohio	W H Ballinger	P.O. Box 8088, Pittsburgh 16, Pa	LO1-2340
Ohio	Law Instrument Co	P.O. Box 95, Angola, Ind	217
Ohio	L H Waldro Co	3030 Euclid Ave, Cleveland 15, Ohio	EX1-4242
Okla	Kartenberger Co., The	711 Reverchon Dr, Dallas 11, Tex	FE7-5383
Ore	Eicher & Co	5 W Harrison St, Seattle 99, Wash	AT4-1011
Pa	W H Ballinger	Box 8088, Pittsburgh 16, Pa	LO1-2340
Pa	Linn D Morrow & Son	Schaff Bldg, Philadelphia 2, Pa	LO7-6431
Pa	L H Waldro Co	3030 Euclid Ave, Cleveland 15, Ohio	EX1-4242
RI	Electrical Apparatus Co., Inc	1200 Soldiers Field Rd, Boston, Mass	ST2-7440
SC	A C Craft Jr & Associates	Box 11716, Northside Sta, Atlanta, Ga	CE3-9944
SD	Kipps Co., Inc	814 S. 5th St, Minneapolis 4, Minn	FE8-8477
Tenn	A C Craft & Assoc	Box 11716, Northside Sta, Atlanta 5, Ga	CE3-9944
Tex	Kartenberger Co., The	711 Reverchon Dr, Dallas 11	FE7-5383
Utah	Parrish Electronics	2130 E Albion, Denver 22, Colo	SK6-9455
Vt	Electrical Apparatus Co., Inc	1200 Soldiers Field Rd, Boston, Mass	ST2-7440
Va	Linn D Morrow & Son	Schaff Bldg, Philadelphia 2, Pa	LO7-6431
Wash	Eicher & Co	5 W Harrison St, Seattle 99	AT4-1011
W.Va	W H Ballinger	Box 8088, Pittsburgh 16, Pa	LO1-2340
Wisc	Morris F Jacobs Co	2314 N. 3rd St, Milwaukee 12, Wisc	LO2-5690
Wyo	Parrish Electronics	2130 E Albion, Denver 22, Colo	SK6-9455
Foreign	Hill-Blare Inc	549 W. Washington Blvd, Chicago 6, Ill	AN3-6420

• **ASSOCIATED SPECIALTIES CO** ..... 1751 Main St, Orefield, Pa EX5-1275
V Landenslager 1135-1340

ASSOCIATED SPRING CORP ..... 18 Main St, Bristol, Conn LU3-1331
1690

TERR			TEL. NO.
Ala	Ohio Div	1825 E. First St, Dayton 2, Ohio	CL5-5135
Ariz	Kiva Sales Co	3701 E. Indian School Rd, Phoenix, Ariz	AM6-2413
Ark	Seaboard Pacific Div	15001 S. Broadway, Gardena, Cal	FA1-1400
Cal	Seaboard Pacific Div	15001 S. Broadway, Gardena, Cal	FA1-1400
Colo	Seaboard Pacific Div	15001 S. Broadway, Gardena, Cal	FA1-1400
Idaho	Seaboard Pacific Div	15001 S. Broadway, Gardena, Cal	FA1-1400
Ill	Gibson Div	P.O. Box 336, Mattoon, Ill	AD5-5681
Ind	Gibson Div	P.O. Box 336, Mattoon, Ill	AD5-5681
Iowa	Gibson Div	P.O. Box 336, Mattoon, Ill	AD5-5681
Kan	Gibson Div	P.O. Box 336, Mattoon, Ill	AD5-5681
Ky	Ohio Div	1825 E. First St, Dayton 2, Ohio	CL5-5135
La	Gibson Div	P.O. Box 336, Mattoon, Ill	AD5-5681
Mich	Z-G-H Div	4080 Plymouth Rd, Plymouth 2, Mich	GL5-0300
Minn	Gibson Div	P.O. Box 336, Mattoon, Ill	AD5-5681

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Miss	Ohio Div	1825 E. First St, Dayton 3, Ohio	CL3-5135
Mo	Gibson Div	P.O. Box 336, Mattoon, Ill	AD5-5601
Mont	Seaboard Pacific Div	15001 S. Broadway, Gardena, Cal	FA1-1400
Neb	Gibson Div	P.O. Box 336, Mattoon, Ill	AD5-5601
Nev	Seaboard Pacific Div	15001 S. Broadway, Gardena, Cal	FA1-1400
NM	Kiva Sales Co	3711 E. Indian School, Phoenix, Ariz	AM6-2413
Ohio	Ohio Div	1825 E. First St, Dayton 3, Ohio	CL3-5135
Okla	Gibson Div	P.O. Box 336, Mattoon, Ill	AD5-5601
Ore	Seaboard Pacific Div	15001 S. Broadway, Gardena, Cal	FA1-1400
Pa	Raymond Mfg Div	Corry, Pa	2-8241
SD	Gibson Div	P.O. Box 336, Mattoon, Ill	AD5-5601
Tenn	Ohio Div	1825 E. First St, Dayton 3, Ohio	CL3-5135
Tex	Gibson Div	P.O. Box 336, Mattoon, Ill	AD5-5601
Utah	Seaboard Pacific Div	15001 S. Broadway, Gardena, Cal	FA1-1400
Wash	Seaboard Pacific Div	15001 S. Broadway, Gardena, Cal	FA1-1400
W. Va	Raymond Mfg Div	Corry, Pa	2-8241
Wisc	Gibson Div	P.O. Box 336, Mattoon, Ill	AD5-5601
Wyo	Seaboard Pacific Div	15001 S. Broadway, Gardena, Cal	FA1-1400
Canada	Wallace Barnes Co Ltd	274 Sherman Ave, N., Hamilton, Ont, Can	LI5-1172
Foreign	Associated Spring of P Rico Inc	P.O. Box 217, Carolina, Puerto Rico	SA8-0294

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
•	**ASSOCIATED TESTING LABORATORIES INC**	**107 Rt 46, Wayne, NJ**	**CL6-2800**
	R Goldsmith #35 *210 E 250-370-445-895-1175		
	NEW ENGLAND DIV	**Northwest Ind. Park, Burlington, Mass**	**BR2-9050**
	SOUTHEASTERN DIV	**1112 Solana Ave. Winter Park, Fla**	**MI4-1800**
Ala	James L Highsmith & Co	1002 Meridian St. N Huntsville	JE9-6734
Ariz	Western Engineering Co	1644 W Hatcher Rd, Phoenix	WI4-0431
Cal	B J Wolfe Enterprises	P.O. Box 281, Northridge, Cal	DI6-2407
Colo	Western Engineering Co	1615 Cleveland Pl. Denver	AM6-2714
Conn	Ress Engineering Sales	259 Walnut St, Newtonville 60, Mass	LA7-4932
Del	Bystrom Assoc	PO Box 292, Radnor, Pa	MU8-1284
DC	Fred Israel Assoc	1010 Vermont Ave. NW, Washington	EX3-3453
Fla	Jaeger-Cordray, Inc	1809 E Colonial Dr. Orlando	CH1-6595
Ga	James L Highsmith & Co	3733 Monroe Rd. Charlotte 5, NC	FR7-2546
Hawaii	Allied International Corp	230 Park Ave, New York 17, NY	MU9-6126
Ill	Midwest Electronic Sales	3800 W North Ave. Chicago 47	CA7-3222
Ind	Midwest Electronic Sales	3800 W North Ave, Chicago 47, Ill	CA7-3222
Me	Ress Engineering Sales	259 Walnut St, Newtonville 60, Mass	LA7-4932
Md	Bystrom Assoc	PO Box 292, Radnor, Pa	MU8-1284
Mass	Ress Engineering Sales	259 Walnut St. Newtonville 60	LA7-4932
Mich	Gaine Engineering	1474 E Outer Dr. Detroit 34	FO6-5353
Minn	Manufacturers' Sales Co	6301 Wayzata Blvd. Minneapolis 16	LI5-1223
Nev	B J Wolfe Enterprises	P.O. Box 281, Northridge, Cal	DI6-2407
NH	Ress Engineering Sales	259 Walnut St, Newtonville 60, Mass	LA7-4932
NM	B J Wolfe Enterprises	P.O. Box 281, Northridge, Cal	DI6-2407
NM	Aztec Enterprises	525 San Pedro, NE Albuquerque	AM8-6421
NC	James L Highsmith & Co	3733 Monroe Rd. Charlotte 5	FR7-2546
Ohio	Gaine Engineering	29403 Bruce Dr. Willowick	WH3-3731
Ohio	Hugh Stokes	3279 Seminole Ave, Springfield, Ohio	FA1-2912
Pa	Bystrom Assoc	PO Box 292, Radnor	MU8-1284
RI	Ress Engineering Sales	259 Walnut St, Newtonville 60, Mass	LA7-4932
SC	James L Highsmith & Co	3733 Monroe Rd. Charlotte 5, NC	FR7-2546
Tenn	James L Highsmith & Co	3733 Monroe Rd. Charlotte 5, NC	FR7-2546
Utah	Western Engineering Co	1644 W Hatcher Rd. Phoenix, Ariz	WI4-0431
Vt	Ress Engineering Sales	259 Walnut St, Newtonville 60, Mass	LA7-4932
Va	James L Highsmith & Co	PO Box 536, Richmond	EL9-1411
Wis	Manufacturers' Sales Co	6301 Wayzata Blvd. Minneapolis 16, Minn	LI5-1223
For	Fratham Co	33 W 42nd St. New York 36, NY	BR9-9422
Foreign	Allied International Corp	230 Park Ave, New York 17, NY	MU9-6126

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ASTATIC CORP., THE	**Conneaut, Ohio**	**22656**
	P Cook #37 *500 D 810-1130-1195-1270-1705-1760		
Ala	Hollingsworth & Still	508 Whitehead Bldg, Atlanta, Ga	
Alaska	Dale G Weber Co	8 S.E. Clay St, Portland 14, Ore	
Ariz	Bassett & Moore	12045 Magnolia, N. Hollywood, Cal	
Ark	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	
Cal	William J Purdy Co	312 7th St, San Francisco, Cal	
Cal	Bassett & Moore	12045 Magnolia Blvd. N Hollywood	
Colo	W H Carriers Co	5413 E Evans Ave. Denver 22	SK6-9417
Del	Lowery Associates Co	50 E. Wynnewood Rd, Wynnewood, Pa	
DC	Lowery Associates Co	4508 Annapolis Rd, Bladensburg, Md	
Fla	Hollingsworth & Still	508 Whitehead Bldg, Atlanta, Ga	
Ga	Hollingsworth & Still	508 Whitehead Bldg, Atlanta, Ga	
Haw	Dougherty Enterprises	334 Ilimalia Loop, Kailua	253-66
Idaho	Dale G Weber Co	8 S.E. Clay St, Portland 14, Ore	
Ill	William J Doyle Co	2600 W Touhy Ave. Chicago 45	BR4-6685
Ill	Jerry Golten Co, Inc	2750 W North Ave. Chicago 47	EV4-5959
Ind	Edwin A Schulz Co	721 Sherwood Dr, Indianapolis 20, Ind	
Ky	Edwin A Schulz Co	721 Sherwood Dr, Indianapolis, Ind	
La	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	
Md	Lowery Associates Co	50 E. Wynnewood Rd, Wynnewood, Pa	
Mass	Harold A Chamberlin	Civilian Air Terminal, Bedford	CR4-0044
Mich	Robert Milsk Co	19371 James Couzens Hwy, Detroit 35	BR3-3652
Mich	Henschen Jensen & Co	2842 W. Grand Blvd, Detroit 2, Mich	
Minn	Mel Foster	2402 Hennepin Ave, Minneapolis 5, Minn	
Miss	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	
Mo	Maury E Bettis Co	3706 Broadway, Kansas City	LO1-0772
Mont	Dale G Weber Co	8 S.E. Clay St, Portland 14, Ore	
Nev	Bassett & Moore	12045 Magnolia, N. Hollywood, Cal	
Nev	William J Purdy Co	312 7th St, San Francisco, Cal	
NJ	Jerry Kirshbaum & Co	1533 Peninsula Blvd, Hewlett, NY	
NY	Jerry Kirshbaum & Co	1533 Peninsula Blvd, Hewlett, NY	
NY	Pruden-Hunter Co	3307 Erie Blvd, E., Syracuse 14, NY	
NY	Perry Saftler	157 W 57th St. New York 19	CI7-3855
NC	Hollingsworth & Still	508 Whitehead Bldg, Atlanta, Ga	
ND	Mel Foster	2402 Hennepin, Minneapolis, Minn	
Ohio	Mike Roth Sales Co	13947 Cedar Rd, Cleveland 18, Ohio	
Okla	J Y Schoonmaker Co., Inc	5328 Redfield, Dallas 35, Tex	
Ore	Dale G Weber Co	8 S.E. Clay St, Portland 14, Ore	
Pa	Lowery Assoc Co	50 E Wynnewood Rd. Wynnewood	MI2-9100
Pa	Lowery Associates Co	50 E. Wynnewood Rd, Wynnewood, Pa	
Pa	Mike Roth Sales Co	13947 Cedar Rd, Cleveland 18, Ohio	
SC	Hollingsworth & Still	508 Whitehead Bldg, Atlanta, Ga	
SD	Mel Foster	2402 Hennepin, Minneapolis, Minn	
Tenn	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	
Tenn	Hollingsworth & Still	508 Whitehead Bldg, Atlanta, Ga	
Tex	J Y Schoonmaker Co., Inc	5328 Redfield, Dallas 35, Tex	
Vt	Harold A Chamberlin	Bedford Airport, Bedford, Mass	
Va	Lowery Associates Co	50 E. Wynnewood Rd, Wynnewood, Pa	
Wash	Dale G Weber Co	8 S.E. Clay St, Portland 14, Ore	
W. Va	Mike Roth Sales Co	13947 Cedar Rd, Cleveland 18, Ohio	
Wisc	E A Dickinson & Associates	4117 N. Green Bay Ave, Milwaukee, Wisc	
Canada	Canadian Astatic Limited	2271-73 Danforth Ave, Toronto, Ontario, Canada	
Foreign	Roburn Agencies Inc	431 Greenwich, New York 13, NY	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ASTRAL ELECTRONICS INC	**14620 Arminta St. Van Nuys, Cal**	**ST0-3270**
	H Reeke #5 *28 E 345-360-895-1610-1735		
Alas	Richard Legg Co	1633 NW. 21st Ave. Portland, Ore	CA3-9720
Ariz	Bowen & Carlberg	2228A San Mateo Blvd. NE, Albuquerque, NM	AL5-4603
Colo	Western Empire Inc	3385 S. Santa Fe Dr. Englewood	SU9-3137
Conn	Arthur T. Hatton & Co	1000 Farmington Ave. W. Hartford	AD3-3613
Del	Andco Sales-Eng. Inc	5823 Greene St. Phila 44, Pa	VI4-9100
DC	Andco Sales-Eng. Inc	5823 Greene St. Phila 44, Pa	VI4-9100
Idah	Richard Legg Co	1633 NW. 21st Ave. Portland, Ore	CA3-9720
Ill	Wm J Doyle Co	2600 Touhy Ave. Chicago 45	BR4-6685
Ind	Midwest Sales Co	3219 W. 117th St. Cleve 11, Ohio	WI1-2700
Iowa	Rudie Lorenz Co	9500 Gravois St. St. Louis 23, Mo	PL2-5735
Kan	Rudie Lorenz Co	9500 Gravois St. St. Louis 23, Mo	PL2-5735
Ky	Midwest Sales Co	3219 W. 117th St. Cleve 11, Ohio	WI1-2700
Me	Arthur T. Hatton & Co	1000 Farmington Ave. W. Hartford, Conn	AD3-3613
Md	Andco Sales-Eng. Inc	5823 Greene St. Phila 44, Pa	VI4-9100
Mass	Arthur T Hatton & Co	1000 Farmington Ave. W. Hartford, Conn	AD3-3613
Mich	Midwest Sales Co	3219 W. 117th St. Cleve 11, Ohio	WI1-2700
Minn	George T Sturman	413 S. 5th St. Mnpls 1	GE6512
Mo	Rudie Lorenz Co	9500 Gravois St. St. Louis 23	PL2-5735
Mont	Richard Legg Co	1565 6th Ave. S. Seattle 4, Wash	MU2-7764
Neb	Rudie Lorenz Co	9500 Gravois St. St. Louis 23, Mo	PL2-5735
NH	Arthur T Hatton & Co	1000 Farmington Ave. Hartford 7, Conn	AD3-3613
NJ	Andco Sales-Eng. Inc	5823 Greene St. Phila 44, Pa	VI4-9100
NM	Bowen & Carlberg	2228A San Mateo Blvd. NE. Albuquerque	AL5-4603
NY	W M Hicks	4 Spruce Dr. Roslyn	MA7-6150
Ohio	Midwest Sales Co	3219 W. 117th St. Cleve 11	WI1-2700
Okla	Hal F Corry Co	6315 Hillcrest Ave. Dallas 5, Tex	LA8-9172
Ore	Richard Legg Co	1533 NW 21st Ave. Portland	CA3-9720
Pa	Andco Sales Eng. Inc	5823 Greene St. Phila 44	VI4-9100
Pa	Midwest Sales Co	3219 W. 117th St. Cleve 11, Ohio	WI1-2700
RI	Arthur T Hatton & Co	1000 Farmington Ave. W. Hartford, Conn	AD3-3613
Tex	Hal F Corry Co	6315 Hillcrest Ave. Dallas 5	LA8-9172
Tex	Bowen & Carlberg	2228A San Mateo, Albuquerque, NM	AL5-4603
Utah	Western Empire Inc	3385 S. Santa Fe Dr. Englewood, Colo	SU9-3137
Vt	Arthur T Hatton & Co	1000 Farmington Ave. W Hartford 7, Conn	AD3-3613
Va	Andco Sales Eng. Inc	5823 Greene St. Phila 44, Pa	VI4-9100
Wash	Richard Legg Co	1633 NW. 21st Ave. Portland, Ore	CA3-9720
W Va	Andco Sales Eng. Inc	5823 Greene St. Phila 44, Pa	VI4-9100
Wis	Wm J Doyle Co	2600 Touhy Ave. Chicago 45, Ill	BR4-6685
Wyo	Western Empire Inc	3385 S. Santa Fe Dr. Englewood, Colo	SU9-3137
BC	Richard Legg Co	1565 6th Ave. S. Seattle 4, Wash	MU2-7764

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ASTROMICS DIV. MITCHELL CAMERA CORP	**666 W. Harvard, Glendale 4, Cal**	**CH5-7586**
	E Angelo #40 *325 D 360-895-1555-1850		
Ala	L A Walking	Box 3045, Atlanta 5, Ga	DR3-8346
Alas	J J Backer Co	2221 W. Galer, Seattle 99, Wash	AT3-6470
Ariz	R H Mathews & Assoc	221 S. LaBrea Ave. Inglewood, Cal	OR4-2134
Cal	R H Mathews & Assoc	221 S. LaBrea Ave. Inglewood	OR4-2134
Colo	EMF Assoc	1357 Harlan, Denver	SU9-9592
Fla	L A Walking	Box 7156, Miami 55	CA1-4297
Ga	L A Walking	Box 3045, Atlanta 17	DR3-8346
Idah	EMF Assoc	1357 Harlan, Denver, Colo	SU9-9592
Ill	Berndt & Klein Assoc	2941 Touhy Ave. Chicago 45	BR4-0600
Ind	L D Bruno & Co	Far Hills Branch, Dayton 19, Ohio	AX3-8703
Iowa	Thomson Eng. Service	8230 Forsyth Blvd. St. Louis 5, Mo	RI7-4488
Kan	Thomson Eng. Service	8230 Forsyth Blvd. St. Louis 5, Mo	RI7-4488
Mo	Thomson Eng. Service	8230 Forsyth Blvd. St. Louis 5, Mo	RI7-4488
Mont	J J Backer Co	221 W. Galer, Seattle 99, Wash	AT3-6470
NM	EMF Assoc	138 S 2nd E, Salt Lake City, Utah	EL5-7101
NY	Astromics Div. Mitchell Camera	521 5th Ave. New York, NY	OX7-0227
NC	L A Walking	Box 3045, Atlanta, Ga	DR3-8346
Ohio	L D Bruno & Co	Box 61, Far Hills Branch, Dayton 19	AX3-8703
Okla	Thomson Eng. Service	8230 Forsyth Blvd. St. Louis 5, Mo	RI7-4488
Ore	J J Backer Co	221 W. Galer, Seattle 99, Wash	AT3-6470
SC	L A Walking	Box 3045, Atlanta, Ga	DR3-8346
Tenn	L A Walking	Box 3045, Atlanta, Ga	DR3-8346
Tex	Thomson Eng. Service	2520 Oak Lawn Ave. Dallas 19	6-8741
Utah	EMF Assoc	138 S. 2nd E. Salt Lake City	EL5-7101
Wash	J J Backer Co	221 W. Galer, Seattle 99	AT3-6470
Wis	Berndt & Klein Assoc	2941 Touhy Ave. Chicago 45, Ill	BR4-0600
Wyo	EMF Assoc	1357 Harlan, Denver, Colo	SU9-9592

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ASTRON CORP	**255 Grant Ave, E. Newark, NJ**	**HU2-7800**
	I Sar #22 *600 E 215-220-670-895-900		
Ala	Paul Hayden Associates	P.O Box 1931, Birmingham, Ala	AL1-8271
Ariz	Shephard-Winters Co	7407 1/2 Melrose Ave, Los Angeles, Cal	WE8-2996
Ark	Kay Sales Co	2600 Grand Ave, Kansas City 8, Mo	BA1-3800
Cal	Shephard-Winters Co	7407 1/2 Melrose Ave, Los Angeles, Cal	WE8-2996
Colo	Thatcher Electronics	1003 Saturn Dr. Colorado Springs	ME3-2050
Conn	Arthur E Akeroyd Co	P.O. Box 94, Fairfield, Conn	ED3-6252
Del	Samuel A Jefferies Co	105 Forrest Ave, Narberth, Pa	MO4-8500
DC	Samuel A Jefferies Co	105 Forrest Ave, Narberth, Pa	MO4-8500
Fla	Paul Hayden Associates	1060 N.E. 180th Terr, N. Miami Beach	WI5-5793
Ga	Paul Hayden Associates	P.O. Box 331, E. Point, Ga	PO6-1261
Haw	B Adams & Co	219 California Dr. Burlingame, Cal	DA4-7111
Ill	William F Sennie	541 Diversey Pkwy, Chicago 14, Ill	BI8-4343
Ind	E S Nendler	Sta "C", Box 2407, Ft. Wayne 6, Ind	HA8726
Iowa	Kay Sales Co	2702 41st Pl, Des Moines, Iowa	
Kan	Kay Sales Co	400 N. Emporia St, Wichita, Kan	HO4-2893
La	J Y Schoonmaker Co	5328 Redfield Ave, Dallas, Tex	LA6-7238
Me	Arthur E Akeroyd Co	John Hancock Bldg, Boston 16, Mass	HA6-2433
Md	Samuel A Jefferies	105 Forrest Ave, Narberth, Pa	MO4-8500
Mass	Arthur E Akeroyd Co	John Hancock Bldg, Boston 16, Mass	HA6-2433
Mich	R S Lohmann Co	12730 Fenkell, Detroit 27, Mich	UN2-9465
Minn	Nick Laub Co	3749 N. Broadway Ave, Minneapolis 22, Minn	JU7-4863
Miss	Paul Hayden Associates	P.O. Box 331, E. Point, Ga	PO6-1261
Mo	Kay Sales Co	7603 Forsyth, Clayton 5, Mo	PA7-3414
Mont	Thatcher Electronics	1003 Saturn Dr. Colorado Springs, Colo	ME3-2050
Neb	Kay Sales Co	2600 Grand Ave, Kansas City 8, Mo	BA1-3800
Nev	Thatcher Electronics	1003 Saturn Dr. Colorado Springs, Colo	ME3-2050
NH	A E Akeroyd Co	John Hancock Bldg, Boston 16, Mass	HA6-2433
NJ	Wally Shulan & Co	880 Bergen Ave, Jersey City, NJ	SW5-2220
NM	Thatcher Electronics	1003 Saturn Dr. Colorado Springs, Colo	ME3-2050
NY	H J Abbott	3938 Wicks Ave, Seaford, NY	SU1-5256
NC	Paul Hayden Associates	423 W. 5th St, Burlington, NC	CA7-3479
ND	Nick Laub Co	3749 N. Broadway, Mnpls 22, Minn	JU7-4863
Ohio	H H Seay Co	3850 Farrington Dr. Columbus 21	HU8-9394
Okla	Kay Sales Co	2600 Grand Ave, Kansas City 8, Mo	BA1-3800
Pa	Samuel A Jefferies	105 Forrest Ave, Narberth, Pa	MO4-8500
RI	Arthur E Akeroyd Co	John Hancock Bldg, Boston 16, Mass	HA6-2433
SC	Paul Hayden Associates	P.O. Box 331, E. Point, Ga	PO6-1261
SD	Nick Laub Co	3749 N. Broadway, Mnpls 22, Minn	JU7-4563
Tenn	Paul Hayden Associates	P.O. Box 331, E. Point, Ga	PO6-1251
Tex	J Y Schoonmaker Co	5328 Redfield Ave, Dallas	LA6-7238
Utah	Thatcher Electronics	1003 Saturn Dr, Colorado Springs, Colo	ME3-2050
Vt	Arthur E Akeroyd Co	John Hancock Bldg, Boston 16, Mass	HA6-2433
Va	Samuel A Jefferies	105 Forrest Ave, Narberth, Pa	MO4-8500
W Va	H H Seay Co	3850 Farrington Dr, Columbus 21, Ohio	HU8-9394
Wisc	Nick Laub Co	2333 N. Wells St, Milwaukee, Wisc	
Wyo	Thatcher Electronics	1003 Saturn Dr. Colorado Springs, Colo	ME3-2050
Foreign	Radio International Corp	13 E. 40th St, New York 16, NY	MU9-1270

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ASTROSYSTEMS INC	**220 E. 23rd St, New York 10, NY**	**MU9-6890**
	S Barth #4 *10 D 338-515-895-1330-1855		
Cal	Luscombe Eng Co	1020 S Arroyo Parkway, Pasadena	MU2-3386
Cal	Luscombe Eng Co	130 N "B" St, San Mateo	DI3-7057
Cal	Luscombe Eng Co	3150 El Cajon Blvd. San Diego 4	AT3-7281
Ill	Walter F Marsh & Assoc, Inc	244 Chicago Ave, Oak Park	EU6-1780
Mass	George Gentenhofer & Assoc	7 Wellington St. Waltham 54	TW4-9530
Mich	Electro Sales Assoc	15324 Mack Ave. Detroit 24	TU6-2200
NY	Bradley Assoc Corp	9 Dash Pl. New York 63	KI9-8500
Ohio	Electro Sales Assoc	375 E 200th St. Cleve 19	RE2-7444
Ohio	Electro Sales Assoc	Dabel Sta, Box 143, Dayton 20	CH4-5551
	ATCHLEY DIV. RAYMOND, AMER. BRAKE SHOE CO	**2339 Cotner Ave. LA 64, Cal**	**GR7-8245**
	E Bausch #20 *220 E 20-280-338-360-895-1075-1150-1200-1210-1550-1555-1920		
	ATKINS & MERRILL INC	**49 Post Rd, S. Sudbury, Mass**	**HI3-8822**
	D Atkins #4 *150 E 45-180-850-865-1135-1285-1290-1610		
Cal	W Cobb	1701 Placentia Ave. Anaheim	KE2-3396
DC	S A Cravotta	Box 5580, Arlington 5, Va	JE2-4591

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ATKOMATIC VALVE CO., INC	**545 W. Abbott St, Indianapolis, Ind**	**ME8-6545**
	M Lowe #2 *25 D 1920		
Cal	Brenner-Fiedler & Associates Inc	7563 Melrose Ave, Los Angeles, Cal	WE3-3811
Cal	Claude B Smith Co	844 E. 12th St, Oakland 6, Cal	TE2-0303
Colo	Rocket Components Co	2950 S. Fox St, Englewood, Denver, Colo	SU9-2548
Del	John C Whiddett Co	7714 W. Chester Pike, Up Darby, Pa	TR9-6400
DC	The Hildenbrand Co	732 Morningside Dr, Fairfax Va	CR3-2334
Fla	W Chester Smith	207 E. Broward Blvd, Ft. Lauderdale	JA4-7172
Idaho	Fred G Greaves Co	418 8th Ave, N. Seattle 9, Wash	MA3-0800
Ill	Smith & Hacifey	8008 S. Ashland Ave, Chicago, Ill	RA3-4100
Ill	Zepperfeld & Co	14 Westwood Forest, Kirkwood 22, Mo	TA2-2333
Kan	Zepperfeld & Co	14 Westwood Forest, Kirkwood 22, Mo	TA2-2333
Ky	Richard Equipment Co	633 S. 9th St, Louisville, Ky	JU3-4645
La	Pneumatic & Hydraulic Co	6720 Airline Hwy. Baton Rouge	EL6-1918
Me	Pump Equipment & Engineering Co	79 Prospect St, Somerville 43, Mass	MO6-4444
Md	The Hildenbrand Co	732 Morningside Dr, Fairfax, Va	CR3-2334
Mass	Pump Equipment & Engineering Co	79 Prospect St, Somerville 43, Mass	MO6-4444
Mich	L W Jeffries Co	16722 E. Warren Ave, Detroit, Mich	TU2-9551
Miss	Pneumatic & Hydraulic Co	6720 Airline Hwy. Baton Rouge, La	EL6-1918
Mo	Zepperfeld & Co	14 Westwood Forest, Kirkwood 22, Mo	TA2-2333
Nev	Claude B Smith Co	844 E. 12th St, Oakland 6, Cal	TE2-0303
NH	Pump Equipment & Engineering Co	79 Prospect St, Somerville 43, Mass	MO6-4444
NJ	Gale Engineering Co	136 Liberty St, New York 6, NY	RE2-1105
NJ	John C Whiddett Co	7714 W. Chester Pike, Upper Darby, Pa	TR9-6400
NM	Rocket Components Co	2950 S. Fox St, Englewood, Denver, Colo	SU9-2548
NY	Lane Engineering Co	3807 Elmwood Ave, Buffalo 7, NY	RI0770
NY	Gale Engineering Co	136 Liberty St, New York 6, NY	RE2-1105
NY	George O Miller Co	609 S. Warren St, Syracuse 2, NY	HA2-5084
NC	Mec-Tric Control Co	3811 St. Mary Ave, Charlotte, NC	FR6-8531
Ohio	Richard Equipment Co	2564 Woodburn Ave, Cincinnati, Ohio	AV1-5283
Ohio	Commercial Electric Co	1250 St. Clair Ave, Cleveland, Ohio	CH1-2886
Ohio	Controlmatic Co	345 Mt. Lebanon Blvd, Pittsburgh, Pa	LO3-4611
Ore	Fred G Greaves Co	8046 S. E. Mill St, Portland 15, Ore	PR4-1308
Pa	John C Whiddett Co	7714 W. Chester Pike, Upper Darby, Pa	TR9-6400
Pa	Controlmatic Co	345 Mt. Lebanon Blvd, Pittsburgh, Pa	LO3-4611
RI	Pump Equipment & Engineering Co	79 Prospect St, Somerville, Mass	MO6-4444
SC	Mec-Tric Control Co	3811 St. Mary Ave, Charlotte, NC	FR6-8531
Tex	Southwestern Controls	5633 Urbana St. Houston 27	MO6-0386
Tex	Southwestern Controls	Box 18613, Dallas 18	DA8-4466
Utah	Rocket Components Co	2950 S. Fox St, Englewood, Denver, Colo	SU9-2548
Vt	Pump Equipment & Engineering Co	79 Prospect St, Somerville, Mass	MO6-4444
Va	The Hildenbrand Co	732 Morningside Dr, Fairfax, Va	CR3-2334
Wash	Fred G Greaves Co	418 8th Ave, N., Seattle 9, Wash	MA3-0800
W. Va	Controlmatic Co	345 Mt. Lebanon Blvd, Pittsburgh, Pa	LO3-4611
Wisc	C A Ekstrom Co	2734 W. Wells St, Milwaukee, Wisc	DI2-4440
Wyo	Rocket Components Co	2950 S. Fox St, Englewood, Denver, Colo	SU9-2548

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ATLANTIC INDIA RUBBER WKS INC	**571 W. Polk St, Chicago 7, Ill**	
	175-770		
	ATLANTIC RESEARCH CORP	**Shirley Hwy at Edsall Rd, Alexandria, Va**	**FL4-3400**
	C Gray #300 *800 G 330-340-870-895-1130-1150-1340-1655-1850-1915		
Cal	U S Flare Div	Saugus, Cal	NE1400
Cal	Atlantic Research Corp	2805 E. Foothill Blvd, Pasadena	MU1-9690
Canada	Electro Mechanical Products	Markham Rd, Agincourt, Ontario, Canada	
Foreign	Sanritsu Denki Co Ltd	2-Chome Nishi-Hatchobori, Tokyo, Japan	
For	FREI	172 Route Courbelles, Paris Ine, Fr	MAC 5130
For	Hefro Teknisk A/S	Wm. Thranesgt 1, Oslo, Norway	60-10-90
	ATLANTIC TRANSFORMER CORP	**30 Hynes Ave, Groton, Conn**	**HI5-9768**
	N Poulsen #4 *65 320-1855		
Conn	Sam Sales Co	Spring Valley Rd, Woodbridge, Conn	FU7-8712

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
Del	M & S Electronics	PO Box 185, Haddonfield, NJ	HA9-1909
Me	Bahr Sales Co	Birch Hill Rd, New Durham, NH	TR5-4539
Md	M & S Electronics	PO Box 185, Haddonfield, NJ	HA9-1909
Mass	Bahr Sales Co	18 Westfield Rd, Natick, Mass	OL3-9291
Mass	Bahr Sales Co	482 Granby Rd, Chicopee, Mass	LY2-1813
NH	Bahr Sales Co	Birch Hill Rd, New Durham, NH	TR5-4539
NJ	M & S Electronics	PO Box 185, Haddonfield	HA9-1909
NJ	John J Kopple Associates	9 W. Prospect Ave, Mt. Vernon, NY	MO4-5577
NY	John J Kopple Associates	9 W. Prospect Ave, Mt. Vernon, NY	MO4-5577
Pa	M & S Electronics	PO Box 185, Haddonfield, NJ	HA9-1909
RI	Bahr Sales Co	Spring Valley Rd, Woodbridge, Conn	FL7-8712
Vt	Bahr Sales Co	Birch Hill Rd, New Durham, NH	TR5-4539
Va	M & S Electronics	PO Box 185, Haddonfield, NJ	HA9-1909
Wisc	Dwight Smith Associates	9 S. River St, Aurora, Ill	TW7-5752
	ATLANTIC WIRE & CABLE CORP	**119-14 14 Rd, College Point, NY**	**FL3-4242**
	H Friedman #2 *25 E 190-1960		
Cal	Erlanger Sales Co	4217 W. Jefferson, LA	RE1-2238
Cal	Newman, Rudel & Ewing	915 Terminal Way, San Carlos	LY1-0309
Fla	T Sharaf Assoc	4000 Lincoln St, Hollywood	YU9-8290
Ill	M W Sivers	3234 Lawrence Ave, Chicago	
Md	A Cerf Co	4 W. Penfield Rd, Ellicott City	GL240
Mass	Mosher & Peyser Co	945 Great Plains Ave, Needham	HI4-1400
Mich	R Wilde Co	19371 James Couzens Hwy, Detroit	BR3-3552
NJ	Art Cerf & Co	744 Broad St, Newark, NJ	MI2-6734
NY	A Harris Inc	42-34 235th St, Flushing	FL7-7350
Pa	A Cerf Co	4302 Embur Terr, Easton	BL26373
	ATLANTIS ELECTRONICS CORP	**3322-26 Broadway St, Garland, Tex**	**BR8-3551**
	S Nelson #4 *20 C 095-1630		
Ariz	Hoyt Wescott	PO Box 8284, Albuquerque, NM	AL5-7255
Cal	C W Mauldin	441 W California Ave, Palo Alto	DA6-5291
Cal	Earl S Chafin	1541 W Olympic Blvd. L A 15	DU5-3955
Nev	Earl S Chafin	1541 W Olympic Blvd. LA 15, Cal	DU5-3955
Nev	C W Mauldin	441 W California Ave, Palo Alto, Cal	DA6-5291
NJ	Louis A Garten	375 Passaic Ave. Caldwell	CA6-7800
NM	Hoyt Wescott	PO Box 8284, Albuquerque	AL5-7255
NY	Louis A Garten	375 Passaic Ave, Caldwell, NJ	CA6-7800
For	B Freudenberg	50 Rockefeller Plaza, New York, NY	PL7-9130
	ATLAS COIL INC	**63 Main St, Ansonia, Conn**	**RE5-4628**
	R Frye #5 *34 C 320-670-895-1145-1665-1340-1855		
	ATLAS CONNECTORS CORP	**41 River Rd. N Arlington, NJ**	**GR7-8620**
	345		
NY	C R Mayer Co	Box 152, Huntington	HA1-4322
	ATLAS CONTROLS INC	**9 Erie Dr, Natick, Mass**	**OL5-1550**
	T Cady #6 *60 D 275-360-365-895-915-1135-1340-1420-1455-1460		
Ala	Emmett Rushin	P O Box 486, Roswell, Ga	
Ariz	J C Simon Co	633 S La Brea Ave. Los Angeles 36, Cal	
Ark	N S Brown Associates	5825 Boca Raton Dr. Dallas, Tex	
Cal	J C Simon Co	633 S La Brea Ave, Los Angeles 36, Cal	WE9-2366
Conn	Anthony-Brown Corp	21 Arlington Rd. Melrose, Mass	
DC	Mercury National	201 Parry Rd. Riverton, NJ	
Del	Mercury National	201 Parry Rd. Riverton, NJ	
Fla	Mercury National	201 Parry Rd. Riverton, NJ	
Fla	Emmett Rushin	P O Box 486, Roswell, Ga	
Ga	Emmett Rushin	P O Box 486, Roswell	
Kan	Texco	8325 E Indianapolis, Wichita	
Md	Mercury National	201 Parry Rd. Riverton, NJ	
Me	Anthony-Brown Corp	21 Arlington Rd. Melrose, Mass	
Mass	Anthony-Brown Inc	21 Arlington Rd, Melrose, Mass	NO5-8124
Mich	Nelson J Clark	17138 E Warren Ave. Detroit	
Mo	Texco	8325 E Indianapolis, Wichita, Kan	
NH	Anthony-Brown Corp	21 Arlington Rd. Melrose, Mass	
NJ	James J O'Keefe Jr	207 Plainfield Ave. Floral Park, NY	
NY	Wall Associates	P O Box 26, Boston	
NY	James J O'Keefe Jr	207 Plainfield Ave. Floral Park	
NC	Emmett Rushin	P O Box 486, Roswell, Ga	
Ohio	Nelson J Clark	17138 E Warren Ave. Detroit, Mich	
Okla	N S Brown Associates	5825 Boca Raton Dr. Dallas, Tex	
Pa	Mercury National	201 Parry Rd. Riverton, NJ	
RI	Anthony-Brown Corp	21 Arlington Rd. Melrose, Mass	
SC	Emmett Rushin	P O Box 486, Roswell, Ga	
Tex	N S Brown Associates	5852 Boca Raton Dr, Dallas, Tex	EM3-3698
Vt	Anthony-Brown Corp	21 Arlington Rd. Melrose, Mass	
Va	Mercury National	201 Parry Rd. Riverton, NJ	
•	**ATLAS ENGINEERING CO. INC**	**10 Cheney St. Roxbury, Mass**	**HI5-7100**
	M Karosky #12 *200 E 320-895-1455-1830-1855		
Ala	L R Massey Co	P O Box 724, Greenwood, Miss	GL3-3038
Alas	Roger M Minthorne Co	0673 SW Taylor's Ferry Rd. Portland, Ore	CH6-4556
Ariz	J C Simon Co	633 S LaBrea Ave. Los Angeles, Cal	WE9-2366
Ark	L R Massey Co	P O Box 724, Greenwood, Miss	GL3-3038
Cal	J C Simon Co	633 S LaBrea Ave. Los Angeles	WE9-2366
Colo	J C Simon Co	633 S LaBrea Ave. Los Angeles, Cal	WE9-2366
Conn	Anthony-Brown Co	21 Arlington Rd. Melrose, Mass	NO5-8124
Del	M A Seliga	201 Parry Rd. Riverton, NJ	TA9-1702
Fla	M A Seliga Co	201 Parry Rd. Riverton, NJ	TA9-1702
Ga	L R Massey Co	P O Box 724, Greenwood, Miss	GL3-3038
Idah	Roger M Minthorne Co	0673 SW Taylor's Ferry Rd. Portland, Ore	
Ind	Bernard L Michaelson Co	P O Box 173, Xenia, Ohio	DR2-5496
Kan	N S Brown Associates	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Ky	Bernard L Michaelson Co	P O Box 173, Xenia, Ohio	DR2-5496
La	L R Massey Co	P O Box 724, Greenwood, Miss	GL3-3038
Me	Anthony-Brown Co	21 Arlington Rd. Melrose, Mass	NO5-8124
Md	M A Seliga Co	201 Parry Rd. Riverton, NJ	TA9-1702
Mass	Anthony-Brown Assoc	21 Arlington Rd. Melrose	NO5-8124
Mich	Bernard L Michaelson Co	P O Box 173, Xenia, Ohio	DR2-5496
Miss	L R Massey Co	P O Box 724, Greenwood, Miss	GL3-3038
Mo	N S Brown Associates	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Mont	Roger M Minthorne Co	0673 SE Taylor's Ferry Rd. Portland, Ore	CH6-4556
NH	Anthony-Brown Co	21 Arlington Rd. Melrose, Mass	NO5-8124
NJ	M A Seliga Co	201 Parry Rd. Riverton	TA9-1702
NM	J C Simon Co	633 S LaBrea Ave. Los Angeles, Cal	WE9-2366
NY	Franklin & Andrews Sales Corp	43 Kent Rd. Tenafly, NJ	LO9-8800
Ohio	Bernard L Michaelson Co	P O Box 173, Xenia	DR2-5496

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
Okla	N S Brown Associates	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Ore	Roger M Minthorne Co	0673 SW Taylor's Ferry Rd. Portland, Ore	CH6-4556
Pa	Mike Seliga	201 Parry Rd, Riverton, NJ	TA9-1702
Pa	M A Seliga Co	201 Parry Rd. Riverton, NJ	TA9-1702
RI	Anthony-Brown Co	21 Arlington Rd, Melrose, Mass	NO5-8124
Tenn	L R Massey Co	P O Box 724, Greenwood, Miss	GL3-3038
Tex	N S Brown Associates	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Vt	Anthony-Brown Co	21 Arlington Rd, Melrose, Mass	NO5-8124
Wash	Roger M Minthorne Co	0673 SW Taylor's Ferry Rd. Portland, Ore	CH6-4556
BC	Roger M Minthorne Co	0673 SW Taylor's Ferry Rd. Portland, Ore	CH6-4556
	ATLAS ENGINEERING CORP	**26 Custer St, West Hartford 10, Conn**	**CH6-5651**
	R C Biggers #2 *9 B 250		
	ATLAS FIBER CO	**6770 N.Central Pk Ave, Chicago 45, Ill**	**HO5-1236**
	A Grusin *3 A 1290		
	ATLAS PRECISION PRODUCTS CO	**3801 Castor Ave, Philadelphia 24, Pa**	
	75-205-755-895		
Ariz	Wright Engineering Co	180 E. California Blvd, Pasadena, Cal	MU1-8480
Cal	Wright Engineering Co	180 E. California Blvd, Pasadena, Cal.	MU1-8480
	ATLAS RESISTOR CO	**1128 Madison St, Chester, Pa**	
	320-1475		
	ATLAS SCREW & SPECIALTY CO., INC	**450 Broome St, New York 13, NY**	**WO6-0600**
	*50 E 125-1205-1535-1940		
	ATLAS SOUND CORP	**1449 39th St, Brooklyn 18, NY**	**GE8-5500**
	R Reinhardt #6 *100 E 55-130-860-1675-1705		
Ala	Paul Hayden Associates	P.O. Box 1131, Birmingham, Ala	
Alaska	Northwestern Agencies	4130 1st Ave, S., Seattle, Wash	MA3-8882
Cal	Perlmuth Electronic Associates	5857 W Washington Blvd, L A 16, Cal	WE1-1041
Cal	F W Muldtrop Co	575 10th, San Francisco 3, Cal	MA1-1722
Colo	Gordon Moss Electronics Inc	1520 13th Ave, Greeley, Colo	EL3-1452
Fla	Paul Hayden Associates	1060 N.E. 180th Terr, N. Miami Beach	
Ga	Paul Hayden Associates	P.O. Box 151, E. Point, Ga	
Hawaii	Dougherty Enterprises	P.O. Box 188, Lanikai, Hawaii	
Ill	Bruce Cumming & Associates Inc	1029 Belmont Ave, Chicago, Ill	WE7-3777
Ind	Thomas & Sakup Inc	5726 N. Keystone, Indianapolis, Ind	CL1-4574
Mass	H A Chamberlin	Bedford Airport, Bedford, Mass	CR4-0044
Md	Lowery Associates Co	4500 Annapolis Rd, Bladensburg, Md	
Mich	Robert Mitak Co	19371 James Couzens Hwy, Detroit	BR3-3552
Minn	Clem R Gibb	2900 Hennepin Ave, Minneapolis, Minn	FR7-1200
Mo	Forristal Young Sales Co	8147 Delmar Blvd, St. Louis, Mo	PA5-7711
Mo	Koenig-Ayers Associates	4538 Main St, Kansas City 11, Mo	JE1-7221
NY	Irv Brown Co	500 Carroll St, Brooklyn, NY	HY3-1379
NC	Paul Hayden Associates	423 Guthrie St, Burlington, NC	
Ohio	Edwards-Lohse & Co	2123 E. 9th St, Cleveland, Ohio	TO1-5753
Pa	Lowery Associates Co	10 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
Pa	Lowery Associates Co	301 Allison, Harrisburg, Pa	
Tex	J Y Schoonmaker Co	5728 Penfield Ave, Dallas, Tex	LA6-7238
Wash	Northwestern Agencies	4130 1st Ave, S., Seattle, Wash	MA3-8882
Canada	Atlas Radio Corp Ltd	50 Wingold Ave, Toronto, Ontario, Canada	RU1-6174
Foreign	Rocke International Corp	13 E. 40th St, New York 16, NY	MU9-0700
	ATLEE CORP. APPLIED DYNAMICS DIV	**330 Bear Hill Rd. Waltham 54, Mass**	**TW4-7010**
	L McNamara #5 *20 370-445-895-1135-1215-1375		
Ariz	F Y Gates Co	122 Harvard Dr. SE. Albuquerque, NM	CH3-8010
Cal	Crane Assoc	15419 Keswick St. Van Nuys	ST0-7972
Colo	F Y Gates Co	200 S. Main St. Salt Lake City, Utah	EL9-1101
Idah	F Y Gates Co	200 S. Main St. Salt Lake City, Utah	EL9-1101
Kan	Texas Avionics Co	5748 N. Central Expwy. Dallas 6, Tex	TA6-2354
Mass	Fluid Power Prods	727 High St. Westwood	DA6-5665
Nev	Crane Assoc	15419 Keswick St. Van Nuys, Cal	ST0-7972
NJ	F & F Assoc	15 Dorchester Rd. Emerson	
NM	F Y Gates Co	122 Harvard Dr. SE. Albuquerque	CH3-8010
NY	F & F Assoc	125 Linden St. Bellmore	
NY	F & F Assoc	297 Cherry Pl. E. Meadow	
Okla	Texas Avionics Co	5748 N. Central Expwy. Dallas 6, Tex	TA6-2354
Ore	Crane Assoc	15419 Keswick St. Van Nuys, Cal	ST0-7972
Tex	Texas Avionics Co	5748 N. Central Expwy. Dallas 6	TA6-2354
Utah	F Y Gates Co	200 S. Main St. Salt Lake City	EL9-1101
Wash	Crane Assoc	15419 Keswick St. Van Nuys, Cal	ST0-7972
Wyo	F Y Gates Co	200 S. Main St. Salt Lake City, Utah	EL9-1101
For	Bendix Intl. Div	205 E. 42nd St. NY 17, NY	MU3-1100
	ATLEE CORP. ATLEE COMPONENTS DIV	**8220 Lankershim Blvd. N. Hollywood, Cal**	**TR7-0755**
	S Fallon 285-300-790-845-1580-1615		
Ariz	Vinson Assoc	917 N. 7th St. Phoenix	AL8-6121
Cal	Dewco Sales	444 Page Mill Rd. Palo Alto	DA1-5373
Colo	Vinson Assoc	3600 S. Lincoln, Englewood	SU9-2203
Idah	M K Widdekind Co	222 1st Ave. N. Seattle, Wash	AT4-8020
Mont	M K Widdekind	222 1st Ave. N. Seattle, Wash	AT4-8020
Mont	Vinson Assoc	3600 S. Lincoln, Englewood, Colo	SU9-2203
NM	Vinson Assoc	3600 S. Lincoln, Englewood, Colo	SU9-2203
Ore	M K Widdekind Co	222 1st Ave. N. Seattle, Wash	AT4-8020
Utah	Vinson Assoc	3600 S. Lincoln, Englewood, Colo	SU9-2203
Wash	M K Widdekind Co	222 1st Ave. N. Seattle	AT4-8020
Wyo	Vinson Assoc	3600 S. Lincoln, Englewood, Colo	SU9-2203
	ATLEE CORP. ATLAS DIV	**47 Prospect St. Woburn, Mass**	**WE3-5390**
	G Stephens #4 *35 E 220-285-790-845-1580		
Ark	Al Engleman Co	3205 Crump Ave, Memphis, Tenn	GL8-6263
Fla	E C Raymond & Assoc	43 W. 2nd St. Ft. Walton Beach	CH4-5675
Fla	E C Raymond & Assoc	Box 656, Maitland	MI7-7830
Fla	E C Raymond & Associates	Box 8215, Madeira Beach, St. Petersburg 8	WA1-9735
Ga	E C Raymond & Associates	Box 8215, Madeira Beach, St. Petersburg 8	WA1-9735
Ill	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	RO3-1570
Ind	Ellinger Sales Corp	5214 Forest Ave, Ft. Wayne, Ind	EA7-7190
Iowa	Ellinger Sales Corp	309 4th Ave. SE, Clarion	351-J
Kan	Ellinger Sales Corp	6427 Evergreen St, Berkeley 21, Mo	JA4-1116
La	Al Engleman Co	3205 Crump Ave, Memphis, Tenn	GL8-6263
Md	Massey Assoc	6607 Riverdale Rd. Riverdale	AP7-1023
Mass	The Reed & Riddett Co	Littleton Common	HU6-3932
Minn	E Melius & Assoc	2635 University Ave. St. Paul 14	MI6-7991
Miss	Al Engleman Co	3205 Crump Ave, Memphis, Tenn	GL8-6263

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
Mo	Ellinger Sales Corp	6427 Evergreen St, Berkeley 21, Mo	JA4-1116
Mont	M K Widdekind Co	222 1st Ave, N. Seattle 9, Wash	AT4-4869
NJ	The Reed & Riddett Co	19 Sylvan Ave. Englewood Cliffs	WI7-0100
NY	The Reed & Riddett Co	19 Sylvan Ave. Englewood Cliffs, NJ	PE5-0665
NY	R P Kennedy Co	183 Mayflower Dr, Rochester 18, NY	BR1-6322
NC	E C Raymond & Assoc	518 Nissen Bldg, Winston-Salem	PA4-8834
Okla	M K Widdekind Co	222 1st Ave, N., Seattle 9, Wash	AT4-4869
Ore	M K Widdekind Co	222 1st Ave, N., Seattle 9, Wash	AT4-4869
Pa	Massey Associates	529 Brookhurst Ave, Narberth, Pa	MO4-4700
Tenn	Al Engleman Co	3205 Crump Ave, Memphis, Tenn	GL8-6263
Tex	Kemp Eng. Co	2618 Nomana Dr, Dallas	FL7-4661
Wash	M K Widdekind Co	222 1st Ave, N., Seattle 9, Wash	AT4-4869
Wisc	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	RO3-1570
Canada	Dresser E E Ltd	441 St. Francois Xavier St, Montreal, Que	VI5-6571
	ATLEE CORP., MONITOR CONTROLLER DIV	**99 Grove St. Rockland, Mass**	**TR8-3300**
	R Quinn 360-895-1135-1460-1475-1810-1855		
Ala	B S Woodman	1727 6th Ave, N Birmingham	
Cal	Control Switches, Inc	PO Box 45648, L A	SP6-2766
Fla	B S Woodman	2000 Broward Ave, West Palm Beach	TE2-9695
Ga	B S Woodman	PO 12242, Atlanta 5	CE3-7761
Ill	Controlcraft Co	1915 N Harlem Ave, Chicago	ME7-1606
La	Glidden Eng & Eqpt Co	PO Box 4063, New Orleans	729-1641
Me	Richards Assoc	15 Brook St, Newton, Mass	DE2-4178
Md	Durling Electric Co	301 E 25th St, Baltimore	HO7-5560
Mass	Richards Assoc	15 Brook St, Newton 58	DE2-4178
Mich	Acme Elevator Co	3950 Grandy Ave, Detroit	WA1-9414
Mo	James B Flinerty & Co	PO Drawer D, St Louis 19	WO2-8200
NJ	Kruegner Sales Co, Inc	1602 Pennington Rd, Trenton	TU2-6500
NY	Niagara Electric Sales Co	505 Delaware Ave, Buffalo 2	TT6-4000
NY	Niagara Electric Sales Co	133 Clinton Ave. S, Rochester	HA6-2070
NY	Monitor Controller Co	75 West St, New York 6	BO9-1774
Ohio	Zenith Eng Sales	4185 Pearl Rd, Cleve	661-1741
Ohio	W W Baerbalck & Assoc	127 E 2nd St, Dayton	BA3-7652
Ohio	W W Baerbalck & Assoc	1717 Section Rd, Cinc 37	WE1-7518
Ohio	W W Baerbalck & Assoc	4421 Odell Dr. Columbus	CA8-3474
Pa	R L Hanson Co	2900 W Liberty Ave, Pittsburgh	LO1-1562
RI	Richards Assoc	15 Brook St, Newton, Mass	DE2-4178
Tex	Glidden Eng & Eqpt Co	3602 Winchester St. Houston	CA4-6471
Tex	Glidden Eng & Eqpt Co	4924 Greenville Ave. Dallas	EM8-4851
Tex	Glidden Eng & Eqpt Co	1909 Martel Ave. Fort Worth	ED2-9593
Tex	Glidden Eng & Eqpt Co	1554 W Magnolia, San Antonio	PE4-4157
Wash	W J Stapis Co, Inc	608 W Crockett St. Seattle	AT2-7870
Wis	Technical Eqpt Sales	PO Box 1377, Madison	CH4-2191
Wis	Technical Eqpt Sales	1348 N 37th St. Milwaukee	WE3-9100
	ATLEE CORP. WESCO DIV	**27 Olive St. Greenfield, Mass**	**PR4-4358**
	J De Santy #3 *50 C 220-338-1135-1340		
Ala	F Wamble Sales Co	3867 Sherwood Dr. Montgomery 9	AM2-1573
Conn	P J Engineering Sales	Box 212, Watertown, Mass	WA4-5950
Del	Mechelec Sales Co	81 Union St, Medford, NJ	OL4-8209
DC	Mechelec Sales Co	81 Union St, Medford, NJ	OL4-8209
Fla	Colwell-Wamble Sales	2727 Aloma Ave. Winter Park	
Ill	P G M Component Sales	2842 N. Sheridan Rd. Chicago 14	BI8-3300
Me	P J Engineering Sales	Box 212, Watertown, Mass	WA4-5950
Md	Mechelec Sales Co	81 Union St, Medford, NJ	OL4-8209
Mass	P J Engineering Sales	Box 212, Watertown, Mass	WA4-5950
Minn	E D Melius & Assoc	2635 University Ave. St. Paul	MI6-7991
Mo	Gordon Fixman Engineering Co	8160 Stanford Ave, St. Louis 30, Mo	PA5-5719
NH	P J Engineering Sales	Box 212, Watertown, Mass	WA4-5950
NJ	Reed & Riddett Co	19 Sylvan Ave. Englewood Cliffs	WI7-0100
NY	Reed & Riddett Co	19 Sylvan Ave. Englewood Cliffs, NJ	WI7-0100
Pa	Mechelec Sales Co	81 Union St, Medford, NJ	OL4-8209
RI	P J Engineering Sales Co	Box 212, Watertown, Mass	WA4-5950
RI	P J Engineering Sales	Box 212, Watertown, Mass	WA4-5950
Vt	P J Engineering Sales	Box 212, Watertown, Mass	WA4-5950
Va	Mechelec Sales Co	81 Union St, Medford, NJ	OL4-8209
W Va	Mechelec Sales	81 Union St, Medford, NJ	OL4-8209
	ATMO SEAL CO	**4321 Fielding St, Cincinnati 9, Ohio**	**TR1-5512**
	W Niswonder *15 B 175-800-905-1545		
Cal	Mulvin & Co	2843 E. Colorado St, Pasadena, Cal	MU1-4591
Ill	Robert Schliecher Associates	1730 Fox Hill Rd, Indianapolis, Ind	CL3-9944
Ill	Robert Schliecher Assoc	7711 S Drew, Hinsdale, Chicago	FA3-8822
Ind	Robert Schliecher Associates	1730 Fox Hill Rd, Indianapolis, Ind	CL3-9944
NY	Atlas Products Corp	30 Rockefeller Plaza, New York 20, NY	CI7-5782
Ohio	Henger Fairfield Co	1012 Columbus Rd, Cleveland 13, Ohio	CH1-1018
Ohio	Henger Fairfield Co	101 N. High St, Columbus 15, Ohio	CA4-7510
Ohio	Henger Fairfield Co	124 E. 7th St, Cincinnati 2, Ohio	MA1-4749
Ore	Mulvin & Co	2843 E. Colorado St, Pasadena, Cal	MU1-4591
	ATMOSPHERE CONTROL CO. INC	**5315 Chester Ave. Phila. 43, Pa**	**SA9-1388**
	W Carney #5 *100 C 250		
	ATOMM ELECTRONICS	**7648 San Fernando Rd, Sun Valley, Cal**	**TR7-9873**
	A Stow #5 *50 D 1330		
Ala	Floyd Fausett & Co	777 Pinehurst Terr, SW, Atlanta 10, Ga	PL3-3104
Ariz	Shefler-Kahn Co	P.O. Box 1578, Phoenix, Ariz	AL8-7593
Ark	Packard Associates	Love Field Terminal Bldg, Dallas 35, Tex	FL7-5713
Cal	Thos L Stevens & Assoc	7648 San Fernando Rd. Sun Valley	TR7-9873
Cal	Paul A Bjork	5111 Ewing St, San Diego 15, Cal	JU3-1507
Colo	L B Walker Radio Co	300 Bryant St, Denver 4	WE5-2401
Conn	Dan Greene Organization, The	PO Box 124, Cambridge 38, Mass	UN4-2220
Del	Robert Finlay Jr	P.O. Box 29, Lutherville, Md	VA3-9086
DC	Robert Finlay Jr	P.O. Box 29, Lutherville, Md	VA3-9086
Fla	Mark Electronic Sales Co	410 N.E. 147th Terr, North Miami 61, Fla	WI7-5080
Ga	Floyd Fausett & Co	777 Pinehurst Terr SW, Atlanta 10	PL3-3104
Ill	Ridley Associates	1551 N. Austin, Chicago, Ill	
Ind	Wright Engineering Corp	4241 Melbourne Rd, Indianapolis 44	HU5-4865
Iowa	Anderson & Associates	3825 York Ave, N., Minneapolis 22, Minn	JU8-2523
Kan	Packard Associates	Love Field Terminal Bldg, Dallas 35, Tex	FL7-5713
Ky	Wright Engineering Corp	4241 Melbourne Rd, Indianapolis 44	HU5-4865
La	Packard Associates	Love Field Terminal Bldg, Dallas 35, Tex	FL7-5713
Me	Dan Greene Organization, The	PO Box 124, Cambridge 38, Mass	UN4-2220
Md	Robert Finlay Jr	P.O. Box 29, Lutherville, Md	VA3-9086
Mass	Dan Greene Organization, The	PO Box 124, Cambridge 38	UN4-2220
Mich	Lee & Hale Co	10432 W. McNichols, Detroit 21, Mich	UN3-4161

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Minn	Anderson & Associates	3825 York Ave, N., Minneapolis 22, Minn	JU8-2523
Mo	Packard Associates	Love Field Terminal Bldg, Dallas 35, Tex	FL7-5713
NH	Dan Greene Organization, The	PO Box 124, Cambridge 38, Mass	UN4-2220
NJ	Robert Finlay	Lincoln Bldg, Ridgewood, NJ	OL2-0088
NM	Shefler-Kahn Co	P.O. Box 1587, Phoenix, Ariz	AL8-7893
NY	J V Costello	639 S. Warren St, Syracuse, NY	HA2-0532
NY	Robert Finlay	Lincoln Bldg, Ridgewood, NJ	OL2-0088
NC	Floyd Fausett & Co	Box 4697, Waughtown Sta, Winston Salem	724-0542
ND	Anderson & Associates	3825 York Ave, N., Minneapolis 22, Minn	JU8-2523
Ohio	Edwards-Lohse & Co	2123 E 9th St, Cleve 15, Ohio	TO1-5753
Okla	Packard Associates	Drawer 980, Tulsa 1, Okla	
Ore	Norwest Co, The	210 N 36th St, Seattle 3, Wash	ME3-3232
Pa	Robert Finlay	Lincoln Bldg, Ridgewood, NJ	OL2-0088
Pa	Edwards-Lohse & Co	2123 E 9th St, Cleve 15, Ohio	TO1-5753
RI	Dan Greene Organization, The	PO Box 124, Cambridge 38, Mass	UN4-2220
SC	Floyd Fausett & Co	777 Pinehurst Terr SW, Atlanta 10, Ga	PL3-3104
SD	Anderson & Associates	3825 York Ave, N., Minneapolis 22, Minn	JU8-2523
Tenn	Floyd Fausett & Co	777 Pinehurst Terr SW, Atlanta 10, Ga	PL3-3104
Vt	Dan Greene Organization, The	PO Box 124, Cambridge 38, Mass	UN4-2220
Va	Robert Finlay Jr	P.O. Box 29, Lutherville, Md	VA3-9086
Wash	Norwest Co, The	210 N 36th St, Seattle 3	ME3-3232
W Va	Edwards-Lohse & Co	2123 E 9th St, Cleve 15, Ohio	TO1-5753
Canada	Precision Electron Comp Ltd	50 Wingold St, Toronto 19, Ont, Can	RU1-6174
For	Controls & Instruments (Overseas) Co	15 E 40th St. NY 16	MU5-5231
	ATOMIC ACCESSORIES INC	**811 W. Merrick Rd, Valley Stream, NY**	**CU5-9300**
	H Glasser #3 *17 D 250-255-410-895-1575-1670-1880-1915		
Cal	Baird-Atomic Inc	2312 W Redondo Beach, Gardena	FA1-4466
Cal	Baird-Atomic Inc	1485 Bayshore Blvd. San Francisco	DE4-0515
Ga	Baird-Atomic Inc	3127 Maple Dr. NE, Atlanta 5	CE3-8295
Ill	Baird-Atomic Inc	540 N Lake Shore Dr. Chicago 11	MI2-6755
Md	Baird-Atomic Inc	4925 Fairmont Ave. Bethesda 14	OL6-1200
Mass	Baird-Atomic Inc	33 University Rd. Cambridge 38	UN4-7420
Mich	Baird-Atomic Inc	30129 Minton, Livonia	GA1-7169
Ohio	Baird-Atomic Inc	2708 Northglen Rd. Westlake	TR1-2717
Pa	Baird-Atomic Inc	413 Johnson St. Jenkintown	WA7-4676
Tex	Baird-Atomic Inc	5635 Yale Blvd. Dallas 6	EM1-6081
Foreign	Baird-Atomic Export Dept	33 University Rd, Cambridge 38, Mass	UN4-7420
	ATRONIC PRODUCTS INC	**1 Bala Ave, Bala-Cynwyd, Pa**	**GR7-1860**
	360-895		
Me	American Scale & Conveyer Inc	369 Neponse Ave, Dorchester 22, Mass	
Mass	American Scale & Conveyer Inc	369 Neponse Ave, Dorchester 22, Mass	AV2-7035
Mich	Applied Handling Equipment Inc	206 Architects Bldg, Brainard, Mich	TE3-8850
Mo	Koste Machinery Co., Inc	P.O. Box 383, Robertson, Mo	PE1-0540
NH	American Scale & Conveyer Inc	369 Neponse Ave, Dorchester 22, Mass	
Ohio	Ken Dimond Co	3455 Edwards Rd, Cincinnati 8, Ohio	TR1-1305
Ohio	Mechanical Equipment Co	3100 Prospect Ave, Cleveland, Ohio	EN1-6212
RI	American Scale & Conveyer Inc	369 Neponse Ave, Dorchester 22, Mass	
Wisc	Speaker Conveyor Sales Inc	316 E. Silver Spring Dr, Milwaukee 17,	WO2-8900
Canada	John Best Co	96 Kipling Ave, N., Toronto 18, Ontario	BE1-7633
	ATTLEBORO REFINING CO., INC.	**152 Union St, Attleboro, Mass**	**CA2-3795**
	J Quebman #4 *40 F 1125		
	AUBURN MFG CO., THE	**Pease Ave & Stack St, Middletown, Conn**	**DI6-6631**
	M Weiner *75 E 900-1120-1125-1290-1505-1545-1785-1940		
Mich	A R Dixon	4346 Woodward Ave, Royal Oak, Mich	JO6-3160
Mo	A O Woerner & Sons	4030 Chouteau Ave, St Louis, Mo	FR1-2780
NY	M Chayette	1546 St. Johns Pl, Brooklyn, NY	PR2-4624
NY	J Newman	Rochester, NY	DY1-1400
Ohio	William A Gibbons	3505 W 145th St, Cleveland, Ohio	OR1-7780
	AUBURN PLASTICS INC	**Auburn, NY**	**AL3-5325**
	1285-1290		
Cal	George H Ross	7 Front St, San Francisco, Cal	EX2-8646
Conn	John C Kendall	4 Pond Rd, Easton, Conn	ED9-9785
Ill	Albert Bryan Inc	911 Busse Hwy, Park Ridge, Ill	TA3-6475
Ind	Albert Bryan Inc	911 Busse Hwy, Park Ridge, Ill	TA3-6475
Me	John C Kendall	4 Pond Rd, Easton, Conn	ED9-9785
Mass	John C Kendall	4 Pond Rd, Easton, Conn	ED9-9785
Mich	Lor-Mac Associates	403 Fisher Bldg, Detroit 2, Mich	TR1-7600
Minn	Albert Bryan Inc	911 Busse Hwy, Park Ridge, Ill	
Mo	Albert Bryan Inc	911 Busse Hwy, Park Ridge, Ill	
NH	J C Kendall	4 Pond Rd, Easton, Conn	ED9-9785
NJ	Joseph Meyer	1020 Evergreen Ave, Plainfield, NJ	6-3979
NY	Joseph Meyer	511 5th Ave, New York, NY	MU2-7048
Pa	N Grinnell	1418 Walnut St, Philadelphia, Pa	PE5-3520
Pa	Geo O'Neil	P.O. Box 41, Lansdale, Pa	AT1-5930
RI	John C Kendall	4 Pond Rd, Easton, Conn	ED9-9785
Vt	John C Kendall	4 Pond Rd, Easton, Conn	ED9-9785
•	**AUDIO DEVICES INC**	**444 Madison Ave, New York 22, NY**	**PL1-6640**
	H Kornbrodt #10 *150 F 505-1760		
Cal	Audio Devices Inc	840 N. Fairfax Ave, Hollywood 46, Cal	OL3-2254
Cal	Koessler Sales Co	818 N. Fairfax Ave, Los Angeles 46, Cal	OL3-1605
Cal	Meyer & Ross	113 Tenth St, San Francisco 3, Cal	HE1-0652
Colo	R G Bowen Co., Inc	721 S. Broadway, Denver 9, Colo	RA2-4641
Ga	Hollingsworth & Still	Whitehead Bldg, Atlanta 3, Ga	MU8-5878
Ill	Audio Devices Inc	5428 N. Milwaukee Ave, Chicago 30, Ill	NE1-9580
Kan	Zimmer Sales	5620 Woodward Ave, Merriam, Kan	HE2-1121
Mass	G Stanley Johnson	198 Old Billerica Rd, Bedford, Mass	CR4-7492
Mich	Burcaw-Cowan & Co	22128 Grand River Ave, Detroit 19, Mich	KE3-7700
Minn	Hermann Co., The	1711 Hawthorne Ave. Mnpls 3	FE2-5457
NJ	G R Freifeld	6161 64th Ave. E. Riverdale, Md	AP7-0818
NM	R G Bowen Co	2228A San Mateo Blvd. NE. Albuquerque	AM5-1579
NY	Leo Jacobson Co., Inc	1366 Kenmore Ave, Buffalo 23, NY	DE0442
Ohio	Neal Bear Corp	3435 Streetsboro Rd, West Richfield, Ohio	OL9-3331
Tenn	Cartwright & Bean	560 S. Cooper St, Memphis 4, Tenn	BR6-4442
Tex	Texport Co, The	2147 Farrington, Dallas 7	RI8-6458
Wash	Bert C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Foreign	Rocke International Corp	13 E. 40th St, New York 16, NY	MU9-0800
Canada	Alex L Clark Ltd	3751 Bloor St, W., Islington, Ont, Can	BE1-3303
	AUDIO INDUSTRIES INC	**Michigan City, Ind**	
	1255-1425		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	AUDIO INSTRUMENT CO., INC	**135 W. 14 St, New York 11, NY**	**OR5-7820**
	338-455-895-1435		
Cal	Autodyne Engineering Co	508 Cowper St. Palo Alto	DA1-0776
Fla	Vanguard Associates, Inc	1312 Palm Ave. Melbourne	PA3-3074
Ill	Loren F Green & Associates	5218 W Diversey Ave. Chicago 39	PA5-6824
Mass	Richard F MacDowell Co. Inc	P O Box 102, Melrose 76	NO5-8893
Ohio	Engineering Specialties	8115 Camargo Rd. Madeira, Cincinnati 43	
Tex	Francis Associates	3117 Fillmore St. El Paso	LO5-0367
Can	Alex L Clark, Ltd	3751 Bloor St. W, Islington, Ont	BE1-3303
For	Rocke International Corp	13 E 40th St. New York 16, NY	MU9-0200
	AUDIO-MASTER CORP	**17 E. 45th St, New York 17, NY**	**OX7-0725**
	H Rosen 810-1255-1370-1435		
	AUDIOSEARS CORP	**Shepard Hill Rd, Roxbury, NY**	**RO2261**
	185-805-925-1130-1315-1735-1765		
	AUDIOTEX MFG CO DIV G C TEXTRON ELECTRONICS INC	**412 S. Wyman St, Rockford, Ill**	**WO8-9661**
	H Seagren 345-375-385-555-805-925-1135-1315-1330-1675-1760		
Ala	Clark Adair Co	1818 Silvastone Dr. Decatur, Ga	443-4321
Alas	G O LeBrun	1906 NE. 57th Ave. Portland 13, Ore	AT8-3142
Ariz	Dave Muir	612 E. Colman St. Altadena, Cal	SY7-0153
Ark	Tamsco Sales Co	4924 Lochinvar, Memphis 16, Tenn	EX8-2014
Cal	Dave Muir	612 E. Colman St, Altadena, Cal	SY7-0153
Cal	Meyer & Ross	113 10th St, San Francisco, Cal	HE1-0652
Colo	Stan Cluphf & Associates	75 S. Cody Ct, Denver 26, Colo	BE3-6025
Conn	W A Hendrickson Co	291 1st Parish Rd, Scituate, Mass	LI5-0652
Del	Charles W Lienau Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
DC	Charles W Lienau Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
Fla	Winfield Electronic Sales	666 NE. 125 St. Miami	PL1-5566
Ga	Clark Adair Co	1818 Silvastone Dr. Decatur	443-4321
Hawaii	Jim Hastin	P.O. Box 2098, Honolulu 5, Hawaii	511-755
Idaho	Stan Cluphf & Associates	75 S. Cody Ct, Denver 26, Colo	BE3-6025
Ill	Theodore Lowell	Box 26, St. Louis, Mo	ST1-6290
Ill	Markal Sales Co	2639 W. Peterson Ave. Chicago 45	LO1-7290
Ind	Joe Clancy & Co., Inc	P.O. Box 269, Angola, Ind	AN793-X
Iowa	Theodore Lowell & Assoc	Box 26, St. Louis, Mo	ST1-6290
Kan	Theodore Lowell & Assoc	Box 26, St. Louis, Mo	ST1-6290
Ky	Joe Clancy & Co., Inc	P.O. Box 269, Angola, Ind	AN793-X
La	Tamsco Sales Co	4924 Lochinvar, Memphis 16, Tenn	EX8-2014
Me	W A Hendrickson Co	291 1st Parish Rd, Scituate, Mass	LI5-0652
Md	Charles W Lienau Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
Mass	W A Hendrickson Co	291 1st Parish Rd, Scituate, Mass	LI5-0652
Mich	Joe Clancy & Co. Inc	Box 269, Angola, Ind	AN 793
Minn	Pat Aylward & Co	3807 Grand Ave. Mnpls 9	TA4-6266
Miss	Tamsco Sales Co	4924 Lochinvar, Memphis 16, Tenn	EX8-2014
Mo	Theodore Lowell & Assoc	Box 26, St. Louis	MI7-1111
Mont	Stan Cluphf & Associates	75 S. Cody Ct, Denver 26, Colo	BE3-6025
Neb	Stan Cluphf & Assoc	75 S. Cody Ct. Denver 26, Colo	BE3-6025
Neb	Theodore Lowell & Assoc	Box 26, St. Louis, Mo	MI7-1111
Nev	Dave Muir	612 E. Colman St. Altadena, Cal	SY7-0153
Nev	Meyer & Ross	113-10th St, San Francisco 3, Cal	HE1-0652
NH	W A Hendrickson Co	291 1st Parish Rd, Scituate, Mass	LI5-0652
NJ	Jerry Greenberg Associates	16 Hudson St, New York 13, NY	WO4-7150
NJ	Charles W Lienau	9427 Georgia Ave, Silver Spring, Md	JU7-5688
NM	Stan Cluphf & Associates	75 S. Cody Ct, Denver 26, Colo	BE3-6025
NY	Jerry Greenberg Associates	16 Hudson St, New York 13, NY	WO4-7150
NY	Paston-Hunter Co	3307 Erie Blvd, E. Syracuse 14, NY	GI6-2180
NC	Clark Adair Co	1818 Silvastone Dr. Decatur, Ga	443-4321
ND	Pat Aylward & Co	3807 Grand Ave. Mnp's 9, Minn	TA4-6266
Ohio	Joe Clancy & Co., Inc	P.O. Box 269, Angola, Ind	AN793-X
Okla	W R Hays Jr	3416 Rosedale Ave, Dallas, Tex	LA1-1216
Ore	G O LeBrun	1906 NE. 57th Ave. Portland 13	AT8-3147
Pa	Newman Sales Co	86 Pilgrim Rd. Carnegie	BR9-3869
Pa	Charles W Lienau Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
RI	W A Hendrickson Co	291 1st Parish Rd, Scituate, Mass	LI5-0652
SC	Clark Adair Co	1818 Silvastone Dr. Decatur, Ga	443-4321
SD	Pat Aylward & Co	3807 Grand Ave. Mnpls 9, Minn	TA4-6266
Tenn	Clark Adair Co	1818 Silvastone Dr. Decatur, Ga	443-4321
Tenn	Tamsco Sales	4924 Lochinvar, Memphis	EX8-2014
Tex	E W R Hays Jr	3416 Rosedale Ave, Dallas, Tex	LA1-1216
Utah	Stan Cluphf & Associates	75 S. Cody Ct, Denver 26, Colo	BE3-6025
Vt	W A Hendrickson Co	291 1st Parish Rd, Scituate, Mass	LI5-0652
Va	Charles W Lienau Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
Wash	G O LeBrun	1906 NE. 57th Ave. Portland 13	AT8-3142
W Va	Newman Sales Co	86 Pilgrim Rd. Carnegie, Pa	9-3869
Wis	Pat Aylward & Co	3807 Grand Ave. Mnpls 9, Minn	TA4-6266
Wis	Markal Sales Co	2639 W, Peterson Ave, Chicago 45, Ill	LO1-7290
Canada	Atlas Radio Corp Ltd	50 Wingold Ave, Toronto 19, Ont, Can	RU1-6174
	AUDIOTRONICS CORP	**11057 Weddington St. N Hollywood, Cal**	**TR7-0567**
	#2 *20 C 895-1255-1425		
	AUDIVOX INC	**123 Worcester St, Boston, Mass**	**KE6-6207**
	R Alexander #6 *100 E 555-815-895-1345		
•	**AUGAT BROS, INC**	**33 Perry Ave, Attleboro, Mass**	**CA2-2202**
	R Lawrence #4 *92 E 285-300-370-790-845-925-1120-1125-1580-1630		
Ala	Floyd Fausett & Son	777 Pinehurst Terr SW, Atlanta, Ga	PL3-3104
Ariz	Paul F Wiley Co	1632 Silverlake Blvd, Los Angeles, Cal	NO3-8028
Cal	David Ross Co	534 El Camino Real, San Carlos, Cal	LY1-4411
Cal	Paul F Wiley Co	1632 Silverlake Blvd, Los Angeles, Cal	NO3-8028
Colo	Gordon Moss Electronics Inc	1530-13th Ave, Greeley, Colo	EL3-1452
Conn	Stanley B Pierce	583 Neponset St, Norwood, Mass	NO7-3164
Del	Samuel A Jeffries	105 Forrest Ave, Narberth, Pa	MO4-8500
DC	Samuel A Jeffries	105 Forrest Ave, Narberth, Pa	MO4-8500
Fla	Floyd Fausett & Son	777 Pinehurst Terr SW, Atlanta, Ga	PL3-3104
Ga	Floyd Fausett & Son	777 Pinehurst Terr SW, Atlanta, Ga	PL3-3104
Idah	Marsh Agencies	2601 First Ave, Seattle, Wash	MA2-8761
Idah	Gordon Moss Electronics Inc	1530-13th Ave, Greeley, Colo	EL3-1452
Ill	Ringland M Krueger Co	4738 N Harlem Ave, Chicago 31, Ill	UN7-7100
Ind	Tant Enterprises Inc	16257 Meyers Rd, Detroit 35, Mich	UN3-2665
Iowa	Automatic Gen Elec Sales Inc	6550-B Troost Ave, Kansas City 10, Mo	DE3-8206
Kan	Automatic Gen Elec Sales, Inc	6550-B Troost Ave, Kansas City 10, Mo	DE3-8206
Me	Stanley B Pierce	583 Neponset St, Norwood, Mass	NO7-3164
Md	Samuel A Jeffries	105 Forrest Ave, Narberth, Pa	MO4-8500
Mass	Stanley B Pierce	583 Neponset St, Norwood, Mass	NO7-3164
Mich	Tant Enterprises Inc	16257 Meyers Rd, Detroit 35, Mich	UN3-2665
Minn	Northport Engineering Inc	1729 Selby Ave, St. Paul 4, Minn	MI6-2621

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Miss	Floyd Fausett & Son	777 Pinehurst Terr SW, Atlanta, Ga	PL3-3104
Mo	Automatic Gen Electronic Sales Inc	6550-B Troost Ave, Kansas City 10, Mo	DE8206
Mont	Gordon Moss Electronics Inc	1530-13th Ave, Greeley, Colo	EL3-1452
Neb	Automatic Gen Elec Sales	6550-B Troost Ave, Kansas City 10, Mo	DE3-8206
Neb	Gordon Moss Electronics Inc	1530-13th Ave, Greeley, Colo	EL3-1452
Nev	David Ross Co	534 El Camino Real, San Carlos, Cal	LY1-4411
NH	Stanley B Pierce	583 Neponset St, Norwood, Mass	NO7-3164
NJ	Samuel A Jeffries	105 Forrest Ave, Narberth, Pa	MO4-8800
NJ	David Sonkin Associates	10 Fiske Pl, Mt. Vernon, NY	MO8-9809
NM	Gordon Moss Electronics Inc	1530-13th Ave, Greeley, Colo	EL3-1452
NY	David Sonkin Associates	10 Fiske Pl, Mt. Vernon, NY	MO8-9809
NY	Midstate Research Sales	327 Wellesley Rd, Syracuse, NY	GR8-8314
NC	Floyd Fausett & Son	777 Pinehurst Terr SW, Atlanta, Ga	PL3-3104
ND	Northport Engineering Inc	1729 Selby Ave, St. Paul 4, Minn	MI6-2621
Ohio	Allen Nace Co, Inc	P.O. Box 145, Brecksville 41, Ohio	JA6-4323
Okla	R F Kimball	2527-B McKinney Ave, Dallas 1, Tex	RI7-8779
Ore	Marsh Agencies	2601 First Ave, Seattle, Wash	MA2-8761
Pa	Samuel A Jeffries	105 Forrest Ave, Narberth, Pa	MO4-8500
RI	Stanley B Pierce	583 Neponset St, Norwood, Mass	NO7-3164
SC	Floyd Fausett & Son	777 Pinehurst Terr SW, Atlanta, Ga	PL3-3104
SD	Northerport Engineering Inc	1729 Selby Ave, St. Paul 4, Minn	MI6-2521
Tenn	Floyd Fausett & Son	777 Pinehurst Terr SW, Atlanta, Ga	PL3-3104
Tex	R F Kimball	2527-B McKinney Ave, Dallas 1, Tex	RI7-8779
Utah	Gordon Moss Electronics Inc	1530-13th Ave, Greeley, Colo	EL3-1452
Vt	Stanley B Pierce	583 Neponset St, Norwood, Mass	NO7-3164
Va	Samuel A Jeffries	105 Forrest Ave, Narberth, Pa	MO4-8500
Wash	Marsh Agencies	2601 First Ave, Seattle, Wash	MA2-8761
W. Va	Samuel A Jeffries	105 Forrest Ave, Narberth, Pa	MO4-8500
Wis	Ringland M Krueger Co	4738 N Harlem Ave, Chicago 31, Ill	UN7-7100
Wyo	Gordon Moss Electronics Inc	1530-13th Ave, Greeley, Colo	EL3-1452
	AUREX CORP	**315 W Adams St. Chicago 6, Ill**	**CE6-0740**
	320-815-895-1435-1645-1810		
	AURORA EQUIPMENT CO	**Aurora, Ill**	
	90-135-180		
	AUSTENAL CO. DIV. HOWE SOUND CO	**230 Park Ave. NY 17, NY**	**MU9-5760**
	W Lund #40 *1500 233-1120		
Cal	Joseph M Uhle	5166 Bascule, Woodland Hills	DI8-8242
Conn	Austenal Co	119 Ann St, Hartford, Conn	CH9-8593
Fla	W W Troupe	Pa. Hotel, West Palm Beach	TE2-7101
Ill	Austenal Co	5935 S. Pulaski Rd. Chicago	LU1-5935
Ind	Austenal Co	1110 E. Lincoln Way, LaPorte	362-6161
Ind	Austenal Co	6450 W. 10th St. Indpls	CH1-6611
Mass	Austenal Co	7 [illegible] St, Lynn, Mass	LY3-3390
NJ	Austenal Co	[illegible] St, Dover, NJ	FO6-3586
Ohio	Austenal Co	1717 Section Rd. Cinc	ME1-4520
	AUSTIN SCREW PRODUCTS CO	**4873 W Armitage, Chicago 39, Ill**	**NA2-3035**
	M Jenkner #3 *55 D 1205-1535		
	AUTO DATA	**Box 9146, San Diego 9, Cal**	**HU87595**
	T Dillon #10 *28 C 338-365-895		
Cal	Cain & Co	22331 Holt Ave. Los Altos	YO8-0995
Cal	EDSCO	7233 El Roy Dr. Buena Pk	LA2-2948
Cal	Cain & Co	1135 Garnet St. San Diego 9	HU8-0665
DC	Cain & Co	734 15th St. NW, Washington 5	EX3-7587
Fla	Cain & Co	410 150th Ave. St. Petersburg 8	WA1-0151
Ill	Cain & Co	3508 Devon Ave, Chicago 35	OR6-9500
Mass	Cain & Co	1664 Massachusetts Ave. Lexington	VO2-5300
NJ	Cain & Co	1107 Green Briar Rd. Haddonfield	HA8-3700
NM	Cain & Co	1437 San Mateo NE. Albuquerque	26-85300
NY	Cain & Co	10 Columbus Circle, NY 10	PL7-8877
NY	Cain & Co	High Rd. [illegible]	PE7-1238
NY	Cain & Co	14 Reiter St. Hicksville	WE5-5813
Ohio	Cain & Co	Box 184, Yellow Springs	RO7-8661
Wash	Cain & Co	7736 33rd NE. Seattle 5	MA3-3303
	AUTO-SWAGE PRODUCTS, INC	**255 Canal St, Shelton, Conn**	**RE5-3361**
	#2 *50 895-925-1280-1315-1330-1780-1875		
Ariz	Irving C Foss	744 Faircourt Ln, Glendale 3, Cal	CI1-2594
Cal	Irving C Foss	744 Faircourt Ln, Glendale 3, Cal	CI1-2594
Colo	Irving C Foss	744 Faircourt Ln, Glendale 3, Cal	CI1-2594
Del	Reece Geissinger Assoc	1795 N Highland Rd, Pittsbgh 28, Pa	
Ill	Lester Smirna	5376 W Lawrence Ave, Chicago 38	
Ind	Lester Smirna	5376 W Lawrence Ave, Chicago 30, Ill	
Iowa	A V Doran Co	950 Francis Pl, St. Louis 5, Mo	PA5-3377
Kan	A V Doran Co	950 Francis Pl, St. Louis 5, Mo	PA5-3377
Ky	A V Doran Co	950 Francis Pl, St. Louis 5, Mo	PA5-3377
Md	Reece Geissinger Assoc	1795 N Highland Rd, Pittsbgh 28, Pa	
Mo	A V Doran Co	950 Francis Pl, St. Louis 5, Mo	PA5-3377
Neb	A V Doran Co	950 Francis Pl, St. Louis 5, Mo	PA5-3377
Nev	Irving C Foss	744 Faircourt Ln, Glendale 3, Cal	CI1-2594
NJ	Stephen Lamb Assoc	60 E 42nd St, NY 17	
NY	Stephen Lamb Assoc	60 E 42nd St, NY 17	
Ohio	George P Bray Co	11750 Shaker Blvd, Cleveland 20, Ohio	LO1-6150
Ore	Irving C Foss	744 Faircourt Ln, Glendale 3, Cal	CI1-2594
Pa	Reece Geissinger	1795 N Highland Rd, Pittsbgh 28	
Tenn	A V Doran Co	950 Francis Pl, St Louis 5, Mo	PA5-3377
Wash	Irving C Foss	744 Faircourt Ln, Glendale 3, Cal	CI1-2594
	AUTOCRAT ELECTRONICS CO	**5024 Elm St, Skokie, Ill**	**OR3-8033**
	R Gebbies #1 *7 A 1255		
	AUTOMATIC ELECTRIC SALES CORP	**Northlake, Ill**	**FI5-7111**
	V Jones #350 *8500 G 325-1460-1645-1735-1765-1925		
Ala	D C Leis	711 Magnolia Ave, Orlando, Fla	GA5-8343
Ariz	H M Coldren	4415 W Pico Blvd. Los Angeles 19, Cal	WE8-2093
Ark	C G Libby	318 N Pearl St. Dallas 1, Tex	RI2-2616
Cal	H M Caldren/J H Chillas	4415 W. Pico Blvd, Los Angeles 19, Cal	WE8-2093
Cal	A D Boehm	1838 El Camino Real, Burlingame, Cal	OX7-4046
Colo	P J Mozola	2021 Main St, Kansas City 8, Mo	HA1-7575
Conn	A Grady	730 Third Ave, New York 17, NY	MU7-3050
Del	J K Kallas	6816 Market St. Upper Darby, Pa	FL2-7023
DC	J P Costello	Shirley Hwy. & Edsall Rd. Springfield, Va	FL4-1811
Fla	D C Leis	711 Magnolia Ave, Orlando, Fla	GA5-8343

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ga	D C Leis	711 Magnolia Ave, Orlando, Fla	GA5-8343
Idaho	A D Boehm	1838 El Camino Real, Burlingame, Cal	OX7-4046
Ill	P J Mazola	2721 Main St, Kansas City 8, Mo	HA1-7575
Ind	R A Gibson	3901 Far Hills Ave, Dayton 9, Ohio	AX9-6481
Ind	W M Lombardi	New Center Bldg, Detroit 2, Mich	TR5-5511
Iowa	C T Bowman	7600 Hwy 7, Minneapolis 26, Minn	WE5-3481
Kan	P J Mazola	2721 Main St, Kansas City 8, Mo	HA1-7575
Ky	R A Gibson	3901 Far Hills Ave, Dayton 9, Ohio	AX9-6481
La	C G Libby	318 N Pearl St. Dallas 1, Tex	RI2-2616
Me	A T Brennan	751 Main St, Waltham, Mass	TW9-8638
Md	J K Kallas	6916 Market St. Upper Darby, Pa	FL2-7023
Md	J P Costello	Shirley Hwy. & Edsall Rd. Springfield, Va	FL4-1811
Mass	A T Brennan	751 Main St, Waltham, Mass	TW9-8638
Mich	C T Bowman	7600 Hwy 7, Minneapolis 26, Minn	WE5-3481
Mich	W M Lombardi	New Center Bldg. Detroit 2	TR5-5511
Minn	C T Bowman	7600 Hwy 7, Minneapolis 26	WE5-3481
Miss	C G Libby	318 N Pearl St. Dallas 1, Tex	RI2-2616
Mo	P J Mazola	2721 Main St, Kansas City 8, Mo	HA1-7575
Mont	A D Boehm	1838 El Camino Real, Burlingame, Cal	OX7-4046
Neb	C T Bowman	7600 Hwy 7, Minneapolis 26, Minn	WE5-3481
Nev	A D Boehm	1838 El Camino Real, Burlingame, Cal	OX7-4046
Nev	J H Chiles	4416 W. Pico Blvd, Los Angeles 19, Cal	WE8-2093
NH	A T Brennan	751 Main St, Waltham, Mass	TW9-8638
NJ	R O Cuomo	730 Third Ave, New York 17, NY	MU7-3050
NJ	G W Downs	6916 Market St, Upper Darby, Pa	FL2-7023
NM	C G Libby	318 N Pearl St. Dallas 1, Tex	RI2-2616
NY	Weinberg Cuomo Grady	730 3rd Ave New York 17	MU7-3050
NY	J F Hern	57 Granite Bldg, Rochester, NY	BA5-7784
NC	J P Costello	Shirley Hwy. & Edsall Rd. Springfield, Va	FL4-1811
ND	C T Bowman	7600 Hwy 7, Minneapolis 26, Minn	WE5-3481
Ohio	R E Page	1045 Lake Ave. Cleveland 2	PR1-6226
Ohio	W M Lombardi	New Center Bldg. Detroit 2, Mich	TR5-5511
Ohio	R A Gibson	3901 Far Hills Ave, Dayton 9, Ohio	AX9-6481
Okla	C G Libby	318 N Pearl St. Dallas 1, Tex	RI2-2616
Ore	A D Boehm	1838 El Camino Real, Burlingame, Cal	OX7-4046
Pa	Kallas, Downs	6916 Market St. Upper Darby	FL2-7023
Pa	R E Page	1045 Lake Ave. Cleveland 2, Ohio	PR1-6226
RI	A T Brennan	751 Main St, Waltham, Mass	TW9-8638
SC	D C Leis	711 Magnolia Ave, Orlando, Fla	GA5-8343
SD	C T Bowman	7600 Hwy 7, Minneapolis 26, Minn	WE5-3481
Tenn	J P Costello	Shirley Hwy. & Edsall Rd. Springfield, Va	FL4-1811
Tex	C G Libby	318 N Pearl St. Dallas 1	RI2-2616
Utah	A D Boehm	1838 El Camino Real, Burlingame, Cal	OX7-4046
Vt	A T Brennan	751 Main St, Waltham, Mass	TW9-8638
Va	J P Costello	Shirley Hwy. & Edsall Rd. Springfield, Va	FL4-1811
Wash	A D Boehm	1838 El Camino Real, Burlingame, Cal	OX7-4046
W Va	J P Costello	Shirley Hwy. & Edsall Rd. Springfield, Va	FL4-1811
W. Va	R A Gibson	3901 Far Hills Ave, Dayton 9, Ohio	AX9-6481
Wis	C T Bowman	7600 Hwy 7, Minneapolis 26, Minn	WE5-3481
Wyo	A D Boehm	1838 El Camino Real, Burlingame, Cal	OX7-4046
•	**AUTOMATIC METAL PRODUCTS CORP**	**323 Berry St, Brooklyn 11, NY**	**EV8-6057**
	P Gilbert #15 *250 E 345-385-895-1045-1135-1460		
Ala	Southeast Sales Co	PO Box 6143, Raleigh, NC	TE4-8565
Ariz	Shepherd-Winters Co	7193 Cahuenga Blvd, Hollywood 28, Cal	HO6-2171
Cal	Shepherd-Winters Co	7193 Cahuenga Blvd, Hollywood 28	HO6-2171
Cal	L A Howard & Co	1961 Howard St, San Francisco, Cal	HE1-4731
Colo	Applied Engineering Products	415 Felt Bldg, Salt Lake City, Utah	EM4-4942
Conn	Wayne B Palisca Inc	1787 Massachusetts Ave, Lexington, Mass	VO2-7224
DC	J Onore	555 Winchester Ave, Union, NJ	EL5-0474
Fla	Southeast Sales Co	PO Box 6143, Raleigh, NC	TE4-8565
Ga	Southeast Sales Co	PO Box 6143, Raleigh, NC	TE4-8565
Idaho	Applied Engineering Products	415 Felt Bldg, Salt Lake City, Utah	EM4-4942
Ill	P G M Component Sales	2842 N Sheridan Rd, Chicago 14	BU1-2112
Ind	P G M Component Sales	2842 N Sheridan Rd, Chicago 14, Ill	BU1-2112
Iowa	P G M Component Sales	2842 N Sheridan Rd, Chicago 14, Ill	BU1-2112
Kan	Maury E Bettis Co	3706 Broadway, Kansas City 11, Mo	LO1-0772
Me	Wayne B Palisca Inc	1787 Massachusetts Ave, Lexington, Mass	VO2-7224
Md	J Onore	555 Winchester Ave, Union, NJ	EL5-0474
Mass	Wayne B Palisca Inc	1787 Massachusetts Ave, Lexington, Mass	VO2-7224
Mich	P G M Component Sales	2842 N Sheridan Rd, Chicago 14, Ill	BU1-2112
Minn	Anderson & Associates	3625 York Ave, N., Minneapolis, Minn	JU8-2390
Mo	Maury E Bettis Co	3706 Broadway, Kansas City 11	LO1-0772
Neb	Maury E Bettis Co	3706 Broadway, Kansas City 11, Mo	LO1-0772
Nev	Shepherd-Winters Co	7193 Cahuenga Blvd, Hollywood 28, Cal	HO6-2171
NH	Wayne B Palisca Inc	1787 Massachusetts Ave, Lexington, Mass	VO2-7224
NJ	J Onore	555 Winchester Ave, Union, NJ	EL5-0474
NJ	W R Griffin Co	P O Box 15, Spring House, Pa	DI3-1770
NY	M Ross	550 5th Ave, New York, NY	JU6-0653
NY	H A F Assoc	430 E 86th St, NY	RE7-5850
NC	Bill Henry Associates	P.O. Box 6073, Charlotte, NC	FR5-8958
Ohio	Components Engineering Co	7461 N. Linden La, Cleveland, Ohio	VI2-2737
Ohio	Frank J Campisano	3915 Race Rd, Cinc	MO2-1616
Okla	Howell Sales	PO Box 747, Grand Prairie, Tex	
Ore	Samuel H Strom Co	621 Michigan St, Seattle, Wash	PA3-7310
Pa	W R Griffin Co	PO Box 15, Spring House	DI3-1770
RI	Wayne B Palisca Inc	1787 Massachusetts Ave, Lexington, Mass	VO2-7224
SC	Bill Henry Associates	P.O. Box 6073, Charlotte, NC	FR5-8958
Tenn	Southeast Sales Co	PO Box 6143, Raleigh, NC	TE4-8565
Tex	Howell Sales	PO Box 747, Grand Prairie	
Utah	Applied Engineering Products	415 Felt Bldg, Salt Lake City, Utah	EM4-4942
Vt	Wayne B Palisca Inc	1787 Massachusetts Ave, Lexington, Mass	VO2-7224
Va	J Onore	555 Winchester Ave, Union, NJ	EL5-0474
Wash	Samuel H Strom Co	621 Michigan St, Seattle	PA3-7310
Wisc	P G M Component Sales	2842 N Sheridan Rd, Chicago 14, Ill	BU1-2112
Wyo	Applied Engineering Products	415 Felt Bldg, Salt Lake City, Utah	EM4-4942
Canada	John Harring & Co Ltd	3468 Dundas St, W, Toronto, Canada	RO2-9824
	AUTOMATIC RADIO MFG CO., INC	**122 Brookline Ave, Boston, Mass**	**CO6-1420**
	E Newsman 45-1425		
	AUTOMATIC SWITCH CO	**50-56 Hanover Rd, Florham Park, NJ**	**FR7-4600**
	R McCormick #80 *785 255-350-1460-1645-1735-1920		
Ala	McConnell Sales & Engrg Corp	1661 28th Ave, S., Birmingham 9, Ala	TR1-3501
Ariz	Steel & Eng Products Co	211 E Camelback Rd, Phoenix	CR4-9293
Ariz	Barney H Hartley	738 N. Alhambra, Phoenix, Ariz	AL8-2551
Ark	Hodges Co., The	4407 S Peoria, Tulsa, Okla	WE9-0894
Cal	Automatic Switch Co	1233 Goodrich Blvd, Los Angeles 22	PA1-3542
Cal	Paul S Everley Co	550 9th St, San Francisco 3, Cal	HE1-2295
Colo	Clyde P Elliott Co	651 Delaware St, Denver 4, Colo	AL5-7988
Conn	Automatic Switch Co	1447 Washington St, W. Newton, Mass	BI4-6626
Del	Automatic Switch Co	1500 Kings Hwy, E., Haddonfield, NJ	HA9-0300
DC	John J Herrity	Nat'l Press Club Bldg, Wash 4, DC	NA8-6561
Fla	Industrial Specialties Sales	424 S. MacDill Ave, Tampa 1, Fla	RE6-1480
Ga	Rittelmeyer & Co., Inc	150 Nassau St, N.W., Atlanta 1, Ga	JA4-1531
Hawaii	Honolulu Iron Works Co	Box 3140, Honolulu 2, T H	5-0961
Idaho	Control Equipment Co	323 W. 14th S., Salt Lake City 15, Utah	HU7-7741
Ill	Automatic Switch Co	2221 W. Howard St, Chicago 45, Ill	RO1-7450
Ill	C O Leaver Co	4030 Chouteau Ave, St. Louis, Mo	JE1-2040
Ind	C M Buck & Associates	2927 Central Ave, Indianapolis 5, Ind	WA5-1832
Iowa	Lenmark & Parker Inc	6504 Walker, Minneapolis 26, Minn	WE9-2631
Iowa	Conrad R Bangl	524 14th & Farnam St, Omaha 2, Neb	AT4232
Kan	C O Leaver Co	6107 Troost Ave. Kansas City 10, Mo	JA3-2908
Ky	McNay Equipment Co	4850 Cooper Rd, Cincinnati 42, Ohio	TW1-7122
Me	Automatic Switch Co	1447 Washington St, W. Newton, Mass	BI4-6626
Md	Sidney Dubinsky	Box 7456, Baltimore 27, Md	CI2-9213
Mass	Automatic Switch Co	1447 Washington St, W. Newton, Mass	BI4-6626
Mich	Carman Adams, Inc	17360 W 8 Mile Rd, Southfield	KE8-2100
Minn	Pierre Lenmark Co	6504 Walker St, Minneapolis 26	WE9-2631
Mo	C O Leaver Co	4030 Chouteau Ave, St. Louis 10, Mo	JE1-2040
Mont	Standard Electric Sales	204 W. Lucile St, Seattle 4, Wash	PA5-9440
Neb	Conrad R Bangl	524 WOW Bldg, Omaha 2	341-4232
Nev	Central Equipment Co	323 W. 14th S., Salt Lake City 15, Utah	HU7-7741
NH	Automatic Switch Co	1447 Washington St, W. Newton, Mass	BI4-6626
NJ	Automatic Switch Co	1500 Kings Hwy, E., Haddonfield, NJ	HA9-0300
NM	Ralph B Black	1725 Hermosa Dr. SE, Albuquerque	AM5-0144
NM	Steel & Eng Products Co	211 Sierra Dr. SE, Albuquerque	AL6-9612
NY	John C Cox Co	528 Blue Cross Bldg, Buffalo 2, NY	MO5166
NC	Purser & London Inc	3317 E. 4th St, Charlotte 4, NC	ED3-7549
ND	Pierre Lenmark Co	6504 Walker St, Minneapolis, Minn	WE9-2631
Ohio	Anderson-Bolds Inc	2012 W. 25th St, Cleveland 13, Ohio	PR1-7112
Ohio	McNay Equipment Co	4850 Cooper Rd, Cincinnati 42, Ohio	TW1-7122
Okla	Hodges Co., The	4407 S Peoria, Tulsa, Okla	WE9-0894
Ore	Standard Electric Sales	204 W. Lucile St, Seattle 4, Wash	PA5-9440
Pa	Continental Sales & Engrg Co	211 Nelson Ave, Pittsburgh 35, Pa	CH1-5660
Pa	Automatic Switch Co	1500 Kings Hwy, E., Haddonfield, NJ	MA7-0617
RI	Automatic Switch Co	1447 Washington St, West Newton, Mass	BI4-6626
SC	Purser & London Inc	3317 E. 4th St, Charlotte 4, NC	ED3-7549
SD	Pierre Lenmark Co	6504 S Peoria, Tulsa, Okla	WE9-0894
Tenn	Rittelmeyer & Co., Inc	150 Nassau St, N.W., Atlanta 1, Ga	JA4-1531
Tenn	McConnell Sales & Engrg Corp	1661 28th Ave, S., Birmingham 9, Ala	TR1-3501
Tex	Glidden Engrg & Equip Co	3807 Winchester C, Houston 3, Tex	CA4-6471
Utah	Control Equipment Co	323 W. 14th S., Salt Lake City 15, Utah	HU7-7741
Vt	Automatic Switch Co	1447 Washington St, West Newton, Mass	BI4-6626
Va	John J Herrity	Nat'l Press Club Bldg, Wash, DC	NA8-6561
Wash	Standard Electric Sales	204 W. Lucile St, Seattle 4, Wash	PA5-9440
W.Va	Continental Sales & Engrg Co	211 Nelson Ave, Pittsburgh 35, Pa	CH1-5660
Wis	Pierre Lenmark Co	6504 S Peoria, Tulsa, Okla	WE9-0894
Wisc	Grant E Beverly Co., Inc	5856 N. Port Washington Rd, Milwaukee	WO2-2294
Wyo	Clyde P Elliott Co	651 Delaware St, Denver 4, Colo	AL5-7988
	AUTOMATIC TIMING & CONTROLS INC	**King of Prussia, Pa**	**BR9-1100**
	#26 *200 E 360-895-1460-1810-1850		
Ala	Control Eqpt. Co	2830 S. 19 St. Birmingham 9	TR9-8211
Ariz	Technical Services Co. Inc	2430 E. Washington St. Phoenix	BR5-5423
Cal	Time-Trol Inc	5755 Van Nuys Blvd. Van Nuys	ST1-3202
Cal	Earle C Call & Assoc	1495 Bayshore Blvd. SF 24	JU5-7411
Colo	A J Nelson Co	710 E. Louisiana St. Denver 10	PE3-5528
Fla	Q C Eqpt. Sales Co	2750 SW 27th St. Miami	HI4-5290
Ga	Control Eqpt. Co	2166 Maple Dr. NE, Atlanta 5	CE7-1688
Ill	ATC Inc	6101 NW Hwy. Chicago 31	NE1-1034
Iowa	Volco Co	314 Kahl Bldg. Davenport	DA6-5233
Ky	Charles Weber Co. Inc	536 Eastern Parkway, Louisville 17	ME7-2574
La	Williams Eqpt. Co	2020 Scenic Hwy. Baton Rouge	EL5-4646
Md	ATC Inc	9006 Liberty Rd. Randallstown	WA2-5535
Mass	Cowperthwait & Brodhead	570 Hillside Ave. Needham Hts 94	HI4-9410
Mich	H H Barnum Co	12201 Merriman Rd. Livonia	KE1-7504
Minn	Volco Co	831 S. 6th St. Mpls 4	FE6-6631
Mo	Kemp Eng. Co	6414 A Hampton Ave. St. Louis 9	FL1-2175
Mo	C O Leaver Co	6107 Troost Ave. KC 10	JA3-2908
NM	Technical Services Co. Inc	506 Coal Ave. SE, Albuquerque	CH7-4933
NY	ATC Inc	470 North Ave. Elizabeth 3	EL4-3308
NY	John Meyer	1072 Colvin Ave. Kenmore 17	TR3-5444
NY	George O Miller Co	639 S. Warren St. Syracuse 2	HA2-5004
NC	Brown & Morrison	1900 E. 7th St. Charlotte 4	ED3-0774
Ohio	ATC Inc	3438 Duck Creek Rd. Cinc 13	JE1-8794
Ohio	ATC Inc	2604 Walton Ave. Cleve 13	MA1-8880
Okla	Paul King Co	826 N. Fulton, Tulsa 15	TE6-2501
Ore	J A Tudor & Assoc. Inc	1004 SE Belmont, Portland 14	BE2-1188
Pa	ATC Inc	610 Foreland St. Pittsbgh 12	CE1-0400
Tenn	R L Overman	2065 Union Ave. Memphis 4	BR5-0844
Tex	Eads Co., The	115 Dunlavy St. Houston 19	JA6-1646
Tex	Kemp Eng. Co	2618 Manana Dr. Dallas 20	FL7-6663
Tex	Technical Services Co. Inc	201 Southern Pacific Bldg. El Paso	KE2-2296
Utah	Control Eqpt. Co. of Salt Lake	323 W. 14th S. Salt Lake City 15	HU7-7741
Wash	J A Tudor & Assoc. Inc	2605 Western Ave. Seattle 1	MU2-7444
Wis	ATC Inc	6101 NW Hwy. Chicago 31, Ill	NE1-1034
Can	Automatic Timing & Controls	5485 Notre Dame St. W. Montreal 30, Que	WE2-6115
Can	Assoc. Instru. & Controls Ltd	2655 Bates Rd. Montreal, Que	RE8-1167
Can	R L Brews & Son Ltd	324 - 11th Ave. SW, Calgary, Alb	CH4-2736
Can	Norman L Haney Agency Ltd	875 Wall St. Winnipeg 10, Man	SP2-1219
Can	Lisle Instrument Systems	805 Wilson Ave. Toronto, Ont	ME5-0131
Can	K H W Seppala Ltd	399 W. 5th Ave. Vancouver 10, BC	TR9-3033
For	Everett Edgcumbe & Co. Ltd	Colindeep Ln. Hendon London NW 9, Eng	
	AUTOMATION DYNAMICS CORP	**255 County Rd. Tenafly, NJ**	**LO7-3232**
	L Hillman #6 *20 C 45-325-330-338-360-365-895-1135-1405-1735-1810-1850-1870		
DC	A H Fogelman Assoc. Inc	2000 K St. NW, Washington	FE3-6767
NY	Harold DeSoye	Franklin Natl Bank Bldg. Mineola	PI7-8500
	AUTOMATION ELECTRONICS INC.	**11924 W. Wash. Blvd. LA 66, Cal**	**UP0-6215**
	W Delbridge *35 345		
Ala	Emory Design & Eqpt. Co	Box 9013, Birmingham	TR1-1369
Ariz	Thomas L Stevens Co. Inc	7648 San Fernando Rd. Sun Valley, Cal	TR7-0563
Cal	Thomas L Stevens Co. Inc	7648 San Fernando Rd. Sun Valley	TR7-0563
Cal	Gene F Straube Co	1181 Sesame Dr. Sunnyvale	
Colo	Barnhill Assoc.	1170 S. Sheridan Blvd. Denver	WE5-4646
Conn	David Sonkin Assoc	10 Fiske Pl. NY	MO8-9809
Del	A Wetterhahn Co	538 Buena Vista Ave. Maple Shade, NJ	NO2-1611
DC	A Wetterhahn Co	538 Buena Vista Ave. Maple Shade, NJ	NO2-1611
Fla	Emory Design & Eqpt. Co	Box 507, Bradenton	2-6767
Ga	Emory Design & Eqpt. Co	Box 9013, Birmingham, Ala	TR1-1369
Idah	Jack Buckwalter	660 E. 1st N. Centerville, Utah	EL5-5101
Ill	J J Indra Sales Co	5117 N. Oconto Ave. Chicago	UN7-8524
Ind	J J Indra Sales Co	5117 N. Oconto Ave. Chicago, Ill	UN7-8524
Iowa	Design & Sales Eng. Co	2702 41st St. Des Moines	BL5 4584
Kan	Design & Sales Eng. Co	7803 Forsyth Blvd. St. Louis, Mo	PA1-6403
Md	A Wetterhahn Co	538 Buena Vista Ave. Maple Shade, NJ	NO2-1611
Mass	Todino Eng. Sales Inc	Box 201, Needham Hts.	HI4-7925
Mich	Tower Eng. Co	19364 James Couzens, Detroit	DI1-2332
Mo	Design & Sales Eng. Co	7603 Forsyth Blvd. St. Louis	PA1-6403
Neb	Design & Sales Eng. Co	7603 Forsyth Blvd. St. Louis, Mo	PA1-6403
NH	Todino Eng. Sales Inc	1007 Farmington Ave. W. Hartford, Conn	AD2-9532
NJ	A Wetterhahn Co	538 Buena Vista Ave. Maple Shade	NO2-1611
NM	Barnhill Assoc	1170 S Sheridan Blvd. Denver, Colo	WE5-4646
NY	David Sonkin Assoc	10 Fiske Pl. NY	MO8-9809
Ohio	Tower Eng. Co	3858 Linden Ave. Dayton	CL6-7931
Ore	E F Reiber Co., The	Box 1621, Seattle, Wash	EM2-0745
Pa	A Wetterhahn Co	538 Buena Vista Ave. Maple Shade, NJ	NO2-1611
Pa	Tower Eng. Co	2130 Lee Rd. Cleve, Ohio	YE2-8563
RI	Todino Eng. Sales Inc	Box 201, Needham Hts. Mass	HI4-7925
Utah	Jack Buckwalter	660 E. 1st N. Centerville	EL5-5101
Vt	Todino Eng. Sales Inc	Box 201, Needham Hts. Mass	HI4-7925
Va	A Wetterhahn Co	538 Buena Vista Ave. Maple Shade, NJ	NO2-1611
Wash	E F Reiber Co., The	Box 1621, Seattle	EM2-0745
Can	E S Gould Sales Co	19 LeRoyer St. W. Montreal, Que	
	AUTOMATION INDUSTRIES INC DATRAN DIV	**1836 Rosecrans Ave, Manhattan Beach, Cal**	**OR8-0808**
	360-895-1850		
Ala	E G Holmes & Associates	4969 Roswell Rd, N.E., Atlanta 5, Ga	
Ariz	Moxon Electronics Corp	485 S. Robertson, Beverly Hills, Cal	BR29311
Ark	Dykes Co., Inc	Box 1763, Shreveport	
Cal	Moxon Electronics Corp	485 S. Robertson, Beverly Hills, Cal	BR29311
Cal	Moxon Electronics Corp	4434 Ingraham St, San Diego 9, Cal	HU8-2901
Cal	Moxon Electronics Corp	15-41st Ave, San Mateo, Cal	FI5-7461
Colo	Applied Engineering Pro Co	Felt Bldg, Salt Lake City 11, Utah	EM4-4942
Conn	Brewer Engineering Lab Inc	Marion, Mass	MA103
Del	J J Maguire Co	Investment Bldg, Wash 5, DC	NA8-4247
DC	J J Maguire Co	Investment Bldg, Wash 5, DC	NA8-4247
Fla	E G Holmes & Assoc	4969 Roswell Rd, N.E., Atlanta 5, Ga	
Ga	E G Holmes & Assoc	4969 Roswell Rd, N.E., Atlanta 5, Ga	
Idaho	Applied Engineering Prod Co	Felt Bldg, Salt Lake City 11, Utah	EM4-4942
Kan	Kemco Inc	1618 W. Sixth St, Irving, Tex	
Ky	Ankofski Associates	18915 Grand River Ave, Detroit 23, Mich	KE2-4454
La	Dykes Co., Inc	Box 1763, Shreveport, La	
Me	Brewer Engineering Lab Inc	Marion, Mass	MA103
Md	J J Maguire Co	Investment Bldg, Wash 5, DC	NA8-4247
Mass	Brewer Engineering Lab Inc	Marion Mass	MA103
Mich	Ankofski Associates	18915 Grand River Ave, Detroit 23, Mich	KE2-4454
Miss	Dykes Co., Inc	Box 1763, Shreveport, La	
Nev	Moxon Electronics Corp	485 S. Robertson Blvd, Beverly Hills, Cal	BR2-9311
NH	Brewer Engineering Labs Inc	Marion, Mass	MA103
NJ	Morse Electronic Associates Inc	Box 83, Rutherford, NJ	WE3-1159
NM	Applied Engineering Products Co	Felt Bldg, Salt Lake City 11, Utah	EM4-4942
NY	DB Associates Inc	3807 Erie Blvd, Dewitt 14, NY	GI6-0720
NY	Morse Electronic Associates Inc	Box 83, Rutherford, NJ	WE3-1159
NC	J J Maguire Co	Investment Bldg, Wash 5, DC	NA8-4247
Ohio	Ankofski Associates	18915 Grand River, Detroit 23, Mich	KE2-4454
Okla	Kemco Inc	1618 W. Sixth St, Irving, Tex	
Ore	Remco	321 E. 45th St, Seattle 5, Wash	ME3-5858
Pa	Ankofski Associates	18915 Grand River, Detroit 23, Mich	KE2-4454
Pa	J J Maguire Co	Investment Bldg, Wash 5, DC	NA8-4247
RI	Brewer Engineering Labs Inc	Marion, Mass	MA103
SC	J J Maguire Co	Investment Bldg, Wash 5, DC	NA8-4247
Tenn	E G Holmes & Associates	4969 Roswell Rd, N.E., Atlanta 5, Ga	
Tex	Kemco Inc	1618 W. 6th St, Irving, Tex	
Utah	Applied Engineering Products Co	Felt Bldg, Salt Lake City 11, Utah	EM4-4942
Vt	Brewer Engineering Labs Inc	Marion, Mass	MA103
Va	J J Maguire Co	Investment Bldg, Wash 5, DC	NA8-4247
Wash	Remco	321 E. 45th St, Seattle 5, Wash	ME3-5858
	AUTOMATION MANAGEMENT INC	**Westboro 2, Mass**	**FO6-5377**
	W Alden #1 *3 A 330-338-895		
	AUTOMATION PRODUCTS INC	**3030 Max Roy St. Houston 24, Tex**	**UN9-1485**
	Q Baker 360-895-1735-1850		
Ark	Rawson & Co. Inc	Box 2081, Baton Rouge, La	DI4-9407
Cal	Barton Sales Co of California	350 S Atlantic Blvd. Monterey Park	AT9-3549
Ill	B & G Automation Sales Corp	Box 412, Harvey	ED3-1485
Ind	B & G Automation Sales Corp	Box 412, Harvey, Ill	ED3-1485
La	Rawson & Co. Inc	Box 2081, Baton Rouge	DI4-9407
Miss	Rawson & Co. Inc	Box 2081, Baton Rouge, La	DI4-9407
Pa	Russell F Clark Co	Clark Bldg. Pittsburgh 22	AT1-1989
Tex	Rawson & Co. Inc	Box 13292, Houston 19	JA3-1696
W Va	Allied Controls Co	Box 8283, S Charleston 3	PO6-7313
	AUTONETICS DIV NORTH AMERICAN AVIATION INC	**9150 E. Imperial Hwy, Downey, Cal**	**SP3-2233**
	#5,000 *25,000 G 338-360-895		
Ala	Autonetics	3322 S. Memorial Parkway, Huntsville	JE9-2776
Cal	Autonetics	3400 E. 70th St. Long Beach	ME4-3220
Cal	Autonetics	1838 El Camino Real, Burlingame	OX7-5443
Cal	Autonetics	3584 Wilshire Blvd, Los Angeles, Cal	DU3-2111
DC	Autonetics	905 16th St, N.W., Washington 5, DC	EX3-3346
Ga	Autonetics	Box 377, Hdqtrs. Robins A. F. Base, Ga	
Ill	Autonetics	Prudential Plaza, Chicago	MI4-4522
Mass	D C Kline	Brookline 46	
Mass	Emile Achee	307 Great Rd. Bedford	CR4-8842
NY	Autonetics	717 5th Ave. NY 22	PL2-1707
NY	Autonetics Military Sales	670 Old Country Rd, Garden City, NY	PI7-0730
Ohio	Autonetics	Box 9521, Cleve 39	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ohio	Autonetics	330 W. First St, Dayton 2, Ohio	BA4-6506
Okla	Autonetics	Rm. 204, P. O. Bldg. Midwest City 10	
Tex	Autonetics	3702 Cortleigh Pl, Dallas	FL1-1376
Wash	Autonetics	1331 3rd Ave. Seattle	
Wash	Autonetics	421 Michigan St, Seattle 8, Wash	PA5-8700
For	N. American Aviation S.A.	Geneva, Switz	GE 26 33 47
	AUTOTRON INC	**3629 N. Vermilion St, Danville, Ill**	**HI6-0650**
	#2 *20 D 360-1810		
Ala	Fred Wamble Sales Co	3967 Sherwood Dr, Montgomery, Ala	AM2-1573
Cal	James M Kristozyner	544 Market St, San Francisco 4, Cal	GA1-7700
Cal	Walter W Cullman	7432 W. 83rd St, Los Angeles 45, Cal	OR0-2520
Conn	White Sales Co., Inc	39 Mildrum Rd, Berlin, Conn	BA4-0423
Ill	R Edward Stemm Inc	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Mass	White Sales Co., Inc	945 Great Plain Ave, Needham 92, Mass	HI4-3676
Mich	Basic Service Corp	16544 Plymouth Rd, Detroit 27, Mich	VE7-8820
Minn	R Edward Stemm Inc	123 S. Third St, Minneapolis, Minn	FE5-7172
Mo	Wells-White Co., Inc	3917 Main St, Kansas City, Mo	JE1-6400
Mo	Wells-White Co	569 Melville, St Louis 30, Mo	PA6-2511
NY	Crane & Egert Corp	57 Rhode St, New York 13, NY	WO4-1936-7
NY	Robert F Lamb Co	3407 Delaware Ave, Buffalo 17	TR6-3757
Ohio	James W Murray & Associates, Inc	Box 28, Redwood St, Cincinnati, Ohio	MO2-1616
Ohio	C A Robinson Co	4143 Mayfield Rd, Cleveland 21, Ohio	EV1-9049
Pa	Tyler Griffin Co	32 S. Fairfield Rd, Devon, Pa	MU8-4021
Pa	John T Fuhrman Jr	6822 Thomas Blvd, Pittsburgh 18, Pa	MO1-3838
Tex	Southland Sales Co	2425 W Holcombe, Houston 25	MO5-3978
Wash	C B Parsons & Co	3028 First Ave, Seattle 1, Wash	EV1-9049
Wisc	Bruce Equipment Co	2609 W. Mineral St, Milwaukee 4, Wisc	OR1-0420
Canada	Huggins Equipment Sales Ltd	1131 Pettit Rd, Burlington, Ontario, Canada	
Mexico	Schultz Y Cia	Lago Xochimilco 345, Pte of Monterrey	H9-49
Foreign	Carrington H Stone (Export)	205 W. Wacker Dr, Chicago 6, Ill	RA6-7725
•	**AUTOTRONICS INC**	**P.O. Box 208, Florissant, Mo**	**TE7-3565**
	A Lee #11 *154 145-195-310-360-895		
Ala	Frank Nickerson Co	626 Medlock Rd, Decatur, Ga	ME6-2752
Ariz	Perlmuth Electronic Associates	5057 W. Washington Blvd, L A, Cal	WE1-1041
Ark	Harry D Edmiston	2215 N Olive, Dallas 21, Tex	RL7-8277
Cal	Perlmuth Electronic Associates	5057 W. Washington Blvd, L A, Cal	WE1-1041
Conn	Ress Engineering Sales	259 Walnut St, Newtonville, Mass	LA7-4932
DC	R P Luce Inc	7 Beechwood Rd, Summit, NJ	CR3-9250
Fla	Frank Nickerson Co	626 Medlock Rd, Decatur, Ga	ME6-2752
Ga	Frank Nickerson Co	626 Medlock Rd, Decatur	ME6-2752
Idaho	M K Widdecind Co	222 First Ave, N., Seattle, Wash	AT4-4369
Ill	Burt Anderson & Associates	6414 W. Higgins Ave, Chicago 31, Ill	SP4-4174
Ill	Diesco	7603 Forsyth Blvd, St. Louis, Mo	PA1-6403
Ind	Burt Anderson & Associates	6414 W. Higgins Ave, Chicago 31, Ill	SP4-4174
Iowa	Diesco	7603 Forsyth Blvd, St. Louis, Mo	PA1-6403
Kan	Kemco, Inc	6427 E Kellogg, Wichita	MU8-8224
Ky	Burt Anderson & Associates	6414 W. Higgins Ave, Chicago 31, Ill	SP4-4174
Me	Ress Engineering Sales	259 Walnut St, Newtonville, Mass	LA7-4932
Md	R P Luce Inc	7 Beechwood Rd, Summit, NJ	CR3-9250
Mass	Ress Engineering Sales	259 Walnut St, Newtonville	LA7-4932
Mich	Burt Anderson & Associates	6414 W. Higgins Ave, Chicago, Ill	SP4-4174
Minn	Burt Anderson & Associates	6414 W. Higgins Ave, Chicago 31, Ill	SP4-4174
Mo	Diesco	7603 Forsyth Rd, St. Louis 5, Mo	PA1-6403
Mont	M K Widdecind Co	222 First Ave, N., Seattle, Wash	AT4-4369
Nev	Perlmuth Electronic Associates	5057 W. Washington Blvd, L A, Cal	WE1-1041
NH	Ress Engineering Sales	259 Walnut St, Newtonville, Mass	LA7-4932
NJ	R P Luce Inc	7 Beechwood Rd, Summit, NJ	CR3-9250
NM	Kemco, Inc	6427 E Kellogg, Wichita, Kan	MU8-8224
NY	R P Luce Inc	7 Beechwood Rd, Summit, NJ	CR3-9250
NC	Frank C Nickerson Co	626 Medlock Rd, Decatur, Ga	ME6-2752
Ohio	Burt Anderson & Associates	6414 W. Higgins Ave, Chicago 31, Ill	SP4-4174
Okla	Kemco Inc	6427 E. Kellogg, Wichita, Kan	MU4-8224
Okla	Kemco Inc	6427 E Kellogg, Wichita, Kan	MU8-8224
Ore	M K Widdecind Co	222 First Ave, N., Seattle, Wash	AT4-4369
Pa	R P Luce Inc	7 Beechwood Rd, Summit, NJ	CR3-9250
RI	Ress Engineering Sales	259 Walnut St, Newtonville, Mass	LA7-4932
SC	Frank C Nickerson Co	626 Medlock Rd, Decatur, Ga	ME6-2752
Tenn	Frank C Nickerson Co	626 Medlock Rd, Decatur, Ga	ME6-2752
Tex	Kemco Inc	6427 E Kellogg, Wichita, Kan	MU8-8224
Utah	Kemco Inc	6427 E. Kellogg, Wichita, Kan	MU4-8224
Vt	Ress Engineering Sales	259 Walnut St, Newtonville, Mass	LA7-4932
Va	R P Luce Inc	7 Beechwood Rd, Summit, NJ	CR3-9250
Wash	M K Widdecind Co	222 First Ave, N., Seattle, Wash	AT4-4369
W.Va	R P Luce Inc	7 Beechwood Rd, Summit, NJ	CR3-9250
Wisc	Burt Anderson & Co	6414 W. Higgins Ave, Chicago 31, Ill	SP4-4174
Can	C G Bell	136 Tower Dr, Scarborough, Ont	PL7-3359
	AVCO CORP CROSLEY DIV	**1329 Arlington St, Cincinnati 25, Ohio**	**KI1-6600**
	45-135-180-325-338-360-885-1135-1395-1425-1870		
Cal	Crosley Div Avco Corp	109 N. LaCienega Blvd, Beverly Hills	OL5-7800
DC	Morris M MacCloskey	1701 K St, N.W., Washington 6, DC	ST3-2770
Ohio	B K Boettcher	379 W. First St, Dayton 2, Ohio	BA3-5129
	AVCO CORP. NASHVILLE DIV	**Box 210, Nashville, Tenn**	**AL4-9551**
	45-850-1410		
Cal	Avco Corp	109 N LaCienega Blvd. Beverly Hills	OL5-7800
	AVCO CORP. ELECTRONICS & ORDNANCE DIV	**Box 116, Cincinnati 15, Ohio**	**PR1-8931**
	280-320-325-338-565-775-790-885-895-975-980-1135-1395-1425-1645-1855		
Cal	Avco Corp	109 N LaCienega Blvd. Beverly Hills	OL5-7800
	AVCO RESEARCH & ADVANCED DEVEL DIV	**201 Lowell St, Wilmington, Mass**	**OL8-8911**
	F Giordano #1,500 *2,800 G 195-200-250-675-895		
Ala	Roy Attaway Co	912 Bob Wallace Ave, S.W., Huntsville	JE2-2811
Ala	S S Lee Associates Inc	Room 300, Utilities Bldg, Huntsville, Ala	JE6-0631
Ariz	Instruments for Measurements	3150 El Cajon Blvd, San Diego, Cal	AT3-2081
Cal	Pacific Scientific Co	1280 Chalet Dr, Bell Gardens, Cal	SP3-2620
Cal	Pacific Scientific Co	150 Harrison St, San Francisco, Cal	UO2-0994
Cal	Pacific Scientific Co	1350 5th Ave, San Diego 1, Cal	BE3-0156
Cal	Instruments for Measurements	3150 El Cajon Blvd, San Diego, Cal	AT3-2081
Colo	Hyde Electronics Co	985 E. Logan St, Denver 23, Colo	WE6-3496
Conn	General Measurements Co., Inc	1108 Beacon St, Newton Highlands, Mass	WO9-9150
Conn	Equipment Sales Co., Inc	P.O. Box 6098, New Haven 17, Conn	CH8-5581
Fla	Roy Attaway Co	711 Magnolia Ave, Orlando, Fla	GA4-9893

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Fla	S S Lee Associates Inc	718 W. Smith Ave, Orlando, Fla	GA3-6566
Ga	Roy Attaway Co	P.O. Box 361, Decatur, Ga	DR7-8943
Ill	Walter Engineering Co	4335 W. Peterson Ave, Chicago, Ill	PE6-8747
Kan	Kemco Inc	6427 E. Kellog, Wichita, Kan	MU4-8224
Md	Engineering Associates	2125 Maryland Ave, Baltimore 18, Md	HO7-1966
Md	S S Lee Associates Inc	2521 Ennals Ave, Wheaton, Md	LO5-3066
Mass	General Measurement Co., Inc	1108 Beacon St, Newton Highlands 61	WO9-9150
Mass	Equipment Sales Co., Inc	5 Elm St, Danvers, Mass	SP4-2400
Mich	Angel Associates	13126 Michigan Ave, Dearborn, Mich	LU4-9853
NJ	V A Snyder Co., Inc	2105 Morris Ave, Union, NJ	MU8-6100
NM	Hyde Electronics Co	5200 Constitution Ave, N.E., Albuquerque	AL5-1111
NY	General Measurements Co., Inc	791 Blossom Rd, Rochester 10, NY	HU2-9253
NY	Components for Industry	100 Greenhaven Terr, Tonawanda, NY	JA7-900
NC	Roy Attaway Co	P.O. Box 361, Decatur, Ga	DR7-8943
NC	S S Lee Associates Inc	P.O. Box 906, Winston-Salem, NC	ST8-0431
Ohio	Angel Associates	13126 Michigan Ave, Dearborn, Mich	LU4-9853
Ore	Pacific Scientific Co	1218 S.E. 7th St, Portland 14, Ore	BE4-9747
Pa	V A Snyder Co., Inc	1424 Race St, Philadelphia, Pa	PO3-9141
Tex	Kemco Inc	P.O. Box 998, Irving, Tex	FL1-5900
Utah	Hyde Electronics Co	2900 Connor St, Salt Lake City, Utah	IN7-5763
Wash	Technical Sales Co	1731 1st Ave, S., Seattle, Wash	PA5-9440
Wash	Pacific Scientific Co	421 Michigan St, Seattle 8, Wash	PA5-7000
For	Conco Intl	Box 1884, New Haven 8, Conn	FU9-1511
	AVERY LABEL CO	**1616 S. California Ave, Monrovia, Cal**	**EL4-2524**
	620-965-1190		
	AVIEL ELECTRONICS, INC	**1755 Berkeley St. Santa Monica, Cal**	**UP0-6529**
	A Fellows #2 *20 C 50-345-385-670-1045-1135-1315		
Alas	Fred H Haight Co	3212 Eastlake Ave, Seattle 2 Wash	EA2-1818
Ariz	Carl Hower & Co	369 N Craftsman's Ct. Scottsdale	WH5-2471
Cal	Kenco	1187 Lyons St, Redwood City, Cal	EM9-2876
Colo	R E Cathey Co	1789 Fulton St, Denver 8	FR7-3740
Fla	Hurt Electronics	410 N. E. 147 Terr, N. Miami, Fla	WI7-5080
Idah	Fred H Haight Co	3212 Eastlake Ave, Seattle, Wash	EA2-1818
Idah	R E Cathey Co	1789 Fulton St, Denver 8, Colo	FR7-3740
Ill	Sobel & Assoc	7603 Forsyth Blvd, Clayton 5, Mo	PA6-4616
Mo	Sobel & Assoc	7603 Forsyth Blvd, Clayton 5	PA6-4616
Mont	R E Cathey Co	1789 Fulton St, Denver 8, Colo	FR7-3740
Mont	Fred H Haight Co	3212 Eastlake Ave, Seattle, Wash	EA2-1818
Neb	R E Cathey Co	1789 Fulton St, Denver 8, Colo	FR7-3740
NM	R E Cathey Co	1789 Fulton St, Denver 8, Colo	FR7-3740
Okla	Allied Components	2517 Converse St, Dallas 7, Tex	RI2-2830
Tex	Allied Components	2517 Converse St, Dallas 7, Tex	RI2-2830
Utah	R E Cathey Co	1789 Fulton St, Denver 8, Colo	FR7-3740
Wash	Fred H Haight Co	3212 Eastlake Ave, Seattle	EA2-1818
Wyo	R E Cathey Co	1789 Fulton St, Denver 8, Colo	FR7-3740
Canada	A Deskin Sales Co	1091 14th St, Montreal, Quebec, Canada	HU9-4437
	AVIEN, INC	**58-15 Northern Blvd. Woodside 77, NY**	**YE2-4600**
	S Press #50 *750 F 20-35-45-325-338-338-360-565-895-1135-1735-1850		
Ariz	Randolph Eng Corp	1025 N 1st St, Phoenix	AL8-5281
Cal	Avien Service Corp	1209 S Boyle Ave, Los Angeles 23	AN9-1744
Colo	Peterson Co	4949 Colorado Blvd, Denver	DE3-5434
DC	Scott Donaldson Co	1028 Connecticut Ave, Wash	EX3-5786
Fla	Gentry Assoc	1851 Oak Ln. Orlando	GA4-0700
Kan	Airight Sales	350 S Sussex Dr. Wichita	PA2-4411
Mo	PEM Sales Co	12961 Chandler Ln. St Louis	HE2-4445
Ohio	Avien, Inc	58 Linden Ave. Dayton 3	CL3-8751
Tex	Avien, Inc	5004 Grapevine Hwy, Fort Worth	AT4-0231
Utah	Peterson Co	571 W 4th St, Salt Lake City	EL5-8171
Wash	W J McNabb	Box 586, Bellevue	GL4-0677
	AVIONICS LTD	**Box 200, Niagara-on-the-Lake, Ont, Can**	**HO8-3632**
	J Mitchell *10 A 280-1120-1125-1305-1530		
•	**AVNET INSTRUMENT CORP**	**70 State St. Westbury, NY**	**ED3-5800**
	G Georcio 180-220-338-895-1135-1390-1475-1620-1735-1880		
Cal	Avnet Corp	5877 Rodeo Rd. LA 16	UP0-6141
Cal	Avnet Electronics Corp. of Cal	1262 N. Lawrence Sta Rd. Sunnyvale	RE6-0300
Ill	Avnet Electronics Corp. of Ill	10130 W. Pacific Ave. Franklin Park	GL5-8160
Mass	Avnet Electronics Corp. of Mass	45 Winn St. Burlington	BR2-3060
Ohio	Avnet Electronics Corp of Ohio	4180 Kettering Blvd. Dayton 39	AX8-1458
Utah	Avnet Electronics Corp. of Utah	816 S. Main St. Salt Lake City	DA8-0245
Wash	Avnet Electronics Corp of Pacific NW	11240 Main St. Bellevue	GL4-4911
	AVON GEAR & ENGINEERING CO	**2011 Rice St. Melrose Park, Ill**	**FI5-7890**
	V Tinaglia *22 C 205-755		
	AVON TUBE DIV., HIGBIE MFG CO	**Wagner Rd. Rochester, Mich**	**OL1-9671**
	E Robinson #4 *350 E 1885		
Ala	F & L Sales & Service Co	1015 W. Kirkland Ave, Nashville, Tenn	CO2-0471
Ariz	E Jordan Brookes Co., Inc	6601 Telegraph Rd, L A 22, Cal	RA3-8431
Ark	W P Schoenfield	4407 Northcrest Rd, Dallas 29, Tex	FL2-6200
Cal	E Jordan Brookes Co., Inc	6601 Telegraph Rd, L A 22, Cal	RA3-8431
Fla	Steel Tubing Sales Co	4001 N.W. 32nd Ave, Miami, Fla	NE5-4555
Ga	F & L Sales & Service Co	1015 W. Kirkland Ave, Nashville, Tenn	CO2-0471
Ill	Al G Pinder	325 N. Lombard Ave, Lombard, Ill	MA7-4678
Ind	Al G Pinder	325 N. Lombard Ave, Lombard, Ill	MA7-4678
Kan	C A Roberts Co	137 W. 23rd Ave, N. Kansas City, Mo	BA1-9338
Ky	F & L Sales & Service Co	1015 W. Kirkland Ave, Nashville, Tenn	CO2-0471
Md	Rolled Steel Products Corp of Pa	314 Old Lancaster Rd, Merion Sta, Pa	MO4-5450
Mich	Marsh Coulter Co	2160 E 9 Mile Rd. Warren	SL4-8100
Mo	C A Roberts Co	137 W. 23rd Ave, N. Kansas City, Mo	BA1-9338
Nev	E Jordan Brookes Co., Inc	6601 Telegraph Rd, L A 22, Cal	RA3-8431
NJ	Rolled Steel Products Corp	10 Pine St, Morristown, NJ	JE8-8810
NJ	Rolled Steel Products Corp of Pa	314 Old Lancaster Rd, Merion Sta, Pa	MO4-5450
NY	Rolled Steel Products Corp	10 Pine St, Morristown, NJ	JE8-8810
Okla	C A Roberts Co	2710 E. Apache St, Tulsa, Okla	MA6-6631
Ore	E B Clark	1009 Securities Bldg, Seattle, Wash	
Pa	Rolled Steel Products Corp of Pa	314 Old Lancaster Rd, Merion Sta, Pa	MO4-5450
Tenn	F & L Sales & Service Co	1015 W. Kirkland Ave, Nashville, Tenn	CO2-0471
Tex	W P Schoenfield	4407 Northcrest Rd, Dallas 29, Tex	FL2-6200
Wash	E B Clark	1009 Securities Bldg, Seattle, Wash	
Wisc	Al G Pinder	325 N. Lombard Ave, Lombard, Ill	MA7-4678

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	AVTRON MFG INC	**10409 Meech Ave, Cleveland, Ohio**	**MI1-8310**
	A Polster #15 *105 E 895-1045		
Ala	A C Craft & Assoc	P O Box 11716, Atlanta, Ga	CE3-9944
Cal	Avtronics	P O Box 90576, Los Angeles 45	OR8-9045
Cal	Avtronics	103 W. Manchester Blvd, Inglewood 1	OR3-3105
Fla	Ludlum Assoc	Box 48-1337, Miami Springs 48	TU5-3611
Ga	A C Craft & Associates	Box 11716, Northside Sta, Atlanta 5, Ga	CE3-9944
Kan	Associated Air Services	315 E. Harry St, Wichita, Kan	AM7-3930
Mo	P E M Sales	8618 Brookshire, University City 24, Mo	WY1-1539
Ohio	Martin-Rettger Inc	11556 Shaker Blvd, Cleveland 20, Ohio	SW1-8787
Ohio	Noel A Wright	P.O. Box 57, Centerville, Ohio	TU5-2611
Tex	G W Sickler Co	P O Box 35488, Dallas 35	FL1-5515
Wash	James Findlay Co	P.O. Box 717, Bellevue, Wash	GL4-5700
For	American Avitron, Inc	514 Halstead Ave, Mamaroneck, NY	OW8-9210
Canada	Aircraft Appliances & Equip Ltd	500 Dixon Rd, Weston, Ontario, Canada	CH4-5506
•	**AXEL ELECTRONICS INC**	**134-20 Jamaica Ave. Jamaica 18, NY**	**AX1-3900**
	J O'Donnell #8 *80 B 220-1145-1200-1855		
Alaska	Ray Johnston Co	1011 E. Pike Seattle, Wash	
Ariz	David G Dorman Co	3651 Garrison St, San Diego 6, Cal	
Ark	Air Equipment Sales Co	2608 Inwood Rd, Dallas 35, Tex	
Cal	Charnet Co	7410 W. 85th St, Los Angeles 45, Cal	
Cal	McKnight Co	1436 El Camino Real, Menlo Park, Cal	
Conn	Hathaway Electronics	238 Main St, Cambridge, Mass	
Del	L Slubia Co	1067 Drexel Bldg. Phila, Pa	
Idaho	Ray Johnston Co	1011 E. Pike St, Seattle, Wash	
Ill	R E Stemm Co	5681 W. Lake St, Chicago, Ill	
Ind	R E Stemm Co	5681 W. Lake St, Chicago, Ill	
Iowa	R E Stemm Co	5681 W. Lake St, Chicago, Ill	
La	Air Equipment Sales Co	2608 Inwood Rd, Dallas 35, Tex	
Me	Hathaway Electronics	238 Main St, Cambridge, Mass	
Md	L Slubia Co	1067 Drexel Bldg. Phila, Pa	
Md	Paragon Sales	111 S. 22nd St, Philadelphia, Pa	
Mass	Hathaway Electronics	238 Main St, Cambridge, Mass	
Minn	R E Stemm Co	5681 W. Lake St, Chicago, Ill	
Mont	Ray Johnston Co	1011 E. Pike St, Seattle, Wash	
Nev	McKnight Co	1436 El Camino Real, Menlo Park, Cal	
NH	Hathaway Electronics	238 Main St, Cambridge, Mass	
NJ	M J Del Grosso	134-20 Jamaica Ave, Jamaica, NY	
NY	M J Del Grosso	134-20 Jamaica Ave, Jamaica	
Okla	Air Equipment Sales Co	2608 Inwood Rd, Dallas, Tex	
Pa	L Slubia Co	1067 Drexel Bldg. Phila	
Pa	Paragon Sales	111 S. 22nd St, Philadelphia, Pa	
RI	Hathaway Electronics	238 Main St, Cambridge, Mass	
Tex	Air Equipment Sales Co	2608 Inwood Rd, Dallas, Tex	
Va	Paragon Sales	111 S. 22nd St, Philadelphia, Pa	
Wisc	R E Stemm Co	5681 W. Lake St, Chicago, Ill	
	B & C INSULATION PRODUCTS INC	**490 Lincoln Hwy, Iselin, NJ**	**LI8-0815**
	B Sherman *6 A 1890		
NY	R E Breuer Co., Inc	10 Columbus Circle, New York, NY	CO6-0440
	B & F INSTRUMENTS INC	**3644 N. Lawrence, Philadelphia 40, Pa**	**GA5-4175**
	M Stein #12 *55 B 15-338-360-430-895-1850		
Ariz	B J Wolfe Enterprises	PO Box 281, Northridge, Cal	TR7-5135
Cal	B J Wolfe Enterprises	PO Box 281, Northridge	TR7-5135
Colo	Applied Eng Prods	405 Felt Bldg, Salt Lake City, Utah	EM4-4942
Conn	L R Provencher & Associates	525 Pleasant St, Worcester, Mass	PL3-8187
Del	Polymetric Devices Co	P. O. Box 236, Glenside, Pa	TU7-4073
DC	Polymetric Devices Co	P. O. Box 246, Silver Springs, Md	JU8-1600
Ill	Eng Services Co	4717 Mt Vernon Ave, St Louis, Mo	PA6-2233
Ill	McMahon & Deutsch	332 S Michigan Blvd, Chicago	WA2-1848
Iowa	Eng Services Co	1305 Oakland Gardens, Cedar Rapids	EM5-6103
Kan	Ensco	347 Pinecrest, Wichita	MU3-3751
La	James H Ware Co	PO Box 493, Baton Rouge	WA1-1618
Me	L R Provencher & Associates	525 Pleasant St, Worcester, Mass	PL3-8187
Md	Polymetric Devices Co	P. O. Box 3562, Baltimore, Md	HA6-5460
Mass	L R Provencher & Associates	525 Pleasant St, Worcester, Mass	PL3-8187
Mich	Tiby Co	18222 Jas Couzens Hwy, Detroit 35, Mich	UN4-9299
Mo	Eng Services	St Louis	PA6-2233
Mo	Ensco	4550 Main, Kansas City	JE1-7765
NH	L R Provencher & Associates	525 Pleasant St, Worcester, Mass	PL3-8187
NJ	Instrumentation Sales Co	20 Jerome Ave, Glen Rock, NJ	GI5-5210
NJ	Polymetric Devices Co	P. O. Box 236, Glenside, Pa	TU7-4073
NY	J B Lightstone & Associates	515 Comstock Ave, Syracuse, NY	GR5-6704
NY	Instrumentation Sales Co	20 Jerome Ave, Glen Rock, NJ	GI5-5210
Ohio	Tiby Co	2245 Warrensville Center Rd, Cleveland	GR1-5336
Pa	Tiby Co	2245 Warrensville Center Rd, Cleveland, Ohio	
Pa	Polymetric Devices Co	Box 236, Glenside, Pa	TU7-4073
RI	L R Provencher & Associates	525 Pleasant St, Worcester, Mass	PL3-8187
Utah	Applied Eng Prods	405 Felt Bldg, Salt Lake City	EM4-4942
Vt	L R Provencher & Associates	525 Pleasant St, Worcester, Mass	PL3-8187
Va	Polymetric Devices Co	Box 246, Silver Springs, Md	JU8-1600
	B & K INSTRUMENTS, INC OF BRUEL & KJAER	**3018 W 106 St. Cleveland 11, Ohio**	**CL1-8430**
	J Day *16 E 15-338-670-895-1130		
Cal	B & K Instruments, Inc	3779 Cahuenga Blvd. N Hollywood	TR7-0861
Cal	Howard & Co	938 Linden Ave. S San Francisco	JU9-3850
Colo	Barnhill Associates	1170 S. Sheridan, Denver, Colo	WE5-4945
Fla	S S Lee Associates Inc	P.O. Box 7895, Orlando, Fla	CH1-4445
Ill	Bard Assoc	328 Selbourne Rd, Riverside	HI7-7555
Md	S S Lee Associates Inc	2521 Ennals Ave, Wheaton, Md	LO5-3066
Mass	George Constantine & Associates	7 Wellington St, Waltham, Mass	TW4-9900
Mich	Electro Sales Assoc	15324 Mack Ave, Detroit	TU6-2780
Minn	Engineering Products Associates	1971 University Ave, St. Paul, Minn	MI6-3443
Mo	Lee Mark Associates Inc	P.O. Box 8467, Kansas City, Mo	WI2-3313
Mo	Lee Mark Associates Inc	2001 Big Bend Blvd, St. Louis, Mo	MI7-1470
NC	S S Lee Associates Inc	P.O. Box 906, Winston Salem, NC	PA2-3223
NJ	G Curtis Engel & Assoc	210 S Broad St. Ridgewood	GI4-1400
NM	Barnhill Assoc	P O Box 1740, Alamogordo	HE7-7797
NY	db Assoc	P O Box 744, DeWitt	GI6-0229
NY	G Curtis Engel & Assoc	New York City	RE2-0001
Ohio	Electro Sales Assoc	335 E 200 St, Cleveland 19	RE2-7444
Ohio	Electro Sales Associates	P.O. Box 148, Dabel Sta, Dayton, Ohio	CH4-1551
Pa	G Curtis Engel & Assoc	Philadelphia	WA2-3270

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Tex	Eckland Electronic Sales Co	P O Box 22151, Ft Worth	PE8-0773
Utah	Barnhill Associates	207 N. 4th St. E., Centerville, Utah	EL5-5111
Wash	Harry Levinson Co	1211 E Denny Way, Seattle	EA3-5100
	B & K MFG CO	**1801 W. Belle Plaine, Chicago 13, Ill**	**EA7-7270**
	R Karet #6 *100 E 895-1515-1910		
Ala	M K Smith	208 14th St. NW, Atlanta, Ga	TR5-8031
Alas	R Merritt Co	1320 Prospect St. Seattle, Wash	MU2-7337
Ariz	S Jarvis Co	1628 S. Bentley Ave. LA, Cal	GR7-7769
Ark	Texpert Co	2147 Farrington, Dallas 7, Tex	RI8-6458
Cal	S Jarvis	1628 S. Bentley, LA	
Cal	Sims-Johnson Inc	845 Jessie St. SF	UN1-6259
Colo	Hyde Electronics Co	888 S. Lipan St. Denver 23	WE6-3456
Conn	M Grossman	339 Auburn St. Auburndale, Mass	LA7-7753
Del	A Cerf & Co	744 Broad St. Newark, NJ	MI2-6734
DC	A Cerf & Co	744 Broad St. Newark, NJ	MI2-6734
Fla	M K Smith	208 14th St. NW, Atlanta, Ga	TR5-8031
Ga	M K Smith	208 14th St. NW, Atlanta	TR5-8031
Haw	Ae-Tronic Sales	1252 S. King St. Honolulu	504-138
Idaho	R Merritt Co	1320 Prospect St. Seattle 9, Wash	MU2-7337
Iowa	Clemenson-Larrabee Co	436 E. 79th St. KC 10, Mo	JA3-3005
Kan	Clemenson-Larrabee Co	436 E. 79th St. KC 10, Mo	JA3-3005
La	Texpert Co	2147 Farrington, Dallas, Tex	RI8-6458
Me	M Grossman	339 Auburn St. Auburndale, Mass	LA7-7753
Md	A Cerf & Co	744 Broad St. Newark 2, NJ	MI2-6734
Mass	M Grossman	339 Auburn St. Auburndale	LA7-7753
Mich	Burcaw & Cowan Co	22125 Grand River, Detroit 19	KE3-7700
Minn	C R Gibb Co	2400 Hennepin Ave. Mpls 5	FR2-1200
Miss	Texpert Co	2147 Farrington, Dallas 7, Tex	RI8-6458
Mo	Clemenson-Larrabee Co	436 E. 79th St. KC 10, Mo	JA3-3005
Mont	Hyde Electronics Co	888 S. Lipan St. Denver 23, Colo	WE6-3456
Neb	Clemenson-Larrabee Co	436 E. 79th St. KC 10, Mo	JA3-3005
Nev	Sims-Johnson Inc	845 Jessie St. SF, Cal	UN1-6259
NH	Marv Grossman	339 Auburn St. Auburndale, Mass	LA7-7753
NJ	Fields & Simon Sales	139 Valley Rd. Montclair	PI6-6717
NJ	Art Cerf & Co	744 Broad St. Newark	MI2-6734
NM	Hyde Electronics Co	888 S. Lipan St. Denver 23, Colo	WE6-3456
NY	Maury Farber Assoc	75 W. Chippewa St. Buffalo	TL6-3453
NY	Fields & Simon	139 Valley Rd. Montclair, NJ	PI6-6717
NC	M K Smith	208 14th St. NW, Atlanta 13, Ga	TR5-8031
ND	C R Gibb Co	2400 Hennepin Ave. Mpls, Minn	FR7-1200
Ohio	Mike Roth Sales Co	13547 Cedar Rd. Cleve 18	YE2-4262
Okla	Texpert Co	2147 Farrington, Dallas 7, Tex	RI8-6458
Ore	R M Merritt Co	1320 Prospect St. Seattle 9, Wash	MU2-7337
Pa	Mike Roth Sales Co	13547 Cedar Rd. Cleve, Ohio	
Pa	Art Cerf & Co	744 Broad St. Newark 2, NJ	
RI	Marv Grossman	339 Auburn St. Auburndale, Mass	LA7-7753
SC	Maitland K Smith	208 14th St. NW, Atlanta 13, Ga	TR5-8031
SD	Clark R Gibb Co	2400 Hennepin Ave. Mpls, Minn	FR7-1200
Tenn	Maitland K Smith	208 14th St. NW, Atlanta, Ga	TR5-8031
Tex	Texpert Co	2147 Farrington, Dallas 7	RI8-6458
Utah	Hyde Electronics Co	888 S. Lipan St. Denver 23, Colo	WE6-3456
Vt	Marv Grossman	339 Auburn St. Auburndale, Mass	LA7-7753
Va	Martin & Dial Inc	1306 Westover Rd, Richmond 21	
Wash	R M Merritt Co	1320 Prospect St. Seattle 9	MU2-7337
W Va	Mike Roth Sales Co	13547 Cedar Rd. Cleve, Ohio	YE2-4262
Wis	Clark R Gibb Co	2400 Hennepin, Mpls, Minn	
Wyo	Hyde Electronics	888 S. Lipan St. Denver 23, Colo	WE6-3456
For	Empire Exporters	458 Broadway, NY 13, NY	WA5-1259
Can	Atlas Radio Corp	50 Wingold Ave. Toronto 19, Ont	RU1-6174
	BABCOCK ELECTRONICS CORP	**1640 Monrovia Ave. Costa Mesa, Cal**	**LI8-7705**
	N Cima #30 *490 G 360-385-775-895		
DC	Babcock Electronics Corp	1737 "H" St. NW, Wash	EX3-5840
	BABCOCK RELAYS INC	**1640 Monrovia Ave, Costa Mesa, Cal**	**LI8-7705**
	C Martin #4 *200 E 1460		
Cal	Ed Landis Co	1736 Westwood Blvd. Los Angeles 24	BR2-9525
Colo	Spoor Lindsay Associates	4901 E. Evans, Denver 22, Colo	GR7-1247
Conn	Abbott Allison Co	P.O. Box 467, Meriden, Conn	BE7-9292
Fla	Jack Geartner Co	235 Lincoln Rd, Miami Beach, Fla	JE1-6200
Fla	Jack Geartner Co	711 Magnolia Ave, Orlando, Fla	GA4-[illegible]
Ga	Emmett Foster Co	736 Mimosa Blvd, Roswell, Ga	[illegible]
Ill	Carlton Electronic Sales	6677 N Northwest Hwy. Chicago 31	SP4-1277
Minn	Stan Clothier Co	15 W. 58th St. Minneapolis 19, Minn	TA5-1234
Mo	Kay Sales Co	2600 Grand Ave, Kansas City 8, Mo	BA1-3880
NJ	Ripers Electronic Sales	25 Broad Ave. Palisades Park	WH5-7511
NJ	Biemecke Associates	5505 Redfield Blvd, Pennsauken, NJ	NO2-8650
NY	Reed-Tellefson Corp	2815 Monroe Ave, Rochester 18, NY	HI5-8450
Ohio	G & H Sales Co	Rowntown Center Bldg, Cincinnati 37	JE1-0553
Tex	Packard Associates	Love Field Terminal Bldg, Dallas 35	FL7-5713
Wash	Avionics Liaison, Inc	Boeing Field, Seattle 8	PA3-7602
Can	Philips Electronics Ltd	116 Vanderhoof Ave. Toronto 17, Ont	HU7-5161
	BACH AURICON INC	**6924 Romaine St, Hollywood 38, Cal**	**HO2-0931**
	J Somers #8 *80 D 200-810-895-1255-1430-1760		
	BACHE & CO., SEMON	**636 Greenwich St, New York 14, NY**	**WA4-2121**
	P Schonfeld *175 E 830-900-930-975-1015-1140-1210-1890		
Ill	M S Kriegel	608 S. Dearborn St, Chicago 5, Ill	HA7-4243
NY	E J Taylor	1690 E Ave, Rochester 10, NY	HI5-3728
Pa	S A Canter	Dendkia Bldg, Philadelphia, Pa	
	BACON INDUSTRIES INC	**192 Pleasant St, Watertown 72, Mass**	**WA4-5000**
	E Fay #4 *15 B 30-265-585-900-1290-1505-1540-1545		
	BAER CO., N S	**9 Montgomery St, Hillside, NJ**	**MU8-2250**
	W Oelschleger 660-770-900-975-1890-1960		
Conn	John White	Litchfield	JO7-8451
NJ	H Corcoran	PO Box 384, Tabor	PA1-2019
NY	Industrial Services Supply Co	79 Main St. Binghamton	RA3-7406
Ohio	Richard Heezer	122 Hilltop Rd, Mansfield, Ohio	LA5-0034
Pa	C Tillson	PO Box 384, Tabor, NJ	PA1-2019
RI	J D White	Litchfield, Conn	JO7-8451
	BAILEY METER CO	**1050 Ivanhoe Rd, Cleveland, Ohio**	**GL1-4600**
	E Bossert G 338-360-420-895-1245-1795		
Alaska	Bailey Meter Co	200 Broadway, Seattle, Wash	MA4-7094

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ariz	Bailey Meter Co	816 S. Atlantic Blvd, Monterey Park, Cal	CU3-1187
Ark	Bailey Meter Co	3355 Poplar Ave, Memphis, Tenn	FA4-9552
Cal	Bailey Meter Co	816 S. Atlantic Blvd, Monterey Park, Cal	CU3-1187
Cal	Bailey Meter Co	417 Market St, San Francisco, Cal	SU1-0526
Colo	Bailey Meter Co	1506 Kearney St, Denver, Colo	EA2-7745
Conn	Bailey Meter Co	P.O. Box 4074, Hamden, Conn	CH8-5201
Del	Bailey Meter Co	29 Bala Ave, Bala-Cynwyd, Pa	MO4-3282
DC	Bailey Meter Co	2026 Maryland Ave, Baltimore, Md	TU9-4511
Fla	Bailey Meter Co	1143 Mary St, Jacksonville, Fla	EX8-4881
Ga	Bailey Meter Co	1145 Peachtree St NE, Atlanta, Ga	TR6-5531
Hawaii	Bailey Meter Co	816 S. Atlantic Blvd, Monterey Park, Cal	CU3-1187
Idaho	Bailey Meter Co	200 Broadway, Seattle, Wash	MA4-7094
Ill	Bailey Meter Co	53 W. Jackson Blvd, Chicago, Ill	HA7-7324
Ind	Bailey Meter Co	4537 N. Emerson Ave, Indianapolis, Ind	LI5-0811
Kan	Bailey Meter Co	7335 Broadway, Kansas City, Mo	HI4-4800
Ky	Bailey Meter Co	2330 Victory Pkwy, Cincinnati, Ohio	AV1-0301
La	Bailey Meter Co	6270 General Diaz St, New Orleans, La	HU8-7809
Me	Bailey Meter Co	83 Western Ave, Augusta, Me	MA2-5177
Md	Bailey Meter Co	2026 Maryland Ave, Baltimore, Md	TU9-4511
Mass	Bailey Meter Co	395 Concord Ave, Belmont, Mass	IV9-0150
Mich	Bailey Meter Co	18828 W. McNichols Rd, Detroit, Mich	KE7-9150
Minn	Bailey Meter Co	2395 University Ave, St Paul	MI5-7752
Miss	Bailey Meter Co	3355 Poplar Ave, Memphis, Tenn	FA4-9552
Mo	Bailey Meter Co	8924 Manchester Ave, St. Louis, Mo	WO2-5592
Mont	Bailey Meter Co	200 Broadway, Seattle, Wash	MA4-7094
Neb	Bailey Meter Co	7718 Blondo Dr, Omaha, Neb	391-6066
NJ	Bailey Meter Co	100 Halsted St, East Orange, NJ	OR4-6830
NM	Bailey Meter Co	1506 Kearney St, Denver, Colo	EA2-7745
NY	Bailey Meter Co	307 Ellicott Sq Bldg, Buffalo, NY	TL3-2088
NY	Bailey Meter Co	150 E 42nd St, New York, NY	YU6-8771
NY	Bailey Meter Co	207 State St, Schenectady, NY	FR4-7991
NY	Bailey Meter Co	3001 James St, Syracuse, NY	HO3-5580
NC	Bailey Meter Co	205 S. Church St, Charlotte, NC	ED4-9161
Ohio	Bailey Meter Co	14800 Woodworth Rd, Cleveland	UL1-4600
Ohio	Bailey Meter Co	2330 Victory Pkwy, Cincinnati, Ohio	AV1-0301
Okla	Bailey Meter Co	5101A S Peoria St, Tulsa, Okla	
Ore	Bailey Meter Co	207 SE Clay St, Portland, Ore	BE2-3440
Pa	Bailey Meter Co	875 Greentree Rd, Pittsburgh, Pa	WA1-6356
Pa	Bailey Meter Co	29 Bala Ave, Bala-Cynwyd, Pa	MO4-3282
Tenn	Bailey Meter Co	3355 Poplar Ave, Memphis, Tenn	FA4-9552
Tex	Bailey Meter Co	5615 Snider Plaza, Dallas, Tex	EM8-0013
Tex	Bailey Meter Co	2400 Times Blvd, Houston, Tex	JA6-1620
Utah	Bailey Meter Co	2170 Parley's Circle, Salt Lake City, Utah	IN7-4044
Vt	Bailey Meter Co	207 State St, Schenectady, NY	FR4-7991
Va	Bailey Meter Co	10 E Belt Blvd, Richmond, Va	233-5915
Wash	Bailey Meter Co	200 Broadway, Seattle, Wash	MA4-7094
W. Va	Bailey Meter Co	836 Carroll Rd, Charleston, W. Va	DI2-6897
Wisc	Bailey Meter Co	9137 W. Lisbon Ave, Milwaukee, Wisc	HO1-1310
Wyo	Bailey Meter Co	1506 Kearney St, Denver, Colo	EA2-7745
	BAIRD-ATOMIC INC	**33 University Rd, Cambridge, Mass**	**UN4-7420**
	E Cronin #331 *710 G 325-338-340-360-410-885-895-1390-1400-1460-1520-1575-1670-1890-1990		
Ariz	Williams & Associates Inc	3221 Silver, S.E., Albuquerque, NM	AL5-5632
Cal	Tech-Ser Inc	3540 Wilshire Blvd. LA	DU5-1765
Colo	Williams & Associates Inc	2261 S. Albion St, Denver, Colo	SK6-9403
Conn	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	CR6-5100
DC	Eng Assoc	2125 Maryland Ave. Baltimore, Md	HO7-1966
Idaho	Williams Associates Inc	2261 S. Albion St, Denver 22, Colo	SK6-9403
Ill	Ridgeway Associates Inc	6100 W. North Ave, Chicago 39, Ill	TU9-5715
Ind	Ridgeway Associates Inc	1224 W. Capitol, Indianapolis, Ind	ME5-2401
Iowa	Ridgeway Associates Inc	6100 W. North Ave, Chicago, Ill	TU9-5715
Kan	Associated Industries Inc	455 S. Washington, Wichita, Kan	HO4-0391
Ky	Ridgeway Associates Inc	1224 W. Capitol, Indianapolis, Ind	ME5-2401
Md	Eng Assoc	2125 Maryland Ave, Baltimore	HO7-1966
Me	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	CR6-5100
Mass	Dynamic Devices Inc	11 Albion St. Wakefield	CR6-5100
Mich	Gaine Engineering Co	1474 E. Outer Dr, Detroit, Mich	FO6-5353
Mo	Associated Industries	455 S. Washington, Wichita, Kan	HO4-0391
Neb	Williams Associates Inc	2261 S. Albion St, Denver 22, Colo	SK6-9403
Nev	Tech-Ser Inc	3540 Wilshire Blvd. LA, Cal	DU5-1765
NH	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	
NJ	L & M Associates	Box 641, Fairlawn, NJ	DI3-3070
NM	Williams Associates Inc	3221 Silver Ave, S.E., Albuquerque, NM	AL5-5632
NY	L & M Associates	Box 641, Fairlawn, NJ	DI3-3070
NY	NACO Electronics Corp	119 Luther Ave, Liverpool	GR4-7401
Ohio	Themco Electronic Co	Box 181, N D Sta, Dayton 24, Ohio	BE3-7851
Okla	Tex-O-Koma Sales Co	235 S.E. 14th St, Grand Prairie, Tex	AN2-0686
Pa	L & M Associates	488 W Chapel St, Philadelphia, Pa	GE8-5666
Tex	Howell Sales Inc	235 SE 14th St. Grand Prairie	AN2-5153
Tex	Tex-O-Koma Sales Co	235 S.E. 14th St, Grand Prairie, Tex	AN2-0686
Utah	Williams & Assoc	320 E. 4th S. Salt Lake City	EM4-6844
Wash	Stanley Enterprises	127 River St. Seattle 8	PA3-3320
Wisc	Ridgeway Associates	6100 W. North Ave, Chicago 39, Ill	TU9-5715
Wyo	Williams & Associates	2261 S. Albion St, Denver 22, Colo	SK6-9403
•	**BAKER CHEMICAL CO., J T**	**N. Broad St, Phillipsburg, NJ**	**GL4-2151**
	E Moose *750 G 265		
Cal	W Glenn Wundelly	232 N Lake Ave. Pasadena	MU1-9613
Ga	Ron B Goodman	1553 Scout Ct. Decatur	
Ill	Bruno G Herardin	435 N. Michigan Ave, Chicago, Ill	SU7-9450
Ill	Donald F Coale	1033 Ontario St, Oak Park, Ill	VI8-5616
Ill	Dale Crittner	6249 N. Cicero, Chicago, Ill	
Md	Newell S Rand	6704 43th Ave, University Park, Md	AP7-2520
Mass	W C Harris	9 Fletcher St, Winchester, Mass	PA9-5728
Mich	Charles E Clower	1305 Norman Pl, Ann Arbor, Mich	NO3-5175
NJ	Harold W Feuchter	1115 Emerson Ave. W Englewood	TE6-4931
NJ	Harry C Locke	Onondaga Trail, Medford Lakes, NJ	OL4-2803
NY	Stewart Cowell	122 E. 42nd St, New York, NY	OX7-1800
NY	William E Headley	142 Woodfield Rd, Buffalo, NY	PA7348
NY	S Fisher Gaffin	274 Mayflower, New Rochelle, NY	2-9713
Ohio	Harvey P Pettit	1212 Croydon Rd, Cleveland 24, Ohio	HI9-1676
Pa	Gerald H McGraw	RD 1, Mars	
Pa	Gerard P Nelson	4507 Cedar Ln, Drexel Hill, Pa	HI9-[illegible]
Tex	Joel H Smith	805 Country Ln, Houston 24, Tex	HO5-6229

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	BAKER CO. INC	**106 Granite St. Biddeford, Me**	**AT4-5951**
	J Eagleson Jr *33 D 180-590-735-855-1215		
Ala	The F Whiteside Corp	10 Main St. Scottsville, Va	SC2761
Ariz	Baker Instruments Inc	Box 597, Chandler	YO3-4551
Cal	R Pressnell	Box 798, Whittier	OX5-0658
Cal	Allied Aluminum Prod	5703 Shafter Ave. Oakland 18	OL8-6133
Conn	The Darbury Corp	437 Cherry St. W. Newton, Mass	BI4-2053
Del	The F Whiteside Corp	10 Main St. Scottsville, Va	SC2761
Fla	Watkins Mechanicals	Box 10192, Jacksonville 7	RA5-4960
Ga	F Whiteside Corp	10 Main St. Scottsville, Va	SC2761
Ill	Sherertz-Henderson Co	5707 W. Lake St. Chicago 44	CO1-1032
Ind	Sherertz-Henderson Co	5707 W. Lake St. Chicago 44, Ill	CO1-1032
Iowa	Sherertz-Henderson Co	5707 W. Lake St. Chicago 44, Ill	CO1-1032
Ky	F Whiteside Corp	10 Main St. Scottsville, Va	SC2761
Md	F Whiteside Corp	10 Main St. Scottsville, Va	SC2761
Mass	The Darbury Corp	437 Cherry St. W. Newton	BI4-2053
Minn	A Bussell	4950 Knox Ave. S. Mpls	WA2-9182
NJ	Z B Curtis, Jr	58 Prospect Hill Ave. Summit	CR72917
NY	Z B Curtis, Jr	58 Prospect Hill Ave. Summit, NJ	CR72917
NY	F Myers	52 Gorsline St. Rochester, NY	GL3-2682-W
NC	F Whiteside Corp	10 Main St. Scottsville, Va	SC2761
Ohio	Bearings Inc	3634 Euclid Ave. Cleve 15	UT1-[illegible]
Ore	Allied Aluminum Prod	5703 Shafter Ave. Oakland 18, Cal	OL8-6133
Pa	Z B Curtis, Jr	58 Prospect Hill Ave. Summit, NJ	CR72917
SC	The F Whiteside Corp	10 Main St. Scottsville, Va	SC2761
Tenn	The F Whiteside Corp	10 Main St. Scottsville, Va	SC2761
Tex	G Weinreich & Assoc	11554 E. Northwest Hwy. Dallas 18	DA1-2800
Va	The F Whiteside Corp	10 Main St. Scottsville	SC2761
Wash	Allied Aluminum Prod	5703 Shafter Ave. Oakland 18, Cal	OL8-6133
W Va	The F Whiteside Corp	10 Main St. Scottsville, Va	SC2761
Wis	Sherertz-Henderson Co	5707 W. Lake St. Chicago 44, Ill	CO1-1032
Can	Lyman Tube & Bearings Ltd	5420 Pare St. Montreal, Que	UN6-2871
	BAL CORP. WILLIAM	**947 Newark Ave. Elizabeth, NJ**	**EL4-9625**
	N Wilson #3 *70 D 135-230		
	BALCO RESEARCH LABS	**49-53 Edison Pl, Newark 2, NJ**	**MI3-5200**
	220		
Ariz	Pacific Electro Sales Inc	6053 1/2 Whittier Blvd, Los Angeles, Cal	
Cal	Electromeasures Inc	201 Town & Country Village, Palo Alto, Cal	
Cal	Pacific Electro Sales Inc	6053 1/2 Whittier Blvd, Los Angeles, Cal	
Conn	Abbott-Allison Co	P.O. Box 467, Meriden, Conn	
Del	William R Scholes	P O Box 104, Cheltenham, Pa	
DC	William R Scholes	P.O. Box 104, Cheltenham, Pa	
Fla	Lynch-Gentry Associates Inc	35 W. North Shore Ave, Ft Meyers, Fla	
Kan	Thomson Engineering	25020 Oak Lawn, Dallas 19, Tex	
Me	Abbott-Allison Co	P.O. Box 467, Meriden, Conn	
Md	William R Scholes	P.O. Box 104, Cheltenham, Pa	
Mass	Abbott-Allison Co	P.O. Box 467, Meriden, Conn	
Mo	Thomson Engineering	25020 Oak Lawn, Dallas 19, Tex	
Nev	Electromeasures Inc	201 Town & Country Village, Palo Alto, Cal	
NH	Abbott-Allison Co	P O Box 467, Meriden, Conn	
NJ	William R Scholes	P O Box 104, Cheltenham, Pa	
NM	Abbott-Allison Co	P O Box 467, Meriden, Conn	
NY	Oren G Lanzendorf	513 Cumberland Ave, Syracuse, NY	
Okla	Thomson Engineering	25020 Oak Lawn, Dallas 19, Tex	
Pa	William R Scholes	P.O. Box 104, Cheltenham, Pa	
RI	Abbott-Allison Co	P.O. Box 467, Meriden, Conn	
Tex	Thomson Engineering	25020 Oak Lawn, Dallas 19, Tex	
Tex	Lemmert Co	P O Box 2184, Houston, Tex	
Vt	Abbott-Allison Co	P O Box 467, Meriden, Conn	
Canada	Electrodesign	P O 738 Notre Dame St, W., Montreal, Canada	
	BALDWIN-LIMA-HAMILTON CORP	**42 Fourth Ave, Waltham 54, Mass**	**TW4-6700**
	H Lowell #20 *500 F 895-1135-1200-1795-1850		
Ala	Bivins & Caldwell Inc	Huntsville, Ala	JE2-5733
Ariz	Neely Enterprises	641 E. Missouri Ave, Phoenix, Ariz	CR4-5431
Cal	Neely Enterprises	3939 Lankershim Blvd, N. Hollywood, Cal	TR7-0721
Cal	Baldwin-Lima-Hamilton Corp	2929 19th St, San Francisco 10, Cal	MI7-6701
Cal	Baldwin-Lima-Hamilton Corp	1052 W. 6th St, Los Angeles, Cal	MA5-5631
Cal	Neely Enterprises	501 Laurel St, San Carlos, Cal	LY1-2626
Colo	Williams & Assoc	2261 S. Albion St, Denver, Colo	SK6-9403
Conn	Yewell Assoc Inc	1101 E. Main St, Bridgeport, Conn	FO6-3456
DC	Baldwin-Lima-Hamilton Corp	1000 Connecticut Ave, Washington, DC	EX3-3053
Fla	Stiles Assoc Inc	1226 E. Colonial Dr, Orlando, Fla	GA5-5541
Ga	Bivins & Caldwell, Inc	3110 Maple Dr. NE, Atlanta	CE3-7522
Ill	Baldwin-Lima-Hamilton Corp	80 E. Jackson Blvd, Chicago, Ill	HA7-3750
Ill	Crossley Assoc Inc	2501 W. Peterson Ave, Chicago, Ill	BR5-1600
Ind	Crossley Assoc Inc	5420 N. College Ave, Indianapolis,	CL1-9255
Md	Horman Associates Inc	3006 W. Cold Spring Ln, Baltimore, Md	MO4-8345
Mass	Yewell Assoc Inc	Middlesex Tnpk, Burlington, Mass	BR2-9000
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit, Mich	BR3-2900
Minn	Crossley Assoc Inc	842 Raymond Ave, St. Paul, Minn	MI5-7881
Mo	Baldwin-Lima-Hamilton Corp	1221 Locust St, St. Louis, Mo	CH1-6315
NJ	G Curtis Engel & Associates	210 S. Broad St, Ridgewood, NJ	GI4-1420
NM	Neely Enterprises	107 Washington St, S.E., Albuquerque	AL5-5586
NY	Baldwin-Lima-Hamilton Corp	111 Fifth Ave, New York 3, NY	OR7-5830
NY	G C Engel & Assoc	New York	RE2-0001
NY	Edward A Ossmann & Assoc	830 Linden Ave, Rochester, NY	LU6-4940
NC	Bivins & Caldwell, Inc	1923 N Main St, High Point	882-6873
Ohio	Baldwin-Lima-Hamilton Corp	Cleveland, Ohio	EN5-[illegible]
Ohio	S Sterling Co	375 W. First Bldg, Dayton, Ohio	BA8-0794
Ore	Arva Inc	1238 N.W. Glisan, Portland, Ore	CA2-7337
Pa	S Sterling Co	4232 Brownsville Rd, Pittsburgh	TU4-5515
Pa	I E Robinson Co	P.O. Box 187, Camp Hill	RE7-6751
Pa	Baldwin-Lima-Hamilton Corp	1094 Union Trust Bldg, Pittsburgh, Pa	AT1-4035
Pa	Baldwin-Lima-Hamilton Corp	Philadelphia 42, Pa	SA9-3161
Tex	Baldwin-Lima-Hamilton Corp	2256 Irving Blvd, Dallas, Tex	RI7-8441
Tex	Earl Lipscomb Assoc	3605 Inwood Rd, Dallas, Tex	FL7-1881
Va	Bivins & Caldwell Inc	Box 6514, Richmond, Va	EL5-7931
Wash	Arva Inc	1320 Prospect St, Seattle, Wash	MA2-0177
Foreign	Baldwin-Lima-Hamilton Corp	Eddystone Div, Eddystone, Pa	SA9-9161
•	**BALLANTINE LABORATORIES INC**	**Boonton, NJ**	**DE4-1432**
	F Zayac #7 *82 195-365-895-915-1175-1475		
Ala	Gentry Assoc, Inc	1051 Oak Lane, Orlando, Fla	GA4-5730
Ariz	The Kay Co	708 E. 5th St, Tucson, Ariz.	MA4-4883
Ariz	Kay Co, The	4842 W Highland Dr, Phoenix	YE7-5493

Cal	Carl A Stone Associates	5971 National Blvd, Los Angeles 34, Cal	UP0-7771
Cal	C Stone Assoc.	625 N San Antonio Rd, Palo Alto	DA1-2724
Colo	Vinson Assoc	Tucker Bldg, 3500 S Lincoln, Englewood	SU9-2203
Conn	The Howard J Schuft Co	815 Washington St, Newtonville, Mass	LA7-5304
Del	Gawler-Knoop Co	835 Glenside Ave, Wyncote, Pa	WA7-1820
DC	Gawler-Knoop Co	8732 Flower Ave, Silver Spring, Md	JU5-7550
Fla	Gentry Assoc, Inc	1851 Oak Lane, Orlando	GA4-0730
Ga	Gentry Assoc, Inc	1851 Oak Ln, Orlando, Fla	GA4-0730
Idaho	Eicher & Co	5 W. Harrison St, Seattle 99, Wash	AT4-1811
Ill	Eng Services Co	6717 Vernon Ave, St Louis 30, Mo	PA6-2233
Ill	Lang, Classon & Assoc	6733 N Olmsted Ave, Chicago 31	SP4-3610
Ind	Lang, Classon & Assoc	6733 N Olmsted Ave, Chicago 31, Ill	SP4-3610
Iowa	Lang, Classon & Assoc	6733 N Olmsted Ave, Chicago 31, Ill	SP4-3610
Kan	Eng Services Co	4550 Main St, Kansas City 11, Mo	JE1-7765
Kan	Eng Services Co	247 S Pinecrest, Wichita	MU3-3751
Ky	The Ohio Instrument Co	7316 Winston Churchill Dr, Dayton, Ohio	CH4-2744
La	Mitchell Speairs Co	4944 James Ave, Fort Worth 15, Tex	WA3-4657
Me	The Howard J Schuft Co	815 Washington St, Newtonville, Mass	LA7-5304
Md	Gawler-Knoop Co	8732 Flower Ave, Silver Spring, Md	JU5-7550
Mass	The Howard J Schuft Co	815 Washington St, Newtonville, Mass	LA7-5304
Mich	Gaines Engineering Co	1474 E. Outer Dr, Detroit 34, Mich	FO6-5353
Miss	Gentry Assoc, Inc	1851 Oak Ln, Orlando, Fla	GA4-0730
Mo	Eng Services Co	6717 Vernon Ave, St Louis 30	PA6-2233
Mo	Eng Services Co	4550 Main St, Kansas City 11	JE1-7765
Neb	Eng Services Co	1305 Oakland Gardens, Cedar Rapids, Ia	EM5-6183
NH	The Howard J Schuft Co	815 Washington St, Newtonville, Mass	LA7-5304
NJ	Gawler-Knoop Co	178 Eagle Rock Ave, Roseland, NJ	CA6-4545
NJ	Gawler-Knoop Co	835 Glenside Ave, Wyncote, Pa	WA7-1820
NY	SBM Assoc, Inc	232 Roosevelt Dr, Utica	RE2-4410
NY	SBM Assoc, Inc	Nowlan Rd, R D 3, Binghamton	RA2-2648
NY	SBM Assoc, Inc	1943 W Fayette St, Syracuse 4	HO8-5041
NY	SBM Assoc, Inc	177 Winton Rd N, Rochester 10	OL4-8440
NY	Gawler-Knoop Co	178 Eagle Rock Ave, Roseland, NJ	DI4-2997
NC	M J McDonald Co	Whippoorwill Dr, Rt 1, Pfafftown	WA4-2182
Ohio	The Ohio Instrument Co	7316 Winston Churchill Dr, Dayton 32	CH4-2744
Okla	Mitchell Speairs Co	4944 James Ave, Fort Worth 15, Tex	WA3-4657
Ore	Eicher & Co	5 W. Harrison St, Seattle 99, Wash	AT4-1811
Pa	Gawler-Knoop Co	835 Glenside Ave, Wyncote, Pa	WA7-1820
Pa	The Ohio Instrument Co	7316 Winston Churchill Dr, Dayton, Ohio	CH4-2744
RI	The Howard J Schuft Co	815 Washington St, Newtonville, Mass	LA7-5304
SC	M J McDonald Co	Whippoorwill Dr, Rt 1, Pfafftown, N C	WA4-2182
Tenn	M J McDonald Co	Whippoorwill Dr, Rt 1, Pfafftown, N C	WA4-2182
Tex	Mitchell Speairs Co	4344 James Ave, Fort Worth 15	WA3-4657
Vt	The Howard J Schuft Co	815 Washington St, Newtonville, Mass	LA7-5304
Va	Gawler-Knoop Co	8732 Flower Ave, Silver Spring, Md	JU5-7550
Wash	Eicher & Co	5 W. Harrison St, Seattle 99, Wash	AT4-1811
W. Va	The Ohio Instrument Co	7316 Winston Churchill Dr, Dayton, Ohio	CH4-2744
Wisc	Lang, Classon & Assoc	6733 N Olmsted Ave, Chicago 31, Ill	SP4-3610
Can	Bayly Eng Ltd	Hunt St, Ajax, Ont	AJ 118
Canada	Bayly Engineering Ltd	48 Sparks St, Ottawa, Ontario, Canada	CE2-9821
For	Sterne Intl Corp	425 4th Ave, N Y 16	OR9-7374
Foreign	Sylvan Ginsbury Ltd	2 Rue Bartholoni, Geneva, Switzerland	255085
Foreign	Warburton Franki Ltd	355 Lonsdale St, Melbourne, Australia	

BALLASTRAN DIV TELEX INC .... **1701 N. Calhoun St, Fort Wayne 7, Ind** .. **E9602**
D Kiltie #7 *135 E 1855

Ill	Engineered Sales Co	4738 N. Harlem Ave. Chicago	UN7-8434
Iowa	Russ D Sebright & Co	7120 W. Florissant Ave. St. Louis 20, Mo	CO1-0055
Kan	H A Roes Co	2601 Cherry St. KC, Mo	BA1-0866
Ky	Frank Borchelt	1926 Green Pine Dr. Cinc, Ohio	WE1-3745
Mass	John E Boeing Co	P.O. Box 235, Lexington 73, Mass	VO2-2500
Mich	Butchart & Rathsburg Assoc	8735 E. Jefferson Ave. Detroit	VA1-6621
Mo	H A Roes Co	2601 Cherry St. KC 8	
Mo	Russ D Sebright & Co	7120 W. Florissant Ave. St. Louis 20	CO1-0055
NJ	Martin Friedman & Assoc	7 Heather Rd. Bala-Cynwyd, Pa	TR7-3450
NY	Cooper Simon & Co. Inc	400 E. 79th St. NY 21	LE5-2900
NY	Martin P Andrews	319 Mott Rd. Fayetteville	NE7-6405
Ohio	Frank Borchelt	1926 Green Pine Dr, Cincinnati, Ohio	WE1-3745
Pa	Martin Friedman & Assoc	7 Heather Rd. Bala-Cynwyd	TR7-3450

BALTIC METAL PRODUCTS CO ... **126 Sutton St, Brooklyn 22, NY** **EV4-2300**
S Schlanger #4 *100 D 135-180-230-350-355-765-1245-1390

BARANOFF & ASSOC., A J .... **1214 Park La. Santa Ana, Cal** **KI3-6229**
E Lang #3 *11 C 338-895

BARBER COLMAN CO .... **1300 Rock St, Rockford, Ill** **WO8-6833**
20-105-360-895-1165-1460

BARCO CHEMICAL PRODUCTS CO **701-703 S. LaSalle, Chicago 5, Ill** **HA7-2916**
R Berewin #2 *12 B 265-900-1735

BARCO INC .... **P.O. Box 1222, Milwaukee 1, Wisc** **BR6-8515**
C Mech #3 *10 B 220

Cal	A & P Electronic Sales	420 Market St, San Francisco 11, Cal	EX2-8847
Cal	Marshank Sales Co	7422 Melrose Ave, Los Angeles 46, Cal	WE8-2591
Colo	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Conn	Alexander Hubert	130 Westbourne Terr, Brookline 46, Mass	AS7-2467
Del	George Hautenschild	949 E. Godfrey Ave, Philadelphia 24, Pa	PI4-0847
DC	George Hautenschild	949 E. Godfrey Ave, Philadelphia 24, Pa	PI4-0847
Fla	Mark Electronic Sales Co	410 N.E. 147th Terr, North Miami 61, Fla	WI7-5080
Ga	Hilker Co	Box 5211, Winston-Salem, NC	PA5-8588
Ill	Gene - F Sales Co	5306 W. Lawrence Ave, Chicago 30, Ill	KI5-5562
Me	Alexander Hubert	130 Westbourne Terr, Brookline 46, Mass	AS7-2467
Md	George Hautenschild	949 E. Godfrey Ave, Philadelphia 24, Pa	PI4-0847
Mass	Alexander Hubert	130 Westbourne Terr, Brookline 46, Mass	AS7-2467
Minn	James S Baskfield	614 E Grant St, Minneapolis 4, Minn	FE6-6650
NH	Alexander Hubert	130 Westbourne Terr, Brookline 46, Mass	AS7-2467
NJ	D R Bittan Co	104 S. Central Ave, Valley Stream, NY	LO1-2444
NM	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
NY	D R Bittan Co	104 S. Central Ave, Valley Stream, NY	LO1-2444
NC	Hilker Co	Box 5211, Winston-Salem, NC	PA5-8588
Ohio	Sid Levin Associates	6252 Mayfield Rd, Cleveland 24, Ohio	HI2-8340
Pa	George Hautenschild	949 E. Godfrey Ave, Philadelphia 24, Pa	PI4-0847
Pa	Sid Levin Associates	6252 Mayfield Rd, Cleveland 24, Ohio	HI2-8340
RI	Alexander Hubert	130 Westbourne Terr, Brookline 46, Mass	AS7-2467
SC	Hilker Co	Box 5211, Winston-Salem, NC	PA5-8588
Tenn	Hilker Co	Box 5211, Winston-Salem, NC	PA5-8588
Tex	Briles Mfg & Supply	2314 Irving Blvd, Dallas 7, Tex	RI8-5200
Utah	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Vt	Alexander Hubert	130 Westbourne Terr, Brookline 46, Mass	AS7-2467
Va	Hilker Co	Box 5211, Winston-Salem, NC	PA5-8588
W. Va	Sid Levin Associates	6252 Mayfield Rd, Cleveland 24, Ohio	HI 2-8340
Wyo	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401

BARDEN CORP., THE .... **200 Park Ave, Danbury, Conn** **PI3-9201**
A Jerrese *1350 G 75

Cal	Barden Corp	3050 Wilshire Blvd, Los Angeles 5, Cal	DU5-0034
Colo	Tompkins Co., The	4970 Jackson St. Denver 16	DU8-3658
Mo	Tompkins Co., The	2317 Charlotte St. Kansas City 8	VI2-8366
NJ	J F Smith	15 Northfield Ave. West Orange	RE1-8020
Tex	Tompkins Co., The	2743 Irving Blvd. Dallas	FL1-3243
Wis	G J Hopkins	Box 753, Williams Bay	CI5-5108
For	ENO Instrumentation Ltd	Western Rd. Bracknell, Berks, Eng	BR675-6-7
For	CPI Aeronautique	57 Ave. d'Iena, Paris 16, France	KL76-17
Can	Philip French Sales Ltd	8425 Mountain Sights Ave. Montreal 16, PQ	RE9-1362

BARFIELD & CO. INC .... **3624 S Kedzie Ave. Chicago 32, Ill** **BI7-5227**
A Rosenfeld #2 *20 D 255

Ala	Maxim Hershey	1326 S.W. 6th St, Miami, Fla	FR3-2575
Ariz	J & H Sales Co of Cal	8271 Melrose Ave, L A 46, Cal	OL3-0170
Ark	Hirsig-Frazier Co. Inc	4333 Belmont Ave. Dallas 4, Tex	TA4-0117
Cal	J & H Sales Co of Cal	8271 Melrose Ave, L A 46, Cal	OL3-0170
Colo	M & M Sales Co	1159 Welton, Denver 4, Colo	FR7-6144
Conn	Kone-Resnick Associates	234 Pearl St, Hartford 3, Conn	JA2-6459
Del	Henry B Swaab Co	2016 Walnut St. Philadelphia 3, Pa	LO4-2338
Del	Ray Jesselson	123 W. 57th St, New York 19, NY	PL7-0474
DC	Henry B Swaab Co	2016 Walnut St. Philadelphia 3, Pa	LO4-2338
DC	Ray Jesselson	123 W. 57th St, New York 19, NY	PL7-0474
Fla	Maxim Hershey	1326 S.W. 6th St, Miami 35, Fla	FR3-2575
Ga	Maxim Hershey	1326 S.W. 6th St, Miami 35, Fla	FR3-2575
Idaho	M & M Sales Co	1159 Welton, Denver 4, Colo	FR7-6144
Ill	J & H Sales Co	75 E Wacker Dr. Chicago 1	AN3-1461
Ind	J & H Sales Co	75 E Wacker Dr. Chicago 1, Ill	AN3-1461
Kan	J & H Sales Co	75 E Wacker Dr. Chicago 1, Ill	AN3-1461
Ky	J & H Sales Co	75 E Wacker Dr. Chicago 1, Ill	AN3-1461
La	Hirsig-Frazier Co. Inc	4333 Belmont Ave. Dallas 4, Tex	TA4-0117
Me	Kone-Resnick Associates	234 Pearl St, Hartford 3, Conn	JA2-6459
Md	Henry B Swaab Co	2016 Walnut St. Philadelphia 3, Pa	LO4-2338
Md	Ray Jesselson	123 W. 57th St, New York 19, NY	PL7-0474
Mass	Kone-Resnick Associates	234 Pearl St, Hartford 3, Conn	JA2-6459
Mich	Irving Flanders	21651 Westhampton, Oak Park 37	LI5-4633
Miss	Maxim Hershey	1326 S.W. 6th St, Miami 35, Fla	FR3-2575
Mo	J & H Sales Co	75 E Wacker Dr. Chicago 1, Ill	AN3-1461
Mont	M & M Sales Co	1159 Welton, Denver 4, Colo	FR7-6144
Nev	J & H Sales Co of Cal	8271 Melrose Ave. Los Angeles 46, Cal	OL3-0170
NH	Kone-Resnick Associates	234 Pearl St, Hartford 3, Conn	JA2-6459
NJ	Dan Berman	64-11 110th St. Forest Hills 75, NY	IL9-1483
NJ	Henry B Swaab Co	2016 Walnut St. Philadelphia 3, Pa	LO4-2338
NJ	Ray Jesselson	123 W. 57th St, New York 19, NY	PL7-0474
NM	M & M Sales Co	1159 Welton, Denver 4, Colo	FR7-6144
NY	Dan Berman	64-11 110th St. Forest Hills 75	IL9-1483
NY	Ray Jesselson	123 W. 57th St, New York 19, NY	PL7-0474
NC	Maxim Hershey	1326 S.W. 6th St, Miami 35, Fla	FR3-2575
Ohio	Phil Meyers	2132 Monroe St, Toledo 2, Ohio	CH2-7171
Okla	Hirsig-Frazier Co. Inc	4333 Belmont Ave. Dallas 4, Tex	TA4-0117
Ore	J & H Sales Co of Cal	8271 Melrose Ave, L A 46, Cal	OL3-0170
Pa	Ray Jesselson	123 W. 57th St, New York 19, NY	PL7-0474
Pa	Henry B Swaab Co	2016 Walnut St. Philadelphia 3, Pa	LO4-2338
RI	Kone-Resnick Associates	234 Pearl St, Hartford 3, Conn	JA2-6459
SC	Maxim Hershey	1326 S.W. 6th St, Miami 35, Fla	FR3-2575
Tenn	Maxim Hershey	1326 S.W. 6th St, Miami 35, Fla	FR3-2575
Tex	Hirsig-Frazier Co. Inc	4333 Belmont Ave. Dallas 4	TA4-0117
Tex	M & M Sales Co	1159 Welton, Denver 4, Colo	FR7-6144
Utah	M & M Sales Co	1159 Welton, Denver 4, Colo	FR7-6144
Vt	Kone-Resnick Associates	234 Pearl St, Hartford 3, Conn	JA2-6459
Va	Maxim Hershey	1326 S.W. 6th St, Miami 35, Fla	FR3-2575
Wash	J & H Sales Co of Cal	8271 Melrose Ave, L A 46, Cal	OL3-0170
Wis	J & H Sales Co	75 E Wacker Dr. Chicago 1, Ill	AN3-1461
Wyo	M & M Sales Co	1159 Welton, Denver 4, Colo	FR7-6144
Can	Giant Sales Co. Ltd	5001 Cote de Liesse, Montreal 9, Que	DU9-5901
For	F R Schwanke Co. Inc	100 S Jefferson St. Chicago 6, Ill	ST2-4709

BARIUM & CHEMICALS INC .... **Willoughby, Ohio** **WH2-5151**
A Pavlik, Jr #12 *75 E 240-265-445-1125

Ohio	Barium & Chemicals Inc	Steubenville	AT2-9776

BARKER PRODUCTS CO .... **3 Component Park, W Bridgewater, Mass** **JU8-0163**
W Brackett #5 *140 25-45-320-345-375-795-895-925-1290-1315

Alaska	William R Lanphear Co	3215 Western Ave, Seattle, Wash	AT4-8150
Ala	M K Smith Inc	2805½ Cahaba Rd. Birmingham 13	TR9-7197
Ark	Charles Lucas Sales Co	P. O. Box 8506, Dallas, Tex	WH2-5958
Cal	Koessler Sales Co	818 N. Fairfax, Los Angeles, Cal	OL3-1605
Cal	Koessler Sales Co	676 Fulton St, San Francisco, Cal	GO7-0622
Cal	Henry Feldman Co	1244 S. Grand Ave, Los Angeles, Cal	RI9-8803
Colo	Vines & Co	P. O. Box 1025, Denver, Colo	TA5-4471
Conn	M C Grossman Sales Co	339 Auburn St. Auburndale, Mass	LA7-7753
Del	Stinson-Platt Assoc	227 Haverford Ave. Narberth, Pa	MO4-5511
DC	Stinson-Platt Assoc	227 Haverford Ave. Narberth, Pa	MO4-5511
Fla	Maitland K Smith Co	222 Riverside Dr, Ormond Beach, Fla	OR7-2298
Ga	Maitland K Smith Co	208 14th St, Atlanta 9, Ga	TR5-8031
Idaho	William R Lanphear Co	3215 Western Ave, Seattle, Wash	AT4-8150
Ill	Loren F Green & Associates	5218 W. Diversity Ave, Chicago 39, Ill	PA5-6824
Ind	Loren F Green & Associates	5218 W. Diversity, Chicago 39, Ill	PA5-6824
Ky	Loren F Green & Associates	5218 W. Diversity, Chicago 39, Ill	PA5-6824
La	Charles Lucas Sales Co	P. O. Box 8506, Dallas, Tex	WH2-5958
Me	M C Grossman Sales Co	339 Auburn St. Auburndale, Mass	LA7-7753
Md	Stinson-Platt Assoc	227 Haverford Ave. Narberth, Pa	MO45511
Mass	M C Grossman Sales Co	339 Auburn St. Auburndale	LA7-7753
Mich	Wayne Beitel Co	13209 Fenkell, Detroit 27, Mich	VE8-9100
Miss	Maitland K Smith Co	208 14th St, Atlanta 9, Ga	TR5-8031
Mont	William R Lanphear Co	3215 Western Ave, Seattle, Wash	AT4-8150
Nev	Koessler Sales Co	818 N. Fairfax, Los Angeles, Cal	OL3-1605
Nev	Henry Feldman Co	1244 S. Grand Ave, Los Angeles 14, Cal	RI9-8803
NH	M C Grossman Sales Co	339 Auburn St. Auburndale, Mass	LA7-7753
NJ	Stinson-Platt Assoc	227 Haverford Ave. Narberth, Pa	MO4-5511
NJ	Fields & Simon Sales Co	109 Valley Rd, Montclair, NJ	PI6-67178
NY	Electro Rep Sales Co	87 Culver Rd, Rochester 7, NY	GR3-7398
NY	Fields & Simon Sales Co	109 Valley Rd, Montclair, NJ	PI6-67178
NC	Maitland K Smith Co	120 N. Hall St, Charlotte, NC	
Ohio	J M Landfear Co	12429 Cedar Rd, Cleveland 6, Ohio	FA1-4533
Okla	Charles Lucas Sales Co	P. O. Box 8506, Dallas 16, Tex	WH2-5958
Ore	William R Lanphear Co	3215 Western Ave, Seattle, Wash	AT4-8150
Pa	J M Landfear Co	12429 Cedar Rd, Cleveland, Ohio	FA1-4533
Pa	Stinson-Platt Assoc	227 Haverford Ave. Narberth	MO4-5511
RI	M C Grossman Co	339 Auburn St. Auburndale, Mass	LA7-7753
SC	Maitland K Smith Co	208 14th St, Atlanta 9, Ga	TR5-8031
Tenn	Maitland K Smith Co	208 14th St, Atlanta 9, Ga	TR5-8031
Tex	Charles Lucas Sales Co	P. O. Box 8506, Dallas 16, Tex	WH2-5958
Utah	Vines & Co	P. O. Box 1025, Denver, Colo	TA5-4471
Vt	M C Grossman Co	339 Auburn St. Auburndale, Mass	LA7-7753
Va	Stinson-Platt Assoc	227 Haverford Ave. Narberth, Pa	MO4-5511
Wash	William R Lanphear Co	3215 Western Ave, Seattle 99, Wash	AT4-8150
W. Va	J M Landfear Co	12429 Cedar Rd, Cleveland 6, Ohio	FA1-4533
Wisc	Loren F Green & Associates	5218 W. Diversity, Chicago 39, Ill	PA5-6824
Wyo	Vines & Co	P. O. Box 1025, Denver, Colo	TA5-4471

BARKER & WILLIAMSON .... **Canal & Beaver Sts, Bristol, Pa** **ST8-5581**
R Keiser #10 *150 E 45-60-220-250-255-320-325-338-345-365-385-415-450-670-895-945-1045-1840-1845-1855-1870

Ala	Murphy & Cota	2110 Peachtree Rd. NW, Atlanta, Ga	TR6-3020
Ariz	Wes Alderson Co	3050 Overland Ave. LA, Cal	TE0-1669
Ark	Ernest L Wilks Co	1212 Camp St. Dallas, Tex	RI 4059
Cal	Wes Alderson Co	3050 Overland Ave, Los Angeles 34, Cal	
Cal	William Purdy Co	312 7th St. SF	UN3-4321
Colo	Hyde Electronics	888 S. Lipan St. Denver	WE6-3456
Conn	Richard Purinton Co	11 Muzzey St. Lexington, Mass	VO2-8300
Del	George Hautenschild	949 E. Godfrey Ave. Phila, Pa	
DC	George Hautenschild	949 E. Godfrey Ave. Phila, Pa	
Fla	Murphy & Cota	1220 Edgewater Dr, Orlando, Fla	
Ga	Murphy & Cota	2110 Peachtree Rd. NW, Atlanta	TR6-3020
Idah	Don Kohler	11532 4th Ave. NE, Seattle, Wash	
Ill	Royal J Higgins Co	10105 S. Western Ave. Chicago	BE3-7388
Ind	Royal J Higgins Co	10105 S. Western Ave. Chicago, Ill	BE3-7388
Iowa	Koenig & Myers Assoc	4538 Main St. KC, Mo	JE1-7221
Kan	Koenig & Myers Assoc	4538 Main St. KC, Mo	JE1-7221
Ky	Royal J Higgins	10105 S. Western Ave. Chicago, Ill	BE3-7388
La	Ernest L Wilks	1212 Camp St. Dallas, Tex	
Me	Richard Purinton	11 Muzzey St. Lexington, Mass	VO2-8300
Md	George Hautenschild	949 E. Godfrey Ave. Phila, Pa	
Mass	Richard N Purinton Co	11 Muzzey St, Lexington 73, Mass	
Mich	Royal J Higgins	10105 S. Western Ave. Chicago, Ill	BE3-7388
Minn	Marvin Kirkeby	204 Sunnyridge Ln. Mnpls	FR7-3239
Miss	Ernest Wilks	1212 Camp St. Dallas, Tex	
Mo	Koenig-Myers Assoc	4538 Main St. Kansas City 11, Mo	
Mont	Don Kohler	11532 4th Ave. NE, Seattle, Wash	
Neb	Koenig & Myers	4538 Main St. KC, Mo	
NH	Richard Purinton	11 Muzzey St. Lexington, Mass	
NJ	George Hautenschild	949 E. Godfrey Ave. Phila, Pa	
NJ	Steve Fisher	800 Greenwood Ave. Brooklyn, NY	
NM	Hyde Electronic	888 S. Lipan St. Denver, Colo	
NY	Wm. Ferguson	117 Fayette St. Manlius	
NY	Steve Fisher	800 Greenwood Ave. Brooklyn	
NC	Murphy & Cota	1102 Burke St, Winston-Salem, NC	
ND	Marvin Kirkeby	204 Sunnyridge Ln. Mnpls, Minn	
Ohio	Stan H Byquist	Box 245, Vaughnsville	
Okla	Ernest Wilks	1212 Camp St. Dallas, Tex	
Ore	Don Kohler	11532 4th Ave. NE, Seattle, Wash	
Pa	George Hautenschild	949 E. Godfrey Ave. Phila	
Pa	Stan H Byquist	Box 245, Vaughnsville, Ohio	
RI	Richard Purinton	11 Muzzey St. Lexington, Mass	
SC	Murphy & Cota	221 Latta Arcade, Charlotte, NC	
SD	Marvin Kirkeby	204 Sunnyridge Ln. Mnpls, Minn	
Tenn	Murphy & Cota	2110 Peachtree Rd. NW, Atlanta, Ga	
Tex	Ernest L Wilks Co	1212 Camp St, Dallas 2, Tex	
Utah	Hyde Electronics	888 S. Lipan St. Denver, Colo	
Vt	Richard Purinton	11 Muzzey St. Lexington, Mass	
Va	George Hautenschild	949 E. Godfrey Ave. Phila, Pa	
Wash	Don Kohler	11532 4th Ave. NE, Seattle	
W Va	Stan H Byquist	Box 245, Vaughnsville, Ohio	
Wis	Royal Higgins	10105 S. Western Ave. Chicago, Ill	
Wyo	Hyde Electronics	888 S. Lipan St. Denver, Colo	
For	Crescent Intl. Corp	26 Broadway, NY, NY	
Foreign	Royal National Corp	250 W. 57th St, New York 19, NY	

• **BARNES DEVELOPMENT CO, INC** .. **213 W Baltimore Ave, Lansdowne, Pa** ... **MA2-1525**
J Barnes #4 *20 C 25-300-345-895-925-1075-1315-1630

Ala	Specialized Electronics Corp	529 N. 18th St, Birmingham 1, Ala	
Alas	J J Backer Co	221 W Galer, Seattle 99, Wash	AT3-6470
Ariz	W K Geist Co	3177 Glendale Blvd, L A, Cal	NO5-8910
Cal	W K Geist Co	3177 Glendale Blvd, L A, Cal	NO5-8910
Cal	W K Geist Co	Box 649, Cupertino	YO8-1608
Conn	M S Coldwell Co	195 W Main St, Avon	OR7-9797
Del	Beebe & Aikman	237 Lancaster Ave, Devon, Pa	MU8-5173
DC	Andrew H Baxter	Albee Bldg, Washington, DC	RE7-2121
Fla	Specialized Electronic Corp	711 Magnolia Ave, Orlando	GA4-0433
Ga	Specialized Electronics Corp	529 N. 18th St, Birmingham 1, Ala	
Idaho	J J Backer Co	221 W Galer, Seattle 99, Wash	AT3-6470
Ill	Robert J Kennedy Co	6713 N. Oliphant Ave, Chicago 31, Ill	NE1-8283
Ind	Robert J Kennedy Co	6713 N. Oliphant Ave, Chicago 31, Ill	NE1-8283
Iowa	Engineering Services Co	1305 Oakland Gardens, Cedar Rapids	
Kan	Engineering Services Co	247 S Pinecrest Ave, Wichita	
Me	Michael S Coldwell	289 Fairfield Ave, Hartford 6, Conn	JA2-5332
Md	A H Baxter	412 Albee Bldg, Wash, D C	RE7-2121
Md	Beebe & Aikman	237 Lancaster Ave, Devon, Pa	MU8-5173
Mich	Robert J Kennedy Co	6713 N. Oliphant Ave, Chicago 31, Ill	NE1-8283
Miss	Specialized Electronics Corp	529 N. 18th St, Birmingham 1, Ala	
Mo	Engineering Services Co	6717 Vernon St, St Louis 30	
Mont	J J Backer Co	221 W Galer, Seattle 99, Wash	AT3-6470
Neb	Engineering Services Co	247 S Pinecrest Ave, Wichita, Kan	
Nev	W K Geist Co	3177 Glendale Blvd, L A, Cal	NO5-8910
NJ	Kenneth E Hughes Co	4808 Bergenline Ave, Union City, NJ	UN7-3204
NJ	Beebe & Aikman	237 Lancaster Ave, Devon, Pa	MU8-5173
NM	W K Geist Co	3177 Glendale Blvd, L A, Cal	NO5-8910
NY	M P Andrews Co	Fayetteville	
NY	Kenneth E Hughes Co	4808 Bergenline Ave, Union City, NJ	UN7-3204
NC	Specialized Electronics Corp	529 N. 18th St, Birmingham 1, Ala	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Pa	Beebe & Aiman	231 Lancaster Ave, Devon	MU8-5173
SC	Specialized Electronics Corp	525 N. 18th St, Birmingham 1, Ala	
Tenn	Specialized Electronics Corp	525 N. 18th St, Birmingham 1, Ala	
Tex	W K Gaird Co	3117 Glendale Blvd, L A, Cal	NO5-8910
Va	Andrew H Baxter	Albee Bldg, Washington, DC	RE7-2121
Wash	Jas J Backer Co	221 W Galer, Seattle 99	AT3-6470
Wisc	Robert J Kennedy Co	6713 N. Clinton Ave, Chicago 31, Ill	NE1-8283
Canada	Technical Assoc	1411 Bishop St, Montreal, Canada	BE7874
	BARNES ENGINEERING CO	**30 Commerce Rd, Stamford, Conn**	**FI8-5381**
	D Kerman #120 *324 E 885-895-1135		
Ala	W A Brown & Assoc. Inc	3402 Lookout Dr. SE, Huntsville	JE6-8393
Ariz	Costello & Co	2741 S La Cienega Blvd. L A 34, Cal	UP0-8537
Cal	Costello & Co	2741 S La Cienega Blvd. Los Angeles 34	UP0-8537
Colo	F Y Gates Co	200 S Main St. Salt Lake City, Utah	EL9-1101
Del	C E Snow	8218 Wisconsin Ave. Bethesda, Md	OL4-1767
DC	C E Snow	8218 Wisconsin Ave. Bethesda, Md	OL4-1767
Fla	W A Brown & Assoc. Inc	304 E Pine Ave. Orlando	GA5-5682
Fla	Barnes Engineering Co	351 N Orlando Ave. Cocoa Beach	SU3-3938
Fla	W A Brown & Assoc. Inc	351 Cocoa Rd. Indian River City	AM7-0411
Idaho	F Y Gates Co	200 S Main St. Salt Lake City, Utah	EL9-1101
Ind	Sheridan Assoc. Inc	Provident Center Bldg. Cincinnati 37, Ohio	ME1-2460
Ky	Sheridan Assoc. Inc	Provident Center Bldg. Cincinnati 37, Ohio	ME1-2460
Md	C E Snow	8218 Wisconsin Ave. Bethesda	OL4-1767
Mich	Sheridan Assoc. Inc	6333 York Rd. Cleveland 30, Ohio	TU4-8060
Nev	F Y Gates Co	200 S Main St. Salt Lake City, Utah	EL9-1101
NJ	C E Snow	9.5 Phil-Ellena St. Philadelphia 50, Pa	LI8-8043
NM	F Y Gates Co	200 S Main St. Salt Lake City, Utah	EL9-1101
NC	W A Brown & Assoc. Inc	1707 Princeton St. SW, Winston-Salem	PA5-5384
Ohio	Sheridan Assoc. Inc	Provident Center Bldg. Cincinnati 37	ME1-2460
Ohio	Sheridan Assoc. Inc	6333 York Rd. Cleveland 30	TU4-8060
Ohio	Sheridan Assoc. Inc	417 N Main St. Dayton 5	CR7-7212
Pa	C E Snow	9.5 Phil-Ellena St. Philadelphia 50	LI8-8043
Pa	Sheridan Assoc. Inc	6333 York Rd. Cleveland 30, Ohio	TU4-8060
SC	W A Brown & Assoc. Inc	1707 Princeton St. SW, Winston-Salem, NC	PA5-5384
Utah	F Y Gates Co	200 S Main St. Salt Lake City	EL9-1101
Va	W A Brown & Assoc. Inc	3610 Mt Vernon Ave Alexandria	TE6-1800
W Va	W A Brown & Assoc. Inc	3610 Mt Vernon Ave. Alexandria, Va	TE6-1800
Wyo	F Y Gates Co	200 S Main St. Salt Lake City, Utah	EL9-1101
Foreign	H Dieber Associates Inc	Leopoldstrasse 27, Munich 23, Germany	MU363494
Can	Electromechanical Products	Markham Rd. Agincourt, Ont	AX3-7011
	BARNSTEAD STILL		
	& STERILIZER CO	**84 Lanesville Terr, Boston 31, Mass**	**JA4-3100**
	D Miller #1 *150 465		
Cal	Barnstead Still & Sterilizer Co	San Francisco, Cal	TE2-5391
Cal	Barnstead Still & Sterilizer Co	Los Angeles, Cal	RY1-6608
DC	Barnstead Still & Sterilizer Co	Washington, D C	DI7-1142
Ill	Barnstead Still & Sterilizer Co	Chicago, Ill	RO1-6173
Mass	Barnstead Still & Sterilizer Co	Boston, Mass	JA4-3100
Mich	Barnstead Still & Sterilizer Co	Detroit, Mich	EN7422
NY	Barnstead Still & Sterilizer Co	New York, N Y	KI8-1557
Ohio	Barnstead Still & Sterilizer Co	Cleveland, Ohio	AC6-6622
Pa	Barnstead Still & Sterilizer Co	Philadelphia, Pa	LO8-1796
	BAR-RAY PRODUCTS INC	**213 25 St, Brooklyn 32, NY**	**SO8-1020**
	R Lapof #10 *150 E 370-850-1125-1575		
	BARRETT CO., LEON J	**1776 Grafton Rd, Worcester 1, Mass**	**PL5-4306**
	R Ayres #2 *25 C 1075		
Cal	Engineered Products Service Co	4372 Olive St, Huntington Pk, Cal	LU8-9161
Cal	W A Burden Co	2113 San Lorenzo Ave, Berkeley 7	LA5-1357
Ill	George H Anderson & Assoc	205 N. Wacker Dr, Chicago 6, Ill	AN3-6596
Ind	Lor-Mac Assoc	Fisher Bldg, Detroit 2, Mich	TR1-7600
Mich	Lor-Mac Associates	403 Fisher Bldg, Detroit 2, Mich	TR1-7600
Mo	Cesco Equipment Co	6506 Delmar Blvd, St Louis 30, Mo	PA7-0959
Ohio	Jamel Inc	120 Springfield Pike, Cincinnati 15, Ohio	VA7-1923
Ohio	Aldrich Co	4040 Mayfield Rd, Cleveland 21, Ohio	EV2-2490
Pa	Day Engineering Co	P.O. Box 535, King of Prussia, Pa	BR9-0100
Pa	Wm H Stamets Co	Jenkins Arcade Bldg, Pittsburgh 22, Pa	AT1-8091
Tex	Preston Machine Tools Inc	Professional Bldg, Arlington, Tex	AN2-1556
Tex	Preston Machine Tools Inc	Box 10127, Houston 11, Tex	WA8-3157
Wash	John Bristow	422 Smith Tower, Seattle, Wash	MA4-7540
W. Va	Wm H Stamets Co	Jenkins Arcade Bldg, Pittsburgh, Pa	AT1-8091
Wisc	E L Schultz Co	1270 N. 79th St, Milwaukee 16, Wisc	HI4-7601
Canada	Williams & Wilson Ltd	Box 6117, Montreal, Quebec, Canada	UN6-2851
Canada	Williams & Wilson Ltd	71 Front St, E., Toronto 1, Ontario, Can	EM3-8311
	BARRETT VARNISH CO	**1532 S. 50 Ct, Cicero 50, Ill**	**OL2-4220**
	B Lundy *65 E 580-970-1240-1930		
	BARRY CONTROLS DIV		
	BARRY WRIGHT CORP	**711 Pleasant St, Watertown 72, Mass**	**WA3-1150**
	E Johnson #30 *650 G 675-1075-1170-1230-1390-1505		
Ala	E C Raymond & Assoc	P O Box 8215, Madeira Beach, Fla	WA1-9735
Ariz	Barry Controls Div	1400 N Flower St, Glendale, Cal	CH5-6653
Cal	Barry Controls Div	1400 N Flower St, Glendale	CH5-6653
Colo	Barry Controls Div	1400 N Flower St, Glendale, Cal	
Conn	Schaal Associates	11 Muzzey St. Lexington, Mass	VO2-3578
Del	Ken Randall Co	1303 Midvale Ave, Baltimore, Md	RI7-5260
DC	E R Hitchcock & Assoc	734 15th St, N W, Wash	EX3-5635
Fla	E C Raymond & Assoc	P O Box 8215, Madeira Beach	WA1-9735
Idaho	Barry Controls Div	1400 N Flower St, Glendale, Cal	CH5-6653
Ill	Barrymount Corp, The	7029 W Grand Ave, Chicago	NA2-5250
Ind	Barrymount Corp, The	7029 W Grand Ave, Chicago, Ill	NA2-5250
Iowa	Barrymount Corp, The	7029 W Grand Ave, Chicago, Ill	NA2-5250
Kan	Harris-Hanson Co	7916 Paseo Ave, Kansas City, Mo	HI4-9494
Me	Schaal Assoc	11 Muzzey St, Lexington, Mass	VO2-3578
Md	Ken Randall Co	1303 Midvale Ave, Baltimore	RI7-5260
Mass	Schaal Assoc	11 Muzzey St, Lexington	VO2-3578
Mich	Barrymount Corp, The	17901 E Warren Ave, Detroit	TU5-7989
Minn	Fred B Hill Co	6110 Excelsior Blvd, Mnpls	WE9-6727
Mo	Harris-Hanson Co	2814 S Brentwood Blvd, St Louis	MI7-4350
Mont	Barry Controls Div	1400 N Flower St, Glendale, Cal	CH5-6653
Nev	Barry Controls Div	1400 N Flower St, Glendale, Cal	CH5-6653
NH	Schaal Assoc	11 Muzzey St, Lexington, Mass	VO2-3578
NJ	E R A, Inc	340 Great Neck Rd, Great Neck, NY	HU2-9320
NM	Barry Controls Div	1400 N Flower St, Glendale, Cal	CH5-6653
NY	E R A, Inc	340 Great Neck Rd, Great Neck	HU2-9320
Ohio	Barrymount, Corp, The	7029 W Grand Ave, Chicago, Ill	NA2-5250
Ore	Barry Controls Div	1400 N Flower St, Glendale, Cal	CH5-6653
Pa	Ken Randall Company	121 W Broad St, Phila	LO4-2151
RI	Schaal Assoc	11 Muzzey St, Lexington, Mass	VO2-3578
Utah	Barry Controls Div	1400 N Flower St, Glendale, Cal	CH5-6653
Vt	Schaal Assoc	11 Muzzey St, Lexington, Mass	VO2-3578
Va	Ken Randall Co	1303 Midvale Ave, Baltimore, Md	RI7-5260
Wash	Barry Controls Div	1400 N Flower St, Glendale, Cal	CH5-6653
Wis	Barrymount Corp, The	7029 W Grand Ave, Chicago, Ill	NA2-5250
Wyo	Barry Controls Div	1400 N Flower St, Glendale, Cal	CH5-6653
Can	Barry Controls Div	1253 Lard Blvd, Montreal, Que	
For	Cementation (Muffelite) Ltd	20 Albert Embankment, London 11, Eng	
For	Fritz Brumme, K G	Hermannstr 7-11, Raunheim a.m., Ger	
	BART LABS & DESIGN INC	**125 Manchester Pl, Newark 4, NJ**	**PL9-0200**
	45-265-390-560-790-860-895-1075-1135-1160-1240-1305-1735-1790		
	BARTA-GRIFFIN CO	**72 Commercial St, Worcester 1, Mass**	
	R Jones *11 B 890-1075		
	BARTON MINES CORP	**North Creek, NY**	**2296**
	J Burns #3 *110 05		
	BARWOOD ELECTRONICS INC	**120 S. Maryland Ave, Glendale 5, Cal**	**CH5-4063**
	W Barwood #2 *15 B 320-895-1340-1735-1810-1855		
	BARWOOD MFG CO., INC., L J	**22 Williams St, Everett 49, Mass**	**DU7-0942**
	R Greenleaf #2 *50 D 620-900-1125-1290-1940		
	BASLER ELECTRIC CO.		
	MAGNETIC COMPONENTS	**Box 269, Highland, Ill**	**2123**
	R Roepke #14 *325 E 320-880-895-1135-1855		
	SYSTEMS SALES	**Box 269, Highland, Ill**	**2123**
	R Cote #14 *325 E 255-275-320-360-365-670-895-915-1165-1340-1455		
Ala	Airsupply-Aero Engineering Co	3272 Peachtree Rd. NE, Atlanta 5, Ga	CE7-8636
Ariz	Airsupply-Aero Engineering Co	2950 W Thomas Rd. Phoenix	AP8-5511
Ark	Airsupply-Aero Engineering Co	Box 6247, Lambert Field, St Louis 21, Mo	PE1-6500
Cal	Airsupply-Aero Engineering Co	9815 Wilshire Blvd, Beverly Hills, Cal	BR2-8111
Cal	Airsupply-Aero Engineering Co	207 Town & Country, Palo Alto, Cal	DA6-4186
Cal	Airsupply-Aero Engineering Co	Box 6296, Point Loma Sta, San Diego 6	CY8-1121
Colo	Airsupply-Aero Engineering Co	3311 S. Broadway, Englewood, Colo	SU9-0591
Conn	Airsupply-Aero Engineering Co	600 Old Country Rd. Garden City, NY	PI7-8686
Del	Airsupply-Aero Engineering Co	1510 Russell Rd. Paoli, Pa	TW4-9165
DC	Airsupply-Aero Engineering Co	7215 York Rd. Baltimore 12, Md	VA3-4101
Fla	Airsupply-Aero Engineering Co	3272 Peachtree Rd. NE, Atlanta 5, Ga	CE7-8636
Ga	Airsupply-Aero Engineering Co	3272 Peachtree Rd, N.E., Atlanta 5, Ga	CE7-8636
Idah	Airsupply-Aero Engineering Co	10633 NE 8th St. Bellevue, Wash	GL4-7922
Ill	H Sam Tollaksen	304 S. Halsted St, Chicago, Ill	CE6-2964
Ill	Airsupply-Aero Engineering Co	4302 Warren Ave. Hillside	LI4-7400
Ind	Airsupply-Aero Engineering Co	2441 N Meridian, Indianapolis	WA5-3528
Iowa	Kinnick Co	222 Olympia Dr. St Louis 35, Mo	JA1-4877
Iowa	Airsupply-Aero Engineering Co	5407 Excelsior Blvd. Minneapolis, Minn	WA2-0848
Kan	Kinnick Co	222 Olympia Dr. St Louis 35, Mo	JA1-4877
Kan	Airsupply-Aero Engineering Co	612 S. Oliver St, Wichita, Kan	MU3-7518
Ky	Airsupply-Aero Engineering Co	2441 N Meridian, Indianapolis, Ind	WA5-3528
La	Airsupply-Aero Engineering Co	3272 Peachtree Rd. NE, Atlanta 5, Ga	CE7-8636
Me	Airsupply-Aero Engineering Co	14 Spring St. Waltham, Mass	TW4-9165
Md	Airsupply-Aero Engineering Co	7215 York Rd, Baltimore 12, Md	VA3-4101
Mass	Airsupply-Aero Engineering Co	14 Spring St, Waltham, Mass	TW4-9165
Mich	Airsupply-Aero Engineering Co	15823 W. McNichols Rd, Detroit 35, Mich	BR3-7238
Minn	Airsupply-Aero Engineering Co	5407 Excelsior Blvd, Minneapolis, Minn	WA2-0848
Miss	Airsupply-Aero Engineering Co	3272 Peachtree Rd. NE, Atlanta 5, Ga	CE7-8636
Mo	Kinnick	222 Olympia Dr, St. Louis 21, Mo	JA1-4877
Mont	Airsupply-Aero Engineering Co	10633 NE 8th St. Bellevue, Wash	GL4-7922
Neb	Airsupply-Aero Engineering Co	612 S Oliver, Wichita, Kan	MU3-7518
Nev	Airsupply-Aero Engineering Co	Town & Country, Palo Alto, Cal	DA6-4186
NH	Airsupply-Aero Engineering Co	14 Spring St. Waltham, Mass	TW4-9165
NJ	Airsupply-Aero Engineering Co	600 Old Country Rd. Garden City, NY	PI7-8686
NM	Airsupply-Aero Engineering Co	1209 Lake St. Fort Worth, Tex	ED5-4541
NY	Airsupply-Aero Engineering Co	2360 James St, Syracuse 6, NY	HO3-8531
NY	Airsupply-Aero Engineering Co	600 Old Country Rd. Garden City	PI7-8686
NC	Airsupply-Aero Engineering Co	3272 Peachtree Rd. NE, Atlanta 5, Ga	CE7-8636
ND	Airsupply-Aero Engineering Co	5407 Excelsior Blvd. Mnpls 16, Minn	WA2-0848
Ohio	Airsupply-Aero Engineering Co	333 W. 1st St, Dayton, Ohio	BA4-0728
Ohio	Airsupply-Aero Engineering Co	Box 3925, Whitehall Sta. Columbus	BE1-2758
Okla	Airsupply-Aero Engineering Co	612 S Oliver, Wichita, Kan	MU3-7518
Ore	Airsupply-Aero Engineering Co	10633 NE 8th St. Bellevue, Wash	SU9-0591
Pa	Airsupply-Aero Engineering Co	1510 Russell Rd, Paoli, Pa	NI4-1450
RI	Airsupply-Aero Engineering Co	14 Spring St. Waltham, Mass	TW4-9165
SC	Airsupply-Aero Engineering Co	3272 Peachtree Rd. NE, Atlanta 5, Ga	CE7-8636
SD	Airsupply-Aero Engineering Co	5407 Excelsior Blvd. Mnpls 16, Minn	WA2-0848
Tenn	Airsupply-Aero Engineering Co	3272 Peachtree Rd. NE, Atlanta 5, Ga	CE7-8636
Tex	Airsupply-Aero Engineering Co	1209 Lake St. Fort Worth	ED5-4541
Utah	Airsupply-Aero Engineering Co	3311 S Broadway, Englewood, Colo	SU9-0591
Vt	Airsupply-Aero Engineering Co	14 Spring St. Waltham, Mass	TW4-9165
Va	Airsupply-Aero Engineering Co	3272 Peachtree Rd. NE, Atlanta 5, Ga	CE7-8636
Wash	Airsupply-Aero Engineering Co	10633 N.E. 8th St, Bellevue, Wash	GL4-7922
W Va	Airsupply-Aero Engineering Co	7215 York Rd. Baltimore 12, Md	VA3-4101
Wisc	Gordon H Tollaksen	610 Main St, Racine, Wisc	ME2-2345
Wyo	Airsupply-Aero Engineering Co	3311 S Broadway, Englewood, Colo	SU9-0591
	BASO INC	**730 N. Jackson St, Milwaukee 1, Wisc**	**BR3-5300**
	D Weidenfeller #1 *186 1460		
Ariz	R F Rafenstein	803 Averill Ave, San Pedro, Cal	TE3-2955
Cal	R W Burn	1447 Miramonte Ave, Los Altos, Cal	YO7-6570
Cal	R F Rafenstein	803 Averill Ave, San Pedro, Cal	TE3-2955
Conn	M H Sullivan	1519 River St, Boston 36, Mass	HY3-5316
Idaho	R W Burn	1447 Miramonte, Los Altos, Cal	YO7-6570
Me	M H Sullivan	1519 River St, Boston 36, Mass	HY3-5316
Mass	M H Sullivan	1519 River St, Boston 36, Mass	HY3-5316
Mont	R W Burn	1447 Miramonte, Los Altos, Cal	YO7-6570
Nev	R W Burn	1447 Miramonte, Los Altos, Cal	YO7-6570
NH	M H Sullivan	1519 River St, Boston 36, Mass	HY3-5316
NJ	Par Distributors	555 Jericho Trnpk, Syosset, NY	WA1-5290
NY	Par Distributors	555 Jericho Trnpk, Syosset, NY	WA1-5290
Ore	R W Burn	1447 Miramonte, Los Altos, Cal	YO7-6570
RI	M H Sullivan	1519 River St, Boston 36, Mass	HY3-5316
Utah	R W Burn	1447 Miramonte, Los Altos, Cal	YO7-6570
Vt	M H Sullivan	1519 River St, Boston 36, Mass	HY3-5316
Wash	R W Burn	1447 Miramonte, Los Altos, Cal	YO7-6570
	BAUSCH & LOMB INC	**61462 Bausch St, Rochester 2, NY**	**LO2-3000**
	A Blum G 360-410-630-775-885-895-900-1015-1125-1140-1385-1510		
Cal	Bausch & Lomb	20 Jones St, San Francisco 2, Cal	UN3-1580
Cal	Bausch & Lomb	314 W. 6th St, Los Angeles 14, Cal	MA3-1401
DC	Bausch & Lomb	1024 Eye St, Washington 5, DC	RE7-1818
Ga	Bausch & Lomb	78 Marietta St, N.W. Atlanta, Ga	JA5-0791
Ill	Bausch & Lomb	740 Washington Blvd, Chicago 6, Ill	ST2-9232
Mass	Bausch & Lomb	110 Tremont St, Boston, Mass	HU2-3521
Mich	Bausch & Lomb	20200 W. Outer Dr, Dearborn, Mich	LO1-8660
Mo	Bausch & Lomb	P.O. Box 178, St. Louis 66, Mo	CE1-1451
NY	Bausch & Lomb	730 5th Ave, New York 19, NY	CI7-5400
Pa	Bausch & Lomb	1814 Chestnut St, Philadelphia 3, Pa	LO3-0831
	BAY PRODUCTS DIV AMER METAL		
	WKS INC	**1835 W Cambria St, Philadelphia 32, Pa**	**BA9-1805**
	R Halstrick #1 *75 E 90-135-180		
	BAY ROY ELECTRONICS INC	**Box 7503, Cleveland 30, Ohio**	**TR1-7804**
	H Marolt #2 *3 A 1135-1735		
	BAYLY ENGINEERING LTD	**Hunt St, Ajax, Ont. Can**	**925-2126**
	D McPherson #8 *130 E 195-320-450-670-895-920-925-1045-1200-1325-1420-1730-1855		
	BAYSIDE TIMERS	**43-27 162 St, Flushing, NY**	**IN3-8935**
	G Dorothee #2 *5 A 1810		
	BAY STATE ABRASIVE		
	PRODUCTS CO	**12 Union St, Westboro, Mass**	**FO6-4433**
	J H Brighan #20 *775 G 05-1075-1950		
Cal	Bay State Abrasive Products Co	3480 Cherry Ave, Long Beach 7, Cal	GA7-2983
Ill	Bay State Abrasive Products Co	3701 W. 49th St, Chicago 32, Ill	FR6-6677
Mich	Bay State Abrasive Products Co	25600 Princeton Rd, Inkster 27, Mich	LO5-8870
Ohio	Bay State Abrasive Products Co	9550 Granger Rd, Cleveland 25, Ohio	L 7-1484
Pa	Bay State Abrasive Products Co	1691 Washington Rd, Pittsburgh 28, Pa	LO3-1144
	BAY-TRONIC CO	**39-43 Evergreen St, Bayonne, NJ**	**HE7-3929**
	A Mercer #2 *17 B 320-365-795-895-1045-1340		
	BEACH-RUSS CO	**620 U Graybar Bldg, New York 17, NY**	**OR9-7636**
	A Beach E 1375		
•	**BEAD CHAIN MFG CO**	**110 Mountain Grove St, Bridgeport 5, Conn**	**ED4-4124**
	G Bohr #3 *175 D 345-355-925-1280-1315-1325-1735-1780-1875		
	BEAN & CO MORRIS	**Hyde Rd, Yellow Springs, Ohio**	**RO7-7301**
	D Scott #15 *325 E 233		
	BEARING INSPECTION INC	**3311 E. Gage Ave, Huntington Park, Cal**	**LU2-6431**
	C McKnight #3 *28 B 75-670-895-1915		
Ore	Bearing Sales & Service, Inc	1645 NW Hoyt St, Portland 9	CA3-6301
Wash	Bearing Sales & Service Inc	2908 6th Ave S, Seattle 4	MU2-0331
	BEATTIE-COLEMAN INC	**1000 N. Olive St, Anaheim, Cal**	**PR4-4503**
	J Wilcox *71 E 200-1810		
Alaska	Comptronics	2 Hanford St, Seattle, Wash	
Ariz	M A Stolaroff Co	4622 W Slauson Ave, LA, Cal	
Cal	R L Pflieger Co	1652 Laurel St, San Carlos, Cal	
Cal	M A Stolaroff Co	4622 W. Slauson Ave, Los Angeles, Cal	
Colo	Parrish Electronics	2130 S Albion St, Denver	
DC	L G White & Co Inc	880 Bonifant St, Silver Spring, Md	
Idah	Parrish Electronics	2130 S Albion St, Denver, Colo	
Idaho	Comptronics	2 Hanford St, Seattle, Wash	
Md	L G White & Co Inc	880 Bonifant St, Silver Spring	
Md	L G White & Co Inc	212 Washington Ave, Towson	
Mont	Comptronics	2 Hanford St, Seattle, Wash	
Nev	Parrish Electronics	2130 S Albion St, Denver, Colo	
Nev	R L Pflieger Co Inc	1652 Laurel St, San Carlos, Cal	
NJ	Kenneth E Hughes Co	4808 Bergenline Ave, Union City, NJ	
NM	Parrish Electronics	2130 S Albion St, Denver, Colo	
NY	Kenneth E Hughes Co	4808 Bergenline Ave, Union City, NJ	
NY	George O Miller Co	639 S. Warren St, Syracuse 2, NY	
NC	L G White & Co Inc	2020 Beach St, Winston-Salem	
Ohio	Ohio Instrument Co	7316 Churchill, Dayton, Ohio	
Ore	Comptronics	2 Hanford St, Seattle, Wash	
Pa	Kenneth E Hughes Co	101 N. 33rd St, Philadelphia 4, Pa	
Pa	Ohio Instrument Co	7316 Winston Churchill, Dayton, Ohio	
Tenn	L G White & Co Inc	2020 Beach St, Winston-Salem, NC	
Utah	Parrish Electronics	2130 S Albion St, Denver, Colo	
Va	L G White & Co Inc	2020 Beach St, Winston-Salem, NC	
Va	L G White & Co Inc	880 Bonifant St, Silver Spring, Md	
Wash	Comptronics	2 Hanford St, Seattle, Wash	
W Va	L G White & Co Inc	880 Bonifant St, Silver Spring, Md	
Wyo	Parrish Electronics	2130 S Albion St, Denver, Colo	
Foreign	Ad Auriema Inc	85 Broad St, New York 4, NY	
Can	Comptronics	2 Hanford St, Seattle, Wash	
Canada	Alex L Clark Ltd	3751 Bloor St, W., Islington Ont, Canada	
	BEAUCHAINE & SONS INC	**Union Ave. Lakeport, NH**	**LA4-5510**
	C Fernald #2 *30 C 345-925-1135-1285-1290-1630-1825		
Conn	R Perron Co. Inc	36 Louis St. Trumbull	AM8-9631
Me	R Perron Co. Inc	1870 Centre St. Boston, Mass	FA3-1008
Mass	R Perron Co. Inc	1870 Centre St. Boston	FA3-1008
NH	R Perron Co. Inc	1870 Centre St. Boston, Mass	FA3-1008
NJ	Electro Components Inc	910 Old Nepperhan Ave. Yonkers, NY	YO5-7933
NY	Electro-Components Inc	910 Old Nepperhan Ave. Yonkers	YO5-7933
RI	R Perron Co. Inc	1870 Centre St. Boston, Mass	FA3-1008
Vt	R Perron Co. Inc	1870 Centre St. Boston, Mass	FA3-1008
	BEAVER GEAR WORKS INC	**1034 Parmele St, Rockford, Ill**	**WO3-9691**
	R Glavin #4 *60 D 755		
Ariz	Fryco	355 N. Scottsdale Rd, Scottsdale, Ariz	WH5-3281
Cal	R Sydney Hopkins Co	15016 Ventura Blvd, Sherman Oaks, Cal	ST8-5501
Fla	DuBovy Associates	610 N Orange Ave, Orlando, Fla	CH1-1684
Ill	Bramco Sales	7325 N Oakley, Chicago, Ill	SH3-8719
Ind	E L Rufe	P.O. Box 77, Mishawaka, Ind	BL5-1953
Mich	Herman E Johnson	3123 E. Jefferson Ave, Detroit 7, Mich	LO7-8445
Mo	American Eng & Supply Co	406 W. 34th St, Kansas City 11, Mo	JE5236
NY	Wm H Brouwer & Co	55 W. 42nd St, New York 36, NY	BR9-3028
Ohio	G & H Sales Co	Box 416, Cincinnati 37, Ohio	JE1-5553
Tex	Industrial Sales & Eng Co	1020 Campbell Rd, Houston 24, Tex	HO5-3084
Va	Michael Gonz, Jr	P.O. Box 8191, Norfolk, Va	JU8-1384

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	BEAVER LABS	**469 Jericho Tpk. Mineola, NY**	**PI7-3900**
	S Eisenberg #3 *22 265		
Ala	L R Massey Co	304 E. Jefferson St, Greenwood, Miss	GL3-3038
Ariz	Bassett & Moore Co	12045 Magnolia, N. Hollywood, Cal	TR7-7129
Ark	L R Massey Co	304 E. Jefferson St. Greenwood, Miss	GL3-3038
Cal	R Del Bucchia & Assoc	179 S. Mayfair Ave. Daly City	PL6-8414
Conn	Johnson Assoc	81 Merrimack St. Lowell, Mass	CR6-5500
Del	E L Park	Beverly & Patricia Rds. Holland, Pa	EL7-7805
DC	J F Anderson Co	1203 Trinity Dr. Alexandria, Va	KI9-0107
Ga	L R Massey Co	304 E. Jefferson St. Greenwood, Miss	GL3-3038
Idah	R M Minthorne Co	0673 SW Taylor's Ferry, Portland, Ore	CH6-4556
Ill	M L Friedman Co	4751 N. Rockwell Ave. Chicago 25	LO1-4257
Ind	Fishman Assoc	1806 Nottington Dr. Indpls	VI6-8221
Iowa	George Kangas Sales Co	10506 W. 89th St, Overland Park, Kan	TU8-5213
Kan	George Kangas Sales Co	10506 W. 89th St, Overland Park, Kan	TU8-5213
Ky	Fishman Assoc	1836 Nottingham Dr. Indpls, Ind	VI6-8221
La	L R Massey Co	304 E. Jefferson St. Greenwood, Miss	GL3-3038
Me	Johnson Assoc	81 Merrimack, Lowell, Mass	CR6-5500
Md	J F Anderson	1203 Trinity Dr. Alexandria, Va	KI9-0107
Mass	Johnson Assoc	81 Merrimack, Lowell	GL2-0413
Mich	J M Thorpe	640 Hidden Ln. Detroit 40	TU4-4360
Minn	R Ripley	7222 James Ave. S. Mnpls	UN6-8682
Miss	L R Massey Co	304 E. Jefferson St, Greenwood, Miss	GL3-3038
Mo	J Kelly Sales Co	972 N. Geyner Rd. Detroit 40, Mich	TA2-1791
Mont	R Minthorne	0673 SW Taylors Ferry, Portland, Ore	CH6-4556
Nev	R Del Bucchia & Assoc	179 S Mayfair Ave. Daly City, Cal	PH6-8414
NH	Johnson Assoc	81 Merrimack, Lowell, Mass	GL2-0413
NC	The Hilker Co	3007 Kinnamon Rd. Winston Salem	PA5-8688
ND	R Ripley	7222 James Ave. S. Mnpls, Minn	UN6-8682
Ohio	James M Landfear Co	12429 Cedar Rd, Cleveland, Ohio	FA1-4533
Okla	W R Hays Co	3416 Rosedale, Dallas, Tex	EM3-2021
Ore	R M Minthorne Co	0673 SW. Taylor's Ferry Rd. Portland	CH6-4556
Pa	E L Park	Beverly & Patricia Rds. Holland	EL7-9865
RI	Johnson Assoc	81 Merrimack, Lowell, Mass	GL2-0413
SC	The Hilker Co	3007 Kinnamon Rd. Winston Salem, NC	PA5-8688
SD	R Ripley	7222 James Ave. S. Mnpls, Minn	UN6-8682
Tenn	L R Massey Co	304 E. Jefferson St. Greenwood, Miss	GL3-3038
Tex	W R Hays Co	3416 Rosedale, Dallas	
Vt	Johnson Assoc	81 Merrimack, Lowell, Mass	GL2-0413
Va	J F Anderson	1203 Trinity Dr. Alexandria	KI9-0107
W Va	J F Anderson Co	1203 Trinity Dr. Alexandria, Va	KI9-0107
Wis	M L Friedman	4751 N. Rockwell Ave. Chicago, Ill	LO1-4257
Canada	Norris Burgess	418 Mt. Pleasant Rd, Toronto 7, Canada	HU9-1854
For	Minthorne International	15 Moore St. NY, NY	BO9-6272
	BECKER BROTHERS CARBON CO.	**3450 S Laramie Ave. Cicero 50, Ill**	**BI2-1260**
	P Pocel #3 *165 E 160-760-1485-1545		
	BECKER ELECTRONICS MFG CORP	**Horton & Rockaway, Valley Stream, NY**	**LO1-2510**
	M Mintzer #3 *200 E 1675		
DC	Harold Moyer Co	Haddonfield, NJ	
Md	Harold Moyer Co	Haddonfield, NJ	
NJ	Harold Moyer Co	Haddonfield	
Pa	Harold Moyer Co	Haddonfield, NJ	
Va	Harold Moyer Co	Haddonfield, NJ	
For	Joseph Plasencia	401 Broadway, New York City, NY	
	BECKLEY ELECTRIC CO	**466 Grand Ave, Brooklyn, NY**	**NE8-0211**
	L Margoid *40 D 185-345-795-805		
Ala	Fred Wamble Sales Co	3867 Sherwood, Montgomery 9	AM2-1573
Ill	Walter F Marsh & Assoc	244 Chicago Ave. Oak Park	EV2-2967
Ind	Herb J Kirsch	107 Wabash Ave. La Fontaine	YU1-2801
•	**BECKMAN INSTRUMENTS INC. BERKELEY DIV**	**2200 Wright Ave. Richmond, Cal**	**LA6-7730**
	#40 *375 G 338-895-1810		
Ala	Murphy & Cota Co	1024 N Memorial Pkwy. Huntsville	JE6-9121
Alaska	Rush S Drake Associates Inc	1817 Norman St, Seattle 44, Wash	EA3-8545
Ariz	V T Rupp Co	1437 San Mateo N.E., Albuquerque, NM	AL6-0798
Cal	V T Rupp Co	3445 Fifth Ave, San Diego 3, Cal	CY8-9885
Cal	V T Rupp Co	307 Parkman Ave, Los Angeles, Cal	DU7-8224
Cal	V T Rupp Co	1182 Los Altos Ave, Los Altos, Cal	WH8-1483
Colo	Williams & Associates Inc	2261-63 S. Albion St, Denver 22, Colo	SK6-9403
Conn	Broger Inst Sales Co. Inc	31 Broadway, New Haven 15	SP7-6279
Del	Broger Inst Sales Co., Inc	48 Pearl St, Brookline 47, Mass	BE2-4804
DC	Gawler-Knoop Co	8732 Flower Ave, Silver Spring, Md	JU5-7550
Fla	Murphy & Cota Co	2319 E. South St, Orlando, Fla	GA4-2167
Ga	Murphy & Cota	1024 N Memorial Pkwy. Huntsville, Ala	JE6-9121
Hawaii	Rush S Drake Associates Inc	1817 Norman St, Seattle 44, Wash	EA3-8545
Idah	Rush S Drake Assoc. Inc	Box 2126, Idaho Falls	JA2-7992
Ill	Ridgway Associates Inc	6100 W. North Ave, Chicago 39, Ill	TU9-5715
Ill	LeeMark Associates	2001 Big Bend Blvd, St. Louis 17, Mo	MI7-1470
Ind	Ridgway Associates Inc	1224 N. Capitol Ave, Indianapolis 2, Ind	ME5-2401
Iowa	LeeMark Associates	2001 Big Bend Blvd, St. Louis 17, Mo	MI7-1470
Iowa	Ridgway Associates Inc	6100 W. North Ave, Chicago 39, Ill	TU9-5715
Kan	LeeMark Associates	4021 W. 86th St, Kansas City 15, Mo	NI2-3313
Kan	LeeMark Associates	2001 Big Bend Blvd, St. Louis 17, Mo	MI7-1470
Ky	Ridgway Assoc. Corp	3998 Linden Ave. Dayton 32, Ohio	CL2-5604
Ky	Ridgway Associates Inc	1224 N. Capitol Ave, Indianapolis 2, Ind	ME5-2401
Me	Broger Instrument Sales Co., Inc	48 Pearl St, Brookline 47, Mass	BE2-4804
Md	Gawler-Knoop Co	8732 Flower Ave, Silver Spring, Md	JU5-7550
Mass	Broger Instrument Sales Co., Inc	48 Pearl St, Brookline 47, Mass	BE2-4804
Mich	Ridgway Assoc. Corp	3384 12 Mile Rd. Berkley	LI6-3312
Minn	Pinkney & Hine Co	1925 Nicollet Ave, Mnpls 3, Minn	FE8-0523
Miss	Murphy & Cota	1024 N Memorial Pkwy. Huntsville, Ala	JE6-9121
Mo	LeeMark Associates	4021 W. 86th St, Kansas City 15, Mo	NI2-3313
Mo	LeeMark Associates	2001 Big Bend Blvd, St. Louis 17, Mo	MI7-1470
Neb	LeeMark Associates	4021 W. 86th St, Kansas City 15, Mo	
Neb	LeeMark Associates	2001 Big Bend Blvd, St. Louis 17, Mo	MI7-1470
Nev	Williams & Associates Inc	2261-63 S. Albion St, Denver 22, Colo	SK6-9403
NH	Broger Instrument Sales Co., Inc	48 Pearl St, Brookline 47, Mass	BE2-4804
NJ	Gawler-Knoop Co	178 Eagle Rock Ave, Roseland, NJ	CA6-4545
NJ	Gawler-Knoop Co	835 Glenside Ave, Wyncote, Pa	WA7-1820
NM	V T Rupp Co	1437 San Mateo, N.E., Albuquerque, NM	AL6-0798
NY	SBM Assoc	177 Winton Rd. N, Rochester 10	GR3-6506
NY	SBM Assoc	232 Roosevelt Dr. Utica	RE2-4410
NY	Gawler-Knoop Co	178 Eagle Rock Ave, Roseland, NJ	CA6-4545
NC	Murphy & Cota	1106 Burke St, Winston Salem, NC	PA4-0750

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
ND	Pinkney & Hine Co	1925 Nicollet Ave, Minnpls 3, Minn	FE8-0523
Ohio	Ridgway Assoc	3898 Linden Ave. Dayton 32	CL2-5604
Ohio	Ridgway Assoc	591 Schaat Rd. Cleveland	LA4-1421
Okla	Dannemiller-Smith Inc	2712 W. Mockingbird Ln, Dallas, Tex	FL7-8249
Ore	Rush S Drake Associates Inc	1817 Norman St, Seattle 44, Wash	EA3-8545
Pa	Ridgway Associates	5915 Shaff Rd, Cleveland 31, Ohio	LA4-1421
Pa	Gawler-Knoop Co	835 Glenside Ave, Wyncote, Pa	WA7-1820
Pa	Gawler-Knoop Co	8732 Flower Ave, Silver Spring, Md	JU5-7550
RI	Broger Instrument Sales Co., Inc	48 Pearl St, Brookline 47, Mass	BE2-4304
SC	Murphy & Cota	1106 Burke St, Winston Salem, NC	PA4-0750
SD	Pinkney & Hine Co	1925 Nicollet Ave, Mnnpls 3, Minn	FE8-0532
Tenn	Murphy & Cota	1106 Burke St, Winston Salem, NC	PA4-0750
Tex	Dannemiller-Smith Inc	62188 Westheimer Rd. Houston 27	SU2-7350
Tex	Dannemiller-Smith Inc	2712 W. Mockingbird Ln. Dallas, Tex	FL7-8249
Utah	Williams & Associates Inc	320 E. 4th S., Salt Lake City, Utah	EM4-6844
Vt	Broger Instrument Sales Co., Inc	48 Pearl St, Brookline 47, Mass	BE2-4804
Va	Gawler-Knoop Co	178 Eagle Rock Ave, Roseland, NJ	CA6-4545
Wash	Rush S Drake Associates Inc	1817 Norman St, Seattle 44, Wash	EA3-8545
W. Va	Ridgway Associates Corp	5915 Shaff Rd, Cleveland 31, Ohio	LA4-1421
Wisc	Pinkney & Hine Co	1925 Nicollet Ave, Minnps 3, Minn	FE8-0523
Wisc	Ridgway Associates Inc	6100 W. North Ave, Chicago 39, Ill	TU9-5715
Wyo	Williams & Associates Inc	2261-63 S. Albion St, Denver 22, Colo	SK6-9403
For	Beckman Instruments	2500 Harbor Blvd. Fullerton, Cal	
	BECKMAN INSTRUMENTS, INC. SCIENTIFIC & PROCESS INST DIV.	**2500 Harbor Blvd. Fullerton, Cal**	**TR1-4848**
	R Klees #400 *2100 G 895		
Cal	Beckman Instruments Inc	2200 Wright Ave. Richmond	LA6-7730
DC	Beckman Instruments Inc	7924 Wisconsin Ave. Bethesda 14, Md	OL6-1644
Ga	Beckman Instruments Inc	3240 Peachtree Rd. NE, Atlanta 5	CE7-7042
Ill	Beckman Instruments Inc	7360 N Lincoln Ave. Lincolnwood 46	JU3-1020
Mass	Beckman Instruments Inc	12 Norfolk St. Cambridge 39	EL4-5999
NY	Beckman Instruments Inc	2451 Wehrle Dr. Buffalo 21	NF4-3777
NY	Beckman Instruments Inc	Summit Rd. Mountainside, NJ	AD2-7600
Ohio	Beckman Instruments Inc	1717 Section Rd. Cincinnati	RE1-5111
Ohio	Beckman Instruments Inc	8905 Lake Ave. Cleveland 2	OL1-5424
Pa	Beckman Instruments Inc	426 Cottman St. Jenkintown	TU4-0454
Tex	Beckman Instruments Inc	Box 8673, Dallas 16	RI1-5225
Tex	Beckman Instruments Inc	2710 Danville St. Houston 6	JA6-1221
Wash	Beckman Instruments Inc	Box 473, Bellevue	GL4-0794
Can	Beckman Instruments Inc	3433 Bathurst St. Toronto 12, Ont	RU7-0686
	BECKMAN INSTRUMENTS, INC. SYSTEMS DIV	**2400 Harbor Blvd. Fullerton, Cal**	**TR1-4848**
	F Schoefele #150 *600 G 338-365-430-895		
Cal	Beckman Instruments Inc	256 Town & Country Vlge. Palo Alto	DA6-4255
Md	Beckman Instruments Inc	7924A Wisconsin Ave. Bethesda	
NJ	Beckman Instruments Inc	US Hwy. 22 at Summit Rd. Mountainside	AD2-7600
NM	Beckman Instruments Inc	1521 Roma Ave. NE, Albuquerque	CH3-2177
	BECKMAN & WHITLEY INC	**993 E San Carlos Ave. San Carlos, Cal**	**LY1-8241**
	J Vogelzang #50 *200 E 200-275-895-1015-1735-1850		
Cal	William Wahl Corp	11973 San Vicente Blvd, Los Angeles	GR2-1246
Md	George C Milan	7215 York Rd, Baltimore 12	VA5-5444
NY	Frank Provost	Oak Dr, Mahopac	8-6634
For	Sumitomo Shoji Kaisha Ltd	8, 1-chome, Marunouchi, Chiyoda-Ku Tokyo, Jap	
	BECK'S INC	**298-300 E. Fifth St, St Paul 1, Minn**	**CA4-6465**
	W Whitbeck #3 *18 B 65-280-338-595-720-1150		
	BEEDE ELECTRICAL INST CO., INC	**Penacook, NH**	**PL3-6362**
	#2 895		
Ariz	Allen I Williams Co	2263 Albion St, Denver, Colo	SK6-9403
Ark	Packard Assoc	Love Field Air Term Bldg. Dallas, Tex	FL7-5713
Cal	Charles A Hansen	1406 S Grand Ave. Los Angeles	RI6-6191
Cal	Lebell-Warren Assoc	1667 Laurel Ave. San Carlos	LY3-7688
Cal	Lebell-Warren Associates	1485 Bayshore Blvd, San Francisco, Cal	JU6-7711
Colo	Allen I Williams Co	2263 Albion St, Denver, Colo	SK6-9403
Conn	Ray Perron & Co., Inc	36 Louis St, Trumbull, Conn	AM8-9631
Del	Robert Madsen Co	22 Dumbar Dr, Summit, NJ	CR3-8320
Fla	Components Sales Corp	1825 NE 164th St. N Miami Beach	WI5-7721
Fla	Components Sales Corp	1163 NE 36th Ave. St Petersburg	7-7904
Idaho	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA2-1818
Ill	Saffro & Associates	5209 N. Kimball Ave, Chicago 25, Ill	JU8-0905
Ind	Saffro & Associates	5209 N. Kimball Ave, Chicago 25, Ill	JU8-0905
Iowa	Anderson & Associates	3825 York Ave, N. Minneapolis 2, Minn	JU8-2523
Kan	Allen I Williams Co	2263 Albion St, Denver, Colo	SK6-9403
Ky	Scott & Steffen Co., Inc	336 Francis Bldg, Louisville 2, Ky	JU3-3220
La	Packard & Associates	Love Field Terminal Bldg, Dallas, Tex	FL7-5713
Me	Ray Perron & Co., Inc	1870 Centre St, Boston, Mass	FA3-1008
Md	Robert Madsen	22 Dunder Dr, Summit, NJ	CR3-8320
Mass	Ray Perron & Co., Inc	1870 Centre St, Boston, Mass	FA3-1008
Mich	Saffro & Associates	5209 N. Kimball Ave, Chicago 25, Ill	JU8-0905
Minn	Anderson & Associates	3825 York Ave, N. Minneapolis 22, Minn	JU8-2523
Mo	F J Bullivant	1913 Washington Ave, St. Louis, Mo	CH1-6510
Mont	Fred H Haight	3212 Eastlake Ave, Seattle 2, Wash	EA2-1818
Neb	Allen I Williams	2263 S. Albion St, Denver 22, Colo	SK6-9403
NH	Ray Perron & Co., Inc	1870 Centre St, Boston 32, Mass	FA3-1008
NJ	Robert Madsen	22 Dunder Dr, Summit, NJ	CR3-8320
NM	Allen I Williams Co	2263 S. Albion St, Denver 22, Colo	SK6-9403
NY	Edward A Ossmann & Assoc	830 Linden Ave. Rochester	LU6-4904
NY	Edward A Ossmann & Assoc	2363 James St. Syracuse	HE7-8446
NY	Edward A Ossmann & Assoc	149 Front St. Vestal	ST5-0296
ND	Anderson & Associates	3825 York Ave, N. Minneapolis 22, Minn	JU8-2523
Ohio	Scott & Steffen Inc	1836 Euclid Ave, Cleveland, Ohio	TO1-2626
Okla	Packard & Associates	Love Field Terminal Bldg, Dallas 35, Tex	FL7-5713
Ore	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA2-1818
Pa	Robert Madsen	22 Dunder Dr, Summit, NJ	CR3-8320
Pa	Scott & Steffen Inc	1836 Euclid Ave, Cleveland, Ohio	TO1-2626
RI	Ray Perron & Co., Inc	1870 Centre St, Boston 32, Mass	FA3-1008
SD	Anderson & Associates	3825 York Ave, N. Minneapolis, Minn	JU8-2523
Tex	Packard Associates	Love Field Terminal Bldg, Dallas 35, Tex	FL7-5713
Utah	Allen I Williams Co	2263 S. Albion St, Denver, Colo	SK6-9403
Vt	Ray Perron & Co., Inc	1870 Centre St, Boston 32, Mass	FA3-1008
Wash	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA2-1818

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
W Va	Scott & Steffen, Inc	1836 Euclid Ave. Cleveland, Ohio	TO1-2626
Wisc	Saffro & Associates	5209 N. Kimball Ave, Chicago 25, Ill	JU8-0905
Wyo	Allen I Williams Co	2263 S. Albion St, Denver 22, Colo	SK6-9403
	BEEMER ENGINEERING CO	**Ind Park, Fort Washington, Pa**	**MI6-8440**
	H Silcox *45 D 175-1120		
NJ	Beemer Eng Co	1665 Morris Ave. Union	MU6-0834
NY	P B Eyre	67 Oak Grove Dr. Buffalo 21	NF2-4363
NY	H N Clark	830 Linden Ave. Rochester 25	LU6-0371
NY	Beemer Engineering Co	Chanin Bldg, New York 17, NY	OX7-[illegible]
NY	C L Martin	De Witt, New York	GI6-2540
Va	Apex Machine Mfg Co	216 S. 5th St, Richmond, Va	MI3-6709
	BEHLMAN ENGINEERING CO	**2911 Winona Ave, Burbank, Cal**	**VI9-5733**
	E Bertolet #6 *100 E		
Ala	Cain & Co	410 150th Ave. St Petersburg 8, Fla	WA1-0151
Ariz	T Louis Snitzer	5354 W. Pico Blvd, Los Angeles 19, Cal	WE8-2074
Ariz	T Louis Snitzer	7814 Ivanhoe Ave, La Jolla, Cal	GL4-2191
Cal	T Louis Snitzer Co	5354 W. Pico Blvd, Los Angeles 19, Cal	WE8-2074
Cal	T Louis Snitzer Co	7814 Ivanhoe Ave, La Jolla, Cal	GL4-2191
Cal	T Louis Snitzer Co	510 S. Mathilda Ave, Sunnyvale, Cal	RE6-6733
Colo	Cain & Co	1437 San Mateo, NE, Albuquerque, NM	268-5300
Conn	Cain & Co	10 Columbus Circle, New York 19, NY	PL7-8877
Del	Cain & Co	734 15th St. NW, Washington 5, DC	EX3-7587
DC	Cain & Co	734 15th St. NW, Washington 5	EX3-7587
Fla	Cain & Co	410 150th Ave. St Petersburg 8	WA1-0151
Ga	Cain & Co	410 150th Ave. St Petersburg 8, Fla	WA1-0151
Idah	Cain & Co	7736 33rd, NE, Seattle 15, Wash	MA3-3303
Ill	Cain & Co	3508 Devon Ave. Chicago 45	OR6-9500
Ind	Cain & Co	3508 Devon Ave. Chicago 45, Ill	OR6-9500
Iowa	Cain & Co	3508 Devon Ave. Chicago 45, Ill	OR6-9500
Kan	Cain & Co	3508 Devon Ave. Chicago 45, Ill	OR6-9500
Ky	Cain & Co	Box 184, Yellow Springs, Ohio	RO7-8661
La	Cain & Co	203 Linda Ln. Irving, Tex	BL5-2050
Me	Cain & Co	1644 Massachusetts Ave. Lexington, Mass	VO2-5330
Md	Cain & Co	734 15th St. NW, Washington 5, DC	EX3-7587
Mass	Cain & Co	1644 Massachusetts Ave. Lexington	VO2-5330
Mich	Cain & Co	3508 Devon Ave. Chicago 45, Ill	OR6-9500
Minn	Cain & Co	3508 Devon Ave. Chicago 45, Ill	OR6-9500
Miss	Cain & Co	203 Linda Ln. Irving, Tex	BL5-2050
Mo	Cain & Co	3508 Devon Ave. Chicago 45, Ill	OR6-9500
Mont	Cain & Co	7736 3rd, NE, Seattle 15, Wash	MA3-3303
Neb	Cain & Co	3508 Devon Ave. Chicago 45, Ill	OR6-9500
Nev	T Louis Snitzer Co	5354 W. Pico Blvd, Los Angeles 19, Cal	WE8-2074
NH	Cain & Co	1644 Massachusetts Ave. Lexington, Mass	VO2-5330
NJ	Cain & Co	10 Columbus Circle, New York 19, NY	PL7-8877
NM	Cain & Co	1437 San Mateo, NE, Albuquerque	268-5300
NY	Cain & Co	10 Columbus Circle, New York 19	PL7-8877
NC	Cain & Co	410 150th Ave. St Petersburg 8, Fla	WA1-0151
ND	Cain & Co	3508 Devon Ave. Chicago 45, Ill	OR6-9500
Ohio	Cain & Co	Box 184, Yellow Springs	RO7-8661
Okla	Cain & Co	203 Linda Ln. Irving, Tex	BL5-2050
Ore	Cain & Co	7736 3rd, NE, Seattle 15, Wash	MA3-3303
Pa	Cain & Co	1107 Green Briar Rd. Haddonfield, NJ	HA8-3700
Pa	Cain & Co	Box 184, Yellow Springs, Ohio	RO7-8661
RI	Cain & Co	1644 Massachusetts Ave. Lexington, Mass	VO2-5330
SC	Cain & Co	410 150th Ave. St Petersburg 8, Fla	WA1-0151
SD	Cain & Co	3508 Devon Ave. Chicago 45, Ill	OR6-9500
Tenn	Cain & Co	410 150th Ave. St Petersburg 8, Fla	WA1-0151
Tex	Cain & Co	203 Linda Ln. Irving	BL5-2050
Utah	Cain & Co	1437 San Mateo, NE, Albuquerque, NM	268-5300
Vt	Cain & Co	1544 Massachusetts Ave. Lexington, Mass	VO2-5330
Va	Cain & Co	734 15th St. NW, Washington 5, DC	EX3-7587
Wash	Cain & Co	7736 33rd, NE, Seattle 15	MA3-3303
W Va	Cain & Co	Box 184, Yellow Springs, Ohio	RO7-8661
Wis	Cain & Co	3508 Devon Ave. Chicago 45, Ill	OR6-9500
Wyo	Cain & Co	1437 San Mateo, NE, Albuquerque, NM	268-5300
Can	Electromechanical Products	Markham Rd. Agincourt, Ont	AX3-7011
	BEKEY ELECTRIC DIV GENISCO INC	**2245 Federal Ave, Los Angeles 64, Cal**	**GR8-1276**
	895-1165		
Ariz	Richard M Mays	Box 3344, El Paso, Tex	LY8-2982
Colo	Kemco Inc	6427 E. Kellogg Ave, Wichita 18, Kan	MU4-8224
Conn	Test Equipment Sales Co	26-49 Northern Blvd, Long Island City, NY	ST4-7120
Del	Test Equipment Sales Co	4447 N. Bodine St, Philadelphia 40, Pa	DA9-1822
DC	Test Equipment Sales Co	4447 N. Bodine St, Philadelphia 40, Pa	DA9-1822
Idaho	Harry Levinson Co	1117 Second Ave, Seattle 1, Wash	MA2-5433
Ill	Loren F Green & Associates	5218 W. Diversey Ave, Chicago 39, Ill	PA5-6824
Ind	Loren F Green & Associates	5218 W. Diversey Ave, Chicago 39, Ill	PA5-6824
Iowa	Loren F Green & Assoc	5218 W. Diversey Ave, Chicago 39, Ill	PA5-6824
Iowa	Kemco Inc	6427 E. Kellogg Ave, Wichita 18, Kan	MU4-8224
Kan	Kemco Inc	6427 E. Kellogg Ave, Wichita 18, Kan	MU4-8224
Me	Test Equipment Sales Co	26-49 Northern Blvd, Long Island City, NY	ST4-7120
Md	Test Equipment Sales Co	4447 N. Bodine St, Philadelphia 40, Pa	DA9-1822
Mass	Test Equipment Sales Co	26-49 Northern Blvd, Long Island City, NY	ST4-7120
Mo	Kemco Inc	6427 E. Kellogg Ave, Wichita 18, Kan	MU4-8224
Neb	Kemco Inc	6427 E. Kellogg Ave, Wichita 18, Kan	MU4-8224
NH	Test Equipment Sales Co.	29-46 Northern Blvd, L I City, NY	ST4-7120
NJ	Test Equipment Sales Co	4447 N. Bodine St, Phila 40, Pa	DA9-1822
NM	R A Mayes Co	Box 3344, El Paso, Tex	LY8-2982
NY	Test Equipment Sales Co.	29-46 Northern Blvd, L I City, NY	ST4-7120
Okla	Kemco Inc	6427 E. Kellogg Ave, Wichita 18, Kan	MU4-8224
Ore	Harry Levinson Co	1117 Second Ave, Seattle 1, Wash	MA2-5433
Pa	Test Equipment Sales Co	4447 N. Bodine St, Philadelphia 40, Pa	DA9-1822
RI	Test Equipment Sales Co	29-46 Northern Blvd, Long Island City 1	ST4-7120
Tex	Kemco Inc	1618 W. Sixth St, Irving, Tex	FL1-5900
Tex	R A Mayes Co	Box 3344, El Paso, Tex	LY8-2982
Utah	Kemco Inc	6427 E. Kellogg Ave, Wichita 18, Kan	MU4-8224
Vt	Test Equipment Sales Co.	29-46 Northern Blvd, L I City, NY	ST4-7120
Va	Test Equipment Sales Co	4447 N. Bodine St, Philadelphia 40, Pa	DA9-1822
Wash	Harry Levinson Co	1117 Second Ave, Seattle 1, Wash	MA2-5433
Wisc	Loren F Green & Associates	5218 W. Diversey Ave, Chicago 39, Ill	PA5-6824
•	**BELDEN MFG CO**	**415 S. Kilpatrick, Chicago, Ill**	**ES8-1000**
	D Walsh #15 *1680 G 190-1960		

• INDICATES ADVERTISERS IN THIS ISSUE

FOR EXPLANATION OF SYMBOLS # * A 15 SEE PG. M

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	BELFAB CORP	**Municipal Airport, Daytona Beach, Fla**	**CL3-0628**
	D Ford #4 *60 D 28-360-390-895		
Conn	E J McCarthy	1465 Dixwell Ave. Hamden	AT8-2656
Minn	Fred Peterson Co	2431 Hennepin Ave, Minneapolis, Minn	FR7-0325
NJ	E J McCarthy	1465 Dixwell Ave. Hamden, Conn	AT8-2656
NY	E J McCarthy	1465 Dixwell Ave. Hamden, Conn	AT8-2656
Pa	E J McCarthy	1465 Dixwell Ave. Hamden, Conn	AT8-2656
Wis	Fred Peterson Co	2431 Hennepin Ave. Mnpls, Minn	FR7-0325
	BEL FUSE INC	**198 Van Vorst St, Jersey City, NJ**	**HE2-0443**
	315-320-450-740		
	BELL AEROSPACE CORP	**Box 1, Buffalo 5, NY**	**BU5-7851**
	35-250-330-360-775-780-895-1135-1300-1340-1395-1550-1555-1610-1850-1920		
Cal	Bell Aerospace Corp	8929 S. Sepulveda Blvd. LA 45	
DC	Bell Aerospace Corp	1000 Connecticut Ave. NW, Washington 6	
Ohio	Bell Aerospace Corp	131 N. Ludlow St. Dayton 2	
	BELL & GOSSETT CO	**8202 N. Austin Ave, Morton Grove, Ill**	**OR3-3700**
	325-330-340-895-1460		
	BELL INC., F W	**1356 Norton Ave, Columbus 12, Ohio**	**AX4-4906**
	C Mooney #7 *22 C 240-280-330-895-960-980-1005-1125-1150-1295-1690		
Ariz	Paul Nurches Co	2396 E. Foothill Blvd. Pasadena, Cal	MU1-8957
Ark	Carey-Wolf Co	6000 Camp Bowie Blvd. Ft. Worth, Tex	PE8-1702
Cal	Bill Kolans Co	219 Cal. Dr. Burlingame	DI4-7111
Cal	Paul Nurches Co	2396 E. Foothill Blvd. Pasadena	MU1-8957
Colo	Gordon Moss Electronics Inc	1530 13th Ave. Greeley	EL3-1472
Conn	Electronic Components & Services	30 Huntington Ave. Boston 16, Mass	KE6-8581
DC	J R Graves & Assoc	554 Washington Bldg	ST3-8393
Idah	Gordon Moss Electronics Inc	1530 13th Ave. Greeley, Colo	EL3-1472
Ill	R Edward Stemm Inc	5681 W. Lake St. Chicago 44	ES9-2700
Ind	R Edward Stemm Inc	5681 W. Lake St. Chicago 44, Ill	ES9-2700
Iowa	R Edward Stemm Inc	5681 W. Lake St. Chicago 44, Ill	ES9-2700
Ky	Dayton Assoc	Talbott Tower, Dayton 2, Ohio	BA3-9621
La	Carey-Wolf Co	600 Camp Bowie Blvd. Ft. Worth, Tex	PE8-1702
Me	Electronic Components & Services	30 Huntington Ave. Boston, Mass	KE6-8581
Mass	Electronic Components & Services	30 Huntington Ave. Boston, Mass	KE6-8581
Mich	Dayton Assoc	Talbott Tower, Dayton 2, Ohio	BA3-9621
Minn	R Edward Stemm Inc	5681 W. Lake St. Chicago 44, Ill	ES5-7172
Mo	R Edward Stemm Inc	5681 W. Lake St. Chicago 44, Ill	ES9-2700
Mont	Gordon Moss Electronics Inc	1530 13th Ave. Greeley, Colo	EL3-1472
Neb	Gordon Moss Electronics Inc	1530 13th Ave. Greeley, Colo	EL3-1472
Nev	Paul Nurches Co	2396 E. Foothill Blvd. Pasadena, Cal	MU1-8957
NH	Electronic Components & Services	30 Huntington Ave. Boston, Mass	KE6-8581
NJ	Rever Assoc	600 Old County Rd. Garden City, NY	PI1-3811
NM	Gordon Moss Electronics Inc	1530 13th Ave. Greeley, Colo	EL3-1472
NY	Rever Assoc	600 Old County Rd. Garden City	PI1-3811
NY	P Saffler Assoc	157 W. 57th St. NY	CI7-3855
Ohio	Dayton Assoc	Talbott Tower, Dayton 2	BA3-9621
Okla	Carey-Wolf Co	5060 Camp Bowie Blvd. Ft. Worth, Tex	PE8-1702
Pa	Dayton Assoc	Talbott Tower, Dayton 2, Ohio	BA3-9621
RI	Electronic Components & Services	30 Huntington Ave. Boston, Mass	KE6-8581
Tex	Carey-Wolf Co	6000 Camp Bowie Blvd. Ft. Worth	PE8-1702
Utah	Gordon Moss Electronics Inc	1530 13th Ave. Greeley, Colo	EL3-1472
Vt	Electronic Components & Services	30 Huntington Ave. Boston 16, Mass	KE6-8581
Va	Dayton Assoc	Talbott Tower Dayton 2, Ohio	BA3-9621
Wis	R Edward Stemm Inc	5681 W. Lake St. Chicago 44, Ill	ES9-2700
Wyo	Gordon Moss Electronics Inc	1530 12 Ave. Greeley, Colo	EL3-1472
Can	Conway Electronics Enterprises	1513 Eglinton Ave. W. Toronto Ont	RU3-6576
For	Joseph Plasencia Inc	401 Broadway, NY 13, NY	WA5-3410
	BELL & HOWELL CO	**7100 McCormick Rd, Chicago 45, Ill**	
	895-1435		
	BELL SOUND DIV TRW INC	**555 Marion Rd, Columbus, Ohio**	**HI3-7675**
	H Desmond #20 *262 E 895-1255-1370-1425-1675-1750-1895		
Ala	Cartwright & Bean	560 S Cooper, Memphis 4, Tenn	BR6-4442
Alaska	Dale G Weber	8 S. E. Clay St. Portland 14, Ore	BE4-7671
Ariz	William E Bassett	12045 Magnolia, N. Hollywood, Cal	TR7-7129
Ark	Cartwright & Bean	560 S Cooper, Memphis 4, Tenn	BR6-4442
Cal	F W Moulthrop Co	1530 E 12th, Oakland	AN1-7676
Cal	William E Bassett	12045 Magnolia Blvd, N. Hollywood, Cal	TR7-7129
Colo	Gordon G Moss	P.O. Box 428, Greeley, Colo	EL3-1452
Conn	Hal Kellar	653 Ferne Blvd. Drexel Hill, Pa	CL9-6758
Del	Hal Kellar	653 Ferne Blvd, Drexel Hill, Pa	CL9-6758
DC	Hal Kellar	653 Ferne Blvd, Drexel Hill, Pa	CL9-6758
Fla	Edward T Crane	8790 SW 9th, Miami 44	CA1-4388
Ga	Cartwright & Bean	560 S Cooper, Memphis 4, Tenn	BR6-4442
Idaho	Dale G Weber	8 S.E. Clay St. Portland 14, Ore	BE4-7671
Ill	William S Doyle	7002 N. Western Ave, Chicago, Ill	RO1-3130
Ind	Robert O Whitesell	6620 E. Washington St, Indianapolis, Ind	FL9-5374
Ky	H H Seay	3350 Fairlington, Columbus 21, Ohio	HU8-9994
Ky	Robert O Whitesell	6620 E. Washington, Indianapolis, Ind	FL9-5374
La	Cartwright & Bean	560 S Cooper, Memphis 4, Tenn	BR6-4442
Me	Hal Kellar	653 Ferne Blvd. Drexel Hill, Pa	CL9-6758
Md	Hal Kellar	653 Ferne Blvd, Drexel Hill, Pa	CL9-6758
Mass	Hal Kellar	653 Ferne Blvd. Drexel Hill, Pa	CL9-6758
Mich	Dan Neumaier	1442 SE Elliott, Grand Rapids	GL2-8827
Minn	Mel E Foster	2402 Hennepin Ave, Minneapolis, Minn	FR4-2612
Miss	Cartwright & Bean	560 S Cooper, Memphis, Tenn	BR6-4442
Mont	Dale G Weber	8 S.E. Clay St, Portland 14, Ore	BE4-7671
Neb	Gordon Moss	P.O. Box 428, Greeley, Colo	EL3-1452
Nev	F W Moulthrop Co	1530 E 12th, Oakland, Cal	AN1-7676
Nev	William E Bassett	12045 Magnolia, N. Hollywood, Cal	TR7-7129
NH	Hal Kellar	653 Ferne Blvd. Drexel Hill, Pa	CL9-6758
NJ	Hal Kellar	653 Ferne Blvd, Drexel Hill, Pa	CL9-6758
NM	Gordon Moss	P.O. Box 428, Greeley, Colo	EL3-1452
NY	Gil Demsky	757 Empire Blvd. Brooklyn	PR3-4483
NY	R W Mitscher Co	487 Ellicott Square Bldg, Buffalo 3, NY	WA2517
NC	Cartwright & Bean	560 S Cooper, Memphis 4, Tenn	BR6-4442
ND	Mel E Foster	2402 Hennepin, Minneapolis, Minn	FR4-2612
Ohio	H H Seay	3350 Fairlington, Columbus 21, Ohio	HU8-9994
Okla	Ray Williams	816 Ryan Rd. Dallas, Tex	FR1-7357
Ore	Dale Weber	8 S.E. Clay St, Portland 14, Ore	BE4-7671
Pa	Hal Kellar	653 Ferne Blvd, Drexel Hill, Pa	CL9-6758
Pa	H H Seay	3350 Fairlington, Columbus, Ohio	HU8-9994
Pa	Mitscher Co	487 Ellicott Square Bldg, Buffalo 3, NY	WA2517
RI	Hal Kellar	653 Ferne Blvd. Drexel Hill, Pa	CL9-6758
SC	Cartwright & Bean	560 S Cooper, Memphis 4, Tenn	BR6-4442
SC	Cartwright & Bean	1336 Madison Ave, Memphis 4, Tenn	BR5-1914
SD	Mel E Foster	2402 Hennepin, Minneapolis, Minn	FR4-2612
Tenn	Cartwright & Bean	560 S Cooper, Memphis 4	BR6-4442
Tex	Ray Williams	816 Ryan Rd. Dallas	FR1-7357
Tex	Gordon G Moss	P.O. Box 428, Greeley, Colo	EL3-1452
Utah	Gordon G Moss	P.O. Box 428, Greeley, Colo	EL3-1452
Vt	Hal Kellar	653 Ferne Blvd. Drexel Hill, Pa	CL9-6758
Va	Hal Kellar	653 Ferne Blvd, Drexel Hill, Pa	CL9-6758
Wash	Dale Weber	8 S.E. Clay St, Portland 14, Ore	BE4-7671
W. Va	H H Seay	3350 Fairlington, Columbus 21, Ohio	HU8-9994
Wisc	Mel Foster	2402 Hennepin, Minneapolis, Minn	FR4-2612
Wisc	William Doyle	7002 N. Western, Chicago, Ill	RO1-3130
Wyo	Gordon G Moss	P.O. Box 428, Greeley, Colo	EL3-1452
	BELLAIRE ELECTRONICS INC	**62 White St, Red Bank, NJ**	**SH1-0303**
	S Lipman #1 *20 C 895-1135-1200-1730-1855		
	BELLANDI CO., INC M	**7508 W. Grand Ave, Elmwood Park, Ill**	**GL6-5950-1**
	280-615-1240-1295-1530		
Ill	Jack Douglas-Nick Del Re	7508 W. Grand Ave, Elmwood Park 35, Ill	GL6-5950-1
	BELMONT SMELTING & REFINING WORKS	**332 Belmont Ave, Brooklyn 7, NY**	**DI2-4900**
	G Henning #8 *100 E 700-1005-1120-1125-1350-1575-1635-1940		
	BELOCK INSTRUMENT CORP	**112-03 14th Ave, College Point, NY**	**HI5-4200**
	J Donati #125 *1000 G 250-330-340-780-1135		
Cal	F Coleman	56 Arabollo Dr. SF	JU5-9462
NY	Belock Instrument Corp	360 Lexington Ave. NY City	YU6-1313
	BEL-TRONICS CORP	**Industrial Ave. Addison, Ill**	**KI3-7777**
	T Wright #3 *120 D 320-1855		
	BELZ INDUSTRIES, INC	**89 Union St. Mineola, NY**	**PI2-1010**
	E Bell #1 *50 D 25-1135		
Cal	Davis Ind	111 N. LaCienega Blvd. Beverly Hills	OL2-6300
Colo	Davis Ind	655 Broadway, Denver	TA5-1329
Del	Harry J White Co. Inc	204 W. Penna. Ave. Towson, Md	VA8-6373
Md	Harry J White Co. Inc	204 W. Penna. Ave. Towson	VA8-6373
Mass	Fred Donahue	Box 713, Lowell	GL8-1972
NJ	Harry J White Co. Inc	121 Covered Bridge Rd. Haddonfield	HA8-2304
NC	Harry J White Co. Inc	204 W. Pennsylvania Ave. Towson, Md	VA8-6373
Wash	Davis Ind	910 5th Ave. Seattle	
	BEMCO INC	**11631 Vanowen St, North Hollywood, Cal**	**TR7-5339**
	250		
Kan	Kemco Inc	6427 E. Kellogg, Wichita, Kan	MU4-8224
Tex	Kemco Inc	1613 W. Sixth St, Irving, Tex	FL1-5900
Tex	R A Mayes Co	7804 Bois D'Arc, El Paso, Tex	LY8-2982
Wash	Remco Inc	321 E. 45th St, Seattle 5, Wash	ME3-5858
	BEMIS BRO BAG CO	**111 N. 4th St, P.O. Box 70, St. Louis 2, Mo**	**CH1-0900**
	H Howes #60 *8300 G 965-1190-1220-1225-1230-1290-1295-1890		
Ala	J A Kerr	P.O. Box 1110, Mobile 6, Ala	HE2-8731
Ariz	R G Diard	2202 W. McDowell Rd, Phoenix, Ariz	AL2-2222
Cal	R E Revelle	920 E Pacific Coast Hwy, Wilmington	TE5-3111
Cal	A H Silvermail	38033 Cherry Rd, Newark	SY7-3900
Colo	B J Schultz	426 Guaranty Bank Bldg, Denver 2, Colo	TA5-6348
Idaho	L P Semper	716 N. Eastern Ave, Idaho Falls, Idaho	JA3-0546
Ill	W F Mulvaney	110 N. Wacker Dr, Chicago 6, Ill	FL6-6633
Ind	D A Clarke	1940 Barthe Ave, Indianapolis 7, Ind	ST4-2411
Kan	W A Saunders	130 & Wabash, Wichita 14, Kan	HO4-4321
La	A L Meyer	330 Notre Dame St, New Orleans 12, La	TU8361
Md	Stewart Eckers	312-A Wyndhurst Ave, Baltimore 10, Md	ID5-3900
Mass	A Locke	40 Central St, Boston 9, Mass	LA3-3010
Mich	D E Prim	12736 FenKell, Detroit 27, Mich	UN3-7074
Minn	W H Ditlon	604 S. 4th St, Minneapolis 15, Minn	FE8-8831
Mo	R B Windhorst	600 S. 4th St, St. Louis 2, Mo	MA1-5070
Neb	L A Rowden	618 S 11th St, Omaha 8	AT2711
NY	J B Goolsby	Suite 1370, 60 E. 42nd St, New York 17, NY	MU7-8840
NC	E P Fuller	Box 9145, Plaza Sta, Charlotte 5	ED2-1780
Okla	J W Manson	502 Commerce Exch Bldg, Oklahoma City	CE2-1348
Tenn	D H Woodhouse	Box 2566, De Soto Station, Memphis	WH8-5591
Tex	L W Chenault	2002 Lyons Ave, Houston 10, Tex	CA5-1621
Utah	W H Swanson	110 Walker Bank Bldg, Salt Lake City 1, Utah	
Va	R W Lahey Jr	1037 W. 26th St, Norfolk 17, Va	MA2-8843
Wash	E G Muir	65 Atlantic St, Seattle 4	MA3-0660
	BENCO TELEVISION ASSOC LTD	**27 Tabor Rd, Rexdale, Ontario, Canada**	**CH4-4296**
	H Grey #4 *40 D 45-50-190-325-345-385-670-895-1045-1135-1425-1855		
NJ	Blonder-Tongue Laboratories	9 Alling St, Newark	
	BENDIX CORP. BENDIX RADIO DIV	**Baltimore 4, Md**	**VA3-2200**
	E King #450 *5200 325-1395-1425-1870		
Cal	Bendix Radio Div	10500 Magnolia Blvd, N. Hollywood, Cal	PO1-6159
Colo	Lee M Singer	101 Barnes St, Colorado Springs, Colo	ME5-2539
Md	E A King	E. Joppa Rd, Baltimore 4, Md	VA3-2200
Mich	V C Judd	24616 Michigan Ave, Dearborn, Mich	CR8-5050
NJ	Bret B Castle	43 W. Front St, Red Bank, NJ	SH7-0437
NY	Robert E Burns	316 W. Embargo St, Rome, NY	RO3370
Ohio	Donald N Priddy	1300 Hulman Bldg, Dayton 2, Ohio	BA6-2341
Pa	Verner E Goodchem	536 Atterbury Rd, Villanova, Pa	MU8-1151
Wash	Henry L Woodson	1701 K St, N.W., Washington 6, DC	RE7-3118
	BENDIX CORP. CINCINNATI DIV	**3130 Wasson Rd. Cincinnati 8, Ohio**	**EL1-2323**
	S Russell 220-255-360-895-1075		
	BENDIX CORP. COMPUTER DIV	**5630 Arbor Vitae St. LA 45, Cal**	**OR0-3640**
	W McGuckin *700 338		
Ala	Richard F Walz	1511 Bryan St, Dallas 1, Tex	RI7-8805
Alaska	George J Vosatka	291 S. LaCienega Blvd, Beverly Hills, Cal	OL5-9610
Ariz	D W Patterson	Box 4333, University Sta. Tucson	AX8-5826
Ark	Richard F Walz	1511 Bryan St, Dallas 1, Tex	RI7-8805
Cal	George J Vosatka	291 S. LaCienega Blvd, Beverly Hills, Cal	OL5-9610
Cal	R P Segner	1330 Broadway, Oakland 12	GL2-3664
Colo	T J Klest	655 Broadway, Denver 3	AL5-1403
Conn	R P Fopeano	205 E. 42nd St. NY 17, NY	OR9-6990
Del	C W Armstrong	1000 Conn Ave. NW. Washington 6, DC	ST3-0311
DC	C W Armstrong	1000 Conn Ave. NW. Washington 6	ST3-0311
Fla	C W Armstrong	1000 Conn Ave. NW. Washington 6, DC	ST3-0311
Ga	C W Armstrong	1000 Conn Ave. NW. Washington 6, DC	ST3-0311
Hawaii	George J Vosatka	291 S. LaCienega Blvd, Beverly Hills, Cal	OL5-9610
Idaho	George J Vosatka	291 S. LaCienega Blvd, Beverly Hills, Cal	OL5-9610
Ill	Robert C Whiting	919 N. Michigan Blvd, Chicago 11, Ill	MI2-6692
Ind	Robert C Whiting	919 N. Michigan Blvd, Chicago 11, Ill	MI2-6692
Iowa	Robert C Whiting	919 N. Michigan Blvd, Chicago 11, Ill	MI2-6692
Kan	H D Lorch	3430 Broadway, KC 11	VA1-8681
Ky	Robert C Whiting	919 N. Michigan Blvd, Chicago 11, Ill	MI2-6692
La	Richard F Walz	1511 Bryan St, Dallas 1, Tex	RI7-8805
Me	R M Walls	607 Boylston St. Boston 16, Mass	CO2-9110
Md	C W Armstrong	1000 Conn Ave. Washington 6, DC	ST3-0311
Mass	R M Walls	607 Boylston St. Boston 16	CO2-9110
Mich	W Driedger	12950 W 8 Mile Rd. Detroit 37	JO6-8789
Minn	H D Lorch	3430 Broadway, KC 11, Mo	VA1-8681
Miss	Richard F Walz	1511 Bryan St, Dallas 1, Tex	RI7-8805
Mo	H D Lorch	3430 Broadway, KC 11	VA1-8681
Mont	T Klest	655 Broadway, Denver 3, Colo	AL5-1403
Mont	George J Vosatka	291 S. LaCienega Blvd, Beverly Hills, Cal	OL5-9610
Neb	H D Lorch	3430 Broadway, KC 11, Mo	VA1-8681
Nev	George J Vosatka	291 S. LaCienega Blvd, Beverly Hills, Cal	OL5-9610
NH	R M Walls	607 Boylston St. Boston 16, Mass	CO2-9110
NJ	R P Fopeano	205 E. 42nd St. NY 17, NY	OR9-6990
NM	R F Walz	1511 Bryant St. Dallas 1, Tex	RI7-8805
NY	Robert P Fopeano	205 E. 42nd St, New York 17, NY	OR9-6990
NC	C W Armstrong	1000 Conn Ave, Washington 6, DC	ST3-0311
ND	H D Lorch	3430 Broadway, KC 11, Mo	VA1-8681
Ohio	P P Buchynsky	55 Public Square, Cleve. 13	CH1-7789
Okla	Richard F Walz	1511 Bryan St, Dallas 1, Tex	RI7-8805
Ore	R P Segner	1330 Broadway, Oakland 12, Cal	GL2-3664
Pa	C W Armstrong	1000 Conn Ave. Washington 6, DC	ST3-0311
RI	R M Walls	607 Boylston St. Boston 16, Mass	CO2-9110
SC	C W Armstrong	1000 Conn Ave. Washington 6, DC	ST3-0311
SD	H D Lorch	3430 Broadway, KC 11, Mo	VA1-8681
Tenn	Richard F Walz	1511 Bryan St, Dallas 1, Tex	RI7-8805
Tex	Richard F Walz	1511 Bryan St, Dallas 1, Tex	RI7-8805
Utah	T Klest	655 Broadway, Denver 3, Colo	AL5-1403
Vt	R M Walls	607 Boylston St. Boston 16, Mass	CO2-9110
Va	C W Armstrong	1000 Conn Ave. Washington 6, DC	ST3-0311
Wash	R P Segner	1330 Broadway, Oakland 12, Cal	GL2-3664
W Va	C W Armstrong	1000 Conn Ave. Washington 6, DC	ST3-0311
Wis	R C Whiting	919 N. Michigan Ave. Chicago 11, Ill	MI2-6692
Wyo	T Klest	655 Broadway, Denver 3, Colo	AL5-1403
Foreign	Bendix International Div	205 E. 42nd St, New York 17, NY	MU3-1100
Can	Computing Devices of Canada	Box 508, Ottawa 4, Ont	TA8-2711
	BENDIX CORP., FRIEZ INSTRUMENT DIV	**1400 Taylor Ave. Baltimore 4, Md**	**VA5-5200**
	J Ritterhoff #50 *950 G 35-200-360-785-895-1735-1910		
Cal	Bendix West Coast Div	117 Providencia Ave, Burbank, Cal	VI9-3961
•	**BENDIX CORP. MONTROSE DIV**	**South Montrose, Pa**	**570**
	R Henry #75 G 20-35-330-360-550-895-1165-1470-1550-1555-1735-1745-1850		
Cal	Bendix West Coast	117 E. Providencia Ave, Burbank, Cal	
Canada	Aviation Electric Limited	200 Laurentien Blvd, Montreal, Quebec, Canada	
For	Bendix International	205 E 42nd St. New York, NY	MU3-1100
	BENDIX CORP. RED BANK DIV. SEMICONDUCTOR PRODS	**Holmdel, NJ**	**SH7-5400**
	R Meijer #5000 *50000 G 500-1445-1860		
Ariz	Bendix West Coast Sales	117 Providencia Ave, Burbank, Cal	VI9-3961
Ark	Bendix Semiconductor Products	2N565 York Rd. Elmhurst, Ill	BR9-5050
Cal	Bendix West Coast Sales	117 Providencia Ave, Burbank, Cal	VI9-3961
Colo	Process Eqpt Co	2549 W 29th Ave. Denver 11	GL5-4766
Colo	Bendix Semiconductor Products	2N565 York Rd. Elmhurst, Ill	BR9-5050
Conn	Bendix Semiconductor Products	114 Waltham St. Lexington, Mass	VO2-7650
DC	Bendix Semiconductor Products	1730 K St. NW, Wash 6	FE3-8200
Haw	Bendix Semiconductor Products	117 E Providencia Ave. Burbank, Cal	VI9-3961
Idah	Bendix Semiconductor Products	117 E Providencia Ave. Burbank, Cal	VI9-3961
Ill	Bendix Semiconductor Products	2N565 York Rd. Elmhurst, Ill	BR9-5050
Ind	Ray Welch Co	6346 Columbia, Hammond	WE2-4474
Ind	Bendix Semiconductor Products	2N565 York Rd. Elmhurst, Ill	BR9-5050
Ind	Bendix Semiconductor Products	12950 W 8 Mile Rd. Detroit 37, Mich	JO6-1420
Iowa	Bendix Semiconductor Products	2N565 York Rd. Elmhurst, Ill	BR9-5050
Kan	Bendix Semiconductor Products	2N565 York Rd. Elmhurst, Ill	BR9-5050
Ky	Bendix Semiconductor Products	2N565 York Rd. Elmhurst, Ill	BR9-5050
La	Bendix Semiconductor Products	2N565 York Rd. Elmhurst, Ill	BR9-5050
Me	Bendix Semiconductor Products	114 Waltham St. Lexington, Mass	VO2-7650
Mass	Bendix Semiconductor Products	114 Waltham St. Lexington	VO2-7650
Mich	Bendix Semiconductor Products	12950 W 8 Mile Rd. Detroit 37	JO6-1420
Minn	Bendix Semiconductor Products	2N565 York Rd. Elmhurst, Ill	BR9-5050
Miss	Bendix Semiconductor Products	2N565 York Rd. Elmhurst, Ill	BR9-5050
Mo	Bendix Semiconductor Products	2N565 York Rd. Elmhurst, Ill	BR9-5050
Mont	Bendix Semiconductor Products	117 E Providencia Ave. Burbank, Cal	VI9-3961
Neb	Bendix Semiconductor Products	2N565 York Rd. Elmhurst, Ill	BR9-5050
Nev	Bendix West Coast Sales	117 Providencia Ave, Burbank, Cal	VI9-3961
NH	Bendix Semiconductor Products	114 Waltham St. Lexington, Mass	VO2-7650
NM	Bendix Semiconductor Products	2N565 York Rd. Elmhurst, Ill	BR9-5050
ND	Bendix Semiconductor Products	2N565 York Rd. Elmhurst, Ill	BR9-5050
Ohio	Bendix Semiconductor Products	2N565 York Rd. Elmhurst, Ill	BR9-5050
Ohio	Bendix Aviation Corp	1900 Hulman Bldg. Dayton 2	BA6-2341
Ohio	Bendix Semiconductor Products	12950 W 8 Mile Rd. Detroit 37, Mich	JO6-1420
Okla	S A Halpine & Son Inc	310 W Easton, Tulsa 17	GI7-3488
Okla	Bendix Semiconductor Products	2N565 Rd. Elmhurst, Ill	BR9-5050
Ore	Bendix West Coast Sales	117 E Providencia Ave. Burbank, Cal	VI9-3961
RI	Bendix Semiconductor Products	114 Waltham St. Lexington, Mass	VO2-7650
SD	Bendix Semiconductor Products	2N565 York Rd. Elmhurst, Ill	BR9-5050
Tenn	Bendix Semiconductor Products	2N565 York Rd. Elmhurst, Ill	BR9-5050
Tex	Bendix Semiconductor Products	2N565 York Rd. Elmhurst, Ill	BR9-5050
Utah	Bendix West Coast Sales	117 Providencia Ave, Burbank, Cal	VI9-3961
Vt	Bendix Semiconductor Products	114 Waltham St. Lexington, Mass	VO2-7650
Wash	Bendix West Coast Sales	117 E Providencia Ave. Burbank, Cal	VI9-3961
Wis	Bendix Semiconductor Products	2N565 York Rd. Elmhurst, Ill	BR9-5050

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Wyo	Bendix West Coast Sales	117 E Providencia Ave, Burbank, Cal	VI9-3961
Foreign	Bendix International	205 E. 42 St, New York 17, NY	MU3-1100
Canada	Computing Dev of Canada Ltd	P.O. Box 590, Ottawa 4, Ontario	TA8-2711

BENDIX CORP YORK DIV ... York, Pa ... 47-1951
T Bartlett #125 *1,200 G

BENNETT LABORATORIES, INC ... 1475 Powell St, Emeryville 8, Cal ... OL5-9446
L Reyment #3 *25 D 40-910

TERR			TEL. NO.
Ala	Robert G Thomas	1404 Linda Vista Ln, Birmingham 9	LY2-4715
Alas	Samuel N Stroum	621 Michigan, Seattle 22, Wash	EA3-6117
Ariz	Jon Norbert	P.O. Box 1324, Tucson, Ariz	EA5-8581
Ark	Macrae Smith Co	P.O. Box 35113, Dallas, Tex	BL3-2006
Cal	Logan & Logan	254 12th St, San Francisco 3	UN3-0245
Conn	Paul W Nief	15 Oak St, Westport, Conn	
Del	Brendan C O'Hara	4952 Wynnefield Ave, Philadelphia 31, Pa	GR3-3654
DC	Brendan C O'Hara	4952 Wynnefield Ave, Philadelphia 31, Pa	GR3-3654
Ga	Robert G Thomas	1404 Linda Vista Ln, Birmingham 9, Ala	LY2-4715
Idah	Samuel N Stroum Co	621 Michigan, Seattle 22, Wash	EA3-6117
Ill	William Doyle Co	2600 W Touhy Ave, Chicago 45	BR4-6685
Ind	Bilray Organization	3615 Brownsboro Rd, Louisville, Ky	TW5-6369
Iowa	Arthur K Elliott Co	211 Westport Rd, Kansas City 11, Mo	LO1-9594
Kan	Arthur K Elliott Co	211 Westport Rd, Kansas City 11, Mo	LO1-9594
Ky	Bilray Organization	3615 Brownsboro Rd, Louisville, Ky	TW5-6369
La	Macrae Smith Co	P.O. Box 35113, Dallas, Tex	BL3-2006
Me	Paul W Nief	15 Oak St, Westport, Conn	
Md	Brendan C O'Hara	4952 Wynnefield Ave, Philadelphia 31, Pa	GR3-3654
Mass	Paul W Nief	15 Oak St, Westport, Conn	
Mich	Grant Shaffer Co	14241 Fenkell Ave, Detroit 27, Mich	BR3-5390
Minn	Clark R Gibb Co	2400 Hennepin Ave, Minneapolis 5, Minn	FR7-1200
Miss	Robert G Thomas	1404 Linda Vista Ln, Birmingham 9, Ala	LY2-4715
Mo	Arthur K Elliott Co	211 Westport Rd, Kansas City 11, Mo	LO1-9594
Neb	Arthur K Elliott Co	211 Westport Rd, Kansas City 11, Mo	LO1-9594
NH	Paul W Nief	15 Oak St, Westport, Conn	
NM	Jon Norbert	P.O. Box 1324, Tucson, Ariz	
NY	Steve Fisher	800 Greenwood Ave, Brooklyn 18, NY	CH2-5825
NC	Robert G Thomas	1404 Linda Vista Ln, Birmingham 9, Ala	LY2-4715
ND	Clark R Gibb Co	2400 Hennepin Ave, Minneapolis 5, Minn	FR7-1200
Ohio	John O Olsen Co	15201 Shaker Blvd, Cleveland 20, Ohio	SK2-5444
Okla	Macrae Smith Co	P.O. Box 35113, Dallas, Tex	BL3-2006
Ore	Samuel N Stroum Co	621 Michigan, Seattle 22, Wash	EA3-6117
Pa	John O Olsen Co	15201 Shaker Blvd, Cleveland 20, Ohio	SK2-5444
SC	Robert G Thomas	1404 Linda Vista Ln, Birmingham 9, Ala	LY2-4715
SD	Clark R Gibb Co	2400 Hennepin Ave, Minneapolis 5, Minn	FR7-1200
Tenn	Robert G Thomas	1404 Linda Vista Ln, Birmingham 9, Ala	LY2-4715
Tex	Macrae Smith Co	P.O. Box 35113, Dallas, Tex	BL3-2006
Vt	Paul W Nief	15 Oak St, Westport, Conn	
Wash	Samuel N Stroum Co	621 Michigan, Seattle 22	EA3-6117
W.Va	John O Olsen Co	15201 Shaker Blvd, Cleveland 20, Ohio	SK2-5444
Wis	William Doyle Co	2600 W Touhy Ave, Chicago 45, Ill	BR4-6685

BENNETT MFG CO. INC ... Railroad St. Alden, NY ... XF7-91
F Pipolo #4 *110 D 180-1245

TERR			TEL. NO.
Conn	C F Weller	151 Fenimore, Mamaroneck, NY	
Ind	Jack Francis	3707 N. Gladstone Ave. Indpls	
NY	J W Neudorfer	Box 698, Rochester	
SC	J A Waters	2518 Briarwood Dr. Burlington	

BENRUS WATCH CO. INC ... 30 Cherry Ave. Waterbury, Conn ... PL6-4621
N Slater #27 *500 G 190-265-325-895-945-1135-1340-1870

BENSON-LEHNER CORP ... 1860 Franklin, Santa Monica, Cal ... EX3-9921
200-338-340-365-430-895-1435

TERR			TEL. NO.
Ala	Benson-Lehner Corp	919 18th St, N.W. Washington 6, DC	EX3-6656
Conn	Benson-Lehner Corp	919 18th St, N.W. Washington 6, DC	EX3-6656
Del	Benson-Lehner Corp	919 18th St, N.W. Washington 6, DC	EX3-6656
DC	Benson-Lehner Corp	919 18th St, N.W. Washington 6, DC	EX3-6656
Fla	Benson-Lehner Corp	919 18th St, N.W. Washington 6, DC	EX3-6656
Ga	Benson-Lehner Corp	919-18th St, N.W. Washington 6, DC	EX3-6656
Idaho	Benson-Lehner Corp	300 S. Murphy St, Sunnyvale, Cal	RE9-5611
Ill	Benson-Lehner Corp	37-53 Park Ave, Dayton 19, Ohio	AX8-2722
Ind	Benson-Lehner Corp	37-53 Park Ave, Dayton 19, Ohio	AX8-2722
Iowa	Benson-Lehner Corp	37-53 Park Ave, Dayton 19, Ohio	AX8-2722
Ky	Benson-Lehner Corp	37-35 Park Ave, Dayton 19, Ohio	AX8-2722
Me	Benson-Lehner Corp	919-18th St, N.W. Washington 6, DC	EX3-6656
Md	Benson-Lehner Corp	919-18th St, N.W. Washington 6, DC	EX3-6656
Mass	Benson-Lehner Corp	919-18th St, N.W. Washington 6, DC	EX3-6656
Mich	Benson-Lehner Corp	37-53 Park Ave, Dayton 19, Ohio	AX8-2722
Minn	Benson-Lehner Corp	37-53 Park Ave, Dayton 19, Ohio	AX8-2722
Miss	Benson-Lehner Corp	919-18th St, N.W. Washington 6, DC	EX3-6656
Mont	Benson-Lehner Corp	300 S. Murphy St, Sunnyvale, Cal	RE9-5611
Nev	Benson-Lehner Corp	300 S. Murphy St, Sunnyvale, Cal	RE9-5611
NH	Benson-Lehner Corp	919-18th St, N.W. Washington 6, DC	EX3-6656
NJ	Benson-Lehner Corp	919-18th St, N.W. Washington 6, DC	EX3-6656
NY	Benson-Lehner Corp	919-18th St, N.W. Washington 6, DC	EX3-6656
NC	Benson-Lehner Corp	919-18th St, N.W. Washington 6, DC	EX3-6656
ND	Benson-Lehner Corp	919-18th St, N.W. Washington 6, DC	EX3-6656
Ohio	Benson-Lehner Corp	37-53 Park Ave, Dayton 19, Ohio	AX8-2722
Ore	Benson-Lehner Corp	300 S. Murphy St, Sunnyvale, Cal	RE9-5611
Pa	Benson-Lehner Corp	919-18th St, N.W. Washington 6, DC	EX3-6656
RI	Benson-Lehner Corp	919-18th St, N.W. Washington 6, DC	EX3-6656
SC	Benson-Lehner Corp	919-18th St, N.W. Washington 6, DC	EX3-6656
SD	Benson-Lehner Corp	37-53 Park Ave, Dayton 19, Ohio	AX8-2722
Tenn	Benson-Lehner Corp	919-18th St, N.W. Washington 6, DC	EX3-6656
Utah	Benson-Lehner Corp	300 S. Murphy St, Sunnyvale, Cal	RE9-5611
Vt	Benson-Lehner Corp	919-18th St, N.W. Washington 6, DC	EX3-6656
Va	Benson-Lehner Corp	919-18th St, N.W. Washington 6, DC	EX3-6656
Wash	Benson-Lehner Corp	300 S. Murphy St, Sunnyvale, Cal	RE9-5611
W. Va	Benson-Lehner Corp	919-18th St, N.W. Washington 6, DC	EX3-6656
Wisc	Benson-Lehner Corp	37-53 Park Ave, Dayton 19, Ohio	AX8-2722
Wyo	Benson-Lehner Corp	300 S. Murphy St, Sunnyvale, Cal	RE9-5611
Canada	Computing Dev of Canada Ltd	P.O. Box 590, Ottawa 4, Ontario, Can	TA8-2711
Foreign	Benson-France	1 rue Georges Mandel, Seine, France	TRO-59
Foreign	Benson-Lehner (G B) Ltd	W. Quay Rd, Southampton, England	502-7131

• **BENTLEY-HARRIS MFG CO** ... Conshohocken 13, Pa ... TA8-7600
E 1290-1890

TERR			TEL. NO.
Ala	Brownell, Inc	690 Murphy Ave. SW, Atlanta, Ga	
Ariz	Western Fibrous Glass Products Co	4423 Fruitland Ave, Los Angeles 58, Cal	
Cal	Western Fibrous Glass Products Co	4423 Fruitland Ave, Los Angeles 58, Cal	
Cal	C D LaMoree	2433 Birkdale St, Los Angeles 31, Cal	
Colo	Western Fibrous Glass Products Co	739 Bryant St, San Francisco 7, Cal	
Conn	Stockwell Technical Sales Co	Overbrook Dr. RFD 3, Vernon	
Del	Electrical Maintenance Equipment Co	915 N. Broad St, Philadelphia, Pa	
Fla	Brownell, Inc	307 27th St. Orlando	
Ga	Brownell, Inc	690 Murphy Ave. SW, Atlanta	
Idaho	Western Fibrous Glass Products Co	739 Bryant St, San Francisco 7, Cal	
Ill	H G Pretat Inc	4 N. Cicero Ave, Chicago, Ill	
Ill	A O Woerner & Sons	4030 Chouteau Ave, St. Louis 10, Mo	
Ind	H G Pretat Inc	2511 Drexel Ave, Ft. Wayne, Ind	
Iowa	H G Pretat Inc	4 N. Cicero Ave, Chicago 44, Ill	
Kan	Bossert Co	17th & Main Sts, Kansas City 8, Mo	
Ky	Gallagher Co	15 Ritchie Ave, Cincinnati 15, Ohio	
La	Brownell, Inc	690 Murphy Ave. SW, Atlanta, Ga	
Me	Stockwell Technical Sales Co	Overbrook Dr. RFD 3, Vernon, Conn	
Mass	Stockwell Technical Sales Co	Overbrook Dr. RFD 3, Vernon, Conn	
Mich	K B Martin	320 William Rd. Rochester	
Mich	H G Pretat	4 N Cicero Ave. Chicago 44, Ill	
Minn	E R Benson Co	2651 University Ave, St. Paul 14, Minn	
Miss	Brownell, Inc	690 Murphy Ave. SW, Atlanta, Ga	
Mo	A O Woerner & Sons	4030 Chouteau Ave, St. Louis 10, Mo	
Mo	Bossert Co	17th & Main Sts, Kansas City 8, Mo	
Mont	Western Fibrous Glass Products Co	739 Bryant St, San Francisco 7, Cal	
Neb	Bossert Co	17th & Main Sts. Kansas City 8, Mo	
Nev	Western Fibrous Glass Products Co	739 Bryant St, San Francisco 7, Cal	
NH	Stockwell Technical Sales Co	Overbrook Dr. RFD 3, Vernon, Conn	
NJ	Smith Co	15 Northfield Ave, W. Orange, NJ	
NJ	Electrical Maintenance Equipment Co	915 N. Broad St, Philadelphia, Pa	
NM	Western Fibrous Glass Products Co	4423 Fruitland Ave, Los Angeles 58, Cal	
NY	T J Crofton Associates	30 Rockefeller Plaza, New York 20, NY	
NY	A W Schmitz	82 St. Paul St, Rochester, NY	
NC	Brownell, Inc	690 Murphy Ave. SW, Atlanta, Ga	
Ohio	Consumers Rubber Co	410 Lakeside Ave, N.W., Cleveland, Ohio	
Ohio	Gallagher Co	15 Ritchie Ave, Cincinnati 15, Ohio	
Okla	John A Green Co	Box 911, Tulsa, Okla	
Ore	Western Fibrous Glass Products Co	1611 N.W. Northrup St, Portland 9, Ore	
Pa	A W Schmitz	82 St Paul St. Rochester, NY	
Pa	Consumers Rubber Co., The	410 Lakeside Ave. NW, Cleveland 13, Ohio	
Pa	Electrical Maintenance Equipment Co	915 N. Broad St, Philadelphia, Pa	
Pa	Insulation Systems	4110 Penn Ave, Pittsburgh 24, Pa	
RI	Stockwell Technical Sales Co	Overbrook Dr. RFD 3, Vernon, Conn	
SC	Brownell, Inc	690 Murphy Ave. SW, Atlanta, Ga	
Tenn	Brownell, Inc	690 Murphy Ave. SW, Atlanta, Ga	
Tex	John A Green Co	7118 Envoy Ct, Dallas 7, Tex	
Utah	Western Fibrous Glass Products Co	739 Bryant St. San Francisco 7, Cal	
Vt	Stockwell Technical Sales Co	Overbrook Dr. RFD 3, Vernon, Conn	
Wash	Western Fibrous Glass Prod Co	2915 1st Ave. S, Seattle 4	
Wis	R J Wittenburg Co	4805 W Center St. Milwaukee 10	
Wisc	H G Pretat Inc	4 N. Cicero Ave, Chicago 44, Ill	
Wyo	Western Fibrous Glass Products Co	739 Bryant St, San Francisco 7, Cal	
Canada	Paisley Products of Canada Ltd	36 Upton Rd, Scarborough, Ontario, Canada	

BERG MFG CORP ... 142 Rose Ave, New Cumberland, Pa ... CE8-9395
N Busehorg #10 *80 E 345-1075-1780-1785

TERR			TEL. NO.
Cal	Ulo Corms	PO Box 26, Ross	GL4-7286
Ill	Robert C Graham Agency	6272 W. North Ave, Chicago 39, Ill	ME7-4700
NY	Reed-Tollefson Corp	2815 Monroe Ave. Rochester	GR3-2767

BERGEN LABS INC ... 60 Spruce St, Paterson, NJ ... AR8-3020
F Seekamp #3 *28 C 360-365-895-915-1150-1340-1435-1455-1460-1850

TERR			TEL. NO.
Cal	J S Kempf	10304 Prairie Ave. Inglewood	OR4-2165
Del	M Leff Sales	11 Peppermint Ln, Levittown, NJ	TR7-4040
DC	M Leff Sales	11 Peppermint Ln, Levittown, NJ	TR7-4040
Fla	Mark Elec Sales	410 NE 147 Terrace, N. Miami	WI7-5080
Md	M Leff Sales	11 Peppermint Ln, Levittown, NJ	TR7-4040
Mo	G Fishman Eng. Co	8160 Stanford Ave. St. Louis	PA5-5219
NJ	E Nemeth Sales	13-08 Morlot Ave. Fair Lawn	SW7-7500
NY	E Nemeth Sales	3 Mercury Pl. Hicksville	PI6-3003
Ohio	Electro Com	627 Salem Ave. Cleve	TU6-2404
Pa	M Leff Sales	11 Peppermint Ln, Levittown, NJ	TR7-4040
Va	M Leff Sales	11 Peppermint Ln, Levittown, NJ	TR7-4040
Can	Electrodesign	9124 St. Lawrence Blvd. Montreal	SH9-6337

BERGEN WIRE ROPE CO ... 456 Gregg St, Lodi, NJ ... HU7-3521
185

TERR			TEL. NO.
Ala	Emmett Rushin	Box 486, Roswell, Ga	CE7-2971
Ariz	Herman Associates	Box 1179, Palo Alto, Cal	DA6-6033
Cal	G & R Engineering Inc	1566 E. Slauson Ave, Los Angeles 1, Cal	TO9-3036
Colo	Wilco Inc	228 S. Wichita, Wichita 2, Kan	AM5-5648
Conn	Herbert C Bowman	Oxford Rd, Goshen, NY	AX4-6805
Del	Blakeslee J K	8742 Stockwell Rd, Baltimore 14, Md	MU5-7700
DC	Blakeslee J K	8742 Stockwell Rd, Baltimore 14, Md	MU5-7700
Ga	Emmett Rushin	Box 486, Roswell, Ga	CE7-2971
Idaho	Howe, Arthur	4321 Linden St, Seattle 3, Wash	ME2-4814
Ill	Broadwell James P	7810 Forsyth, St. Louis 5, Mo	PA5-8700
Ind	Phister & Riggs Inc	Temple Bar Bldg, Cincinnati 2, Ohio	GA1-3850
Kan	Wilco Inc	228 S. Wichita, Wichita 2, Kan	AM5-5648
Ky	Phister & Riggs Inc	Temple Bar Bldg, Cincinnati 2, Ohio	GA1-3250
Me	Bowman Herbert C	Oxford Rd, Goshen, NY	AX4-6805
Md	Blakeslee J K	8742 Stockwell Rd, Baltimore 14, Md	MU5-7700
Mass	Bowman Herbert C	Oxford Rd, Goshen, NY	AX4-6805
Mich	Upstill James A	7338 Woodward Ave, Detroit	TR3-0820
Minn	Plowright Robert D	5843 W. Division St, Chicago 51, Ill	CO1-4357
Mo	Broadwell James P	7810 Forsyth, St. Louis 5, Mo	PA5-8700
Mont	Herman Associates	Box 1179, Palo Alto, Cal	DA6-6033
Nev	Herman Associates	Box 1179, Palo Alto, Cal	DA6-6033
NH	Bowman Herbert C	Oxford Rd, Goshen, NY	AX4-6805
NJ	Bowman Herbert C	Oxford Rd, Goshen, NY	AX4-6805
NM	Herman Associates	Box 1179, Palo Alto, Cal	DA6-6033
NY	Bowman Herbert C	Oxford Rd, Goshen, NY	AX4-6805
NY	Wares Richard	91 Woods Ave, Bergenfield, NJ	DU4-2132
Ohio	Phister & Riggs Inc	Temple Bar Bldg, Cincinnati 2, Ohio	GA1-3850
Ohio	Robert W Sisle & Assoc	2754 Westfall Rd, Cleveland 4, Ohio	SW1-3500
Okla	Wilco Inc	228 S. Wichita, Wichita 2, Kan	AM5-5648
Ore	Herman Associates	Box 1179, Palo Alto, Cal	DA6-6033
Pa	Burns John B	Box 38, Bidwell Sta, Buffalo, NY	EL-9711
Pa	Wares Richard	91 Woods Ave, Bergenfield, NJ	DU4-2132
RI	Bowman Herbert	Oxford Rd, Goshen, NY	AX4-6805
Tex	Waggoner C P Sales Co., Inc	Box 1107, Grand Prairie, Tex	AN2-2678
Utah	Herman Associates	Box 1179, Palo Alto, Cal	DA6-6033
Vt	Bowman Herbert C	Oxford Rd, Goshen, NY	AX4-6805
Va	Blakeslee J K	8742 Stockwell Rd, Baltimore 14, Md	MU5-7700
Wash	Herman Associates	Box 1179, Palo Alto, Cal	DA6-6033
W.Va	Blakeslee J K	8742 Stockwell Rd, Baltimore 14, Md	MU5-7700
Wyo	Herman Assoc	Box 1179, Palo Alto, Cal	DA6-6033

BERKELEY/DYNAMICS ... Box 1098, Burlingame, Cal ... DI3-8707
J Bullock 360

BERKELEY INSTRUMENT CO ... Box 146, Berkeley Heights, NJ ... FA2-1676
#1 *2 A 1460

BERKSHIRE LABORATORIES ... 11-30 Kingsford Rd. Hanover, NH ... 1292-W
B Wellman #1 *1 A 895-1855

TERR			TEL. NO.
Cal	C H Mitchell Co	9015 Wilshire Blvd, Beverly Hills, Cal	
NJ	Michael W Stollmack	17 Kinderkamack Rd. Emerson	CO1-2313
NY	Michael W Stollmack	17 Kinderkamack Rd. Emerson, NJ	CO1-2313

BERMAN LABORATORIES ... 112-03 Rockaway Blvd, Ozone Park, NY ... VI3-1045
S Berman A 895

BERNCO ENGINEERING CORP ... 2320 S. Tibbs Ave, Indianapolis, Ind ... CH1-2871
R Marsh #3 *15 1735-1810

TERR			TEL. NO.
Alas	James L Kearns Co. Inc	6055 NE Glisan St. Portland 13, Ore	BE6-2444
Ark	William E Brice Co	303 Bastrop St. Houston 3, Tex	CA2-7321
Cal	A W Nash Co	2112 S Atlantic Blvd. L A 22	AN97-304
Conn	Roland S Lee Co. Inc	50 Needham St. Newton Hglnds, Mass	DE2-4737
Fla	W Chester Smith	207 E Broward Blvd. Ft Lauderdale	JA4-7172
Idah	James L Kearns Co. Inc	6055 NE Glisan St. Portland 13, Ore	BE6-2444
Ind	John R Carlson Co	5744 Washington Blvd. Indpls 20	CL3-2676
Ky	Paul Teller Assoc	1022 Neeb Rd. Cincinnati 38, Ohio	WI1-1956
La	William E Brice Co	303 Bastrop St. Houston 3, Tex	CA2-7321
Me	Roland S Lee Co. Inc	50 Needham St. Newton Hglnds, Mass	DE2-4737
Mass	Roland S Lee Co. Inc	50 Needham St. Newton Hglnds	DE2-4737
Mich	Ramey Assoc	116 Wolcott Ave. Allegan	OR3-2145
NH	Roland S Lee Co. Inc	50 Needham St. Newton Hglnds, Mass	DE2-4737
NJ	E W Rowland Assoc	90 West St. New York 6, NY	WO4-7188
NY	E W Rowland Assoc	90 West St. New York 6	WO4-7188
Ohio	Edward E Bock & Assoc	3870 W 212th St. Cleveland 26	ED1-5212
Okla	William E Brice Co	303 Bastrop St. Houston 3, Tex	CA2-7321
Ore	James L Kearns Co. Inc	6055 NE Glisan St. Portland 13	BE6-2444
Pa	Edward E Bock & Assoc	3870 W 212th St. Cleveland 26, Ohio	ED1-5212
RI	Roland S Lee Co. Inc	50 Needham St. Newton Hglnds, Mass	DE2-4737
Tex	William E Brice Co	303 Bastrop St. Houston 3	CA2-7321
Vt	Roland S Lee Co. Inc	50 Needham St. Newton Hglnds, Mass	DE2-4737
Wash	James L Kearns Co. Inc	6055 NE Glisan St. Portland 13, Ore	BE6-2444
W Va	Paul Teller Assoc	1022 Neeb Rd. Cincinnati 38, Ohio	WI1-1956

BERYLLIUM CORP ... P.O. Box 1462, Reading, Pa ... WA9-0781
D Richards *1000 G 240-1125-1960

TERR			TEL. NO.
Cal	The E Jordan Brookes Co, Inc	571 Howard St, San Francisco, Cal	YU6-2974
Cal	E Jordan Brookes Co	6601 Telegraph Rd, Los Angeles 16, Cal	RA3-8431
Ill	Beryllium Corp	205 W. Wacker Dr, Chicago 6, Ill	AN3-3353
Mass	Beryllium Corp	292 Worthington St, Springfield, Mass	RE4-7581
Mich	Beryllium Corp	5649 Van Born Ct, Dearborn 9, Mich	CR8-9300
Minn	Eiler Equipment Co	1107-09 S. 2nd St, Minneapolis, Minn	FE9-9226
Mo	Joseph A Crowe & Assoc	1221 Laredo St, St Louis 15, Mo	SH1-6423
NY	Beryllium Corp	475 Fifth Ave, New York, NY	MU9-5974
NC	W K Hile	P.O.Box 6165, Charlotte 7, NC	FR7-5062
Ohio	Beryllium Corp	333 W. First St, Dayton, Ohio	BA8-1496
Ohio	Beryllium Corp	125 W. Commerce St, Youngstown, Ohio	RI6-2214
Pa	Beryllium Corp	1617 Pennsylvania Blvd, Philadelphia, Pa	LO3-2071

BESLER CORP ... 4053 Harlan, St, Oakland 8, Cal ... OL2-0921
825-1075-1120-1290

BESTCRAFT PRODUCTS CO., INC ... 626 Broadway, New York, NY ... AL4-7920
R Smylie #1 *40 D 55-620-660-690-750-765-890-900-905-1225-1230-1290-1505-1530-1605-1940

• **BETHLEHEM FOUNDRY & MACH CO** ... 225 W. 2nd St. Bethlehem, Pa ... UN7-4605
B Friedman #10 *275 E 233-250-735-1075-1215

TERR			TEL. NO.
Ala	W A Brown & Assoc	201 Capron Rd. Indian River City, Fla	AM7-0411
Ariz	E V Roberts & Assoc	340 N. Marshall Ave. Scottsdale	WH7-1381
Cal	E V Roberts & Assoc	5068 W. Washington Blvd. LA	WE8-2541
Colo	Hyde Electronics Co	888 S. Lipan St. Denver	WE6-3455
Del	W A Brown & Assoc	3610 Mt. Vernon Ave. Alexandria, Va	TE6-1800
DC	W A Brown & Assoc	3610 Mt. Vernon Ave. Alexandria, Va	TE6-1800
Fla	W A Brown & Assoc	201 Capron Rd. Indian River City	AM7-0411
Ga	W A Brown & Assoc	201 Capron Rd. Indian River City, Fla	AM7-0411
Idah	Hyde Electronics Co	888 S. Lipan St. Denver, Colo	WE6-3455
Ky	W A Brown & Assoc	3610 Mt. Vernon Ave. Alexandria, Va	TE6-1800
Md	W A Brown & Assoc	3610 Mt. Vernon Ave. Alexandria, Va	
Mich	Anger Assoc	13126 Michigan Ave. Dearborn	
Miss	W A Brown & Assoc	201 Capron Rd. Indian River City, Fla	AM7-0411
Mont	Hyde Electronics Co	888 S. Lipan St. Denver, Colo	WE6-3455
Nev	E V Roberts & Assoc	1560 Laurel St. San Carlos, Cal	LY3-7878
NM	Hyde Electronics Co	888 S. Lipan St. Denver, Colo	WE6-3455
NY	Components for Industry	23 Sedgemoor Ct. Buffalo 21	SP8900
NC	W A Brown & Assoc	3610 Mt. Vernon Ave. Alexandria, Va	
Ohio	Anger Assoc	13126 Michigan Ave. Dearborn, Mich	
Pa	Anger Assoc	13126 Michigan Ave. Dearborn, Mich	
SC	W A Brown & Assoc	3610 Mt. Vernon Ave. Alexandria, Va	
Tex	Southwest Sales & Eng	318 N. Pearl, Dallas 1	RI7-0555
Utah	Hyde Electronics Co	888 S. Lipan St. Denver, Colo	WE6-3455
Va	W A Brown & Assoc	3610 Mt. Vernon Ave. Alexandria	
Wyo	Hyde Electronics Co	888 S. Lipan St. Denver, Colo	WE6-3455

BEVA ELECTRONICS INC ... 185 4th St. Trenton 8, NJ ... TU2-6847
W Hartig #2 *7 B 895-1135-1340-1455

BEVTRON ELECTRONICS CORP ... 59 Park St. Beverly, Mass ... WA2-2555
G Juley, Jr #4 *21 B 65-880-905-1545

TERR			TEL. NO.
Ariz	W G Henschen Co	4431 E Marion Way, Phoenix	WH6-7477

• INDICATES ADVERTISERS IN THIS ISSUE

FOR EXPLANATION OF SYMBOLS # * A 15 SEE PG. M

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Conn	George H Weiland	76-49 168th St. Flushing 66, NY	OL8-4061
NJ	George H Weiland	76-49 168th St. Flushing, NY	OL8-4061
NY	George H Weiland	76-49 168th St. Flushing	OL8-4061
	BIDDLE CO., JAMES G	**1316 Arch St, Philadelphia 7, Pa**	**LO4-1620**
	P Sellers #20 *100 E 195-895-1460-1475-1880		
Alaska	Instrument Laboratory Inc	934 Elliott Ave, W., Seattle 99, Wash	AT3-5850
Ark	Earl Lipscomb & Associates	P.O. Box 7084, Dallas, Tex	FL7-1881
Cal	Adolph F Zell	12092 Foster Rd, Los Alamitos, Cal	GE0-1923
Conn	William G Long	15 Alden St, Cranford, NJ	BR6-8833
Fla	Anson Fyler Agency	4210 Laguna St. Coral Gables	HI3-7042
Ga	O V Scott Jr & Associates	305 Techwood Dr, N.W., Atlanta 13, Ga	JA3-0927
Idaho	Instrument Laboratory Inc	934 Elliott Ave, W., Seattle 99, Wash	AT3-5850
Ill	J Wilson Cook	436 N Wolf Rd. Hillside	AU7-4313
Ind	J Wilson Cook	436 N Wolf Rd. Hillside, Ill	AU7-4313
Iowa	C B Fall Co	317 N. 11th St, St. Louis 1, Mo	CH1-2433
Kan	C B Fall Co	317 N. 11th St, St. Louis 1, Mo	CH1-2433
Ky	George P Jansen	25810 Tungsten Rd, Cleveland 32, Ohio	AN1-2822
La	Earl Lipscomb & Associates	P.O. Box 7084, Dallas, Tex	FL7-1881
Me	Cowperthwait & Brodhead	570 Hillside Ave, Needham Heights, Mass	HI4-9410
Mass	Cowperthwait & Brodhead	570 Hillside Ave, Needham Heights, Mass	HI4-9410
Mich	Satullo Co	4512 N. Woodward Ave, Royal Oak, Mich	LI9-3910
Minn	Pinkney & Hire	1925 Nicollet Ave, Minneapolis 3, Minn.	LI0523
Mo	C B Fall Co	317 N. 11th St, St. Louis 1, Mo	CH1-2433
Neb	C B Fall Co	317 N. 11th St, St. Louis 1, Mo	CH1-2433
Nev	Adolph F Zell	12092 Foster Rd, Los Alamitos, Cal	GE0-1923
NH	Cowperthwait & Brodhead	570 Hillside Ave, Needham Heights, Mass	HI4-9410
NJ	William G Long	15 Alden St, Cranford, NJ	BR6-8833
NM	Earl Lipscomb & Associates	P.O. Box 7084, Dallas Tex	FL7-1881
NY	William G Long	15 Alden St, Cranford, NJ	BR6-8833
NC	Ranson, Wallace & Co	1164 E Fourth St. Charlotte 2	ED4-4244
ND	Pinkney & Hire	1925 Nicollet Ave, Minneapolis 3, Minn.	LI0523
Ohio	George P Jansen	25810 Tungsten Rd, Cleveland 32, Ohio	AN1-2822
Okla	Earl Lipscomb & Associates	P.O. Box 7084, Dallas, Tex	FL7-1881
Ore	Instrument Laboratory Inc	934 Elliott Ave, W., Seattle 99, Wash	AT3-5850
Pa	George P Jansen	25810 Tungsten Rd, Cleveland 32, Ohio	AN1-2822
RI	Cowperthwait & Brodhead	570 Hillside Ave, Needham Heights, Mass	HI4-9410
SD	Pinkney & Hire	1925 Nicollet Ave, Minneapolis 3, Minn	LI0523
Tex	Earl Lipscomb & Associates	P.O. Box 7084, Dallas, Tex	FL7-1881
Vt	Cowperthwait & Brodhead	570 Hillside Ave, Needham Heights, Mass	HI4-9410
Wash	Instrument Laboratory Inc	934 Elliott Ave, W., Seattle 99, Wash	AT3-5850
W. Va	George P Jansen	25810 Tungsten Rd, Cleveland 32, Ohio	AN1-2822
Wis	J Wilson Cook	436 N Wolf Rd. Hillside, Ill	AU7-4313
	BIGGS CO. INC., CARL M	**Dept ED, 1547 14 St. Santa Monica, Cal**	**GR8-0461**
	D Lum *10 B 30-240-280-315-715-730-900-975-980-1120-1290-1545-1565		
Colo	Wm Bussmeyers	258 Santa Fe Dr. Denver	
DC	Potomac Electronics	1025 N Royal St. Alexandria, Va	TE6-8666
Fla	Joseph A Adams	P O Box 1322, Melbourne	PA3-1931
Md	Potomac Electronics	1025 N Royal St. Alexandria, Va	TE6-8666
Va	Potomac Electronics	1026 N Royal St. Alexandria	TE6-8666
	BILL JACK SCIENTIFIC INSTRUMENT CO	**143 S Cedros St. Solana Beach, Cal**	**SK5-1551**
	C Hyman #15 *150 25-365-895-915-1165		
	BILLINGS & SPENCER CO	**1 Laurel St, Hartford 1, Conn**	**JA7-5181**
	1535		
	BIOPHYSICAL ELECTRONICS	**221 Rock Hill Rd, Bala Cynwyd, Pa**	**TR8-6017**
	J Andjonato, Jr #4 *9 A 895-1810		
	BIO-RAD LABS	**1259 S. 32nd St. Richmond, Cal**	**BE4-4130**
	P Preen *17 240-265		
•	**BIRD ELECTRONIC CORP**	**30303 Aurora Rd, Cleveland 39, Ohio**	**CH8-1200**
	J James #25 *104 E 25-50-670-895-1045-1135		
Cal	Van Groos Co	21051 Costanso St, Woodland Hills, Cal	DI0-3131
For	Livingston Labs. Ltd	31 Camden Rd. London NW. 1, Eng	GU8501
Foreign	Erik Ferner	Box 56, Bromma, Sweden	
Foreign	Machine & Products	52 Wall St, New York 5, NY	
•	**BIRD CO., RICHARD H**	**1 Spruce St, Waltham, Mass**	**TW4-0160**
	***90 D 75-930-1510**		
	BIRDAIR STRUCTURES, INC	**1800 Broadway, Buffalo 12, NY**	**TX6-5100**
	A Smith #7 *60 D 45-1170-1135		
	BIRDSELL DIV. SUSQUEHANNA SCIENCE INC	**350 N Halstead, Pasadena, Cal**	
	R Beckstrand *21 B 1945		
•	**BIRNBACH RADIO CO., INC**	**145 Hudson St, New York 13, NY**	**WO6-5611**
	Miss Cook *27 D 155-175-185-190-240-285-300-345-375-390-670-785-790-795-845-900-905-925-960-1005-1055-1075-1205-1290-1315-1495-1535-1575-1630-1690-1730-1735-1780-1890-1940-1960		
Ala	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	AM2-1573
Ariz	Verne Linsley Co	2902 W. Villa St, Phoenix, Ariz	AP8-2266
Ark	W R Retzloff Co.	Box 1786, San Antonio 6, Tex	LE3-7839
Cal	Al J Rissi	8417 E. Las Tunas Dr, San Gabriel	CU3-7614
Cal	Sinai-Johnson Inc	845 Jessie St, San Francisco,	UN1-6259
Fla	L E Barnhart	1003 Gunika Rd. Jacksonville	
Ill	Mike Berman	8631 E Prairie Rd. Skokie	ORS-3740
Ill	Zak-Cowen & Assoc Inc	7730 Carondelet, St. Louis, Mo.	PA7-8559
Iowa	Northern States Sales	1400 Park Ave, Minneapolis 4, Minn	FE6-4808
Kan	Zak-Cowen & Assoc Inc	7730 Carondelet, St. Louis, Mo	PA7-8559
La	W R Retzloff Co	Box 1786, San Antonio 6, Tex	LE3-7839
Mass	Brookdale Eng & Service Co	65 Kent St, Brookline, Mass	CA7-1515
Minn	Northern States Sales	1400 Park Ave, Minneapolis 4, Minn	FE6-4808
Miss	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Mo	Zak-Cowen & Associates Inc	7730 Carondelet, St. Louis 5,	PA7-8559
Neb	Northern States Sales	1400 Park Ave, Minneapolis 4, Minn	FE6-4808
Nev	Al J Rissi	8417 E. Las Tunas Dr, San Gabriel, Cal	CU3-7614
NC	L E Barnhart	1003 Gunika Rd, Jacksonville, Fla	
ND	Northern States Sales	1400 Park Ave, Minneapolis 4, Minn	FE6-4808
Ohio	Weller-Rahe Co	Box 212, Worthington, Ohio	TU5-7819
Okla	W R Retzloff Co	Box 1786, San Antonio 6, Tex	LE3-7839
Ore	Roger M Minthorne Co	0673 S.W. Taylor's Ferry Rd, Portland 19,	CH6-4556
Pa	George Hautenschild	949 E. Godfrey Ave, Phila, Pa	PI4-0847
Pa	Weller-Rahe Co	Box 212, Worthington, Ohio	TU5-7819
SC	L E Barnhart	1003 Gunika Rd, Jacksonville, Fla	
SD	Northern States Sales	1400 Park Ave, Minneapolis 4, Minn	FE6-4808
Tenn	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Tex	W R Retzloff Co	Box 1786, San Antonio 6, Tex	LE3-7839
Wash	Roger M Minthorne Co	0673 S.W. Taylor's Ferry Rd, Portland 19,	CH6-4556
W. Va	Weller-Rahe Co	Box 212, Worthington, Ohio	TU5-7819
Wisc	Northern States Sales	1400 Park Ave, Minneapolis 4, Minn	FE6-4808
Foreign	Roburn Agencies	431-435 Greenwich St, New York 13, NY	WO6-2130
•	**BIRTCHER CORP**	**4371 Valley Blvd, Los Angeles 32, Cal**	**CA2-9101**
	285-370-485-875-1125-1580-1735-1875		
Cal	M A Stolaroff Co	4522 W. Slauson Ave, Los Angeles,	AX3-6226
Cal	Wm W Tompkins & Co	2363 Birch St, Palo Alto,	DA6-7940
Colo	Electronic Component Sales Inc	2149 S. Clermont, Denver 22,	SK7-1322
Ga	Lynd A Walkling	Box 3045, Atlanta 17,	DR3-8346
Ill	Harry Halinton Co	6400 N. Leoti Ave, Chicago 46,	RO3-2132
Ind	Wright Engineering Co	Box 23107, Indianapolis 44,	HU8800
Md	L G White & Co	890 Bonifant St, Silver Spring,	JU5-3141
Mass	Dan Greene Organization Inc	Box 124, Cambridge	UN4-2220
Minn	Heimann Co	1711 Hawthorne Ave, Minneapolis,	FE2-5457
Mo	Heimann Co	6636 Agnes, Kansas City 30,	
NJ	R P Luce & Co., Inc	7 Beechwood Rd, Summit,	CR3-9250
NY	I A Hotze Co	112 Dewitt St, Syracuse 3,	GR9-6641
NY	R P Luce & Co., Inc	1300 Jericho Trnpk, New Hyde Park,	GE7-4550
NC	L G White & Co	Box 2356, Winston-Salem, NC	WI5-3612
Ohio	Robert K Deunk & Associates	10005 Chippewa Rd, Brecksville,	JA6-4317
Pa	L G White & Co	108 Forrest Ave, Narberth,	MO4-6505
Tenn	Macrae-Smith Co	Box 35113, Dallas 35,	BL3-2006
Wash	Vince E Johnson Co	2614 E. 86th St, Seattle 15,	LA4-4595
	BISHOP & CO., J PLATINUM WORKS	**Malvern, Pa**	**NI4-3100**
	H S Roberts #6 *400 E 1125-1875-1885-1960		
Ala	J Povey	890 Glendale Terr, N.E., Atlanta, Ga	TR5-3776
Ark	B M Reilly	2210 Kipling St, Houston, Tex	JA8-2790
Ariz	R M Squier	7808 W Manchester, Playa Del Rey, Cal	EX8-2343
Cal	R M Squier	7808 W Manchester Ave, Playa Del Rey	EX8-2343
Colo	R M Squier	7808 W Manchester, Playa Del Rey, Cal	EX8-2343
Conn	L M Bailey	57 Mapleside Dr, Wethersfield, Conn	JA9-2324
Fla	J Povey	890 Glendale Terr, N.E., Atlanta, Ga	TR5-3776
Ga	J Povey	890 Glendale Terr, N.E., Atlanta, Ga	TR5-3776
Idaho	C P Curtis	116 S. Michigan Ave, Chicago, Ill	AN3-4365
Ill	Sweet & Curtis	116 S. Michigan Ave, Chicago, Ill	AN3-4365
Ind	Sweet & Curtis	116 S. Michigan Ave, Chicago, Ill	AN3-4365
Iowa	Sweet & Curtis	116 S. Michigan Ave, Chicago, Ill	AN3-4365
Kan	Sweet & Curtis	116 S. Michigan Ave, Chicago, Ill	AN3-4365
Ky	F Derk	411 Howdridge Dr, Pittsburgh 34, Pa	LO3-0882
La	B M Reilly	2210 Kipling St, Houston, Tex	JA8-2790
Me	L M Bailey	57 Mapleside Dr, Wethersfield, Conn	JA9-2324
Mass	L M Bailey	57 Mapleside Dr, Wethersfield, Conn	JA9-2324
Mich	Sweet & Curtis	116 S. Michigan Ave, Chicago, Ill	AN3-4365
Minn	Sweet & Curtis	116 S. Michigan Ave, Chicago, Ill	AN3-4365
Miss	J Povey	890 Glendale Terr, N.E., Atlanta, Ga	TR5-3776
Mo	Sweet & Curtis	116 S. Michigan Ave, Chicago, Ill	AN3-4365
Mont	Sweet & Curtis	116 S. Michigan Ave, Chicago, Ill	AN3-4365
Neb	Sweet & Curtis	116 S. Michigan Ave, Chicago, Ill	AN3-4365
Nev	R M Squier	7808 W Manchester, Playa Del Rey, Cal	EX8-2343
NH	L M Bailey	57 Mapleside Dr, Wethersfield, Conn	JA8-2790
NJ	L M Bailey	57 Mapleside Dr, Wethersfield, Conn	JA8-2790
NM	R M Squier	7808 W Manchester, Playa Del Rey, Cal	EX8-2343
NY	L M Bailey	57 Mapleside Dr, Wethersfield, Conn	JA8-2790
NC	J Povey	890 Glendale Terr, N.E., Atlanta, Ga	TR5-3776
Ohio	F Derk	411 Howdridge Dr, Pittsburgh 34, Pa	LO3-0882
Okla	B Reilly	2210 Kipling St, Houston, Tex	JA8-2790
Ore	R M Squier	7808 W Manchester, Playa Del Rey, Cal	EX8-2343
Pa	F Derk	411 Howdridge Dr, Pittsburgh 34, Pa	LO3-0882
RI	L M Bailey	57 Mapleside Dr, Wethersfield, Conn	JA8-2790
SC	J Povey	890 Glendale Terr, N.E., Atlanta, Ga	TR5-3776
SD	C P Curtis	116 S. Michigan Ave, Chicago, Ill	AN3-4365
Tenn	J Povey	890 Glendale Terr, N.E., Atlanta, Ga	TR5-3776
Tex	B Reilly	2210 Kipling St, Houston, Tex	JA8-2790
Utah	R M Squier	7808 W Manchester, Playa Del Rey, Cal	EX8-2343
Vt	L M Bailey	57 Mapleside Dr, Wethersfield, Conn	JA8-2790
Wash	R M Squier	7808 W Manchester, Playa Del Rey, Cal	EX8-2343
W. Va	J Povey	890 Glendale Terr, N.E., Atlanta, Ga	TR5-3776
Wisc	Sweet & Curtis	116 S. Michigan Ave, Chicago, Ill	AN3-4365
Wyo	R M Squier	7808 W Manchester, Playa Del Rey, Cal	EX8-2343
	BISHOP MFG CORP	**10 Canfield Rd, Cedar Grove, NJ**	**CE9-3400**
	1755		
Ala	Godfrey W Glenn Agency	3205 2nd Ave, S., Birmingham, Ala	
Ariz	Indl Engineering & Equipment Corp	2975 Wilshire Blvd, Los Angeles 5, Cal	
Ark	Jones Philibert & Co	358 Sauve Rd, New Orleans 23, La	
Cal	Indl Engineering & Equipment Co	2975 Wilshire Blvd, Los Angeles 5, Cal	
Cal	Wrathall & Krusi	681 Market St, San Francisco 5, Cal	
Conn	J F Kerrigan & Co	P.O. Box 6016, Hamden 17, Conn	
DC	Andrew H Baxter	412 Albee Bldg, Washington, DC	
Fla	Geo L Carlisle Inc	P.O. Box 1537, Eustis, Fla	
Ga	Godfrey W Glenn Agency	3205 2nd Ave, S., Birmingham, Ala	
Idaho	Jack Pruzan Co	1963 1st Ave, S., Seattle 4, Wash	
Ill	J J Glenn & Co	605 W. Washington Blvd, Chicago 6, Ill	
Ind	J J Glenn & Co	605 W. Washington Blvd, Chicago 6, Ill	
Iowa	J J Glenn & Co	605 W. Washington Blvd, Chicago 6, Ill	
Kan	Fleming & Co	3021 Main St, Kansas City 8, Mo	
La	Jones Philibert & Co	358 Sauve Rd, New Orleans 23, La	
Me	Edward Marcin	P.O. Box 29, Newton Lower Falls, Mass	
Md	Andrew H Baxter	412 Albee Bldg, Washington, DC	
Mass	Edward Marcin	P.O. Box 29, Newton Lower Falls, Mass	
Mich	M F Kraus Co	3117 W. McNichols Rd, Detroit 21, Mich	
Minn	Hugo Sales Co., Inc	6012 Virginia Ave, S., Minneapolis, Minn	
Miss	Jones-Philibert & Co	358 Sauve Rd, New Orleans 23, La	
Mo	F Joe Mollerus Co	1901 Gravois Ave, St. Louis 4, Mo	
Mo	Fleming & Company	3021 Main St, Kansas City 8, Mo	
Mont	Jack Pruzan Co	1963 First Ave. S, Seattle 4, Wash	
Nev	Wrathall & Krusi Inc	681 Market St. San Francisco, Cal	
NH	Edward Marcin	Box 29, Newton Lower Falls 62, Mass	
NJ	D S MacCorkle Inc	1 Newark Ave, Hoboken, NJ	
ND	Hugo Sales Co., Inc	6012 Virginia Ave, S., Minneapolis 24, Minn	
Ohio	Public Service Supply Co., Inc	Box 2963, Cleveland 16, Ohio	
Okla	L R Ward Co	3009 Canton St, Dallas 26, Tex	
Ore	Jack Pruzan Co	1963 First Ave, S., Seattle 4, Wash	
Pa	Burns Electric Co	1750 N. Highland Rd, Pittsburgh 28, Pa	
RI	Edward Marcin	Box 29, Newton Lower Falls 62, Mass	
SD	Hugo Sales Co., Inc	6012 Virginia Ave, S., Minneapolis 24, Minn	
Tenn	Jones-Philibert & Co	358 Sauve Rd, New Orleans 23, La	
Tex	L R Ward Co	3009 Canton St, Dallas 26, Tex	
Vt	Edward Marcin	Box 29, Newton Lower Falls 62, Mass	
Va	R W Kraft	1921 Langdon Rd, S.W., Roanoke, Va	
Wash	Jack Pruzan Co	1963 First Ave, S., Seattle 4, Wash	
W. Va	Burns Electric Co	1750 N. Highland Rd, Pittsburgh 28, Pa	
W. Va	R W Kraft	1921 Langdon Rd, S.W., Roanoke, Va	
Wisc	J J Glenn & Co	605 W. Washington Blvd, Chicago 6, Ill	
	BITTERMAN ELECTRIC CO. INC	**Box 887, Canaan, Conn**	**TA4-7345**
	320-1855		
	BIVAX CORP	**3445 W Howard St. Skokie, Ill**	**AM2-3339**
	P Scratchfield *11 C 30-315-900-1290		
Ill	C J Saberson	1791 Howard St. Chicago 26	BR4-9668
Mich	J C Sales Co	215 W. 1st St, Flint, Mich	
NJ	Ed Nemeth Assoc	13-08 Morlot Ave. Fairlawn	SW7-7500
•	**BLACKBURN INC., P W**	**67 Main St, Dobbs Ferry, NY**	**OW3-2620**
	F Firer Jr 748-1385-1890		
	BLACKHAWK ENG CO. INC	**14 N. Parker Dr. Janesville, Wis**	**PL2-8781**
	R Brandt #2 *4 A 670		
Ariz	G B Ellis Sales Co	2316 El Camino Rea, Mountain View, Cal	YO7-5531
Cal	G B Ellis Sales Co	2316 El Camino Real, Mountain View, Cal	YO7-5531
Cal	Uni-Tech Sales Co	140 Sheldon St. El Segundo	EA2-5420
Ill	Edward Schmeichel Co	5968 W. Chicago Ave, Chicago 51, Ill	ES8-2070
Ind	Edward Schmeichel Co	5968 W. Chicago Ave, Chicago 51, Ill	ES8-2070
Iowa	Edward Schmeichel Co	5968 W. Chicago Ave, Chicago 51, Ill	ES8-2070
Md	Stemler Assoc. & Co	25 W. Pa. Ave. Towson 4	VA8-8853
Mass	Forsberg Electric Sales	125 Perkins Ave. Brockton	JU3-0034
Mich	Edward Schmeichel Co	5968 W. Chicago Ave, Chicago 51, Ill	ES8-2070
NJ	Stemler Assoc. & Co	Box 36, Moorestown	
NJ	Stemler Assoc. & Co	17 Birchwood Rd. Hawthorne	
Wisc	Edward Schmeichel Co	5968 W. Chicago Ave, Chicago 51, Ill	ES8-2070
	BLACKLIGHT CORP OF AMERICA	**5112 Walnut Grove Ave, San Gabriel, Cal**	**CU3-3193**
	L McCarthy #2 *35 D 265-890-895-950-970-990-1240-1385-1880		
	BLACK LIGHT EASTERN CORP	**4 Manhasset Ave. Port Washington, NY**	**PO7-7850**
	M Cooper E 265-890-895-990-1240		
	BLACK LIGHT PRODUCTS	**4868 N Sheridan Rd. Chicago 40, Ill**	**LO1-4046**
	R Cornell #2 *6 890-990-1240		
	BLACKSTONE CORP	**1111 Allen St, Jamestown, NY**	**5-1121**
	G Gustafson #6 *940 E 700-1075-1120-1915		
Ala	Geo F Bohman	1239 New Castle Dr, Orlanda, Fla	GA4-2076
Ala	Mid-Florida Sales	711 Magnolia St, Orlando, Fla	
Cal	H J Fouts	6253 Hollywood Blvd, Los Angeles 28	HO4-6511
Colo	Centennial Equipment Co	P.O. Box 664, Littleton, Colo	PY4-5588
Conn	R M Jones Agency, The	40 Mountain Rd, West Hartford, Conn	JA3-4576
Del	Kellog Appliances	18 W. Chelton Ave, Phila 44, Pa	GE8-2171
DC	Ten Eyck Associates	1624 Eye St, N.W., Washington 6, DC	ST3-3453
Fla	Geo F Bohman	1239 New Castle Dr, Orlanda, Fla	GA4-2076
Fla	Mid-Florida Sales	711 Magnolia St, Orlando, Fla	
Ga	Geo F Bohman	1239 New Castle Dr, Orlanda, Fla	GA4-2076
Ga	Mid-Florida Sales	711 Magnolia St, Orlando, Fla	
Ill	R Heydenburg	P.O. Box 293, La Grange, Ill	FL2-1872
Ill	Tri-Co Equipment Co	4347 W North Ave, Chicago, Ill	
Kan	Barr McDermott	4407 S. Peoria, Tulsa, Okla	RI3-3628
Kan	The Carolan Co	612 W 47th St, Kansas City, Mo	
Me	R M Jones Agency, The	40 Mountain Rd, West Hartford, Conn.	JA3-4576
Md	Kellog Appliances Co	18 W. Chelton Ave, Phila 44, Pa	GE8-2171
Mass	The Robert M Jones Agency	54 Longfellow Rd, Needham, Mass.	HI4-4600
Mich	The Basic Service Corp	16544 Plymouth Rd, Detroit, Mich	
Mich	Modern Machinery Sales Co	19429 W. McNichols, Detroit 19, Mich	KE5-3313
Minn	R Heydenburg	P.O. Box 293, La Grange, Ill	FL2-1872
Mo	Barr McDermott	4407 S Peoria, Tulsa, Okla	RI33-628
NH	R M Jones Agency, The	40 Mountain Rd, West Hartford, Conn.	JA3-4576
NJ	The Robert M Jones Agency	1 Ashland Place, East Northport, NY	AN1-0331
NJ	Scientific Systems Sales Corp	P.O. Box 3, Bayside 61, NY	BA50-929
NM	Centennial Equipment Co	P O Box 664, Littleton, Colo	PY4-5588
NY	Ford Myers	52 Gorsline St, Rochester, NY	CL4-7988
NY	The Robert M Jones Agency	1 Ashland Place, East Northport, NY	AN1-0331
NY	Scientific Systems Sales Corp	P.O. Box 3, Bayside 61, NY	BA50-929
NC	Crotts & Saunders Engineering Inc	235 N. Main St, Winston-Salem, NC	PA4-0163
Ohio	Fostoria Industrial Service Corp	4500 Euclid Ave, Cleveland 3, Ohio	EN1-6622
Ohio	The Zahniser Co	629 Garrett Dr, Columbus 14, Ohio	AX4-3739
Okla	Barr McDermott	4407 S. Peoria, Tulsa, Okla	RI3-3628
Pa	Kellog Appliances Co	18 W Chelton Ave, Philadelphia, Pa	GE8-2171
RI	The Robert M Jones Agency	54 Longfellow Rd, Needham, Mass.	HI4-4600
SC	Crotts & Saunders Engineering Inc	235 N. Main St, Winston-Salem, NC	PA4-0163
Tenn	Crotts & Saunders Engineering Inc	235 N. Main St, Winston-Salem, NC	PA4-0163
Utah	Centennial Equipment Co	P.O. Box 664, Littleton, Colo	PY4-5588
Vt	R M Jones Agency, The	40 Mountain Rd, West Hartford, Conn.	JA3-4576
Va	Crotts & Saunders Engineering Inc	235 N. Main St, Winston-Salem, NC	PA4-0163
Wisc	R Heydanburg	P.O. Box 293, La Grange, Ill	FL2-1872
Wyo	Centennial Equipment Co	P.O. Box 664, Littleton, Colo	PY4-5588
•	**BLACK & WEBSTER INC**	**570 Pleasant St, Watertown, Mass**	**WA6-0100**
	J Barber #3 *20 B 1075		
Ala	Bud Watts Machinery Co., Inc	Box 5435, Memphis, Tenn	WH2-2417
Ariz	Hundley Co	3282 Fletcher Dr, Los Angeles, Cal	CL5-7111
Cal	Harry M Smith & Associates	1341 Old County Rd, Belmont, Cal	LY3-7869
Cal	Hundley Co	3282 Fletcher Dr, Los Angeles, Cal	CL5-7111
Colo	Fred A Pease Co	4921 E. 38th Ave, Denver, Colo	DU8-4643
Conn	George M Chambers Co	175 White Rock Dr, Windsor, Conn	JA2-2767
Del	Riley & Aleshire	615 Greenwood Ave, Jenkintown, Pa	TU4-1709
Fla	Lafayette Tool & Supply Co	3356 N.W. 27th Ave, Miami, Fla	NE4-7604
Ga	Don Wheeler & Associates	929 Burnt Hickory Dr SW, Atlanta, Ga	PL8-2979
Idaho	Joseph F Taraba Co	1824 S.E. 50th Ave, Portland, Ore	BE4-6491
Ill	McClean Machinery Co	549 W. Washington Blvd, Chicago, Ill	ST2-7793
Ill	Rudie Lorenz Co	9500 Gravois Ave, St. Louis, Mo	TA1-4119
Ind	Edgar G Ritchie	Box 5167, Cherokee Sta, Louisville, Ky	WA5454
Ind	Henry J Morath	138 N. Pennsylvania St, Indianapolis	ME5-4392
Iowa	Rudie Lorenz Co	9600 Gravois Ave, St. Louis, Mo	TA1-4119
Kan	Rudie Lorenz Co	9500 Gravois Ave, St. Louis, Mo	TA1-4119

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ky	Edgar C Ritchie	Box 5167, Cherokee Sta, Louisville, Ky	WA5454
Me	Albert W Chester	Box 44, Lexington, Mass	VO2-2636
Mass	Albert W Chester	Box 44, Lexington, Mass	VO2-2636
Mich	W B Conrad Co	13435 Fenkell Ave, Detroit, Mich	BR3-4060
Minn	Machine Tool Corp	3210 Bloomington Ave, Minneapolis, Minn	PA1-5371
Miss	Bud Watts Machinery Co	Box 5435, Memphis, Tenn	WH2-2497
Mo	Rudie Lorenz	9500 Gravois Ave, St. Louis, Mo	TA1-4119
Mont	Joseph F Tarabo Co	1024 S.E. 50th Ave, Portland, Ore	BE4-6491
Neb	Rudie Lorenz	9500 Gravois Ave, St. Louis, Mo	TA1-4119
Nev	Huntley Co	3392 Fletcher Dr, Los Angeles, Cal	CL5-7111
NH	Albert W Chester	Box 44, Lexington, Mass	VO2-2636
NJ	Riley & Alesbire	615 Greenwood Ave, Jenkintown, Pa	TU4-1709
NJ	Val Dodd	Box 222, Orange, NJ	HU3-2100
NM	Fred A Pease Co	4921 E. 38th Ave, Denver, Colo	DU6-4643
NY	Long Island Machinery Sales Corp	568 W. Hoffman Ave, Lindenhurst, NY	TU4-3070
Ohio	David W Davenport Co	5713 Euclid Ave, Cleveland, Ohio	HE1-8545
Ohio	W V Goodson Co	1118 Madison Ave, Toledo, Ohio	CH8-1531
Ohio	Henry M Wood Co	920 E. McMillan St, Cincinnati, Ohio	AV1-1130
Okla	Marshall Supply & Equipment Co	920 E. Archer, Tulsa, Okla	
Ore	Joseph F Tarabo Co	1024 S.E. 50th Ave, Portland, Ore	BE4-6491
Pa	Riley & Alesbire	615 Greenwood Ave, Jenkintown, Pa	TU4-1709
Pa	T S Hughes	1007 McCartney St, Pittsburgh, Pa	WA1-5171
RI	Albert W Chester	Box 44, Lexington, Mass	VO2-2636
Tenn	Bud Watts Machinery Co	Box 5435, Memphis, Tenn	WH2-2497
Tex	Southwestern Controls	4716 Ell St, Houston, Tex	
Utah	Fred A Pease Co	4921 E. 38th Ave, Denver, Colo	DU8-4643
Vt	Robert T Lee	Manchester, Vt	
Wash	Joseph F Tarabo Co	3016 1st Ave, S., Seattle, Wash	EL5000
W. Va	T S Hughes	1007 McCartney, Pittsburgh, Pa	WA1-5171
Wisc	Wakefield-Kreutzfeldt	3709 W. Fond Du Lac Ave, Milwaukee	UP3-3381
Wyo	Fred A Pease Co	4921 E. 38th Ave, Denver, Colo	DU8-4643
Canada	J H Ryder Machinery Co	350 Evans Ave, Toronto, Canada	CL9-7141

BLACO MFG CO — 6541 Euclid Ave, Cleveland 3, Ohio — EX1-0497
S Hovatik #1 *5 A 285-315-1495

BLAINE ELECTRONETICS INC — 14757 Keswick St, Van Nuys, Cal — ST2-6303
R Blaine *20 B 45-1135

BLAW-KNOX CO — 300 Sixth Ave, Pittsburgh 22, Pa — EX1-1244
H Needham #100 *1000 G 45-233-325-1135-1170-1410

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	Thorson Co., The	7361 Melrose Ave. Los Angeles 46	WE4-1191
Wash	Thorson Co., The	1767 15th St. Seattle	EA5-5000

• **BLILEY ELECTRIC CO** — 200 Union Sta Bldg, Erie, Pa — GL6-7561
G Wright 410-415-450-670-895-1215

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ariz	Elsner-Osborn Co	1124 Crenshaw Blvd. LA, Cal	WE7-1175
Ark	Howell Sales Inc	235 SE 14th St. Grand Prairie, Tex	AN2-0666
Cal	Elsner-Osborn Co	1124 Crenshaw Blvd. LA 19	WE7-1175
Colo	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Del	F Edwin Schmitt Co	136 Liberty St, New York 6, NY	WO2-6550
DC	F Edwin Schmitt Co	136 Liberty St, New York 6, NY	WO2-6550
Idaho	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Ill	Hill & Gray Inc	821 Garfield St. Oak Park	EU3-0373
Ill	Maury E Bettis Co. Inc	3706 Broadway, KC 11, Mo	LO1-0772
Ind	Wm E McFadden	150 E. Broad St, Columbus 15, Ohio	CA1-3363
Iowa	Jerry Vrbik Co	419-3rd St, S.E., Cedar Rapids, Iowa	EM5-0461
Kan	Maury E Bettis Co. Inc	3706 Broadway, KC 11, Mo	LO1-0772
Ky	Wm E McFadden	150 E. Broad St, Columbus 15, Ohio	CA1-3363
La	Howell Sales Inc	235 SE 14th St. Grand Prairie, Tex	AN2-0866
Me	Richard Purinton Inc	11 Muzzey St, Lexington 73, Mass	VO2-8300
Md	F Edwin Schmitt Co	136 Liberty St, New York 6, NY	
Mass	Richard Purinton Inc	11 Muzzey St, Lexington 73, Mass	VO2-8300
Minn	Jerry Vrbik Co	419-3rd St, S.E., Cedar Rapids, Iowa	EM5-0461
Mo	Maury E Bettis Co. Inc	3706 Broadway, KC 11	LO1-0772
Mo	Maury E Bettis Co	406 W. 34th St, Kansas City, Mo	LO1-0772
Mont	Hyde Electronics	888 S. Lipan St, Denver 23, Colo	WE6-3456
Neb	Maury E Bettis Co. Inc	3706 Broadway, KC 11, Mo	LO1-0772
Neb	Maury E Bettis Co	406 W. 34th St, Kansas City, Mo	LO1-0772
Nev	Elsner-Osborn Co	LA 19, Cal	WE7-1175
NH	Richard Purinton Inc	11 Muzzey St, Lexington 73, Mass	VO2-8300
NJ	F Edwin Schmitt Co	136 Liberty St, New York 6, NY	WO2-6550
NM	Hyde Electronics	888 S. Lipan St, Denver 23, Colo	WE6-3456
NY	R W Mitscher Inc	Ellicott Square Bldg, Buffalo 3, NY	WA2517
NY	F Edwin Schmitt Co	136 Liberty St, New York 6, NY	WO2-6550
ND	Jerry Vrbik Co	419-3rd St, S.E., Cedar Rapids, Iowa	EM5-0461
Ohio	Wm E McFadden	150 E. Broad St, Columbus 15, Ohio	CA1-3363
Okla	Howell Sales Inc	235 SE 14th St. Grand Prairie, Tex	AN2-0866
Pa	George O Tanner	720 Gypsy Ln. Pittsbgh 34	FI1-5263
Pa	F Edwin Schmitt Co	136 Liberty St, New York 6, NY	WO2-6550
RI	Richard Purinton Inc	11 Muzzey St, Lexington 73, Mass	VO2-8300
SD	Jerry Vrbik Co	419-3rd St, S.E., Cedar Rapids, Iowa	EM5-0461
Tex	Howell Sales Inc	235 SE 14th St. Grand Prairie	AN2-0866
Utah	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Vt	Richard Purinton Inc	11 Muzzey St, Lexington 73, Mass	VO2-8300
W Va	George O Tanner	720 Gypsy Ln. Pittsbgh 34, Pa	FI1-5263
Wis	Hill & Gray Inc	821 Garfield St. Oak Park, Ill	EU3-0373
Wyo	Jerry Vrbik Co	419-3rd St, S.E., Cedar Rapids, Iowa	EM5-0461
Wyo	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Canada	C M Robinson Co	1550 Erin St, Winnipeg, Manitoba, Canada	SP4-1855
Foreign	Ad Auriema Inc	85 Broad St, New York 4, NY	BO9-7750
Foreign	Frazar & Hansen Ltd	301 Clay St, San Francisco 11, Cal	EX2-5112

BLINN CO., DELBERT — Box 757, Pomona, Cal — NA9-3900
H Manning #2 *15 A 285-770-790-900-950-1290

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	Fred L Dix & Assoc	452 N Garfield Ave. Montebello	RA3-3796

BLISS ELECTRONIC CORP — Box 366, Sussex, NJ — SU2-3000
D Bliss #4 *20 A 325-895-910-1765

BLOCK ASSOCIATES INC — 385 Putnam Ave. Cambridge 39, Mass — UN8-6050
F Wing #12 *55 D 330-410-885-895-1015-1850

BLOCKSOM & CO — Michigan City, Ind — TR4-3231
R Rowe #2 *300 E 1220-1225

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	R M Drachmann & Co	160 Spear St. San Francisco 5	YU6-6246
Cal	George B Woodcock & Co	813 N La Brea Ave. Los Angeles 38	WE3-8514
Colo	Katzin Bros Paper Co	3495 S Delaware St. Denver 23	PE3-4861
Ga	Packagemakers, Inc	3224 Peachtree Rd. NE, Atlanta 5	CE3-5520
Ill	Protective Packaging Co	3116 W Devon, Chicago 45	BR4-1973
Mass	Can-Pak Service	354 S Westfield St. Feeding Hills	RE4-2146
Minn	Allied Commodities Co	5601 W Lake St. Mpls 16	WE9-8531
NJ	Elbee Excelsior Co	6 N 14th St. Newark	HU3-4234
NY	Gill French Assoc	PO Box 261, Geneseo	GE796
Ohio	R M Reutlinger & Assoc, Inc	120 W Second St. Dayton 2	BA3-4171
Pa	Leonard Barol Assoc	1501-02 Finance Bldg. Phila 2	LO3-8473
Tex	Dwight Payne	PO Box 7444, Fort Worth	TE8-9448
Wash	Ind Crating & Packing	1750 4th Ave. S, Seattle 4	MA3-4530

BLONDER-TONGUE LABS INC — 9 Alling St, Dept EBG, Newark 2, NJ — MA2-8151
R Mathews 50-200-360-385-670-895-1135-1715-1910

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Jesse P Johnson Co	413 Dome Bldg, Chattanooga, Tenn	AM5-3463
Alaska	M K Widdekind Co	222 First Ave, ND, Seattle, Wash	
Ariz	Wedge Weber Co	1217 Venice Blvd, Los Angeles, Cal	DU7-211
Ark	John B Guenther	4533 N. Central Expwy, Dallas, Tex	LA8-6206
Cal	Mouthrop & Hunter	165 Eleventh St, San Francisco, Cal	UN3-7860
Cal	Wedge Weber Co	1217 Venice Blvd, Los Angeles, Cal	DU7-211
Colo	Hyde Electronics	5206 Constitution Ave, N.E., Albuquerque, NM	
Conn	William A Hendrickson	291 First Parish Rd, Scituate, Mass	SC652
Del	Land-C-Air Sales Co	140 Marbledale Rd, Tuckahoe, NY	WO1-4700
Fla	William F Hemminger	720 N.E., 78th St, Miami, Fla	PL9-0300
Ga	Jesse P Johnson Co	413 Dome Bldg, Chattanooga, Tenn	AM5-3463
Hawaii	Dougherty Enterprises	149 Haili St, Kailua, Hawaii	
Idaho	M K Widdekind Co	222 First Ave, ND, Seattle, Wash	
Ill	Norman W Kathrinus & Co	4356 Duncan Ave, St. Louis, Mo	OL2-7005
Ind	Hoenig Sales Co	Butler Ct, Fort Wayne, Ind	AN2083
Iowa	Norman W Kathrinus & Co	4356 Duncan Ave, St. Louis, Mo	OL2-7005
Kan	Norman W Kathrinus & Co	4356 Duncan Ave, St. Louis, Mo	OL2-7005
Ky	Hoenig Sales Co	Butler Ct, Fort Wayne, Ind	AN2083
La	John B Guenther	4533 N. Central Expwy, Dallas, Tex	LA8-6286
Me	William A Hendrickson	291 First Parish Rd, Scituate, Mass	SC652
Md	Land-C-Air Sales Co	76 Main St. Tuckahoe, NY	WO1-4700
Mass	William A Hendrickson	291 First Parish Rd, Scituate, Mass	SC652
Mich	Lawrence F Zoffina Co	7351 Gratiot Ave, Detroit, Mich	
Minn	E W Oszman	12 E. 25th St, Minneapolis, Minn	FE9-3298
Miss	Jesse P Johnson Co	413 Dome Bldg, Chattanooga, Tenn	AM5-3463
Mo	Norman W Kathrinus & Co	4356 Duncan Ave, St. Louis, Mo	OL2-7005
Mont	M K Widdekind Co	222 First Ave, ND, Seattle, Wash	
Neb	Norman W Kathrinus & Co	4356 Duncan Ave, S. Louis, Mo	OL2-7005
Nev	Moulthrop & Hunter	165 Eleventh St, San Francisco, Cal	UN3-7860
NH	William A Hendrickson	291 First Parish Rd, Scituate, Mass	SC652
NJ	Land-C-Air Sales Co	76 Main St. Tuckahoe, NY	WO1-4700
NM	Hyde Electronics	5206 Constitution Ave, N.E., Albuquerque, NM	
NY	Land-C-Air Sales Co	76 Main St. Tuckahoe	WO1-4700
NC	Jesse P Johnson Co	413 Dome Bldg, Chattanooga, Tenn	AM5-3463
ND	E W Oszman	12 E. 25th St, Minneapolis, Minn	FE9-3298
Ohio	Weller-Rahe Co	Box 212, Worthington, Ohio	TU5-7819
Okla	John B Guenther	4533 N. Central Expwy, Dallas, Tex	LA8-6286
Ore	M K Widdekind Co	222 First Ave, ND, Seattle, Wash	
Pa	Land-C-Air Sales Co	76 Main St. Tuckahoe, NY	WO1-4700
Pa	Weller Rahe Co	Box 212, Worthington, Ohio	
RI	William A Hendrickson	291 First Parish Rd, Scituate, Mass	SC652
SC	Jesse P Johnson Co	413 Dome Bldg, Chattanooga, Tenn	AM5-3463
SD	E W Oszman	12 E. 25th St, Minneapolis, Minn	FE9-3298
Tenn	Jesse P Johnson Co	413 Dome Bldg, Chattanooga, Tenn	AM5-3463
Tex	John B Guenther	4533 N. Central Expwy, Dallas, Tex	LA8-6286
Utah	Hyde Electronics	888 S. Lipan St, Denver, Colo	WE6-3455
Vt	William A Hendrickson	291 First Parish Rd, Scituate, Mass	SC652
Va	Land-C-Air Sales Co	201 Epsilon Pl, Annandale, Va	
Wash	M K Widdekind Co	222 First Ave, ND, Seattle, Wash	
W. Va	Weller-Rahe Co	Box 212, Worthington, Ohio	TU5-7819
Wisc	Felleisen Associates	5441 W. Montrose Ave, Chicago, Ill	SP7-1060
Wyo	Hyde Electronics	888 S. Lipan St, Denver, Colo	WE6-3455
Foreign	Morhan Exporting	458 Broadway, New York, NY	WO5-1257
Can	Benco Television Assoc. Ltd	27 Taber Rd. Rexdale, Ont	

BLUE M ELECTRIC CO — 138 & Chatham, Blue Island, Ill — FU5-9000
A Lazzara #5 *75 A 250-370-735-1215-1420-1795

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	W H Curtin & Co	315 Brown Marx Bldg, Birmingham	
Cal	Blue M Engrg Co	2312 S. Main St, L A 7, Cal	RI7-7151
Conn	Macalaster Bicknell Co	181 Henry St. New Haven	MA4-4191
Fla	W H Curtin & Co	Box 1016, Jacksonville, Fla	
Ga	Will Corp of Ga	Box 19654 Sta "N", Atlanta 1	
Ill	Chicago Apparatus Co	1735 N Ashland Ave. Chicago 22	BR8-4630
Ind	Law Instrument Co	Box 35, Angola, Ind	
Ky	B Preiser Co	949 S 3rd St. Louisville	JU3-0666
La	W H Curtin & Co	PO Box 1491, New Orleans 13	524-0475
Md	Gardner Lab, Inc	PO Box 5728, Bethesda 14	OL6-3600
Mass	Macalaster-Bicknell Co	243 Broadway At Windsor, Cambridge 39	KI7-6933
Mich	Claud S Gordon Co	7049 E Grand Blvd. Detroit	
Minn	George T Walker & Co	2218 University Ave. SE, Mpls 14	
Mo	Aloe Scientific Co	1831 Olive St. St Louis 3	CH1-5700
NJ	Ace Glass Inc	Vineland, NJ	
NY	Claude A Gates Co	27 Locust Ave. New Rochelle	NE2-1455
Ohio	Chemical Rubber Co., The	2310 Superior Ave. Cleveland 14	SU1-5331
Pa	Fisher Scientific Co	717 Forbes St. Pittsburgh 19	EX1-1330
Tex	W H Curtin & Co	PO Box 5304, Dallas 22	RI7-2503
W Va	B Preiser Co, Inc	PO Box 551, Charleston 2	DI3-5515
Wis	Claud S Gordon Co	647 W Virginia St. Milwaukee 4	BR1-1271

BODINE ELECTRIC CO — 2500 W. Bradley Pl, Chicago 18, Ill — IR8-3515
W Yegerst #14 *525 F 1165

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	H M Hill C E Mello	405 S. Main St, Los Angeles 13, Cal	MA9-9159
Cal	J F Cady	1465 Bayshore Blvd, San Francisco 24, Cal	JU5-4178
Conn	H C Mayorga	55 W 42nd St, New York 36, NY	LO5-2841
Del	H C Mayorga	55 W. 42nd St, New York 36, NY	LO5-2841
DC	H C Mayorga	55 W. 42nd St, New York 36, NY	LO5-2841
Me	F L Olson	119 Great Rd, Bedford, Mass	CR4-7644
Md	H C Mayorga	55 W. 42nd St, New York 36, NY	LO5-2841
Mass	F L Olson	119 Great Rd, Bedford, Mass	CR4-7644
Mich	C D Miller	P.O. Box 36, Grosse Ile, Mich	DU6-7000
Minn	A C Jacobsen	338 E. Franklin Ave, Minneapolis 4, Minn	FE6-1985
NH	F L Olson	119 Great Rd, Bedford, Mass	CR4-7644
NJ	H C Mayorga	55 W. 42nd St, New York 36, NY	LO5-2841
NY	H C Mayorga	55 W. 42nd St, New York 36, NY	LO5-2841
NY	S E Shea	4541 Main St, Buffalo 26, NY	TF9-2243
Ohio	W R Uffelman	4500 Euclid Ave, Cleveland 3, Ohio	HE1-7715
Ohio	C D Miller	P.O. Box 36, Grosse Ile, Mich	DU6-7000
Okla	General Power Equipment Co	5507 Dyer St, Dallas 6, Tex	EM8-4655
Ore	J F Cady	1465 Bayshore Blvd, San Francisco 24, Cal	JU5-4178
Ore	L Spriggs	2347 Broadway St, North Bend, Ore	SN9-5454
Pa	H C Mayorga	55 W. 42nd St, New York 36, NY	LO5-2841
Pa	W R Uffelman	4500 Euclid Ave, Cleveland 3, Ohio	HE1-7715
RI	F L Olson	119 Great Rd, Bedford, Mass	CR4-7644
Tex	John A Hardey	3202 Sul Ross, Houston 6, Tex	JA2-7401
Tex	General Power Equipment Co	5507 Dyer St, Dallas 6, Tex	EM8-4655
Vt	F L Olson	119 Great Rd, Bedford, Mass	CR4-7644
Wash	J F Cady	1465 Bayshore Blvd, San Francisco 24, Cal	JU5-4178
Wisc	A C Jacobsen	338 E. Franklin Ave, Minneapolis 4, Minn	FE6-1985
Can	Renold Chains Canada, Ltd	Offices in Clarkson, Edmonton, London, Montreal, Quebec, Vancouver, & Winnipeg	

• **BODNAR PRODUCTS CORP** — 238 Huguenot St. New Rochelle, NY — NE6-4664
J Lesser #4 *45 C 565-960-1190-1245-1290-1295

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Crowell-Wamble Sales	2727 Aloma Ave. Winter Park, Fla	
Ariz	Frank A Emmet Co	341 W Orchid Ln. Phoenix	WI3-1084
Ark	Kay Sales Co	2600 Grand Ave. Kansas City 8, Mo	BA1-3800
Cal	Frank A Emmet Co	315 N Hoover St. Los Angeles 4	NO5-5992
Colo	Bowden Engineering & Sales Co	8900 Snowflight Blvd. Albuquerque, NM	AX9-0473
Conn	Henry P Segel Co. Inc	355 Washington St, Brookline 46, Mass	BE2-7525
DC	Pace, Inc	2814 Radius Rd. Wheaton, Md	WH2-0979
Fla	Crowell-Wamble Sales	2727 Aloma Ave. Winter Park	
Ga	Crowell Wamble Sales	2727 Aloma Ave. Winter Park, Fla	
Ill	William E Burgoyne	7701 N Clark St. Chicago 26	HO5-2112
Ind	William E Burgoyne	7701 N Clark St. Chicago 26, Ill	HO5-2112
Iowa	Kay Sales Co	3702 41st Pl. Des Moines	BL5-4584
Kan	Kay Sales Co	400 Emporia, Wichita	HO4-2993
La	G P Sales Co	Box 693, Grand Prairie, Tex	AN2-1677
Me	Henry P Segel Co. Inc	355 Washington St, Brookline 46, Mass	BE2-7525
Md	Pace, Inc	2814 Radius Rd, Wheaton	WH2-0979
Mass	Henry P Segel Co. Inc	355 Washington St. Brookline 46	BE2-7525
Mich	D W Mattsson & Assoc	909 W Michigan Ave. Jackson	ST4-8920
Miss	Crowell-Wamble Sales	2727 Aloma Ave. Winter Park, Fla	
Mo	Kay Sales Co	2600 Grand Ave. Kansas City 8	BA1-3800
Nev	Frank A Emmet Co	315 N Hoover St. Los Angeles 4, Cal	NO5-5992
NH	Henry P Segel Co. Inc	355 Washington St. Brookline 46, Mass	BE2-7525
NM	Bowden Engineering & Sales Co	8900 Snowflight Blvd. NE, Albuquerque	AX9-0473
NY	Irving Hendelman	54 Miller Rd. Farmingdale	CHa-4793
NC	Crowell-Wamble Sales	2727 Aloma Ave. Winter Park, Fla	
Ohio	John R Simpkins Co	319 W Park Ave. Lebanon	LE4-2751
Okla	Kay Sales Co	400 Emporia, Wichita, Kan	HO4-2993
Ore	Roy H Cooley & Assoc	101 Jones Bldg, Seattle 1, Wash	MU2-4567
RI	Henry P Segel Co. Inc	355 Washington St. Brookline 46, Mass	BE2-7525
SC	Crowell-Wamble Sales	2727 Aloma Ave. Winter Park, Fla	
Tex	G P Sales Co	Box 693, Grand Prairie	AN2-1677
Utah	Bowden Engineering & Sales Co	8900 Snowflight Blvd. Albuquerque, NM	AX9-0473
Vt	Henry P Segel Co. Inc	355 Washington St. Brookline 46, Mass	BE2-7525
Va	Pace, Inc	2814 Radius Rd. Wheaton, Md	WH2-0979
Wash	Roy H Cooley & Assoc	101 Jones Bldg, Seattle 1	MU2-4567
Wis	William E Burgoyne	4378 N Nelson Dr. Milwaukee 11	

BOEHM CO., R A — 58 Brooklyn Ave, Merrick, NY — FR8-6040
R Boehm #3 C 105-360-1165

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
NJ	A E Nelson	3 E Westfield Ave, Roselle Park, NJ	CH1-0678

BOEHME INC., H O — 915 Broadway, New York 10, NY — SP7-2208
J Ringhoff #6 *100 330-895-945-950

BOESCH MFG DIV. WALTHAM PREC INST CO. INC — 45 River St. Danbury, Conn — PI3-3886
F Schatzle #10 *125 E 360-895-1075

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	W A Brown & Assoc. Inc	3405 Lockard Dr. SW, Huntsville	JE6-8333
Ariz	Raymond Kimball	35 N. Raymond Ave, Pasadena, Cal	MU1-9717
Cal	Raymond Kimball	35 N. Raymond Ave, Pasadena, Cal	MU1-9717
Colo	Raymond Kimball	35 N. Raymond Ave, Pasadena, Cal	MU1-9717
Conn	Technical Instruments Inc	1115 Main St, Bridgeport, Conn	FO8-4562
Del	W A Brown & Associates Inc	3510 Mt. Vernon Ave, Alexandria, Va	TE6-1800
DC	W A Brown & Associates Inc	3510 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Fla	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Ga	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Idaho	Raymond Kimball	35 N. Raymond Ave, Pasadena, Cal	MU1-9717
Ill	Marsland Distributing Corp	6699 Lincoln Ave. Chicago 45	OR6-1100
Ind	Marsland Distributing Corp	6730 19th, Indianapolis 19	FL6-4249
Iowa	Marsland Distributing Corp	6699 Lincoln Ave. Chicago 45, Ill	OR6-1100
Ky	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
La	Norvell Assoc	3503 Lemmon Ave. Dallas 19, Tex	LA6-7861
Me	Technical Instruments, Inc	90 Main St. Reading, Mass	944-3930
Md	W A Brown & Assoc. Inc	110 E Pennsylvania Ave. Towson 4	VA8-6744
Mass	Technical Instruments, Inc	90 Main St. Reading	944-3930
Mich	M P Odell Co	10531-31 W. McNichols, Detroit 21, Mich	UN2-1673
Minn	Marsland Distributing Corp	231 N Edgewood Ave. Minneapolis 27	LI5-4461
Miss	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Mo	Marsland Distributing Corp	6699 Lincoln Ave. Chicago 45, Ill	OR6-1100
Nev	Raymond Kimball	35 N. Raymond Ave, Pasadena, Cal	MU1-9717
NH	Technical Instruments, Inc	90 Main St. Reading, Mass	944-3930
NJ	G Curtis Engel & Associates	210 South St, Ridgewood, NJ	GI4-1400
NM	Raymond Kimball	35 N. Raymond Ave, Pasadena, Cal	MU1-9717
NY	G Curtis Engel & Associates	P.O. Box 164, Huntington Station, NY	HA3-7677
NY	Advanced Components Corp. Inc	119 Luther Ave. Liverpool	GR2-7[illegible]
NC	W A Brown & Assoc. Inc	1707 Princeton St. SW, Winston-Salem	PA5-5314
Ohio	M P Odell Co	2814 Center Ridge Rd, Westlake, Ohio	TR1-8200
Okla	Norvell Assoc	3503 Lemmon Ave. Dallas 19, Tex	LA6-7861
Ore	Raymond Kimball	35 N. Raymond Ave, Pasadena, Cal	MU1-9717
Pa	G Curtis Engel & Assoc	N Whitehall Rd. Norristown	BR9-0377
Pa	M P Odell Co	750 Pennsylvania Ave, Pittsburgh 21, Pa	FR1-1231
RI	Technical Instruments, Inc	90 Main St. Reading, Mass	944-3930
RI	Technical Instruments Inc	90 Main St. Reading, Mass	RE2-3330
SC	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Tenn	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Tex	Norvell Assoc	3503 Lemmon Ave. Dallas 19	LA6-7861
Utah	Raymond Kimball	35 N. Raymond Ave, Pasadena, Cal	MU1-9717
Vt	Technical Instruments, Inc	90 Main St. Reading, Mass	944-3930
Va	W A Brown & Assoc. Inc	3510 Mt Vernon Ave. Alexandria	TE6-1800
Wash	Raymond Kimball	35 N. Raymond Ave, Pasadena, Cal	MU1-9717
W Va	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Wis	Maryland Distributing Corp	6699 Lincoln Ave. Chicago 45, Ill	OR5-1100
For	Automation, Ltd	Vicarage Crescent, London SW 11	
Canada	Bayly Engineering Ltd	Hunt St, Ajax, Ontario, Canada	EM2-3741
Japan	Takachiho Koheki Co Ltd	47 Umeda, Cho, Kita-Ku, Osaka	
	BOGART MFG CORP	**315 Seigel St, Brooklyn 6, NY**	**HY7-4972**
	R Scheler #30 *200 E 25-45-50-385-670-895-1045-1135-1200-1735-1895-1955		
Ariz	Joe Davidson & Associates	P.O. Box 108, South Gate, Cal	NE6-2245
Cal	Joe Davidson & Associates	P.O. Box 108, South Gate, Cal	NE6-2245
Cal	Jay Stone & Associates	22250 Brookmill Rd, Los Altos, Cal	YO8-2770
Conn	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	CR6-6049
DC	Naudain Bohaker & Co	PO Box 276, McLean, Va	EL6-5980
Fla	Don S Phelps	1400 Clayton Dr, Orlando, Fla	GA4-9716
Ga	Don S Phelps	1400 Clayton Dr, Orlando, Fla	GA4-9716
Ill	Engineered Sales Co., Inc	3592 Milwaukee Ave, Chicago 41, Ill	PE6-0556
Ind	Engineered Sales Co., Inc	3592 Milwaukee Ave, Chicago 41, Ill	PE6-0556
Iowa	Engineered Sales Co., Inc	3592 Milwaukee Ave, Chicago 41, Ill	PE6-0556
Kan	Howell Sales Inc	PO Box 747, Grand Prairie, Tex	AN2-5151
Ky	Electro Sales Associates	Dabel Sta, Box 143, Dayton 20, Ohio	CH4-5551
Me	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	CR6-6049
Md	Naudain Bohaker & Co	7309 York Rd, Towson 4	VA5-5490
Mass	Dynamic Devices Inc	11 Albion St, Wakefield	CR6-6049
Mich	Electro Sales Associates	36500 Weideman Rd, Mt. Clemens, Mich	HO8-7461
Mo	Howell Sales Inc	PO Box 747, Grand Prairie, Tex	AN2-5151
NH	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	CR6-6049
NJ	Naudain-Bohaker & Co	Suburban Sta Bldg, Phila 3, Pa	LO4-3194
NM	Joe Davidson & Associates	PO Box 108, South Gate, Cal	NE6-2245
NY	NACO Electronics Corp	74 Park Ave, Rochester, NY	GR3-4164
NC	Dale Assoc Inc	2389 Nottingham Rd, Winston Salem	PA3-4205
NC	Dale Assoc Inc	PO Box 6096, Charlotte	ED4-7290
Ohio	Electro Sales Associates	Dabel Sta, Box 143, Dayton 20, Ohio	CH4-5551
Ohio	Electro Sales Associates	281 E. 216th St, Cleveland 23, Ohio	RE3-7444
Okla	Howell Sales Inc	PO Box 747, Grand Prairie, Tex	AN2-5151
Ore	Samuel N Strum Co	6204 E. Burnside, Portland, Ore	
Pa	Naudain-Bohaker & Co	Suburban Sta Bldg, Phila 3, Pa	LO4-3194
Pa	Electro Sales Associates	281 E. 216th St, Cleveland 23, Ohio	RE3-7444
RI	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	CR6-6049
SC	Dale Assoc	2389 Nottingham Rd, Winston-Salem, NC	PA3-4205
Tenn	Dale Assoc	2389 Nottingham Rd, Winston-Salem, NC	PA3-4205
Tex	Howell Sales Inc	PO Box 747, Grand Prairie	AN2-5151
Vt	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	CR6-6049
Va	Naudain Bohaker Inc	7309 York Rd, Towson 4, Md	VA5-5490
Wash	Samuel N Strum Co	1812 Broadway, Seattle, Wash	EA3-6117
Wisc	Engineered Sales Co., Inc	3592 Milwaukee Ave, Chicago 41, Ill	PE6-0556
For	Electrodesign	376 London Terrace, Ottawa, Ont	RU7-0981
For	Electrodesign	39 Mulholland St, Toronto 19, Ont	[illegible]
For	Thomson Electric Co	50 Rockefeller Plaza, NY, NY	CI5-0444
Canada	Electrodesign	716 Notre Dame St. W., Montreal	UN6-7167
	BOGEN-PRESTO DIV SIEGLER CORP	**Box 500, Paramus, NJ**	**DI3-5700**
	M Samberg 55-325-338-895-910-1195-1235-1255-1370-1425-1435-1470-1750-1765-1895-1905		
Ala	Hollingsworth & Still	508 Whitehead Bldg, Atlanta, Ga	MU8-5878
Alaska	Northwestern Agencies	4130 1st Ave, S., Seattle 4, Wash	MA3-8882
Ariz	Marshank Sales Co	7422 Melrose Ave, L A 46, Cal	WE8-2591
Ark	Texport Co	2147 Farrington Blvd, Dallas 7, Tex	RI8-6458
Cal	E L Berman Co	901 Bryant St, San Francisco 3	UN3-0317
Cal	Marshank Sales Co	7422 Melrose Ave, L A 46, Cal	WE8-2591
Colo	Ralph Stevenson	Box 17495, Salt Lake City, Utah	CR7-2615
Conn	Michael Scott Co	336 Washington St, Wellesley Hills, Mass	CE5-0102
Del	Be-Esco Sales Corp	45 S. Broadway, Yonkers, NY	YO3-0150
DC	Be-Esco Sales Corp	9131 Hollyoak Dr, Bethesda, Md	EM5-1670
Fla	H Bagwell	1711 Oaks Blvd, Winterpark	MI7-4150
Fla	R M Clark	2770 NE 53rd St. Pompano Beach	WH1-4980
Ga	Hollingsworth & Still	508 Whitehead Bldg, Atlanta 3, Ga	MU8-5878
Haw	E L Berman Co	901 Bryant St. San Francisco 3, Cal	UN3-0317
Idaho	Ralph Stevenson	2045 Walker Ln, Salt Lake City, Utah	CR7-2515
Idaho	Northwestern Agencies Inc	4130 1st Ave, S., Seattle, Wash	MA3-8882
Ill	Ray R Hutmacher Assoc	6669 Northwest Hwy, Chicago 31	NE1-3248
Ill	Forristal Young Sales Co	4053 Broadway, Kansas City, Mo	VA1-5330
Ind	Morris Cunningham & Assoc	6208 N. College Ave, Indpls, Ind	CL1-3222
Iowa	Forristal-Young Sales Co	111 10th St. NW, Cedar Rapids	EM5-9494
Kan	Forristal Young Sales Co	8147 Delmar Blvd, St. Louis, Mo	PA5-7701
Ky	Morris Cunningham & Assoc	6208 N. College Ave, Indpls, Ind	CL1-3222
La	Texport Co	2147 Farrington Blvd, Dallas, Tex	RI8-6458
Me	Michael Scott Co	336 Washington St, Wellesley Hills, Mass	CE5-0102
Md	Chas L Range	9131 Hollyoak Dr, Bethesda, Md	EM5-1670
Mass	Michael Scott Co	336 Washington St, Wellesley Hills, Mass	CE5-0102
Mich	Lee & Kane Co	10402 W. McNichols, Detroit 21, Mich	UN3-4161
Minn	Fred B Hill Co	6110 Excelsior Blvd, Mnpls 16, Minn	WE9-6727
Miss	Texport Co	2147 Farrington Blvd, Dallas, Tex	RI8-6458
Mo	Forristal Young Sales Corp	4053 Broadway, Kansas City, Mo	VA1-5330
Mont	Northwestern Agencies Inc	4130 1st Ave, S., Seattle 4, Wash	MA3-8882
Neb	Ralph S Stevenson	2045 Walker Ln, Salt Lake City, Utah	CR7-2515
Nev	E L Berman Co	901 Bryant St. San Francisco 3, Cal	UN3-0317
Nev	Marshank Sales Co	7422 Melrose Ave. Los Angeles 46, Cal	WE8-2591
NH	Michael Scott Co	336 Washington St, Wellesley Hills, Mass	CE5-0102
NJ	Be Esco Sales Corp	45 S. Broadway, Yonkers, NY	YO3-0150
NM	Ralph S Stevenson	2045 Walker Ln, Salt Lake City, Utah	CR7-2515
NY	Be Esco Sales Corp	45 S. Broadway, Yonkers, NY	YO3-0150
NY	LeRoy & McGuire	R D 1, Phelps, NY	KI8-4891
NY	LeRoy & McGuire	RD 4, Amsterdam	VI2-5979
NC	Joe Corn	4937 Gilmore Dr. Charlotte	JA3-2566
ND	Fred B Hill Co	6110 Excelsior Blvd, Mnpls 16, Minn	WE9-6727
Ohio	Wm E McFadden Co	150 E. Broad St, Columbus 15, Ohio	CA1-3350
Okla	Texport Co	2147 Farrington Blvd, Dallas, Tex	RI8-6458
Ore	Northwestern Agencies Inc	4130 1st Ave, S., Seattle 4, Wash	MA3-8882
Pa	Martin Weinberg	1122 E. Cliveden St, Phila, Pa	LI8-1122
Pa	F P Yanessi Co	312 Spring Valley Rd. Pittsburgh 16	CA1-4676
RI	Michael Scott Co	336 Washington St, Wellesley Hills, Mass	CE5-0102
SC	Hollingsworth & Still	508 Whitehead Bldg, Atlanta, Ga	MU8-5878
SD	Fred B Hill Co	6110 Excelsior Blvd, Mnpls 16, Minn	WE9-6727
Tenn	Hollingsworth & Still	508 Whitehead Bldg, Atlanta 3, Ga	MU8-5878
Tex	Texport Co	2147 Farrington Blvd, Dallas 7	RI8-6458
Utah	Ralph S Stevenson	2045 Walker Ln, Salt Lake City, Utah	CR7-2515
Vt	Michael Scott Co	336 Washington St, Wellesley Hills, Mass	CE5-0102
Va	Chas L Range	9131 Hollyoak Dr, Bethesda, Md	EM5-1670
Wash	Northwestern Agencies Inc	4130 1st Ave, S., Seattle 4, Wash	MA3-8882

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
W Va	F P Yanessi Co	312 Spring Valley Rd, Pittsburgh 16, Pa	CA1-4676
Wis	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis 16, Minn	WE9-6727
Wis	Ray R Hutmacher Assoc	6669 Northwest Hwy, Chicago 31, Ill	NE1-3248
Wyo	Ralph S Stevenson	2045 Walker Ln, Salt Lake City, Utah	CR7-2515
Foreign	M Hoffenberg	Bogen Presto, Paramus, NJ	DI3-5700
	BOGUE ELECTRIC MFG CO	**52 Iowa Ave, Paterson 3, NJ**	
	255-360-465-500-895-915-1165-1340-1445-1425		
	BOHYTE CO., THE	**Green St, Silverdale, Pa**	**AL7-2300**
	900-975-1290		
	BOND ELECTRONICS CORP	**60 Springfield Ave, Springfield, NJ**	**MU8-3838**
	1475		
	BON-DE ELECTRONIC LABS, INC	**361-363 Rantoul St, Beverly, Mass**	**WA2-1106**
	R MacDowell #3 *15 D 250-360-895-1075-1115-1375-1545-1795		
Cal	C W Swift & Associates	Box 311, Encino, Cal	ST4-[illegible]
Conn	F MacDowell Co., Inc	Box 100, Melrose 76, Mass	NO5-[illegible]
Mass	Richard F MacDowell Co., Inc	Box 100, Melrose 76, Mass	NO5-[illegible]
NY	Arthur M Rothman	141-10 41 Ave, Flushing 55, NY	IN3-1707
	BONE ENGINEERING CORP	**701 W. Broadway, Glendale 4, Cal**	
	233-560		
	BONNY MFG CORP	**146 Main St, Maynard, Mass**	**TW7-9311**
	#2 *50 E 120-175-220-715-750-770-1290-1755-1940		
Mass	Hope Associates	66 Parker St, Gardner, Mass	632/3030
Ohio	Quint Crowell & Co	3080 W. 117th St, Cleveland 11, Ohio	OR1-6633
	BOOKER & WALLESTAD INC	**3335 Gorham Ave, Minneapolis 26, Minn**	**WE9-7836**
	120-715-1285-1290		
	BOONSHAFT & FUCHS, INC	**Hatboro Ind Park, Hatboro, Pa**	**OS2-1240**
	H Anderson #10 *28 D 20-338-340-360-670-675-895-1075-1550-1555-1610		
Ala	H R Potts Co	P O Box 576, Levittown, Pa	[illegible]
Ariz	J S Kempf Co	10304 Prairie Ave, Inglewood 2, Cal	OR4-2165
Ark	N S Brown Assoc	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Cal	J S Kempf Co	10304 Prairie Ave, Inglewood 2, Cal	OR4-2165
Idaho	Western Electro-Dynamics Co	444 Dexter Horton Bldg, Seattle 4, Wash	MA2-4630
Kan	N S Brown Assoc	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Mo	N S Brown Assoc	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
NJ	Central Assoc	44 N Dean St, Englewood	LO8-0808
NY	Central Assoc	44 N Dean St, Englewood, NJ	LO8-0808
Nev	J S Kempf Co	10304 Prairie Ave, Inglewood 2, Cal	OR4-2165
Ohio	Kilroy-Whelan Corp	P O Box 277, Chagrin Falls	CH7-4037
Okla	N S Brown Assoc	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Ore	Western Electro-Dynamics Co	444 Dexter Horton Bldg, Seattle 4, Wash	MA2-4630
Pa	Kilroy-Whelan Corp	P O Box 277, Chagrin Falls, Ohio	CH7-4037
Tex	N S Brown Assoc	5852 Boca Raton Dr, Dallas 30	EM3-3698
Wash	Western Electro-Dynamics Co	444 Dexter Horton Bldg, Seattle 4	MA2-4630
W Va	Kilroy-Whelan Corp	P O Box 277, Chagrin Falls, Ohio	CH7-4037
•	**BOONTON ELECTRONICS CORP**	**738 Speedwell, Morris Plains, NJ**	**JE9-4210**
	J Frecht #5 *58 D 895		
Ala	James L Highsmith & Co	1002 Meridian St. N, Huntsville	JE9-6734
Ariz	O'Halloran Assoc	11636 Ventura Blvd, N Hollywood, Cal	TR7-0173
Cal	O'Halloran Assoc	805 San Antonio Rd, Palo Alto	DA6-1493
Cal	O'Halloran Assoc	11636 Ventura Blvd, N Hollywood	TR7-0173
Cal	O'Halloran Assoc	3549 Clairemont Dr, San Diego	BR3-5100
Colo	Parrish Electronics	2130 S Albion, Denver 22	SK6-5455
Conn	George Gregory Associates	Box 248, Cheshire, Conn	AT8-2900
Del	C F Paddock	8516 Georgia Ave, Silver Spring, Md	JU9-6554
DC	C F Paddock	8516 Georgia Ave, Silver Spring, Md	JU9-6554
Ga	James L Highsmith & Co	3733 Monroe Rd, Charlotte, NC	FR7-2545
Ill	Kenneth W Meyers Co	6713 N. Clybourn Ave, Chicago 31, Ill	SP4-6440
Ind	Kenneth W Meyers Co	6713 N. Clybourn Ave, Chicago 31, Ill	SP4-6440
Iowa	Arthur Engrg Sales Co	P.O. Box 2702, Milwaukee, Wisc	GA5-5919
Me	George Gregory Assoc	7 Erie St, Natick, Mass	OL5-1330
Md	C F Paddock	8516 Georgia Ave, Silver Spring, Md	JU9-6554
Mass	George Gregory Assoc	7 Erie St, Natick, Mass	OL5-1330
Mich	Dayton Assoc	15102 Kennebec St. Southgate	AV5-3125
Minn	Arthur Engrg Sales Co	Box 2702, Milwaukee, Wisc	GA5-5919
Nev	O'Halloran Assoc	11636 Ventura Blvd, N Hollywood, Cal	TR7-0173
NH	George Gregory Assoc	7 Erie St, Natick, Mass	OL5-1330
NJ	NLR Assoc	15 Tenney Ct, W Orange	RE1-0774
NM	Parrish Electronics	1417 San Mateo, NE, Albuquerque	262-6791
NY	SBM Assoc	232 Roosevelt Dr, Utica	RE2-4410
NY	SBM Assoc	Nolan Rd, RD 3, Binghamton	RA2-2648
NY	SBM Assoc	177 Winton Rd. N, Rochester 10	OL4-8440
NY	SBM Assoc	1943 W Fayette St, Syracuse	HO8-5041
NY	NLR Assoc	15 Tenney Ct, W Orange, NJ	RE1-0774
NC	James L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2545
Ohio	Dayton Assoc	8211 Avery Rd, Cleveland 41	JA6-3990
Ohio	Dayton Associates	Talbott Towers, Dayton 2, Ohio	BA3-9621
Pa	Dayton Associates	Talbott Towers, Dayton 2, Ohio	BA3-9621
Pa	NLR Assoc	525 Shoemaker Rd, Elkins Park	CA4-1553
RI	George Gregory Assoc	7 Erie St, Natick, Mass	OL5-1330
SC	James L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
Tenn	James L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
Utah	Parrish Electronics	12 E Stratford Ave, Salt Lake City	HU7-7847
Va	James L Highsmith & Co	P O Box 536, Richmond	EL9-1411
W.Va	Dayton Associates	Talbott Towers, Dayton 2, Ohio	BA3-9621
Wisc	Arthur Engrg Sales Co	Box 2702, Milwaukee, Wisc	GA5-5919
Foreign	A V Marano & Co., Inc	270 5th Ave, New York 1, NY	MU6-5577
Canada	Mel Sales Ltd	1959 Ave Rd, Toronto 11, Canada	HU1-0231
	BOONTON MOLDING CO	**Boonton, NJ**	**CO7-0004**
	C Green #8 *390 E 585-900-1285-1290-1305		
Conn	E P Bennett	34 Tuckahoe Ave, Tuckahoe, NY	WO1-2109
Ga	The Hilker Co	Box 5211, Winston-Salem, NC	PA4-8588
Mass	R A Bird	608 Washington St, Arlington, Mass	TR8-0238
NC	The Hilker Co	Box 5211, Winston-Salem, NC	PA4-8588
Pa	C G Davies	1120 Brill St, Philadelphia 24, Pa	PI3-0315
Pa	Wm H Stevenson	86 Heron Dr, Holland, Pa	EL7-6291
SC	The Hilker Co	Box 5211, Winston-Salem, NC	PA4-8588
	BOONTON POLYTECHNIC CO., INC	**14 Union St. Rockaway, NJ**	**OA7-7461**
	L O'Neil #3 *7 A 895		
Fla	Herbert V Lincoln	4243 Biltmore Rd. Orlando	MI4-0474

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ill	Process Instr & Eqpt Co	2115 W Marquette Rd, Chicago 36, Ill	HE4-2300
Ind	Process Instr & Eqpt Co	2115 W Marquette Rd, Chicago 36, Ill	HE4-2300
Iowa	Process Instr & Eqpt Co	2115 W Marquette Rd, Chicago 36, Ill	HE4-2300
Ky	Ankofsky Assoc, Inc	9181 Berwyn Ave, Detroit 39, Mich	KE2-4454
Mich	Process Instr & Eqpt Co	2115 W Marquette Rd, Chicago 36, Ill	HE4-2300
Mich	Ankofsky Assoc, Inc	9181 Berwyn Ave, Detroit 39	KE2-4454
Minn	Process Instr & Eqpt Co	2115 W Marquette Rd, Chicago 36, Ill	HE4-2300
Neb	Process Instr & Eqpt Co	2115 W Marquette Rd, Chicago 36, Ill	HE4-2300
Ohio	Ankofsky Assoc, Inc	9181 Berwyn Ave, Detroit 39, Mich	KE2-4454
Wis	Process Instr & Eqpt Co	2115 W Marquette Rd, Chicago 36, Ill	HE4-2300
•	**BOONTON RADIO CORP**	**50 Intervale Rd, Boonton, NJ**	**DE4-3200**
	H Long #20 *155 E 320-895		
Cal	Van Groos Co	21051 Costanso St, Woodland Hills, Cal	[illegible]
Cal	Van Groos Co	1178 Los Altos Ave, Los Altos, Cal	[illegible]
Colo	Gene French Co	1480 Hoyt, Denver 15, Colo	[illegible]
Conn	Instrument Associates	734 Asylum Ave, Hartford, Conn	[illegible]
Fla	Bivins & Caldwell	723 W. Smith Ave, Orlando, Fla	[illegible]
Ga	Bivins & Caldwell	3133 Maple Dr, N.E. Atlanta, Ga	[illegible]
Ill	Crossley Associates Inc	2501 W. Peterson Ave, Chicago 45, Ill	[illegible]
Ind	Crossley Associates Inc	5420 N. College Ave, Indianapolis, Ind	[illegible]
Mass	Instrument Associates	30 Park Ave, Arlington, Mass	[illegible]
Mich	S Sterling Co	15310 W McNichols Rd, Detroit	[illegible]
NY	E A Ossmann & Associates Inc	149 Front St, Vestal, NY	[illegible]
NY	E A Ossmann & Associates Inc	2363 James St, Syracuse, NY	[illegible]
NY	E A Ossmann & Associates Inc	830 Linden Ave, Rochester, NY	[illegible]
Ohio	Crossley Associates Inc	2801 Far Hills Ave, Dayton, Ohio	[illegible]
Ohio	S Sterling Co	5827 Mayfield Rd, Cleveland 24	[illegible]
Pa	S Sterling Co	4232 Brownsville Rd, Pittsburgh 27	[illegible]
Tex	Earl Lipscomb & Associates	3825 Richmond Ave, Houston, Tex	[illegible]
Tex	Earl Lipscomb & Associates	[illegible] Rd, Dallas, Tex	[illegible]
Utah	Gene French Co	138 S. 2nd East, Salt Lake City, Utah	
Va	Bivins & Caldwell Inc	1219 High St, Richmond, Va	[illegible]
Wash	ARVA, Inc	1320 Prospect St, Seattle 9	MA2-0177
For	George Sample & Son Pty Ltd	17-19 Anthony St, Melbourne C1, Aust	
	BOOTH CO., ARTHUR E	**265 S. Alexandria Ave, Los Angeles 4, Cal**	**DU1-2161**
	A Booth #4 *11 A 195-895-1340		
	BOOTS AIRCRAFT NUT CORP	**Newtown Turnpike, Norwalk, Conn**	**VI7-2446**
	R Riddle #6 *75 E 1205		
Ala	Dane & Co	P.O. Box 78, Sandy Springs, Ga	MA7-3498
Ariz	Boots Aircraft Western Div	432 N. Lake Ave, Pasadena, Cal	[illegible]
Cal	Boots Aircraft Western Div	432 N. Lake Ave, Pasadena, Cal	[illegible]
Cal	Charles G Fey	420 Market St, San Francisco 11, Cal	[illegible]
Colo	Charles G Miller	2717 Chelton Rd, Colo Springs, Colo	ME3-9765
Conn	Paul E Wolfe	460 Ridge View Rd, Orange, Conn	SY5-4343
Del	Paul E Wolfe	460 Ridge View Rd, Orange, Conn	SY5-4343
DC	Paul E Wolfe	460 Ridge View Rd, Orange, Conn	SY5-4343
Fla	Dane & Co	P.O. Box 78, Sandy Springs, Ga	MA7-3498
Fla	James Vann	4252 El Mar Dr, Lauderdale, Fla	[illegible]
Ga	Dane & Co	P.O. Box 78, Sandy Springs, Ga	MA7-3498
Idaho	Charles G Miller	2717 Chelton Rd, Colorado Springs, Colo	ME3-9765
Ill	E A Searing	406-C South Blvd, Evanston, Ill	[illegible]
Ill	Roy Johnson Jr	P.O. Box 216, Drayton Plains, Mich	OR3-3933
Ind	Wellman Engineering	4618 Winthrop Ave, Indianapolis 5, Ind	[illegible]
Iowa	E A Searing	406-C South Blvd, Evanston, Ill	[illegible]
Kan	Charles G Miller	2717 Chelton Rd, Colo Springs, Colo	ME3-9765
Ky	John A Lombard	P.O. Box 481, Dayton, Ohio	CR5-6336
Me	Paul E Wolfe	460 Ridge View Rd, Orange, Conn	SY5-4343
Md	Paul E Wolfe	460 Ridge View Rd, Orange, Conn	SY5-4343
Mass	Paul E Wolfe	460 Ridge View Rd, Orange, Conn	SY5-4343
Mich	Roy Johnson Jr	P.O. Box 216, Drayton Plains, Mich	OR3-3933
Minn	P L Coupini Sales Co	3405 E. 25th St, Mnpls 6, Minn	PA2-9322
Mo	Charles G Miller	2717 Chelton Rd, Colo Springs, Colo	ME3-9765
Mont	Charles G Miller	2717 Chelton Rd, Colo Springs, Colo	ME3-9765
NH	Paul E Wolfe	460 Ridge View Rd, Orange, Conn	SY5-4343
NJ	Paul E Wolfe	460 Ridge View Rd, Orange, Conn	SY5-4343
NM	Charles G Miller	2717 Chelton Rd, Colo Springs, Colo	ME3-9765
NY	Paul E Wolfe	460 Ridge View Rd, Orange, Conn	SY5-4343
NY	L M Lowless	544 Sibley Tower Bldg, Rochester, NY	[illegible]
NC	Dane & Co	P.O. Box 78, Sandy Springs, Ga	MA7-3498
ND	P L Coupini Sales Co	3405 E. 25th St, Mnpls, Minn	PA2-9322
Ohio	Roy Johnson Jr	P.O. Box 216, Drayton Plains, Mich	OR3-3933
Ohio	J A McMahon	1800 Euclid Ave, Cleveland, Ohio	[illegible]
Ohio	John A Lombard	P.O. Box 481, Dayton, Ohio	CR5-6336
Ore	C F Kenyon	1025 84th St, Bellevue, Wash	GL4-6217
Pa	Paul E Wolfe	460 Ridge View Rd, Orange, Conn	SY5-4343
RI	Paul E Wolfe	460 Ridge View Rd, Orange, Conn	SY5-4343
SC	Dane & Co	P.O. Box 78, Sandy Springs, Ga	MA7-3498
SD	P L Coupini Sales Co	3405 E. 25th St, Mnpls 6, Minn	PA2-9322
Tenn	Dane & Co	P.O. Box 78, Sandy Springs, Ga	MA7-3498
Tex	Charles G Miller	2717 Chelton Rd, Colo Springs, Colo	ME3-9765
Utah	Charles G Miller	2717 Chelton Rd, Colo Springs, Colo	ME3-9765
Vt	Paul W Wolfe	460 Ridge View Rd, Orange, Conn	SY5-4343
Va	Paul W Wolfe	460 Ridge View Rd, Orange, Conn	SY5-4343
Wash	C F Kenyon	1025 84th St, Bellevue, Wash	GL4-6217
Canada	Aeromotive Engrg Products	147 Hymus Blvd, Pointe Claire, Que, Can	ME1-4396
•	**BORG EQUIPMENT DIV AMPHENOL BORG ELECTRONICS CORP**	**120 S Main, Janesville, Wis**	**PL4-6616**
	W Dunn #100 *400 F 35-895-1165-1330		
Ala	Threlkeld-Duckett Assoc	Box 733, Birmingham	TR1-6642
Alas	Atlas Radio Corp. Ltd	50 Wingold Ave, Toronto, Can	RU1-6174
Ariz	R E McClendon Co	815 Yale Blvd, Albuquerque, NM	CH3-4561
Cal	Amphenol-Borg Electronics Corp	[illegible] Independence Blvd, Chatsworth	DI1-0710
Cal	Amphenol-Borg Electronics Corp	5424 [illegible] Blvd, Tarzana, L A	DI5-6810
Cal	G B Ellis Co	2013 El Camino Real, Mountain View	YO7-5531
Colo	R G Bowen Co	721 S Broadway, Denver	RA2-4641
Conn	Richard L Purinton, Inc	11 Muzzey St. Lexington, Mass	VO2-8300
Del	Richard L Purinton, Inc	11 Muzzey St. Lexington, Mass	VO2-8300
DC	J J Maguire Co	742 Investment Bldg, Washington	NA8-4247
Fla	Smith-Duckett Assoc	Box 1016, Stuart	AT7-1252
Ga	Grady-Duckett Sales Co	Box 11539, Atlanta	[illegible]
Idaho	R G Bowen Co	[illegible], Salt Lake City, Utah	[illegible]
Ill	Len F Fitz, Jr	[illegible] Newburg, Chicago	[illegible]
Ind	Manning Sales Co	3405 Butler Ct, Fort Wayne	[illegible]
Iowa	H A Ross & Co	411 S Main, Wichita, Kan	[illegible]

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Kan	H A Roes & Co	421 S Main, Wichita	BA1-0866
Ky	Hoening Sales Co	3405 Butler Ct. Fort Wayne, Ind	AN2083
La	Threlkeld-Duckett Assoc	Box 733, Birmingham, Ala	TR1-6642
Me	Richard L Purinton, Inc	11 Muzzey St. Lexington, Mass	VO2-8300
Md	J J Maguire Co	742 Investment Bldg. Washington, DC	NA8-4247
Mass	Richard L Purinton, Inc	11 Muzzey St. Lexington	VO2-8300
Mich	Grant Stafford Co	14241 Fenkell Ave. Detroit	BR3-5390
Minn	Northport Engineering, Inc	1729 Selby Ave. St Paul	MI6-2621
Miss	Threlkeld-Duckett Assoc	Box 733, Birmingham, Ala	TR1-6642
Mo	John McCune Co	Box 16, Florissant	TE7-3188
Mo	H A Roes & Co	2601 Cherry St. Kansas City	BA1-0866
Mont	Burt C Porter Co	1209 Poplar Pl. Seattle, Wash	EA3-8330
Neb	H A Roes & Co	2601 Cherry St. Kansas City, Mo	BA1-0866
NH	Richard C Purinton, Inc	11 Muzzey St. Lexington, Mass	VO2-8300
NJ	Amphenol-Borg Electronics Corp	310 Northern Blvd. Great Neck, NY	HU2-4700
NM	R E McClendon Co., The	915 Yale Blvd. SE, Albuquerque	CH3-4551
NY	Amphenol-Borg Electronics Corp	310 Northern Blvd. Great Neck	HU2-4700
NY	S F Foster Co	204 Smithfield Dr. Fayetteville	NE7-6137
NC	Fleming-Duckett Assoc	Box 11402, Charlotte	JA3-6337
ND	R G Bowen Co	721 S Broadway, Denver, Colo	RA2-4641
Ohio	G L Herrick Co	5603 Knoll Ave. Cincinnati	EL1-4441
Ohio	G L Herrick Co	21138 Lorain Ave. Cleveland	ED1-9144
Okla	H A Roes Co	421 S Main St. Wichita, Kan	BA1-0866
Ore	Burt C Porter Co	Box 1764, Portland	AT4-1718
Pa	Naudain-Behnke & Co	Suburban Sta Bldg. Philadelphia	LO4-3194
RI	Richard L Purinton, Inc	11 Muzzey St. Lexington, Mass	VO2-8300
SC	J J Maguire Co	742 Investment Bldg. Washington, DC	NA8-4247
SD	R G Bowen Co	721 S Broadway, Denver, Colo	RA2-4641
Tenn	Grady-Duckett Sales Co	Box 11528, Atlanta, Ga	DE3-5308
Tex	R E McClendon Co., The	137 Preston Hill Village, Dallas	FL2-4054
Utah	R G Bowen Co	453 E 3rd St. Salt Lake City	EM3-4528
Vt	Richard L Purinton, Inc	11 Muzzey St. Lexington, Mass	VO2-8300
Va	J J Maguire Co	742 Investment Bldg. Washington, DC	NA8-4247
Wash	Burt C Porter Co	1209 Poplar Pl. Seattle	EA3-8330
W Va	J J Maguire Co	742 Investment Bldg. Washington, DC	NA8-4247
Wis	Leo R Fitz, Jr	6038 N Newburg, Chicago, Ill	NE1-5488
Wyo	R G Bowen Co	721 S Broadway, Denver, Colo	RA2-4641
For	Dage Corp	219 E 44th St. New York, NY	MU2-6755
	BORG-WARNER CONTROLS DIV.		
	BORG-WARNER CORP	**3300 Newport Blvd. Santa Ana, Cal**	**KI5-5581**
	H Ayers #30 *330 E 895-1135-1435		
NY	G Whipple	Bayville Rd. Locust Valley	OR6-8666
Ohio	W Dixon	2743 Inwood, Springfield	FA2-3568
	BOSTITCH	**East Greenwich, RI**	**TU4-2500**
	#10 *700 G 345-940-1075		
	BOSTON FELT CO	**24 Brook St. Newton 58, Mass**	**WO9-8897**
	620-625		
	BOSTON GEAR WORKS	**98 Hayward St. Quincy 71, Mass**	**PR3-0490**
	E Williams *1200 G 390-535-755		
	BOSTON INSUL WIRE & CABLE CO	**65 Bay St, Boston 25, Mass**	**CO5-2104**
	R Cowan #7 *150 B 185-190-1960		
Ala	Emory Design & Equipment Co	P.O. Box 9013, Birmingham, Ala	TR1-1369
Ariz	Fred Schaeffer Associates	5922 S. Wilshire Dr, E., Tucson, Ariz	AX8-6173
Cal	Electronics Accessories, Inc	1710 N LaBrea, Los Angeles 38, Cal	HO9-1614
Fla	Emory Design & Equipment Co	P.O. Box 507, Bradenton, Fla	
Ill	Withers Rogers & Cahill	5430 W. Division St, Chicago, Ill	AU7-7292
Kan	Thunderbird Engrg Sls & Services Inc	2626 Main St, Kansas City, Kan	WE1-9779
Kan	Thunderbird Engrg Sls & Services Inc	6405 Kellogg St, Wichita, Kan	MU4-3941
Mo	Thunderbird Engrg Sls & Services Inc	7811 Carondelet Ave, St. Louis, Mo	PA6-1413
NM	Fred Schaeffer Associates	5822 S. Wilshire Dr, E., Tucson, Ariz	AX8-6173
NC	Bill Henry Associates	10430 Providence Rd, Charlotte 7, NC	FR5-8958
Ohio	Boston Insulated Wire & Cable Co	190 Columbus St, Chagrin Falls, Ohio	CH7-8642
Tenn	Simmons Sales Co	1015 Terry Circle, Memphis, Tenn	BR6-7257
Tex	Fleming Engineering Service	7001 Glen Hills Rd, Fort Worth 11, Tex	AT4-2663
Wash	G E Harris Co	444 Dexter Horton Bldg, Seattle, Wash	MA4-1673
Canada	Boston Insul Wire & Cable Co Ltd	118 Shaw St, Hamilton, Ontario, Canada	JA9-7151
Canada	W E M Weber Co	4330 Sir Geo Simpson, Montreal, Que, Can	ME4-2098
Canada	Boston Insul Wire & Cable Co Ltd	Lochlin Dr, Toronto, Ontario, Canada	
	BOULEVARD ELECTRONICS INC	**4757 N Ravenswood, Chicago 40, Ill**	**LO1-3355**
	F Boscomb #1 *12 B 45-365-895-915		
	BOURNS INC	**6135 Magnolia Ave, Riverside, Cal**	**OV6-1700**
	R Archer *1,000 G 15-515-1230-1460-1475-1480-1850		
Ala	V Avis McCorvey Co	2248 3rd St. NW, Birmingham 15	
Ariz	Hyde Electronics Co	2902 W. Villa, Phoenix, Ariz	AP8-2266
Ark	Southwest Electronic Industries	Meadows Bldg, Dallas, Tex	EM3-1671
Cal	Wm J Purdy Co	312 7th St, San Francisco, Cal	UN3-3300
Colo	Hyde Electronics Co	888 S. Lipan St, Denver, Colo	WE6-3456
Conn	Gerber Sales Co	31 Broadway, New Haven	SP7-6279
Del	Thomas H Closs Co	21 W. Pennsylvania Ave, Towson, Md	VA5-4445
DC	Thomas H Closs Co	21 W. Pennsylvania Ave, Towson, Md	VA5-4445
Fla	V Avis McCorvey Co	2469 N. Decatur Rd. Decatur, Ga	636 2502
Ga	V Avis McCorvey Co	2469 N. Decatur Rd. Decatur	636 2502
Idaho	Burt C Porter Co	1209 Poplar Blvd, Seattle, Wash	EA3-8330
Ill	Gassner & Clark Co	6644 N. Western Ave, Chicago, Ill	RO4-6121
Ill	McDowell Redlingshafer Sales Co	1103 E. Armour, Kansas City, Mo	WE1-5622
Ind	Robt O Whitesell & Associates	6620 E. Washington St, Indpls, Ind	FL9-5374
Iowa	Gassner & Clark Co	6644 N. Western Ave, Chicago, Ill	RO4-6121
Iowa	McDowell Redlingshafer Sales Co	1103 E. Armour, Kansas City, Mo	WE1-5622
Kan	McDowell Redlingshafer Sales Co	1103 E. Armour, Kansas City, Mo	WE1-5622
Ky	Robt O Whitesell & Associates	Boerger Bldg, Cincinnati, Ohio	ME1-9210
La	Southwest Electronic Industries	Meadows Bldg, Dallas, Tex	EM3-1671
Me	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Md	Thomas H Closs Co	21 Pennsylvania Ave, Towson, Md	VA5-4445
Mass	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Mich	A B M Sales Co	10116 Puritan Ave, Detroit, Mich	UN2-1300
Minn	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis, Minn	WE9-6727
Minn	Mel Foster Co. Inc	2402 Hennepin Ave. Mnpls	FR4-2612
Miss	V Avis McCorvey Co	2469 N. Decatur Rd. Decatur, Ga	636 2502
Mo	McDowell Redlingshafer Sales Co	1103 E. Armour, Kansas City, Mo	WE1-5622
Mont	Burt C Porter Co	1209 Poplar Pl, Seattle, Wash	EA3-8330
Neb	McDowell Redlingshafer Sales Co	1103 E. Armour, Kansas City, Mo	WE1-5622
Nev	Wm J Purdy Co	312 7th St, San Francisco, Cal	UN3-3300
NH	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NJ	Sunday-O'Brien	15 Potter St. Haddonfield	HA9-4013
NJ	Kenneth E Hughes Co. Inc	4808 Bergenline Ave. Union City	UN7-3204
NJ	D R Bittan Co	104 S. Central Ave, Valley Stream, NY	LO1-2444
NM	Hyde Electronics Co. Inc	5206 Constitution Ave. NE, Albuquerque	AM8-1111
NY	H C Johnson Agencies Inc	9 Ivan Ln. Binghamton	RA3-5889
NY	H C Johnson Agencies Inc	422 Niagara Falls Blvd. Buffalo 22	TF2-4591
NY	D R Bittan Co	104 S. Central Ave, Valley Stream, NY	LO1-2444
NY	Wolly B Swann	2310 Bellevue Ave, Syracuse, NY	GR8-2141
NC	V Avis McCorvey Co	2469 N. Decatur Rd. Decatur, Ga	636 2502
ND	Mel Foster Co. Inc	2402 Hennepin Ave. Mnpls, Minn	FR4-2612
ND	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis, Minn	WE9-6727
Ohio	Neal Bear Corp	3435 Streetsboro Rd, W. Richfield, Ohio	OL9-3331
Ohio	Robt O Whitesell & Associates	Boerger Bldg, Cincinnati, Ohio	ME1-9210
Okla	Southwest Electronic Industries	Meadows Bldg, Dallas, Tex	EM3-1671
Ore	Burt C Porter	1209 Poplar Pl. Seattle 44, Wash	EA3-8330
Pa	Sunday-O'Brien	15 Potter St. Haddonfield, NJ	HA9-4013
Pa	Neal Bear Corp	Box 207, Turtle Creek	VA3-5117
Pa	Kenneth E Hughes Co. Inc	101 N. 33rd St. Phila 4	EV6-3130
RI	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
SC	V Avis McCorvey Co	2469 N. Decatur Rd. Decatur, Ga	636 2502
SD	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis, Minn	WE9-6727
Tex	Servo/Electronics Prods. Co	Box 13371, Dallas 20	FL1-4653
Tex	Southwest Electronic Industries	Meadows Bldg, Dallas, Tex	EM3-1671
Utah	Hyde Electronics Co	2600 Connor St, Salt Lake City, Utah	IN7-5763
Vt	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Va	Thomas H Closs Co	21 W. Pennsylvania Ave, Towson, Md	VA5-4445
Wash	Burt C Porter Co	1209 Poplar Pl, Seattle, Wash	EA3-8330
W Va	Neal Bear Corp	3435 Streetsboro Rd. W. Richfield, Ohio	OL9-3331
Wisc	Gassner & Clark Co	6644 N. Western Ave, Chicago, Ill	RO4-6121
Wyo	Hyde Electronics Co	888 S. Lipan St, Denver, Colo	WE6-3456
For	Painton & Co. Ltd	Kingsthorpe, Northampton, Eng	34251
Can	R-O-R Assoc. Ltd	1470 Don Mills Rd. Don Mills, Ont	HI4-4429
	BOW SOLDER PRODUCTS CO., INC	**251 Freeman St, Brooklyn 22, NY**	**EV9-4863**
	S Tarkus Jr *25 D 700-1635		
Ariz	Yarbrough Sales Co	2686 Mission St, San Marino, Cal	
Cal	Yarbrough Sales Co	2636 Mission St, San Marino, Cal	
Ind	Victor Musser	608 W. 2nd St, Marion, Ind	
Ky	Victor Musser	608 W. 2nd St, Marion, Ind	
Nev	Yarbrough Sales Co	2636 Mission St, San Marino, Cal	
NJ	I Solotoff	1955 Bogart Ave, Bronx 62, NY	
NY	I Solotoff	1155 Bogart Ave, Bronx 62, NY	
	BOWERS BATTERY &		
	SPARK PLUG CO	**Box 1262, Reading, Pa**	**WA9-0771**
	F Grebe *500 G 70		
Conn	Bowers Battery & Spark Plug Co	132 Brownell St, New Haven, Conn	FU9-3211
Ga	Bowers Battery & Spark Plug Co	P.O. Box 1177, Macon, Ga	SH3-1561
Md	Bowers Battery & Spark Plug Co	612 Battery Ave, Baltimore 30, Md	MU5-7154
NY	Bowers Battery & Spark Plug Co	382 Virginia St, Buffalo, NY	L0584
NY	Bowers Battery & Spark Plug Co	20 Windsor St, Jamestown, NY	31222
NC	Bowers Battery & Spark Plug Co	831 Moretz Ave, Charlotte, NC	FR6-8115
Ohio	Patterson Mfg Co	437 Park Ave, N.W. New Phila, Ohio	42124
Ohio	Bowers Battery & Spark Plug Co	784 N. High St, Columbus, Ohio	CA4-7100
Pa	Bowers Battery & Spark Plug Co	3411 Saw Mill Run Blvd, Pittsburgh, Pa	TU1-3872
Pa	Bowers Battery & Spark Plug Co	1205-15 N. 8th St, Philadelphia 22, Pa	PO3-6363
SC	Bowers Battery & Spark Plug Co	P.O. Box 71, Greer, SC	TR7-7471
Va	Bowers	937 Myers St, Richmond, Va	EL9-2766
•	**BOWMAR INSTRUMENT CORP**	**8000 Bluffton Rd, Fort Wayne, Ind**	**S-3121**
	G McCarthy #35 *450 F 20-338-360-535-755-895-1165-1395-1470-1550-1555		
Ala	George Bohman	711 Magnolia Ave. Orlando, Fla	GA5-6860
Ariz	Jewett Co	32-B First St. Scottsdale	WH5-9711
Ark	Southwest Electronic Ind	Meadows Bldg, Dallas 6, Tex	EM3-1671
Cal	Samuel O Jewett Co	13111 Ventura Blvd, N. Hollywood, Cal	ST9-6103
Conn	Bowmar Instrument Corp	40 Middle Neck Rd. Great Neck, NY	HU1-2750
Conn	Bowmar Instrument Corp	40 Middle Neck Rd, Great Neck, NY	HU2-1750
Del	F Jack Hartley	1001 15th St. NW, Washington, DC	ST3-0770
DC	F Jack Hartley	1001 15th St. NW, Washington, DC	ST3-0770
Fla	George Bohman	711 Magnolia Ave. Orlando	GA5-6060
Ga	George Bohman	711 Magnolia Ave. Orlando, Fla	GA5-6860
Ill	Ridley Associates	1551 N. Austin Blvd, Chicago 51, Ill	TU9-2940
Iowa	Ridley Associates	1551 N. Austin Blvd, Chicago 51, Ill	TU9-2940
Kan	John Durbin Co	1101 Forestwood, St Louis 35	JA1-1233
Ky	Sheridan Associates Inc	Roselawn Ctr Bldg, Cincinnati, Ohio	ME1-2460
La	Southwest Electronic Industries	Meadows Bldg, Dallas 6, Tex	EM3-1671
Me	Robert G Klein	PO Box 155, Pittsford, NY	LU6-4538
Md	F Jack Hartley	1001 15th St. NW, Washington, DC	ST3-0770
Mass	Robert G Klein	PO Box 155, Pittsford, NY	LU6-4538
Minn	Ridley Assoc	3424 E Lake St. Mnpls 6	PA1-5225
Mo	John Durbin Co	1101 Forestwood St. St Louis 35	JA1-1233
NH	Robert G Klein	PO Box 155, Pittsford, NY	LU6-4538
NJ	F Jack Hartley	Pattenburg, NJ	CL743
NM	Southwest Electronic Industries	PO Box 8284, Albuquerque	
NY	Bowmar Instrument Corp	40 Middle Neck Rd, Great Neck, NY	HU2-1750
NY	Robert G Klein	PO Box 155, Pittsford	LU6-4538
NC	F Jack Hartley	1001 15th St. Washington, DC	ST3-0770
Ohio	Sheridan Associates Inc	Roselawn Ctr Bldg, Cincinnati 37, Ohio	ME1-2460
Ohio	Sheridan Associates Inc	6333 York Rd, Cleveland 30, Ohio	TU4-6060
Ohio	Sheridan Associates Inc	4217 N. Main St, Dayton 5, Ohio	CR7-7212
Okla	Southwest Electronic Industries	Meadows Bldg, Dallas 6, Tex	EM3-1671
Pa	Sheridan Associates Inc	6333 York Rd, Cleveland 30, Ohio	TU4-6060
Pa	F Jack Hartley	Pattenburg, NJ	CL743
RI	Robert G Klein	PO Box 155, Pittsford, NY	LU6-4538
SC	F Jack Hartley	1001 15th St. Washington, DC	ST3-0770
Tex	Southwest Electronic Industries	Meadows Bldg, Dallas 6, Tex	EM3-1671
Vt	Robert G Klein	PO Box 155, Pittsford, NY	LU6-4538
W Va	F Jack Hartley	1001 15th St. Washington, DC	ST3-0770
Wisc	Ridley Associates	1551 N. Austin Blvd, Chicago 51, Ill	TU9-2940
	BRACH MFG CORP	**200 Central Ave, Newark, NJ**	**HU2-1500**
	#2 *250 E 45-275-338-360-895-915-1135-1145-1340-1420-1455-1855		
Conn	Murray Salit	Box 47, New York 52, NY	CY3-8082
Ind	Midwest Sales Co	3219 W. 117th St, Cleveland 11, Ohio	
Ky	Midwest Sales Co	3219 W. 117th St, Cleveland 11, Ohio	
Mich	E F Gerrity	1580 E. Grand Blvd. Detroit 11	WA3-5443
NJ	Murray Salit	Box 47, New York 52, NY	CY3-8082
NY	Murray Salit	Box 45, New York 52, NY	CY3-8082

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NY	General Bronze Corp	100 Park Ave, New York, NY	MU9-3270
Ohio	Midwest Sales Co	3219 W. 117th St, Cleveland, Ohio	
Pa	Murray Salit	Box 47, New York 52, NY	CY3-8082
Pa	Midwest Sales Co	3219 W. 117th St, Cleveland, Ohio	
W. Va	Midwest Sales Co	3219 W. 117th St, Cleveland, Ohio	
•	**BRACKE-SEIB X-RAY CO., INC.**	**16 Pelham Bay, Pk W., Pelham Manor, NY**	**PE8-4346**
	E Bracke #1 *12 A 895-1135-1340-1400		
	BRADFORD COMPONENTS INC	**65 South Ave, Salamanca, NY**	**2340**
	J Peux #2 *50 B 320-1460-1475-1855		
Cal	Mossman Pacific Inc	776 W. Front St, Covina, Cal	ED1-2223
Ill	Ellinger Sales Corp	6540 Northwest Hwy. Chicago 31	RO3-1570
Ind	William A Meily Co., The	4017 S Harrison Blvd. Fort Wayne	KE2461
Md	Leff & Eader Corp	1944 Edgewood Rd. Baltimore 4	VA5-1130
Mass	Herb Mandell Co	P O Box 24, Revere	AT9-3787
NJ	Ed Nemeth Assoc	13-08 Morlot Ave. Fair Lawn	SW7-7500
NJ	Leff & Eader Corp	11 Peppermint Ln. Levittown	TR7-4040
NY	Components for Industry	23 Sedgemoor Ct. Buffalo 21	NF3-8500
NY	Components for Industry	110 Boulevard Ln. Fayetteville	HE7-9601
NY	Niagara Electric Sales Co	133 S Clinton St. Rochester	HA6-2070
NY	Niagara Electric Sales Co	505 Delaware Ave. Buffalo	TT6-4000
•	**BRADLEY INDUSTRIES**	**1650-58 N. Damen Ave, Chicago 47, Ill**	**AR6-8197**
	135		
Cal	Bradley Associates Inc	403 S. LaBrea, Los Angeles 36, Cal	WE4-5141
NY	Bradley Associates Inc	1133 Broadway, New York 10, NY	AL5-5911
	BRADLEY SEMICONDUCTOR CORP	**275 Welton St, New Haven 11, Conn**	**ST7-7181**
	T Pridmore #17 *125 470-500-1445-1925		
Ariz	Costello & Co	2740 S. LaCienega Blvd, L A. Cal	UP0-8537
Cal	Costello & Co	2740 S. LaCienega Blvd, Los Angeles	UP0-8537
Conn	John E Boeing Co	Box 151, Branford, Conn	ST7-0115
DC	Robert Wilkinson Inc	707 Stevenson Ln, Towson, Md	DR7-7800
Idaho	Raymond E Vinson	3600 S Lincoln, Englewood, Colo	SU9-2203
Ill	R C Whitmore & Assoc	520 N Michigan Ave. Chicago, Ill	MO4-1904
Ill	Automatic General Electronics Sales	6550 B Troost, Kansas City, Mo	DE3-8206
Ind	R C Bauer & Assoc	Box 338, E. Whiting, Ind	SW350
Iowa	Merrill G Franklin Co	338 E Franklin Ave. Minneapolis 4, Minn	FE6-2315
Kan	Automatic General Electronic Sales	6550 B Troost, Kansas City, Mo	DE3-8206
Ky	R C Bauer & Assoc	Box 338, E. Whiting, Ind	SW350
Me	John E Boeing Co	Box 235, Lexington, Mass	VO2-2500
Md	Robert Wilkinson Inc	707 Stevenson Ln, Towson, Md	DR7-7800
Mass	John E Boeing Co	Box 235, Lexington, Mass	VO2-2500
Mich	Henschen Jensen & Co	2842 W Grand Blvd. Detroit 2, Mich	TR1-0308
Mich	E A Dickinson & Assoc	4117 N Green Bay Ave. Milwaukee, Wis	CO4-1080
Minn	Merrill G Franklin Co	338 E Franklin Ave. Minneapolis 4, Minn	FE6-2315
Mo	Automatic General Electronic Sales	6550 B Troost, Kansas City, Mo	DE3-8206
NH	John E Boeing Co	Box 235, Lexington, Mass	VO2-2500
NM	Raymond E Vinson	3600 S Lincoln, Englewood, Colo	SU9-2203
NJ	Era Inc	340 Great Neck Rd. Great Neck, NY	HU2-9320
NJ	Robert Wilkinson Inc	Box 215, Glenside, Pa	HA4-8400
NY	H C Johnson Agency Inc	111 Mt. Hope Ave, Rochester 20, NY	HA6-1080
NY	Era Inc	340 Great Neck Rd. Great Neck, NY	HU2-9320
NY	H C Johnson Agency	9 Ivan Ln. Binghamton, NY	RA3-5889
NY	H C Johnson Agency	Box 86, Brandywine Sta. Schenectady	FR4-5901
NY	H C Johnson Agency	422 Niagara Falls Blvd. Buffalo	AM4591
NY	H C Johnson Agency	404 Genesee St. Fayetteville	NE7-9383
ND	Merrill G Franklin Co	338 E Franklin Ave. Minneapolis 4, Minn	FE6-2315
Ohio	R G Sidnell & Co	1229 Westlake Ave, Cleveland, Ohio	AC1-1313
Okla	Ammon & Champion	2714 Bomar St. Dallas, Tex	FL7-3939
Ore	W J Sturgis Co	608 W Crockett, Seattle 9, Wash	AT2-7870
Pa	R G Sidnell & Co	1229 Westlake Ave, Cleveland, Ohio	AC1-1313
Pa	R G Sidnell & Co	615 Princeton Blvd. Pittsburg 21, Pa	CH2-1476
Pa	Robert Wilkinson Inc	Box 215, Glenside, Pa	HA4-8400
RI	John E Boeing Co	Box 235, Lexington, Mass	VO2-2500
SD	Merrill G Franklin Co	338 E Franklin Ave. Minneapolis 4, Minn	FE6-2315
Tex	Ammon & Champion	2714 Bomar St. Dallas, Tex	FL7-3939
Utah	Raymond E Vinson	Box 865, Salt Lake City, Utah	EL5-4164
Vt	John E Boeing Co	Box 235, Lexington, Mass	VO2-2500
Va	Robert Wilkinson Inc	Box 218, Falls Church, Virginia	JE2-6076
Wash	W J Sturgis Co	608 W Crockett, Seattle 9, Wash	AT2-7870
W Va	R G Sidnell & Co	1229 Westlake Ave. Cleveland, Ohio	AC1-1313
Wis	E A Dickinson & Assoc	4117 N Green Bay Ave. Milwaukee	CO4-1080
Wyo	Raymond E Vinson	3600 S Lincoln, Englewood, Colo	SU9-2203
For	Microwave International Corp	36 W 44 St. New York 36, NY	YU6-2738
Canada	Wholesale Radio & Electr Ltd	66 Orfus Rd, Toronto, Canada	RU7-1271
	BRADY CO., W H	**727 W. Glendale Ave, Milwaukee 2, Wisc**	**ED2-8100**
	W Aldrich #5 525-605-895-965-1090-1190-1965		
Ala	W M Rapp	3230 Peachtree Rd, N.E., Atlanta 5, Ga	CE3-0136
Ariz	J Metzler	923 E. Third St, Los Angeles 13, Cal	MA6-2696
Ark	W B Curtin	519 Lee Ave, St. Louis, Mo	ST1-6290
Cal	J E Friedman	1246 Folsom St, San Francisco 3, Cal	HE1-8480
Cal	J Metzler	923 E. Third St, Los Angeles 13, Cal	MA6-2896
Colo	J Metzler	923 E. Third St, Los Angeles 13, Cal	MA6-2696
Conn	J I Stone	449 Broad St. Newark 2, NJ	HU4-6330
Del	R L Klumpp	4401 Germantown, Philadelphia 40, Pa	GL7-0100
DC	J T Ruof	2523 Wilson Blvd. Arlington 1, Va	JA4-4868
Fla	W M Rapp	3230 Peachtree Rd, N.E., Atlanta 5, Ga	CE3-0136
Ga	W M Rapp	3230 Peachtree Rd, N.E., Atlanta 5, Ga	CE3-0136
Idaho	J E Friedman	1246 Folsom St, San Francisco 3, Cal	HE1-8480
Ill	W J Tuite	6965 W. Belmont Ave, Chicago, Ill	NA2-2731
Ind	R E Lux	3533 Epley Rd. Cincinnati 39, Ohio	JA2-3337
Kan	W B Curtin	519 Lee Ave, St. Louis, Mo	ST1-6290
Ky	R E Lux	3533 Epley Rd. Cincinnati 39, Ohio	JA2-3337
La	W B Curtin	519 Lee Ave, St. Louis, Mo	ST1-6290
Me	C M Byron	375 Moody St, Boston, Mass	TW3-8390
Md	R L Klumpp	4401 Germantown, Philadelphia 40, Pa	
Mass	C M Byron	375 Moody St, Boston, Mass	TW3-8390
Mich	J H Dieters	210 S Lafayette, Detroit	LI3-9350
Miss	W B Curtin	519 Lee Ave, St. Louis, Mo	ST1-6290
Mo	W B Curtin	519 Lee Ave, St. Louis, Mo	ST1-6290
Mont	J E Friedman	1246 Folsom St, San Francisco 3, Cal	HE1-8480
Nev	J E Friedman	1246 Folsom St, San Francisco 3, Cal	HE1-8480
NH	C M Byron	375 Moody St, Boston, Mass	TW3-8390
NJ	J I Stone, Newark Office	449 Broad St, Newark 2, NJ	HU4-6330
NY	J I Stone, Newark Office	449 Broad St, Newark 2, NJ	HU4-6330

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NC	R L Klump	4402 Germantown, Philadelphia 40, Pa	GL7-0100
Ohio	R E Lux	3532 Epley Rd, Cincinnati 39	JA4-4968
Ohio	R L Bissell - Cleveland Office	2111 S. Green Rd, Cleveland 21, Ohio	EV2-5090
Okla	W B Custer	519 Lee Ave, St. Louis, Mo	ST1-6290
Ore	J E Friedman	1246 Folsom St, San Francisco 3, Cal	HE1-8490
Pa	R L Klump	4402 Germantown, Philadelphia 40	GL7-0100
RI	C M Byron	375 Moody St, Boston, Mass	TW3-8390
SC	W M Rapp	3230 Peachtree Rd, N.E., Atlanta 5, Ga	CE3-0136
Tenn	W M Rapp	3230 Peachtree Rd, N.E., Atlanta 5, Ga	CE3-0136
Tex	W B Custer	519 Lee Ave, St. Louis, Mo	ST1-6290
Utah	J E Friedman	1246 Folsom St, San Francisco 3, Cal	HE1-8490
Vt	C M Byron	375 Moody St, Boston, Mass	TW3-8390
Va	R L Klump	4402 Germantown, Philadelphia 40, Pa	GL7-0100
Wash	J E Friedman	1246 Folsom St, San Francisco 3, Cal	HE1-8490
W. Va	R L Bissell	2111 S. Green Rd, Cleveland 21, Ohio	EV2-5090
Can	W H Brady Co of Canada, Ltd	1 Research Rd, Brampton, Ont	GL1-4420
	BRANIN CORP. C S	**322 Washington St, Mt. Vernon, NY**	**MO8-5500**
	160-355-1120-1125-1135-1350-1490-1640-1885-1960		
Cal	Electrical Specialty Co	2920 E. 12th St, Los Angeles, Cal	AN9-9511
Conn	R F Carlson	Beaver Run Rd. Box 74, Lafayette, NJ	
Del	R F Carlson	Beaver Run Rd. Box 74, Lafayette, NJ	
Ill	Warren W Anderson	400 S. 5th St, St. Charles, Ill	
Ind	Richard A Coolidge	1540 Sagamore Dr, Euclid, Ohio	
Iowa	Warren W Anderson	400 S. 5th St, St. Charles, Ill	
Md	R F Carlson	Beaver Run Rd. Box 74, Lafayette, NJ	
Mass	R F Carlson	Beaver Run Rd. Box 74, Lafayette, NJ	
Mich	Richard A Coolidge	1540 Sagamore Dr, Euclid, Ohio	
Minn	Warren W Anderson	400 S. 5th St, St. Charles, Ill	
Mo	Warren W Anderson	400 S. 5th St, St. Charles, Ill	
NJ	R F Carlson	Beaver Run Rd. Box 74, Lafayette	
NY	R F Carlson	Beaver Run Rd. Box 74, Lafayette, NJ	
NY	Richard Coolidge	1540 Sagamore Dr, Euclid, Ohio	
Ohio	Richard A Coolidge	1540 Sagamore Dr, Euclid, Ohio	
Pa	R F Carlson	Beaver Run Rd. Box 74, Lafayette, NJ	
Pa	Richard Coolidge	1540 Sagamore Dr, Euclid, Ohio	
RI	R F Carlson	Beaver Run Rd. Box 74, Lafayette, NJ	
Wisc	Warren W Anderson	400 S. 5th St, St. Charles, Ill	
	BRAM METALLURGICAL CHEMICAL CO	**820 65th Ave, Philadelphia 26, Pa**	**WA4-2121**
	H Brem #5 *65 B 240-265-410-900-1085-1120-1125-1385-1575		
Cal	Crown Electronics	PO Box 2573, Van Nuys	TR3-1266
Cal	Norman Sutcliffe Co	275 Brannan St, San Francisco, Cal	GA1-5317
Mo	J C Culver & Co	4800 Nichols Pkwy, Kansas City 12, Mo	
Mo	R R Burton & Co	PO Box 7011, Kansas City	JA3-0227
	BRAND, WILLIAM-REX DIV	**46 Sudbury Rd, Concord, Mass**	**EM9-9630**
	C Riordan #12 *1000 G 190-795-1290-1135-1890-1960		
Ariz	Fryco	355 N. Scottsdale Rd, Scottsdale, Ariz	WH5-3281
Cal	Collins Electronic Sales	535 Middlefield Rd, Palo Alto, Cal	DA6-0647
Cal	K W Lockwood Co	1515 Westwood Blvd, Los Angeles 24, Cal	GR3-6569
Conn	Robert H Robinson	Box 157, S. Coventry, Conn	PI2-7323
Colo	Denver Engineering Sales Co	2421 S University Blvd, Denver, Colo	SH4-1781
Fla	Repco Sales Co	Box 1164, Miami 38, Fla	PL7-2911
Ga	Emmett Rumsey	Box 486, Roswell, Ga	CE7-2971
Ill	Wasson-Gallagher Co	1024 N Blvd, Oak Park, Ill	EU3-6572
Ind	E S Needler	5302 Fairfield Ave, Ft. Wayne, Ind	HA9726
Kan	Associated Industries	455 S Washington, Wichita 2, Kan	HO4-0391
Md	James A Maguire & Co	5716 York Rd, Baltimore, Md	ID3-6213
Mich	Nelson J Clark	17136 E. Warren Ave, Detroit 24, Mich	TU5-1723
Minn	Hamilton & Boyle Associates Inc	3359 Republic Ave, Minneapolis 26, Minn	WE9-7891
Mo	Arthur Williams Co	9216 Clayton Rd, St Louis, Mo	WY3-2578
NJ	James A Maguire & Co	721 Market St, Camden 2, NJ	WO6-3118
NJ	Murray Sales Co	25 W. Northfield Rd, Livingston, NJ	WY2-0520
NY	James J O'Keefe, Jr	Box 187, New Hyde Park, NY	GE7-0010
NY	Peter F Smith	Box 301, Peck Hill Rd, DeWitt, NY	GI6-2645
Ohio	Joseph H Clark	Box 708, Cleveland 22, Ohio	PR1-2241
Pa	William P Jones	164 Crescent Hill Rd, Pittsburgh 35, Pa	SY3-1973
Tex	C P Waggoner Sales Co	301-303 SW 14th St, Grand Prairie, Tex	AN2-2679
Wash	Associated Industries	1752 Rainier Ave, Seattle 44, Wash	EA5-4400
Canada	William T Barron	Box 126, Oakville, Ontario, Canada	CL1-7621
•	**BRANSON CORP**	**41 S. Jefferson Rd, Whippany, NJ**	**TU7-1100**
	J Witzler 1460		
Ariz	W E Zimmerman Co	407 N. Maple Dr, Beverly Hills, Cal	BR2-1181
Cal	W E Zimmerman Co	201 Town & Country Village, Palo Alto	DA1-2008
Cal	W E Zimmerman Co	407 N. Maple Dr, Beverly Hills, Cal	BR2-1181
Colo	Inland Associates	1003 Saturn Dr, Colorado Springs, Colo	
Del	Arnold Associates	528 Ryers Ave, Cheltenham, Pa	PI2-0600
DC	Arnold Associates	528 Ryers Ave, Cheltenham, Pa	PI2-0600
Iowa	Inland Associates	6047 Howe Dr, Mission, Kan	EN2-3575
Kan	Inland Associates	6047 Howe Dr, Mission, Kan	EN2-3575
Md	Arnold Associates	528 Ryers Ave, Cheltenham, Pa	PI2-0600
Mich	Frank A Villani	7008 Rosemary, Dearborn, Mich	LO3-1256
Minn	Scott Electronic Sales	6900 Xerxes Ave, S., Minneapolis, Minn	WA6-3919
Mo	Inland Associates	6047 Howe Dr, Mission, Kan	EN2-2366
Neb	Inland Associates	6047 Howe Dr, Mission, Kan	EN2-2366
NJ	Arnold Associates	528 Ryers Ave, Cheltenham, Pa	PI 2-0600
NJ	Podeyn-Schmidt	207 Hackensack St, Woodridge, NJ	GE8-2780
NY	Podeyn-Schmidt	420 Northern Blvd, Great Neck, NY	HU7-1173
ND	Scott Electronic Sales	6900 Xerxes Ave, S., Minneapolis, Minn	WA6-3919
Ohio	Frank A Villani	7008 Rosemary, Dearborn, Mich	
Pa	Arnold Associates	528 Ryers Ave, Cheltenham, Pa	PI2-0600
SD	Scott Electronic Sales	6900 Xerxes Ave, S., Minneapolis, Minn	WA6-3919
Utah	Inland Associates	1003 Saturn Dr, Colorado Springs, Colo	
Va	Arnold Associates	528 Ryers Ave, Cheltenham, Pa	PI2-0600
Wisc	Scott Electronic Sales	6900 Xerxes Ave, S., Minneapolis, Minn	WA6-3919
Canada	Ford Bros Aviation Ltd	Malton Airport, Malton, Ontario, Canada	BU6-2241
	BRANSON INSTRUMENTS INC	**37 Brown House Rd, Stamford, Conn**	**DA4-6721**
	H Ostermen #15 *195 E 360-450-895-1075-1850-1950		
Ala	Roy Attaway Co	912 Bob Wallace Ave, S.W., Huntsville, Ala	JE2-2811
Cal	Branson-Los Angeles	13544 Ventura Blvd, Sherman Oaks	ST4-7090
Cal	Branson-San Francisco	38813 Logan Dr, Fremont	SY7-4511
Colo	Rowley-Bouvette Inc	651 S. Jason St, Denver 23	SH4-2311
Conn	Branson-Connecticut	98 Wheeler Pk. Ave, Bridgeport 4	ED9-1835
Fla	Branson-South East	1360 Dorothy Dr, Clearwater	3-7310

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Haw	Thom Eqpt. Co	453 Nimitz Hwy, Honolulu	59136
Ill	Branson-Chicago	4479 N. Elston Ave, Chicago 25	
Ky	Plant Equipment Co	4407 Louisville Ave, Louisville 9, Ky	EM3-2671
Mass	Charles T Morgan Co	21 Lothrop St, Beverly, Mass	WA2-3378
Mich	Branson-Detroit	1315 Vinewood Dr, Birmingham	MI7-1833
Mich	Branson-Detroit	230 W. Bloomfield Ave, Royal Oak	
Minn	Finishing Equipment & Supply Co	3700 E. Lake St, Minneapolis 6, Minn	PA1-1787
Mo	Harris-Hanson Co	2814 S. Brentwood Blvd, St. Louis 17, Mo	MI7-4750
NJ	George A Duerfeld	6100 Rogers Ave, Merchantville 8, NJ	NO2-8144
NJ	Branson-Metropolitan	349 Franklin Ave, Nutley	NO7-7400
NY	Branson-Metropolitan	349 Franklin Ave, Nutley, NJ	NO7-7400
NY	Redford Corp	252 Saratoga Rd, Scotia, NY	EX9-1124
NC	James L Highsmith & Co	3743 Monroe Rd, Charlotte 5, NC	FR7-2546
Ohio	Plant Eqpt. Co	316 Dunn St, Cinc 15	VA1-4600
Ohio	Plant Eqpt. Co	56 Astwood Ave, Dayton	
Okla	Engineering Test Services Inc	910 S Boston Ave, Tulsa, Okla	LU2-7006
Pa	J A Marie	14077 Cedar Rd, Cleve 18, Ohio	FA1-9339
Pa	R L Holliday Co	3737 Poplar Ave, Pittsburgh 34, Pa	LO1-7620
Tex	Engineering Test Services Inc	4101 San Jacinto, Houston, Tex	JA4-8381
Tex	F W Hightower	710 Ct. St, Ft. Worth 5	JE6-7891
Utah	Rowley-Bouvette Inc	955 Folsom Ave, Salt Lake City 4, Utah	DA2-1041
Va	Branson-Washington	McGuire Ct, RFD #4, Vienna	WE8-2575
W Va	R C Osborne Co	Box 2724, Charleston 30	DI2-8711
Can	Magnachem Ltd	5507 1st St. SE. Calgary	AL5-6303
Can	McPhar-Roberts Ltd	139 Bond Ave, Don Mills, Ont	HI4-4454
For	Branson Europa NV	Box 3, Loosdrecht, Netherlands	
	BRAUN, MAX	**Ruesselsheimerstr 22, Frankfurt/M, Germany**	
	55-895-1255-1425		
•	**BRAUN TOOL & INSTRUMENT CO., INC., H**	**140 Fifth Ave, Hawthorne, NJ**	**HA7-1773**
	R Boderck #4 *60 D 845-1120-1125-1690-1940		
Ariz	Raymond Kimball	35 N Raymond Ave. Pasadena, Cal	MU1-9603
Ark	A V Doran	950 Francis Pl. St Louis 5, Mo	PA5-3377
Cal	Raymond Kimball	35 N Raymond Ave. Pasadena	MU1-9603
Ill	A V Doran	950 Francis Pl. St Louis 5, Mo	PA5-3377
Ind	A V Doran	950 Francis Pl. St Louis 5, Mo	PA5-3377
Iowa	A V Doran	950 Francis Pl. St Louis 5, Mo	PA5-3377
Kan	A V Doran	950 Francis Pl. St Louis 5, Mo	PA5-3377
Ky	A V Doran	950 Francis Pl. St Louis 5, Mo	PA5-3377
Miss	A V Doran	950 Francis Pl. St Louis 5, Mo	PA5-3377
Mo	A V Doran	950 Francis Pl. St Louis 5, Mo	PA5-3377
Mont	Raymond Kimball	35 N Raymond Ave. Pasadena, Cal	MU1-9603
Neb	A V Doran	950 Francis Pl. St Louis, Mo	PA5-3377
Nev	Raymond Kimball	35 N Raymond Ave. Pasadena, Cal	MU1-9603
NM	Raymond Kimball	35 N Raymond Ave. Pasadena, Cal	MU1-9603
Okla	A V Doran	950 Francis Pl. St Louis 5, Mo	PA5-3377
Ore	A V Doran	950 Francis Pl. St Louis 5, Mo	PA5-3377
Tenn	A V Doran	950 Francis Pl. St Louis 5, Mo	PA5-3377
Tex	A V Doran	950 Francis Pl. St Louis 5, Mo	PA5-3377
Utah	Raymond Kimball	35 N Raymond Ave. Pasadena, Cal	MU1-9603
Wash	Raymond Kimball	35 N Raymond Ave. Pasadena, Cal	MU1-9603
Wyo	Raymond Kimball	35 N Raymond Ave. Pasadena, Cal	MU1-9603
	BREEZE CORPS INC	**700 Liberty Ave, Union, NJ**	**MU6-4000**
	80-185-190-285-360-375-795-895-1485-1575-1625-1885		
Ala	C O Benedette	714 Paces Ferry Rd, Smyrna, Ga	HE5-8393
Alaska	Aviquipo Inc	90 Broad St, New York 4, NY	WH3-6580
Ariz	Gordon Verrier	5936 Dagwood Ave, Lakewood 11, Cal	TO7-7811
Ariz	Components Corp	35 N Arroyo Pkwy, Pasadena, Cal	MU1-7448
Cal	Components Corp	35 N Arroyo Pkwy, Pasadena, Cal	MU1-7448
Cal	Gordon Verrier	5936 Dagwood Ave, Lakewood 11, Cal	TO7-7811
Cal	Long & Associates	505 Middlefield Rd, Redwood City, Cal	EM9-3324
Colo	C L Kennedy	3121 Sennett, Wichita, Kan	MU6-7808
Conn	James Boynton	Box 175, Norwalk, Conn	AM8-4986
Del	Dan Belvin	10307 Calumet Dr, Silver Spring, Md	JU5-0861
DC	Dan Belvin	10307 Calumet Dr, Silver Spring, Md	JU5-0861
Fla	Airtronics International Corp	6900 W. Rd 84, Ft. Lauderdale, Fla	LU3-4541
Ga	C O Benedette	714 Paces Ferry Rd, Smyrna, Ga	HE5-8393
Hawaii	Aviquipo Inc	90 Broad St, New York 4, NY	WH3-6580
Ill	Hugh Bauers	208C South Blvd, Evanston, Ill	GR5-1867
Ind	Hugh Bauers	208C South Blvd, Evanston, Ill	GR5-1867
Iowa	Hugh Bauers	208C South Blvd, Evanston, Ill	GR5-1867
Kan	C L Kennedy	3121 Sennett, Wichita, Kan	MU6-7808
Me	James Boynton	Box 175, Norwalk, Conn	AM8-4986
Md	Dan Belvin	10307 Calumet Dr, Silver Spring, Md	JU5-0861
Mass	James Boynton	Box 175, Norwalk, Conn	AM8-4986
Mich	Hugh Bauers	208C South Blvd, Evanston, Ill	GR5-1867
Miss	Hugh Bauers	208C South Blvd, Evanston, Ill	GR5-1867
Miss	C O Benedette	714 Paces Ferry Rd, Smyrna, Ga	HE5-8393
Mo	C L Kennedy	3121 Sennett, Wichita, Kan	MU6-7808
Neb	C L Kennedy	3121 Sennett, Wichita, Kan	MU6-7808
Nev	Components Corp	35 N. Arroyo Pkwy, Pasadena, Cal	MU1-7448
NH	James Boynton	Box 175, Norwalk, Conn	AM8-4986
NJ	L W Gottschalk	Rt 4 Capel Dr, Huntington, NY	HA1-1378
NY	James Boynton	Box 175, Norwalk, Conn	AM8-4986
NY	L W Gottschalk	Rt 4 Capel Dr, Huntington, NY	HA1-1378
NC	C O Benedette	714 Paces Ferry Rd, Smyrna, Ga	HE5-8393
Ohio	E A Sprigg	454 Highland Ave, Wadsworth, Ohio	FE5-4932
Okla	C L Kennedy	3121 Sennett, Wichita, Kan	MU6-7808
Pa	L W Gottschalk	Rt 4 Capel Dr, Huntington, NY	HA1-1378
Pa	Mel Gray	137 Butler Pkwy, Summit, NJ	CR3-1728
RI	James Boynton	Box 175, Norwalk, Conn	AM8-4986
SC	C O Benedette	714 Paces Ferry Rd, Smyrna, Ga	HE5-8393
Tenn	C O Benedette	714 Paces Ferry Rd, Smyrna, Ga	HE5-8393
Tex	C L Kennedy	3121 Sennett, Wichita, Kan	MU6-7808
Vt	James Boynton	Box 175, Norwalk, Conn	AM8-4986
Va	Dan Belvin	10307 Calumet Dr, Silver Spring, Md	JU5-0861
Wash	Martin L Poggi	Carlson Bldg, Bellevue, Wash	GL4-6648
W. Va	Dan Belvin	10307 Calumet Dr, Silver Spring, Md	JU5-0861
Wisc	Hugh Bauers	208C South Blvd, Evanston, Ill	GR5-1867
Foreign	Aviquipo Inc	90 Broad St, New York 4, NY	WH3-6580
	BREON LABORATORIES	**1520 Evergreen Rd, Williamsport, Pa**	**7426**
	#2 *10 B 410-415		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	BREVEL PRODUCTS CORP	**601 W. 26th St, New York 1, NY**	**WA4-4737**
	R Somen #8 *250 C 1165		
Cal	Electric Motor Eng. Inc	8855 Beverly Blvd. LA	OL1-3220
Ill	J Golten Co	2755 N. N. Ave. Chicago	EV4-5959
For	A A Aguilar	Mexico City	
Can	Brevel Prods. Ltd	45 Crockford Blvd. Scarborough, Ont	PL7-5140
	BREW & CO., INC., RICHARD D	**90 Airport Rd, Concord, NH**	**CA5-6605**
	R Leenberg #8 *130 E 185-450		
Ariz	R E McClendon Co	915 Yale Blvd, S.E., Albuquerque, NM	CH3-4551
Cal	R S Miller Co	11505 W. Jefferson Blvd. Culver City	
Cal	Astroel Co	755 Mercy, Mountain View	YO8-6336
Conn	Mosher & Peyser Co	945 Great Plain Ave, Needham, Mass	HI4-1400
Del	C H Newson & Associates	813 Bethlehem Pike, Philadelphia 18, Pa	CH8-3377
Ind	F E Kahsar Sales	4903 Prosperity Pl. Cinc, Ohio	
Ky	F E Kahsar	4903 Prosperity Pl. Cinc, Ohio	
Me	Mosher & Peyser Co	945 Great Plain Ave, Needham, Mass	HI4-1400
Md	C H Newson & Associates	813 Bethlehem Pike, Philadelphia 18, Pa	CH8-3377
Mass	Mosher & Peyser Co	945 Great Plain Ave, Needham, Mass	HI4-1400
NH	Mosher & Peyser Co	945 Great Plain Ave, Needham, Mass	HI4-1400
NM	R E McClendon Co	915 Yale Blvd, S.E., Albuquerque, NM	CH3-4551
NM	William Richter Corp	790 Linden Ave, Rochester 10, NY	LU6-6454
NY	S R Morrow Co	P.O. Box 336, Chatham, NJ	ME5-8549
Ohio	F E Kahsar Sales	4903 Prosperity Pl. Cinc	
Ore	J K Dooley Co. Inc	3215 Western Ave. Seattle, Wash	AT4-8313
Pa	F E Kahsar Sales	4903 Prosperity Pl. Cinc, Ohio	
Pa	C H Newson & Associates	813 Bethlehem Pike, Philadelphia 18, Pa	CH8-3377
RI	Mosher & Peyser Co	945 Great Plain Ave, Needham, Mass	HI4-1400
Tex	R E McClendon Co	915 Yale Blvd, S.E., Albuquerque, NM	CH3-4551
Vt	Mosher & Peyser Co	945 Great Plain Ave, Needham, Mass	HI4-1400
Wash	J K Dooley Co. Inc	3215 Western Ave. Seattle	AT4-8313
	BRIDGEPORT BRASS CO	**30 Grand St, Bridgeport, Conn**	**ED4-1182**
	895-1125-1885-1960		
Cal	Bridgeport Brass Co	6500 E. Flotilla St, Los Angeles 22, Cal	RA3-5101
Cal	Bridgeport Brass Co	130 Potrero Ave, San Francisco, Cal	UN1-2551
Colo	Bridgeport Brass Co	77 Lipan St, Denver 23, Colo	CH4-3308
DC	Bridgeport Brass Co	777 14th St, N.W., Washington 5, DC	EX3-7433
Fla	Bridgeport Brass Co	14000 N.W. 19th Ave, Miami, Fla	MU8-9631
Fla	Bridgeport Brass Co	Box 13947, Interbay Sta, Tampa, Fla	67-6931
Ga	Bridgeport Brass Co	800 Peachtree St, Atlanta 8, Ga	TR6-5797
Ill	Bridgeport Brass Co	2045 N. 17th Ave. Chicago	MA6-3640
Ill	Bridgeport Brass Co	401 E. State St, Rockford, Ill	WO2-5589
Ind	Bridgeport Brass Co	S. Holt Rd, Indianapolis, Ind	CH4-2461
Iowa	Bridgeport Brass Co	Guaranty Bldg. Cedar Rapids	EM5-5344
Ky	Bridgeport Brass Co	4016 Frankfort Ave, Louisville 7, Ky	TW5-3478
Mass	Bridgeport Brass Co	185 Alewife Brook Pkwy. Boston	
Mich	Bridgeport Brass Co	15827 James Couzens Hwy, Detroit, Mich	UN4-8032
Mich	Bridgeport Brass Co	200 Federal Sq Bldg, Grand Rapids, Mich	GL4-9545
Minn	Bridgeport Brass Co	124 12th Ave, S., Minneapolis 15, Minn	FE9-7061
Minn	Bridgeport Brass Co	2147 University Ave, St. Paul 14, Minn	MI5-3909
Mo	Bridgeport Brass Co	4630 J C Nichols Pkwy, Kansas City, Mo	LO1-7830
Mo	Bridgeport Brass Co	2135 Delmar Blvd, St. Louis 3, Mo	CE1-0076
NJ	Bridgeport Brass Co	1240 Central Ave. Newark	BI3-0044
NY	Bridgeport Brass Co	3580 Harlem Rd. Buffalo 15	TF6-4010
NY	Bridgeport Brass Co	11 N. Goodman St, Rochester 7, NY	BR1-6520
NY	Bridgeport Brass Co	112 DeWitt St, Syracuse 3, NY	GR4-1094
NY	Bridgeport Brass Co	48-49 33rd St, NY	EX2-4290
NC	Bridgeport Brass Co	233 1/2 N. Greene St, Greensboro, NC	BR4-8483
Ohio	Bridgeport Brass Co	W. 21st St. & Union, Tulsa, Okla	LU5-8838
Ohio	Bridgeport Brass Co	364 W. Bowery St, Akron 7, Ohio	BL3-8106
Ohio	Bridgeport Brass Co	1423 E. McMillan, Cincinnati 6, Ohio	UN1-7790
Ohio	Bridgeport Brass Co	1921 E. 119th St, Cleveland 6, Ohio	CE1-5180
Ohio	Bridgeport Brass Co	1221 Wilmington Ave, Dayton 20, Ohio	AX8-7331
Pa	Bridgeport Brass Co	918 E. Lycoming, Philadelphia 24, Pa	JE5-3900
Pa	Bridgeport Brass Co	618 Swissvale Ave, Pittsburgh 21, Pa	FR1-2851
RI	Bridgeport Brass Co	177 George Ave, Providence 5, RI	WI1-2100
Tenn	Bridgeport Brass Co	648 Riverside Dr, Memphis 3, Tenn	JA5-0347
Tex	Bridgeport Brass Co	1371 Crampton St, Dallas 7, Tex	RI1-4859
Tex	Bridgeport Brass Co	3815 Richmond Ave, Houston 27, Tex	MO7-9116
Va	Bridgeport Brass Co	1521 Central Nat'l. Bank Bldg. Richmond	MI3-2719
Wash	Bridgeport Brass Co	617 3rd Ave, Seattle 4, Wash	MA4-2860
Wisc	Bridgeport Brass Co	4808 W. Burleigh, Milwaukee 10, Wisc	HI5-5654
Canada	Noranda Copper & Brass Ltd	Montreal, Canada	
	BRIDGEPORT INSULATED WIRE CO	**57 Brookfield Ave, Bridgeport 8, Conn**	**ED3-3191**
	1960		
Cal	Robert G Howe Co	116 Stoneham Ave, Alhambra, Cal	CU3-1669
Conn	Carl Pfannkuch	209 Lawrence Rd, Trumbull, Conn	AM8-1366
Del	Ned Krouse	12-C Parkway Apts, Haddonfield, NJ	
Ind	Carl H Schmidt Co	16405 W. 8 Mile Rd, Detroit 35, Mich	BR3-8500
Me	Carl Pfannkuch	209 Lawrence Rd, Trumbull, Conn	AM8-1366
Md	Ned Krouse	12-C Parkway Apts, Haddonfield, NJ	
Mass	Carl Pfannkuch	209 Lawrence Rd, Trumbull, Conn	AM8-1366
Mich	Carl H Schmidt Co	16405 W. 8 Mile Rd, Detroit 35, Mich	BR3-8500
NH	Carl Pfannkuch	209 Lawrence Rd, Trumbull, Conn	AM8-1366
NJ	Arnold R Andrews	43 Kent Rd, Tenafly, NJ	LO9-0037
NY	Arnold R Andrews	43 Kent Rd, Tenafly, NJ	LO9-0037
Pa	Ned Krouse	12-C Parkway Apts, Haddonfield, NJ	
RI	Carl Pfannkuch	209 Lawrence Rd, Trumbull, Conn	AM8-1366
Vt	Carl Pfannkuch	209 Lawrence Rd, Trumbull, Conn	AM8-1366
Va	Ned Krause	12-C Parkway Apts, Haddonfield, NJ	
W.Va	Ned Krause	12-C Parkway Apts, Haddonfield, NJ	
	BRIGGS DIV. DREXEL DYNAMICS CORP	**10 DeKalb St. Norristown, Pa**	**BR9-0400**
	W Jakelsky #17 *190 E 35-325-338-340-895-1075-1610		
Cal	Drexel Dynamics Corp	Box 1415, Torrance	FR8-3557
	BRIGHT STAR INDUSTRIES	**600 Getty Ave, Clifton, NJ**	**GR1-3200**
	70-895-1290		
Cal	Bright Star Industries	1355 Market St, San Francisco, Cal	MA1-3556
Cal	H H Frantzen	45 Scotia Ave, San Francisco, Cal	JU7-3270
Cal	L Rachmiel	342 E. Orlando, Covina, Cal	ED1-5141
Colo	R & M Sales Co	2214 S. Clayton St, Denver 10, Colo	SP7-2515
Ga	Bright Star Industries	171 Simpson St, N.W., Atlanta, Ga	MU8-3151
Ill	Bright Star Industries	540 W. Washington Blvd, Chicago, Ill	DE2-3932
Ill	D E Breske	107 Green Ln, Carpentersville, Ill	HA6-5516

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ill	William H Held	4434 N. Damen Ave, Chicago, Ill	BR5-2154
Md	R F O'Neill	304 Chalmers Ave, Ferndale, Md	
Mass	A J Pothier	27 Standish Rd, Wellesley Hills, Mass	CE7-3609
NJ	R C Schmidt	602 Ridgeland Terr, Englewood, NJ	LO8-3704
NJ	F P Wolffe	138 Cooper Ave, Upper Montclair, NJ	PI4-8720
NY	H Ziperman	21 Dennis Ln, Beth Page, NY	PE1-8879
Ohio	E O Likes	4162 Canterbury Rd, North Olmsted, Ohio	SP7-5948
Pa	R J Lyons	6401 Lawnton Ave, Philadelphia, Pa	WA7-2629
Tex	Bright Star Industries	306 Express St, Dallas, Tex	RI8-6145
	BRILHART PLASTICS CORP	**125 Old Country Rd, Mineola, NY**	**PI6-0425**
	B Kahn #3 *75 D 120-135-180-715-765-770-900-1290-1295-1940		
Ala	F Seay	208 Lincoln St, Huntsville	JE9-8831
Conn	Charles Weber	49 Benson Pl, Fairfield, Conn	
Fla	Wm Lehmann & Jack Clayman	P.O. Box 1224, Orlando, Fla	GA2-3848
NJ	Henry Ruckwied	3 Clifford Dr, Wayne, NJ	OX4-7504
NC	Candor Co	2820 Beech St, Winston Salem, NC	PA2-1432
Tenn	Dallas Yeager	162 Talmeda Rd, Oak Ridge, Tenn	OA5-1311
	BRILMAYER LABS INC., E W	**86 Fulton St, New York 38, NY**	**BE3-7914**
	E Brilmayer #1 *7 C 895		
Cal	R A Roosevelt Co	4909 E Florence Ave, Bell, Cal	
Cal	Power-Mac Corp	487 S. Van Ness Ave, San Francisco	
Del	The Edward A Le Vay Co	35 W 25th St, Baltimore, Md	
DC	The Edward A Le Vay Co	35 W 25th St, Baltimore, Md	
Idaho	C K Brown & Associates	435 Shoshone St, Twin Falls, Idaho	
Ill	Muyden & Chivas	1115 W 47th St, La Grange, Ill	
La	Bitz Engineering Sales Co	1715 Toledano St, New Orleans, La	
Md	The Edward A Le Vay Co	35 W 25th St, Baltimore, Md	
Mich	Garrett Burgess Inc	4950 Oakman Blvd, Detroit, Mich	
Minn	Ritchie Engineering Co	2803 Lyndale Ave, S., Mpls, Minn	
NY	Sanders Industrial Equip Co	15 Albright Ave, Albany, NY	
NY	Lasher & Schaub Associates	235 Genesee St, Utica, NY	
Ohio	Mansfield Co	730 Brooks Ave, Cincinnati, Ohio	
Ore	Fred G Greaves Co	404 Concord Bldg, Portland, Ore	
Pa	B C Klingensmith Sales	4675 Buffalo Rd, Erie, Pa	
Pa	Thos A Collier Co	Western Savings Bldg, Philadelphia, Pa	
Tex	Frank Hale & Associates	2650 Fleetwood Dr, Dallas, Tex	
Utah	C K Brown & Associates	366 31st St, Ogden, Utah	
Va	The Edward A Le Vay Co	35 W 25th St, Baltimore, Md	
Wash	Fred G Greaves Co	418 8th Ave, N., Seattle, Wash	
For	E Obszinski (Agt)	15 Ave, Gisbelaire Verse Berchem-Bruxelles, LE, Belg	
	BRISTOL BRASS CORP	**580 Broad St, Bristol, Conn**	**LU2-3161**
	895-1125		
Ill	Bristol Brass Corp	2800 S. 61st Ct, Cicero 50, Ill	BI2-3800
Mass	Bristol Brass Corp	30 Huntington Ave, Boston 16, Mass	CO7-4142
Mich	Bristol Brass Corp	644 N. Woodward, Birmingham, Mich	MI6-7133
NY	Bristol Brass Corp	2000 Military Rd, Buffalo 5, NY	VI6700
NY	Bristol Brass Corp	580 Broad St, New York, NY	BA7-6252
NY	Bristol Brass Corp	314 Hollenbeck St, Rochester 1, NY	CO5-6560
NY	Bristol Brass Corp	Thompson Rd, Syracuse 1, NY	HO3-3141
Ohio	Bristol Brass Corp	1440 E. 49th St, Cleveland 3, Ohio	EX1-5612
Ohio	Bristol Brass Corp	1801 E. Broadway, Dayton 4, Ohio	BA3-8135
Pa	Bristol Brass Corp	Box 83, Springfield, Pa	PI6-0334
Pa	Bristol Brass Corp	2409 Washington Rd, Pittsburgh 21, Pa	LO3-2122
	BRISTOL CO	**Box 1790EBG, Waterbury 20, Conn**	**PL6-4451**
	H Boone G 80-275-325-338-360-365-470-635-895		
Ala	Bristol Co	Comer Bldg, Birmingham 3, Ala	AL1-0034
Cal	Bristol Co	6800 E. Acco St, Los Angeles 22, Cal	RA3-9731
Cal	Bristol Co	Bank of Amer Bldg, San Diego 1, Cal	BE2-0411
Cal	Bristol Co	40 Berry St, San Francisco 7, Cal	GA1-8462
Colo	Bristol Co	4555 E. 46th Ave, Denver 16, Colo	DE3-6228
Conn	Bristol Co	Hartford	EN4050
Del	Bristol Co	Delaware Trust Bldg, Wilmington, Del	OL4-1183
DC	Bristol Co	Washington, DC	RE7-0655
Ga	Bristol Co	Healey Bldg, Atlanta 3, Ga	JA2-7607
Ill	Bristol Co	351 E. Ohio St, Chicago 11, Ill	WH4-2190
Ind	Bristol Co	Box 88794 Uptown Sta, Indianapolis 5	WA4-4343
Iowa	Bristol Co	Kahl Bldg, Davenport, Iowa	2-2624
La	Bristol Co	Delta Bldg, New Orleans 12, La	MA5522
Md	Bristol Co	5439 Harford Rd, Baltimore 14, Md	HA6-5766
Mass	Bristol Co	Statler Bldg, Boston 16, Mass	HU2-1728
Mich	Bristol Co	10025 W. McNichols Rd, Detroit 21, Mich	UN4-4264
Minn	Bristol Co	Plymouth Bldg, Minneapolis, Minn	FE3-0714
Mo	Bristol Co	Crawford Bldg, Kansas City, Mo	HA1-7301
Mo	Bristol Co	Cotton Belt Bldg, St. Louis 2, Mo	CH1-7892
NJ	Bristol Co	744 Broad St, Newark, NJ	MI2-6823
NY	Bristol Co	1807 Elmwood Ave, Buffalo 7, NY	DE3754
NY	Bristol Co	257 W. 57th St, New York 19, NY	CI5-4053
NY	Bristol Co	Syracuse	EN9745
NC	Bristol Co	Box 3180, Charlotte, NC	FR5-7638
Ohio	Bristol Co	Akron	EN4146
Ohio	Bristol Co	Box 2512, Cincinnati 37, Ohio	EL1-0328
Ohio	Bristol Co	8505 Lake Ave, Cleveland 2, Ohio	AT1-6924
Ohio	Bristol Co	10 N. High St, Columbus 15, Ohio	CA1-6133
Ohio	Bristol Co	627 Salem Ave, Dayton 6, Ohio	CR7-2442
Okla	Bristol Co	Mayo Bldg, Tulsa 3, Okla	LU4-2178
Ore	Bristol Co	1218 N.W. 12th Ave, Portland 9, Ore	CA7-3112
Pa	Bristol Co	Merritt St, Natl Bk Bldg, Philadelphia 7	RI6-2386
Pa	Bristol Co	2250 Noblestown Rd, Pittsburgh 5, Pa	WA2-2100
Tenn	Bristol Co	Box 202, Knoxville, Tenn	5-6992
Tex	Bristol Co	Interurban Bldg, Dallas	RI2-4052
Tex	Bristol Co	3517 W. Alabama St, Houston 27, Tex	MO7-6509
Utah	Bristol Co	138 S. Second E., Salt Lake City 1, Utah	EL5-0276
Wash	Bristol Co	Jones Bldg, Seattle 1, Wash	MA3-3361
W. Va	Bristol Co	Box 1841, Charleston 27, W. Va	DI6-6472
Wisc	Bristol Co	735 N. Water St, Milwaukee 2, Wisc	BR6-4393
	BRISTOL MOTOR DIV VOCALINE CO of AMER	**Old Saybrook, Conn**	**EV8-3414**
	D Penfield #15 *166 E 910-1135-1165-1810		
Ala	Al Flaugher	305 N. 90th St, Birmingham, Ala	VE3-5231
Cal	J F Cady Co	1445 Bayshore Blvd, San Francisco, Cal	JU5-4108
Cal	C E Mello	406 S. Main St, L A, Cal	MA6-9159
Colo	Mel Pearson & Co	1980 S. Acoma, Denver, Colo	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Conn	Sales Engineering Co	Sugar Ln, Newtown, Conn	GA6-4482
Del	R L Wilkinson Inc	707 Stevenson Ln, Towson, Md	VA3-7800
DC	R L Wilkinson Inc	707 Stevenson Ln, Towson, Md	VA3-7800
Fla	Al Flaugher	305 N. 90th St, Birmingham, Ala	VE3-5231
Ga	Al Flaugher	305 N. 90th St, Birmingham, Ala	VE3-5231
Ill	Jay C Angel & Co	2743 W. Peterson Ave, Chicago, Ill	UP8-0653
Ill	Wells White Co	6625 Delmar Blvd, St. Louis, Mo	PA7-7622
Ind	Wells-White Co	6625 Delmar Blvd, St. Louis, Mo	PA7-7622
Kan	Wells-White Co	6625 Delmar Blvd, St. Louis, Mo	PA7-7622
Me	Sales Engineering Co	Sugar Ln, Newtown, Conn	GA6-4482
Md	R L Wilkinson Inc	707 Stevenson Ln, Towson, Md	VA3-7800
Mass	Sales Engineering Co	Sugar Ln, Newtown, Conn	GA6-4482
Mich	L H Dickelman Co	18450 Livernois Ave, Detroit, Mich	
Mo	Wells White Co	6625 Delmar Blvd, St. Louis, Mo	PA7-7622
NH	Sales Engineering Co	Sugar Ln, Newtown, Conn	GA6-4482
NJ	Frank Ames Inc	Nutley Sun Bldg, Nutley, NJ	NU2-7332
NY	R J Robinson Assoc	546 Niagara St, Buffalo	
NY	Frank Ames Inc	Nutley Sun Bldg, Nutley, NJ	NU2-7332
Okla	Koch Engineering & Sales Co	309 Meadows Bldg, Dallas, Tex	EM1-1765
Ore	J F Cady Co	1445 Bayshore Blvd, San Francisco, Cal	JU5-4108
Pa	R L Wilkinson Inc	707 Stevenson Ln, Towson, Md	VA3-7800
RI	Sales Engineering Co	Sugar Ln, Newtown, Conn	GA6-4482
Tex	Koch Engineering & Sales	309 Meadows Bldg, Dallas, Tex	EM1-1765
Utah	J F Cady Co	1445 Bayshore, San Francisco, Cal	JU5-4108
Vt	Sales Engineering Co	Sugar Ln, Newtown, Conn	GA6-4482
Va	R L Wilkinson Inc	707 Stevenson Ln, Towson, Md	VA3-7800
Wash	J F Cady Co	1445 Bayshore Blvd, San Francisco, Cal	JU5-4108
Wisc	Jay C Angel & Co	2743 W. Peterson Ave, Chicago, Ill	UP8-0653
	BRITISH RADIO ELECTRONICS LTD	**1833 Jefferson Pl, N.W., Wash 6, DC**	**FE8-1520**
	F Harris #2 B 220-1330-1475-1735		
•	**BRITTON ELECTRONICS CORP**	**19 Warren Pl, Mt. Vernon, NY**	**OW9-3311**
	J5 *50 C 500-1445		
Ala	Fred Womble Sales Co	3857 Sherwood Dr, Montgomery 9	AM2-1573
Cal	Nickerson-Gray Associates	2434 Park Blvd, Palo Alto, Cal	DA6-0152
Conn	Henry P Segel Co	395 Washington St, Brookline, Mass	BE2-7525
Del	Boenecke Associates	5505 Westfield Ave, Pennsauken, NJ	NO2-6650
Haw	Nickerson Gray & Assoc	2434 Park Blvd, Palo Alto, Cal	DA6-0152
Ill	Lightner Associates	6322 N. Milwaukee Ave, Chicago, Ill	SP4-1500
Ind	John Lightner Assoc	6322 N. Milwaukee Ave, Chicago, Ill	SP4-1500
Me	Henry P Segel Co	395 Washington St, Brookline, Mass	BE2-7525
Mass	Henry P Segel Co	395 Washington St, Brookline, Mass	BE2-7525
Mont	NW Sales & Eng. Serv. Co	915 Terminal Sales Bldg, Seattle 1, Wash	MA2-3860
NH	Henry P Segel Co	395 Washington St, Brookline, Mass	BE2-7525
NJ	Saffier Associates	157 W. 57 St, New York, NY	CI7-3155
NJ	Boenecke Associates	5505 Westfield Ave, Pennsauken, NJ	NO2-6650
NY	Saffier Associates	157 W. 57th St, New York, NY	CI7-3155
NY	Joseph Lind	100 East Ave, Rochester, NY	BA1-5858
Ohio	H H Sley Co	3850 Farrington Dr, Columbus 21	HU8-3954
Pa	Boenecke Associates	5505 Westfield Ave, Pennsauken, NJ	NO2-6650
RI	Henry P Segel Co	395 Washington St, Brookline 46, Mass	BE2-7525
Tex	Hal F Corry Co	6315 Hillcrest Ave, Dallas 5	LA8-9172
Vt	Henry P Segel Co	395 Washington St, Brookline, Mass	BE2-7525
Wash	NW Sales & Eng. Serv. Co	915 Terminal Sales Bldg, Seattle 1	MA2-3860
For	Minthorne Intl. Co. Inc	15 Moore St, NY 4, NY	BO9-6172
Canada	W Cohen Ltd	8900 Tanguay St, Montreal, Canada	
	BROADCAST EQPT SPECIALTIES CORP	**Cedar Hill Rd. Fishkill, NY**	**TW6-6035**
	A Travis Jr #3 *5 A 1435		
	BROOKFIELD WIRE CO., INC	**Brookfield, Mass**	**VO7-6474**
	H Atkinson #2 *50 E 1960		
	BROOKS & PERKINS INC	**1950 W. Fort St, Detroit 16, Mich**	**TA5-5900**
	W Chamberlin, Jr #20 *500 E 45-135-180-210-230-260-338-895-1120-1125-1135-1170-1575		
Cal	T H Forzker	855 E Carson, Long Beach 7, Cal	GA7-8873
DC	Brooks & Perkins Inc	1632 K St, N.W., Washington 6, DC	ST3-7792
Mass	A R Pomeroy	15 Grove St, W Concord, Mass	KI7-0886
NY	Brooks & Perkins Inc	1708 Americas Bldg, New York 20, NY	CI6-3080
Ohio	T H Orndorff	Talbott Tower, Dayton, Ohio	AD3-8601
	BROWN-BRIDGE MILLS INC	**E. Water St, Troy, Ohio**	**FE2-1266**
	H Murgatroyd #2 *180 F 1755		
Cal	Sheridan Tree	425 Natoma St, San Francisco, Cal	YU2-2665
Colo	William D Eldred	1465 Boston St, Denver 8, Colo	EM4-3453
Ill	Corey-Gridley	608 S. Dearborn St, Chicago 5, Ill	WA2-6759
Mo	Tom S Rowlett	4378 Lindell Blvd, St. Louis 8, Mo	FR1-4542
NY	Rowlett-Donahue	6 E. 45th St, New York 17, NY	MU7-0320
Pa	Richard J Crane	215 Ford Rd, Bala Cynwyd, Pa	MO4-3186
Tex	Marion F Stanley	3509 Clayton Rd, W., Ft. Worth, Tex	PE7-6106
	BROWN LTD., S G	**80 Shore Rd. Port Washington, NY**	**PO7-7700**
	805		
	Sales Representatives: See Garrard Sales Corp		
	BROWNING LABS. INC	**100 Union Ave. Laconia, NH**	**LA4-5454**
	#6 *60 D 325-895-1135-1180-1425-1895		
	BRUEL & KJAER	**Lindevlie 23, Naerum, Denmark**	**800500**
	P Bruel #35 *600 E 15-195-250-610-670-895-1130-1705-1850-1935		
Ala	S S Lee Associates Inc	Terry-Hutchens Bldg, Huntsville, Ala	JE6-0631
Cal	Howard & Co	Box 506, S San Francisco, Cal	JU9-7062
Cal	B & K Instruments Inc	9304 Santa Monica Blvd, Beverly Hills	CR1-1111
Colo	Barnhill Associates	1170 S. Sheridan, Denver, Colo	WE5-4648
DC	S S Lee Associates Inc	2521 Ennalls Ave, Wheaton, Md	LO5-7066
Fla	S S Lee Associates Inc	Box 7896, Orlando, Fla	CH1-4445
Ill	Gent T Chase Co	435 Indianwood Blvd, Park Forest, Chicago	PI6-2359
Md	S S Lee Associates Inc	Box 205, Baltimore, Md	VA3-3434
Mass	George Gostenhofer & Associates	7 Wellington St, Waltham, Mass	TW4-9800
Mich	Electro Sales Assoc	15174 West Ave, Detroit 24	TW6-2280
Minn	Engineering Products Associates	1871 University Ave, St. Paul, Minn	MI6-3443
Mo	Lee Mark Associates	2001 Big Bend Blvd, St. Louis, Mo	MI7-1470
Mont	Lee Mark Associates	Box 8467, Kansas City, Mo	WE2-3313
NJ	V A Snyder Co., Inc	2165 Morris Ave, Union, NJ	MU8-6300
NM	Barnhill Assoc	2352 Apache Ln. Alamogordo	HE7-2787
NY	SD Associates	Box 274, Syracuse, NY	GR6-0272

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NC	S S Lee Associates Inc	Box 996, Winston Salem, NC	ST8-0431
Ohio	Electro Sales Assoc	335 E. 200 St, Cleve	RE2-7444
Ohio	B & K Instruments Inc	3044 W. 106th St, Cleveland 11, Ohio	CL1-8430
Pa	V A Snyder Co., Inc	1424 Race St, Philadelphia, Pa	WA2-9034
Tex	Ecklund Electronic Sales Co	Box 12151, Ft. Worth, Tex	PE8-9773
Utah	Barnhill Associates	207 N. 4th E., Salt Lake City, Utah	EL5-5111
Wash	Harry Levinson Co	1117 2nd Ave, Seattle, Wash	MA2-5461
	BRUNING CO., INC., CHARLES	**1800 Central Rd, Mt. Prospect, Ill**	**WH4-6566**
	525-1075		
Ariz	Charles Bruning Co., Inc	1512 N. Central Ave, Phoenix, Ariz	
Cal	Charles Bruning Co., Inc	655 Cahuenga Blvd, Los Angeles 38, Cal	
Cal	Charles Bruning Co., Inc	75 Industrial St, San Francisco 24, Cal	
Colo	Charles Bruning Co., Inc	362 Santa Fe Dr, Denver, Colo	
Conn	Charles Bruning Co., Inc	49 Bridgeport Ave, Devon, Conn	
DC	Charles Bruning Co., Inc	2011 M St, N.W., Washington 7, DC	
Ga	Charles Bruning Co., Inc	411 Williams St, N.W., Atlanta 3, Ga	
Hawaii	Charles Bruning Co., Inc	317 Kamakee St, Honolulu 14, Hawaii	
Ill	Charles Bruning Co., Inc	300 W. Congress Pkwy, Chicago 7, Ill	
Ill	Charles Bruning Co., Inc	724 Broadway, Rockford, Ill	
Ind	Charles Bruning Co., Inc	1815 N. 18 St, Indianapolis, Ind	
Kan	Charles Bruning Co., Inc	608 E. Central St, Wichita, Kan	
La	Charles Bruning Co., Inc	540 S. Broad St, New Orleans 18, La	
Md	Charles Bruning Co., Inc	650 N. Point Rd, Baltimore 5, Md	
Mass	Charles Bruning Co., Inc	983 Commonwealth Ave, Boston 15, Mass	
Mich	Charles Bruning Co., Inc	2715 E. Grand Blvd, Detroit 11, Mich	
Mo	Charles Bruning Co., Inc	2546 Broadway, Kansas City 8, Mo	
Mo	Charles Bruning Co., Inc	2625 Olive St, St. Louis 3, Mo	
Neb	Charles Bruning Co., Inc	2102 Burt St, Omaha	345-3887
NJ	Charles Bruning Co., Inc	125 North St, Teterboro, NJ	
NY	Charles Bruning Co., Inc	100 Church St, New York 7, NY	
NY	Charles Bruning Co., Inc	796 Linden Ave, Rochester 12, NY	
NY	Charles Bruning Co., Inc	75 Allen Blvd, E. Farmingdale	MY4-5220
Ohio	Charles Bruning Co., Inc	3605 St. Clair Ave, Cleveland 14, Ohio	
Ohio	Charles Bruning Co., Inc	213 E. Helena St, Dayton, Ohio	
Ohio	Charles Bruning Co., Inc	665 E. Cuyahoga Falls Ave. Akron 10	WA3-9786
Okla	Charles Bruning Co., Inc	809 N.W. 2nd St, Oklahoma City 2, Okla	
Ore	Charles Bruning Co., Inc	2136 S.W. 5 Ave, Portland 1, Ore	
Pa	Charles Bruning Co., Inc	7790 Dungan Rd, Philadelphia 11, Pa	
Pa	Charles Bruning Co., Inc	921 Ridge Ave, Pittsburgh 12, Pa	
Tex	Charles Bruning Co., Inc	1936 McKinney at Harwood, Dallas 1, Tex	
Tex	Charles Bruning Co., Inc	3522 Polk Ave, Houston 1, Tex	
Va	Charles Bruning Co., Inc	1506 Belleville St, Richmond 30, Va	
Wash	Charles Bruning Co., Inc	5921-4 Ave, S., Seattle 8, Wash	
Wisc	Charles Bruning Co., Inc	530 N. 9th St, Milwaukee 3, Wisc	
	BRUNO-NY INDUSTRIES CORP	**460 W. 34 St, New York 1, NY**	**LO4-5930**
	G LaRoe #10 *150 E 35-895-910-1075-1135-1825		
	BRUNSWICK INSTRUMENTS	**P.O. Box 813, New Brunswick, NJ**	**CH7-5919**
	E Heredcar #1 *3 A 895		
	BRUSH BERYLLIUM CO	**5209 Euclid Ave. Cleve 3, Ohio**	**EN1-5400**
	K Miller *1555 G 240-900-1125		
Cal	Brush Beryllium Co, The	24153 Clawiter Rd, Hayward	JE8-9600
Cal	Kruson Wire & Steel Co	7271 Paramount Blvd, Pico Rivera	RA3-0441
Conn	Gibbs Wire & Steel Co	W. & Spring Sts, Southington	WA8-5574
Ill	Penn Precision Prods. Inc	9333 Schiller Blvd, Franklin Park	GL5-7450
Mass	Brush Beryllium Co, The	31 St. James Ave, Boston 16	LI2-2755
Mich	Brush Beryllium Co, The	510 Maccabees Bldg, Detroit 2	TE1-5451
NY	Brush Beryllium Co., The	55 Church St, White Plains	WH9-1230
Ohio	Brush Beryllium Co, The	Suite 1317, Talbott Tower, Dayton 2	BA4-7552
Ohio	Brush Beryllium Co, The	Elmore	EL2-2745
Pa	Brush Beryllium Co, The	246 Bala Ave, Bala-Cynwyd	MO4-6749
Pa	Brush Beryllium Co, The	4135 Brownsville Rd, Pittsbgh 27	TA3-3441
Pa	Brush Beryllium Co., The	Shoemakersville	FR5-4361
•	**BRUSH INSTRUMENTS DIV OF CLEVITE CORP**	**37th & Perkins, Cleveland 14, Ohio**	**EN1-3315**
	D Pierce #85 *450 F 338-810-895-1250-1850		
Ala	W A Brown & Associates	3405 Lookout Dr, S.E., Huntsville, Ala	JE6-8093
Ariz	Brooks, Fenger & Assoc	344 E 1st St, Scottsdale	WH6-2111
Cal	Brush Instruments Div of Clevite Corp	1860 S. La Cienega Blvd, Los Angeles	UP0-7517
Cal	Brush Instruments Div of Clevite Corp	61 Renato Ct, Redwood City, Cal	EM9-5001
Colo	Brooks Fenger & Associates	3241 S. Broadway, Englewood, Colo	SU1-7375
Fla	W A Brown & Associates Inc	711 Magnolia Dr, Orlando, Fla	GA5-5662
Fla	W A Brown & Associates Inc	201 Caster Rd, Indian River City, Fla	1066
Ill	Hugh Marsland & Co	6630 Lincoln Ave, Chicago 49, Ill	OR6-1100
Ind	Hugh Marsland & Co	6730 E. 19th St, Indianapolis, Ind	FL6-4249
Md	Brush Instr Div of Clevite Corp	6715 Kenilworth Ave, Riverdale	
Mass	Brush Instruments Div of Clevite Corp	677 Worcester St, Natick, Mass	OL3-5450
Mich	Saturn Co., The	4512 N. Woodward, Royal Oak, Mich	JO6-2275
Minn	Hugh Marsland & Co	231 N. Edgewood Ave, Minneapolis, Minn	LI5-4401
Mo	Lee Mark Associates	2001 Big Bend Blvd, St. Louis 17, Mo	MI7-1470
Mo	Lee Mark Associates	4021 W. 86th St, Kansas City, Mo	NI2-3313
NM	Brooks, Fenger & Assoc	5510 Domingo Rd, NE, Albuquerque	AM8-1724
NY	Burlingame Associates Ltd	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
NY	Burlingame Associates Ltd	514 University Bldg, Syracuse, NY	GR4-7400
NC	W A Brown & Associates Inc	1707 Princeton St, S.W., Winston-Salem	PA5-5204
Pa	Burlingame Associates Ltd	222 Long Ln, Upper Darby, Pa	SH7-9000
Tex	Mitchell Speairs Co	4914 James Ave, Ft Worth 15	WA3-4007
Utah	Brooks, Fenger & Assoc	253 Rio Grande, Salt Lake City	EL9-2427
Wash	Brush Instruments Div of Clevite Corp	Boeing Field, Administration Bldg, Seattle	PA3-9514
Canada	Bayly Engineering Ltd	Hunt St, Ajax, Toronto, Ontario, Canada	AJ118
Canada	Bayly Engineering Ltd	48 Sparks St, Ottawa, Ontario, Canada	CE2-9921
	BRYANT COMPUTER PRODS. DIV. EXCELLO CORP	**Walled Lake, Mich**	
	338-810		
	BRYS INSTRUMENT CO	**7026 6th Ave. Brooklyn 9, NY**	**BE8-0305**
	O Lobkemper #3 *12 A 320-1075-1330-1475		
NJ	West & Assoc	58 Hudson St, Hoboken	OL6-5333
•	**BUCHANAN ELECTRICAL PRODUCTS CORP**	**525 US 22, Hillside, NJ**	**WA3-7474**
	#3 *100 E 345-1780-1785-1825		
Ala	Belcher & Associates Inc	512 N. 18th St, Birmingham 3, Ala	FA2-1733

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	Frank Rodema	412 Boston St, Los Angeles 13, Cal	MA9-3155
Colo	Fred A Preese Co	4501 E. 38th St, Denver 7, Colo	DU4-4643
DC	A D Wilson	508 St Paul St, Baltimore 2, Md	SA7-1424
Fla	Belcher & Associates Inc	6751 Atlantic Blvd, Jacksonville 11, Fla	RA4-7811
Ga	Belcher & Associates Inc	58 Peachtree St, N.W., Atlanta 3, Ga	JA5-4221
Ill	Donald E Anderson	600 W. Jackson Blvd, Chicago 6, Ill	AN3-7020
Ind	William E Jobes	1342 E. 90th St, Indianapolis 20, Ind	VI6-1110
Iowa	Bixler-O'Daugherty Co	1015 W. Broadway, Council Bluffs, Iowa	2-0455
Iowa	Bixler-O'Daugherty	1204 Grand Ave, Des Moines 9, Iowa	328-1441
Md	A D Wilson	508 St Paul St, Baltimore 2, Md	SA7-1424
Mass	John F Hadfaway	23 Glendale Rd, Quincy 69, Mass	GR2-5802
Mich	Horton Electric Sales	13545 Memorial Ave, Detroit 27, Mich	VE4-1452
Minn	McCulloch Sales Co	714 Portland Ave, Minneapolis 15, Minn	FE2-3644
Mo	Charles L Arehart	5316 Garfield St, Kansas City 30, Mo	DE3-0809
NJ	Waldron Sales Engineering Co	500 Irvington Ave, Newark 6, NJ	ES4-0074
NY	Kenneth W Todd	101 Park Ave, New York 17, NY	MU3-4555
NC	C Carroll Nachtingale	5538 Murray Hill Rd, Charlotte 8, NC	JA3-0558
Ohio	Pogue C Sherrill	P.O. Box 1873, Cincinnati 1, Ohio	BE1-9734
Ohio	Horton Electric Sales	5045 Harper Rd, Cleveland 35, Ohio	CH8-1969
Ore	Keeler White-Portland	322 N.W. Fourth Ave, Portland 9, Ore	CA7-0583
Pa	William J Cusick	228 Quarry St, Philadelphia 6, Pa	MA7-6424-25
Pa	John R Schmidt	1430 Western Ave, Pittsburgh 33, Pa	FA2-2735
Tenn	W L Clinton & Associates	1711 L Cooper St, Memphis 4, Tenn	BP4-1744
Tex	W L Clinton & Associates	P.O. Box 2964, Houston 1, Tex	FA3-2701
Wash	TAL Agencies, Inc	3541 Sixth Ave, S Seattle 4, Wash	MA3-2807
	BUCK ENGINEERING CO., INC	**43 Mercy St, Freehold, NJ**	**HO2-1111**
	J Cowan #5 *40 D 895-1340		
Ohio	Amie Forrest Jr	3000 Prior Drive, Cuyahoga Falls, Ohio	WA8-3941
	BUCKBEE MEARS CO	**Tens Bldg, St. Paul, Minn**	**CA7-6371**
	1885		
•	**BUD RADIO INC**	**2118 E. 55th St, Cleveland 3, Ohio**	**HE1-7166**
	S Lovitt #3 *100 E 55-105-135-180-220-225-230-260-320-370-590-785-790-920-1055-1065-1120-1245-1390-1605-1620-1875		
Ala	Cartwright & Bean Co	625 Harwyn Dr, Charlotte, NC	FR6-8648
Ariz	Jack Berman Co., Inc	4046 N. First Ave, Phoenix, Ariz	UN5-9321
Ark	Cartwright & Bean Co	625 Harwyn Dr, Charlotte, NC	FR6-8648
Cal	Jack Berman Co., Inc	1141 S. LaCienega Blvd, Los Angeles	OL5-8201
Cal	David H Ross Co	514 El Camino Real, San Carlos, Cal	LY1-4411
Colo	R G Bower Co., Inc	721 S. Broadway, Denver 9, Colo	RA2-4641
Conn	Henry P Segel Co., Inc	395 Washington St, Brookline 46, Mass	BE2-7525
Del	Harold A Moyer Co	152 Merion Ave, Haddonfield 14, NJ	HA9-7792
DC	Harold A Moyer Co	152 Merion Ave, Haddonfield 14, NJ	HA9-7792
Fla	Cartwright & Bean Co	20111 NE 25 Ct, N Miami Beach	WI5-2962
Ga	Cartwright & Bean Co	3233 Cain's Hill Pl, N.W., Atlanta 5, Ga	CE7-2273
Ill	Bruce Cumming & Associates Inc	4029 W. Belmont Ave, Chicago 34, Ill	ME7-3770
Ill	Jack Kelly Sales Co	972 N. Geyer Rd, Kirkwood 22, Mo	TA2-1791
Ind	Southern Sales Co	Lakeshore Dr, Angola, Ind	777
Iowa	R W Farris Co., Inc	406 W. 34th St, Kansas City 11, Mo	PL3-5350
Kan	R W Farris Co., Inc	406 W. 34th St, Kansas City 11, Mo	PL3-5350
Ky	Southern Sales Co	Lakeshore Dr, Angola, Ind	777
La	Cartwright & Bean Co	821 Pontalba St, New Orleans, La	AU2264
Me	Henry P Segel Co., Inc	395 Washington St, Brookline 46, Mass	BE2-7525
Md	Harold A Moyer Co	152 Merion Ave, Haddonfield 14, NJ	HA9-7792
Mass	Henry P Segel Co., Inc	395 Washington St, Brookline 46, Mass	BE2-7525
Mich	Jack M Thorpe	640 Hidden Ln, Detroit 36, Mich	TU4-4360
Minn	Clark R Gibb Co., The	2433 Hennepin Ave, Minneapolis 5, Minn	FR7-1200
Miss	Cartwright & Bean Co	20190 N. E. 25th Ct, N. Miami Beach, Fla	
Mo	R W Farris Co., Inc	406 W. 34th St, Kansas City 11, Mo	PL3-5350
Mo	Jack Kelly Sales Co	972 N. Geyer Rd, Kirkwood 22, Mo	TA2-1791
Neb	R W Farris Co., Inc	406 W. 34th St, Kansas City 11, Mo	PL3-5350
Nev	Jack Berman Co., Inc	1141 S. LaCienega Blvd, L A 35, Cal	OL5-8201
NH	Henry P Segel Co., Inc	395 Washington St, Brookline 46, Mass	BE2-7525
NJ	Willgold Electronics Sales Corp	100 N Village Ave, Rockville Center, NY	4-4022
NJ	Harold A Moyer Co	152 Merion Ave, Haddonfield 14, NJ	HA9-7792
NY	Willgold Electronic Sales Corp	100 N Village Ave, Rockville Center	4-4022
NY	Mersey Sales Co., The	525 Merchants Rd, Rochester, NY	HU2-4133
NC	Cartwright & Bean Co	625 Harwyn Dr, Charlotte, NC	FR6-8648
Ohio	Robt H Daune & Assoc	18005 Chippewa Rd, Cleve 14	JA6-4317
Ohio	Mike Roth Sales Co	13947 Cedar Rd, Cleveland 18, Ohio	YE2-4262
Okla	Lund & Co	2215 N. Olive, Dallas 1, Tex	RI8-8839
Ore	Don H Burcham Co	510 N. 19th St, Portland 9, Ore	CAP-3830
Pa	Mersey Sales Co., The	525 Merchants Rd, Rochester, NY	HU2-4133
RI	Henry P Segel Co., Inc	395 Washington St, Brookline 46, Mass	BE2-7525
SC	Cartwright & Bean Co	625 Harwyn Dr, Charlotte, NC	FR6-8648
Tenn	Cartwright & Bean	563 S Cooper, Memphis	BR6-4462
Tex	Lund & Co	2215 N. Olive, Dallas 1, Tex	RI8-8839
Utah	R G Bower Co Inc	463 E 3rd S. Salt Lake City	EM3-4528
Vt	Henry P Segel Co., Inc	395 Washington St, Brookline 46, Mass	BE2-7525
Va	Cartwright & Bean Co	625 Harwyn Dr, Charlotte, NC	FR6-8648
Wash	Don H Burcham Co	2517 3rd Ave, Seattle	MA2-6512
W.Va	Mike Roth Sales Co	13947 Cedar Rd, Cleveland 18, Ohio	YE2-4262
Wisc	Bruce Cumming & Associates, Inc	4852 N. 24th St, Milwaukee 9, Wisc	UP3-1901
Foreign	Rotum Agencies Inc	431 Greenwich St, New York 13, NY	WO6-2130
Can	A T R Armstrong Ltd	700 Weston Rd, Toronto, Ont	
	BUDD CO	**2450 Hunting Park Ave, Phila 32, Pa**	**BA5-9100**
	BUDD ELECTRONICS INC	**43-22 Queens St. LIC 1, NY**	**EX2-5050**
	R Wels #80 *1600 G 35-325-338-370-445-775-820-895-1135-1395-1425-1610-1870		
NY	Budd Lewyt Electronics Inc	225 Washington St, Rome, NY	RO7-1154
NY	F P Pro	1919 Black River Blvd, Rome	
•	**BUDD STANLEY CO. INC**	**175 Eileen Way, Syosset, NY**	
	J Simmonds #15 *150 E 45-285-845-895-950-1045-1135-1205-1705		
•	**BUDELMAN ELECTRONICS CORP**	**375 Fairfield Ave, Stamford, Conn**	**FI8-9231**
	R Feistel #10 *60 D 325-895-1130-1135-1370-1425-1870		
Ariz	Aztec Radio, Inc	545 W Highland Ave, Phoenix 13	
Cal	SpaceCom, Inc	Box 58, Calistoga	WH2-4212
Colo	Empire Telectronics	5708 Balsam St, Arvada	HA4-6795
Fla	Dickerson Eng Sales Co, Inc	PO Box 1535, Atlantic Beach	
Ill	Elwin Eng	228 N La Salle St, Chicago	
Me	Somerset Telephone & Supply	North Anson	ME5-9901
Mont	Engineering Service, The	P O Box 178, Butte	6134
Ohio	Buckeye Telephone & Supply Co	1250 Kinnear Rd, Columbus 21	HU6-1855
Okla	J W Flint	325 Virginia, Ponca City	RO2-5360
Tex	Nelson Electric Supply Co	1120 Slocum St. Dallas 7	RI1-6341
W Va	Inland Communications, Inc	4239 Gary Dr. Huntington	
Can	Tele-Radio Systems Ltd	3633 Dundas St. W. Toronto 9, Ont	RO2-8224
For	Westrex Corp	540 W 58th St, New York 19, NY	JU2-3030
	BUHL OPTICAL CO	**1009 Beech Ave, Pittsburgh 33, Pa**	**FA1-0076**
	S Stone *100 D 995-1015		
	BUILDING BLOCKS ELECTRONIC CO	**2172 E 36 St. Brooklyn 34, NY**	**CL3-8931**
	G Defeuzo #1 *2 A 895-1340		
•	**BULOVA WATCH CO. INC. ELECTRONICS DIV**	**61-10 Woodside Ave. Woodside 77, NY**	**NE9-5700**
	J Merlin #20 *350 E 320-338-365-410-415-450-670-845-880-895-1215-1855		
Ala	Jake Rudisill Assoc	2009 N. Tryon St. Charlotte 8, NC	FR6-4792
Cal	Shepherd-Winters Co	3159 Cahuenga Blvd. Hollywood 28	HO6-2171
Colo	Kelley Enterprises	336 E. 4th St. Loveland	NO7-1376
Conn	Samuel C Hooker Inc	2 Winchester Pl, Winchester, Mass	PA9-2745
Del	F D Marcy Associates	1180 Raymond Blvd, Newark, NJ	MA2-2365
DC	F D Marcy Assoc	1180 Raymond Blvd, Newark, NJ	MA2-2385
Fla	C B Small	1703 Conway Rd, Orlando	CH1-4022
Idaho	Kelley Enterprises	336 E. 4th St. Loveland, Colo	NO7-1376
Ill	R C Whitmore & Associates	520 N. Michigan Ave, Chicago, Ill	MO4-1904
Ind	R C Whitmore & Assoc	520 N. Michigan Ave, Chicago 11, Ill	MO4-1904
Iowa	R C Whitmore & Assoc	520 N. Michigan Ave, Chicago 11, Ill	MO4-1904
KY	Edmund C Frost & Co	1545 Chelmsford Rd, Mayfield Hts. Ohio	HI2-9040
Me	Samuel C Hooker	2 Winchester Pl, Winchester, Mass	PA9-2745
Md	F D Marcy Associates	1180 Raymond Blvd, Newark, NJ	MA2-2365
Mass	Samuel C Hooker	2 Winchester Pl, Winchester, Mass	PA9-2745
Mich	R C Whitmore Associates	520 N. Michigan Ave, Chicago, Ill	MO4-1904
Minn	R C Whitmore	520 N. Michigan Ave, Chicago, Ill	MO4-1904
Mont	Jas J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
NH	Samuel C Hooker	2 Winchester Pl, Winchester, Mass	PA9-2745
NJ	F D Marcy Associates	1180 Raymond Blvd, Newark, NJ	MA2-2365
NJ	Comtronic Associates	1551 Franklin Ave, Mineola, NY	PI1-8966
NM	Kelley Enterprises	336 E. 4th St. Loveland, Colo	NO7-1376
NY	Savco Inc	124 Kinne Rd, E. Syracuse, NY	GI6-4927
NC	Jake Rudisill Assoc	2009 N. Tryon St. Charlotte 8	FR6-4792
Ohio	Edmund C Frost & Co	1545 Chelmsford Rd, Mayfield Hts. Ohio	HI2-9040
Okla	Robert E Nesbitt Co	1922 Cedar Springs, Dallas 1, Tex	RI7-5824
Ore	Jas J Backer	221 W. Galer St, Seattle 99, Wash	AT3-6470
Pa	F D Marcy Associates	1180 Raymond Blvd, Newark, NJ	MA2-2365
RI	Samuel C Hooker	2 Winchester Pl, Winchester, Mass	PA9-2745
SC	Jake Rudisill Assoc	2009 N. Tryon St. Charlotte 8, NC	FR6-4792
Tenn	Jake Rudisill Assoc	2009 N. Tryon St. Charlotte 8, NC	FR6-4792
Tex	Robert E Nesbitt	1922 Cedar Springs, Dallas 1, Tex	RI7-5824
Utah	Kelley Enterprises	336 E. 4th St. Loveland, Colo	NO7-1376
Vt	Samuel C Hooker	2 Winchester Pl, Winchester, Mass	PA9-2745
Va	Jake Rudisill Assoc	2009 S. Tryon St. Charlotte 8, NC	FR6-4792
Wash	Jas J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
W Va	Edmund C Frost & Co	1545 Chelmsford Rd, Mayfield Hts. Ohio	HI2-9040
Wisc	R C Whitmore	520 N. Michigan Ave, Chicago, Ill	MO4-1904
Wyo	Kelley Enterprises	336 E. 4th St. Loveland, Colo	NO7-1376
For	Intl. Electro-Comp Co	Crescent Rd, Pine Brook, NJ	CA6-3493
	BULOW ELECTRIC CO INC	**11000 Capitol Ave. Oak Park, Mich**	**LI7-1133**
	R Bulow #5 *22 C 45-338-360-820-1395-1880		
Ala	Wm B Dover	200 Roebuck Dr. Birmingham	VE3-0535
Cal	Frank Trombley	620 Sacramento Blvd. Sacramento	GI3-1130
Fla	Wm B Dover	200 Roebuck Dr. Birmingham, Ala	VE3-0535
Ga	Wm B Dover	200 Roebuck Dr. Birmingham, Ala	VE3-0535
Ind	Paul Funkouser	1615 Buckingham, Birmingham, Mich	MI7-0320
Mo	Paul Funkouser	1615 Buckingham, Birmingham, Mich	MI7-0320
Ohio	Paul Funkouser	1615 Buckingham, Birmingham, Mich	MI7-0320
Pa	Paul Funkouser	1615 Buckingham, Birmingham, Mich	MI7-0320
Wis	Paul Funkouser	1615 Buckingham, Birmingham, Mich	MI7-0320
	BUNDY ELECTRONICS CORP	**171 Fabyan Pl, Newark 12, NJ**	**ES2-1872**
	J Klein #4 *45 C 255-320-670-895-1200-1420-1855		
Cal	J C Simon	533 S La Brea Ave, Los Angeles, Cal	WE9-2196
NY	Willgold Electronic Sales	100 N Village Ave, Rockville Center, NY	RO4-4022
Ohio	Cliff Hockenberg Assoc	106 S Woodward Ave, Birmingham, Mich	MI7-1172
	BUREAU OF ENGRAVING INC INDUSTRIAL DIV	**500 S. 4th Ave, Minneapolis 15, Minn**	**FE9-0721**
	M Larson #3 *110 280		
Ariz	E G Reyman	4625 E. Devonshire, Phoenix, Ariz	WH5-0039
Cal	Bernard Goldwater	7039 Sausalito Ave, Canoga Park, Cal	DI8-4510
Fla	Eugene C Bleech	1215 Virginia Dr. Orlando	GA3-9590
Ill	G McL Cole Co	6504 N. Higgins Rd, Chicago 31, Ill	SP4-3535
Iowa	George E Harris & Co., Inc	Merchants Natl Bank Bldg, Cedar Rapids	EM2-6302
Kan	Geo. E Harris & Co	2522 E. Douglas, Wichita	MU2-2731
Mass	Arthur E Akeroyd Co	John Hancock Bldg, Boston 16, Mass	HA6-2434
Mich	Koehler-Pasmore Co	11633 Hamilton Ave, Detroit 3, Mich	TO8-3322
NJ	T R Morrow Co	P.O. Box 206, Chatham, NJ	ME5-8980
Ohio	F E Kintner	4026 Glenway Ave, Cincinnati 38, Ohio	MA1-3943
Ohio	H K Grant	3630 Tremainsville Rd, Toledo 13, Ohio	GR4-8563
Tex	George E Harris & Co., Inc	204 E. Main St, Arlington, Tex	CR4-2761
•	**BURGESS BATTERY CO DIV OF SERVEL INC**	**Freeport, Ill**	**AD2-2161**
	W Riddell #17 *1200 G 70		
•	**BURKE & JAMES INC**	**321 S. Wabash Ave, Chicago 4, Ill**	**HA7-8393**
	A Drucker #6 *150 E 200-315-895-1015-1075-1260-1450		
	BURKLYN CORP	**3429 Glendale Blvd. LA 39, Cal**	**NO2-3111**
	A Reed #3 *10 B 645-790-1075-1120-1825		
	BURLING INSTRUMENT CO	**23 River Rd, Chatham, NJ**	**ME5-9481**
	H Burling Jr #2 *13 B 360-1735-1805		
Ala	Garrett Parker & Assoc	PO Box 11675, Atlanta 5, Ga	237-4302
Ariz	Charles Meriam Co	5017 Telegraph Rd, Los Angeles, Cal	AN9-8271
Ark	Quigg Process Eqpt Co	PO Box 4615, Tulsa, Okla	RI2-5273
Cal	Ralph R Lundy	1063 Howard St, San Francisco, Cal	UN3-3111
Cal	Charles Meriam Co	5017 Telegraph Rd, Los Angeles 22, Cal	AN9-8271
Conn	Marshall Control Prods Co	PO Box 55, New Canaan	WO6-1631
Del	John C Whiddett Co	7714 W. Chester Pike, Upper Darby, Pa	TR8-6400
DC	Geo Goodman Co	103 E. 25th St, Baltimore 18, Md	BE5-5570
Fla	Garrett Parker & Assoc	PO Box 11675, Atlanta 5, Ga	237-4302
Ga	Garrett Parker & Assoc	PO Box 11675, Atlanta 5	237-4302
Idaho	Standard Electric Sales Co	204 W. Lucile St, Seattle 4, Wash	PA5-9440
Ill	Kelburn Engineering Co	3136 Clarence Ave, Berwyn, Ill	ST8-6485
Ind	Kelburn Engineering Co	3136 Clarence Ave, Berwyn, Ill	ST8-6485
Iowa	H G Klug Co	2029 N. 67th Ave, Omaha, Neb	GL1377
Kan	R I Spengler Co	705 Walnut St, Kansas City, Mo	HA5373
Ky	B C Engineering Co	P.O. Box 34, Cincinnati, Ohio	TW1-6123
La	Pan-Tech Engineering Co	3302 Mercer St, Houston 27, Tex	JA6-4623
La	H R Gilbert Co	PO Box 4023, New Orleans 18	UN6-5524
Md	Geo Goodman Co	103 E. 25th St, Baltimore 18, Md	BE5-5570
Mass	H W Bacon	PO Box 205, Concord	CL9-9190
Mich	Jesse Elkins Co	15075 James Couzens Hwy, Detroit 38	DI1-0900
Minn	Industria Co	6504 Walker St, Minneapolis 26, Minn	WE9-6214
Miss	H R Gilbert Co	PO Box 4023, New Orleans 18, La	UN6-5524
Mo	R I Spengler Co	705 Walnut St. Kansas City 6	HA5373
Mont	Standard Elec Sales Co	204 W Lucile St. Seattle 4, Wash	PA5-9440
Neb	H G Klug Co	2029 N 67th St. Omaha 4	GL1377
Nev	Charles Meriam Co	5017 Telegraph Rd, Los Angeles 22	AN9-8271
NY	H C Johnson Agencies	111 Mt. Hope Ave, Rochester 20, NY	HA6-1090
NY	Mechanical Specialties Co	31 Church St, New York 7, NY	WO4-2501
NC	Brown & Morrison	Liberty Life Bldg, Charlotte, NC	ED3-0774
Ohio	Clarke H Joy Co	27001 Knickerbocker Rd, Bay Village	TR1-5400
Ohio	B C Engineering Co	P.O. Box 34, Cincinnati, 36, Ohio	TW1-6123
Okla	Quigg Process Equipment Co	P.O. Box 4615, Tulsa, Okla	RI2-5273
Ore	Standard Electric Sales	204 W. Lucile St, Seattle 4, Wash	PA5-9440
Pa	John C Whiddett Co	7714 W. Chester Pike, Upper Darby, Pa	TR8-6400
Pa	Walter N Laska	530 Sixth Ave, Pittsburgh 19, Pa	GR1-0400
SC	Brown & Morrison	Liberty Life Bldg, Charlotte, NC	ED3-0774
Tenn	George Giesler	PO Box 10045, Knoxville 19	588-9321
Tex	Hatfield & Co	P. O. Box 7072, Dallas, Tex	FL2-4736
Tex	Pan-Tech Engineering Co	3302 Mercer St, Houston, Tex	JA6-4623
Va	Geo Goodman Co	103 E. 25th St, Baltimore, Md	BE5-5570
Wash	Standard Electric Sales	204 W. Lucile St, Seattle 4, Wash	PA5-9440
W.Va	Walter Laska	530 Sixth Ave, Pittsburgh 19, Pa	GR1-0400
Wisc	Kelburn Engineering Co	3136 Clarence Ave, Berwyn, Ill	ST8-6485
Foreign	Moxlen-Wright Co	P.O. Box 1896, Hamden, Conn	AT8-1538
	BURMAC ELECTRONICS CO., INC	**142 S Long Beach Rd. Rockville Center, NY**	**OR8-3070**
	A Luee #5 *23 A 255-895-1135-1145-1200-1340-1855		
Ariz	Lloyd E West Co	262 S Los Robles Ave. Pasadena, Cal	MU1-5281
Cal	Lloyd E West Co	262 S Los Robles Ave. Pasadena	MU1-5281
Conn	Gysan Assoc	756 Bay Rd. Hamilton, Mass	WA2-5770
Del	Eng Assoc	2125 Md Ave. Baltimore, Md	HO7-1966
Fla	Wm J Brimley Co	4501 4th St, N., St. Petersburg	HE6-1014
Kan	Gordon Fixmen Eng Co	8160 Stanford Ave. St Louis 30, Mo	PA5-5219
Me	Gysan Assoc	756 Bay Rd. Hamilton, Mass	WA2-5770
Md	Engineering Associates	2125 Maryland Ave, Baltimore	HO7-1966
Mass	Gysan Associates	756 Bay Rd, Hamilton, Mass	WA2-5770
Mo	Gordon Fixmen Eng Co	8160 Stanford Ave. St Louis 30	PA5-5219
NH	Gysan Assoc	756 Bay Rd. Hamilton, Mass	WA2-5770
NJ	CDB Enterprises	16 Tacoma St, Staten Island, NY	GI8-2887
NM	Lloyd E West Co	262 S Los Robles Ave. Pasadena, Cal	MU1-5281
NY	E W Stone Co	301 Merritt Ave, Syracuse	HO9-3825
NY	CDB Enterprises	511 Broadway, Hicksville, NY	WE8-4444
RI	Gysan Assoc	756 Bay Rd. Hamilton, Mass	WA2-5770
Vt	Gysan Assoc	756 Bay Rd. Hamilton, Mass	WA2-5770
Va	Eng Assoc	2125 Md Ave. Baltimore, Md	HO7-1966
Can	Gysan Assoc	756 Bay Rd. Hamilton, Mass	WA2-5770
•	**BURNDY CORP**	**Norwalk, Conn**	**TE8-4444**
	A Auee #200 *2200 G 285-345-1780		
Ala	Charles W Ashby Co	1927 28th Ave S, Birmingham, Ala	TR9-1651
Ark	Curtis H Stout Co	400 Shall St, Little Rock, Ark	FR4-4211
Cal	Burndy of California Inc	14027 Ventura Blvd, Sherman Oaks, Cal	ST8-3281
Cal	George E Honn Co	565 Third St, San Francisco 7, Cal	SU1-7362
Colo	Aerol Associates	Denver Club Bldg, Denver, Colo	TA5-2046
Conn	J J Costello Co	P.O. Box 98, New Haven, Conn	MA4-4491
DC	Bradley Co, Inc	212 H St NW, Washington, DC	RE7-1300
Fla	Aerol Associates	920 Orange Ave, Winter Park, Fla	MI4-0311
Ga	Roy E Wilson Co	1062 Northside Dr, N.W., Atlanta, Ga	TR5-8024
Hawaii	Honolulu Electrical Prod Co Ltd	P.O. Box 499, Honolulu, Hawaii	HA5-7946
Ill	Burndy Midwest Inc	6030 Northwest Hwy, Chicago, Ill	SP4-1464
Ind	Burndy Midwest Inc	6030 Northwest Hwy, Chicago 31, Ill	SP4-1464
Kan	Aerol Associates	6671 E. Kellogg, Wichita 18, Kan	MU3-7421
La	Curtis H Stout Co, Inc	409 Fairfield Bldg, Shreveport, La	425-5405
Md	Bradley Co., Inc	3536 Sussex Rd, Baltimore 7, Md	OL3-3815
Mass	J J Costello Co	171 Clarendon St, Boston 16, Mass	CO6-3020
Mich	Johnson Sales Co	P.O. Box 797, Bay City, Mich	TW4-0471
Mich	M F Kraus Co	3117 W. McNichols Rd, Detroit 21, Mich	DI1-8886
Minn	Lloyd F Murphy & Assoc, Inc	1700 Hennepin Ave, Minneapolis 1, Minn	FR4-2150
Miss	Curtis H Stout Inc	708 Electric Bldg, Jackson, Miss	FL4-4135
Mo	Henderson Sales Co	13014 Manchester, St. Louis, Mo	YO5-7650
NY	Vincent J Brown Co	564 Ellicott Sq Bldg, Buffalo, NY	CL2122
NY	Burndy Corp	2 Penn Pl, Pelham, NY	LO4-3300
NY	Vincent J Brown Co	P.O. Box 147, Eastwood Sta, Syracuse	HO3-3161
NC	Glenn & Larson of Carolina Inc	1321 E. Morehead St, Charlotte, NC	ED4-3984
Ohio	Burndy of Ohio Inc	3433 E. McMillan St, Cincinnati, Ohio	PL1-1611
Ohio	Burndy of Ohio Inc	517 Huron Rd, Cleveland, Ohio	SU1-6612
Pa	Bradley Co., Inc	3341 Arch St, Philadelphia, Pa	EV2-4040
Pa	Muller Harper & Associates Inc	1st National Bank Bldg, Pittsburgh, Pa	AT1-4670
Tenn	Curtis H Stout of Tenn Inc	718 M & M Bldg, Memphis, Tenn	JA6-7801
Tex	Elgin B Robertson Inc	1009 Pittsman St, Dallas, Tex	RI2-3157
Tex	Marshall P Elmore	140 Little Flower Rd, El Paso, Tex	PR2-2991
Tex	Elgin B Robertson Inc	4121 San Jacinto St, Houston 4	JA9-3797
Va	Muller Harper & Associates Inc	P.O. Box 4166, Charleston, W. Va	WA5-5343
Va	Bradley Co., Inc	601 E. Franklin St, Richmond, Va	MI8-9166
Wash	Aerol Associates	422 First Ave, Seattle 99, Wash	AT2-5260
Foreign	Burndy Corp	55 Ave de France, Antwerp, Belgium	
Canada	Burndy Canada Ltd	1530 Birchmount Tit, Scarboro, Tor, Can	PL7-8761
	BURNDY CORP, OMATON DIV, BUGGIE FACILITY	**Box 817, Toledo 1, Ohio**	**OX1-2411**
	W Noonan Jr #26 *300 E 45-185-345-1630		
Ala	Charles W Ashby Co	1927 28th Ave. S, Birmingham 9	TR9-1651
Ariz	Burndy of Cal, Inc	PO Box 851, Sherman Oaks, Cal	ST8-3281
Cal	Burndy of Cal, Inc	PO Box 851, Sherman Oaks	ST8-3281

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	George E Harn Co	560 3rd St. S F 7	SU1-7352
Colo	Davis Industries	655 Broadway, Denver	TA5-1329
Conn	J J Costello Co	P.O. Box 88, New Haven 1, Conn	MA4-4491
Del	Bradley Co., Inc	3341 Arch St, Philadelphia 4, Pa	EV2-4040
DC	Bradley Co., Inc	P.O. Box 1929, Wash 13, DC	RE7-1300
Fla	Aerol Assoc, Inc	825 Orange Ave. Winter Park	MI4-0311
Fla	Charles W Ashby Co	1827 28th Ave. S, Birmingham 9, Ala	TR9-1651
Ga	Roy E Watson Co	1142 Northside Dr, NW, Atlanta 18	TR6-8833
Idaho	Davis Industries	900 5th Ave, Seattle 4, Wash	MA4-3113
Ill	Bundy Midwest Inc	6000 Northwest Hwy, Chicago 31, Ill	SP4-1464
Ind	Bundy Midwest Inc	6000 Northwest Hwy, Chicago 31, Ill	SP4-1464
Ind	Bundy Of Ohio Inc	1433 E. McMillan St, Cincinnati 6, Ohio	PL1-1611
Iowa	Aerol Assoc, Inc	5920 Nall Ave. Mission, Kan	HE2-8212
Iowa	Bundy Midwest Inc	6000 Northwest Hwy, Chicago 31, Ill	SP4-1464
Kan	Aerol Assoc, Inc	5920 Nall Ave. Mission	HE2-8212
Kan	Aerol Associates Inc	6631 E. Kellogg, Wichita 7, Kan	MU3-7421
Ky	Bundy Of Ohio Inc	1433 E. McMillan, Cincinnati 6, Ohio	PL1-1611
Me	J J Costello Co	131 Clarendon St, Boston 16, Mass	CO6-3828
Md	Bradley Co., Inc	3341 Arch St, Philadelphia 4, Pa	EV2-4040
Md	Bradley Co., Inc	P.O. Box 1929, Washington 13, DC	RE7-1300
Mass	J J Costello Co	131 Clarendon St, Boston 16, Mass	CO6-3828
Minn	Lloyd F Murphy & Assoc, Inc	1940 Hennepin Ave, Mpls 5	FR4-2350
Mo	Aerol Assoc, Inc	5920 Nall Ave. Mission, Kan	HE2-8212
Mont	Davis Industries	900 5th Ave. Seattle 4, Wash	MA4-3113
Neb	Aerol Assoc, Inc	5920 Nall Ave. Mission, Kan	HE2-8212
Nev	George E Harn Co	560 3rd St. S F 7, Cal	SU1-7352
NH	J J Costello Co	131 Clarendon St, Boston 16, Mass	CO6-3828
NJ	Bundy Corp	2 Penn Pl, Pelham, NY	LU4-5000
NJ	Bradley Co., Inc	3341 Arch St, Philadelphia 4, Pa	EV2-4040
NM	Davis Industries	655 Broadway, Denver, Colo	TA5-1329
NY	Bundy Corp	2 Penn Pl, Pelham, NY	LU4-5000
NY	Vincent J Brown Co	564 Ellicott Square Bldg, Buffalo 3	TL2-1122
NY	Vincent J Brown Co	P.O. Box 142, Eastwood Sta, Syracuse 6	HO3-9561
NC	Glenn & Larsen of Carolina Inc	1121 E. Morehead St, Charlotte 3, NC	ED4-3894
ND	Lloyd F Murphy & Assoc, Inc	1940 Hennepin Ave, Mpls 5, Minn	FR4-2350
Ohio	Lowry District Co	713 Clinton Blvd, Pittsburgh 36, Pa	TU1-2228
Ohio	Bundy of Ohio Inc	517 Huron Rd, Cleveland 15, Ohio	SU1-6612
Ohio	Bundy of Ohio Inc	1433 E. McMillan St, Cincinnati 6, Ohio	PL1-1611
Okla	Aerol Assoc, Inc	6631 E Kellogg, Wichita 7, Kan	MU3-7421
Ore	Davis Industries	900 5th Ave. Seattle 4, Wash	MA4-3113
Pa	Bradley Co., Inc	3341 Arch St, Philadelphia 4, Pa	EV2-4040
Pa	Lowry District Co	713 Clinton Blvd, Pittsburgh 36, Pa	TU1-2228
RI	J J Costello Co	131 Clarendon St, Boston 16, Mass	CO6-3828
SC	Glenn & Larsen of Carolina Inc	1121 E. Morehead St, Charlotte 3, NC	ED4-3894
SD	Lloyd F Murphy & Assoc, Inc	1940 Hennepin Ave, Mpls 5, Minn	FR4-2350
Tenn	Charles W Ashby Co	1827 28th Ave. S, Birmingham 9, Ala	TR9-1651
Tex	Elgin B Robertson, Inc	1339 Plowman St. Dallas 3	WH2-3157
Tex	Elgin B Robertson, Inc	4101 San Jacinto St. Houston 4	JA9-3797
Utah	Davis Industries	655 Broadway, Denver, Colo	TA5-1329
Vt	J J Costello Co	131 Clarendon St, Boston 16, Mass	CO6-3828
Va	Bradley Co., Inc	P.O. Box 1929, Washington 13, DC	RE7-1300
Wash	Davis Industries	900 5th Ave. Seattle 4	MA4-3113
W. Va	Lowry District Co	713 Clinton Blvd, Pittsburgh 36, Pa	TU1-2228
Wis	Lloyd F Murphy & Assoc, Inc	1940 Hennepin Ave. Mpls 5, Minn	FR4-2350
Wisc	Bundy Midwest Inc	6000 Northwest Hwy, Chicago 31, Ill	SP4-1464
Wyo	Davis Industries	655 Broadway, Denver, Colo	TA5-1329
Can	Bundy Canada, Ltd	1535 Birchmount Rd. Toronto, Ont	PL7-8761
For	Bundy Electra, S A	Amstraat, Malines, Belg	
Foreign	Insulated Callender's Cables Ltd	Prescot, Lancashire, England	PR6571
•	**BURNELL & CO., INC**	**10 Pelham Pkwy, Pelham, NY**	**PE8-5000**
	L Schwartz #14 *400 E 325-450-670-880-1830		
Ala	Specialized Electronic Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
Cal	Burnell & Co., Inc	720 Mission St. S. Pasadena, Cal	MU2-2841
Colo	Vinson Associates	3500 S. Lincoln, Englewood, Colo	SU9-2851
Conn	G M Hathaway Electronics Inc	P.O. Box 797, Canaan, Conn	TA4-7215
Del	Massey Associates	529 Brookhurst Ave, Narberth, Pa	MO4-4200
DC	Massey Associates	111 Centerway, Greenbelt, Md	GR4-2071
Fla	Massey Assoc	1224 E Colonial Dr, Orlando	GA3-0551
Ga	Specialized Electronic Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
Hawaii	Ray Johnston Co	1011 E. 95th St, Seattle 15, Wash	LA4-5170
Idaho	Ray Johnston Co	1011 E. 95th St, Seattle 15, Wash	LA4-5170
Ill	Caine Electronic Sales Co	4120 W. Lawrence Ave, Chicago, Ill	SP7-4022
Ind	Sheridan Associates	Roselawn Center Bldg, Cincinnati, Ohio	ME1-2450
Iowa	Caine Electronic Sales Co	4120 W. Lawrence Ave, Chicago, Ill	SP7-4022
Kan	Tex-O-Kan Sales Co	P.O. Box 747, Grand Prairie, Tex	AN2-0166
Me	G H Hathaway Electronics Inc	238 Main St, Cambridge, Mass	KI7-0080
Md	Massey Associates	111 Centerway, Greenbelt, Md	GR4-2071
Mass	G M Hathaway Electronics Inc	238 Main St, Cambridge, Mass	KI7-0080
Mich	Jim Monroe Sales Co	1149 Hamilton Ave, Highland Park	TO5-7400
Minn	Caine Electronic Sales Co	4120 W. Lawrence Ave, Chicago, Ill	SP7-4022
Miss	Specialized Electronic Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
Mo	Howell Sales Inc	235 SE 14th St, Grand Prairie, Tex	AN2-5153
Mont	Ray Johnston Co	1011 E. 95th St, Seattle 15, Wash	LA4-5170
NH	G M Hathaway Electronics Inc	238 Main St, Cambridge, Mass	KI7-0080
NJ	Bressler Assoc	4808 Bergenline Ave. Union City	UN4-9577
NM	Vinson Associates	3500 S. Lincoln, Englewood, Colo	SU9-2851
NY	Bressler Assoc	4808 Bergenline Ave. Union City, NJ	UN4-9577
NC	Specialized Electronic Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
Ohio	Sheridan Associates	Roselawn Center Bldg, Cincinnati, Ohio	ME1-2450
Okla	Howell Sales Inc	235 SE 14th St. Grand Prairie, Tex	AN2-5153
Ore	Ray Johnston Co	1011 E. 95th St, Seattle 15, Wash	LA4-5170
Pa	Massey Associates	529 Brookhurst Ave, Narberth, Pa	MO4-4200
Pa	Sheridan Associates	Roselawn Center Bldg, Cinn, Ohio	ME1-2450
RI	G M Hathaway Electronics Inc	238 Main St, Cambridge, Mass	KI7-0080
SC	Specialized Electronic Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
Tenn	Specialized Electronic Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
Tex	Howell Sales Inc	235 SE 14th St, Grand Prairie	AN2-5153
Utah	Vinson Associates	3500 S. Lincoln, Englewood, Colo	SU9-2851
Vt	G M Hathaway Electronics Inc	238 Main St, Cambridge, Mass	KI7-0080
Va	Massey Associates	111 Centerway, Greenbelt, Md	GR4-2071
Wash	Ray Johnston Co	1011 E. 95th St, Seattle 15, Wash	LA4-5170
Wisc	Caine Electronic Sales Co	4120 W. Lawrence Ave, Chicago, Ill	SP7-4022
Wyo	Vinson Associates	3500 S. Lincoln, Englewood, Colo	SU9-2851
	BURNLEY BATTERY & MFG. CO	**Clay St, North East, Pa**	**SA5-2595**
	***3 A 700**		

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
	BURR-BROWN RESEARCH CORP	**Box 6444 Tucson, Ariz**	**AX8-3772**
	T Brown, Jr #4 *15 B 275-338-475-895-1150-1220		
Cal	W K Geist Co	3177 Glendale Blvd. Los Angeles 39	NO5-1195
Cal	W K Geist Co	P O Box 643, Cupertino	YO8-1608
Conn	Measurement Equipment Co., Inc	244 Main St. N Reading, Mass	RE2-4520
Del	C E Snow Co	8219 Wisconsin Ave, Bethesda, Md	OL4-1767
DC	C E Snow Co	8219 Wisconsin Ave, Bethesda, Md	OL4-1767
Ill	Walter F Marsh & Associates	244 Chicago Ave. Oak Park	EU6-2967
Ind	Walter F Marsh & Associates	244 Chicago Ave. Oak Park, Ill	EU6-2967
Iowa	Walter F Marsh & Associates	244 Chicago Ave. Oak Park, Ill	EU6-2967
Me	Measurement Equipment Co., Inc	244 Main St. N Reading, Mass	RE2-4520
Md	C E Snow Co	8219 Wisconsin Ave, Bethesda, Md	OL4-1767
Mass	Measurement Equipment Co., Inc	244 Main St. North Reading	RE2-4520
NH	Measurement Equipment Co., Inc	244 Main St. N Reading, Mass	RE2-4520
NJ	Jud Williams Associates	50 Main St. Orange	OR5-7199
NJ	C E Snow Co	919 E. Phil-Ellena St, Phila 50, Pa	LI8-4043
NY	Jud Williams Associates	50 Main St. Orange, NJ	OR5-7199
NY	Advanced Components Corp., Inc	119 Luther Ave. Liverpool	GR2-7886
Pa	C E Snow Co	1708 Jessie Ln, Havertown	GR4-1004
Pa	C E Snow Co	919 E. Phil-Ellena St, Phila 50, Pa	LI8-4043
RI	Measurement Equipment Co., Inc	244 Main St, N Reading, Mass	RE2-4520
Vt	Measurement Equipment Co., Inc	244 Main St. N Reading, Mass	RE2-4520
Va	C E Snow Co	8219 Wisconsin Ave, Bethesda, Md	OL4-1767
Wis	Walter F Marsh & Associates	244 Chicago Ave. Oak Park, Ill	EU6-2967
For	Frazer & Hansen Ltd	301 Clay St. San Francisco 11, Cal	EX2-5112
Canada	Electromechanical Products	Markham Rd, Agincourt, Ontario, Canada	AX3-7011
	BURROUGHS CORP. ELECTRONIC COMPONENTS DIV	**Box 1226, Plainfield, NJ**	**PL7-5900**
	A Shosser #30 *200 40-330-338-365-500-895-1135-1150		
Ala	Dbm Research Corp	P.O.Box 521, Cocoa Beach, Fla	SU3-2438
Ariz	Brooks, Feeger & Assoc	34A E 1st St. Scottsdale	WH5-2111
Ark	Arnold Barnes Co	Box 5417, Tulsa, Okla	NA7-1515
Cal	Tech-Ser Inc	3540 Wilshire Blvd, Los Angeles 5, Cal	DU5-1765
Cal	Tech-Ser Inc	1203 Rosecrans Blvd, San Diego, Cal	AC2-1121
Cal	Tech-Ser Inc	640 Donohoe St, E. Palo Alto, Cal	DA5-3251
Colo	Brooks, Feeger & Associates	3041 S. Broadway, Englewood, Colo	SU1-7375
Conn	Instrument Dynamics, Inc	2385 Main St, Stratford	DR8-0435
Del	Eastern Instrumentation, Inc	613 Cheltenham Rd, Phila 6, Pa	WA7-6269
DC	L G White & Co	880 Bonifant St, Silver Spring, Md	JU5-3141
Fla	Dbm Research Corp	P.O.Box 521, Cocoa Beach, Fla	SU3-2438
Ga	Dbm Research Corp	P.O Box 521, Cocoa Beach, Fla	SU3-2438
Idaho	Stanley Enterprises	127 River St, Seattle 8, Wash	PA3-3320
Ill	Lang, Clausen & Associates	6733 N Olmsted Ave, Chicago 31	SP4-3610
Ind	Robert O Whitesell & Associates	6620 E. Washington St, Indianapolis 19	FL9-5374
Iowa	Engineering Services Co	1105 Oakland Gardens, Cedar Rapids	EM5-6183
Kan	Engineering Services Co	4550 Main St, Kansas City, Mo	JE1-7765
Kan	Engineering Services Co	247 S Pinecrest, Wichita	MU3-3751
Ky	Robert O Whitesell & Associates	6620 E. Washington St, Indpls 19, Ind	FL9-5374
La	Arnold Barnes Co	3903 Lemmon Ave, Dallas 19, Tex	LA6-8735
Me	Instrument Dynamics Inc	11 Albion St, Wakefield, Mass	CR6-5100
Md	L G White & Co	880 Bonifant St, Silver Spring, Md	JU5-3141
Mass	Instrument Dynamics Inc	11 Albion St, Wakefield, Mass	CR6-5100
Mich	The Satullo Co	4512 N. Woodward Ave, Royal Oak, Mich	LI9-3930
Minn	Merrill Franklin Co	338 E Franklin Ave, Minneapolis	FE6-2315
Miss	Dbm Research Corp	P.O.Box 521, Cocoa Beach, Fla	SU3-2438
Mo	Engineering Services Co	6717 Vernon Ave. St Louis 30	PA6-2233
Mont	Stanley Enterprises	127 River St, Seattle 8, Wash	PA3-3320
Neb	Engineering Service Co	6717 Vernon Ave. St Louis 30, Mo	PA6-2233
Nev	Tech-Ser Inc	3540 Wilshire Blvd, Los Angeles 5, Cal	DU5-1765
NH	Instrument Dynamics Inc	11 Albion St, Wakefield, Mass	CR6-5100
NJ	R M C Associates Inc	391 Grand Ave, Englewood, NJ	LO7-3933
NM	Brooks, Feeger & Associates	5510 Domingo Rd, NE, Albuquerque	
NY	R M C Associates Inc	215 E. 75 St, New York 21, NY	TR9-2023
NY	J A Reagan Co., Inc	45 N Lake Ave, Albany 3	HE6-9649
NY	J A Reagan Co., Inc	6 E Bayberry Circle, Liverpool	HO3-8301
NY	J A Reagan Co., Inc	145 Millbrook Dr, Williamsville 21	NF2727
NY	J A Reagan Co., Inc	52 B Crestmont Rd, Binghamton	RA3-9561
NY	J A Reagan Co., Inc	11 Humphreys Terrace, New Hartford	RE2-3775
NC	L G White & Co., Inc	2080 Beach St, Winston-Salem	PA5-3612
ND	Merrill Franklin Co	338 E Franklin Ave, Mpls 4, Minn	FE6-2315
Ohio	The Satullo Co	16600 Euclid Ave, Cleveland, Ohio	IV6-2080
Ohio	Robert O Whitesell & Associates	2600 Far Hills Bldg, Dayton 19, Ohio	AX8-4291
Ohio	Robert O Whitesell & Associates	Box 2717, Cincinnati 17, Ohio	ME1-9210
Okla	Arnold Barnes Co	8514 E 31st Pl, Tulsa	NA7-1515
Ore	Stanley Enterprises	127 River St, Seattle 8, Ore	PA3-3320
Pa	The Satullo Co	992 Perry Hghwy, Pittsburgh 37, Pa	WE1-5200
Pa	Eastern Instrumentation, Inc	613 Cheltenham Rd. Philadelphia 26	WA7-6270
RI	Instrument Dynamics Inc	11 Albion St, Wakefield, Mass	CR6-5100
SD	Merrill Franklin Co	338 E Franklin Ave. Mpls 4, Minn	FE6-2315
Tenn	Dbm Research Corp	Box 521, Cocoa Beach, Fla	SU3-2438
Tex	Arnold Barnes Co	3903 Lemmon Ave, Dallas 19, Tex	LA6-8735
Utah	Brooks, Feeger & Associates	253 Rio Grande, Salt Lake City	EL9-2427
Vt	Instrument Dynamics Inc	11 Albion St, Wakefield, Mass	CR6-5100
Va	L G White & Co	880 Bonifant St, Silver Spring, Md	JU5-3141
Wash	Stanley Enterprises	127 River St, Seattle 8, Wash	PA3-3320
W. Va	The Satullo Co	992 Perry Hghwy, Pittsburgh 37, Pa	WE1-5200
Wis	Merrill Franklin Co	338 E Franklin Ave. Mpls 4, Minn	FE6-2315
Wisc	Robert L Lang & Associates	6733 N. Olmsted Ave, Chicago 31, Ill	SP4-3610
Foreign	Takachino Koheki Co., Ltd	Shin-Hanshin Bldg 47, Umeda-Cho, Kita-Ku, Osaka, Japan	
	BURTON INSTRUMENTS DIV BURTON MFG	**2520 Colorado Ave, Santa Monica, Cal**	**EX3-0255**
	480-895-990-1360-1850		
Cal	Aerol Associates Inc	1177 University Dr, Menlo Park, Cal	DA1-1714
Conn	Aerol Associates Inc	827 Park Ave, Bloomfield, Conn	CH2-5566
Fla	Aerol Associates Inc	212 E. Colonial Dr, Orlando, Fla	GA3-4489
Ga	Aerol Associates Inc	361 E. Paces Ferry Rd, N.E., Atlanta, Ga	CE3-8231
Kan	Aerol Associates Inc	6631 E. Kellogg, Wichita 18, Kan	MU4-0169
Kan	Aerol Associates Inc	5920 Nall Ave, Mission, Kan	HE2-8212
Md	Aerol Associates Inc	6603 York Rd, Baltimore 12, Md	DR7-8110
Mass	Aerol Associates Inc	850 Lexington St, Waltham, Mass	TW4-7450
Mo	Aerol Associates Inc	Box 6216, Lambert Field, Mo	PE1-6453
NJ	Aerol Associates Inc	1060 Raymond Blvd, Newark, NJ	MI3-0336
NY	Aerol Associates Inc	170 Great Neck Rd, Great Neck, NY	HU7-9550
NY	Aerol Associates Inc	103 Pickwick Rd, DeWitt, NY	GI6-4560
Ohio	A Robert Snyder Co	41 E. 1st St, Dayton 2, Ohio	BA3-7262

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
Ohio	Aerol Associates Inc	7719 Reading Rd, Cincinnati, Ohio	VA1-4898
Tex	Aerol Associates Inc	314 N. East St, Arlington, Tex	CR5-2430
Wash	Aerol Associates Inc	500 Wall St, Seattle 1, Wash	MA3-0444
Foreign	Air Carrier Service Corp	1510 H St, N.W., Washington 5, DC	EX3-5350
	BURTON SILVERPLATING CO	**11240 Playa, Culver City, Cal**	**UP0-8686**
	E Cooper #4 *60 E 1305		
	BUSH TRANSFORMER CORP	**707 North St, Endicott, NY**	**PI8-3307**
	H Buschman #4 *90 D 320-895-1855		
Ala	Perrott Associates	2701 Wright Ave, Orlando, Fla	MI4-0065
Cal	C R Alford	475 Huntington Dr, San Marino, Cal	MU2-3139
Conn	Electrocomp Sales, Inc	707 North St, Endicott, NY	PI8-3307
Del	Emlen Petersen Co	King of Prussia Rd, Radnor, Pa	MU8-0151
DC	Emlen Petersen Co	Montgomery & King of Prussia Rd, Radnor, Pa	MU8-0151
Fla	Perrott Associates	P.O. Box 6967, Orlando, Fla	MI4-0065
Ga	Perrott Associates	P.O. Box 6967, Orlando, Fla	MI4-0065
Ill	Maury Bettis Co	3706 Broadway, Kansas City 11, Mo	LO1-0772
Ind	Maury Bettis Co	3706 Broadway, Kansas City 11, Mo	LO1-0772
Iowa	Maury E Bettis Co	3706 Broadway, Kansas City 11, Mo	LO1-0772
Kan	Maury E Bettis Co	423 N Fountain, Wichita	MU5-7441
Md	Emlen Petersen Co	King of Prussia Rd, Radnor, Pa	MU8-0151
Minn	Murphy Associates	1700 Hennepin Ave, Minneapolis 3, Minn	FE9-4851
Mo	Maury E Bettis Co	3706 Broadway, Kansas City 11	LO1-0772
Neb	Maury E Bettis	3706 Broadway, Kansas City 11, Mo	LO1-0772
NY	Mel Schwartz Co	39-16 Tierney Pl. Fairlawn, NJ	SW7-3435
NY	Electrocomp Sales, Inc	Box 296, New Hartford	RE2-0402
Ohio	Lloyd F Murphy Associates	1700 Hennepin Ave, Minneapolis, Minn	FE9-4851
Okla	Maury E Bettis Co	3706 Broadway, Kansas City 11, Mo	LO1-0772
Pa	Emlen Petersen Co	Montgomery & King of Prussia Rd, Radnor	MU8-0151
•	**BUSSMANN MFG. DIV. McGRAW-EDISON CO**	**University at Jefferson, St. Louis 7, Mo**	**GA1-1740**
	H von P Thomas 740		
	BY-BUK CO	**4314 W. Pico Blvd, Los Angeles 19, Cal**	**WE6-6151**
	D Lenzi B 525-1755		
	BYTREX CORP	**50 Hunt St, Newton, Mass**	**WA6-0360**
	S Charros #7 *25 D 338-895-1340-1850		
Ala	Aeromart Inc	2603 Red Oak Rd, S.E., Huntsville, Ala	JE6-5313
Cal	Rhoades Instrument Co	23373 Leonora Dr, Woodland Hills	DI8-1563
Colo	EMF Associates	P O Box 3, Englewood	SU9-3892
Fla	Aeromart, Inc	1702 Circle Dr, Orlando	CR7-1243
Ga	Aeromart Inc	3232 Peachtree Rd, N.E., Atlanta 5, Ga	CE3-5519
Ill	Ridgway Associates Inc	4100 N. North Ave, Chicago 39, Ill	TU9-5715
Ind	Ridgway Associates Inc	1274 N. Capital Ave, Indianapolis 2, Ind	ME5-2401
Mass	Andrade-Pelkin Co	P.O. Box 394, Natick, Mass	OL3-3115
Mich	Elliott-Sarles Co	1025 E Maple Ave, Birmingham	MI4-4882
Mo	Lee Mari Associates Inc	P.O. Box 8487, Kansas City, Mo	JA3-5859
Mo	Lee Mari Associates Inc	2061 Big Bend Blvd, St. Louis, Mo	MI7-1470
NJ	Tek-Sel Inc	34 Rt 17, Paramus, NJ	HU9-7210
Ohio	Elliott-Sarles Co	23973 Concord Dr, Westlake, Ohio	ED1-8811
Pa	Tek-Sel Inc	Hatboro, Pa	OS2-1069
Tex	Dannemiller-Smith, Inc	2712 W Mockingbird Ln, Dallas	FL7-8249
Tex	Dannemiller-Smith, Inc	4210 Westheimer Rd, Houston	SU2-7350
Utah	EMF Associates	138 S 2nd E, Salt Lake City	
Wash	Comptronics	124 No 2 Hanford St, Seattle	MA4-5138
Canada	Electrodesign	736 Notre Dame St, W., Montreal, P.Q.	UN6-7367
	CBC ELECTRONICS CO., INC	**2601 N. Howard St, Phila 33, Pa**	**GA3-2797**
	M Dexer #3 *35 B 25-45-185-375-795-895-920-1135-1245-1315-1390-1455-1475-1855		
Ala	Morris F Taylor	9431 Georgia Ave, Silver Spring, Md	
Alaska	Don Smith Sales	2320 N. 45th St, Seattle 3, Wash	ME3-3160
Ariz	Hyde Electronics	838 S. Lipan St, Denver 23, Colo	
Ark	Ernest L Wilks	1212 Camp St, Dallas 2, Tex	
Cal	Charles Hansen	1406 S. Grand Ave, Los Angeles 15, Cal	
Cal	Nickerson-Gray Associates Inc	2434 Park Blvd, Palo Alto, Cal	
Colo	Hyde Electronics	838 S. Lipan St, Denver 23, Colo	
Conn	Near Inc	99 Highland Ave, Somerville 43, Mass	PR6-2262
Del	Hal Blumenstein	123 Crosshill Rd, Philadelphia 31, Pa	MI9-9523
DC	Hal Blumenstein	123 Crosshill Rd, Philadelphia 31, Pa	MI9-9523
Fla	William F Hemminger	624 N.E. 79th St, Miami 38, Fla	
Ga	Morris F Taylor	9431 Georgia Ave, Silver Spring, Md	
Hawaii	Gene Piety	2020 Home Rule St, Honolulu 17, Hawaii	
Idaho	Don Smith	2320 N. 45th St, Seattle 3, Wash	
Ill	The A H Bruning Co	4120 W Peterson Ave, Chicago 46, Ill	AV2-5172
Ill	Key-Men Sales Inc	5500 N. Menard Ave, Chicago 30, Ill	SP4-1444
Ind	Edwards-Lohse & Co	2123 E. 9th St, Cleveland 15, Ohio	
Iowa	The Hammond Co	3324 Hiawatha Ave, Minneapolis 6, Minn	
Iowa	A R Thomas	528 Manufacturers Exchange Bldg, Kansas City 5, Mo	
Kan	A R Thomas	528 Manufacturers Exchange Bldg, Kansas City 5, Mo	
Ky	Edwards-Lohse Co	2123 E. 9th St, Cleveland 15, Ohio	
La	Ernest L Wilks	1212 Camp St, Dallas 2, Tex	
Me	Near Inc	99 Highland Ave, Somerville 43, Mass	PR6-2262
Md	Hal Blumenstein	123 Crosshill Rd, Philadelphia 31, Pa	MI9-9523
Mass	Near Inc	99 Highland Ave, Somerville 43, Mass	PR6-2262
Mich	Edwards-Lohse & Co	2123 E. 9th St, Cleveland 15, Ohio	
Minn	The Hammond Co	3324 Hiawatha Ave, Minneapolis 6, Minn	WE8-3122
Miss	Al Engelman & Co	3205 Champ Ave, Memphis, Tenn	
Mo	A R Thomas	210 W. 8th St, Kansas 5, Mo	
Mont	Don Smith	2320 N. 45th St, Seattle 3, Wash	ME3-3160
Neb	A R Thomas	210 W. 8th St, Kansas City 5, Mo	
Nev	Nickerson-Gray Associates Inc	2434 Park Blvd, Palo Alto, Cal	
Nev	Charles Hansen	1406 S. Grand Ave, Los Angeles 15, Cal	
NH	Near Inc	99 Highland Ave, Somerville 43, Mass	PR6-2262
NJ	S A Shaw	351 Central Park Ave, Yonkers, NY	
NJ	Hal Blumenstein	123 Crosshill Rd, Philadelphia 31, Pa	MI9-9523
NM	Hyde Electronics	5206 Constitution Ave NE, Albuquerque	
NY	S A Shaw Co	351 Central Park Ave, Yonkers, NY	YO3-5700
NY	Fish Associates	1522 Oneida St, Utica, NY	
NC	Morris F Taylor	9431 Georgia Ave, Silver Spring, Md	
ND	The Hammond Co	3324 Hiawatha Ave, Minneapolis 6, Minn	
Ohio	Edwards-Lohse & Co	2123 E 9th St, Cleveland, Ohio	TO1-5753
Okla	Ernest L Wilks	1212 Camp St, Dallas 2, Tex	
Ore	Don Smith	2320 N. 45th St, Seattle 3, Wash	ME3-3160
Pa	Hal Blumenstein	123 Crosshill Rd, Philadelphia 31, Pa	MI9-9523

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Pa	Edwards-Lutton & Co	2123 E. 9th St, Cleveland 15, Ohio	
RI	Near Inc	99 Highland Ave, Somerville 43, Mass	PR6-2262
SC	Morris F Taylor	9410 Georgia Ave, Silver Spring, Md	
SD	The Hermann Co	3304 Hiawatha Ave, Minneapolis, Minn	
Tenn	Al Engelman & Co	1225 Crump Ave, Memphis, Tenn	
Tex	Ernest L Wilks	1212 Camp St, Dallas 2, Tex	
Utah	Hyde Electronics	888 S. Logan St, Denver 23, Colo	
Vt	Near Inc	99 Highland Ave, Somerville 43, Mass	PR6-2262
Va	Martin	1306 Vassar Rd, Richmond, Va	
Wash	Don Smith	2320 N. 45th St, Seattle 3, Wash	ME3-3160
W. Va	Edwards-Lutton & Co	2123 E. 9th St, Cleveland 15, Ohio	
Wisc	Keyman Sales Inc	5300 N. Menard Ave, Chicago 30, Ill	SP4-1444
Wyo	Hyde Electronics	888 S. Logan St, Denver 23, Colo	
Foreign	Minthorne International Co., Inc	15 Moore St, New York 4, NY	BO9-6272
Canada	Cenbro Imports Ltd	5900 Park Ave, Montreal, Canada	
	CBS ELECTRONICS DIV CBS INC	**100 Endicott St, Danvers, Mass**	**SP4-2360**
	R Yeiter #150 *2600 338-500-895-1130-1150-1195-1255-1265-1270-1425-1620-1860-1880		
Ala	Cary Chapman & Co	2516-5th Ct, N. Birmingham, Ala	FA3-5236
Cal	CBS Electronics Sales Corp	2100 S. Garfield Ave, Los Angeles 22	RA3-9081
Cal	L H Harriss Co	204 E Hillsdale Blvd, San Mateo	FI1-2909
Colo	Conners, Inc	5400 E Evans Ave, Denver 22	SK6-9417
Fla	Cary Chapman & Co	300 E. 10th Ave, Hialeah, Fla	TU5-2519
Ga	Cary Chapman & Co	600 Trusco Way SW, Atlanta	PL3-4906
Haw	Jim Hamlin Sales Co	Box 2590, Honolulu 5	HO507-171
Ill	CBS Electronics Sales Corp	1990 N. Mannheim Rd, Melrose Park, Ill	ES9-2100
La	Cary Chapman & Co	2131 S. Front St, New Orleans, La	TU5184
Minn	The Hermann Co	1711 Hawthorne Ave, Minneapolis 3	FE2-5457
Mo	CBS Electronics Sales Corp	1110 Indian Circle Dr, Olivette 32	WY1-0325
NJ	CBS Electronics Sales Corp	231 Johnson Ave, Newark, NJ	WO4-2181
NY	CBS Electronics Sales Corp	231 Johnson Ave, Newark, NJ	WO4-2181
NC	Cary Chapman & Co	1009 S. Elm St, Greensboro, NC	BR3-4726
Pa	CBS Electronics Sales Corp	520 Lindsay Rd, Carnegie, Pa	BR6-5845
Tex	CBS Electronics Sales Corp	7014 Sinclair Dr, Houston, Tex	GY4-5324
Wash	M K Widdowson Co	221 1st Ave. N, Seattle 9	AT4-4969
	CBS LABORATORIES	**227 High Ridge Rd, Stamford, Conn**	**DA5-4321**
	#136 E 75-200-338-300-1150-1430-1515-1880-1910		
Ala	Ellison Co., The	632 Healey Bldg, Atlanta 3, Ga	JA5-0238
Ariz	Charles V Fowler Co	429 S. Western Ave, Los Angeles 5, Cal	DU4-7203
Cal	Charles V Fowler Co	429 S. Western Ave, Los Angeles 5, Cal	DU4-7203
Cal	Charles V Fowler Co	499 Hamilton Ave, Palo Alto, Cal	DA1-1810
DC	John Hancock	208 Randolph St, Fairfax, Va	CR3-6584
Fla	Ellison Co., The	Box 7614, Jacksonville	EX8-6751
Ga	Ellison Co., The	632 Healey Bldg, Atlanta 3	JA5-0238
Nev	Charles V Fowler Co	499 Hamilton Ave, Palo Alto, Cal	DA1-1810
NJ	Scientific Systems Sales Corp	Box 3, Bayside 61, NY	BA5-0929
NM	Charles V Fowler Co	429 S. Western Ave, Los Angeles 5, Cal	DU4-7203
NY	Scientific Systems Sales Corp	Box 3, Bayside 61	BA5-0929
NC	Ellison Co., The	632 Healey Bldg, Atlanta 3, Ga	JA5-0238
Ohio	David Goode	Box 156, Cadet Sta, Dayton 17	AX8-7271
Pa	Scientific Systems Sales Corp	Box 3, Bayside 61, NY	BA5-0929
SC	Ellison Co., The	632 Healey Bldg, Atlanta 3, Ga	JA5-0238
Tenn	Ellison Co., The	632 Healey Bldg, Atlanta 3, Ga	JA5-0238
Va	John Hancock	208 Randolph St, Fairfax	CR3-6584
Can	Radionics Ltd	8230 Mayrand St, Montreal 9, Que	RE9-5517
	C & D BATTERIES DIV THE ELECTRIC AUTOLITE CO.	**Conshohocken, Pa.**	**TA8-9000**
	G 70-255-1445		
Ala	General Machinery Co	1600 Second Ave, Birmingham 1, Ala	AL1-9243
Ariz	Toncray Equipment Co	313 N. 1st Ave, Phoenix, Ariz	AL4-1383
Ark	Gregory-Salisbury & Co., Inc	500 E Markham St, Little Rock	FR5-1383
Cal	Fred Pelletier Co	3436 San Fernando Rd, Los Angeles 65	CL4-2544
Cal	Fred Pelletier Co	722 Fern Glen, LaJolla, Cal	GL4-6757
Cal	McCormick-Morgan Co	324 Fifth St, San Francisco, Cal	SU1-6591
Colo	Toncray Equipment Co	1732 Blake St, Denver 2, Colo	CH4-1102
Conn	Packaged Industrial Power Inc	57 Lillian Dr, Trumbull, Conn	AM8-4449
DC	E L Krause	1101 3rd St SW, Washington	NA8-1852
Fla	Chas E Singleton Co	5079 N. Beaver St, Jacksonville 5, Fla	EV8-6390
Fla	Chas E Singleton Co	4512 Leona St, Tampa 9, Fla	
Ga	Mark C Pope Associates	309 Pharr Rd, N.E., Atlanta 5, Ga	CE3-3790
Ill	Agair Equipment Co	4053 May St, Hillside, Ill	ES8-7070
Ill	Gibbs-Lehmbury Co	332 S Michigan Ave, Chicago	HA7-7066
Ind	Arnold E McPhee	230 E. Ohio St, Indianapolis 4, Ind	ME2-5962
Iowa	Hubell Co	P.O. Box 284, Bettendorf, Iowa	DA3-8031
La	Gregory-Salisbury & Co., Inc	2621 Highland Rd, Baton Rouge	DI2-2873
La	Gregory-Salisbury & Co., Inc	820 Julia St, New Orleans	524-5207
Md	Charles F Gross Associates	19 E 21st St, Baltimore 18	CH3-1069
Mass	George A Delbeck Associates Inc	57 Mt. Auburn St, Watertown 72, Mass	WA4-5200
Mich	Packaged Electric Power Co	2864 E Grand Blvd, Detroit 2	TR2-2050
Minn	Battery Co., The	1821 University Ave, St Paul	MI4-5232
Miss	Gregory-Salisbury & Co., Inc	350 N. Mart Pl, Jackson, Miss	EM2-1671
Mo	Elmer H Boyer & Associates Inc	559 N. Skinker Blvd, St. Louis 30, Mo	VO3-6171
NJ	Packaged Industrial Power Inc	240 Fairmount Ave, Jersey City 6, NJ	HE4-0871
NY	Staff & Holder, Inc	47 Stanton St, Buffalo 6	TL3-5256
NY	Staff & Holder, Inc	146 University Ave, Rochester 5	BA5-3334
NY	Sharpe & Bungay Assoc	317 State Tower Bldg, Syracuse 2	GR1-8875
NC	W G Baynard (Pope)	1811 Sterling Rd, Charlotte 9	FR5-1240
Ohio	Robert H Neif & Associates, Inc	13030 Enterprise Ave, Cleveland 7	WI1-9940
Ohio	Power Operated Products	5912 Hamilton Ave, Cincinnati 24, Ohio	KI1-1399
Okla	Southwestern Battery Supply Co	214 E. 12th St, Tulsa, Okla	DI3-4995
Pa	Charles F Gross Associates	6504 Traymore Ave, Philadelphia 18, Pa	CH7-2400
Pa	A C Moore	727 Penn Ave, Pittsburgh 21, Pa	CH1-3051
Tenn	Gregory-Salisbury & Co., Inc	240 S. Parkway E., Memphis 6, Tenn	WH8-3496
Tex	Southwestern Battery Supply Co	7029 Town North Dr, Dallas 31	DI8-4050
Tex	David C Gibson	7329 Lawndale, Houston 17	MI5-6442
Utah	Toncray Equipment Co	1347 S. 17th E., Salt Lake City 8, Utah	IN6-9186
Va	John J Wilson	4101 Bremner Blvd, Richmond	CO6-0761
Wash	Automotive Electric Co	125 E Mission, Spokane 21	FA7-7722
Wash	Joseph C Platt Co	111 Bell St, Seattle 1, Wash	MA3-5141
Wisc	Battery Co, The	4030 W. Blue Mound Rd, Milwaukee 13	GR6-1153
For	Electric Autolite Co., The	405 Lexington Ave, New York	OX7-7440
	C-E-I-R INC	**1200 Jefferson Davis Hwy, Arlington 2, Va**	**OT4-6377**
	W Eaton #100 *320 F 338-340-430		
Ariz	Lester R Ford Jr	Box 765, Fort Huachuca	
Cal	William V Crowley	11752 Wilshire Blvd, LA 25	GR3-6563
Cal	Herbert Solomon	501 Webster St, Palo Alto	
Conn	Lawrence H H Vineburgh	621 Farmington Ave, Hartford 5	AD6-1265
Mass	Phil Dolan	300 Stuart St, Boston 16	LI2-7178
NY	Arthur F Phinney	270 Park Ave, NY 17	YU6-3232
Tex	R R Prewitt	6422 Fannin St, Houston 25	JA6-2665
Utah	Robert F White	Box 541, Dugway	
Va	William L Witzel	1200 Jefferson Davis Hwy, Arlington 2	OT4-6377
For	Tom Cauter	84 Kingsway, London W.C. 2, Eng	CH 1551
For	Charles Salzman	126 BD Auguste-Blanqui, Paris 13, Fr	
	CES ELECTRONIC PRODUCTS INC	**P.O. Box 7504, San Diego 7, Cal**	**AC2-3505**
	H Cardoza #5 *19 50-338-360-895		
Cal	JaQuay Assoc	2412 Judson St, San Diego	BR7-0111
Del	Whitcomb Assoc	730 Dempdene Rd, Baltimore 10, Md	TU9-1245
DC	Whitcomb Assoc	730 Dempdene Rd, Baltimore 10, Md	RE7-0763
Ill	CENSCO	5614 W Foster Ave, Chicago 30	AV2-4494
Ind	CENSCO	5614 W Foster Ave, Chicago 30, Ill	AV2-4494
Md	Whitcomb Assoc	730 Dempdene Rd, Baltimore 10	TU9-1245
Mo	CENSCO	5614 W Foster Ave, Chicago 30, Ill	AV2-4494
NJ	Whitcomb Assoc	730 Dempdene Rd, Baltimore 10, Md	TU9-1245
Va	Whitcomb Assoc	730 Dempdene Rd, Baltimore 10, Md	TU9-1245
Wis	CENSCO	5614 W Foster Ave, Chicago 30, Ill	AV2-4494
•	**CFI CORP**	**Cottage Pl. Mineola, NY**	**PI6-0571**
	R Doran #5 *38 D 120-175-240-715-900-905-1135-1545-1875-1890		
Ariz	Dewco Sales, Inc	6915 San Fernando Rd, Glendale 1, Cal	VI9-6101
Ark	Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18, Tex	DA1-6579
Cal	Dewco Sales, Inc	6915 San Fernando Rd, Glendale 1	VI9-6101
Ill	Nero Electronic Sales Co	3516 Elmwood Ave, Wilmette	AL6-1045
Ind	Nero Electronic Sales Co	3516 Elmwood Ave, Wilmette, Ill	AL6-1045
La	Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18, Tex	DA1-6579
Nev	Dewco Sales, Inc	6915 San Fernando Rd, Glendale 1, Cal	VI9-6101
NM	Dewco Sales, Inc	6915 San Fernando Rd, Glendale 1, Cal	VI9-6101
Okla	Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18, Tex	DA1-6579
Ore	Dewco Sales, Inc	6915 San Fernando Rd, Glendale 1, Cal	VI9-6101
Tex	Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18	DA1-6579
Utah	Dewco Sales, Inc	6915 San Fernando Rd, Glendale 1, Cal	VI9-6101
Wash	Dewco Sales, Inc	6915 San Fernando Rd, Glendale 1, Cal	VI9-6101
	CG ELECTRONICS CORP	**1500 Central E, Albuquerque, NM**	**AX9-7601**
	45-120-338-365-385-475-895-1075-1135		
Ala	Kenneth Gans	2308 Lee High Dr, Huntsville, Ala	JE6-0613
Cal	Dave Rufus	13041 Cerise Ave, Hawthorne, Cal	OR8-7607
Cal	Eleanor Ullman	3155 Drew St, Los Angeles 5, Cal	DU9-4812
Cal	Murray Roy Carlis	8654 Drexler Ave, Pacoima, Cal	ST5-1632
Cal	Alfred H Barnuck	51 Hawthorne Ave, San Francisco 5, Cal	YU2-7292
Del	Joe Curstia	Box 525, Paoli, Pa	NI4-1600
Fla	Jack Wright	Box 125, Boca Raton, Fla	8972
Ga	Kenneth Gans	2308 Lee High Dr, Huntsville, Ala	JE6-0613
Ill	J L Cappels	7710 N. Paulina St, Chicago 26, Ill	AM2-3928
Md	Joe Curstia	Box 525, Paoli, Pa	NI4-1600
Mass	Jerry Smith	5 Alfred Rd, Saxonville, Mass	TR5-6342
Mass	Jack Sarty	41 Countryside Ln, Norwood, Mass	TR5-6342
Mich	J L Pierce Co	16666 Jas Couzens Hwy, Detroit 21	UN2-2571
Minn	Dickinson & Associates	4117 N. Green Bay Ave, Milwaukee 9, Wisc	CO4-1060
NJ	Gulton Industries	212 Durham Ave, Metuchen, NJ	LI8-2600
NY	Arthur Roberts	Post Office Rd, Waccabuc, NY	NY3-5055
NY	Edward Berman	34-50 78th St, Long Island City 6, NY	ST6-3423
NC	Kenneth Gans	2308 Lee High Dr, Huntsville, Ala	JE6-0613
Ohio	Robert Garner	3801 Tait Rd, Dayton 19, Ohio	AX8-4591
Pa	Joe Curstia	Box 525, Paoli, Pa	NI4-1600
SC	Kenneth Gans	2308 Lee High Dr, Huntsville, Ala	JE6-0613
Tenn	Kenneth Gans	2308 Lee High Dr, Huntsville, Ala	JE6-0613
Tex	Phil Southern	3212 Princeton Ave, Dallas 5, Tex	LA1-3748
Va	Rick Moore	2030 N. 16th St, Arlington, Va	JA4-6888
Wash	Harry Levinson Co	1117 2nd Ave, Seattle, Wash	MA2-5433
Wisc	Dickinson & Associates	4117 N. Green Bay Ave, Milwaukee 9	CO4-1060
Foreign	George Moutier	7 Rue Pasteur, Les Mureaux, S&O, France	
Canada	Titania Electric Corp	Box 672, Herbert St, Gananoque, Ont, Canada	
	C & H SUPPLY CO	**415 E Beach Ave, Inglewood, Cal**	**OR8-4181**
	J Coffer #2 *150 E 435-965-1190		
Ala	Ardco Distributors	3179 Maple Dr, Atlanta	CE3-7832
Alas	C & H Supply Co	Boeing Field, Seattle, Wash	PA2-8111
Ariz	Earl Daley	P.O. Box 727, Scottsdale, Ariz	WH5-1783
Cal	Sam Dawson	PO Box 595, San Diego	CY5-6671
Cal	Selcal Western Corp	2816 San Pablo Ave, Berkeley	TH3-5229
Colo	Steven C Daniel Co	6130 Chatfield Ave, Littleton	KE4-2093
Conn	Marlboro Assoc	182 Newton St, Waltham, Mass	TW3-2020
Del	McGregor-Werner, Inc	6411 Chillum Pl. NW, Washington, DC	TU2-9688
DC	McGregor-Werner, Inc	6411 Chillum Pl. NW, Washington	TU2-9688
Fla	Ardco Distributors	3179 Maple Dr, Atlanta, Ga	CE3-7832
Ga	Ardco Distributors	3179 Maple Dr, Atlanta	CE3-7832
Idah	Ted Delius Co	318 Westlake N, Seattle, Wash	MA4-0442
Ill	Metal-Cal Sales	6468 W. North Ave, Chicago, Ill	ME7-4272
Ind	McLaughlin-Welland, Inc	7540 Reading Rd, Cincinnati, Ohio	PO1-5586
Iowa	Kemp-Manning Sales	1509 Hwy #7, Hopkins, Minn	WE5-6523
Kan	C & H Supply Co	1725 E. 2nd St, Wichita, Kan	AM5-0993
Ky	McLaughlin-Welland, Inc	7540 Reading Rd, Cincinnati, Ohio	PO1-5586
Md	McGregor-Werner, Inc	6411 Chillum Pl. NW, Washington, DC	TU2-9688
Mass	Marlboro Associates	182 Newton St, Waltham, Mass	TW3-2020
Mich	Midwest Associates	18450 Livernois, Detroit, Mich	UN2-2203
Mich	George B Nelson Co	3515 Rosewood Ave, SE, Grand Rapids	CH5-5474
Minn	Kemp-Manning Sales	1509 Hwy #7, Hopkins	WE5-6523
Mo	Allen Products Co	418 N. Taylor Ave, Kirkwood 22, Mo	YO5-2406
Mo	Turner Adv Co	2001 Grand Ave, Kansas City, Mo	BA1-1933
Mont	James A Gedney	6695 W 5th Ave, Lakewood 26, Colo	BE3-9349
Neb	Don Brown Business Systems	2018 N 51 St, Omaha	
NH	Marlboro Assoc	182 Newton St, Waltham, Mass	TW3-2020
NJ	Ever Ready Label Corp	357 Cortlandt St, Belleville	PL9-5500
NM	James A Gedney	6395 W 5th Ave, Lakewood 26, Colo	BE3-9349
NY	J W Swansen Associates	1441 Hertel Ave, Buffalo, NY	EX2200
NC	Ardco Distributors	3179 Maple Dr, Atlanta, Ga	CE3-7832
ND	C & H Supply Co	1725 E 2nd St, Wichita, Kan	AM5-0993
Ohio	G F Sindelar Co	1702 Lorain Ave, Cleveland	CL1-6266
Ohio	McLaughlin & Welland Inc	7540 Reading Rd, Cincinnati, Ohio	PO1-5586
Ore	Ted Delius Co	318 Westlake N, Seattle, Wash	MA4-0442
Pa	Chas R Hile Co	Hillview Rd, Paoli	NI4-5900
SC	Ardco Distributors	3179 Maple Dr, Atlanta, Ga	CE3-7832
Tenn	Ardco Distributors	3179 Maple Dr, Atlanta, Ga	CE3-7832
Tex	Metal-Cal Sales, Inc	6111 Harry Hines Blvd, Dallas	FL7-3222
Utah	Sanford Co	PO Box 123, Foothill Sta, Salt Lake City	IN6-2817
Va	McGregor-Werner, Inc	6411 Chillum Pl, NW, Washington, DC	TU2-9688
Wash	C & H Supply Co	Boeing Field, Seattle, Wash	PA2-8111
Wash	Ted Delius Co	318 Westlake N, Seattle	MA4-0442
Wis	Metal-Cal Sales	6468 W North Ave, Chicago, Ill	ME7-4272
Wyo	James A Gedney	6695 W 5th Ave, Lakewood 26, Colo	BE3-9349
Canada	Lonergan Co., Inc	110 River St, Verdun, P.Q., Canada	PO6-3586
England	Malloy & Sons Ltd	1 Queens Park Rd, Brighton, Sussex, England	
	C & K COMPONENTS INC	**101-103 Morse St, Newton 58, Mass**	**WA6-0000**
	R Sturdy #10 *150 E 338-895-1150		
Conn	R H Sturdy Co., Inc	103 Morse St, Newton 58, Mass	WA6-0808
Fla	William Margot	2238 Duncan Dr, Largo, Fla	584-3745
Ind	Forrest C Valentine	511 Fort Wayne Bank Bldg Fort Wayne Ind	AN9122
Me	R H Sturdy Co., Inc	103 Morse St, Newton 58, Mass	WA6-0808
Mass	R H Sturdy Co., Inc	103 Morse St, Newton 58, Mass	WA6-0808
NH	R H Sturdy Co., Inc	103 Morse St, Newton 58, Mass	WA6-0808
NM	Bowden Eng & Sales Co	8000 Snowheights Blvd NE, Albuquerque, NM	AX9-0473
NY	R H Sturdy Co, Inc	199 Park Ave, Roosevelt	MA3-0423
NY	R H Sturdy Co, Inc	119 Bailey Rd N, Syracuse, NY	HA2-4786
NY	R H Sturdy Co., Inc	Niagara Mohawk Bldg, Utica, NY	RE5-4296
Ohio	Forrest C Valentine	511 Fort Wayne Bank Bldg, Fort Wayne Ind	AN9122
RI	R H Sturdy Co., Inc	103 Morse St, Newton 58, Mass	WA6-0808
Vt	R H Sturdy Co., Inc	103 Morse St, Newton 58, Mass	WA6-0808
	C T S OF CANADA LTD	**80 Thomas St, Streetsville, Ont**	**TA5-1141**
	A Mackie #5 *150 E 255-360-365-895-1330-1340		
•	**CTS CORP**	**1142 W. Beardsley Ave, Elkhart, Ind**	**JA3-0210**
	R Wilson #27 *1400 975-1150-1240-1330-1475-1735		
Alaska	Richard Legg Co	1633 N.W. 21st Ave, Portland 9, Ore	CA3-9720
Ariz	Carl Hower & Co	340 N. Marshall Ave, Scottsdale, Ariz	WH5-2471
Cal	Chicago Telephone of Cal Inc	1010 Sycamore Ave, S Pasadena	CL5-7186
Cal	International Resistance Co	1136 N LaBrea Blvd, Hollywood	HO6-2191
Cal	E B Schwerin	4322 LaGama Way, Santa Barbara	WO7-6529
Cal	Logan & Stone Co	1485 Bayshore Blvd, San Francisco, Cal	DE4-1200
Colo	Electronic Components Sales	2149 S. Clermont, Denver 22, Colo	PE3-7172
Conn	Richard Purinton Inc	2331 Whitney Ave, Hamden 18	AT8-3386
Conn	Bahr Sales Co	Spring Valley Rd, Wood Bridge	FU7-8712
Del	International Resistance Co	401 N. Broad St, Philadelphia 8, Pa	WA2-2166
DC	International Resistance Co	401 N. Broad St, Philadelphia 8, Pa	WA2-2166
DC	R H Hilderbrand	Fairview Village, Pa	CH7-6625
Fla	Components Sales Corp	Box 178, N Miami Beach 62	WI5-7721
Fla	Components Sales Corp	Box 7687, St Petersburg 34	7-7904
Idaho	Richard Legg Co	1633 N.W. 21st Ave, Portland 9, Ore	CA3-9720
Ill	E B Schwerin Co	4210 Main St, Kansas City, Mo	WE1-7564
Ill	International Resistance Co	5243 W. Diversey Ave, Chicago 39, Ill	TU9-5800
Ill	Memac Sales Co	4740 N Austin Ave, Chicago 30	KI5-1033
Ind	MacNabb Schroeder & Loomis	810 E 64th St, Indianapolis 20	CL5-6770
Ind	CTS of Berne Inc	P.O. Box 152, Berne, Ind	22107
Iowa	E B Schwerin Co	4210 Main St, Kansas City, Mo	WE1-7564
Kan	E B Schwerin Co	4210 Main St, Kansas City, Mo	WE1-7564
Ky	MacNabb, Schroeder & Loomis	810 E 64th St, Indpls 20, Ind	CL5-6770
Me	Richard Purinton Inc	11 Muzzey St, Lexington 73, Mass	VO2-8300
Me	Bahr Sales Co	Spring Valley Rd, Woodbridge, Conn	FU7-8712
Md	International Resistance Co	401 N. Broad St, Philadelphia 8, Pa	WA2-2166
Md	R H Hilderbrand	Fairview Village, Pa	CH7-6625
Mass	Richard Purinton Inc	11 Muzzey St, Lexington 73, Mass	VO2-8300
Mass	Bahr Sales Co	Spring Valley Rd, Woodbridge, Conn	FU7-8712
Mich	Kuehler-Pasmore Co	11833 Hamilton, Detroit 3, Mich	TO8-3322
Minn	Robert W Marshall	6106 Excelsior Blvd, Minneapolis 16	WE9-9457
Mo	E B Schwerin Co	4210 Main St, Kansas City, Mo	WE1-7564
Mo	E B Schwerin Co	817 Catalo Ave, St. Louis 35, Mo	JA1-3725
Mont	Richard Legg Co	1633 N.W. 21st Ave, Portland 9, Ore	CA3-9720
Neb	E B Schwerin Co	4210 Main St, Kansas City, Mo	WE1-7564
Nev	Logan & Stone Co	1485 Bayshore Blvd, San Francisco, Cal	DE4-1200
NH	Richard Purinton Inc	11 Muzzey St, Lexington 73, Mass	VO2-8300
NH	Bahr Sales Corp.	Spring Valley Rd, Woodbridge, Conn	FU7-8712
NJ	International Resistance Co	165 Broadway, New York City 6, NY	CO7-9800
NJ	International Resistance Co	401 N. Broad St, Philadelphia 8, Pa	WA2-2166
NJ	R H Hilderbrand	Fairview Village, Pa	CH7-6625
NJ	S-J Sales Engineering Co	148-05 Archer Ave, Jamaica 35, NY	AX1-3232
NM	Electronic Components Sales	2149 S. Clermont, Denver 22, Colo	PE3-7172
NY	International Resistance Co	165 Broadway, New York City 6, NY	CO7-9800
NY	International Resistance Co	112 Montgomery St, Syracuse, NY	HA2-0774
NY	S-J Sales Engineering Co	148-05 Archer Ave, Jamaica 35	AX1-3232
NC	CTS of Asheville Inc	Mill Gap Rd, Skyland, NC	MU4-6451
Ohio	Baehr Greenleaf & Associates	14700 Detroit Ave, Cleveland 7, Ohio	AC1-9330
Ohio	Baehr Greenleaf & Associates	7900 Mitchell Farm Ln, Cinti 42, Ohio	TU1-3827
Ohio	Baehr Greenleaf & Associates	3350 Maplewood Dr, Xenia, Ohio	CH4-5405
Okla	John A Green Co	7118 Envoy Ct, Dallas 7, Tex	FL2-9918
Ore	Richard Legg Co	1633 N.W. 21st Ave, Portland 9, Ore	CA3-9720
Pa	International Resistance Co	401 N. Broad St, Philadelphia 8, Pa	WA2-2166
Pa	R H Hilderbrand	Fairview Village	CH7-6625
Pa	Jack Covert Assoc	320 Jonquil Pl, Pittsburgh 34	LO1-5067
Pa	J C Tidwell	Box 308, Haddonfield, NJ	HA9-5512
RI	Richard Purinton Inc	11 Muzzey St, Lexington 73, Mass	VO2-8300
RI	Bahr Sales Corp	Spring Valley Rd, Woodbridge, Conn	FU7-8712
Tex	John A Green Co	7118 Envoy Ct, Dallas 7, Tex	FL2-9918
Tex	John A Green Co	3400 Montrose, Houston 6, Tex	
Utah	Electronic Components Sales	2149 S. Clermont, Denver 22, Colo	PE3-7172
Vt	Richard Purinton Inc	11 Muzzey St, Lexington 73, Mass	VO2-8300
Vt	Bahr Sales Corp	Spring Valley Rd, Woodbridge, Conn	FU7-8712
Va	International Resistance Co	401 N. Broad St, Philadelphia 8, Pa	WA2-2166
Va	R H Hilderbrand	Fairview Village, Pa	CH7-6625
Wash	Richard Legg Co	3165 5th Ave, S., Seattle 4, Wash	MU2-7764
W Va	Jack Covert Assoc	320 Jonquil Pl, Pittsburgh 34, Pa	LO1-5067
Wis	Memac Sales Co	4740 N Austin Ave, Chicago 30, Ill	KI5-1033
Wisc	Robert W Marshall	6106 Excelsior Blvd, Mnnpls 16, Minn	WE9-9457
Wisc	International Resistance Co	5243 W. Diversey Ave, Chicago 39, Ill	TU9-5800
Wyo	Electronic Components Sales	2149 S. Clermont, Denver 22, Colo	PE3-7172
Can	CTS of Canada Ltd	80 Thomas St, Streetsville, Ont	TA5-1141

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Foreign	Sylvan Ginsbury	8 W. 40th St, New York 18, NY	LO4-7595
Foreign	Jose Luis Pontet	Avenida Cordoba 1472, Buenos Aires, Argentina, SA	
Foreign	Carlos Bravo	Morales 58-104, Mexico City, DF Mexico	
	C-W MFG CO	**P.O. Box 2065, El Monte, Cal**	
	R Woods 415		
	C W S WAVEGUIDE CORP	**301 W. Hoffman Ave, Lindenhurst, NY**	**TU8-7150**
	C Schutter #2 *50 D 25-45-285-345-670-895-1135-1705		
Cal	Manufacturing Associates	11924 Santa Monica Blvd. Los Angeles	GR9-8834
Conn	Schutter-Young Co	5 Oher St, Beverly, Mass	WA2-6121
Ind	A E Williams Co	R R 1, Markle	SK8-5[illegible]
Md	G W Moler Co	Box 240, Haddonfield, NJ	HA8-2440
Mass	Schutter-Young Co	5 Oher St, Beverly, Mass	WA2-6121
NJ	G W Moler Co	Box 240, Haddonfield, NJ	HA8-2440
Ohio	A E Williams Co	6330 Montgomery Rd. Cincinnati	EL1-6132
Pa	G W Moler Co	Box 240, Haddonfield, NJ	HA8-2440
Tex	Howell Sales	225 SE 14th St. Grand Prairie	AN2-5153
	CABLE DESIGNS INC	**66 Rushmore St, Westbury, NY**	**ED3-5323**
	G Newman Jr #2 *25 C 185-190-795-1005-1755-1960		
Del	Philip Schumacher	1209 York Rd, Abington, Pa	TU4-7800
Fla	Alex Corbett Jr & Associates	2411 Covina Way, S., St. Petersburg, Fla	ST5-5505
Ga	Alex Corbett Jr & Associates	2411 Covina Way, S., St. Petersburg, Fla	ST5-5505
Ill	Engineered Sales Co., Inc	3592 Milwaukee Ave, Chicago 41, Ill.	PE6-0555
Ind	Engineered Sales Co., Inc	3592 Milwaukee Ave, Chicago 41, Ill.	PE6-0555
Iowa	Engineered Sales Co., Inc	3592 Milwaukee Ave, Chicago 41, Ill.	PE6-0555
NJ	Schumacher Associates	1209 York Rd, Abington, Pa	TU4-7800
NY	S F Foster Co	204 Southfield Dr, Fayetteville, NY	NE7-6137
Ore	Samuel V Strum Co	1612 Broadway, Seattle 22, Wash	EA3-6117
Pa	Philip R Schumacher	1209 York Rd, Abington, Pa	TU4-7800
Tex	Rex May Co	6115 Denton Dr, Dallas 35, Tex	FL7-1129
Wash	Samuel V Strum Co	1612 Broadway, Seattle 22, Wash	EA3-6117
Wisc	Engineered Sales Co., Inc	3592 Milwaukee Ave, Chicago, Ill	PE6-0555
	CABLE ELECTRIC PRODUCTS	**234 Daboll St, Providence, RI**	**ST1-5400**
	F Schwartz #6 *350 F 25-185-190-285-300-345-375-565-740-795-895-925-1315-1630-1735-1810-1855-1960		
Ala	Cornelius C Apffel	4433 E. Brookfield Dr, Nashville 2, Tenn	
Alaska	Andre-Mann Co	P.O. Box 2187, Anchorage, Alaska	
Ariz	ABC Co	4221 E. Hazelwood St, Phoenix, Ariz	
Ark	Cornelius Apffel	4433 Brookfield Dr, E., Nashville 2, Tenn	
Cal	Frank H Bran Co	607 E. 6th St, Los Angeles 21, Cal	
Cal	Wagner & Swanson	1355 Market St, San Francisco	KL2-2311
Colo	Allen B Carpenter Co	1314 Wazee St, Denver 4, Colo	KE4-0283
Conn	Henry C Pollack	20 Greenlawn Ave, Newton Centre 59, Mass	
Del	Barrington Associates	33 S. Gay St, Baltimore 2, Md	
DC	Barrington Associates	33 S. Gay St, Baltimore 2, Md	
Fla	S C Steinharter	4835 Burlington Ave, N., St. Peterburg, Fla	
Ga	S C Steinharter	4835 Burlington Ave, N., St. Petersburg, Fla	
Idaho	Allen B Carpenter Co	1314 Wazee St, Denver 4, Colo	
Ill	Truecraft Tool Co	2425 S. Michigan Ave, Chicago 16, Ill	
Ill	Becker Sales Co	1938 W. Division St, Chicago 22, Ill	
Ind	Jack Reiven Co	3228 Lowery Rd, Indianapolis, Ind	
Iowa	Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
Kan	Al Mayer & Co	6375 Clayton Rd, St. Louis 17, Mo	
Ky	J L Weyhing	1914 Rutherford Ave, Louisville 5, Ky	
La	Al Levin & Associates Inc	P.O. Box 1279, New Orleans 10, La	
Me	Henry C Pollack	20 Greenlawn Ave, Newton Centre 59, Mass	
Md	Barrington Associates	33 S. Gay St, Baltimore 2, Md	
Mass	Henry C Pollack	20 Greenlawn Ave, Newton Centre 59, Mass	
Mich	C H Goldman	P.O. Box 161, Detroit 2, Mich.	TR3-8213
Minn	Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
Miss	Al Levin & Associates Inc	P.O. Box 1279, New Orleans 10, La	
Mo	Al Mayer & Co	6375 Clayton Rd, St. Louis 17, Mo	
Mont	Allen B Carpenter Co	1314 Wazee St, Denver 4, Colo	KE4-0283
Neb	Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
Nev	Frank H Bran Co	607 E. 6th St, Los Angeles 21, Cal	
NH	Henry C Pollack	20 Greenlawn Ave, Newton Centre, Mass	
NJ	Ted Marks	126 Hilltop Acres, Yonkers, NY	
NM	Allen B Carpenter Co	1314 Wazee St, Denver 4, Colo	KE4-0283
NY	Cable Electric Products, Inc	246 Greenpoint Ave. Brooklyn 22	EV9-3333
NY	Harry Hyman & Son	254 W. 54th St, New York 19, NY	
NY	Ben S Loeb Inc	280 Fifth Ave, New York, NY	
NC	S C Steinharter	4835 Burlington Ave, N., St. Petersburg, Fla	
ND	Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
Ohio	Tri-State Trading Corp	35 S Sherwood Rd, Columbus 9	BE7-1225
Okla	W H Jack McAdams Co	6115 Denton Dr, Dallas, Tex	DI1551
Ore	Vic Paul Co	510 N. W. Hoyt St, Portland 9, Ore	
Pa	R L Cunningham Electric Co	843 S Front St. Philadelphia 47	
SC	S C Steinharter	4835 Burlington Ave, N., St. Petersburg, Fla	
SD	Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
Tenn	Cornelius C Apffel	4433 E. Brookfield Dr, Nashville 2, Tenn	
Tex	W H Jack McAdams Co	6115 Denton Dr, Dallas, Tex	DI1551
Utah	Allen B Carpenter Co	201 S. 2nd West St, Salt Lake City 1, Utah	
Vt	Henry C Pollack	20 Greenlawn Ave, Newton Centre 59, Mass	
Va	R C Cooke	2904 N. Clay St, Richmond 30, Va	
Va	Central Sales	Fairview Addition, Wheeling, W Va	
Wash	Barrington Associates	33 S. Gay St, Baltimore 2, Md	
W Va	Tri-State Trading Corp	35 S Sherwood Rd, Columbus 9, Ohio	BE7-1225
Wis	Matthew J Vokelich	6421 W Powell Pl, Milwaukee 13	SP1-3810
	CABLE SPECIALISTS OF CONNECTICUT	**95 Kitts La, Newington 11, Conn**	**MO6-3663**
	E Farrah #1 *4 B 185-190-795-1810		
	CADDELL-BURNS MFG CO., INC	**40 E. 2nd St, Mineola, NY**	**PI6-2310**
	R Caddell #2 *35 B 45-320-715-880-1855		
Ala	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	AM2-1573
Cal	Lawrence-Coleman Assoc	113 N El Camino, Hollywood	HO3-0454
Cal	McGill & McGill	819 Tiburon Blvd, Tiburon, Cal	GE5-4576
Conn	The Dee Co	30 Arlington St, Lynnfield, Mass	LY4-3575
Del	Callas-Doss Electronics, Inc	1517 Ingleside Ave, Baltimore, Md	RI4-2466
DC	Callas-Doss Electronics, Inc	1517 Ingleside Ave, Baltimore, Md	RI4-2466
Fla	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	AM2-1573
Ga	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	AM2-1573
Me	The Dee Co	30 Arlington St, Lynnfield, Mass	LY4-3575
Md	Callas-Doss Electronics, Inc	1517 Ingleside Ave, Baltimore	RI4-2466
Mass	The Dee Co	30 Arlington St, Lynnfield, Mass	LY4-3575
Miss	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	AM2-1573
Nev	McGill & McGill	819 Tiburon Blvd, Tiburon, Cal	GE5-4576
NH	The Dee Co	30 Arlington St, Lynnfield, Mass	LY4-3575
NJ	Mid-Eastern Associates	Box 306, Levittown, Pa	WI9-1195
NC	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	AM2-1573
Pa	Mid-Eastern Associates	Box 306, Levittown	WI9-1195
RI	The Dee Co	30 Arlington St, Lynnfield, Mass	LY4-3575
SC	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	AM2-1573
Tenn	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	AM2-1573
Vt	The Dee Co	30 Arlington St, Lynnfield, Mass	LY4-3575
Va	Callas-Doss Electronics	1517 Ingleside Ave, Baltimore, Md	RI4-2466
Foreign	Mileh Representaciones	Av Corrientes 222, Buenos Aires, Argentina	
	CADILLAC GAGE CO	**P. O. Box 3806, Detroit 5, Mich**	**PR7-7100**
	R Kelp #30 *800 G 20-1920		
Cal	W Roberts/J Pennell	1866 Whittier, Costa Mesa, Cal	MI6-2491
NJ	Harold Burkart	93 Hillside Ave, West Caldwell, NJ	CA6-1730
	CADRE INDUSTRIES CORP	**P. O. Box 150, Endicott, NY**	**PI8-3373**
	J O'Neil #14 *1,000 G 185-190-255-325-375-795-910-920-1005-1075-1150-1235-1425-1715-1845-1870-1960		
Ala	Emmett Rushin Co.	Box 486, Roswell, Ga	RO6-498
Cal	Cadre Industries Corp	Box 396, Los Catos	EL3-8600
Colo	Price Engineering Sales Co.	Box 421, Littleton, Colo	
Conn	R S Pettigrew & Co., Inc	10 N. Main St, Hartford 7, Conn	AD3-8533
Del	J A Maguire & Co	5716 York Rd. Baltimore 12, Md	ID3-2613
DC	J A Maguire & Co	5716 York Rd. Baltimore 12, Md	ID3-2613
Fla	Emmett Rushin Co.	Box 486, Roswell, Ga	RO6-498
Ga	Emmett Rushin Co.	Box 486, Roswell	RO6-498
Ky	J A Maguire & Co	5716 York Rd. Baltimore 12, Md	ID3-2613
Me	R S Pettigrew & Co., Inc	45 Main St, Natick, Mass	OL3-6480
Md	J A Maguire & Co	5716 York Rd. Baltimore 12	ID3-2613
Mass	R S Pettigrew & Co., Inc	10 N. Main St, Hartford 7, Conn	AD3-8533
Mass	R S Pettigrew & Co., Inc	45 Main St, Natick, Mass	OL3-6480
NH	R S Pettigrew & Co. Inc	45 Main St. Natick, Mass	OL3-6480
NJ	Murray Sales Co.	25 W. Northfield Rd, Livingston, NJ	WY2-0520
NJ	J A Maguire & Co	116 N. 7th St, Camden 2, NJ	WO6-3118
NM	Price Engineering Sales Co.	Box 421, Littleton, Colo	
NY	Walter Murray	100 Hepburn Rd. Clifton, NJ	GR2-1566
NY	Wall Associates	Box 151, DeWitt 14, NY	GI6-4100
NY	Murray Sales Co	25 W. Northfield, Livingston, NJ	WY2-0520
NC	J A Maguire & Co	5716 York Rd. Baltimore 12, Md	ID3-2613
Ohio	Clark Sales Co.	Box 708, Cleveland 22, Ohio	PR1-2241
Pa	J A Maguire & Co	721 Market St. Camden 2, NJ	WO6-3118
RI	R S Pettigrew & Co., Inc	45 Main St, Natick, Mass	OL3-6480
SC	J A Maguire & Co	5716 York Rd. Baltimore 12, Md	ID3-2613
Tenn	J A Maguire & Co	5716 York Rd. Baltimore 12, Md	ID3-2613
Vt	R S Pettigrew & Co., Inc	10 N. Main St, Hartford 7, Conn	AD3-8533
Va	J A Maguire & Co	5716 York Rd. Baltimore 12, Md	ID3-2613
	CAIG LABS., INC	**46 Stonwood Rd, New Hyde Park, NY**	**PI2-0278**
	O Lohkamper #2 *6 A 265-290-315-820-885-1825		
	CALBEST ELECTRONICS CO	**4801 Exposition Blvd Los Angeles 16, Cal**	**RE1-7291**
	I Doble #10 *125 D 45-55-180-185-320-360-895-910-920-1200-1235-1255-1330-1425-1810-1895		
	CALCON MFG. CO. INC	**100 Oakland Ave. Washington, Pa**	**BA2-8190**
	A Lassers #2 190-375-1960		
Ala	L R Massey	304 E. Jefferson St. Greenwood, Miss	GL3-3038
Ariz	Hyde Electronics	888 S. Lipan St. Denver 23, Colo	WE6-3456
Ark	L R Massey	304 E. Jefferson St. Greenwood, Miss	GL3-3038
Cal	Logan Sales Co	150 8th St. SF	HE1-0692
Cal	Vincent & Walker	4306 Victory Blvd. Burbank	PO2-7200
Colo	Hyde Electronics	888 S. Lipan St. Denver 23	WE6-3456
Conn	Robert Reiss Assoc	70 Jessie Dr. W. Haven	WE3-8542
Del	Land-C-Air Sales Co	76 Main St. Tuckahoe, NY	WO1-4700
DC	Land-C-Air Sales Co.	76 Main St. Tuckahoe, NY	WO1-4700
Ga	L R Massey	304 E. Jefferson St. Greenwood, Miss	GL3-3038
Ind	Hoosing Sales Co	3405 Butler Ct. Fort Wayne	
Ky	Hoosing Sales Co	3405 Butler Ct. Fort Wayne, Ind	
La	L R Massey Co	304 E. Jefferson St. Greenwood, Miss	GL3-3038
Me	Robert Reiss Assoc	70 Jessie Dr. W. Haven, Conn	WE3-8542
Md	Land-C-Air Sales Co	76 Main St. Tuckahoe, NY	WO1-4700
Mass	Robert Reiss Assoc	70 Jessie Dr. W. Haven, Conn	WE3-8542
Mich	Cardinal Electronics	19303 Fairport, Detroit 5	LA6-5841
Minn	Northern States Sales Co	1400 Park Ave. Mpls	FE3-2521
Miss	L R Massey Co	304 E. Jefferson St. Greenwood	GL3-7616
Nev	Logan Sales Co	150 8th St. SF, Cal	HE1-0692
NH	Robert Reiss Assoc	70 Jessie Dr. W. Haven, Conn	WE3-8542
NJ	Land-C-Air Sales Co	76 Main St. Tuckahoe, NY	WO1-4700
NY	Land-C-Air Sales Co	76 Main St. Tuckahoe	WO1-4700
NC	Jack G Schiffer Co	Summit Sta. Greensboro	BR3-5578
ND	Northern States Sales Co	1400 Park Ave. Mpls, Minn	FE3-2521
Ohio	Joe Clancy & Co. Inc	Box 269, Angola, Ind	
Okla	W R Hays Co	3416 Rosedale, Dallas, Tex	EM3-2021
Pa	HY Mates	5510 Hobart St. Pittsbgh	HA1-8998
Pa	Land-C-Air	76 Main St. Tuckahoe, NY	
Pa	David Miller	847 Kerry Hill Dr. Pittsbgh	
RI	Robert Reiss Assoc	70 Jessie Dr. W. Haven, Conn	WE3-8542
SC	Jack Schiffer Co	Summit Sta, Greensboro, NC	BR3-5578
SD	Northern States Sales Co	1400 Park Ave. Mpls, Minn	FE3-2521
Tenn	L R Massey Co	304 E. Jefferson, Greenwood, Miss	GL3-3038
Tex	W R Hays Co	3416 Rosedale, Dallas	
Utah	Hyde Electronics	888 S Lipan St. Denver 23, Colo	WE6-3456
Vt	Robert Reiss Assoc	70 Jessie Dr. W. Haven, Conn	WE3-8542
Va	Land-C-Air Sales Co	76 Main St. Tuckahoe, NY	WO1-4700
Wash	Land-C-Air Sales Co	76 Main St. Tuckahoe, NY	WO1-4700
W Va	Hy Mates	5510 Hobart St. Pittsbgh, Pa	HA1-8998
Wis	Northern Sales Co	1400 Park Ave, Mpls, Minn	FE3-2521
Wyo	Hyde Electronics	888 S. Lipan St. Denver, Colo	WE6-3456
Can	Circus Can. Electronics	12 Laurel St. E. Waterloo, Ont	SH5-6611
	CALEDONIA ELECTRONICS & TRANSFORMER CO	**Caledonia, NY**	**KE8-4423**
	G Hawk #8 *119 E 1855		
Ariz	W W Blazo	2457 N. Richey Blvd. Tucson	EA6-5160
Md	Wm. M Jones Co, Inc	POB [illegible], Towson 4	VA3-5721
NY	Baume Electronics Sales Co	Bethpage	DE1-77[illegible]
NY	Burke & Schomburg Sales	Rochester	LU6-0725
NY	Burke & Schomburg Sales	Caledonia	KE8-2371
NY	Everett Sales Eng. Co	154 Plandome Rd. Manhasset	MA7-7750
Ohio	Brownie & Assoc	3066 E. 16th St. Cleve 20	SW5-7472
	CALIBRATION STANDARDS CORP	**1025 Westminster Ave. Alhambra, Cal**	**CU3-8156**
	J Fooch 895-1340		
Ala	Specialized Eqpt. Co	Cocoa Beach, Fla	SU3-3328
Ariz	EMF Assoc	Denver, Colo	SU9-9592
Cal	Smith-Dietrich Sales Co	Inglewood	OR8-7812
Colo	EMF Assoc	Denver	SU9-9592
Conn	QED Electronic Sales Inc	Mount Vernon, NY	MO8-3100
Del	Jay Co	2420 Wilson Blvd, Arlington 1, Va	JA4-6767
DC	Jay Co	2420 Wilson Blvd, Arlington 1, Va	JA4-6767
Fla	Specialized Eqpt. Co	Cocoa Beach	SU3-3328
Ga	Specialized Eqpt. Co	Cocoa Beach, Fla	SU3-3328
Idaho	Stanley Enterprises	127 River St, Seattle 8, Wash	PA3-[illegible]
Ill	Loren F Green Assoc	Chicago	AV6-[illegible]24
Ind	Loren F Green Assoc	Chicago, Ill	AV6-[illegible]24
Iowa	Loren F Green Assoc	Chicago, Ill	AV6-[illegible]
Kan	Lawrence L Hill	Wichita	AM7-3850
Ky	Electro Sales Assoc	Cleve, Ohio	RE2-7444
Me	Geo. Gostenhofer & Assoc. Inc	Waltham, Mass	TW4-9500
Md	Jay Co	2420 Wilson Blvd, Arlington 1, Va	JA4-6767
Mass	Geo. Gostenhofer & Assoc. Inc	Waltham	TW4-9500
Mich	Electro Sales Assoc	Detroit	TU6-2280
Minn	Loren F Green & Assoc	5218 W. Diversey, Chicago, Ill	
Miss	Specialized Eqpt. Co	Cocoa Beach, Fla	SU3-3328
Mo	Lawrence L Hill	Wichita, Kan	AM7-3850
Mont	Stanley Enterprises	127 River St, Seattle 8, Wash	PA3-[illegible]
Nev	EMF Assoc	Denver, Colo	SU9-9592
NH	Geo. Gostenhofer & Assoc. Inc	Waltham, Mass	TW4-9500
NJ	QED Electronic Sales Inc	9 Elm Ave, Mt. Vernon, NY	MO8-3100
NM	EMF Assoc	Denver, Colo	SU9-9592
NY	Charles A Winick Co	Schenectady	EX3-2268
NY	QED Electronic Sales Inc	9 Elm Ave, Mt. Vernon, NY	MO8-3100
NC	Specialized Eqpt. Co	Cocoa Beach, Fla	SU3-3328
Ohio	Electro Sales Assoc	Cleve	RE2-7444
Okla	Lawrence L Hill	Wichita, Kan	AM7-3850
Ore	Stanley Enterprises	127 River St, Seattle 8, Wash	PA3-[illegible]
Pa	Holdsworth & Co	P.O Box 71, Lansdowne, Pa	MA6-[illegible]
Pa	Electro Sales Assoc	Cleve, Ohio	RE2-7444
RI	Geo. Gostenhofer & Assoc. Inc	Waltham, Mass	TW4-9500
SC	Specialized Eqpt. Co	Cocoa Beach, Fla	SU3-3328
Tenn	Specialized Eqpt. Co	Cocoa Beach, Fla	SU3-3328
Tex	Lawrence L Hill	Wichita, Kan	AM7-3850
Utah	EMF Assoc	Denver, Colo	SU9-9592
Vt	Geo. Gostenhofer & Assoc. Inc	Waltham, Mass	TW4-9500
Va	Jay Co	2420 Wilson Blvd, Arlington 1, Va	JA4-6767
Wash	Stanley Enterprises	127 River St, Seattle 8, Wash	PA3-[illegible]
W Va	Electro Sales Assoc	Cleve, Ohio	RE2-7444
Wis	Loren F Green & Assoc	Chicago, Ill	AV6-[illegible]24
Wyo	EMF Assoc	Denver, Colo	SU9-9592
Foreign	Frazar & Hansen Lts	301 Clay St, San Francisco 11, Cal	EX2-6112
	CALIFORNIA CHASSIS CO	**5445 E. Century Blvd, Lynwood, Cal**	**NE6-7777**
	H Balderson *55 D 135-180-260-1245-1390		
Ariz	Harry A Moore Sales Co	3[illegible]5 E. Indian School Rd, Phoenix, Ariz	
Cal	Wes Alderson	3050 Overland, Los Angeles 34, Cal	
Cal	Logan Sales Co	150 Eighth St, San Francisco, Cal	
Colo	Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	
Tex	Maynard Sales Co	7013 Cedar Springs, Dallas, Tex	
Wash	Don Kohler	11532 - 4th Ave, Seattle, Wash	
	CALIFORNIA COMPUTER PRODUCTS, INC	**8714 Cleta St. Downey, Cal**	**SP3-4921**
	R Mark #21 *50 D 338-895-1150-1810		
Cal	Richard L Hart	7327 W. 82nd St, Los Angeles 45, Cal	
Cal	Calma Co., The	5546 Amby St, San Jose	AN6-6177
DC	Gregory M Bell, Jr	527 15th St NW, Washington 5	DI7-1153
Mass	Anderson-Stone Eng Div	2300 Washington St, Newton Lower Falls	WO9-[illegible]
NY	Brogan Assoc	220 Jericho Tpk., Mineola	PI7-32[illegible]
Tex	Datronics, Inc	3333 W Alabama, Houston 6	
	CALIFORNIA MAGNETIC CONTROL CORP	**11922 Valerio St, N. Hollywood, Cal**	**ST7-1104**
	338-670-895-1135-1340-1420-1855		
	CALIFORNIA TECHNICAL IND	**1421 Old County Rd. Belmont, Cal**	**LY3-8466**
	J Heuser #50 *165 E 45-338-895-1135-1610-1915		
Cal	Dennis B Metz	12127 Edgewater Ave. Whittier	OX1-2714
Cal	Perlmuth Electronic Inst. Inc	102 Scott St. San Diego 6	AC4-1717
Colo	Hyde Electronics Co	888 S Lipan St. Denver 23	WE6-3456
Conn	Instrument Dynamics of Conn, Inc	2385 Main St. Stratford	DR8-0435
DC	Aironic Accessory Co. Inc	518 Virginia Ave. Baltimore 4, Md	VA3-3350
Fla	E G Holmes & Assoc	1220 Edgewater Dr, Orlando, Fla	CH1-212[illegible]
Ga	E G Holmes & Assoc	4[illegible]9 Roswell Rd, N.E., Atlanta 5, Ga	CL5-[illegible]
Ill	Walter F Marsh & Assoc	244 Chicago Ave, Oak Park, Ill	EU[illegible]
Ill	Dickinson Reed	1610 Central St. Evanston	UN9-5445
Kan	Kemco Inc	6427 E. Kellogg, Wichita 8, Kan	MU4-[illegible]
Md	Aironic Accessory Co., Inc	518 Virginia Ave, Baltimore 4, Md	VA3-[illegible]
Mass	Instrument Dynamic	1. Albion St., Wakefield, Mass	CR[illegible]
Mich	Tiny Co., The	8701 Fenkell Ave. Detroit 38	TE4-9211
NM	Hyde Electronics Co	5206 Constitution Ave. NE Albuquerque	AM8-1111
NY	John Valley	46 Bay Dr. W, Huntington Bay	AR1-0440
NY	Aironic Accessory Co. Inc	1590 Niagara Falls Blvd. Tonawanda	TF6-4740
NC	E G Holmes & Associates	440 W Market St. Greensboro	BR2-[illegible]
Ohio	Tiny Co	2245 Warrensville Ctr Rd, Cleve 18, Ohio	[illegible]
Pa	Automated Eqpt & Eng. Inc	9411 Northgate Dr. Allison Park	WE1-7616
Tex	Kemco, Inc	P O Box 998, Irving	FL1-6300
Utah	Hyde Electronics Co	2[illegible] Connor St. Salt Lake City 9	IN7-5763
Wash	Telco	Boeing Field, Seattle 8, Wash	PA3-[illegible]
For	Omega International	P O Box 1884, New Haven 8, Conn	FU9-1511

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	CALMAG DIV CALIFORNIA MAGNETIC CONTROL CORP	**11922 Valerio St, N. Hollywood, Cal**	
	A Jarnagin #3 *35 B 120-320-365-475-670-895-1135-1340-1455-1855-1860		
	CALTRON PRODUCTS CO	**3518 W. Pico Blvd, L A 19, Cal**	**RE4-2420**
	C Swenson #3 *15 B 460-1080-1920		
	CALVIDEO TUBE CORP	**10601 S. Santa Fe, Compton, Cal**	**NE6-0741**
	1080		
	CAMBRIDGE ELECTRONICS CORP	**294 Center St, Newton, Mass**	**WO9-4890**
	#3 *5 A 275-470		
	CAMBRIDGE FILTER CORP	**738 E. Erie Blvd, Syracuse 1, NY**	**GR5-1600**
	D Veedel 290-670-1345		
	CAMBRIDGE PATTERN WORKS, INC	**55 1st St. Cambridge 41, Mass**	**KI7-8191**
	A Wills *10 B 55-135-180		
	CAMBRIDGE THERMIONIC CORP	**445 Concord Ave, Cambridge 38, Mass**	**TR6-2800**
	K McManis #12 *275 E 65-120-220-320-330-345-375-615-670-715-720-725-785-790-895-905-920-925-1030-1120-1315-1320-1580-1630-1780-1855		
Ala	E C Raymond & Assoc	Box 8215, St Petersburg 8, Fla	WA1-9735
Alaska	C B Parsons & Co	3028 1st Ave, Seattle, Wash	MU2-6780
Ariz	E V Roberts & Assoc	340 N Marshall Ave, Scottsdale	WH7-1381
Ark	Automatic General Elec Sales Inc	6550-B Troost Ave, Kansas City 10, Mo	DE3-8206
Cal	E V Roberts & Associates	4379 30th St, San Diego 4, Cal	AT1-6787
Cal	E V Roberts & Associates	1560 Laurel St, San Carlos, Cal	LY3-7878
Cal	E V Roberts & Associates	5068 W. Washington Blvd, L A 16, Cal	WE8-2541
Colo	Barnhill Associates	1170 S. Sheridan, Denver 26, Colo	WE5-4646
Conn	Samuel C Hooker Inc	P.O. Box 322, Danbury, Conn	PI8-1776
Del	Kenneth B Erdman	7908 High School Rd, Philadelphia 17, Pa	CA4-1833
DC	Kenneth B Erdman	7908 High School Rd, Philadelphia 17, Pa	CA4-1833
Fla	E C Raymond & Assoc	Box 8215, St Petersburg 8	WA1-9735
Ga	E C Raymond & Assoc	Box 8215, St Petersburg 8, Fla	WA1-9735
Idaho	C B Parsons & Co	3028 1st Ave, Seattle 1, Wash	MU2-6780
Ill	Automatic General Electro Sales Inc	6550-B Troost Ave, Kansas City 10, Mo	DE3-8206
Ill	R C Whitmore & Assoc	520 N Michigan Ave, Chicago 11	MO4-1904
Ind	Joe Murphy	202 Fern Rd, Indianapolis 20, Ind	VI6-0359
Iowa	Automatic Gen Electro Sales Inc	6550B Troost Ave, Kansas City 10, Mo	DE3-8206
Kan	Automatic General Electro Sales Inc	6550B Troost Ave, Kansas City 10, Mo	DE3-8206
Ky	Joe Murphy	202 Fern Rd, Indianapolis 20, Ind	VI6-0359
La	Automatic Gen Electro Sales Inc	6550B Troost Ave, Kansas City 10, Mo	DE3-8206
Me	Samuel C Hooker Inc	2 Winchester Pl, Winchester, Mass	PA9-2745
Md	Kenneth B Erdman	7908 High School Rd, Philadelphia 17, Pa	CA4-1833
Mass	Samuel C Hooker Inc	2 Winchester Pl, Winchester, Mass	PA9-2745
Minn	Fred B Hill Co	6110 Excelsior Blvd, Mnpls 16, Minn	WE9-6727
Miss	E C Raymond & Assoc	Box 8215, St Petersburg 8, Fla	WA1-9735
Mo	Automatic Gen Electronic Sales Inc	6990 Lockland Rd, St. Louis 14, Mo	HA8-3934
Mo	Auto Gen Electronic Sales Inc	6550B Troost Ave, Kansas City 10, Mo	DE3-8206
Mont	C B Parsons & Co	3028 First Ave, Seattle 1, Wash	MU2-6780
Neb	Automatic Gen Electro Sales Inc	6550-B Troost Ave, Kansas City 10, Mo	DE3-8206
Nev	E V Roberts & Associates	5068 W. Washington Blvd, L A 16, Cal	WE8-2541
NH	Samuel C Hooker Inc	2 Winchester Pl, Winchester, Mass	PA9-2745
NJ	ERA, Inc	140 Great Neck Rd, Great Neck, NY	HU2-9320
NM	E V Roberts & Associates	112 "C" Tulane Dr, S.E., Albuquerque	AL5-7304
NY	Frank W Taylor Co, Inc	4456 E Genesee St, DeWitt 14	GI6-0422
NY	ERA, Inc	140 Great Neck Rd, Great Neck	HU2-9320
NC	E C Raymond & Assoc	Box 8215, St Petersburg 8, Fla	WA1-9735
ND	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis 16, Minn	WE9-6727
Ohio	Arthur H Baier Co	18236 S Miles Pkwy, Cleveland 28	FA1-5644
Ohio	Arthur H Baier Co	384 W 1st St, Dayton 2	BA8-5493
Okla	Automatic Gen Electro Sales Inc	6550-B Troost Ave, Kansas City 10, Mo	DE3-8206
Ore	C B Parsons & Co	3028 1st Ave, Seattle 1, Wash	MU2-6780
Pa	Kenneth B Erdman	7908 High School Rd, Philadelphia 17, Pa	CA4-1833
Pa	Jack Covert Associates	320 Amquil Pl, Pittsburgh 34, Pa	LE1-4471
RI	Samuel C Hooker Inc	P.O. Box 322, Danbury, Conn	PI8-1776
SC	E C Raymond & Assoc	Box 8215, St Petersburg 8, Fla	
SD	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis 16, Minn	WE9-6727
Tenn	E C Raymond & Assoc	Box 8215, St Petersburg 8, Fla	
Tex	Automatic General Electro Sales Inc	2527 B McKinney Ave, Dallas, Tex	RI7-8779
Utah	Barnhill Associates	277 N. 4th E., Centerville, Utah	
Vt	Samuel C Hooker Inc	2 Winchester Pl, Winchester, Mass	PA9-2745
Va	Kenneth B Erdman	7908 High School Rd, Philadelphia, Pa	CA4-1833
Wash	C B Parsons	3028 1st Ave, Seattle 1, Wash	MU2-6780
W. Va	Jack Covert Associates	320 Amquil Pl, Pittsburgh 34, Pa	LE1-4471
Wis	R C Whitmore & Assoc	520 N Michigan Ave, Chicago 11, Ill	
Wyo	Barnhill Associates	1170 S. Sheridan, Denver 26, Colo	WE5-4646
Canada	Cambridge Thermionic of Canada Ltd	2425 Grand Blvd, Montreal 28, Canada	HU8-4321
Foreign	Uni Office N V	P.O. Box 1122, Rotterdam, Holland	
	CAMBRIDGE WIRE CLOTH CO	**Cambridge, Md**	**ACB-3000**
	F Hooper *250 E 620-625-1530		
Cal	The Cambridge Wire Cloth Co	420 Market St, San Francisco, Cal	YU6-4503
Del	The Cambridge Wire Cloth Co	P.O. Box 208, Newark, Del	EN8-0151
Ga	The Cambridge Wire Cloth Co	76 Fourth St NW, Atlanta, Ga	TR2-1442
Ill	The Cambridge Wire Cloth Co	332 S Michigan Ave, Chicago 4, Ill	WA2-3651
Mass	Cambridge Wire Cloth Co., The	230 Main St, Stoneham 80	ST6-1616
Mich	The Cambridge Wire Cloth Co	2567 W Grand Blvd, Detroit 8, Mich	TY6-2155
Mo	The Cambridge Wire Cloth Co	4527 Wornall Rd, Kansas City, Mo	JE1-0286
NY	The Cambridge Wire Cloth Co	425 White Plains Rd, Eastchester 7, NY	WO1-3600
Pa	The Cambridge Wire Cloth Co	255 Beverly Rd, Pittsburgh 16, Pa	FI1570
Tex	The Cambridge Wire Cloth Co	7909 Long Dr, Houston 17, Tex	MI4-4364
	CAMCAR SCREW & MFG CO DIV TEXTRON INDUSTRIES INC	**600 Eighteenth Ave, Rockford, Ill**	**WO5-9451**
	R A Blomberg 1535		
Ariz	Rollin C Ring	523 Main St, El Segundo, Cal	EA2-5157
Cal	Rollin C Ring	523 Main St, El Segundo, Cal	EA2-5157
Conn	John Gregory	Country Club Rd, Avon, Conn	OR3-3696
Del	Edward M Jackson	1830 Old Orchard Rd, Abington, Pa	TU7-3504
Ind	Howard F Jacobson	4974 Scenic Dr, S. Bend 17, Ind	AT8-5397
Ky	Richard P Field	2003 Old Shepherdsville Rd, Louisville	GL8-5367
Me	John Gregory	Country Club Rd, Avon, Conn	OR3-3696
Md	Edward M Jackson	1830 Old Orchard Rd, Abington, Pa	TU7-3504
Mass	John Gregory	Country Club Rd, Avon, Conn	OR3-3696
Mich	C C Curry & J Yeoch	14531 W. McNichols Rd, Detroit 35	VE6-5045
Minn	J A Elwood Jr	238 Roger St, Port Washington, Wisc	AT4-4297
Nev	Rollin C Ring	523 Main St, El Segundo, Cal	EA2-5157
NH	John Gregory	Country Club Rd, Avon, Conn	OR3-3696
NJ	R Dexter Field	3 Meadow St, Marcellus, NY	OR9-1342
NM	Rollin C Ring	523 Main St, El Segundo, Cal	EA2-5157
NY	John Gregory	Country Club Rd, Avon, Conn	OR3-3696

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NY	R Dexter Field	3 Meadow St, Marcellus, NY	OR9-1342
Ohio	Ralph F Hornbach	5966 Kinlake Dr, Cincinnati 31, Ohio	JA2-1349
Ohio	Eugene H Donahue	1430 Park Ave W, Mansfield, Ohio	LA4-7355
Ore	Rollin C Ring	523 Main St, El Segundo, Cal	EA2-5157
Pa	Edward M Jackson	1830 Old Orchard Rd, Abington, Pa	TU7-3504
RI	John Gregory	Country Club Rd, Avon, Conn	OR3-3696
Tex	Rollin C Ring	523 Main St, El Segundo, Cal	EA2-5157
Vt	John Gregory	Country Club Rd, Avon, Conn	OR3-3696
Wash	Rollin C Ring	523 Main St, El Segundo, Cal	EA2-5157
Wisc	J A Elwood Jr	238 Roger St, Port Washington, Wisc	AT4-4297
	CAMLOC FASTENER CORP	**22 Spring Valley Rd, Paramus, NJ**	**HU9-4900**
	B Becker #22 *200 E 645-785-790		
Cal	Camloc Fastener Corp	5455 Wilshire Blvd, Los Angeles 36	WE1-1361
Ill	Raymond E Jensen	526 Crescent Blvd, Glen Ellyn	HO9-1039
NH	Roy C Bishop	259 Main St, Nashua, NH	TU2-2766
Tex	Camloc Fastener Corp	2509 W Berry St, Fort Worth, Tex	WA6-3127
For	Camloc Fastener GmbH	Kelkheim/Taunus, Frankfurter Str 36, W Ger	KE06195-288
	CAMPBELL CO., INC., COLIN	**Mry Brook Rd, Danbury, Conn**	**PI3-6791**
	W Brian #2 *42 C 365-670-895-915-1135-1300-1340-1420-1455-1855		
Conn	Dernavgant Associates	Dogwood Ln, Danbury	PI8-9357
Mass	Forsberg Sales	125 Perkins Ave, Brockton	
NY	Redford Corp	Scotia	
	CAMPBELL-NORQUIST & CO	**305 NE Russell St. Portland 12, Ore**	**AT8-6123**
	#2 *10 B 910		
Cal	Douglas Rossol Communications	1832 S Flower St, Los Angeles	RI7-9361
Wash	International Elec Sales Co	6071 Airport Way, Seattle 8	PA3-3151
	CAMPRO PRODUCTS INC	**3131 Columbus Rd NE, Canton 1, Ohio**	**GL5-0334**
	M Sweeney #2 *125 D 180-1290		
Ala	Dixie Electronic Associates	1021-8th Ave, S., Nashville, Tenn	AL5-1334
Ark	Ernest L Wilk Co	1212 Camp St, Dallas 2, Tex	RI7-2637
Cal	Grandco Sales	4 Yosemite Ave, Oakland, Cal	OL4-6327
Cal	Simonite-Lewis	10489 Magnolia Blvd, Hollywood, Cal	TR7-1674
Colo	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Del	Ferrell Carmine	14 Knickerbocker Dr, Newark, Del	EN8-7603
Fla	Jack Gentner Co	235 Lincoln Rd, Miami Beach, Fla	JE1-0200
Ga	Dixie Electronic Associates	1021 8th Ave, S., Nashville, Tenn	AL5-1334
Idaho	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Ill	Collins & Havercamp	6857 N. Main St, Kansas City 16, Mo	GL3-4497
Ill	J K Rose & Co	1118 Linden Ave, Highland Park, Ill	BR3-2228
Ind	Edwin Schultz Co	721 Sherwood Dr, Indpls, Ind	CL5-1993
Iowa	Collins & Havercamp	6857 N. Main St, Kansas City 16, Mo	GL3-4497
Kan	Collins & Havercamp	6857 N. Main St, Kansas City 16, Mo	GL3-4497
La	Ernest L Wilk Co	1212 Camp St, Dallas 2, Tex	RI7-2637
Mich	Rod Butchart Co	16600 E. Warren Ave, Detroit 24, Mich	TU2-666
Minn	Mel Foster	2402 Hennepin Ave, Mnpls, Minn	FR4-2612
Miss	Dixie Electronic Associates	1021-8th Ave, S., Nashville, Tenn	AL5-1334
Mo	Collins & Havercamp	6857 N. Main St, Kansas City 16, Mo	GL3-4497
Mont	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Neb	Collins & Havercamp	6857 N. Main St, Kansas City 16, Mo	GL3-4497
Nev	Grandco Sales Co	4 Yosemite Ave, Oakland 11, Cal	OL4-6327
NM	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
NY	Steve Fisher Sales Co	800 Greenwood Ave, Brooklyn, NY	CH2-5825
NY	William Ferguson	117 Fayette St, Manlius, NY	OV2-9301
NC	Dixie Electronic Assoc	1021-8th Ave, S., Nashville, Tenn	AL5-1334
Ohio	Thomas Shelby & Co	319 S. Franklin St, New Bremen, Ohio	6511
Okla	Ernest Wilks Co	1212 Camp St, Dallas 2, Tex	RI7-2637
Pa	William Ferguson	117 Fayette St, Manlius, NY	OV2-9301
Pa	Thomas Shelby & Co	319 S. Franklin St, New Bremen, Ohio	6511
SC	Dixie Electronics Associates	1021-8th Ave, S., Nashville, Tenn	AL5-1334
Tenn	Dixie Electronic Associates	1021-8th Ave, S., Nashville, Tenn	AL5-1334
Tex	Ernest L Wilks Co	1212 Camp St, Dallas 2, Tex	RI7-2637
Utah	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Va	Dixie Electronic Associates	1021-8th Ave, S., Nashville, Tenn	AL5-1334
W.Va	Thomas Shelby & Co	319 S. Franklin St, New Bremen, Ohio	6511
Wyo	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Can	Len Finkler Ltd	1794 Ave Rd, Toronto, Ont	
	CANADIAN APPLIED RESEARCH LTD	**750 Lawrence Ave, W., Toronto 19, Can**	**RU1-1571**
	D Dalzell #10 *400 E 200-338-895-1810		
	CANADIAN AVIATION ELECTRONICS LTD	**Box 2030, Montreal 9, P Q**	**ME1-6781**
	D McDonald #150 *1800 G 195-200-338-340-780-795-895-910-1075-1125-1135-1180-1245-1610-1845-1870		
Cal	Cannon Industries Inc	1116 W Pico Blvd. Los Angeles 64	GR8-3795
NY	Oneida Electronics Inc	Rt 5A, Yorkville	RE6-5247
For	C A E Electronics GmbH	Bad Godesberg, West Germany	
	CANADIAN MARCONI CO	**2444 Trenton Ave. Montreal 16, Que**	**RE8-9441**
	J Martin #130 *3400 A 50-190-320-325-338-345-360-365-450-635-670-895-1135-1200-1395-1425-1655-1845-1855-1870-1990		
Can	Canadian Marconi Co	1830 Bayview Ave. Toronto	HU1-5221
Canada	Canadian Marconi Co	3594 Main St, Vancouver, Canada	TR6-4174
Canada	Canadian Marconi Co	1710-3rd St, N.E., Calgary, Canada	CH7-7571
Canada	Canadian Marconi Co	572 Barrington St, Halifax, Canada	3-1325
	CANADIAN RADIUM & URANIUM CORP	**630 Fifth Ave, New York 20, NY**	**CI6-0469**
	265-895-960-965-1030-1125-1190-1240-1245-1295-1670		
	CANADIAN RESEARCH INSTITUTE	**85 Curlew Dr. Don Mills, Ont**	**HI7-5561**
	J Innes #2 *15 B 195-255-338-360-365-895-1050-1100-1135-1175-1245-1330-1340-1455-1475-1550-1555-1610-1865		
	CANNON CO., C F	**Springwater, NY**	**NO9-2550**
	***45 C 805**		
•	**CANNON ELECTRIC CO**	**3208 Humboldt St, Los Angeles 31, Cal**	**CA5-1251**
	#100 *3,500 20-345-925-1135-1315-1645-1755-1780		
Ala	Glenn Associates, Inc	2815 28th St. S, Birmingham 9	FR9-0561
Alaska	James J Backer	221 W. Galer St, Seattle 99, Wash	AT3-6470
Ariz	Cannon Electric Co	2841 Airlane, Phoenix	BR5-4792
Ark	Edward F Aymond Co	3915 Lemmon Ave. Dallas 19, Tex	LA6-5233
Cal	Cannon Electric Co	606 E. Dyer Rd, Santa Ana, Cal	KI5-7121
Cal	Cannon Electric Co	941 Charleston Rd. Palo Alto	DA3-9057

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Cannon Electric Co	2513 Modern St, San Diego	CY8-2934
Colo	Allen I Williams Co	2263 S. Albion St, Denver 22, Colo	SK6-9403
Conn	Cannon Electric Co	185 Main St, Branford, Conn	HU8-7229
Del	Robert L Wilkinson, Inc	707 Stevenson Ln, Towson 4, Md	DR7-7800
DC	Robert L Wilkinson Inc	707 Stevenson Ln, Towson 4, Md	DR7-7800
Fla	Glenn Associates, Inc	914 Langford Bldg, Miami 32	FR3-7833
Fla	Glenn Associates, Inc	672 N Orange Ave. Orlando	GA5-4159
Ga	Glenn Associates Inc	172 Simpson St, N.W., Atlanta 13, Ga	JA2-4906
Haw	Dougherty Enterprises	334 Kimalia Loop, Kailua	
Idaho	Allen I Williams Co	2263 S. Albion St, Denver 22, Colo	SK6-9403
Ill	Harris-Hanson Co	2814 S. Brentwood Blvd, St. Louis 17, Mo	MI7-4350
Ill	Cannon Plugs Supply Co	107 Gateway Rd, Bensenville	NA5-6480
Ind	Cannon Electric Co	4508 Allisonville Rd, Indianapolis	LI6-5037
Iowa	Cannon Electric Co	4056 Alabama Ave, Minneapolis 16, Minn	WE9-1434
Iowa	Cannon Electric Co	210 S. 5th St, Mnpls 2, Minn	FE5-3154
Kan	Cannon Electric Co	#20 On-the-Mall, Shawnee Mission	EN2-3313
Kan	Cannon Electric Co	2361 S Estelle St, Wichita 17	MU4-2441
Ky	Cannon Electric Co	4508 Allisonville Rd, Indianapolis, Ind	LI6-5037
La	Earl K Moore Co	5864 Louisville, New Orleans 24, La	HU8-2407
Me	Cannon Electric Co	Pingree & Leavitt Sts, Salem, Mass	PI5-0700
Md	Robert L Wilkinson Inc	707 Stevenson Ln, Towson 4, Md	DR7-7800
Mass	Cannon Electric Co	Pingree & Leavitt Sts, Salem, Mass	PI5-0700
Mich	Henschen-Jensen & Co	3542 W. Grand Blvd, Detroit 2, Mich	TR1-0300
Minn	Cannon Electric Co	4056 Alabama Ave, Minneapolis 16	WE9-1434
Miss	Earl K Moore Co	5864 Louisville, New Orleans 24, La	HU8-2407
Mo	Harris Hanson Co	2814 S. Brentwood Blvd, St. Louis 17, Mo	MI7-4350
Mont	Cannon Electric Co	3208 Humboldt St, Los Angeles 31, Cal	CA5-1251
Neb	Cannon Electric Co	#20 On-the-Mall, Shawnee Mission, Kan	EN2-3313
NH	Cannon Electric Co	Pingree & Leavitt Sts, Salem, Mass	PI5-0700
NJ	O F Mason Co	92 North Ave, New Rochelle, NY	NE6-1000
NJ	Robert L Wilkinson Inc	707 Stevenson Ln, Towson 4, Md	DR7-7800
NM	Cannon Electric Co	2801 Airlane, Phoenix, Ariz	BR5-4792
NY	O F Mason Co	92 North Ave, New Rochelle	NE6-1000
NY	Frank W Taylor Co., Inc	4456 E. Genesee St, DeWitt, NY	GI6-0422
NC	Dula Associates, Inc	1402 E Morehead St, Charlotte	ED4-7090
NC	Dula Associates, Inc	3885 Nottingham Rd, Winston-Salem	PA3-4705
ND	Cannon Electric Co	4056 Alabama Ave, Minneapolis 16, Minn	WE9-1434
Ohio	Arthur H Baier Co	18236 S Miles Pkwy, Cleveland 28	GR5-3200
Ohio	Ed Magee & Co	2801 Far Hills Ave, Dayton 19, Ohio	AX9-2333
Ore	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
Pa	Robert L Wilkinson, Inc	245 Keswick Ave, Glenside	HA4-8400
Pa	John O Olsen Co	104 Elston Dr, Pittsburgh 16	BR9-2550
Pa	John O Olsen Co	1843 Maydell St, Pittsburgh 18	FI1-8391
RI	Cannon Electric Co	Pingree & Leavitt Sts, Salem, Mass	PI5-0700
SC	Dula Associates, Inc	1402 E Morehead St, Charlotte, NC	ED4-7090
SD	Cannon Electric Co	4056 Alabama Ave, Minneapolis 16, Minn	WE9-1434
Tenn	Glenn Associates Inc	172 Simpson St, N.W., Atlanta 13, Ga	JA2-4906
Tex	Edward F Aymond Co	3915 Lemmon Ave. Dallas 19	
Utah	Allen I Williams Co	320 E 4th S, Salt Lake City	EM4-6844
Vt	Cannon Electric Co	Pingree & Leavitt Sts, Salem, Mass	PI5-0700
Va	Cannon Electric Co	3281 Wilson Blvd. Arlington 1	JA2-3260
Va	Robert L Wilkinson Inc	707 Stevenson Ln, Towson 4, Md	DR7-7800
Wash	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
W. Va	John O Olsen Co	16701 Shaker Blvd, Cleveland 20, Ohio	SK2-5444
Wis	Cannon Plugs Supply Co	107 Gateway Rd. Bensenville, Ill	NA5-6480
Wyo	Allen I Williams Co	2263 S. Albion St, Denver 22, Colo	SK6-9403
Canada	Cannon Electric Canada Ltd	160 Bartley Dr, Toronto 16, Ont, Canada	PL7-2845
	CANNON-MUSKEGON CORP	**2875 Lincoln St, Muskegon, Mich**	
	F Iverson #6 *45 E 1120		
Ariz	Dick Ells Co	908 Venice Blvd, L A 15, Cal	RI7-5129
Cal	Dick Ells Co	908 Venice Blvd, L A 15, Cal	RI7-5129
Conn	Seymour Preston	Bed Ford Hills, NY	MU7-6477
Del	Seymour Preston	Bed Ford Hills, NY	MU7-6477
DC	Seymour Preston	Bed Ford Hills, NY	MU7-6477
Me	Seymour Preston	Bed Ford Hills, NY	MU7-6477
Md	Seymour Preston	Bed Ford Hills, NY	MU7-6477
Mass	Seymour Preston	Bed Ford Hills, NY	MU7-6477
Nev	Dick Ells Co	908 Venice Blvd, L A 15, Cal	RI7-5129
NH	Seymour Preston	Bedford Hills, NY	MU7-6477
NJ	Seymour Preston	Bedford Hills, NY	MU7-6477
NY	Seymour Preston	Bedford Hills, NY	MU7-6477
Ore	Dick Ells Co	908 Venice Blvd, L A 15, Cal	RI7-5129
Pa	Seymour Preston	Bedford Hills, NY	MU7-6477.
RI	Seymour Preston	Bedford Hills, NY	MU7-6477
Vt	Seymour Preston	Bedford Hills, NY	MU7-6477
Wash	Dick Ells Co	908 Venice Blvd, L A 15, Cal	RI7-5129
	CANOGA DIV UNDERWOOD CORP	**15330 Oxnard St, Van Nuys, Cal**	**ST6-9010**
	25-45-895-1135-1395-1470		
Fla	Canoga Div	736 N. Beal St, Ft. Walton Beach, Fla	CH4-5111
	CAPCON INC	**61 Stanton St, New York 2, NY**	**GR5-0080**
	R Stone #12 *100 C 220-670		
Cal	Ray Del Buchia	179 S. Mayfair Ave, Daly City, Cal	
Colo	Ray Del Buchia	179 S. Mayfair Ave, Daly City, Cal	
Fla	John F Wattles	7210 Red Rd, Miami, Fla	PL4-5394
Ga	John F Wattles	7210 Red Rd, Miami, Fla	PL4-5394
Me	J Duncan How Inc	Statler Office Bldg, Boston 16, Mass	HU2-4638
Mass	J Duncan How Inc	Statler Office Bldg, Boston 16, Mass	HU2-4638
NH	J Duncan How Inc	Statler Office Bldg, Boston 16, Mass	HU2-4638
NJ	Albert Clarfield	90 Roberts Pl, Roosevelt, NY	PL7-6454
NY	Albert Clarfield	90 Roberts Pl, Roosevelt, NY	PL7-6454
RI	J Duncan How Inc	Statler Office Bldg, Boston 16, Mass	HU2-4638
Vt	J Duncan How Inc	Statler Office Bldg, Boston 16, Mass	HU2-4638
	CAPEHART CORP	**87-46 123rd St. Richmond Hill 18, NY**	**HI1-4400**
	M Meyerson #50 *350 E 45-325-385-450-670-895-910-945-1135-1395-1425		
Alas	J Canaris	5607B S Haven Dr. North Highlands, Cal	
Cal	J Canaris	5607B S Haven Dr. N Highlands	
Colo	N Nester	P O Box 5732, Midwest City, Okla	
Conn	L Sternlicht	#2 Kolton Dr, Rome, NY	
DC	M Rutford	1200 S Courthouse Rd, Arlington, Va	
Fla	M Rutford	1200 S Courthouse Rd, Arlington, Va	
Ga	M Rutford	1200 S Courthouse Rd, Arlington, Va	
Haw	J Canaris	5607B S Haven Dr, N Highlands, Cal	
Ill	N Nester	P O Box 5732, Midwest City, Okla	
Ind	N Nester	P O Box 5732, Midwest City, Okla	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Iowa	N Nester	P O Box 5732, Midwest City, Okla	
Kan	H Stobbs	2279 Seminole Ave. Springfield, Ohio	FA4-2002
Md	M Rutherford	1200 S Courthouse Rd. Arlington, Va	
Mass	L Sternlicht	#2 Kolton Dr. Rome, NY	
Mich	N Nester	P O Box 5732, Midwest City, Okla	
Mo	H Stobbs	2279 Semino'e Ave. Springfield, Ohio	FA4-2002
NH	L Sternlicht	#2 Kolton Dr. Rome, NY	
NY	L Sternlicht	#2 Kolton Dr. Rome	
Ohio	H S Stobbs	2279 Seminole Ave, Springfield, Ohio	FA4-2002
Okla	N Nester	P O Box 5732, Midwest City	
Ore	J Cannis	5678 S Haven Dr. N Highlands, Cal	

CAPITOL MACHINE CO — 36 Balmforth Ave, Danbury, Conn — PI3-2758
A Wilson #4 *105 1735

Ala	Buchanan & Abrams	Box 6026, Orlando, Fla	GA3-8995
Ariz	Perlmuth Electronic Associates	2859 E Thomas Rd. Phoenix	AM4-4534
Ark	J Earl Smith	6211 Denton Dr. Dallas 35, Tex	FL7-1727
Cal	Perlmuth Electronic Associates	5057 W. Washington Blvd, L A, Cal	WE1-1041
Cal	Perlmuth Electronic Associates	941 Charleston Rd, Palo Alto, Cal	DA1-5064
Conn	Arthur T Hatton & Co	1080 Farmington Ave, W. Hartford, Conn	AD3-3613
Del	John Biernbaum	Box 7142, Philadelphia 17, Pa	ME5-1030
DC	John Biernbaum	Box 7142, Philadelphia 17, Pa	ME5-1030
Fla	Buchanan & Abrams Associates	1224-25 E. Colonial Dr, Orlando, Fla	GA3-8995
Ill	Felleisen Associates	5841 W. Montrose Ave, Chicago 34, Ill	SP7-1060
Iowa	Wm T McGary	4635 Delmar Blvd. St Louis, Mo	PA5-6430
Kan	Wm T McGary	4635 Delmar Blvd. St Louis, Mo	PA5-6430
La	J Earl Smith	518 Roselawn Ave, Monroe, La	FA2-1162
La	J Earl Smith	6211 Denton Dr. Dallas 35, Tex	FL7-1727
Me	Arthur Hatton Assoc. Inc	1080 Farmington Ave. West Hartford, Conn	AD3-3613
Md	John Biernbaum	Box 7142, Philadelphia 17, Pa	ME5-1030
Mass	Arthur T Hatton & Co	248 Walnut St, Newtonville 60, Mass	DE2-2021
Mich	Hinck & Ralph Assoc	4780 Bellevue Ave, Detroit 7, Mich	WA1-2955
Miss	Buchanan & Abrams	Box 6026, Orlando, Fla	GA3-8995
Mo	William T McGary	4635 Delmar Blvd, St Louis, Mo	PA5-6430
NH	Arthur Hatton Assoc. Inc	1080 Farmington Ave. West Hartford, Conn	AD3-3613
NJ	Varrelman-German Co	Box 206, Livingston	IN3-5000
NM	Perlmuth Electronic Assoc	5057 W Washington Blvd. Los Angeles, Cal	WE1-1041
NY	Varrelman-Gorman Co	Box 206, Livingston, NJ	IN3-5000
Ohio	Edmund C Frost & Co	1545 Chelmsford Rd, Mayfield Heights 24	HI2-9040
Ohio	Edmund C Frost & Co	4932 Kettridge, Dayton 24, Ohio	BE3-3119
Okla	J Earl Smith	6211 Denton Dr. Dallas 35, Tex	FL7-1727
Pa	Edmund C Frost	1545 Chelmsford Rd. Mayfield Hts. Ohio	HI2-9040
Pa	John Biernbaum	Box 7142, Philadelphia 17, Pa	ME5-1030
RI	Arthur Hatton Assoc. Inc	1080 Farmington Ave, West Hartford, Conn	AD3-3613
Tenn	Buchanan & Abrams Assoc	Box 6026, Orlando, Fla	GA3-8995
Tex	J Earl Smith	6211 Denton Dr, Dallas 35, Tex	FL7-1727
Va	John Biernbaum	Box 7142, Philadelphia 17, Pa	ME5-1030
Wis	Felleisen Assoc	5841 W Montrose Ave. Chicago 34, Ill	SP7-1060
Can	John R Tilton Ltd	4927 Jean Brillant Ave. Montreal 29, Que	RE1-0725
Canada	John R Tilton Ltd	51 McCormick St, Toronto, Canada	RO9-1129

CAPPS & CO., INC — 20 Addison Pl, Valley Stream, NY — VA5-4413
S Gualtieri #3 *25 C 1130-1195

Ark	Chas Lucas Sales Co	P.O. Box 8506, Dallas, Tex	
Cal	Ralph Auffder Heide	P. O. Box 201, Altadena, Cal	
Fla	Gus Jose	2167 N. E. 173 St, N. Miami Beach, Fla	
Ill	Robert Shaw Co	7900 Kenridge Ln, Webster Groves, Mo	
Kan	Robert Shaw Co	7900 Kenridge Ln, Webster Groves, Mo	
La	Chas Lucas Sales Co	P.O. Box 8506, Dallas, Tex	
Mo	Robert Shaw Co	7900 Kenridge Ln, Webster Groves, Mo	
Neb	Robert Shaw Co	7900 Kenridge Ln, Webster Groves, Mo	
Okla	Charles Lucas Sales Co	P.O. Box 8506, Dallas, Tex	
Tex	Charles Lucas Sales Co	P.O. Box 8506, Dallas, Tex	

CARAD CORP — 3381 Junipero Serra Blvd. Palo Alto, Cal — DA1-6111
L Libby #10 *45 C 265-320-670-895-1135-1145-1340-1455-1855

Cal	McCarthy Associates	1055 E Walnut, Pasadena	MU1-7411
Conn	E R A Inc	340 Great Neck Rd. Great Neck, NY	HU2-9320
NJ	E R A Inc	340 Great Neck Rd. Great Neck, NY	HU2-9320
NY	E R A Inc	340 Great Neck Rd. Great Neck	HU2-9320

CARBOLINE CO — 32 Hanley Ind Ct, St. Louis 17, Mo — MI7-5795
R Rosenthal #12 *35 E 30-315-1240

Ala	Applied Engineering Sales Co	P.O. Box 2156, Mobile, Ala	3P3-1363
Alaska	S S Moore & Associates	2035 S.W. 58th Ave, Portland 1, Ore	CA2-3670
Ariz	Reeves & Co	334 W. 17th S. St, Salt Lake City, Utah	HU5-9864
Ark	Haynes Co	1215 E. 20th St, Tulsa 20, Okla	LU4-8748
Cal	T G Cullen	3718 Grand Ave, Oakland 10, Cal	GL2-5882
Cal	Marpar Co	1613 Pacific Coast Hwy, Hermosa Beach	FA1-2308
Colo	Alldredge & McCabe	847 E. 17th Ave, Denver 18, Colo	AL5-7496
Conn	Seymour J Fietsch	299 Madison Ave, New York 17, NY	MU7-2429
Fla	John J Parkinson	P.O. Box 10065, St. Petersburg, Fla	5-7778
Ga	Hocker Reid Co	PO Box 11754, Atlanta 5	CE7-9385
Hawaii	Vaughn O Morrison	149 Makaainan Pl, Kailua, Hawaii	255-555
Idaho	Reeves & Co	334 W. 17th S, Salt Lake City, Utah	HU5-9864
Ill	Don Stoltenberg	419 N. Ashland, Park Ridge, Ill	TA5-4132
Ind	Don Stoltenberg	419 N. Ashland, Park Ridge, Ill	TA5-4132
Iowa	Boillenkraft Co	3911 Leavenworth, Omaha 5, Neb	JA7840
Kan	Haynes Co	1215 E. 20th St, Tulsa 20, Okla	LU4-8748
La	Wm Crawford	6417 Kenmore Ave, Metairie, La	VE3-4593
La	O A Melvin	P.O. Box 14284, Houston 21, Tex	OL4-9514
Me	Edmund A J Mroz	17 Harrison St, Melrose 76, Mass	NO5-5898
Mass	Edmund A J Mroz	17 Harrison St, Melrose 76, Mass	NO5-5898
Mich	March Corp	23100 W. 8 Mile Rd, Southfield, Mich	KE3-3346
Miss	Applied Engineering Sales Co	P.O. Box 2156, Mobile, Ala	3P3-1363
Mo	Wm L Bernard	611 Olive St, St. Louis 1, Mo	CH1-4254
Mont	Reeves & Co	334 W. 17th S. St, Salt Lake City, Utah	HU5-9864
Neb	Boillenkraft Co	3911 Leavenworth, Omaha 5, Neb	JA7840
Nev	Reeves & Co	334 W. 17th S. St, Salt Lake City, Utah	HU5-9864
NH	Edmund A J Mroz	17 Harrison St, Melrose, Mass	NO5-5898
NJ	Wm H Bach	4 South Lake Dr, Red Bank, NJ	SH1-2315
NM	Alldredge & McCabe	847 E. 17th Ave, Denver 18, Colo	AL5-7496
NY	Seymour J Fietsch	299 Madison Ave, New York, NY	MU7-2429
NY	Plaso Eng Co	11120 Broadway, Alden	NT3-3528
NC	Lloyd E Parks	Wachovia Bank Bldg, Charlotte, NC	FR6-6873
Ohio	P H Kline & Associates	2036 E. 22nd St, Cleveland 15, Ohio	CH1-1171
Ohio	J P Ashburn	6914 Miami Rd, Cincinnati 27, Ohio	BR1-9040
Okla	The Haynes Co	1215 E. 20th St, Tulsa 20, Okla	LU4-8748
Ore	S S Moore & Associates	2035 S. W. 58th Ave, Portland 1, Ore	CA2-3670
RI	Edmund A J Mroz	17 Harrison St, Melrose, Mass	NO5-5898
SC	Lloyd E Parks	Wachovia Bank Bldg, Charlotte, NC	FR6-6873
Tenn	A G Brown & Co	440 Frazier Ave, Chattanooga, Tenn	AM7-8174
Tex	O A Melvin	P.O. Box 14284, Houston 21, Tex	OL4-9514
Utah	Reeves & Co	334 W. 17th S. St, Salt Lake City, Utah	HU5-9864
Vt	Edmund A J Mroz	17 Harrison St, Melrose, Mass	NO5-5898
Va	Atlas Mismico	3318 W. Carey St, Richmond 21, Va	EL8-4501
Wash	S S Moore & Associates	2035 S. W. 58th Ave, Portland 1, Ore	CA2-3670
W. Va	J P Ashburn	6914 Miami Rd, Cincinnati 27, Ohio	BR1-9040
Wisc	Don Stoltenberg	419 N. Ashland, Park Ridge, Ill	TA5-4132
Wyo	Alldredge & McCabe	847 E. 17th Ave, Denver 18, Colo	AL5-7496
Foreign	Oronzio DeNora	Impianti Elettrochimici, Milan, Italy	
Foreign	Sika Produits Et Travaux	D'Etanchéité, 164 Rue Faub. St. Honore, Paris	

CARBONNEAU INDUSTRIES INC — 100 Lexington Ave, S.W., Grand Rapids, Mich — GL6-9528
J Carbonneau 1675

Cal	J W Marsh Co	1485 Bayshore, San Francisco 24	JU7-4270
Cal	J W Marsh Co	4215 W. Jefferson Blvd, L A 16, Cal	RE2-0145
NY	S A Shaw Co	361 Central Park Ave, Yonkers, NY	YO3-5700
NY	L D Allen Co	115-117 Luther Ave, Syracuse, NY	GR1-3100
NY	L D Allen Co	1043 Walden Ave. Buffalo 11	TX5-6915

• CARBORUNDUM CO. REFRACTORIES DIV — Perth Amboy, NJ — HI2-3380
A Reilley F 05-50-240-345-380-410-575-620-625-660-715-750-800-820-885-895-900-905-1045-1120-1125-1135-1475-1545-1730-1755-1790-1875-1880-1890-1925-1960

Ala	Carborundum Co, The	5096 Peachtree Rd. NE, Chamblee, Ga	GL7-4457
Ariz	Carborundum Co., The	San Francisco, Cal	YO7-5571
Cal	Carborundum Co., The	2240 S Yates Ave. Los Angeles 22	RA3-0541
Colo	Carborundum Co., The	2240 S Yates Ave. Los Angeles 22, Cal	RA3-0541
Del	Carborundum Co., The	Bristol, Pa	ST8-5561
DC	Carborundum Co., The	Bristol, Pa	ST8-5561
Fla	Carborundum Co., The	5096 Peachtree Rd. NE, Chamblee, Ga	GL7-4457
Ga	Carborundum Co., The	5096 Peachtree Rd. NE, Chamblee	GL7-4457
Ill	Carborundum Co., The	3335 W 47th St. Chicago 32	LA3-7100
Ind	J D McKeown	Box 26041, Indianapolis 26	LI5-3192
Iowa	Carborundum Co., The	3335 W 47th St. Chicago 32, Ill	LA3-7100
Mass	Carborundum Co., The	333 River St. West Springfield	RE9-7361
Mich	Carborundum Co., The	11171 Lappin Ave. Detroit 34	LA1-3400
Mo	Carborundum Co., The	4429 Ridgewood Ave. St Louis 16	PL2-8600
NY	Carborundum Co., The	90 E 58th St. New York 22	PL5-1831
NY	Carborundum Co., The	Niagara Falls	BU5-6651
Ohio	Carborundum Co., The	24800 Lakeland Blvd. Cleveland 32	RE1-8600
Pa	Carborundum Co., The	Bristol	ST8-5561
Tex	C O Byrd	6296 Olympia Dr. Houston 27	SU2-1100
For	Carborundum Co. Ltd., The	Rainford, St Helens, Lancs. Eng	

CARBORUNDUM CO — Buffalo Ave. Dept EBG, Niagara Falls, NY — BU5-6631
*8200 G 05-240-895-1125-1475-1790-1925

Cal	Carborundum Co	2240 S Yates Ave. Los Angeles	RA3-4666
Cal	Carborundum Co	Alvarez Rd & Evelyn Ave, Mountain View	YO7-5571
Ga	Carborundum Co	5096 Peachtree Rd, N.E., Chamblee, Ga	GL7-4457
Ill	Carborundum Co	3335 W. 47th St, Chicago 32, Ill	LA3-7100
Mass	Carborundum Co	333 River St, West Springfield	RE9-7361
Mich	Carborundum Co	11171 Lappin Ave, Detroit 34, Mich	LA1-3400
Mo	Carborundum Co	4429 Ridgewood Ave, St. Louis 16, Mo	PL2-8600
NJ	Carborundum Co	34 Exchange Pl, Jersey City 2, NJ	HE4-2802
NY	Carborundum Co	2475 Walden Ave. Buffalo 25	NT4-3100
Ohio	Carborundum Co	24800 Lakeland Blvd, Cleveland 32, Ohio	RE1-8600
Pa	Carborundum Co	2500 Neville Rd, Pittsburgh 25, Pa	SP1-3740
Pa	Carborundum Co	Green Ln Rd, Bristol, Pa	ST8-5561
For	Carborundum Co	Geneva, Switzerland	

CARDINAL CONTROL CO., INC — 34 Meadow St, New Britain, Conn — BA5-3195
J Lewis, Jr #2 *25 C 1460

Colo	W E Young Co	2134 Curtis St, Denver	AC2-4841
Conn	D M Fraser Co	31 Pinetree Ridge, Meriden, Conn	BE7-7267
Ind	Cliff Hockenberg Assoc	106 S Woodward Ave, Birmingham, Mich	MI7-1172
Me	D M Fraser Co	31 Pinetree Ridge, Meriden, Conn	BE7-7267
Mass	D M Fraser Co	31 Pinetree Ridge, Meriden, Conn	BE7-7267
Mich	Cliff Hockenberg Assoc	106 S Woodward Ave. Birmingham	MI7-1172
NH	D M Fraser Co	31 Pinetree Ridge, Meriden, Conn	BE7-7267
RI	D M Fraser Co	31 Pinetree Ridge, Meriden, Conn	BE7-7267
Vt	D M Fraser Co	31 Pinetree Ridge, Meriden, Conn	BE7-7267
Wyo	W E Young Co	2134 Curtis St, Denver, Colo	AC2-4841
Canada	A Fred Penny	4500 Dundas St, W. Islington, Ont, Can	BE2-2957

CARDION ELECTRONICS INC — 65 Rushmore St. Westbury, NY — ED3-7800
J Stanley #10 *17 C 325-338-360-1395-1845-1870

CARDWELL CONDENSER CORP — 80 E. Montauk Hwy, Lindenhurst, NY — TU8-5200
220-1135

CARLING ELECTRIC INC — 505 New Park Ave, W. Hartford 10, Conn — AD2-4461
R Coughlin #5 *150 E 895-1735

Ala	Charles A Faithe	209 78th St, N., Birmingham 6, Ala	
Ariz	Paul F Raley Co	1632 Silverlake Blvd, L A 26, Cal	NO3-9229
Ark	Duane Hale	2633 Westminster Dr, Dallas, Tex	
Cal	Paul F Raley Co	1632 Silverlake Blvd, L A 26, Cal	NO3-9229
Cal	G M Howard Associates	1355 Sixth St, San Francisco 7, Cal	S.P.MA1-6759
Colo	A J Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	PE3-5528
Conn	Don M Fraser	31 Pinetree Ridge, Meriden, Conn	BE7-7267
Del	William Cordts	P.O. Box 109, Easton, Pa	BL2-8300
DC	William Cordts	P.O. Box 109, Easton, Pa	BL2-8300
Fla	Don De Jonge	995 N.W. 132nd St, Miami 50, Fla	MU1-1842
Ga	Charles A Faithe	209 78th St, N., Birmingham 6, Ala	
Idaho	A J Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	PE3-5528
Ill	Anthony N Gretz & Associates	5809 W. Montrose Ave, Chicago 34, Ill	SP7-9525
Ill	Don D Dannell & Co	Mission State Bk. Bldg, Mission, Kan	RA2-1736
Ind	Anthony N Gretz & Associates	5809 W. Montrose Ave, Chicago 34, Ill	SP7-9525
Ind	Robert O Whitesell & Assoc	6620 E. Washington, Indianapolis	FL9-5374
Iowa	Don D Dannell & Co	Mission State Bk. Bldg, Mission, Kan	RA2-1736
Kan	Don D Dannell & Co	Mission State Bk. Bldg, Mission	RA2-1736
Ky	Robert O Whitesell & Associates	6620 E. Washington, Indianapolis 19, Ind	FL9-5374
La	Duane Hale	2633 Westminster Dr, Dallas, Tex	
Me	Don M Fraser	31 Pinetree Ridge, Meriden, Conn	BE7-7267
Md	William Cordts	P.O. Box 109, Easton, Pa	BL2-8300
Mass	Don M Fraser	31 Pinetree Ridge, Meriden, Conn	BE7-7267
Mich	Michael's Industrial Controls	5460 Thurber, Birmingham, Mich	MI6-1626
Minn	Anthony N Gretz & Associates	5809 W. Montrose Ave, Chicago, Ill	SP7-9525
Mich	Robert O Whitesell & Associates	6620 E. Washington St, Indianapolis 19, Ind	
Minn	Anthony N Gretz & Associates	5809 W. Montrose Ave, Chicago 34, Ill	SP7-9525
Miss	Charles A Faithe	209 78th St, Birmingham 6, Ala	
Mo	Don D Dannell & Co	Mission State Bank, Mission, Kan	RA2-1736
Neb	Don D Dannell & Co	Mission State Bank Bldg, Mission, Kan	RA2-1736
Nev	Paul F Raley Co	1632 Silverlake Blvd, Los Angeles 26, Cal	NO3-9229
Nev	G M Howard Associates	1355 Sixth St, San Francisco 7, Cal	S.P.MA1-6759
NH	Don Fraser	31 Pinetree Ridge, Meriden, Conn	BE7-7267
NJ	William Cordts	P.O. Box 109, Easton, Pa	BL2-8300
NJ	Kaelber & Mack	One Park Ave, Manhasset, NY	MA7-6621
NM	A J Nelson Co	710 E. Louisiana Ave. Denver 10. Colo	PE3-5528
NY	Don Fraser	31 Pinetree Ridge, Meriden, Conn	BE7-7267
NY	William Cordts	P.O. Box 109, Easton, Pa	BL2-8300
NY	Kaelber & Mack	One Park Ave, Manhasset, NY	MA7-6621
NC	Don Hawthorne	Story Point, Greenwood, SC	GL1-2947
Ohio	John A Lambert Co	1447 Amberly Dr, Dayton, Ohio	TA6334
Okla	Duane Hale	2633 Westminster Dr, Dallas, Tex	
Pa	William Cordts	P.O. Box 109, Easton, Pa	BL2-8300
Pa	Tanner & Cowart	300 W. Lebanon Blvd, Pittsburgh, Ohio	LO1-5067
RI	Don Fraser	31 Pinetree Ridge, Meriden, Conn	BE7-7267
SC	Don Hawthorne	Story Point, Greenwood	GL1-2947
SD	A J Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	PE3-5528
Tenn	Charles A Faithe	209 78th St, N., Birmingham 6, Ala	
Tex	Duane Hale	2633 Westminster Dr, Dallas, Tex	
Utah	A J Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	PE3-5528
Vt	Don Fraser	31 Pinetree Ridge, Meriden, Conn	BE7-7267
Va	Don Hawthorne	Story Point, Greenwood, SC	GL1-2947
W.Va	Tanner & Cowart	300 W. Lebanon Blvd, Pittsburgh, Pa	LO1-5067
Wisc	Anthony N. Gretz & Associates	5809 W. Montrose Ave, Chicago 34, Ill	SP7-9525
Wyo	A J Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	PE3-5528
Foreign	Joseph A Gross Co	92 Liberty St, New York 6, NY	CO7-2[illegible]

CARMA MFG CO — 1879 Mollie Ave, Torrance, Cal — SP5-2221
J Gegnier #2 *20 C 20-40-320-465-1645-1735-1920

Ariz	Carma Aircraft Co	PO Box 11312, Tucson	MA3-4511
Cal	Catrepco	1417 Georgia St, L A 15	RI9-8485

CARMER INDUSTRIES INC — 22 N 26th St. Kenilworth, NJ — CH1-6500
T Corbett #2 *45 E 900-1290

Ariz	Selogram Plastics Co	14418 Ventura Blvd. Sherman Oaks, Cal	ST3-[illegible]
Ark	Plastic Molding Co. Inc	1136 E 37th St. Tulsa, Okla	RI7-7253
Cal	Selogram Plastics Co	14418 Ventura Blvd. Sherman Oaks	ST3-[illegible]
Colo	Selogram Plastics Co	14418 Ventura Blvd. Sherman Oaks, Cal	ST3-0808
Ill	Robinson Assoc	418 W Evergreen St. Chicago	MO4-1413
Ind	Reynolds Assoc	132 E 38th St. Indianapolis	WA3-8242
Kan	Plastic Molding Co. Inc	1136 E 37th St. Tulsa, Okla	RI7-7253
Ky	Reynolds Assoc	132 E 38th St. Indianapolis, Ind	WA3-8242
Mich	Plas-tronics, Inc	955 E Milwaukee, Detroit 2, Mich	TR2-7900
Minn	Service Tool & Eng Co	721 S 7th St. Minneapolis	FE9-5611
Mo	Plastic Molding Co. Inc	1136 E 37th St. Tulsa, Okla	RI7-7253
NM	Selogram Plastics Co	14418 Ventura Blvd. Sherman Oaks, Cal	ST3-[illegible]
NY	Northern Plastic Sales, Inc	Box 61, N Syracuse	OW9-5142
Ohio	Reynolds Assoc	132 E 38th St. Indianapolis, Ind	WA3-8242
Okla	Plastic Molding Co. Inc	1136 E 37th St. Tulsa, Okla	RI7-7253
Ore	Selogram Plastics Co	14418 Ventura Blvd. Sherman Oaks, Cal	ST3-[illegible]
Tex	Plastic Molding Co. Inc	1136 E 37th St. Tulsa, Okla	RI7-7253

CAROL CABLE DIV CRESCENT CO., INC — 20 Central Ave, Pawtucket, RI — PA2-3100
K R MacLean #5 *350 F 190-1960

Ark	James C Venable	524 Midland St, Little Rock, Ark	MO5-5749
Cal	Payne & Sloan Inc	1301 E 5th St, Los Angeles, Cal	OL7-0123
Ill	Gage & Co	818 Clinton Place, Evanston, Ill	UN4-6116
Ill	McNeil-Krause Sales Co	561 E. Illinois St, Chicago 11, Ill	WH3-5440
Ind	Warner, Kessler & Assoc	P O Box 338, S Whitley, Ind	350
Mo	Ralph Drenkhahn	5932 Nagel St, St Louis, Mo	CH1-4350
Mo	Schooler-Gorman Co	1224 W 9th St, Kansas City, Mo	VI2-0733
NY	Harold S Shapiro	112 E 19th St, NY	GR3-1491
NY	Homer L Lacock	15 Elmgrove Drive, Rochester, NY	LU6-8189
Ohio	Jubell Associates	3407 Warrensville Ct, Cleveland, Ohio	WA1-1490
Ohio	Lusty-Thaman Co	2140 Hamilton Ave, Cleveland, Ohio	MA1-[illegible]
Pa	Fred M Isenberg	457 N. 5th St, Philadelphia 23, Pa	WA5-6447
Tenn	Jones & Scoggins Inc	4711 Poplar Ave, Memphis, Tenn	MU2-6655
Tex	Maxson Co	703 Valencia St, Dallas 23, Tex	TA3-1739

CAROL ELECTRONICS CORP — 315 W. Stephen St, Martinsburg, W. Va — AM7-8911
E Rockbrod #20 *295 D 320-895-1340-1420-1475-1855

CAROLINA INDUSTRIAL PLASTICS CO — Mt. Airy, NC — ST6-2127
W Chapman #9 *200 E 1290-1960-1975

CARPENTER MFG CO., INC — Highbridge Rd, DeWitt 14, NY — GI6-0670
E Maloney #2 *8 B 05-1715-1960

Alas	Tri-State Supply Corp	325 Westlake Ave, N, Seattle 9, Wash	
Ariz	R J Sheehan Co	119 W Sahuaro St. Tucson	MA4-7383
Cal	Macdonald & Co	714 E California Ave. Glendale 6	CI2-7563
Colo	Western Empire, Inc	3385 S Santa Fe Dr, Englewood	SU9-3137
Conn	Dudley Bell	699 South Ave, Weston 93, Mass	CE5-2165
Del	David K Jones Co	31 E 21st St, Baltimore 18, Md	HO7-3766
DC	David K Jones Co	31 E 21st St. Baltimore 18, Md	HO7-3766
Fla	A L Pritchard Co	742-64th Ave. S, St Petersburg 5	OR1-7722
Ga	Brownell Distr of Atlanta, Inc	690 Murphy Ave SW, Atlanta	PL5-1581
Idah	Tri-State Corp	325 Westlake Ave N, Seattle 9, Wash	
Ind	Edwards-Lohse & Co	2123 E 9th St, Cleveland 15, Ohio	TO1-5753
Ky	Edwards-Lohse & Co	2123 E 9th St, Cleveland 15, Ohio	TO1-5753
Me	Dudley Bell	699 South Ave, Weston 93, Mass	CE5-2165
Md	David K Jones	31 E 21st St, Baltimore 18	HO7-3766
Mass	Dudley Bell	699 South Ave, Weston 93	CE5-2165
Mich	Cecil Grier	331 Greenlawn NE, Grand Rapids 5	
Minn	D A Schultz	831 8th St. SE, Mpls 14	FE9-7771
NH	Dudley Bell	699 South Ave, Weston 93, Mass	CE5-2165
NJ	Astro Sales Co	Box 53, Caldwell	CA6-[illegible]
NM	Western Empire, Inc	3395 S Santa Fe Dr, Englewood, Colo	SU9-3137
NY	Jerry Mahoney	202 Merriman Ave, Syracuse 4	GR5-3009
NY	Joseph Sprung Assoc	254 W 31st St, New York 1	LO5-1920

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
NC	Brownell Dist of Atlanta, Inc	680 Murphy Ave SW, Atlanta, Ga	PL5-1681
Ohio	Edwards-Lotus & Co	2123 E 9th St, Cleveland 15	TO1-5753
Ore	Tri-State Supply Corp	325 Westlake Ave N, Seattle 9, Wash	
Pa	Joseph A Schultz Co	530 [illegible] Ave, Pittsburgh 19	AT1-0511
RI	Dudley Bell	699 South Ave, Weston 93, Mass	CE5-2165
SC	Brownell Dist of Atlanta, Inc	680 Murphy Ave SW, Atlanta, Ga	PL5-1681
Utah	Western Empire, Inc	1985 S Santa Fe Dr, Englewood, Colo	SU9-3137
Vt	Dudley Bell	699 South Ave, Weston 93, Mass	CE5-2165
Va	David K Jones Co	31 E 21st St, Baltimore 18, Md	HO7-3766
Wash	Tri-State Supply Corp	325 Westlake Ave N, Seattle 9	
W Va	Edwards-Lotus & Co	2123 E 9th St, Cleveland 15, Ohio	TO1-5753
Wyo	Western Empire, Inc	1985 S Santa Fe Dr, Englewood, Colo	SU9-3137
Can	Boyle Engineering Ltd	Hunt St, Ajax, Ont	WH2-1020
For	L P Dacaro	141 W 55th St, New York 1, NY	CI6-0193
	CARPENTER STEEL CO	**101 W. Bern St, Reading Pa**	**FR4-8211**
	*3,000 G 112-1125-1805-1960		
Cal	Carpenter Steel Co	4423 E. District Blvd, LA 58	LU7-9131
Cal	Carpenter Steel Co	1530 Industrial Way, Belmont, Cal	LY3-3451
Conn	Carpenter Steel Co	136 Front St, Bridgeport 3, Conn	ED6-1105
Conn	Carpenter Steel Co	2294 Main St, Hartford 5, Conn	JA7-7174
Ga	Carpenter Steel Co	Murphy & Wolff Sts, S.W., Atlanta, Ga	JA3-6472
Ill	Carpenter Steel Co	4501 James Pl, Melrose Pk	MU1-3900
Ind	Carpenter Steel Co	3619 W. Washington St, Indianapolis 7	ME2-5401
Mich	Carpenter Steel Co	7170 E. McNichols Rd, Detroit 12, Mich	FO6-3400
Mo	Carpenter Steel Co	3942 Laclede Ave, St. Louis 8, Mo	OL2-6700
NJ	Carpenter Steel Co	1135 Globe Ave, Westfield, NJ	AD2-6600
NY	Carpenter Steel Co	3810 Union Rd, Buffalo 25, NY	NT4-7000
NY	Carpenter Steel Co	29-07 Bklyn-Queens Expwy, Woodside	RA1-9210
NY	Carpenter Steel Co	712 State Tower Bldg, Syracuse 2	HA2-0812
NY	Carpenter Steel Co	551 4th Ave, NY 17	OX7-1033
Ohio	Carpenter Steel Co	4801 W. 150th St, Cleve 35	CL2-2400
Ohio	Carpenter Steel Co	3601 Pacific Ave, Cincinnati 12, Ohio	RE1-9388
Ohio	Carpenter Steel Co	229 Leo St, Dayton 4, Ohio	BA4-7456
Ohio	Carpenter Steel Co	3034 Laskey Rd, Toledo 12, Ohio	GR4-8894
Pa	Carpenter Steel Co	Ft. Wash Industrial Pk, Ft. Wash, Pa	CH8-2500
Pa	Carpenter Steel Co	675 Greentree Rd, Pittsburgh 20, Pa	WA1-7755
RI	Carpenter Steel Co	60 Dudley St, Providence 5, RI	DE1-5789
Tex	Carpenter Steel Co	3511 Hall St, Dallas 19	LA6-8937
Tex	Carpenter Steel Co	2502 Broad St, Houston 17, Tex	OL4-6554
Wash	Carpenter Steel Co	1318 White Henry Stuart Bldg, Seattle 1	MU2-2157
Wisc	Carpenter Steel Co	4152 N. 38th St, Milwaukee 16, Wisc	UP3-0500
	CARPENTER STEEL CO. WEBB WIRE DIV	**New Brunswick, NJ**	**CH7-4668**
	1125-1960		
	CARR FASTENER CO DIV UNITED-CARR	**31 Ames St, Cambridge 42, Mass**	**KI7-4900**
	A Rice, Jr #24 *1,000 G 770-1205-1290-1545		
Ala	L G Hobbins	45 Eleventh St, N.E., Atlanta 5, Ga	TR4-3026
Ariz	F M McGinley	1709 W 8th St, Los Angeles 17, Cal	HU3-6810
Ark	W R McEwan	1500 Jackson St, Dallas, Tex	RI2-5811
Cal	F M McGinley	1709 W 8th St, Los Angeles 17	HU3-6810
Colo	F M McGinley	1709 W 8th St, Los Angeles 17, Cal	HU3-6810
Conn	G V Sweetman	378 Washington St, Wellesley Hills, Mass	CE5-7410
Del	G S Maynard, Jr	475 5th Ave, New York 17, NY	MU3-9356
DC	G S Maynard, Jr	475 5th Ave, New York 17, NY	MU3-9356
Fla	L G Hobbins	45 Eleventh St, N.E., Atlanta 5, Ga	TR4-3026
Ga	L G Hobbins	45 Eleventh St, N.E., Atlanta 5, Ga	TR4-3026
Idaho	K J Shomber	3rd & Columbia, Seattle, Wash	MA2-5821
Ill	S B Miles	35 E. Wacker Dr, Chicago 1, Ill	FR2-6893
Ind	S B Miles	35 E. Wacker Dr, Chicago 1, Ill	FR2-6893
Iowa	S B Miles	35 E. Wacker Dr, Chicago 1, Ill	FR2-6893
Kan	S B Miles	35 E. Wacker Dr, Chicago 1, Ill	FR2-6893
Ky	I G Bustamer	190 Colony Way, Louisville 7, Ky	TU5-1054
La	L G Hobbins	45 Eleventh St, N.E., Atlanta 5, Ga	TR4-3026
Me	G V Sweetman	378 Washington St, Wellesley Hills, Mass	CE5-7410
Md	G S Maynard, Jr	475 5th Ave, New York 17, NY	MU3-9356
Mass	G V Sweetman	378 Washington St, Wellesley Hills 81	CE5-7410
Mich	W L Trafton	2832 E. Grand Blvd, Detroit 11, Mich	TR3-9300
Minn	S B Miles	35 E. Wacker Dr, Chicago 1, Ill	FR2-6893
Miss	L G Hobbins	45 Eleventh St, N.E., Atlanta 5, Ga	TR4-3026
Mo	S B Miles	35 E. Wacker Dr, Chicago 1, Ill	FR2-6893
Mont	K J Shomber	3rd & Columbia, Seattle, Wash	MA2-5821
Neb	S B Miles	35 E. Wacker Dr, Chicago 1, Ill	FR2-6893
Nev	F M McGinley	1709 W 8th St, Los Angeles 17, Cal	HU3-6810
NH	G V Sweetman	378 Washington St, Wellesley Hills, Mass	CE5-7410
NJ	G S Maynard, Jr	475 5th Ave, New York 17, NY	MU3-9356
NM	F M McGinley	1709 W 8th St, Los Angeles 17, Cal	HU3-6810
NY	G S Maynard, Jr	475 5th Ave, New York 17, NY	MU3-9356
NC	L G Hobbins	45 Eleventh St, N.E., Atlanta 5, Ga	TR4-3026
ND	S B Miles	35 E. Wacker Dr, Chicago 1, Ill	FR2-6893
Ohio	F B Williams	2929 Euclid Ave, Cleveland 15	TO1-7557
Okla	W R McEwan	1500 Jackson St, Dallas, Tex	RI2-5811
Ore	K J Shomber	3rd & Columbia, Seattle, Wash	MA2-5821
Pa	G S Maynard, Jr	475 5th Ave, New York 17, NY	MU3-9356
RI	G V Sweetman	378 Washington St, Wellesley Hills, Mass	CE5-7410
SC	L G Hobbins	45 Eleventh St, N.E., Atlanta 5, Ga	TR4-3026
SD	S B Miles	35 E. Wacker Dr, Chicago 1, Ill	FR2-6893
Tenn	L G Hobbins	45 Eleventh St, N.E., Atlanta 5, Ga	TR4-3026
Tex	W R McEwan	1500 Jackson St, Dallas, Tex	RI2-5811
Utah	F M McGinley	1709 W 8th St, Los Angeles 17, Cal	HU3-6810
Vt	G V Sweetman	378 Washington St, Wellesley Hills, Mass	CE5-7410
Va	G S Maynard, Jr	475 5th Ave, New York 17, NY	MU3-9356
Wash	K J Shomber	3rd & Columbia, Seattle	MA2-5821
W Va	F B Williams	2929 Euclid Ave, Cleveland 15, Ohio	TO1-7557
Wisc	S B Miles	35 E. Wacker Dr, Chicago 1, Ill	FR2-6893
Wyo	F M McGinley	1709 W 8th St, Los Angeles 17, Cal	HU3-6810
	CARROLL PRESSED METAL INC	**133 Dewey St, Worcester, Mass**	**SW9-4116**
	1 Donahue Jr #2 *25 C 210-285-785-770-790-1190-1290-1295-1485-1980		
	CARRUTHERS & FERNANDEZ INC	**1501 Colorado Ave, Santa Monica, Cal**	**EX4-6768**
	320-330-365-895-1340-1645-1735-1920		
	CARSON MFG CO., INC.	**2424 E. 55th St, Indianapolis 20, Ind**	**CL1-9591**
	360-1855		
	CARSTEDT RESEARCH INC	**2501 E. 68th St, Long Beach 5, Cal**	**ME0-5821**
	M Erwin #3 *74 E 380		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	CARTER MFG CORP	**23 Washington St, Hudson, Mass**	**JO2-2206**
	R Hennessy 1330		
Ala	Specialized Electronic Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
Conn	Glenn M Hathaway Electronics Inc	Box 197, Canaan, Conn	TA4-7215
Del	Podevyn & Schmidt	207 Hackensack St, Wood-Ridge, NJ	GE8-2780
DC	Podevyn & Schmidt	207 Hackensack St, Wood-Ridge, NJ	GE8-2780
Fla	Specialized Electronic Corp	711 Magnolia Ave, Orlando, Fla	GA4-0433
Ga	Specialized Electronic Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
Ill	S C Blaser Co	2353 N. Cal Ave, Chicago 47, Ill	BR8-1220
Ind	S C Blaser Co	2353 N. Cal Ave, Chicago 47, Ill	BR8-1220
Me	Glenn M Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0380
Md	Podevyn & Schmidt	207 Hackensack St, Wood-Ridge, NJ	GE8-2780
Mass	Glenn M Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0380
Mich	Frank Villars	7008 Rosemary, Dearborn 6, Mich	LO3-1256
Minn	S C Blaser Co	2353 N. Cal Ave, Chicago 47, Ill	BR8-1220
Miss	Specialized Electronic Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
NH	Glenn M Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0380
NJ	Podevyn & Schmidt	207 Hackensack St, Wood-Ridge, NJ	GE8-2780
NY	Podevyn & Schmidt	420 Northern Blvd, Great Neck, NY	HU7-1173
NC	Specialized Electronic Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
Ohio	Frank Villars	7008 Rosemary, Dearborn 6, Mich	LO3-1256
Pa	Podevyn & Schmidt	207 Hackensack St, Wood-Ridge, NJ	GE8-2780
RI	Glenn M Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0380
SC	Specialized Electronic Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
Tenn	Specialized Electronic Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
Vt	Glenn M Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0380
Va	Podevyn & Schmidt	207 Hackensack St, Wood-Ridge, NJ	GE8-2780
Wisc	S C Blaser Co	2353 N. Cal Ave, Chicago 47, Ill	BR8-1220
	CARTER MOTOR CO	**2746 W. George St, Chicago 18, Ill**	**JU8-7700**
	R Carter #5 *100 E 365-550-915-1165		
Ala	Floyd Fausett	777 Pinehurst Terr, Atlanta, Ga	PL3-3104
Ala	Floyd Fausett Co	209-78th St, N., Birmingham, Ala	VE6-6801
Alaska	Northwestern Agencies	4120 First Ave, S., Seattle 4, Wash	MA3-8882
Ariz	Perlmuth Electronic Assoc	2859 E. Thomas Rd, Phoenix	AM6-4934
Ark	M F Klicpera	Box 3113, Houston, Tex	RI7-3380
Cal	Newman Putlat & Ewing	915 Terminal Way, San Carlos	LY1-0300
Cal	Perlmuth Electronics Associates	5057 W. Washington Blvd, L A 16, Cal	WE1-1041
Colo	Hyde Electronics Co	868 S. Lipan St, Denver, Colo	WE6-3456
Conn	Bahr Sales Co	Spring Valley Rd, Woodbridge	FU7-8712
DC	Lienau Co	5121 W Ridge Rd, Washington	
Fla	Fausett Co	11 White Ave, Bradenton	
Ga	Floyd Fausett Co	777 Pinehurst Terr, S.W., Atlanta, Ga	PL3-3104
Haw	Dougherty Enterprises	334 Ilimalia Loop, Kailua	252-966
Idaho	Hyde Electronics Co	868 S. Lipan St, Denver, Colo	WE6-3456
Ill	A G Erickson	4900 Main St, Skokie	OR6-0960
Ind	A G Erickson	4900 Main St, Skokie, Ill	OR6-0960
Iowa	Earl Boutell	6719 Meadow Ln, Kansas City, Mo	MI9-1072
Kan	Earl Boutell	6719 Meadow Ln, Kansas City, Mo	MI9-1072
Ky	Electro-Com	5554 Pearl Rd, Cleveland, Ohio	TU6-2404
La	M F Klicpera Co	Town House, Shreveport	423-3005
Me	Bahr Sales Co	Spring Valley Rd, Woodbridge, Conn	FU7-8712
Md	Charles Lienau Co	5427 Georgia Ave, Silver Spring	JU7-5488
Mass	Bahr Sales Co	35 Westfield Rd, Natick	OL3-3251
Mich	Lawrence F Zaffina Co	7361 Grand St, Detroit, Mich	MA1-3565
Minn	A J Warner Co	5023-29th Ave, S., Minneapolis, Minn	PA9-7371
Miss	M F Klicpera Co	Box 3113, Houston, Tex	RI7-3380
Mo	Earl Boutell Co	6719 Meadow Ln, Kansas City	MI9-1072
Mont	Hyde Electronics Co	868 S. Lipan St, Denver, Colo	WE6-3456
Neb	A J Warner Co	5023-29th Ave, S., Minneapolis, Minn	PA9-7371
Nev	Newman, Putlat, Ewing	915 Terminal Way, San Carlos, Cal	LY1-0300
NH	Bahr Sales Co	Bragg Hill Rd, New Durham	
NJ	O E M Sales	82 Shore Rd, Port Washington, NY	PO7-7700
NJ	H J Fairbanks Co	1615 Darby Rd, Havertown, Pa	GR2-2467
NM	Hyde Electronics Co	5706 Constitution Ave, Albuquerque	AM8-1111
NY	OEM Sales	82 Shore Rd, Port Washington	PO7-7700
NY	R W Mitscher Co	Ellicott Sq Bldg, Buffalo, NY	MA2517
NY	Centurex Sales Co	82 Shore Rd, Pt. Washington, NY	PO7-7700
NC	Floyd Fausett Co	Box 9857, Waughtown Sta, Winston-Salem	
ND	A J Warner Co	5023-29th Ave, Minneapolis, Minn	PA9-7371
Ohio	Electro-Com	5554 Pearl Rd, Cleveland	TU6-2404
Ohio	Electro-Com	627 Salem Ave, Dayton	CR8-4797
Okla	M F Klicpera Co	Box 3113, Houston, Tex	RI7-3380
Ore	Northwestern Agencies	2941 NW Quimby St, Portland	GA7-5204
Pa	Electro-Com	5554 Pearl Rd, Cleveland, Ohio	TU6-2404
Pa	H J Fairbanks Co	1615 Darby Rd, Havertown, Pa	GR2-2467
RI	Bahr Sales Co	Spring Valley Rd, Woodbridge, Conn	FU7-8712
SC	F Fausett Co	Stony Point, Greenwood	GL1-3637
SD	A J Warner Co	5023-29th Ave, S., Minneapolis, Minn	PA9-7371
Tenn	Floyd Fausett Co	777 Pinehurst Terr, S.W., Atlanta, Ga	PL3-3104
Tex	J T Chapman Co	1103 Lovers St, Dallas 7	RI8-3951
Tex	M F Klicpera Co	Box 3113, Houston, Tex	JA3-8481
Utah	Hyde Electronics Co	2803 Conrad St, Salt Lake City	IN7-5763
Vt	Bahr Sales Co	Spring Valley Rd, Woodbridge, Conn	FU7-8712
Va	Lienau Co	6532 Waxford Rd, Richmond	
Wash	Northwestern Agencies	4130 First Ave, Seattle, Wash	MA3-8882
W Va	Electro-Com	5554 Pearl Rd, Cleveland, Ohio	TU6-2404
Wis	A G Erickson	4900 Main St, Skokie, Ill	OR6-0960
Wyo	Hyde Electronics Co	868 S. Lipan St, Denver, Colo	WE6-3456
Canada	Charles W Pointon	66 Racine Rd, Rexdale, Ontario, Canada	CH7-8777
Foreign	Northwestern Agencies	4130 First Ave, Seattle, Wash	MA3-8882
Foreign	Carrington H Stone	205 W. Wacker Dr, Chicago, Ill	RA6-7725
	CARTER PARTS CO	**3401 Madison St, Skokie, Ill**	**OR4-0340**
	M Ebeling #2 *250 E 920-925-1315-1330-1735		
Ariz	Pacific Electro-Sales	6053 Whittier Blvd, Los Angeles 22, Cal	
Ark	Wyborny Sales Co	P O Box 17070, Dallas 1, Tex	EV1-4645
Cal	L H Harriss Sales Co	204 E Hillsdale Blvd, San Mateo	FI1-2909
Cal	Pacific Electro-Sales Co	6053 Whittier Blvd, Los Angeles 22	
Conn	Alexander Hubert	130 Westbourne Terr, Brookline, Mass	CO2-0027
Del	W Henry Cordray Sales Co	The Barclay Bldg, Bala Cynwyd, Pa	MO4-3344
DC	W Henry Cordray Sales Co	The Barclay Bldg, Bala Cynwyd, Pa	MO4-3344
Haw	L H Harriss Sales Co	204 E Hillsdale Blvd, San Mateo, Cal	FI1-2909
Ill	J M Rinaldi	331 Noyes, Evanston, Ill	
Ind	Herb Kirsch	LaFontaine	YU1-2811
Iowa	Thunderbird Engineering Sales	2826 Main St, Kansas City, Mo	WE1-9779
Kan	Thunderbird Engineering Sales	2826 Main St, Kansas City, Mo	WE1-9779
Ky	Herb Kirsch	LaFontaine, Ind	YU1-2811

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
La	Wyborny Sales Co	P O Box 17070, Dallas, Tex	EV1-4645
Me	Alexander Hubert	130 Westbourne Terr, Brookline, Mass	CO2-0027
Md	W Henry Cordray Sales Co	The Barclay Bldg, Bala Cynwyd, Pa	MO4-3344
Mass	A Hubert	130 Westbourne Terr, Brookline, Mass	
Mich	Rupert Bell	1676 Oxford, Grosse Pointe 36	TU4-0172
Mich	J M Rinaldi	331 Noyes, Evanston, Ill	AV3-0022
Minn	Ed Melius & Associates	2635 University Ave, St. Paul, Minn	
Mo	Thunderbird Engineering Sales	2826 Main St, Kansas City	WE1-9779
Neb	Thunderbird Engineering Sales	2826 Main St, Kansas City, Mo	WE1-9779
Nev	L H Harriss Sales Co	204 E Hillsdale Blvd, San Mateo, Cal	FI1-2909
NH	Alexander Hubert	130 Westbourne Terr, Brookline 46, Mass	CO2-0027
NJ	John W Richard & Co	Rt. 46, Pine Brook, NJ	
NJ	W Henry Cordray Sales Co	The Barclay Bldg, Bala Cynwyd, Pa	MO4-3344
NY	J V Costello	639 E. Warren St, Syracuse, NY	
NY	J W Richard Co	Rt 46, Pine Brook, NJ	CA6-[illegible]
NC	W Henry Cordray Sales Co	The Barclay Bldg, Bala Cynwyd, Pa	MO4-3344
ND	Ed Melius & Associates	2635 University Ave, St Paul 14, Minn	MI6-7991
Ohio	Jay Engineering Co	1721 E 3rd St, Dayton 3	CL3-2151
Okla	Wyborny Sales Co	P O Box 17070, Dallas 1, Tex	EV1-4645
Pa	W Henry Cordray Sales Co	The Barclay Bldg, Bala Cynwyd	MO4-3344
RI	Alexander Hubert	130 Westbourne Terr, Brookline 46, Mass	CO2-0027
SD	Ed Melius & Associates	2635 University Ave, St Paul 14, Minn	MI6-7991
Tex	Wyborny Sales Co	P O Box 17070, Dallas 1	EV1-4645
Vt	Alexander Hubert	130 Westbourne Terr, Brookline 46, Mass	CO2-0027
Va	W Henry Cordray Sales Co	The Barclay Bldg, Bala Cynwyd, Pa	MO4-3344
Wis	Lincoln, Hodges & Associates	5875 N Lincoln Ave, Chicago 45, Ill	LO1-7385
Wis	Ed Melius & Associates	2635 University Ave, St Paul 14, Minn	MI6-7991
	CARVIL TECHNICAL CERAMICS INC	**801 23rd St, Union City, NJ**	**UN3-2955**
	V Motto 120-135-175-240-345-380-675-900-905-1125-1545-1785-1890		
Cal	C H Mitchell Co	13974 Ventura Blvd, Sherman Oaks	ST8-1013
Cal	Bernard L Cahn Co	420 Market St, San Francisco	
Del	Moler-Billis Assoc	Box 240, Haddonfield, NJ	HA8-2440
DC	Moler-Billis Assoc	Box 240, Haddonfield, NJ	
Md	Moler-Billis Assoc	Box 240, Haddonfield, NJ	
Pa	Moler-Billis Assoc	Box 240, Haddonfield, NJ	
Va	Moler-Billis Assoc	Box 240, Haddonfield, NJ	
	CASCADE RESEARCH DIV, LEWIS & KAUFMAN ELECTRONICS CORP	**5245 San Fernando Rd W, L A 39, Cal**	**CH5-6966**
	J Jaffe #7 *40 E 1135		
Ariz	Jewett Co	Box 172, Scottsdale	WH5-9711
Cal	Ault Assoc	120 Santa Margarita Ave, Menlo Park	DA6-1760
Ill	Engineered Sales	4738 N Harlem Ave, Chicago 31	UN7-8434
Mass	T Kennedy Co	39 Forest Rd, Wakefield	CR6-5532
Mo	Thomson Engineering Service	8200 Forsyth Blvd, St Louis 5	PA7-7705
NJ	Houser Assoc	389 Water St, Perth Amboy	HI2-0159
NY	John Dibiasi Assoc	90 Main St, Port Washington	PO7-0470
NY	John B Lightstone Engrng Reps	515 Comstock Ave, Syracuse 10	GR5-6704
Ohio	Thomco Electronic Co	Box 182 N Sta, Dayton 4	RE3-3551
Tex	Thomson Eng Service	2520 Oak Lawn, Dallas 19	LA6-8741
Can	Microwave Systems	47 Crockford Blvd, Scarborough, Ont	PL5-0763
For	Radiotronix Communications Lab, Inc	741 Washington St, New York 14, NY	AL5-8900
For	Henley & Co, Inc	202 E 44th St, New York 17, NY	YU6-5544
	CAST OPTICS CORP	**123 S. Newman St, Hackensack, NJ**	**HU9-4000**
	E 1290-1295		
	CASWELL ELECTRONICS CORP	**414 Queens La, San Jose 12, Cal**	**CY7-9333**
	D Caswell #4 *15 B 1135-1145		
Cal	R W Thompson Associates	814 N San Antonio Rd, Palo Alto	DA1-6383
Conn	Fred R Lesser	14 Victoria St, Manchester, NH	NA2-3464
Fla	DuBovy Associates	410 N Orange Ave, Orlando	CH1-1694
Me	Fred R Lesser	14 Victoria St, Manchester, NH	NA2-3464
Mass	Fred R Lesser	14 Victoria St, Manchester, NH	NA2-3464
NH	Fred R Lesser	14 Victoria St, Manchester	NA2-3464
NJ	F & F Associates	15 Dorchester Rd, Emerson, NJ	CO2-4601
NY	F & F Associates	297 Cherry Pl, E. Meadow, NY	MU7-6477
NY	Naylor Electric Co., Inc	1718 Erie Blvd, E. Syracuse 3, NY	GR2-9183
NY	F & F Associates	15 Dorchester Rd, Emerson, NJ	CO2-4601
Ore	Harry Levinson Co	1211 E Denny Way, Seattle 22, Wash	EA3-5100
RI	Fred R Lesser	14 Victoria St, Manchester, NH	NA2-3464
Vt	Fred R Lesser	14 Victoria St, Manchester, NH	NA2-3454
Wash	Harry Levinson Co	1211 E Denny Way, Seattle 22	EA3-5100
	CATALYST RESEARCH CORP	**6101 Falls Rd, Baltimore 9, Md**	**DR7-7100**
	A McDearmon #20 *250 E 70-315-900		
	CAVITRON ELECTRON OSCILLATOR DIV SHORT WAVE PLASTIC FORMING CO	**355 N. Newport Blvd, Newport Beach, Cal**	**LI8-6123**
	R Chappelle #2 *5 A 820-895-1215		
	CELANESE POLYMER CORP	**744 Broad St, Newark 2, NJ**	**MI2-6800**
	C Feltz G 1290		
Cal	K W Reed	3460 Wilshire Blvd, L A 5	DU5-9487
DC	C W Hayes	1026 - 17th St, N.W., Washington, DC	Executive
Ill	P J Dunn, Jr	6751 W Touhy Ave, Chicago 48	SP5-4210
Mass	J P Brennan	12 Main St, Leominster	KE4-8346
Mich	W C Erkeh	17000 W Eight Mile Rd, Southfield	KE4-4544
Mo	J E Lynch	200 S. Bemiston Ave, St. Louis 5, Mo	VO3-3421
NY	J M Vaughan	180 Madison Ave, New York	MU9-6000
Ohio	A W Stickney	1422 Euclid Ave, Cleveland 15, Ohio	CH1-0000
Foreign	Amcel Co., Inc	180 Madison Ave, New York 16, NY	MU9-6000
•	**CELCO CONSTANTINE ENGINEERING LABS CO**	**P.O. Box 555, Mahwah, NJ**	**DA7-1123**
	P Constantine #8 *125 E 320-895-1165-1340-1855-1995		
Cal	Robert Reese	1157 E 8th St, Upland	YU2-0215
	CENTIMEG ELECTRONICS	**312 E Imperial Hwy, El Segundo, Cal**	**SP2-1832**
	W Connolly #3 *5 A 365-895-1135-1425-1870		
Cal	Connelly Sales Co	14579 Alondra Dr, La Mirada	[illegible]
	CENTRAL COIL CO	**1722 N. Loett St, Indianapolis, Ind**	**ME2-6344**
	30-45-320-450-900		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	CENTRAL DYNAMICS LTD	**147 Hymus Blvd, Pte Claire, Quebec, Can**	**OX7-0810**
	P Wheatley #5 *52 B 895-1340-1740		
Canada	Aeromotive Engrg Products Ltd	147 Hymus Blvd, Pte Claire, Quebec, Can	OX7-[illegible]
Canada	Aeromotive Engrg Products Ltd	1912 Avenue Rd, Toronto, Ontario, Canada	RU3-42[illegible]
	CENTRAL ELECTRONIC MFRS DIV OF NUCLEAR CORP OF AMERICA	**2 Richwood Pl, Denville, NJ**	**OA7-4200**
	D Eisenegle #24 *116 E 895-1135-1880		
Cal	R W Thompson & Assoc	814 N San Antonio Rd. Palo Alto	DA1-6383
Cal	R W Thompson & Assoc	11[illegible] Wilshire Blvd. Los Angeles 17	HU[illegible]
Colo	Applied Engineering Prod Co	405 Felt Bldg, Salt Lake City 11, Utah	EM4-4942
Conn	George J Neuman & Co	104 Pilgrim Rd, Wellesley, Mass	CE5-5353
Del	Eastern Instrumentation	613 Cheltenham Ave, Philadelphia 26, Pa	WA7-6269
DC	Eastern Instrumentation	808 Ingleside Ave, Baltimore 28, Md	RI4-3675
Fla	Wm J Brinkley Co	4501 4th St. N, St Petersburg	HE6-1014
Idaho	Applied Engineering Prod Co	405 Felt Bldg, Salt Lake City 11, Utah	EM4-4942
Ill	Charles Rossi Sales	2429 N 73rd Ave. Chicago 35	GL6-4710
Iowa	Charles Rossi Sales Co	2429 N 73rd Ave. Chicago 35, Ill	GL6-4710
Kan	Gordon Fixman	8[illegible]0 Stanford Ave, St. Louis, Mo	PA5-5219
Kan	Gordon Fixman Eng Co	[illegible] Stanford Ave. St Louis 30, Mo	PA5-5219
Me	George J Neuman & Co	104 Pilgrim Rd, Wellesley, Mass	CE5-5353
Md	Eastern Instrumentation	808 Ingleside Ave, Baltimore 28	RI4-3675
Mass	George J Neuman & Co	104 Pilgrim Rd, Wellesley, Mass	CE5-5353
Mo	Gordon Fixman	[illegible] Stanford Ave, St. Louis, Mo	PA5-5219
NH	George J Neuman & Co	104 Pilgrim Rd, Wellesley, Mass	CE5-5353
NJ	Eastern Instrumentation	613 Cheltenham Ave. Philadelphia 26, Pa	WA7-6269
NJ	Peterson-Rudnick Assoc	484 Clifton Ave. Newark 4	HU5-8936
NM	Applied Engineering Prod Co	405 Felt Bldg. Salt Lake City 11, Utah	EM4-4942
NY	Peterson-Rudnick Assoc	70 Prospect Park W, Brooklyn 15	HY9-9425
NY	Stuart F Foster	104 Southfield Dr, Fayetteville	NE7-6137
Pa	Eastern Instrumentation	613 Cheltenham Ave, Philadelphia 26	WA7-6269
RI	George J Neuman & Co	104 Pilgrim Rd, Wellesley, Mass	CE5-5353
Utah	Applied Engineering Products Co	405 Felt Bldg, Salt Lake City 11	EM4-4942
Vt	George J Neuman & Co	104 Pilgrim Rd, Wellesley, Mass	CE5-5353
Va	Eastern Instrumentation	808 Ingleside Ave. Baltimore 28, Md	RI4-3675
Wis	Charles Rossi Sales Co	2429 N 73rd Ave. Chicago 35, Ill	GL6-4710
Wyo	Applied Eng Prods Co	405 Felt Bldg. Salt Lake City 11, Utah	EM4-4942
For	A Rocke Intercontinental Corp	333 E 46th St. New York 17, NY	YU6-2244
	CENTRAL ELECTRONICS INC	**1247 W. Belmont Ave, Chicago 13, Ill**	**EA7-7460**
	895-955-1870		
	CENTRAL PORCELAIN CO	**P.O. Box 42, Columbiana, Ohio**	**IV2-3313**
	G Hak #1 *10 A 345		
Cal	Weingart & Lustig	1567 E. 25th St, Los Angeles 11, Cal	AD3-4111
Ill	J P Sutton & Son Inc	3919 Wesley Terr, Schiller Park, Ill	NA5-8383
Ohio	Wm A Hawkins Inc	2140 Scranton Rd, Cleveland 13, Ohio	MA1-2883
Pa	Springel Sales Co	325 W. Franklin, Philadelphia 6, Pa	WA5-7631
Canada	E L LaMountain & Co	4[illegible] Melrose Ave, Montreal 28, Canada	HU4-9[illegible]
	CENTRAL SCIENTIFIC CO, DIV CENCO INSTRUMENTS INC	**1700 Irving Park Rd, Chicago 13, Ill**	**WE5-8600**
	P Dunne #12 *500 G 165-465-895-900-1215-1375-1890		
Ala	Central Scientific Co	3232 Eleventh Ave, N., Birmingham, Ala	
Cal	Central Scientific Co of Cal	64[illegible] Telegraph Rd, Los Angeles, Cal	
Cal	Central Scientific Co of Cal	1040 Martin Ave, Santa Clara, Cal	
Mass	Central Scientific Co	160 Washington St, Somerville	
NJ	Central Scientific Co	237 Sheffield St, Mountainside, NJ	
For	Cenco S A.	[illegible]weg 40, Breda, The Netherlands	
Canada	Central Scientific Co	146 Kendall Ave, Toronto, Ontario, Canada	
	CENTRAL SCREW CO	**3501 S. Shields Ave, Chicago 9, Ill**	**BO8-6000**
	R Monson #4 *500 F 1205-1535		
Ala	Peirson-Deakins Co	3606 Tennessee Ave. Huntsville	AM6-6321
Alas	H Boex	P O Box 945, Oakland, Cal	TE6-2650
Ariz	Central Screw Co	2901 S. Tanager Ave, Los Angeles, Cal	RA3-9666
Ark	F H Marten	1110 Berchman Ln. Florissant, Mo	UN4-6986
Cal	Central Screw Co	2901 S. Tanager Ave, Los Angeles, Cal	RA3-9666
Colo	Carols W Stone Co	2003 Parley's Canyon, SLC, Utah	HU4-8495
Conn	Richard E Lillie	29 Goldman Ave. N Dartmouth, Mass	WY6-1950
Del	R Brosius	1617 Pennsylvania Blvd, Philadelphia, Pa	LO3-6524
DC	E Brown	1316 Robinson Ave, Havertown, Pa	SU9-6841
Fla	H Hoffner	P.O. Box 4346, Jacksonville, Fla	EV9-2220
Ga	H Hoffner	P.O. Box 4346, Jacksonville, Fla	EV9-2220
Hawaii	Hal Boex	P.O. Box 945, Oakland, Cal	
Idaho	Carlos W Stone Co	2003 Parley's Canyon, SLC, Utah	HU4-8495
Ind	Central Screw Co	3501 S. Shields Ave, Chicago	BO8-6000
Iowa	J A & R J Clancey Co	3527 Broadway, Kansas City, Mo	WE1-3090
Kan	J A & R J Clancey Co	3527 Broadway, Kansas City, Mo	WE1-3090
Ky	Richard Stratton	[illegible] Chatham Rd, Louisville, Ky	GL4-7952
La	W L Hughes	411 Marine Bldg, New Orleans, La	JA5-0679
Me	Roger Gilbert	Old Walpole Rd, Keene, NH	EL2-5135
Md	R Brosius	1617 Pennsylvania Blvd, Philadelphia, Pa	LO3-6524
Md	E Brown	1316 Robinson Ave, Havertown, Pa	SU9-6841
Mass	J Dinkel	18 Eastern Ave. Keene, NH	EL2-4150
Mich	Ed Stazak	Central Screw, Chicago, Ill	BO8-6000
Minn	Vincent Brass Screw & Bolt Co	124 12th St, Minneapolis, Minn	BR5145
Miss	W L Hughes	411 Marine Bldg, New Orleans, La	JA5-0679
Mo	F H Marten	1110 Berchman Ln, St. Louis, Mo	UN4-6986
Neb	J A & R J Clancey	3527 Broadway, Kansas City, Mo	WE1-3090
Nev	Central Screw Co	2901 S. Tanager Ave, Los Angeles, Cal	RA3-9666
NH	Roger Gilbert	Old Walpole Rd, Keene, NH	EL2-5135
NJ	R Brosius	1617 Pennsylvania Blvd, Philadelphia, Pa	LO3-6524
NY	R S Christie & Co	175 Fifth Ave, New York, NY	GR7-4226
NC	H Hoffner	P.O. Box 4346, Jacksonville, Fla	EV9-2220
ND	Vincent Brass Screw & Bolt Co	124 12th St, Minneapolis, Minn	BR5145
Ohio	Jack Eherman	1032 W Spring St. Lima	CA4-7931
Ohio	Harry Leitch	2936 Corydon Rd, Cleveland Hghts, Ohio	YE2-1476
Okla	J A & R J Clancy Co	3527 Broadway, Kansas City, Mo	WE1-3090
Pa	W P Jones	P O Box 10566, Pittsburgh 35	CH2-1010
Pa	R Brosius	1617 Pennsylvania Blvd, Philadelphia, Pa	LO3-6524
Pa	E Brown	1316 Robinson Ave, Havertown, Pa	SU9-6841
RI	Richard E Lillie	25 Goldman Ave, N Dartmouth, Mass	WY6-1950
SC	H Hoffner	P.O. Box 4346, Jacksonville, Fla	EV9-2220
SD	Vincent Brass Screw & Bolt Co	124 12th St, Minneapolis, Minn	BR5145
Tex	Ronald Larsen & Co	P.O. Box 20057, Houston, Tex	MA1915
Utah	Carlos W Stone	2003 Parley's Canyon Blvd. Salt Lake City	HU4-8495
Va	E Brown	1316 Robinson Ave, Havertown, Pa	SU9-6841
W.Va	E Brown	1316 Robinson Ave, Havertown, Pa	SU9-6841
	CENTRAL TRANSFORMER CO	**900 W Jackson Blvd. Chicago 7, Ill**	**TA9-1936**
	F Gallagher #3 *50 D 320-895-1135-1855		
Ala	L R Massey Co	304 E Jefferson, Greenwood, Miss	GL3-3038
Ariz	M B Gilbert Co., Inc	4037 Dennock Ave. Los Angeles, Cal	SP6-0371
Cal	M B Gilbert Co., Inc	4037 Dennock Ave. Los Angeles	SP6-0371
Conn	Bordewieck Engineering Sales Co	221 Grove St, Braintree, (Boston 85) Mass	VI3-0845
DC	Ansell Engineering Co	880 Bonifant St, Silver Spring, Md	JU8-4222
Fla	L R Massey Co	304 E Jefferson St. Greenwood, Miss	GL3-3038
Ga	L R Massey Co	304 E Jefferson St. Greenwood, Miss	GL3-3038
La	L R Massey Co	304 E Jefferson St. Greenwood, Miss	GL3-3038
Me	Bordewieck Engineering Sales Co	221 Grove St, Braintree (Boston 85), Mass	VI3-0845
Md	Ansell Engineering Co	880 Bonifant St. Silver Spring	JU8-4222
Mass	Bordewieck Engineering Sales Co	221 Grove St, Braintree (Boston 85), Mass	VI3-0845
Miss	L R Massey Co	304 E Jefferson St. Greenwood	GL3-3038
Nev	M B Gilbert Co	4037 Dennock Ave. Los Angeles, Cal	SP6-0371
NH	Bordewieck Engineering Sales Co	221 Grove St, Braintree (Boston 85), Mass	VI3-0845
NJ	George Weiland	76-45 [illegible] St, Flushing 66, NY	OL8-4061
NM	M B Gilbert Co	4037 Dennock Ave. Los Angeles, Cal	SP6-0371
NY	George Weiland	76-45 [illegible] St, Flushing 66, NY	OL8-4061
NY	William Richter Corp	107 Dolores Terrace S, N Syracuse	GL4-1061
RI	Bordewieck Engineering Sales Co	221 Grove St, Braintree (Boston 85), Mass	VI3-0845
SC	L R Massey Co	304 E Jefferson St. Greenwood, Miss	GL3-3038
Tenn	L R Massey Co	304 E Jefferson St. Greenwood, Miss	GL3-3038
Vt	Bordewieck Engineering Sales Co	221 Grove St, Braintree (Boston 85), Mass	VI3-0845
Va	Ansell Engineering Co	880 Bonifant St. Silver Spring, Md	JU8-4222
Wash	Ansell Engineering Co	880 Bonifant St. Silver Spring, Md	JU8-4222
W Va	Ansell Engineering Co	880 Bonifant St. Silver Spring, Md	JU8-4222
•	**CENTRALAB ELECTRONICS DIV GLOBE UNION INC**	**914Y E. Keefe Ave, Milwaukee 1, Wisc**	**WO2-9200**
	B Vinkemulder #380 *1200 E 120-220-240-715-895-900-905-1150-1330-1545-1735-1875-1890		
Ala	Al S Engleman Co	3205 Crump Ave, Memphis, Tenn	GL8-6263
Ariz	Walter S Harmon Co	Box 1380, Beverly Hills, Cal	OL2-5616
Ark	Al S Engleman Co	3205 Crump Ave, Memphis, Tenn	GL8-6263
Ark	Robert E Nesbitt	1925 Cedar Springs, Dallas, Tex	RI7-5824
Cal	Logan Sales Co	150 8th St, San Francisco, Cal	HE1-[illegible]92
Cal	Walters S Harmon Co	Box 1380, Beverly Hills, Cal	OL2-5616
Colo	McLoud & Raymond Co	5403 E. Evans Ave, Denver	SK6-1589
Conn	Stanley A Harris Co	1241 Highland Ave, Needham, Mass	HI4-4780
Del	S K MacDonald Co	1531 Spruce St, Philadelphia, Pa	KI5-1205
DC	S K MacDonald Co	1531 Spruce St, Philadelphia, Pa	KI5-1205
Fla	Frank Nickerson	626 Medlock Rd, Decatur, Ga	ME6-2752
Fla	Al S Engleman	3205 Crump Ave, Memphis, Tenn	GL8-6263
Ga	Frank Nickerson	626 Medlock Rd, Decatur, Ga	ME6-2752
Haw	Jim Hastie Sales Co	235 Cooke St. Honolulu	507-171
Idaho	McCloud & Raymond Co	5403 E. Evans Ave, Denver, Colo	SK6-1589
Idaho	J J Backer Co	221 W. Galer St, Seattle, Wash	AT3-6470
Ill	Earl T Champion	6459 N Sheridan Rd, Chicago	AM2-3565
Ill	Fred L Tiegs	5308 W Diversey Ave, Chicago 39	AV6-5366
Ill	Jerry Vrbik	419 3rd St, S.E., Cedar Rapids, Iowa	EM5-0461
Ill	Theodore B Lowell	Creve Coeur Br, Box 26, St Louis, Mo	MI7-1111
Ind	Les M Devoe	4010 Washington Blvd, Indianapolis	AT3-1395
Ind	Earl T Champion	6459 W. Sheridan, Chicago, Ill	AM2-3565
Iowa	Jerry Vrbik	419 3rd St, S.E., Cedar Rapids	EM5-0461
Kan	George Kangas Sales Co	10906 W. 89th St, Overland Park	TU8-5213
Ky	Les M Devoe Co	4010 Washington Blvd, Indianapolis, Ind	AT3-1395
La	Al S Engleman Co	3205 Crump Ave, Memphis, Tenn	GL8-6263
La	Robert E Nesbitt	1925 Cedar Springs, Dallas, Tex	RI7-5824
Me	Stanley A Harris Co	1241 Highland Ave, Needham, Mass	HI4-4780
Md	S K MacDonald Inc	1531 Spruce St, Philadelphia, Pa	KI5-1205
Mass	Stanley A Harris Co	1241 Highland Ave, Needham	HI4-4780
Mich	R C Merchant	18411 W. McNichols Rd, Detroit, Mich	KE5-6000
Minn	Hamilton & Bayle	3359 Republic Ave, Minneapolis 26	WE9-7891
Miss	Al S Engleman	3205 Crump Ave, Memphis, Tenn	GI8-6263
Mo	Theodore B Lowell	Creve Coeur Br. Box 26, St Louis	MI7-1111
Mo	G Kangas Sales Co	10906 W. 89th St, Overland Park, Kan	TU8-5213
Mont	McLoud & Raymond	5403 E. Evans, Denver, Colo	SK6-1589
Mont	Jas J Backer Co	221 W. Galer St, Seattle, Wash	AT3-6470
Neb	Jerry Vrbik	419 3rd St, S. E., Cedar Rapids, Iowa	EM5-0461
Neb	McLoud & Raymond	5403 E. Evans, Denver, Colo	SK6-1589
Nev	Logan Sales Co	150 8th St, San Francisco, Cal	HE1-[illegible]92
NH	Stanley A Harris Co	1241 Highland Ave, Needham, Mass	HI4-4780
NJ	George P Marron	712 Norman Pl, Westfield	AD2-9448
NJ	David P Galasso	382 Franklin Ave. Nutley 10	NO1-1300
NJ	Jerome Bresson	246 Haverford Ave, Narbeth, Pa	GR7-3800
NM	McLoud & Raymond	5403 E. Evans, Denver, Colo	SK6-1589
NY	Wilson H Zimmerman	112 Dewitt, Syracuse 3	GR4-4889
NY	David P Galasso	382 Franklin Ave, Nutley 10, NJ	NO1-1300
NY	Leroy & McGuire Inc	RD 2, Phelps, Amsterdam	KI[illegible]
NC	Frank Nickerson	626 Medlock Rd, Decatur, Ga	ME6-2752
ND	Hamilton & Bayle	3359 Republic Ave, Minneapolis 26, Minn	WE9-7891
Ohio	Les M Devoe Co	4010 Washington Blvd, Indianapolis, Ind	AT3-1395
Ohio	Allen Nace Co	Box 146, Brecksville	JA6-4323
Okla	Robert E Nesbitt	1925 Cedar Springs, Dallas, Tex	RI7-5824
Ore	Jas J Backer Co	221 W. Galer St, Seattle, Wash	AT3-6470
Pa	Allen Nace	Box 146, Brecksville 41, Ohio	JA6-4323
Pa	S K MacDonald Inc	1531 Spruce St, Philadelphia, Pa	KI5-1205
Pa	Jerome Bresson Associates	246 Haverford Ave, Narbeth	GR7-3800
RI	Stanley A Harris Co	1241 Highland Ave, Needham, Mass	HI4-4780
SC	Frank Nickerson	626 Medlock Rd, Decatur, Ga	ME6-2752
SD	Hamilton & Bayle	3359 Republic Ave, Minneapolis 26, Minn	WE9-7891
Tenn	Al S Engleman	3205 Crump Ave, Memphis, Tenn	GL8-6263
Tex	Robert E Nesbitt	1925 Cedar Springs, Dallas	RI7-5824
Utah	McLoud & Raymond	5403 E. Evans, Denver, Colo	SK6-1589
Vt	Stanley A Harris Co	1241 Highland Ave, Needham, Mass	HI4-4780
Va	S K MacDonald Inc	1531 Spruce St, Philadelphia, Pa	KI5-1205
Wash	James J Becker Co	221 W. Galer St, Seattle, Wash	AT3-6470
W.Va	S K MacDonald Inc	1531 Spruce St, Philadelphia, Pa	KI5-1205
Wis	Hamilton & Bayle	3359 Republic Ave, Minneapolis 26, Minn	WE9-7891
Wis	Earl T Champion	6459 N Sheridan Rd, Chicago, Ill	AM2-3565
Wyo	McLoud & Raymond	5403 E. Evans, Denver, Colo	SK6-1589
Canada	Centralab Canada Ltd	Box 400, Ajax, Ontario, Canada	AJ[illegible]
Canada	D E McLennan	1624 W. 3rd Ave, Vancouver 9, B C, Can	BA9251
	CENTRE CIRCUITS, INC	**Box 165, 1101 N Atherton St. State College, Pa**	**AD8-0514**
	R Miller #10 *35 C 1075		
Cal	James S Heaton Co	413 Lathrop St, Redwood City	
Cal	Lectronics, Inc	9703 Atlantic Ave, Southgate	
Cal	Rantec Mfg Co	1779 N Main St, L A	CA3-1071
Colo	Chemical Sales Co	1125 7th St. Denver	KE4-8148
Ill	General Plate Makers Supply Co	5441 N Kedzie Ave, Chicago	[illegible]-2411
Mass	Etchomatic, Inc	182 Newton St, Waltham 54	TW3-[illegible]
Minn	T K Gray, Inc	2412 S 6th St, Mpls	FE2-[illegible]
Mo	Davies Supply & Mfg Co	4160 Meramec, St Louis	MO4-[illegible]
Mo	Davies Supply & Mfg Co	814 W Farrington St, Kansas City	
NY	Printed Circuit Equip & Supply Corp	157 Chambers St, New York 7	RE2-9340
Pa	Howard C Grange Co, Inc	Glenside & Rices Mill Rd, Wyncote	CA4-1740
Tex	Davies Supply & Mfg Co	2547 Farrington St, Dallas 7	
Utah	Rowley-Bouwette, Inc	355 Folsom Ave, Salt Lake City	DA2-2041
Wash	Paramount Technical Agency	9210 24th St NW, Seattle	SU4-6447
Can	Toronto Type Foundry Co, Ltd	120 Wellington St W, Toronto, Ont	EM6-7991
	CENTRONIX INC	**4000 N.W. 28th St, Miami 42, Fla**	**NE3-2505**
	338-895		
	CENTURY ELECTRIC CO	**1806 Pine St, St Louis 3, Mo**	**CE1-4920**
	N Nave #100 *1750 G 535-895-1165		
Cal	F Hatfield	681 Market St, San Francisco 5, Cal	SU1-2070
Cal	J J Frye	1055 Industrial St, Los Angeles 1, Cal	MA7-[illegible]26
Colo	M Mueller	1644 Blake St, Denver 2, Colo	AC2-3515
Conn	J Hoffberger	411 Cryowerd Bldg, Hartford 3, Conn	CH[illegible]
Fla	R McNeely	1 Duval Bldg, Jacksonville 6, Fla	EL3-1162
Ga	B G Biggs	3133 Maple Dr NE, Atlanta 5, Ga	237-3322
Ill	W Schiff	6635 W Higgins Rd, Chicago 31, Ill	SP4-[illegible]
Ind	R Bixler	715 Ind Life Bldg, Indianapolis 4, Ind	ME7-8733
Iowa	R Emo	201 Plaza Bldg, Bettendorf, Iowa	5-4775
La	E Reed	501 N. St. Patrick St, New Orleans 19,	GA3101
Md	R Jethro	2019 Maryland Ave, Baltimore 18, Md	BE5-3529
Mass	D Schacht	145 Sumner St, Boston 10, Mass	LI2-3470
Mich	R Kelly	300 Monroe Ave, N.W., Grand Rapids 2,	GL4-5[illegible]
Mich	D E Shaw	620 New Center Bldg, Detroit 2	TR1-0260
Minn	M Tollefson	609 Calhoun Commercial Bldg, Mnpls 8,	TA7-2575
Mo	T Witt	220 Plaza Theatre Bldg, Kansas City 12,	VA1-4161
Neb	G Hodgkins	619 City Nat'l Bank Bldg, Omaha, Neb	AT1574
NY	N Bochovich	1507 Elmwood Ave, Buffalo 17	TR3-7484
NY	R Kraus	647 S Warren, Syracuse	HA2-0473
Ohio	C Luchsinger	16115 Puritas Ave, Cleveland 35	PA1-6625
Ohio	P Williams	411 American Bldg, Cincinnati 2, Ohio	PA1-6625
Okla	R A Jarvis	1022 Kennedy, Tulsa 3, Okla	GI7-8221
Ore	D Vick	1238 N.W. Glisan St, Portland 9, Ore	CA6-6251
Pa	J J Kitchener	3105 Banksville Rd, Pittsburgh 16, Pa	LO1-3129
Pa	J Hiatt	1 Balz Ave, Bala Cynwyd, Pa	GR7-4407
Tex	H Knippenberger	622 Texas Bank Bldg, Dallas 2	RI8-4477
Tex	W Hill	752 M & M Bldg, Houston 2, Tex	CA8-2[illegible]
Utah	J Lowder	1402 Major St, Salt Lake City 14, Utah	IN7-5[illegible]
Wash	T Bender	3400 E. Marginal Way, Seattle 4, Wash	MA4-8443
Wash	B Gill	E. 870 Front Ave, Spokane 2, Wash	MU7-15[illegible]
Wisc	F L Bradley	1002 Wisconsin Tower Bldg, Milwaukee	BR3-[illegible]
	CENTURY ELECTRONICS & INSTRUMENTS	**1333 N. Utica, Tulsa, Okla**	**LU4-7111**
	J Simpkins #50 *250 E 338-895-1435-1735-1850		
Ariz	Airsupply-Aero Eng Co	2950 W Thomas Rd, Phoenix	AP8-5511
Cal	Airsupply-Aero Eng Div	5915 Bleshire Blvd, Beverly Hills, Cal	BR2-4111
Cal	Airsupply-Aero Eng Div	201 Town & Country Village, Palo Alto	DA2-[illegible]
Cal	Airsupply-Aero Eng Div	3380 Harbor Dr, San Diego, Cal	CY8-1121
Colo	Airsupply-Aero Eng Div	3311 S. Broadway, Englewood, Colo	SU9-[illegible]
Fla	Airsupply-Aero Eng Div	2050 W. Fairbanks, Winter Park, Fla	MI7-2347
Ga	Airsupply-Aero Eng Div	3272 Peachtree Rd, N.E., Atlanta 5, Ga	CE7-[illegible]
Ill	Airsupply-Aero Eng Co	4302 Warren Ave. Hillside, Ill	LI4-7400
Ind	Airsupply-Aero Eng Co	2441 N Meridian St. Indianapolis	WA5-3528
Kan	Airsupply-Aero Eng Div	612 S. Oliver, Wichita 18, Kan	MU3-7518
Md	Airsupply-Aero Eng Div	7215 York Rd, Baltimore 12, Md	VA3-4[illegible]
Mass	Airsupply-Aero Eng Div	14 Spring St, Waltham, Mass	TW4-[illegible]
Mich	Airsupply-Aero Eng Div	15[illegible] W. McNichols Rd, Detroit 35, Mich	BR3-[illegible]
Minn	Airsupply-Aero Eng Div	5407 Excelsior Blvd, Minneapolis 16	WA2-[illegible]
Mo	Airsupply-Aero Eng Div	Box 6247, Lambert Field, St. Louis 21	PE1-[illegible]
NY	Airsupply-Aero Eng Co	600 Old Country Rd, Garden City	PI7-8586
NY	Airsupply-Aero Eng Div	2900 James St, Syracuse 6, NY	HO3-[illegible]
Ohio	Airsupply-Aero Eng Div	P.O. Box 3525, Whitehall Sta, Columbus 13	BE1-2758
Pa	Airsupply-Aero Eng Div	1510 Russell Rd, Paoli, Pa	NI4-1450
Tex	Airsupply-Aero Eng Div	P.O. Box 1996, Ft. Worth, Tex	ED5-4541
Wash	Airsupply-Aero Eng Div	10633 N.E. 8th St, Bellevue, Wash	GL4-7922
For	Vibro-Meter Corp	Fribourg, Switzerland	
	CENTURY PLATING CO	**229 Ferris Ave, White Plains, NY**	**WH8-3777**
	1305		
	CERAMASEAL INC	**P.O. Box 25, New Lebanon Center, NY**	**WE3-5851**
	G Sewta #4 *41 D 175-240-885-905-1545		
Cal	C W Saxon Assoc	1211 W Magnolia, Burbank	VI9-1494
Cal	Northwest Sales & Engrg Serv Co	420 Market St, San Francisco	EX2-9154
Ill	Harry Halinton	6400 N Lecili Ave, Chicago 46	RO3-2132
Mass	P J Eng Sales Co, Inc	Box 212, Watertown	4-5990
Mo	A O Wimmer & Sons	4030 Chouteau Ave, St Louis 10	FR1-2780
NY	J Lazor Assoc, Inc	200 E Highland Dr, Rochester 10	GR3-[illegible]
Ohio	George P Bray Co	11750 Shaker Blvd, Cleveland 20	LO1-6511
Wash	Northwest Sales & Engrg Service Co	915 Terminal Sales Bldg, Seattle 1	MA2-[illegible]
	CERAMCO INC, CHEMISTS	**173 Ridge St, Newark 4, NJ**	**HU4-5900**
	T Cresson #2 *15 30-120-240-265-315-320-580-670-820-900-980-1070-1145 1205-1290-1540-1575-1890-1940		
Ariz	Milford Engineering Co	14006 Cantlay St, Van Nuys, Cal	TR3-5335
Ark	James E Dyer Co, Inc	Box 1226, Tulsa 1, Okla	LU4-1076
Cal	Milford Eng Co	14006 Cantlay St. Van Nuys	TR3-5335
Ill	Tel-Tec, Inc	117 E National St, Vandalia, Ohio	TW8-5462
Ind	Tel-Tec, Inc	117 E National St, Vandalia, Ohio	TW8-5462
Kan	James E Dyer Co, Inc	Box 1226, Tulsa 1, Okla	LU4-1076
La	James E Dyer Co, Inc	Box 1226, Tulsa 1, Okla	LU4-1076
Mich	Tel-Tec, Inc	117 E National St, Vandalia, Ohio	TW8-5462
Mo	James E Dyer Co, Inc	Box 1226, Tulsa, Okla	LU4-1076

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NM	Withers Engineering Co	1408 Cantley St, Van Nuys, Cal	TR3-5335
Ohio	Tel-Tec, Inc	117 E National St, Vandalia	TW8-5462
Okla	J E Dyer Co, Inc	Box 1226, Tulsa 1	LU4-1076
Pa	Tel-Tec, Inc	117 E National St, Vandalia, Ohio	TW8-5462
Tex	James E Dyer Co, Inc	Box 1226, Tulsa 1, Okla	LU4-1076
Wis	Tel-Tec, Inc	117 E National St, Vandalia, Ohio	TW8-5462
	CERBERUS AG	**Mannedorf, Switzerland**	**F4-1555**
	M Vollenweider #15 *250 E 895-990-1545-1080		
	CERIUM METALS & ALLOYS DIV		
	RONSON METALS CORP	**55 Manufacturers Pl, Newark 5, NJ**	**MA4-1380**
	B Borzon #4 *60 D 1125-1875		
	CERRO SALES CORP	**300 Park Ave, New York 22, NY**	**MU8-8822**
	O Seeds *50 G 1075-1125-1545-1635		
Ala	Golden Die Supply Co	1171 Lee St, S.W., Atlanta 10, Ga	PL3-4181
Alaska	Lewin-Mathes Co	1056 4th Ave, S, Seattle 4, Wash	MA6733
Ariz	Peck-Lewis Corp	4436 Long Beach Ave, L A, Cal	AD3-7146
Ark	Metal Goods Corp	1970 Latham St, Memphis, Tenn	WH8-3407
Cal	Peck-Lewis Corp	4436 Long Beach Ave, Los Angeles, Cal	AD3-7146
Colo	Metal Goods Corp	4343 Holly St, Denver 16, Colo	DU8-4141
Conn	L Heras DeWyk & Co, Inc	89 Maine St, Ansonia, Conn	RE4-5601
Del	Jackson-Walter Co	2027 Arch St, Philadelphia, Pa	LO3-7470
DC	Jackson-Walter Co	2027 Arch St, Philadelphia, Pa	LO3-7470
Fla	Golden Die Supply Co	1171 Lee St, S.W., Atlanta, Ga	PL3-4181
Ga	Golden Die Supply Co	1171 Lee St, S.W., Atlanta, Ga	PL3-4181
Hawaii	Peck-Lewis Corp	4436 Long Beach Ave, Los Angeles, Cal	AD3-7146
Idaho	Lewin-Mathes Co	1056 4th Ave, S., Seattle 4, Wash	MA6733
Ill	Sterling Products Co., Inc	121 N. Jefferson, Chicago 6, Ill	ST2-1126
Ill	Metal Goods Corp	8800 Page Blvd, St. Louis, Mo	HA7-1234
Ind	Sterling Products Co., Inc	121 N. Jefferson, Chicago, Ill	ST2-1126
Ind	Metal Goods Corp	8800 Page Blvd, St. Louis, Mo	HA7-1234
Ind	F H Langsenkamp Co	430 S Alabama Ave, Indianapolis 25	ME6-4321
Iowa	Sterling Products Co., Inc	121 N. Jefferson, Chicago, Ill	ST2-1126
Iowa	Metal Goods Corp	8800 Page Blvd, St. Louis, Mo	HA7-1234
Kan	Metal Goods Corp	1300 Burlington Ave, N., Kansas City, Mo	GR1-3516
Ky	Metal Goods Corp	8800 Page Blvd, St. Louis, Mo	HA7-1234
Ky	Die Supply Div E W Bliss	1254 Stanley Ave, Dayton, Ohio	BA4-9801
La	Metal Goods Corp	Box 286, New Orleans, La	JA2-7373
Me	Lewin-Mathes Corp	729 Boylston St, Boston, Mass	CO7-1136
Md	Jackson-Walter Co	2027 Arch St, Philadelphia, Pa	LO3-7470
Mass	Lewin-Mathes Co	729 Boylston St, Boston, Mass	CO7-1135
Mich	Die Supply E W Bliss	6770 E. Davison St, Detroit, Mich	FO6-2400
Mich	Gullberg Industrial Equipment Corp	1805 E. Nine Mile Rd, Ferndale, Mich	JO6-1536
Minn	Lewin-Mathes Co	1015 Third St, N., Minneapolis, Minn	FE9-7883
Minn	Northern Mach'y & Supply Co	2010 Minnehaha Ave, S., Mnpls, Minn	FE6-1125
Miss	Metal Goods Corp	Box 286, New Orleans, La	JA2-7373
Mo	Metal Goods Corp	1300 Burlington, N., Kansas City, Mo	GR1-3516
Mo	Metal Goods Corp	8800 Page Blvd, St. Louis, Mo	HA7-1234
Mont	Lewin-Mathes Co	1056 4th Ave, S., Seattle, Wash	MA6733
Neb	Metal Goods Corp	1300 Burlington, N. Kansas City, Mo	GR1-3516
Nev	Peck-Lewis Corp	4436 Long Beach Ave, Los Angeles, Cal	AD3-7146
NH	Lewin-Mathes Co	729 Boylston St, Boston, Mass	CO7-1136
NJ	Belmont Smelt & Refin Works	330 Belmont Ave, Brooklyn, NY	DI2-4900
NJ	Jackson-Walter Co	2027 Arch St, Philadelphia, Pa	LO3-7470
NM	Metal Goods Corp	2916 Virginia Ave, N.E., Albuquerque, NM	
NY	Belmont Smelt & Refin Wks	330 Belmont Ave, Brooklyn, NY	DI2-4900
NY	Ontario Metal Supply Inc	851 Exchange St, Rochester, NY	HA6-1630
NC	Jackson-Walter Co	2027 Arch St, Philadelphia, Pa	LO3-7470
ND	Lewin-Mathes Co	1015 Third St, N., Minneapolis, Minn	FE9-7883
Ohio	Die Supply Div E W Bliss Co	1254 Stanley Ave, Dayton, Ohio	BA4-9801
Ohio	Die Supply Div E W Bliss Co	1400 Brook Park Rd, Cleveland, Ohio	SH1-9000
Okla	Metal Goods Corp	Box 6507, Tulsa, Okla	GI7-4001
Ore	Lewin-Mathes Co	1056 4th Ave, S., Seattle, Wash	MA6733
Pa	Die Supply Div E W Bliss Co	1400 Brook Park Rd, Cleveland, Ohio	SH1-9000
Pa	Jackson-Walter Co	2027 Arch St, Philadelphia, Pa	LO3-7470
Pa	Ontario Metal Supply, Inc	851 Exchange St, Rochester, NY	HA6-1630
RI	L Heras DeWyk & Co., Inc	89 Maine St, Ansonia, Conn	RE4-5601
SC	Jackson-Walter Co	2027 Arch St, Philadelphia, Pa	LO3-7470
SD	Lewin-Mathes Co	1015 Third St, N., Minneapolis, Minn	FE9-7883
Tenn	Metal Goods Corp	1970 Latham St, Memphis, Tenn	WH8-3407
Tex	Metal Goods Corp	6211 Cedar Springs Rd, Dallas, Tex	EL3271
Tex	Metal Goods Corp	Rice Rd at Davis St, Houston, Tex	FA3-0141
Utah	Peck-Lewis Corp	4436 Long Beach Ave, Los Angeles, Cal	AD3-7146
Vt	L Heras DeWyk & Co., Inc	89 Main St, Ansonia, Conn	RE4-5601
Va	Jackson-Walter Co	2027 Arch St, Philadelphia, Pa	LO3-7470
Wash	Lewin-Mathes Co	1056 4th Ave, Seattle, Wash	MA6733
Wisc	Williams-Collins Inc	4065 N. Montreal St, Milwaukee, Wisc	UP3-5940
Wyo	Metal Goods Corp	4343 Holly St, Denver, Colo	DU8-4141
Canada	Canada Metal Co Ltd	721 Eastern Ave, Toronto, Ontario, Canada	
Canada	Canada Metal Co Ltd	6265 Notre Dame St, E., Montreal, Quebec, Canada	
Foreign	Mining & Chemical Products Ltd	86 Strand, London W C 2, England	
	CETEC CORP	**1400 Industrial Way, Redwood City, Cal**	**EM9-5913**
	895		
Conn	Radio Shack Corp	230 Crown St, New Haven, Conn	SP7-6871
Mass	Radio Shack Corp	730 Commonwealth Ave, Boston, Mass	RE4-1000
NJ	Rutgers Video Corp	324 Raritan Ave, Highland Park, NJ	CH7-8383
NY	James A Ford Associates	Larkspur Rd, Stamford, Conn	DA2-5249
•	**CETRON ELECTRONIC CORP**	**715 Hamilton St. Geneva, Ill**	**CE2-4140**
	C Hemaker #11 *100 E 30-235-265-360-500-885-895-1015-1075-1135-1460-1800		
Cal	Dewco Sales Inc	6319 San Fernando Rd. Glendale 1	VI9-5579
Fla	W E Wolcott Co	Box 1523, Winter Park	MI7-3498
Ill	Nera Electronic Sales Co	1516 Elmwood Ave. Wilmette	AL6-1045
Ind	R O Whitesell & Assoc. Inc	6620 E. Washington St. Indpls	FL9-5374
Ky	R O Whitesell & Assoc. Inc	3903 Bank, Louisville	SP6-2024
Md	Wally Shulan & Co	Box 287P, Rt. 1, Glen Burnie	AR 3569
Mass	V J Huntoon Assoc. Inc	908 Belmont Ave. Springfield 8	ST8-8516
Mich	Grant Shaffer Co	14241 Fenkell Ave. Detroit 27	BR3-5390
Minn	Heimann Co., The	1711 Hawthorne Ave. Mnpls 3	FE2-5457
Mo	Heimann Co., The	3014 W. 37th St. KC 11	PL3-4970
NJ	Wally Shulan & Co	880 Bergen Ave. Jersey City	SW5-2220
NY	Maury Farber Assoc	70 W. Chippewa, Buffalo 2	TL6-3543
NC	W E Wolcott Co	2315 Draper Ave. Charlotte	FR5-6546
ND	W E Wolcott Co	2315 Draper Ave. Charlotte, NC	FR5-6546
Ohio	R O Whitesell & Assoc. Inc	21119 Lorain Ave. Cleve	ED3-2585
Okla	Packard Assoc	Box 360, Tulsa	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Tenn	W E Wolcott Co	320-108 Illinois Rd, Oak Ridge	PH5-1714
Tex	Packard Assoc	404 Love Field, Air Term. Dallas	FL7-5713
Wis	Heimann Co., The	6421 W. Powell Pl. Milwaukee 13	SP1-3810
For	CBS-Intl	40 E. 52nd St. NY 22, NY	PL1-2345
Can	Atlas Radio Corp. Ltd	50 Wingold Ave. Toronto 19, Ont	RU1-6174
	CETRON ELECTRONIC CORP		
	PLASTICS DIV	**2265 E Foothill Blvd. Pasadena, Cal**	
	30		
	CHADWICK HELMUTH CO	**472 E. Duarte Rd, Monrovia, Cal**	**EL8-4567**
	W Cox #3 *15 C 200-338-895		
Ala	S S Lee Associates	300 Wheeler Bldg, Huntsville, Ala	JE9-0631
Conn	Equipment Sales Co	Box 6298, New Haven 17, Conn	CH8-5581
Del	Tek-Sel, Inc	54 Rt 17, Paramus, NJ	HU9-7210
DC	S S Lee Associates	2521 Emmalts, Wheaton, Md	LO5-3066
Fla	S S Lee Associates	Box 7896, Orlando, Fla	CH1-4445
Ga	S S Lee Associates	Box 905, Winston-Salem, NC	ST8-0431
Ill	Maher Engineering Co	4335 W Peterson, Chicago 30, Ill	PE6-8747
Ind	Maher Engineering Co	4335 W Peterson, Chicago 30, Ill	PE6-8747
Iowa	Maher Engineering Co	4335 W Peterson, Chicago 30, Ill	PE6-8747
Ky	Lowry-Dietrich Co	1276 W Third, Cleveland, Ohio	SU1-1855
Me	Equipment Sales Co	Box 6298, New Haven 17, Conn	CH8-5581
Md	S S Lee Associates	2521 Emmalts, Wheaton, Md	LO5-3066
Mass	Equipment Sales Co	5 Elm St, Danvers, Mass	SP4-2400
Mich	Saturo Co	4512 N Woodward, Royal Oak	LI9-3910
Minn	Maher Engineering Co	4335 W. Peterson, Chicago, Ill	PE6-8747
Mo	Maher Engineering Co	4335 W. Peterson, Chicago, Ill	PE6-8747
NH	Equipment Sales Co	P.O. Box 6298, New Haven 17, Conn	CH8-5581
NJ	Tek-Sel Inc	54 Rt 17, Paramus, NJ	HU9-7210
NY	Tek-Sel Inc	54 Rt 17, Paramus, NJ	HU9-7210
NC	S S Lee Associates	Box 905, Winston Salem, NC	ST8-0431
Ohio	Lowry-Dietrich Co	1276 W. Third, Cleveland, Ohio	SU1-1855
Ohio	Lowry-Dietrich Co	333 W. First, Dayton, Ohio	BA3-4042
Pa	Lowry-Dietrich Co	703 Clairton Blvd, Pittsburgh, Pa	TU1-2270
Pa	Tek-Sel Inc	Hatboro, Pa	OS2-1069
RI	Equipment Sales Co	P.O. Box 6298, New Haven 17, Conn	CH8-5581
SC	S S Lee Associates	Box 905, Winston Salem, N C	ST8-0431
Tenn	S S Lee Associates	Box 7896, Orlando, Fla	CH1-4445
Vt	Equipment Sales Co	P.O. Box 6298, New Haven 17, Conn	CH8-5581
Va	S S Lee Associates	2521 Emmalts, Wheaton, Md	LO5-3066
W.Va	S S Lee Associates	2521 Emmalts, Wheaton, Md	LO5-3066
Wisc	Maher Engineering Co	4335 W. Peterson, Chicago, Ill	PE6-8747
Can	Budd Instruments, Ltd	170 Gateway W, Don Mills, Ont	HI7-5588
For	Cooper International	Box 1894, New Haven 8, Conn	FU9-1511
	CHAMPION CO	**400 Harrison St, Springfield, Ohio**	**FA3-7545**
	J Mills #10 *250 F 135-1120-1220		
	CHANCE VOUGHT CORP.		
	VOUGHT ELECTRONICS DIV	**Box 1500, Arlington, Tex**	**AN2-3211**
	A E Wasserman #160 *500 F 20-35-45-60-280-325-338-340-365-385-440-775-895-1130-1135-1150-1395-1610-1655-1660-1845-1870-1915		
Ala	J E Gathings	S Memorial Pkwy, Huntsville	JE9-7401
Cal	Chance Vought	690 N. Sepulveda Blvd, El Segundo, Cal	OR8-6785
DC	C L Moore	1000 Connecticut Ave NW, Washington	ME7-1055
NY	J S Taxeras	600 Old Country Rd, Garden City	PI1-5320
Ohio	O Dirks	333 W 1st St, Dayton 2	VA4-0549
Foreign	Forrest Morgan	56 Ave George V, Paris VIII, France	
	CHANNEL INDUSTRIES INC	**427 Olive St, Santa Barbara, Cal**	**WO5-1041**
	R Carlson #3 *26 410-1655-1850-1915		
	CHANNEL MASTER CO	**Ellenville, NY**	**EL 1300**
	S Schlussel #22 *1,000 G 45-190-385-895-1170-1255-1305-1425-1675-1880-1885-1895		
•	**CHART-PAK INC**	**Leeds, Mass**	
	525-965-1755		
	CHASE BRASS & COPPER CO	**236 Grand St, Waterbury 20, Conn**	**PL6-9444**
	P Thomas #98 *4100 G 25-125-170-175-615-700-770-1125-1135-1185-1490-1535-1635-1885-1940		
Ala	Chase Brass & Copper Co	695 Stewart Ave, S.W., Atlanta 10, Ga	PL5-5731
Alaska	Chase Brass & Copper Co	1957 First Ave, S., Seattle 4, Wash	MA4-1862
Ariz	Chase Brass & Copper Co	5500 E. Washington Blvd, L A 54, Cal	RA3-5151
Ark	Chase Brass & Copper Co	4641 McRee, St. Louis 10, Mo	PR6-3111
Cal	Chase Brass & Copper Co	5500 E. Washington Blvd, L A 54, Cal	RA3-5151
Cal	Chase Brass & Copper Co	230 Shaw Rd, S. San Francisco	JU3-4994
Colo	Chase Brass & Copper Co	5101 Colorado Blvd, Denver 16	DU8-2441
Del	Chase Brass & Copper Co	28th & Venango Sts, Phila 40, Pa	BA3-5500
DC	Chase Brass & Copper Co	1315 Key Hwy, Baltimore 30, Md	PL2-2565
Fla	Chase Brass & Copper Co	695 Stewart Ave, S.W., Atlanta 10, Ga	PL5-5731
Ga	Chase Brass & Copper Co	695 Stewart Ave, S.W., Atlanta 10, Ga	PL5-5731
Hawaii	Chase Brass & Copper Co	230 Shaw Rd, S. San Francisco, Cal	JU3-4994
Idaho	Chase Brass & Copper Co	1957 First Ave, S., Seattle 4, Wash	MA4-1862
Ill	Chase Brass & Copper Co	5401 W. Grand Ave, Chicago 39, Ill	TU9-4000
Ill	Chase Brass & Copper Co	4641 McRee Ave, St. Louis 10, Mo	PR6-3111
Ind	Chase Brass & Copper Co	1800 Oliver Ave, Indianapolis 21, Ind	ME7-1543
Iowa	Chase Brass & Copper Co	5401 W. Grand Ave, Chicago 39, Ill	TU9-4000
Kan	Chase Brass & Copper Co	1710 Washington St, Kansas City 8, Mo	VI2-1710
Ky	Chase Brass & Copper Co	222 Fast Square, Cincinnati 2, Ohio	PA1-3326
La	Chase Brass & Copper Co	1000 S. Jeff Davis Pkwy, New Orleans 2	HU6-6441
Me	Chase Brass & Copper Co	411 D St, Boston 4, Mass	LI2-0126
Md	Chase Brass & Copper Co	1315 Key Hwy, Baltimore 30, Md	PL2-2565
Mass	Chase Brass & Copper Co	411 D St, Boston 4, Mass	LI2-0126
Mich	Chase Brass & Copper Co	14480 Woodrow Wilson Ave, Detroit 38	TO8-2900
Minn	Chase Brass & Copper Co	145 N. 10th St, Minneapolis 3	FE6-4661
Miss	Chase Brass & Copper Co	1000 S. Jeff Davis Pkwy, New Orleans, La	HU6-5441
Mo	Chase Brass & Copper Co	4641 McRee Ave, St. Louis 10, Mo	PR6-3111
Mont	Chase Brass & Copper Co	1957 First Ave, S., Seattle 4, Wash	MA4-1862
Neb	Chase Brass & Copper Co	1710 Washington St, Kansas City 8, Mo	VI2-1710
Nev	Chase Brass & Copper Co	230 Shaw Rd. S San Francisco, Cal	JU3-4994
Nev	Chase Brass & Copper Co	5101 Colorado Blvd, Denver 16, Colo	DU8-2441
NH	Chase Brass & Copper Co	411 D St, Boston 4, Mass	LI2-0126
NJ	Chase Brass & Copper Co	55-61 58th St, Maspeth 78, NY	BI6-1700
NM	Chase Brass & Copper Co	5101 Colorado Blvd, Denver 16, Colo	DU8-2441
NY	Chase Brass & Copper Co	55-61 58th St, Maspeth 78, NY	TW4-0500
NY	Chase Brass & Copper Co	45 Exchange St, Rochester 14	HA6-3020
NC	Chase Brass & Copper Co	222 S. Church St, Charlotte 2	ED2-4152
ND	Chase Brass & Copper Co	145 N. 10th St, Minneapolis 3, Minn	FE6-4661

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ohio	Chase Brass & Copper Co	4000 Chester Ave, Cleveland 3	HE2-2300
Ohio	Chase Brass & Copper Co	222 Post Square, Cincinnati 2	PA1-3326
Okla	Chase Brass & Copper Co	1710 Washington St, Kansas City 8, Mo	VI2-1710
Ore	Chase Brass & Copper Co	1957 First Ave, S., Seattle 4, Wash	MA4-1862
Pa	Chase Brass & Copper Co	28th & Venango Sts, Phila 40	BA3-5500
RI	Chase Brass & Copper Co	66 Branch Ave, Providence 1	DE1-2300
SC	Chase Brass & Copper Co	222 S. Church St, Charlotte 2, NC	ED2-4152
SD	Chase Brass & Copper Co	145 N. 10th St, Minneapolis 3, Minn	FE6-4661
Tenn	Chase Brass & Copper Co	222 Post Square, Cincinnati 2, Ohio	PA1-3326
Tex	Chase Brass & Copper Co	5052 Starr, Dallas 7	RI7-4271
Tex	Chase Brass & Copper Co	34 Drennan St, Houston 1	CA3-7756
Utah	Chase Brass & Copper Co	5101 Colorado Blvd, Denver 16, Colo	DU8-2441
Vt	Chase Brass & Copper Co	411 D St, Boston 4, Mass	LI2-0126
Va	Chase Brass & Copper Co	1315 Key Hwy, Baltimore 30, Md	PL2-2565
Wash	Chase Brass & Copper Co	1957 First Ave, S., Seattle 4, Wash	MA4-1862
W. Va	Chase Brass & Copper Co	1001 Brighton Rd, Pittsburgh 33, Pa	CE1-7500
Wisc	Chase Brass & Copper Co	1741 N. St. Paul Ave, Milwaukee 1	312-7630
Wyo	Chase Brass & Copper Co	5101 Colorado Blvd, Denver 16, Colo	DU8-2441
•	**CHASSIS-TRAK CO., INC**	**525 S. Webster Ave, Indianapolis 19, Ind**	**FL9-5407**
	L Vaughn #3 *90 260-785-790		
Ala	Maitland K Smith Co	208 14th St, N.W., Atlanta 13, Ga	TR5-8031
Ark	Arnold Barnes Co	3603 Lemmon Ave, Dallas 19, Tex	LA6-8735
Conn	Abbett & Hustis Co	Box 248, Needham 92, Mass	HI4-5470
Del	Gene Rosen & Assoc, Inc	9501 Wadsworth Dr, Bethesda 14, Md	OL6-6131
DC	Gene Rosen & Assoc, Inc	9501 Wadsworth Dr, Bethesda 14, Md	OL6-6131
Fla	Maitland K Smith Co	208 14th St, N.W., Atlanta 13, Ga	TR5-8031
Ga	Maitland K Smith Co	208 14th St, N.W. Atlanta 13, Ga	TR5-8031
Haw	Dougherty Enterprises	Box 188, Kailua	252-664
Ill	Ringland M Krueger Co	4738 N. Harlem Ave, Chicago 31	UN7-7100
Ind	Wright Eng. Co	Box 22007, Indpls	WA3-6666
Iowa	Ringland M Krueger Co	4738 N. Harlem Ave, Chicago 31, Ill	UN7-7100
Kan	Wilbur E Gall Co	10511 W. 56th Terrace, Shawnee	HE2-2529
Ky	Wright Eng. Co	Box 22007, Indpls, Ind	WA3-6666
La	Arnold Barnes Co	3603 Lemmon Ave, Dallas 19, Tex	LA6-8735
Me	Abbett & Hustis Co	Box 248, Needham 92, Mass	HI4-5470
Md	Gene Rosen & Assoc, Inc	9501 Wadsworth Dr, Bethesda 14	OL6-6131
Mass	Abbett & Hustis Co	Box 248, Needham 92	HI4-5470
Mich	Martin Vogt	2617 Barrett Rd, Royal Oak	LI9-3355
Minn	Anderson & Assoc	3825 York Ave, N, Mnpls	JU8-5451
Miss	Maitland K Smith Co	208 14th St, N.W., Atlanta 13, Ga	TR5-8031
Mo	Wilbur E Gall Co	10511 W. 56th Terrace, Shawnee, Kan	HE2-2529
Neb	Wilbur E Gall Co	10511 W. 56th Terrace, Shawnee, Kan	HE2-2529
NH	Abbett & Hustis Co	Box 248, Needham 92, Mass	HI4-5470
NJ	Robert L Ringer Co	Box 114, Glen Rock	GI4-1434
NY	Robert L Ringer Co. (Metropolitan)	Box 114, Glen Rock, NJ	GI4-1434
NY	William Richter Corp	107 Delores Ter, S. N. Syracuse	
NC	Maitland K Smith Co	208 14th St, NW, Atlanta 13, Ga	TR5-8031
ND	Anderson & Assoc	3825 York Ave, N, Mnpls 22, Minn	JU8-5451
Ohio	Components Eng Co	7461 N. Linden Ln, Cleveland 30, Ohio	VI2-2737
Ohio	Ed Wagner	2600 Far Hills Ave, Dayton 9, Ohio	AX9-2333
Okla	Arnold Barnes Co	3603 Lemmon Ave, Dallas 19, Tex	LA6-8735
Pa	J Allen Biggs Co, Inc	Bucks County, Carversville, Pa	PH8-5457
RI	Abbett & Hustis Co	Box 248, Needham 92, Mass	HI4-5470
SC	Maitland K Smith Co	208 14th St, N.W., Atlanta 13, Ga	TR5-8031
SD	Anderson & Associates	3825 York Ave, N. Minneapolis 22, Minn	JU8-2523
Tenn	Maitland K Smith Co	208 14th St, N.W., Atlanta 13, Ga	TR5-8031
Tex	Arnold Barnes Co	3603 Lemmon Ave, Dallas 19, Tex	LA6-8735
Vt	Abbett & Hustis Co	Box 248, Needham 92, Mass	HI4-5470
Va	Gene Rosen & Assoc, Inc	9501 Wadsworth Dr, Bethesda 14, Md	OL6-6131
W.Va	Components Engineering Co	7461 N. Linden Ln, Cleveland 30	VI2-2737
Wis	Ringland M Krueger Co	4738 N. Harlem Ave, Chicago 31, Ill	UN7-7100
	CHATTILON & SONS, JOHN	**85 Cliff St, New York 38, NY**	**BE3-2552**
	R Ellund #6 *150 E 895-1690		
Ala	Alabama Scale Works	3013 First Ave, N., Birmingham, Ala	
Ariz	Southwestern Scale Co	1447 S. 28th St, Phoenix, Ariz	
Ark	Cardinal Scale Mfg Co	203 E. Daugherty, Webb City, Mo	
Cal	C R Alford Co	475 Huntington Dr, San Marino	
Cal	Empire Scale & Cash Register Co	101 S Los Angeles St, Los Angeles	
Colo	C R Alford Co	4214 E Colfax Ave, Denver	
Conn	Industrial Scale & Equipment Co	336 Charles St, Bridgeport 6, Conn	
Conn	Avery, Kretzmer, Olcott, Inc	12 Jefferson St, Hartford, Conn	
Del	John J McIntyre & Sons	514 Knorr St, Philadelphia, Pa	
DC	Washington Scale & Eqpt Co., Inc	1107 New Jersey Ave, N.W., Washington, DC	
Fla	Q C Eqpt Sales	610 N Orange Ave, Orlando	
Fla	Economy Scale Co	525 S. MacDill Ave, Tampa 9, Fla	
Ga	Wiggins Scale Co	995 Hemphill Ave, Atlanta, Ga	
Idaho	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	
Ill	Zak & Assoc	7730 Carondelet, St Louis, Mo	
Ill	Master Gauge Co	1150 W. Grand Ave, Chicago 22, Ill	
Ind	Master Gauge Co	1150 W. Grand Ave, Chicago 22, Ill	
Ind	J B Doe Co., Inc	1722 W. 16th St, Indianapolis 2, Ind	
Iowa	Zak & Assoc	7730 Carondelet, St Louis, Mo	
Kan	Cardinal Scale Mfg Co	203 E. Daugherty, Webb City, Mo	
Ky	Engineering Specialties	8115 Camargo Rd, Cincinnati, Ohio	
La	By-Pel Equipment Co	4037 Palmyra St, New Orleans, La	
Md	S W Betz Co	2229-39 Kirk Ave, Baltimore, Md	
Mass	New England Scale Co	1940 Revere Beach Pkwy. Everett	
Mass	Central Scale Co	700 N Main St. Providence, RI	
Mich	S A Meier Co	6912 W North Ave, Milwaukee 13, Wis	
Mich	Master Gauge Co	1150 W Grand Ave. Chicago, Ill	
Minn	Scale Service Co	2117 Minnehaha Ave, Minneapolis 4, Minn	
Miss	By-Pel Equipment Co	4037 Palmyra St, New Orleans, La	
Mo	Zak & Assoc	7730 Carondelet, St Louis	
Mont	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	
Neb	Cardinal Scale Mfg Co	203 E. Daugherty, Webb City, Mo	
NJ	Johnson Scale Co	235 Fairfield Ave, W. Caldwell, NJ	
NM	Koch Products Co	4745 Gibson Blvd, S.E., Albuquerque, NM	
NY	Ralph C Schwarz & Sons	75 College Ave. Rochester	
NY	Albert Coyne Co	71 Spring St. New York	
NY	Rochester Scale Works	928 N Clinton Ave. Rochester 21	
NC	J A King Co	1620 High Point Rd, Greensboro, NC	
Ohio	Ohio Counting Scale Co	1787 E. 24th St, Cleveland 14, Ohio	
Ohio	Engineering Specialties	8115 Camargo Rd, Cincinnati, Ohio	
Okla	Cardinal Scale Mfg Co	203 E. Daugherty, Webb City, Mo	
Ore	Morris Scale Co	1537 S.E. Morrison St, Portland, Ore	
Pa	Buffalo Scale Co	4507 Liberty Ave, Pittsburgh 2?	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
RI	Central Scale Co	700 N. Main St, Providence, RI	
Tenn	H W Sawrie & Co	Box 4146, Chattanooga	
Tex	Acme Scale & Eqpt Co	Box 49096, Houston	
Tex	Whitson Engineering Co	7680 Freewood, Dallas	
Utah	Hyde Electronics Co	888 S. Lipan St, Denver, Colo	
Va	Washington Scale & Equip Co., Inc	1107 New Jersey Ave, N.W., Washington, DC	
Wash	C R Alford Co	2410 1st Ave. S, Seattle 4	
W Va	Washington Scale & Eqpt Co Inc	1107 New Jersey Ave. NW, Wash 1, DC	
Wis	Scale Service Co	2117 Minnehaha Ave. Minneapolis 4, Minn	
Wyo	Hyde Electronics Co	888 S. Lipan St, Denver, Colo	
Canada	Eastern Scale Works	143 Parliament St. Toronto, Ontario, Canada	
Canada	Yeates-Donyar Co., Inc	1504 Notre Dame W., Montreal, P Q, Canada	
	CHEMALLOY ELECTRONICS CORP S Friedman #1 *7 A 1135-1635-1640	**Gillespie Field, Santee, Cal**	**HI4-7661**
NY	Bertram D Alton Co	PO Box 186, Roslyn	MA1-1630
Foreign	Beechey Enterprises	1162 Main St, N., Weston Ontario	
	CHEMICAL PRODUCTS CORP D P Jackson #1 *100 E 315-510-1240-1290	**King Philip Rd, East Providence, RI**	**GE4-1770**
Cal	A J Caron	9528 Carron Dr, Pico Rivera, Cal	RA3-2760
	CHEMO PRODUCTS INC W Rowden #5 *110 E 1290	**Box 169, West Warwick, RI**	**VA1-1400**
Ariz	Service Cable & Wire Inc	2051 Pontius Ave, Los Angeles, 25, Cal	BR2-9711
Ark	Zak Associates	7730 Carondelet St, St Louis, Mo	PA7-8559
Cal	Service Cable & Wire Inc	2051 Pontius Ave, Los Angeles 25, Cal	BR2-9711
Cal	Sidney Springer Co., Inc	816 Stanford Ave, Los Angeles, Cal	MA6-1233
Colo	Service Cable & Wire Inc	2051 Pontius Ave, Los Angeles, 25, Cal	BR2-9711
Conn	Ralph Mc Dougald	Vaughn Hollow Rd, Greene, RI	
Del	Stanely W Blazejewski	90 Worrell Dr, Springfield, Del Cty, Pa	KI3-0844
DC	Stanely W Blazejewski	90 Worrell Dr, Springfield, Del Cty, Pa	KI3-0844
Ill	E G Kostal & Associates	6272 W. North Ave, Chicago 39, Ill	MA9-1446
Ill	Zak Associates	7730 Carondelet St, St Louis, Mo	PA7-8559
Ind	Zak Associates	7730 Carondelet St, St Louis, Mo	PA7-8559
Ind	E G Kostal	6272 W North Ave, Chicago, 39, Ill	TU9-1521
Iowa	Zak Associates	7730 Carondelet St, St Louis, Mo	PA7-8559
Iowa	E G Kostal	6272 W North Ave, Chicago, 39, Ill	TU9-1521
Kan	Zak Associates	7730 Carondelet St, St Louis, Mo	PA7-8559
Md	Stanley W Blazejewski	90 Worrell Dr, Springfield, Del Cty, Pa	KI3-0844
Mo	Zak Associates	7730 Carondelet St, St Louis, Mo	PA7-8559
Neb	Zak Associates	7730 Carondelet St, St Louis, Mo	PA7-8559
Nev	Service & Wire Inc	2051 Pontius Ave, Los Angeles, 25, Cal	BR2-9711
NJ	Albert C Teimber	57 Halstead St, Hillsdale, NJ	NO4-6753
NM	Service & Wire Inc	2051 Pontius Ave, Los Angeles, 25, Cal	BR2-9711
NY	Albert C Teimber	57 Halstead St, Hillsdale, NJ	NO4-6753
NY	W H Wells Co, Inc	257 Winton Rd N, Rochester, 10, NY	OL4-8023
Ohio	Alex R Guichet	1320 Lake Rower Dr, Kent, Ohio	OR3-0149
Ohio	Zak Associates	7730 Carondelet St, St Louis, Mo	PA7-8559
Okla	Zak Associates	7730 Carondelet St, St Louis, Mo	PA7-8559
Ore	Service Cable & Wire Inc	2051 Pontius Ave, Los Angeles, 25, Cal	BR2-9711
Pa	Stanley W Blazejewski	90 Worrell Dr, Springfield, Del Cty, Pa	KI3-0844
RI	Ralph Mc Dougald	Vaughn Hollow Rd, Greene, RI	EX7-4084
Tex	The Rex Way Co	2512 Mockingbird Lane, Dallas, Tex	FL2-7049
Utah	Service Cable & Wire Inc	2051 Pontius Ave, Los Angeles, 25, Cal	BR2-9711
Wash	Service Cable & Wire Inc	2051 Pontius Ave, Los Angeles, 25, Cal	BR2-9711
Wisc	E G Kostal & Associates	6272 W. North Ave, Chicago 39, Ill	MA9-1446
Wis	Zak Associates	7730 Carondelet St, St Louis, Mo	PA7-8559
Can	Paisley Products of Canada, Ltd	36 Upton Rd, Scarborough, Ont	PL5-2216
For	Lawrence & Erausquin, Inc	1902 Jefferson Blvd, Toledo, 2, Ohio	CH1-9121
	CHEMONICS CORP N Barakat #2 *20 A 280	**990 S. Fair Oaks, Pasadena, Cal**	**MU2-3771**
Cal	Kennedy Enterprises	4914 Lankershim Blvd. N. Hollywood	PO9-0206
	CHEMPLAST, INC M Bailey #6 *65 E 120-175-750-900-1070-1290-1305-1755-1940	**3 Central Ave. East Newark, NJ**	**HU5-4850**
Ariz	E V Roberts & Associates	309 N 1st St, Phoenix	AL2-8904
Ark	Texas Avionics Co	4515 Prentice St. Dallas 6, Tex	TA6-2354
Cal	E V Roberts & Assoc	5068 W Washington Blvd. L A 16	WE8-2541
Colo	C F L Co	1871 S Broadway, Denver 10	SP7-4381
Conn	Northeastern Industrial Sales	20 Main St. Essex	SO7-1856
Idah	C F L Co	1871 S Broadway, Denver 10, Colo	SP7-4381
Ill	Robinson & Associates	818 W Evergreen St. Chicago 22	MO4-1413
Ind	Warner, Kesler & Associates	P O Box 338, S Whitley	723-5353
Iowa	Service Tool & Engrg Co	521 S 7th St. Minneapolis 15, Minn	FE9-8613
Kan	Gene W Rankin Co	P O Box 131, Mission	HE2-3355
Ky	Warner, Kesler & Associates	P O Box 338, S Whitley, Ind	723-5353
La	Texas Avionics Co	4515 Prentice St. Dallas 6, Tex	TA6-2354
Me	Shelley Engrg Co	16 Mica Ln. Wellesley Hills, Mass	SO7-1639
Mass	Shelley Engrg Co	16 Mica Ln. Wellesley Hills	SO7-1639
Mich	Warner, Kesler & Associates	705 Buckingham Dr. Sturgis	OL1-6827
Minn	Service Tool & Engrg Co	521 S 7th St. Minneapolis 15	FE9-8613
Mo	Gene W Rankin Co	P O Box 131, Mission, Kan	HE2-3355
Neb	Gene W Rankin Co	P O Box 131, Mission, Kan	HE2-3355
Nev	E V Roberts & Associates	5068 W Washington Blvd. L A 16, Cal	WE8-2541
NH	Shelley Engrg Co	16 Mica Ln. Wellesley Hills, Mass	SO7-1639
NM	E V Roberts & Associates	112 C Tulane Dr SE, Albuquerque	AL5-7304
Ohio	Industrial Distributors, Inc	18234 S Miles Pkwy. Cleveland	GR5-1300
Okla	Texas Avionics Co	4515 Prentice St. Dallas 6, Tex	TA6-2354
Pa	Industrial Distributors, Inc	101 Homestead Ave. Duquesne	HO6-0866
RI	Shelley Engrg Co	16 Mica Ln. Wellesley Hills, Mass	SO7-1639
Tex	Texas Avionics Co	4515 Prentice St. Dallas 6	TA6-2354
Utah	C F L Co	1871 S Broadway, Denver 10, Colo	SP7-4381
Vt	Shelley Engrg Co	16 Mica Ln. Wellesley Hills, Mass	SO7-1639
Wis	Service Tool & Engrg	521 S 7th St. Minneapolis 15, Minn	FE9-8613
Wyo	C F L Co	1871 S Broadway, Denver 10, Colo	SP7-4381
For	Schueler & Co	75 Cliff St. New York 38, NY	BE3-4200
	CHEMPRINT CORP C Dixon A 280-1780-1785	**4000 Campbell, Menlo Park, Cal**	**DA3-1841**
Cal	Tucker Benz	23708 Archwood, Canoga Pk	
	CHEMTRONIC CORP F Wright #2 *100 D 220	**2950 Foster Creighton Dr Nashville 4 Tenn**	**AL4-5576**
Cal	Walco Sales	Box 2446, Sepulveda, Cal	EM2-6920
Ill	KaDell Sales Associates	5875 N. Lincoln Ave, Chicago, Ill	LO1-3042
Ind	Jack L Weber Agency	9007 El Rico Rd, Indianapolis, Ind	VI6-0144

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Iowa	Jerry Urbik Co	419 3rd St, S.E., Cedar Rapids, Iowa	EM5-0461
Mass	Abbett & Hustis	Box 293, Needham, Mass	HI4-5470
NY	Walter Onyx	P.O. Box 4, Mattydale, NY	GR9-6561
NY	Joseph Sprung Associates	254 W. 31st St, New York, NY	LO5-1820
Ohio	Browning & Associates	3066 E 116th St, Cleveland, Ohio	SK5-7472
Pa	Donald S Heare	1528 Spring Mill Rd, Gladwyne, Pa	LA5-9727
Canada	Prime Electronic Comp Ltd	868 Dundas Hwy E., Dixie, Ontario	AT9-3361
	CHENTRONICS INC S Chizner #3 *12 C 30-240-265-315-570-580-900-1240-1290-1755-1930	**870 E 52nd St. Brooklyn 3, NY**	**NA9-1300**
Ala	Stanley K Wallace & Associates	Box 67, Lutz, Fla	
Ariz	Mart Markman Co	4260 Lankershim Blvd, N. Hollywood, Cal	
Cal	Markman & Co	4260 Lankershim Blvd, N. Hollywood	
Cal	Bill Logan & Co	1477 S. Mayfair, Daly City, Cal	
Conn	Lawrence B Cole	21 Radcliffe Rd, Weston, Mass	
Del	Art Cerf & Co	744 Broad St, Newark, NJ	
DC	Art Cerf & Co	744 Broad St, Newark, NJ	
Fla	Stanley K Wallace & Assoc	Box 67, Lutz, Fla	
Ga	Stanley K Wallace & Assoc	Box 67, Lutz, Fla	
Ill	J K Rose & Co	1116 Linden Blvd, Highland Park, Ill	
Ind	Burton Hunsinger Co	2018 Jessie Ave. Ft Wayne	
Iowa	Collins Havercamp	6825 N. Baltimore, Kansas City 16, Mo	
Kan	Collins Havercamp	6825 N. Baltimore, Kansas City 16, Mo	
Me	Larry Cole & Co	21 Radcliffe Rd, Weston, Mass	
Md	Art Cerf & Co	744 Broad St, Newark, NJ	
Mass	Lawrence B Cole & Co	21 Radcliffe Rd, Weston, Mass	
Mich	James Flora Inc	Territorial at Ridgecrest, Plymouth	
Minn	Clark Gibb Co	2400 Hennepin Ave, Minneapolis, Minn	
Miss	Wallace Associates	Box 67, Lutz, Fla	
Mo	Collins Havercamp & Co	6825 N. Baltimore, Kansas City 16, Mo	
Neb	Collins Havercamp & Co	6825 N. Baltimore, Kansas City 16, Mo	
NH	Lawrence B Cole & Co	21 Radcliffe Rd, Weston, Mass	
NJ	Art Cerf & Co	744 Broad St, Newark, NJ	
NY	Art Cerf & Co	744 Broad St, Newark, NJ	
NC	Wallace Associates	Box 67, Lutz, Fla	
ND	Clark Gibb	2400 Hennepin Ave, Minneapolis, Minn	
Ohio	Neal Bear & Co	3425 Streetsboro Rd, W. Richfield, Ohio	
Ore	Roger Minthorne Co	0673 SW Taylor's Ferry Rd, Portland	
Pa	Art Cerf & Co	744 Broad St, Newark, NJ	
RI	Lawrence B Cole	21 Radcliffe Rd, Weston, Mass	
SC	Wallace Associates	Box 67, Lutz, Fla	
SD	Clark Gibb	2400 Hennepin Ave, Minneapolis, Minn	
Tenn	Wallace Associates	Box 67, Lutz, Fla	
Tex	Antel-Smith Sales	2721 Brookfield Ave, Dallas	
Vt	Lawrence B Cole	21 Radcliffe Rd, Weston, Ill	
Va	Art Cerf & Co	744 Broad St, Newark, NJ	
W.Va	Neal Bear Corp	3425 Streetsboro Rd, W. Richfield, Ohio	
Wisc	J K Rose & Co	1116 Linden Ave, Highland Pk, Ill	
Canada	Active Radio	58 Spadina Ave, Toronto, Canada	
	CHERRY ELEC'L PRODS CORP R Adolphus #7 *80 E 1735	**1650 Deerfield Rd, Highland Park, Ill**	**ID2-8182**
Ala	Mesco, Inc	2617 Jewel Rd, Largo, Fla	584-1171
Cal	John T Rietz	P.O. Box 768, Hollywood 28, Cal	NO1-4300
Del	Beall Electronic Sales Co	P.O. Box 907, Palo Alto, Cal	DA1-8501
Conn	Hatch-Hutchinson Assoc	Box 12, Manchester, Conn	MI3-0863
Del	Wm I Duncan & Associates	5452 Charles St, Philadelphia, Pa	CU9-7525
Fla	Mesco Inc	2617 Jewel Rd, Largo, Fla	JU4-1171
Ga	Mesco, Inc	2617 Jewel Rd, Largo, Fla	584-1171
Idah	Pacific Electric Sales Co	140 SE 28th Ave, Portland 14, Ore	BE5-4137
Ill	Heimann Co., The	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Ill	Wells-White Co	569 Melville, St. Louis 30, Mo	PA6-2511
Ind	Barney Menze	729 W. Packard Ave, Ft. Wayne, Ind	KE3171
Iowa	Heimann Co., The	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Kan	Wells-White Co	569 Melville St, Louis, Mo	PA6-2511
Ky	Barney Menze	729 W. Packard Ave, Fort Wayne, Ind	KE3171
Me	Hatch-Hutchinson Assoc	19 Kearney Rd, Needham Hts 94, Mass	HI4-1259
Md	Wm I Duncan & Associates	5452 Charles St, Philadelphia, Pa	CU9-7525
Mass	Hatch-Hutchinson Assoc	19 Kearney Rd, Needham Hts 94, Mass	HI4-1259
Mich	Robert H Jackson	10534 Ludlow Ave, Huntington Woods	LI2-5059
Minn	Heimann Co., The	1711 Hawthorne Ave, Minneapolis	FE2-5457
Mo	Wells-White Co	569 Melville St, Louis, Mo	PA6-2511
Mont	Pacific Electric Sales Co	140 SE 28th Ave, Portland 14, Ore	BE5-4137
Neb	Heimann Co., The	1711 Hawthorne, Minneapolis, Minn	FE2-5457
Nev	Beall Electronic Sales Co	P.O. Box 907, Palo Alto, Cal	DA1-8501
NH	Hatch-Hutchinson Assoc	19 Kearney Rd, Needham Hts 94, Mass	HI4-1259
NJ	D R Bittan Co	104 S. Central Ave, Valley Stream, NY	LO1-2444
NJ	Wm I Duncan & Associates	5452 Charles St, Philadelphia, Pa	CU9-7525
NY	G J Andres	961 Haward St, Rochester 10, NY	BR1-2200
NY	D P Bittan Co	104 S. Central Ave, Valley Stream, NY	LO1-2444
NC	Mesco, Inc	2617 Jewel Rd, Largo, Fla	584-1171
ND	Heimann Co., The	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Ohio	Barney Menze	729 W. Packard Ave, Fort Wayne, Ind	KE3171
Ohio	Walter Zelinger	P.O. Box 72, Parkman, Ohio	LI8-5373
Okla	Corwin Associates	P.O. Box 18112, Dallas 18, Tex	BR8-8251
Ore	Pacific Electric Sales Co	140 SE 28th Ave, Portland 14, Ore	BE5-4137
Pa	Wm I Duncan & Associates	5452 Charles St, Philadelphia, Pa	CU9-7525
RI	Hatch-Hutchinson Assoc	19 Kearney Rd, Needham Hts 94, Mass	HI4-1259
SC	Mesco, Inc	2617 Jewel Rd, Largo Fla	584-1171
SD	Heimann Co., The	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Tenn	Mesco, Inc	2617 Jewel Rd, Largo, Fla	584-1171
Tex	Corwin Associates	P.O. Box 18112, Dallas 18, Tex	BR8-8251
Vt	Hatch-Hutchinson Assoc	19 Kearney Rd, Needham Hts 94, Mass	HI4-1259
Va	Mesco, Inc	2617 Jewel Rd, Largo, Fla	584-1171
Va	Wm I Duncan & Assoc	5452 Charles St, Philadelphia, Pa	CU9-7525
Wash	Pacific Electric Sales Co	140 SE 28th Ave, Portland 14, Ore	BE5-4137
Wisc	The Heimann Co	6421 W Powell Pl, Milwaukee 12, Wisc	SP1-3810
Canada	Barry Electric Ltd	346 Bering Ave, Toronto 18, Ontario	BE3-8301
	CHESAPEAKE INSTRUMENT CORP T Horton #45 *120 E 338-870-1655-1850-1915	**100 Arwell Rd, Shadyside, Md**	**UN7-2151**
•	**CHESTER CABLE CORP. SUB TENNESSEE CORP** H Coffey #7 *170 E 190-1960	**Hill St. Chester, NY**	**HO9-2141**
Cal	J W Marsh Co	1485 Bayshore Blvd. San Francisco	JU7-4270
Cal	J W Marsh Co	4216 W. Jefferson Blvd, L A 16, Cal	RE2-0145
Colo	Slaybaugh Thompson Co	100 W. 13th Ave, Denver 4, Colo	AC2-5826

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Fla	C G Coppage Co	Box 95, Winter Park, Fla	MI4-6642
Ga	J E Joyner & Associates	Box 10821, Sta A, Atlanta 10	758-7497
Ill	R M Krueger Co	4738 N Harlem Ave. Chicago 31	UN7-7100
Ind	Warner, Kesler & Associates	P O Box 338, South Whitley	723-5353
Mass	Anthony-Brown Corp	21 Arlington Rd. Melrose 76	NO5-8124
Mich	Warner, Kesler & Associates	Box 126, Sturgis	OL1-6827
Minn	Edward Hoffman Co	180 Snelling Ave, N., St. Paul 4, Minn	MI4-4662
Mo	Buse Sales Co	924 N Benton St. St Charles	RA4-6667
NJ	Cooper Simon Cooper Inc	56 Melville Rd. Hillside	NO4-2676
NJ	Keefe Electronic Sales Co	228 E. Kings Hwy, Haddonfield, NJ	HA9-4690
NY	Cooper Simon Cooper Inc	410 E 79th St. New York City	LE5-2900
NY	Reed Tollefson Corp	2615 Monroe Ave. Rochester 18	GR3-2767
Ohio	A C Wahl Co., Inc	121 Mill St, Cincinnati 15, Ohio	VA1-3270
Ohio	R G Sidwell & Co	1229 Westlake Ave, Cleveland 7, Ohio	AC1-1313
Okla	Robert E Nesbitt Co	P O Box 3644, Tulsa	LU5-1234
Pa	Keefe Electronics Sales Co	Philadelphia	MA7-3454
Pa	R G Sidwell & Co	675 Princeton Blvd. Pittsburgh 21	CH2-1476
Tex	Robert E Nesbitt Co	3925 Cedar Springs, Dallas 1, Tex	RI7-5824
For	Carrington H Stone	205 W Wacker Dr. Chicago 6, Ill	RA6-7725
Canada	Eugen Moth & Associates	Dominion Sq Bldg, Montreal, Canada	UN1-6216
	CHICAGO AERIAL INDUSTRIES INC J Thompson #100 *600 F 775-885-1015-1330-1610	**550 W Northwest Hwy. Barrington, Ill**	**DU1-2400**
Cal	Chicago Aerial Industries	120 S. Glasgow, Inglewood, Cal	
DC	Chicago Aerial Industries	Cafritz Bldg, Washington, DC	
Ohio	Chicago Aerial Industries	30 W. First St, Dayton, Ohio	
	CHICAGO-ALLIS MFG CO D Bell #10 *300 D 1505-1545	**115 N. Green St, Chicago, Ill**	**MO6-5050**
	Sales Offices in all principal cities		
•	**CHICAGO CONDENSER CORP.** P Phillips *75 C 220-1135	**3255 W. Armitage Ave, Chicago 47, Ill**	**CA7-7070**
Cal	Lebell-Warren Assoc	1667 Laurel St. San Carlos	LY3-7983
Conn	A-D Assoc	891 Fulton St. Valley Stream, NY	VA5-8655
Fla	Components Sales Corp	Box 178, N. Miami Beach 62	WI5-7721
Fla	Components Sales Corp	Box 7067, St. Petersburg 34	7-7904
Ind	A C Wahl & Assoc. Inc	Richmond	2-2511
Ind	A C Wahl & Assoc. Inc	Evansville 14	GR7-0154
Iowa	Koenig-Myers Assoc	4538 Main St, KC 11, Mo	JE1-7221
Mo	Koenig Myers Assoc	4538 Main St, KC 11	JE1-7221
Neb	Koenig-Myers Assoc	4538 Main St, KC 11, Mo	JE1-7221
NJ	A-D Assoc	Hayes St. Warrensville, Plainfield	PL5-6743
NY	A-D Assoc	891 Fulton St. Valley Stream	VA5-8655
Ohio	A C Wahl & Assoc. Inc	Box 15213, Cinti 15	VA1-3270
Ohio	A C Wahl & Assoc. Inc	Dayton 16	CR7-1231
Ohio	Monatron	2165 Lorain Rd. Clove 26	ED1-3554
	CHICAGO DIAL CO B Kellick #3 *200 E 900	**1315 N Branch St, Chicago 22, Ill**	**WH3-4200**
Cal	A M Dresner	431 N Camden Dr, Beverly Hills, Cal	CR5-0108
Del	Wm Jacobs	515 Hydale Rd, Wilmington, Del	PO2-0294
Fla	Peirson-Deakins-McGinnis Co	3606 Tennessee Ave, Chattanooga, Tenn	AM6-6321
Ill	Lee Kantro	1315 N North Branch St, Chicago, Ill	WH3-4200
Ind	Lee Kantro	1315 N North Branch St, Chicago, Ill	WH3-4200
Ky	Bob Adler	7311 Reading Rd, Cincinnati, Ohio	EI 1-0046
Md	Wm Jacobs	515 Hydale Rd, Wilmington, Del	PO2-0294
NY	M L Levison	172-15 Hillside Ave, Jamaica	AX1-5610
Ohio	Bob Adler	7311 Reading Rd, Cincinnati, Ohio	EI1-0046
Pa	Wm Jacobs	515 Hydale Rd, Wilmington, Del	PO2-0294
Tenn	Peirson-Deakins-McGinnis Co	3606 Tennessee Ave, Chattanooga	AM6-6321
	CHICAGO DYNAMIC INDUSTRIES INC H Glick #14 *350 E 895-1735	**1725 Diversey Blvd, Chicago 14, Ill**	**WE5-4600**
Ala	Sales Engineering Assoc	305 N 90th St, Birmingham 6	VE3-5231
Ariz	Gramer & Co	444 W Camelback Rd, Phoenix, Ariz	CR9-1231
Cal	Long & Associates	505 Middlefield Rd, Redwood City	
Cal	Weightman & Associates	4329 Burbank Blvd, Burbank, Cal	VI9-2435
Colo	George E Harris & Co., Inc	2522 E Douglas, Wichita, Kan	MU2-2731
Conn	Abbett & Hustis	1253 Highland Ave, Needham 92, Mass	HI4-5470
Del	John Billis Sales Co	50 Ballad Ln, Levittown, NJ	TR7-3417
DC	John Billis Sales Co	50 Ballad Ln, Levittown, NJ	TR7-3417
Fla	Sales Engineering Assoc	P.O. Box 3725, St Petersburg	51-6032
Ga	Sales Engineering Assoc	305 N 90th St, Birmingham 6, Ala	VE3-5231
Ind	Delta Sales Inc	2136 E. 52nd St, Indianapolis 5, Ind	CL1-3564
Kan	George E Harris & Co., Inc	2522 E Douglas, Wichita, Kan	MU2-2731
Ky	Delta Sales, Inc	1126 Broad Fields Dr, Louisville, Ky	
Me	Abbett & Hustis	1253 Highland Ave, Needham 92, Mass	HI4-5470
Md	John Billis Sales Co	50 Ballad Ln, Levittown, NJ	TR7-3417
Mass	Abbett & Hustis	1253 Highland Ave. Needham	HI4-5470
Mass	Dan Greene Org Inc	P.O. Box 124, Cambridge 38, Mass	HI4-5470
Mich	Grant Shaffer Co	14241 Fenkell Ave, Detroit 27, Mich	BR3-5390
Minn	Mel Foster Co. Inc	2402 Hennepin Ave. Minneapolis, Minn	FR4-2612
Mo	George E Harris & Co., Inc	3527 Broadway Congress Bldg, Kan City	WE1-4684
Neb	George E Harris & Co	3527 Broadway, Kansas City, Mo	WE1-4884
NH	Abbett & Hustis	1253 Highland Ave, Needham, Mass	HI4-5470
NJ	John Billis Sales Co	50 Ballad Ln. Levittown	TR7-3417
NM	George E Harris & Co	2522 E Douglas, Wichita, Kan	MU2-2731
NY	S A M Assoc	150-08 87th Ave, Jamaica, NY	OL8-8881
NC	Sales Engineering Assoc	305 N 90th St, Birmingham, Ala	VE3-5231
Ohio	S Sterling Co	5827 Mayfield Rd, Cleveland, Ohio	HI2-8080
Ore	Paramount Technical Agencies	9210 28th NW Seattle, Wash	SU4-6447
Pa	Russell F Clark Co. Inc	717 Liberty Ave. at Wood, Pittsburgh, Pa	AT1-8095
RI	Abbett & Hustis	1253 Highland Ave, Needham, Mass	HI4-5470
SC	Sales Engineering Assoc	305 N 90th St, Birmingham, Ala	VE3-5231
Tenn	Sales Engineering Associates	305 N 90th St, Birmingham, Ala	VE3-5231
Tex	Branum Sales Inc	P.O. Box 14348, Dallas 34, Tex	
Vt	Abbett & Hustis	1253 Highland Ave, Needham, Mass	HI4-5470
Va	John Billis Sales Co	50 Ballad Ln, Levittown, NJ	TR7-3417
Wash	Paramount Technical Agencies	9210 28th, NW, Seattle	SU4-6447
W Va	Russel F Clark Co	717 Liberty Ave, At wood Pittsburgh, Pa	AT1-8089
Wis	E A Dickinson & Assoc	4117 N Green Bay Ave, Milwaukee	CO4-1080
For	J J MacQuarrie	45 St George St, Toronto 5, Can	WA1-2893

• INDICATES ADVERTISERS IN THIS ISSUE

FOR EXPLANATION OF SYMBOLS # * A 15 SEE PG. M

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	CHICAGO ELECTRONIC ENGINEERING CO	**3223 W. Armitage Ave, Chicago 47, Ill**	
	T Carroll #4 *97 D 1420-1855		
Ind	A C Wahl	525 W. Main, Richmond, Ind	
Md	J E McLean Sales Co	Box 4625, Baltimore	ID3-8481
Mich	R G Dailey Co	149 E Hoover, Ann Arbor	NO8-6908
Mo	Kelly-Schmitz-Winkeler Assoc	407 W 74th Terrace, Kansas City	EM1-5651
Mo	Kelly-Schmitz-Winkeler Assoc	2119 Hampton, St Louis	
Ohio	A C Wahl	121 Mill St, Cincinnati, Ohio	
Ohio	A C Wahl Co, Inc	4005 Ash Ave, Dayton	CR7-1230
Ohio	D Ross Sales Co	Box 314, Cleveland	PA9-9922
Va	J E McLean Sales Co	Box 256, Waynesboro	WH2-8678
	CHICAGO EXPANSION BOLT CO	**1338 W. Concord Pl, Chicago 22, Ill**	**EV4-1700**
	R Ralph E 125		
Cal	Chicago Expansion Bolt Co	226 Kansas St, San Francisco, Cal	UN3-4046
Cal	Chicago Expansion Bolt Co	1348 Venice Blvd, Los Angeles, Cal	
Colo	Chicago Expansion Bolt Co	1863 Wazee St, Denver 2	AL5-4973
Fla	Chicago Expansion Bolt Co	P O Box 4346, Jacksonville 1	EV9-2220
Ill	Chicago Expansion Bolt Co	6835 W. Higgins, Chicago, Ill	SP5-2144
La	Chicago Expansion Bolt Co	213 S. Front St, New Orleans, La	TU5184
Mass	Chicago Expansion Bolt Co	157 Federal St, Boston 10	LI2-7917
Mich	Chicago Expansion Bolt Co	5800 Elmer St, Detroit 10	LU4-4220
Minn	Chicago Expansion Bolt Co	2645 University Ave, St Paul 16	MI4-8331
Mo	Chicago Expansion Bolt Co	3887 Wilmington, St Louis 16	FL1-7645
NY	Chicago Expansion Bolt Co	11 Park Pl, New York 7	RE2-3139
NY	Chicago Expansion Bolt Co	P O Box 609, Binghamton	RA3-7661
Ohio	Chicago Expansion Bolt Co	7541 Montgomery Rd, Cincinnati	SY1-5267
Ohio	Chicago Expansion Bolt Co	Pioneer Trail, Aurora, Ohio	LO2-5861
Pa	Chicago Expansion Bolt Co	712 N 10th St, Philadelphia 30	PO5-7100
Pa	Chicago Expansion Bolt Co	9800 Mc Knight Rd, Pittsburgh 37	WE1-3633
Tenn	Chicago Expansion Bolt Co	1034 Ramma Dr, Memphis 16	EX8-3112
Tex	Chicago Expansion Bolt Co	100 Exchange Park N, Dallas 35	FL7-1559
Tex	Chicago Expansion Bolt Co	12201 Henry Cup, Houston 24	HO8-7541
Wash	Chicago Expansion Bolt Co	420 E 45th, Seattle 5	ME3-4133
Foreign	Chicago Expansion Bolt Co	Box 374, Arlington Heights, Ill	CL3-4466
	CHICAGO MINIATURE LAMP WORKS	**1500 N. Ogden Ave, Chicago 10, Ill**	**MO4-1741**
	J Moses #5 *150 E 505-885-990-1295-1875-1880		
Ala	Cartwright & Bean	560 S. Cooper St, Memphis 4, Tenn	BR6-4442
Alaska	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AL6470
Ariz	Howe & Howe	4328 N. 42nd Pl, Phoenix, Ariz	AM5-9185
Ark	Ernest L Wilks Co	1212 Camp St, Dallas, Tex	RI7-2637
Cal	E W Brandt Co	1122 Folsom St, San Francisco, Cal	HE1-0484
Cal	George Agency	101 W. Verdugo Ave, Burbank, Cal	VI9-3140
Cal	R Mark Markman	4260 Lankershim, N Hollywood	TR7-3368
Colo	Reitz Sales Co	1324 Bellaire St, Denver 20, Colo	EA2-6200
Conn	Hoffman Engineering Corp	153 R Sound Beach Ave, Old Greenwich	NE7-3557
Conn	Gerber Sales	Box 2917, New Haven 15, Conn	
Del	Harry Estersohn	5727 Wister St, Philadelphia 38, Pa	VI8-8484
DC	Harry Estersohn	5727 Wister St, Philadelphia 38, Pa	VI8-8484
Fla	Cartwright & Bean	20100 N.E. 25th Ct, N. Miami Beach, Fla	WI5-2962
Ga	Cartwright & Bean	3223 Cain's Hill Pl, N.W., Atlanta 5, Ga	CE7-2273
Haw	Dougherty Enterprises	149 Kaemi St, Kailua	
Idaho	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AL6470
Ill	George Petitt Co., Inc	349 N Ashland Ave, River Forest	FO9-8940
Ind	Burton F Horsher Co	2018 Jessie Ave, Ft. Wayne, Ind	EA4920
Iowa	Koenig-Myers Assoc	4538 Main St, Kansas City 11, Mo	JE1-7221
Kan	Koenig-Myers Assoc	4538 Main St, Kansas City 11, Mo	JE1-7221
Ky	Burton F Horsher Co	2018 Jessie Ave, Ft. Wayne, Ind	EA4920
La	Ernest L Wilks Co	1212 Camp St, Dallas 2, Tex	RI7-2637
Me	Gerber Sales Co., Inc	48 Pearl St, Brookline, Mass	BE2-2425
Md	Harry Estersohn	5727 Wister St, Philadelphia 38, Pa	VI8-8484
Mass	Gerber Sales Co., Inc	48 Pearl St, Brookline, Mass	BE2-2425
Mich	J Malcolm Flora Inc	N. Territorial At Ridgewood Plymouth	GL3-4296
Minn	Nick J Laub Co	2333 W. Wells, Milwaukee, Wisc	
Miss	Cartwright & Bean	3223 Cain's Hill Pl, N.W., Atlanta 5, Ga	CE7-2273
Mo	Koenig-Myers Assoc	4538 Main St, Kansas City, Mo	JE1-7221
Mont	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AL6470
Neb	Koenig-Myers Associates	4538 Main St, Kansas City 11, Mo	JE1-7221
Nev	E W Brandt Co	1122 Folsom St, San Francisco 3, Cal	HE1-0484
NH	Gerber Sales Co., Inc	Box 2917, New Haven 15, Conn	
NJ	Harry Estersohn	5727 Wister St, Philadelphia 38, Pa	VI8-8484
NJ	Jules J Bressler	4808 Bergenline Ave, Union City, NJ	UN4-9577
NM	Howe & Howe	4328 N. 42nd Pl, Phoenix, Ariz	AM5-9185
NY	Jules J Bressler	4808 Bergenline Ave, Union City, NJ	UN4-9577
NC	Cartwright & Bean	625 Harwyn Dr, Charlotte 5, NC	
ND	Nick J Laub Co	3749 W. Broadway, Minneapolis, Minn	
Ohio	Thomas Shelby & Co	319 S. Franklin St, New Bremen, Ohio	6511
Okla	Ernest L Wilks Co	1212 Camp St, Dallas 2, Tex	RI7-2637
Ore	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AL6470
Pa	Harry Estersohn	5727 Wister St, Philadelphia 38, Pa	VI8-8484
Pa	Thomas Shelby & Co	319 S. Franklin St, New Bremen, Ohio	6511
RI	Gerber Sales Co., Inc	48 Pearl St, Brookline, Mass	BE2-2425
SC	Cartwright & Bean	625 Harwyn Dr, Charlotte 5, NC	
SD	Nick J Laub Co	3749 W. Broadway, Minneapolis, Minn	
Tenn	Cartwright & Bean	560 S. Cooper St, Memphis, Tenn	BR6-4442
Tex	Ernest L Wilks Co	1212 Camp St, Dallas, Tex	RI7-2637
Vt	Gerber Sales Co., Inc	48 Pearl St, Brookline, Mass	BE2-2425
Va	Cartwright & Bean	560 S. Cooper St, Memphis, Tenn	BR6-4442
Wash	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AL6470
W.Va	Thomas Shelby & Co	319 S. Franklin St, New Bremen, Ohio	6511
Wis	George Petitt Co., Inc	349 N Ashland Ave, River Forest, Ill	FO9-8940
	CHICAGO MOLDED PRODUCTS CORP	**1020 N. Kolmar Ave, Chicago, Ill**	**DI2-9000**
	M Johnson *600 F 1290		
Ala	Southern Dynamics Inc	Box 5963, Homewood Br, Birmingham, Ala	
Fla	Southern Dynamics Inc	1910 W. Church St, Orlando, Fla	
Ga	Southern Dynamics Inc	290 Pinecrest Rd, N.E., Atlanta, Ga	
Ill	J Davidson	412 N. 7th St, Marshall, Ill	8492
Mich	A H Morse	16626 James Couzens Hwy, Detroit, Mich	UN3-9000
Minn	Walter Schmidt	2810 22nd Ave S, Minneapolis	
NY	Midlantic Sales Co	520 Fifth Ave, New York, NY	MU2-5944
Ohio	H A Paisley Co	23000 Lake Rd, Cleveland 16, Ohio	
Pa	Midlantic Sales Co	5 E. Athens Ave, Ardmore, Pa	MI9-2643
Wis	R Geisler	8326 W Rogers St, Milwaukee	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	CHICAGO RIVET & MACHINE CO	**Bellwood, Ill**	**LI4-5100**
	#10 *850 G 1490		
Ala	Gardner & Meredith	424 Georgia Ave, Chattanooga, Tenn	AM7-4971
Ala	Gardner & Meredith	424 Georgia Ave, Chattanooga, Tenn	AM7-4971
Ariz	C W Blair	1406 S. Grand Ave, Los Angeles, Cal	RI8-6191
Ark	Lynn Grace & Associates	420 Dermon Bldg, Memphis 3, Tenn	JA7-0657
Cal	C W Blair	1406 S. Grand Ave, Los Angeles, Cal	RI8-6191
Cal	Harry M Fisher	500 Florida St, San Francisco, Cal	HE1-1698
Colo	E C Swan	232 Dahlia St, Denver 7, Colo	EA2-4718
Conn	Jos M Murphy	Box 627, Manchester, Conn	MI6-2129
Del	R T Brosius	1617 Pennsylvania Blvd, Phila 3, Pa	LO3-6784
Fla	Gardner & Meredith	424 Georgia Ave, Chattanooga, Tenn	AM7-4971
Ga	Gardner & Meredith	424 Georgia Ave, Chattanooga, Tenn	AM7-4971
Idaho	E C Swan	232 Dahlia St, Denver 7, Colo	EA2-4718
Ill	A J Dunsmore	1315 N. 20th Ave, Melrose Park, Ill	FI3-6803
Ill	A J Dunsmore	2210 N. Knoxville Ave, Peoria, Ill	2-1953
Ind	D J Cashman	Box 2091 Sta A, Ft. Wayne, Ind	KE2876
Ind	Herbert Hoover	Columbus, Ind	DR6-8109
Iowa	Clancey Co	3844 Valdez Dr, Des Moines 10, Iowa	CR9-9102
Kan	Clancey Co	3844 Valdez Dr, Des Moines 10, Iowa	CR9-9102
Ky	Herbert Hoover	Columbus, Ind	DR6-8109
La	Lynn Grace Associates	Dermon Bldg, Memphis 3, Tenn	JA7-0657
Me	Jos M Murphy	Box 627, Manchester, Conn	MI6-2129
Md	R T Brosius	1617 Pennsylvania Blvd, Phila 3, Pa	LO3-6784
Mass	Jos M Murphy	Box 627, Manchester, Conn	MI6-2129
Mich	M F McManus	18450 Livernois Ave, Detroit 21, Mich	UN4-7267
Mich	John F Sinclair	190 Monroe NW, Grand Rapids, Mich	GL6-9338
Minn	A J Dunsmore	1457 Woodlyn Ave, St. Paul 13, Minn	FE6-0812
Miss	Lynn Grace Assoc	Dermon Bldg, Memphis 3, Tenn	JA7-0657
Mo	Clancey Co	3527 Broadway, Kansas City 11, Mo	WE1-3090
Neb	Clancey Co	3527 Broadway, Kansas City 11, Mo	WE1-3090
NH	Joseph M Murphy	Box 627, Manchester, Conn	MI9-2129
NJ	R S Christie & Co	175 5th Ave, New York 10, NY	GR7-4226
NJ	R T Brosius	1617 Pennsylvania Blvd, Phila 3, Pa	LO3-6784
NY	R S Christie & Co	175 - 5th Ave, New York 10, NY	GR7-4226
NY	Carl H Reineck & Sons	4515 Main St, Buffalo 26, NY	CI3866
NC	Lynn Grace Assoc	Dermon Bldg, Memphis 3, Tenn	JA7-0657
Ohio	E F O'Malley	865 W Central Ave, Toledo, Ohio	CH2-7281
Ohio	Carl H Reineck & Sons	17138 Lorain Ave, Cleveland 11, Ohio	CL1-8535
Okla	E C Swan	232 Dahlia St, Denver, Colo	EA2-4718
Ore	Robert A Hunter	417 - 34th St, Seattle, Wash	EA0874
Pa	R T Brosius	1617 Pennsylvania Blvd, Phila, Pa	LO3-6784
Pa	Carl H Reineck & Sons	231 Jonquil Pl, Pittsburgh, Pa	LO1-9226
RI	Jos M Murphy	Box 627, Manchester, Conn	MI9-2129
SC	Lynn Grace & Associates	Dermon Bldg, Memphis 3, Tenn	JA7-0657
Tenn	Lynn Grace & Assoc	Dermon Bldg, Memphis, Tenn	JA7-0657
Vt	Jos M Murphy	Box 627, Manchester, Conn	MI9-2129
Va	Lynn Grace	Dermon Bldg, Memphis, Tenn	JA7-0657
Wash	Robert A Hunter	417-34th St, Seattle, Wash	EA0874
Wisc	A J Dunsmore	924 E. Juneau Ave, Milwaukee, Wisc	BR2-0500
Foreign	M R Domitzer	201 W. Wells, Chicago, Ill	CE6-7126
	CHICAGO SCREW CO	**2701 Washington Blvd, Bellwood, Ill**	
	125-645-1120-1205-1535		
	CHICAGO TEL. OF CAL. INC	**1010 Sycamore Ave. S. Pasadena, Cal**	**CL5-7186**
	#1 *100 E 320-1330-1475-1735-1855		
Ariz	Carl Hower	340 Marshall Ave, Scottsdale, Ariz	WH6-3860
Cal	International Resistance Co	1136 N. LaBrea Blvd, Hollywood, Cal	HO6-2191
Cal	Logan & Stone	1485 Bayshore Blvd, San Francisco, Cal	DE4-1200
Cal	E B Schwerin	4922 La Gama Way, Santa Barbara	WO7-6529
Mo	E B Schwerin	4210 Main St, Kansas City, Mo	WE1-7564
Ore	Richard Legg Co	1633 N.W. 21st Ave, Portland 9, Ore	
Wash	Richard Legg Co	1565 6th Ave. S. Seattle 4	MU2-7764
	CHICAGO THRIFT-ETCHING CORP	**1555 N. Sheffield Ave, Chicago, Ill**	**MI2-1630**
	M Erickson *185 E 895-1190-1245-1295-1605		
Ala	T S Stone Co	3718 Oakhurst Dr, Knoxville, Tenn	8-1969
Ariz	Howe & Howe	4325 N 42nd Pl, Phoenix	AM5-9185
Ark	T S Stone Co	3713 Oakhurst Dr, Knoxville, Tenn	8-1969
Ark	L E Offutt Co, Inc	1497 S Rozelle St, Memphis, Tenn	BR4-0235
Cal	Paul D Jacobs	420 Market St, San Francisco, Cal	YU2-7266
Cal	R W Fletcher	2803 Loomis, Long Beach 11, Cal	GA2-1936
Conn	Johnson Assoc	81 Merrimack St, Lowell, Mass	GL2-0413
Nev	Paul D Jacobs	420 Market St, San Francisco, Cal	YU2-7266
NH	Johnson Assoc	81 Merrimack St, Lowell, Mass	GL2-0413
NJ	William Weber	377 Broadway, New York 13, NY	CA6-5090
NJ	W F Satterthwaite	103 E. Township Line Rd, Upper Darby, Pa	SU9-9600
NY	William Weber	377 Broadway, New York 13, NY	CA6-5090
NY	W F Devitt	35 Maricrest Dr, Rochester 16	UN5-5098
NC	W F Satterthwaite	103 E. Township Line Rd, Upper Darby, Pa	SU9-9600
ND	Paul L Ceppini	3425 E. 25th St, Minneapolis 6, Minn	PA2-9322
Ohio	William Olsen & Associates Inc	21C55 Lorain Rd, Fairview Park, Ohio	ED1-0697
Ohio	W H Broxterman	2430 Central Pkwy, Cincinnati 14, Ohio	CH1-1623
Okla	M E Bettis	3706 Broadway St, Kansas City 11, Mo	LO0772
Ore	The Stephen Thurlow Co	1912 Minor Ave, Seattle 1, Wash	MU2-5488
Pa	W F Satterthwaite	103 E. Township Line Rd, Upper Darby, Pa	SU9-9600
Pa	Chester S Fischer	Standard Life Bldg, Pittsburgh, Pa	AT1-0319
RI	Johnson Assoc	81 Merrimack St, Lowell, Mass	GL2-0413
SC	W F Satterthwaite	103 E. Township Line Rd, Upper Darby, Pa	SU9-9600
SD	Paul L Ceppini	3425 E. 25th St, Minneapolis 6, Minn	PA2-9322
Tenn	L E Offutt Co, Inc	1492 S Rozelle St, Memphis	BR4-0235
Tex	Robert E Nesbitt Co	1925 Cedar Springs, Dallas 1, Tex	RI7-9824
Vt	Johnson Assoc	81 Merrimack St, Lowell, Mass	GL2-0413
Va	W F Satterthwaite	103 E. Township Line Rd, Upper Darby, Pa	SU9-9600
Wash	The Stephen Thurlow Co	1912 Minor Ave, Seattle 1, Wash	MU2-5488
W. Va	Chester S Fischer	Standard Life Bldg, Pittsburgh, Pa	AT1-0319
Wisc	R L Johnson	258 E. Wells St, Milwaukee 2, Wisc	BR6-2728
Del	W F Satterthwaite	103 E. Township Line Rd, Upper Darby, Pa	SU9-9600
DC	W F Satterthwaite	103 E. Township Line Rd, Upper Darby, Pa	SU9-9600
Ga	T S Stone Co	3718 Oakhurst Dr, Knoxville, Tenn	8-1969
Idaho	The Stephen Thurlow Co	1912 Minor Ave, Seattle 1, Wash	MU2-5488
Ill	Meiners Sales Co, Inc	7500 Natural Bridge Rd, St Louis 21, Mo	EV3-4833
Ind	Charles P Ray	R R #1, Hope	ME6-6288
Kan	M E Bettis Co	3706 Broadway St, Kansas City 11, Mo	LO0772
Me	Johnson Assoc	81 Merrimack St, Lowell, Mass	GL2-0413
Md	W F Satterthwaite	103 E. Township Line Rd, Upper Darby, Pa	SU9-9600
Mass	Johnson Assoc	81 Merrimack St, Lowell	GL2-0413
Mich	J Haney Smith	15324 Mack Ave, Detroit 24, Mich	TU5-5220

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Minn	Paul L Ceppini	3425 E. 25th St, Minneapolis 6, Minn	PA2-9322
Miss	L E Offutt Co, Inc	1492 S Rozelle St, Memphis, Tenn	BR4-0235
Miss	T S Stone Co	3718 Oakhurst Dr, Knoxville, Tenn	8-1969
Mo	Maury E Bettis Co	3706 Broadway St, Kansas City 11	LO0772
Mo	Meiners Sales Co, Inc	7500 Natural Bridge Rd	EV3-4833
	CHICAGO TRANSPARENT, INC	**4806 W Chicago Ave, Chicago 51, Ill**	**ES8-6566**
	J Ravin C 1220-1290		
	CHICOPEE MILLS INC LUMITE DIV	**47 Worth St, New York 13, NY**	**WO6-1000**
	A Lee *60000 G 765		
Ala	Morris F Taylor Co	1224 Dresden Dr, N., Charlotte, NC	KE7-4878
Alaska	Don Kohler	11532 4th Ave, N.E., Seattle 55, Wash	
Ariz	Charles A Hansen	1406 S. Grand Ave, Los Angeles, Cal	
Ark	Macrae Smith Co	Box 35113, Dallas 35, Tex	BL3-2006
Cal	Logan & Logan	254 12th St, San Francisco, Cal	
Cal	Charles & Hansen	1406 S. Grand Ave, Los Angeles, Cal	
Colo	Hyde Electronics Co	888 S. Lipan St, Denver, Colo	WE6-3456
Conn	Near Inc	99 Highland Ave, Somerville, Mass	PR6-2262
Del	Morris F Taylor Co	275 Bryn Mawr Ave, Lansdowne, Pa	MA2-0383
DC	Morris F Taylor Co	3601 Adams Dr, Silver Spring, Md	WH6-3569
Fla	Morris F Taylor Co	4304 Cotorro St, Tampa, Fla	PO1-5353
Ga	Morris F Taylor Co	Box 368, East Point, Ga	62-4171
Idaho	Don Kohler	11532 4th Ave, N.E., Seattle 55, Wash	
Ill	Walter F Marsh Co	6951 S. East End Ave, Chicago, Ill	EU6-2667
Iowa	Collins-Havercamp Assoc Inc	6825 N. Baltimore, Kansas 16, Mo	GL3-4497
Kan	Collins Havercamp Assoc Inc	6825 N. Baltimore, Kansas 16, Mo	GL3-4497
Ky	Cecil Baatz Sales Co	3535 Homer Dr, Indianapolis 19, Ind	UN2-4717
La	Macrae Smith	Box 19387, Houston 24, Tex	HO5-7780
Me	Near Inc	99 Highland Ave, Somerville, Mass	PR6-2262
Md	Morris F Taylor Co	208 Queen Mary Dr, Olney, Md	WA4-5475
Mass	Near Inc	99 Highland Ave, Somerville, Mass	PR6-2262
Mich	Paul Wilson Sales Co	15806 Turney Rd, Maple Heights, Ohio	MO2-3280
Minn	Felleisen Associates	5231 Humboldt Ave, S., Minneapolis 19, Minn	SP7-1060
Miss	Macrae Smith	Box 19387, Houston 24, Tex	HO5-7780
Mo	Collins Havercamp Assoc Inc	6825 N. Baltimore, Kansas, Mo	GL3-4497
Mont	Hyde Electronic Co	2803 Connor St, Salt Lake City, Utah	IN7-5763
Neb	Hyde Electronic	2803 Connor St, Salt Lake City, Utah	IN7-5763
Nev	Collins Havercamp	6825 N. Baltimore, Kansas 16, Mo	GL3-4497
NH	Near Inc	99 Highland Ave, Somerville, Mass	PR6-2262
NJ	Jack Brown Associates	207 Rosedale Dr, Yonkers, NY	SP9-7330
NM	Hyde Electronics	5206 Constitution Ave, N.E., Albuquerque	AM8-1111
NY	Jack Brown Assoc	157 Rawlinson Rd, Rochester, NY	
NY	Jack Brown Associates	207 Rosedale Rd, Yonkers, NY	SP9-7330
NC	Morris F Taylor Co	1224 Dresden Dr, W. Charlotte, NC	KE7-4878
ND	Felleisen Assoc	5231 Humboldt Ave, S., Minneapolis 19, Minn	SP7-1060
Ohio	Paul Wilson Sales Co	15506 Turney Rd, Maple Heights, Ohio	MO2-3280
Okla	Macrae Smith	Box 35113, Dallas 35, Tex	BL3-2006
Ore	Don Kohler	11532 4th Ave, N.E., Seattle, Wash	
Pa	Morris F Taylor Co	5436 Young Ridge Dr, Pittsburgh 36, Pa	OL5-7712
Pa	Morris F Taylor Co	275 Bryn Mawr Ave, Lansdowne, Pa	MA2-0383
RI	Near Inc	99 Highland Ave, Somerville, Mass	PR6-2262
SC	Morris F Taylor Co	1224 Dresden Dr, W. Charlotte, NC	KE7-4878
SD	Felleisen Assoc	5231 Humboldt Ave, S., Minneapolis 19, Minn	SP7-1060
Tenn	Morris F Taylor Co	2396 Connally Dr, East Point, Ga	PO1-5353
Tex	Macrae Smith	Box 35113, Dallas 35, Tex	BL3-2006
Utah	Hyde Electronics Co	2803 Connor St, Salt Lake City, Utah	IN7-5763
Vt	Near Inc	99 Highland Ave, Somerville, Mass	PR6-2262
Va	Morris F Taylor	3601 Adams Dr, Silver Spring, Md	WH6-3569
Wash	Don Kohler	11532 4th Ave, N.E., Seattle, Wash	
W.Va	Morris F Taylor Co	5436 Youngridge Dr, Pittsburgh 36, Pa	OL5-7712
Wisc	Felleisen Assoc	5231 Humboldt Ave, S., Minneapolis 19, Minn	SP7-1060
Wyo	Hyde Electronics	888 S. Lipan St, Denver, Colo	WE6-3456
	CHISHOLM INDUSTRIES LIMITED	**Electronic St, Port Moody, B.C., Canada**	
	55-180-325-895-1245-1425-1845-1870-1895		
•	**CHRISTIE ELECTRIC CORP**	**3410 W. 67 St, Los Angeles 43, Cal**	**PL3-2607**
	F Benjamin #6 *100 255-895-1340		
Ala	Southeast Engineering Co	3223 Cain's Hill Pl, N.W., Atlanta, Ga	CE7-2273
Ark	Southeast Engineering Co	3223 Cain's Hill Pl, N.W., Atlanta 5, Ga	CE7-2273
Cal	C R Dalton Associates	1037 Laurel St, San Carlos,	LY1-2654
Cal	David G Duneas Co	3651 Gerrem St, San Diego 6,	AC4-2401
Colo	Parrish Electronics	2131 S Albion, Denver 22	SK6-9455
Conn	Schaal Assoc, Inc	11 Muzzey St, Lexington, Mass	VO2-3578
Del	Chester F Paddock	Box 152, Silver Spring, Md	JU9-6554
DC	Chester F Paddock	Box 152, Silver Spring, Md	JU9-6554
Fla	Southeast Engineering Co	2505 Nancy St, Orlando	GA5-8284
Ga	Southeast Engineering Co	3223 Cain's Hill Pl, N.W., Atlanta 5, Ga	CE7-2273
Ill	Kenneth W Meyers Co	6713 N. Oliphant Ave, Chicago 31, Ill	SP4-6440
Ind	Kenneth W Meyers Co	6713 N. Oliphant Ave, Chicago 31, Ill	SP4-6440
Iowa	Kenneth W Meyers Co	6713 N. Oliphant Ave, Chicago 31, Ill	SP4-6440
Kan	L J Mayfield Co	713 Brookfield Rd, Wichita 6, Kan	MU6-7531
La	Southeast Engineering Co	821 Pontalba St, New Orleans	HU8-2264
Me	Schaal Assoc, Inc	11 Muzzey St, Lexington, Mass	VO2-3578
Md	Chester F Paddock	P.O. Box 152, Silver Spring, Md	JU9-6554
Mass	Schaal Assoc, Inc	11 Muzzey St, Lexington	VO2-3578
Minn	Wood Clemens Co	1645 Hennepin Ave, Minneapolis 3, Minn	FE9-7707
Miss	Southeast Engineering Co	3223 Cain's Hill Pl, N.W., Atlanta, Ga	CE7-2273
Mo	L J Mayfield Co	713 Brookfield Rd, Wichita 6, Kan	MU6-7531
Nev	C R Dalton Associates	1037 Laurel St, San Carlos, Cal	LY1-2654
NH	Schaal Assoc, Inc	11 Muzzey St, Lexington, Mass	VO2-3578
NJ	L & M Assoc	511 Victor St, Saddle Brook	DI3-3770
NM	Parrish Electronics	1104 S. St. Paul, Denver 10, Colo	SK6-9455
NY	L L Schley Corp	109 Kinne Rd, DeWitt	HA6-2065
NY	L & M Assoc	511 Victor St, Saddle Brook, NJ	DI3-3770
NC	Southeast Engineering Co	525 Harwyn Dr, Charlotte	FR6-8648
ND	Wood Clemens Co	1645 Hennepin Ave, Minneapolis 3, Minn	FE9-7707
Ohio	George H Olmer	Box 34, Sta D, Dayton 10, Ohio	AX3-3761
Okla	L J Mayfield Co	713 Brookfield Rd, Wichita 6, Kan	MU6-7531
Pa	Chester F Paddock	Box 152, Silver Spring, Md	JU9-6554
Pa	L & M Assoc	438 W Clapier St, Philadelphia 44	GE8-5686
RI	Schaal Assoc, Inc	11 Muzzey St, Lexington, Mass	VO2-3578
SC	Southeast Engineering Co	3223 Cain's Hill Pl, N.W., Atlanta, Ga	CE7-2273
SD	Wood Clemens Co	1645 Hennepin Ave, Minneapolis 3, Minn	FE9-7707
Tenn	Southeast Eng Co	560 S Cooper St, Memphis	BR6-4442
Tex	L J Mayfield Co	713 Brookfield Rd, Wichita 6, Kan	MU6-7531
Utah	Parrish Electronics	1104 S. St. Paul, Denver 10, Colo	SK6-9455

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Vt	Schaal Assoc, Inc	11 Buzzey St, Lexington, Mass	VO2-3578
Va	Chester F Paddock	Box 192, Silver Spring, Md	JU9-6554
W. Va	Chester F Paddock	Box 192, Silver Spring, Md	JU9-6554
Wisc	Kenneth Ulmeyers Co	3713 N. Elephant Ave, Chicago 31, Ill	SP4-6440
Wisc	Wood Clemans Co	1645 Hennepin Ave, Minneapolis 3, Minn	FE9-0707
Wyo	Parrish Electronics	1904 S. St. Paul, Denver 10, Colo	SK6-9455
Can	Automotive Engineering Products	147 Hymus Blvd, Pointe Claire, Que	OX7-0810
Foreign	The Export Co	2165 Ridgemont Dr, Los Angeles 41, Cal	CL6-1473
•	**CHRISTMAN INDUSTRIES INC**	**1542 61st St, Brooklyn, NY**	**DE1-6072**
	M Christman #5 *80 A 180-260-1245-1390-1630		
Ala	Candor Co., The	208 Lincoln St, Huntsville	JE9-8831
Ark	Edward F Aymond Co	P O Box 6595, Dallas, Tex	LA6-5233
Cal	McKnight Co	1436 El Camino Real, Menlo Park	DA6-3702
Conn	John Hines Co	1181 Longhill Rd, Cheshire	BR2-8747
Fla	Candor Co, The	P O Box 1224, Orlando	GA2-9848
Ga	Candor Co., The	162 Talmada Rd, Oak Ridge, Tenn	OA5-1311
Ill	R C Whitmore & Associates	520 N. Michigan Ave, Chicago, Ill	MO4-1904
Ind	R C Whitmore	520 N. Michigan Ave, Chicago, Ill	MO4-1904
Iowa	R C Whitmore	520 N. Michigan Ave, Chicago, Ill	MO4-1904
La	Edward F Aymond Co	P O Box 6595, Dallas, Tex	LA6-5233
Me	John Hines Co	1181 Longhill Rd, Cheshire, Conn	BR2-8747
Mass	John Hines Co	1181 Longhill Rd, Cheshire, Conn	BR2-8747
Mich	R C Nordstrom & Co	218 Briggs Bldg, Birmingham, Mich	JO4-6129
Minn	R C Whitmore	520 N. Michigan, Chicago, Ill	MO4-1904
Miss	Edward F Aymond Co	PO Box 6595, Dallas, Tex	LA6-5233
NH	John Hines Co	1181 Longhill Rd, Cheshire, Conn	BR2-8747
NJ	Land C Air Sales Co	76 Main St, Tuckahoe, NY	WO1-4700
NY	Land C Air Sales Co	76 Main St, Tuckahoe, NY	WO1-4700
NC	Candor Co., The	2081 Beach St, Winston-Salem	PA2-1432
Okla	Edward F Aymond Co	PO Box 6595, Dallas, Tex	LA6-5233
Tenn	Candor Co, The	162 Talmada Rd, Oak Ridge	OA5-1311
Tex	Edward F Aymond Co	PO Box 6595, Dallas	LA6-5233
Vt	John Hines Co	1181 Longhill Rd, Cheshire, Conn	BR2-8747
Va	Candor Co, The	2081 Beach St, Winston-Salem, NC	PA2-1432
Wash	R H Cooley	101 Jones Bldg, Seattle 1	MU2-4567
Wisc	R C Whitmore & Associates	520 N. Michigan Ave, Chicago, Ill	MO4-1904
	CHRONO-LOG CORP	**Box 4587, Philadelphia 31, Pa**	**HI6-1816**
	A Froilich #2 *7 A 40-338-360-895		
Ala	Vaughn Sales & Eng Co	512 N 18th St, Birmingham 3, Ala	AL1-0312
Ariz	R A Mayes Co	6601-B Montana Ave, El Paso, Tex	PR8-2825
Ark	N S Brown Associates	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Cal	J S Kempf Co	10304 Prairie Ave, Inglewood 2, Cal	OR4-2165
Conn	Wild & Associates, Inc	Box 293, Framingham, Mass	TR2-2061
Conn	Wild & Associates Inc	1519 Northern Blvd, Roslyn, NY	MA1-8660
Del	Wild & Associates Inc	P.O. Box 95, Southampton, Pa	LO8-7078
DC	Wild & Associates Inc	2523 Wilson Blvd, Arlington, Va	JA4-2274
Fla	Vaughn Sales & Eng Co	512 N 18th St, Birmingham 3, Ala	AL1-0312
Ga	Vaughn Sales & Eng Co	512 N 18th St, Birmingham 3, Ala	AL1-0312
Iowa	Eng Products Assoc	1821 University Ave, St Paul 4, Minn	MI6-3443
Kan	N S Brown Associates, Inc	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
La	Vaughn Sales & Eng Co	512 N 18th St, Birmingham 3, Ala	AL1-0312
Me	Wild & Associates, Inc	Box 293, Framingham, Mass	TR2-2061
Md	Wild & Associates Inc	2523 Wilson Blvd, Arlington, Va	JA4-2274
Mass	Wild & Associates, Inc	Box 293, Framingham, Mass	TR2-2061
Minn	Engineering Products Associates Inc	1821 University Ave, St Paul 4, Minn	MI6-3443
Miss	Vaughn Sales & Eng Co	512 N 18th St, Birmingham 3, Ala	AL1-0312
Mo	N S Brown Associates	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Nev	J S Kempf Co	10304 Prairie Ave, Inglewood 2, Cal	OR4-2165
NH	Wild & Associates, Inc	Box 293, Framingham, Mass	TR2-2061
NJ	Wild & Associates Inc	1519 Northern Blvd, Roslyn, NY	MA1-8660
NM	R A Mayes Co	6601-B Montana Ave, El Paso, Tex	PR8-2825
NY	Wild & Associates Inc	1519 Northern Blvd, Roslyn, NY	MA1-8660
ND	Engineering Products Associates Inc	1821 University Ave, St.Paul 4, Minn	MI6-3443
Okla	N S Brown Associates	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Pa	Wild & Associates Inc	P.O. Box 95, Southampton, Pa	LO8-7078
RI	Wild & Associates, Inc	Box 293, Framingham, Mass	TR2-2061
SD	Engineering Products Associates Inc	1821 University Ave, St. Paul 4, Minn	MI6-3443
Tenn	Vaughn Sales & Eng Co	512 N 18th St, Birmingham 3, Ala	AL1-0312
Tex	R A Mayes Co	6601-B Montana Ave, El Paso, Tex	PR8-2825
Tex	N S Brown Associates	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Vt	Wild & Associates, Inc	Box 293, Framingham, Mass	TR2-2061
Va	Wild & Associates, Inc	2523 Wilson Blvd, Arlington, Va	JA4-2274
Wis	Eng Products Assoc	1821 University Ave, St Paul 4, Minn	MI6-3443
	CHU ASSOCIATES	**P.O.Box 387, Littleton, Mass**	**GL6-3282**
	I Feigen #10 *50 D 45-650-850-865-1135-1200		
Cal	Chu Associates	800 Fesler St. El Cajon	HI2-9459
•	**CHURCHILL LIGHTING CORP**	**344 Franklin St, Melrose 76, Mass**	**NO5-4700**
	#3 *20 B 180-230-675-790-865-1245-1360		
Ala	E C Raymond & Associates	P.O. Box 8215, Madeira Beach, Fla	SA7-6126
Ariz	E V Roberts & Assoc	340 N Marshall Ave. Scottsdale	WH7-1381
Ark	Kay Sales Co	26 Grand Ave, Kansas City 8, Mo	BA1-3800
Cal	E V Roberts & Associates	5068 W. Washington Blvd, L A 16, Cal	WE3-5731
Cal	E V Roberts & Associates	1560 Laurel St, San Carlos, Cal	LY3-7078
Cal	E V Roberts & Associates	4179-30th St, San Diego 4, Cal	AT3-2149
Colo	R E Vinson	Box 8363, University Pk Sta, Denver 10	SU9-2851
Del	Ken Randall Co	121 N. Broad St, Philadelphia 7, Pa	LO4-2151
DC	E R Hitchcock & Associates	734-15th St, N.W., Washington, DC	EX3-5635
Fla	E C Raymond & Associates	Box 8215, Madeira Beach, Fla	SA7-6126
Ga	E C Raymond & Assoc	Box 151, Decatur	37[illegible]-7516
Ill	Bauman & Bluzat	4140 W Fullerton St. Chicago	HU6-6809
Ind	Bauman & Bluzat	4140 W Fullerton St. Chicago, Ill	HU6-6809
Iowa	Bauman & Bluzat	4140 W Fullerton St. Chicago, Ill	HU6-6809
Kan	Kay Sales Co	400 N. Emporia St, Wichita, Kan	HO4-[illegible]
Md	Ken Randall Co	1300 [illegible] Ave, Baltimore 28, Md	R17-5260
Minn	Fred B Hill Co	6110 Excelsior Blvd, Mnnpls 16, Minn	WE9-6727
Mo	Kay Sales Co	2600 Grand Ave, Kansas City 8, Mo	BA1-3800
Neb	Kay Sales Co	2600 Grand Ave, Kansas City 8, Mo	BA1-3800
Nev	E V Roberts & Assoc	340 N Marshall Ave, Scottsdale, Ariz	WH7-1381
NJ	E R A Inc	340 Great Neck Rd, Great Neck, NY	HU2-9320
NM	E V Roberts & Assoc	5100 Grand Ave. NE, Albuquerque	AL5-2644
NY	E R A Inc	340 Great Neck Rd, Great Neck, NY	HU2-9320
ND	Fred B Hill Co	6110 Excelsior Blvd, Mnnpls 16, Minn	WE9-6727
Ohio	Jay Engineering Co	1721 E. Third St, Dayton 3, Ohio	CL3-2151
Ohio	Jay Engineering Co	5413 Pearl Rd, Cleveland 9, Ohio	TU4-[illegible]

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Pa	Ken Randall Co	121 N. Broad St, Philadelphia 7, Pa	LO4-2151
SD	Fred B Hill Co	6110 Excelsior Blvd, Mnnpls 16, Minn	WE9-6727
Utah	Vinson Associates	Box 865, Salt Lake City	EL5-4164
Va	Ken Randall Co	121 N. Broad St, Philadelphia 7, Pa	LO4-2151
Wisc	Bauman & Bluzat Co	2753 W. North Ave, Chicago 47, Ill	HU6-6809
Wyo	Raymond E Vinson	University Park Sta, Denver 10, Colo	SU9-2851
Canada	Lake Engineering Co Ltd	123 Manville Rd, Scarborough, Ont, Can	PL7-3253
	CIBA PRODUCTS CORP	**Fair Lawn, NJ**	**SW1-1122**
	M Gruber *500 1290		
Ala	Thompson-Hayward Chemical Co	Box 4068, Sta F, New Orleans 18, La	UN6-[illegible]
Alaska	Great Western Chemical Co	6900 Fox Ave, Seattle 8, Wash	PA5-6350
Ariz	Dorsett & Jackson Inc	3800 Noakes St, Los Angeles 23, Cal	AN8-1815
Ark	Harry A Baumstark & Co	6801 Hoffman Ave, St. Louis 9, Mo	MI7-1234
Cal	Dorsett & Jackson Inc	3800 Noakes St, Los Angeles 23, Cal	AN8-1815
Colo	Thompson-Hayward Chemical Co	1501 W. 13th Ave, Denver 4, Colo	KE4-1281
Conn	D H Litter Co., Inc	291 N. Harvard St, Allston 34, Mass	AL4-1882
Del	Geo A Rowley & Co., Inc	937 N. Front St, Philadelphia 23, Pa	MA7-3077
DC	The A B Kohl Sales Co	4615 Edmondson Ave, Baltimore 29, Md	LO6-3667
Fla	Charles L Burks & Co	Box 1666, High Point, NC	882-1551
Ga	Charles L Burks & Co	Box 54, East Point, Ga	PO6-3571
Idaho	Great Western Chemical Co	3720 N.W. Yeon, Portland, Ore	
Ill	Fred A Jensen & Associates	510 N. Dearborn St, Chicago 10, Ill	SU7-[illegible]
Ind	Indiana Naval Stores Co	401 W. 17th St, Indianapolis 2, Ind	WA3-2431
Iowa	Harry A Baumstark & Co	6801 Hoffman Ave, St. Louis 9, Mo	MI7-1234
Kan	Thompson-Hayward Chemical Co	Box 2097, Wichita 2, Kan	AM5-[illegible]
Ky	C L McGuire & Co	137 St. Matthews Ave, Louisville 7, Ky	TW6-8743
Ky	Harry A Baumstark & Co	6801 Hoffman Ave, St. Louis 9, Mo	MI7-1234
La	Thompson-Hayward Chemical Co	213 Beech St, Shreveport, La	3-4992
Me	D H Litter Co., Inc	291 N. Harvard St, Allston 34, Mass	AL4-1882
Md	The A B Kohl Sales Co	4615 Edmondson Ave, Baltimore 29, Md	LO6-3667
Mass	D H Litter Co., Inc	291 N. Harvard St, Allston 34, Mass	AL4-1882
Mich	A E Fleming Co	1300 E. Jefferson Ave, Detroit 7, Mich	LO7-[illegible]
Minn	Thompson-Hayward Chemical Co	909 2nd St, S., Minneapolis 15, Minn	FE2-5394
Miss	Harry A Baumstark & Co	6801 Hoffman Ave, St. Louis 9, Mo	MI7-1234
Mo	Harry A Baumstark & Co	6801 Hoffman Ave, St. Louis 9, Mo	MI7-1234
Mont	Thompson-Hayward Chemical Co	1501 W. 13th Ave, Denver 4, Colo	KE4-1281
Neb	Harry A Baumstark & Co	6801 Hoffman Ave, St. Louis 9, Mo	MI7-1234
Nev	Wm C Loughlin & Co	400 Montgomery St, San Francisco 4, Cal	SU1-5582
NH	D H Litter Co., Inc	291 N. Harvard St, Allston 34, Mass	AL4-1882
NJ	D H Litter Co., Inc	116 E. 16th St, New York 3, NY	SP7-4410
NJ	Geo A Rowley & Co., Inc	937 N. Front St, Philadelphia 23, Pa	MA7-3077
NM	Thompson-Hayward Chem Co	Box 823, Lubbock, Tex	PO3-2831
NY	Commercial Chemicals Inc	211 Hertel Ave. Buffalo	TR3-3800
NY	D H Litter Co., Inc	116 E. 16th St, New York 3, NY	SP7-4410
NC	Charles L Burks & Co	P.O. Box 1666, High Point, NC	HI2-1551
ND	Thompson-Hayward Chemical Co	909 2nd St, S., Minneapolis 15, Minn	FE2-5394
Ohio	Theodore C Kimel Inc	3142 Losantiville Rd. Cincinnati 13	JE1-6203
Ohio	J H Hinz Co	Rockefeller Bldg, Cleveland 13, Ohio	CH1-[illegible]73
Okla	Harry A Baumstark & Co	6801 Hoffman Ave, St. Louis 9, Mo	MI7-1234
Ore	Great Western Chemical Co	3720 N.W. Yeon, Portland, Ore	
Pa	John D Butts	Grant Bldg, Pittsburgh 19, Pa	AT1-7680
Pa	Geo A Rowley & Co., Inc	937 N. Front St, Philadelphia 23, Pa	MA7-3077
RI	D H Litter Co., Inc	291 N. Harvard St, Allston 34, Mass	AL4-1882
SC	Charles L Burks & Co	Box 1666, High Point, NC	882-1551
SD	Thompson-Hayward Chemical Co	909 2nd St, S., Minneapolis 15, Minn	FE2-5394
Tenn	Charles L Burks & Co	Box 1666, High Point, NC	882-1551
Tex	Chemicals International Inc	Prudential Bldg, Houston 25, Tex	JA2-4141
Tex	Thompson-Hayward Chemical Co	Box 6226, Dallas 22, Tex	FE1-6521
Vt	D H Litter Co., Inc	291 N. Harvard St, Allston 34, Mass	AL4-1882
Va	The A B Kohl Sales Co	4615 Edmondson Ave, Baltimore 29, Md	LO6-3667
Wash	Great Western Chemical Co	6900 Fox Ave, Seattle 8, Wash	PA5-6350
W. Va	John D Butts	Grant Bldg, Pittsburgh 19, Pa	AT1-7680
Wisc	Fred A Jensen & Associates	510 N. Dearborn St, Chicago 10, Ill	SU7-[illegible]
Wyo	Thompson-Hayward Chemical Co	1501 W. 13th Ave, Denver 4, Colo	KE4-1281
•	**CICOIL CORP**	**13833 Saticoy St. Van Nuys, Cal**	**ST1-3440**
	B Gay #3 *28 190-585-795-1960		
Ariz	Fred Schoeffler Assoc	5822 S Wilshire Dr. Tucson	
Cal	Aerol Associates, Inc	3691 Curtis St. San Diego	CY6-6818
Cal	Aerol Associates, Inc	1177 University Dr. San Francisco	DA1-1014
Colo	Aerol Associates, Inc	Denver Club Bldg. Denver	TA5-2046
Conn	Aerol Associates, Inc	820 Park Ave. Bloomfield	CH2-5586
Fla	Aerol Associates, Inc	920 Orange Ave. Winter Park	MI4-0311
Ga	Aerol Associates, Inc	1617 Thompson Ave. East Point	
Ill	Aerol Associates, Inc	410 Green Bay Rd. Kenilworth	AL1-9300
Kan	Aerol Associates, Inc	5920 Mall Ave. Mission	HE2-8212
Kan	Aerol Associates, Inc	6631 E Kellogg, Wichita 7	MU3-7421
Md	Aerol Associates, Inc	5803 York Rd. Baltimore 12	DR7-8110
Mass	Aerol Associates, Inc	161 Lexington St. Waltham	TW4-7850
Mich	Aerol Associates, Inc	18505 W 8 Mile Rd. Detroit	KE7-7070
Minn	Aerol Associates, Inc	3424 E Lake St. Minneapolis	PA4-0246
Mo	Aerol Associates, Inc	Lambert, St Louis	PE1-6853
NJ	Aerol Associates, Inc	1180 Raymond Blvd. Newark	MA3-0336
NY	Aerol Associates, Inc	171 Great Neck Rd. Great Neck	HU7-9650
NY	Aerol Associates, Inc	103 Pickwick Rd. Dewitt	GI6-4560
Ohio	Aerol Associates, Inc	7719 Reading Rd. Cincinnati 37	VA1-4898
Tex	Aerol Associates, Inc	314 N East St. Arlington	CR5-2400
Wash	Aerol Associates, Inc	422 1st Ave. W, Seattle 99	AT2-5260
	CIMCO WIRE & CABLE CO	**303 Crescent Ave, Allendale, NJ**	**DA7-2522**
	190-1960		
Cal	Harry Appleton Co	196 San Fernando Rd, Los Angeles 31	CA5-5611
Fla	George F Bohmer	Orlando, Fla	GA5-[illegible]
Mass	Forsberg Electric Sales Co	125 Perkins Ave, Brockton, Mass	JU3-0334
Minn	Edward Hoffman Co	187 N. Snelling Ave, St. Paul 4, Minn	
NJ	Edwin B Hinck	270 N. Mountain Ave, Upper Montclair, NJ	PI6-2625
NY	Edwin B Hinck	270 N. Mountain Ave, Upper Montclair, NJ	PI6-2625
NY	Harry H Corcoran	E. Morris Ave, Tabor, NJ	
Pa	Harry J Corcoran	E. Morris Ave, Tabor, NJ	
Tex	Robert E Nesbitt Co	1925 Cedar Springs, Dallas, Tex	RI7-5824
	CINAUDAGRAPH INC	**7334 N. Clark St, Chicago 26, Ill**	**SH3-7010**
	R Smith #4 *60 D 895-1855		
For	Carrington H Stone	205 W Wacker Dr, Chicago, Ill	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
•	**CINCH MFG CO**	**1026 S. Homan Ave, Chicago 24, Ill**	**NE2-2000**
	R Corner #25 *1200 G 345-925-975-1135-1315-1580-1630-1780-1785		
Cal	Cinch Mfg. Co	727 Industrial Way, San Carlos	LY1-8875
Cal	Cinch Mfg Co	1700 W. 8th St, Los Angeles 17	HU3-[illegible]
Cal	Graphic Circuit Div	200 S. Turnbull Canyon, City of Industry	ED3-1201
DC	S K Macdonald Inc	3308 14th St. NW, Washington 10	CO5-3938
Fla	Cartwright & Bean	2100 N. E. 29th Ct, N. Miami Beach	WI5-2962
Fla	Cartwright & Bean	2100 NE 29th Ct. N. Miami Beach	WI5-2962
Fla	Cartwright & Bean	2535 Nancy St. Orlando	GA5-8284
Ga	Cartwright & Bean	3220 Cains Hill Pl, N.W., Atlanta	CE7-2273
Ind	Cinch Mfg. Co	4091 Millersville Rd. Indpls	LI7-2300
La	Cartwright & Bean	821 Pontalba St. New Orleans	HU8-2264
Md	S K Macdonald Inc	2016 Winford Rd. Baltimore 14	ID5-1760
Md	S K Macdonald Inc	119 Piping Rock Dr. Silver Spring	EV4-9212
Mass	Cinch Mfg Co	Wellesley Hills, Mass	CE5-741[illegible]
Mich	Cinch Mfg Co	2937 E. Grand Blvd, Detroit	TR3-[illegible]
Mich	Cinch Mfg Co	5031 Lake Forest Dr, Kalamazoo	FI5-[illegible]
NY	Cinch Mfg Co	475 Fifth Ave, New York 17	MU3-[illegible]
NY	Cinch Mfg Co	647 E. Warren Ave, Syracuse	HA2-[illegible]
NC	Cartwright & Bean	625 Harwyn Dr. Charlotte	333-2506
Ohio	Scott & Staffen Inc	1836 Euclid Ave, Cleveland	TO1-2626
Pa	Cinch Mfg. Co	3701 N. Broad St. Phila 40	BA5-4775
Pa	S K Macdonald Inc	1531 Spruce St. Phila 2	KI5-1205
Pa	S K Macdonald Inc	335 5th Ave, Pittsbgh 22	AT1-2253
Tenn	Cartwright & Bean	507 S. Cooper, Memphis	BR6-4442
Tex	Cinch Mfg Co	1500 Jackson St, Dallas	RI2-5911
Wash	Cinch Mfg. Co	Norton Bldg. Seattle	MA2-5821
Can	Cinch Mfg. Co	93 Yorkville Ave. Toronto, Ont	WA4-2157
Can	Cinch Mfg. Co	Shell Tower Bldg. Montreal, Que	UN6-7454
Canada	Cinch Mfg Co	Gage Ave & Beach Rd, Hamilton, Ontario	LI4-5791
	CINCINNATI SUB-ZERO PRODUCTS	**3930 E. Reading, Cincinnati 29, Ohio**	**PL1-8810**
	L Doherty #5 *69 C 250-370-895		
Ala	Automation Eqpt. Co	Box 5983, Birmingham 9	TR9-8764
Ariz	L H Freeman Co	5717 S. Broadway, L A 37, Cal	PL8-[illegible]
Cal	Harry M Smith & Assoc	134 Old County Rd. Belmont	LY3-7[illegible]
Cal	L H Freeman Co	5717 S. Broadway, Los Angeles	PL8-[illegible]2
Conn	L Heres De Wyk & Co., Inc	69 Main St, Ansonia, Conn	RE4-5681
Del	Precision Sales Co	8616 Georgia Ave, Silver Spring, Md	JU9-7690
DC	Precision Sales Co	8616 Georgia Ave, Silver Spring, Md	JU9-7690
Fla	Dilcher Eng. Co	988 Spring St. NW. Atlanta, Ga	TR6-7132
Ga	Dilcher Eng. Co	988 Spring St. NW. Atlanta	TR6-7132
Ill	Sherertz-Henderson Co	5707 W. Lake St, Chicago 44	CO1-1[illegible]32
Ind	S E Waller	3521 Harvard Blvd, Dayton 6, Ohio	CR5-4151
Iowa	Sherertz Henderson Co	5707 W. Lake St, Chicago 44, Ill	CO1-[illegible]
Kan	Lawrence L Hill	1635 Garland Ave, Wichita, Kan	AM7-[illegible]
Me	L Heres De Wyk & Co., Inc	69 Main St, Ansonia, Conn	RE4-5681
Md	Precision Sales Co	8616 Georgia Ave, Silver Spring, Md	JU9-7690
Mass	L Heres De Wyk & Co., Inc	69 Main St, Ansonia, Conn	RE4-5681
Mich	Schafter Eng. Co	9900 Livernois, Detroit 4	WE3-[illegible]
Miss	Automation Eqpt. Co	Box 5983, Birmingham, Ala	TR9-8764
NH	L Heres DeWyk & Co., Inc	69 Main St, Ansonia, Conn	RE4-5681
NJ	S E Waller	3521 Harvard Blvd, Dayton 6, Ohio	CR5-4151
NY	Keller Machinery Co	210 Highland at Colvin, Buffalo 3	BE5678
NY	Owens Machinery Corp	1804 Erie Blvd, Syracuse 1	GR2-[illegible]
NC	Precision Sales Co	8616 Georgia Ave, Silver Spring, Md	JU9-7690
Ohio	S E Waller	3521 Harvard Blvd, Dayton 6	CR5-4151
Okla	Lawrence L Hill	1635 Garland Ave, Wichita, Kan	AM7-[illegible]
RI	L Heres DeWyk & Co., Inc	69 Main St, Ansonia, Conn	RE4-5681
SC	Dilcher Eng. Co	988 Spring St. NW. Atlanta, Ga	TR6-7132
Tenn	Dilcher Eng. Co	988 Spring St. NW. Atlanta, Ga	TR6-7132
Tex	Lawrence L Hill	1635 Garland Ave, Wichita, Kan	AM7-[illegible]
Vt	L Heres DeWyk & Co., Inc	69 Main St, Ansonia, Conn	RE4-5681
Va	Precision Sales Co	8616 Georgia Ave, Silver Spring, Md	JU9-7690
Wash	Neil Winkoff	2700 Beacon Ave. Seattle 4	EA5-[illegible]
Wash	Precision Sales Co	8616 Georgia Ave, Silver Spring, Md	JU9-7690
	CINEMA ENGINEERING DIV AEROVOX CORP	**1100 Chestnut St, Burbank, Cal**	**VI9-5511**
	J Bodler #8 *145 E 50-320-670-1200-1475-1735		
Ala	Earl K Moore	5954 Louisville St, New Orleans, La	AU2407
Alaska	Frazar & Hansen	301 Clay St, San Francisco, Cal	EX2-5112
Ariz	R E McClendon Co	915 Yale Blvd, S.E., Albuquerque, NM	CH3-4551
Ark	Earl K Moore	5954 Louisville St, New Orleans, La	AU2407
Cal	David H Ross Co	538 El Camino Real, San Carlos	LY1-4411
Colo	Franklin Sales Co	2145 S. Clermont St, Denver, Colo	SK7-1371
Conn	Samuel C Hooker Inc	2 Winchester Pl, Winchester, Mass	PA9-2745
Del	Sinberkoff Sales Co	68 Hudson St, Hoboken, NJ	OL6-5211
DC	Aerovox Corp	1145-19th St, N.W., Washington 6, DC	NA8-4155
Fla	Earl K Moore	5954 Louisville St, New Orleans, La	AU2407
Hawaii	Frazar & Hansen	301 Clay St, San Francisco, Cal	EX2-5112
Idaho	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
Ind	Edwards-Lutne & Co	2123 E. 9th St, Cleveland 15, Ohio	TO1-5753
Iowa	Tom Hunter	4441 Irving Park, Chicago 41, Ill	SP7-2500
Ky	Edwards-Lutne & Co	2123 E. 9th St, Cleveland 15, Ohio	TO1-5753
La	Earl K Moore	5954 Louisville St, New Orleans, La	AU2407
Me	Samuel C Hooker Inc	2 Winchester Pl, Winchester, Mass	PA9-2745
Md	Aerovox Corp	1145-19th St, N.W., Washington 6, DC	NA8-4155
Mass	Samuel C Hooker Inc	2 Winchester Pl, Winchester	PA9-2745
Mich	Edwards-Lutne & Co.	2123 E. 9th St, Cleveland 15, Ohio	TO1-5753
Minn	A J Warner Co	5021-28th Ave, S., Minneapolis 17	PA9-7371
Miss	Earl K Moore	5954 Louisville St, New Orleans, La	AU2407
Mont	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
Nev	David H Ross Co.	538 El Camino Real, San Carlos, Cal	LY1-4411
NH	Samuel C Hooker Inc	2 Winchester Pl, Winchester, Mass	PA9-2745
NJ	Sydney H Baum	75-15 Fleet St, Forest Hills 75, NY	BO3-8101
NM	R E McClendon Co	915 Yale Blvd, S.E., Albuquerque	CH3-4551
NY	Sinberkoff Sales Co	68 Hudson St, Hoboken, NJ	OL6-5211
NY	Sydney H Baum	75-15 Fleet St, Forest Hills 75	BO3-8101
NC	Sinberkoff Sales Co	68 Hudson St, Hoboken, NJ	OL6-5211
ND	A J Warner Co	5021-28th Ave, S., Minneapolis 17, Minn	PA9-7371
Ohio	Edwards-Lutne & Co	2123 E. 9th St, Cleveland 15	TO1-5753
Okla	Robert E Nesbitt Co	1925 Cedar Springs, Dallas 1, Tex	RI7-5824
Ore	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
Pa	Edwards-Lutne & Co	2123 E. 9th St, Cleveland 15, Ohio	TO1-5753
Pa	Sinberkoff Sales Co	68 Hudson St, Hoboken, NJ	OL6-5211
RI	Samuel C Hooker Inc	2 Winchester Pl, Winchester, Mass	PA9-2745
SD	A J Warner Co	5021-28th Ave, S., Minneapolis 17, Minn	PA9-7371

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Tenn	Sinterkoff Sales Co	68 Hudson St, Hoboken, NJ	OL6-5211
Tex	Robert E Nesbitt Co	1525 Cedar Springs, Dallas 1	RI7-5074
Vt	Samuel C Hooker Inc	2 Winchester Pl, Winchester, Mass	PA9-2745
Va	Aeronex Corp	1145-19th St, N.W., Washington 6, DC	NA8-4355
Wash	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
W. Va	Aeronex Corp	1145-19th St, N.W., Washington 6, DC	NA8-4355
Foreign	Frazar & Hansen	301 Clay St, San Francisco, Cal	EX2-5112
	CIRCO CORP	**51 Terminal Ave. Clark, NJ**	**FU8-8600**
	S Carlson #5 *80 E 265-1075-1915-1940		
Ala	A J M Corp	1800 Central Ave, St. Petersburg, Fla	ST5-7793
Ariz	E V Roberts & Assoc	340 N Marshall Ave. Scottsdale	WH7-1391
Cal	Alert Supply Co	2941 E Davie Ave, Los Angeles	RA3-0541
Cal	Alert Supply Corp	803 Harrison St. San Francisco	KL2-0708
Cal	E V Roberts & Assoc	5068 W Washington Blvd. LA	WE8-2541
Colo	Sanford Co	1727 E 2nd St. Wichita, Kan	
Conn	Joseph P McInerney	8 Ivy Dr., Meriden	BE5-1074
Del	Circo Corp	401 N Broad St., Phila, Pa	WA2-3110
DC	Kalway Assoc. Inc	1725 Eye St. NW, Washington	FE8-4095
Fla	A J M Corp	1800 Central Ave, St. Petersburg	ST5-7793
Ga	A J M Corp	1800 Central Ave, St. Petersburg, Fla	ST5-7793
Ga	The Kay Co	5422 Finsbury Pl, Charlotte, NC	EM6-3102
Ill	Chemray Corp	10150 Roosevelt Rd, Westchester	FI4-3400
Ill	Whitmore & Assoc	520 N Michigan Ave. Chicago	MO4-1904
Ind	Engineering Prod	6220 E Washington St. Indpls	FL9-5374
Ind	Chase Co., The	PO Box 254, Indpls	ME5-8715
Kan	Sanford Co	1727 E 2nd St, Wichita	
Me	Donald E Whitman	92 Fessenden St. Portland	SP2-4261
Md	Kalway Assoc. Inc	1725 Eye St. NW, Washington, DC	FE8-4095
Mass	Chemical Corp	54 Waltham Ave, Springfield, Mass	RE9-5501
Mich	Raymond Pflug	18055 James Couzens Hwy, Detroit	UN4-2132
Mich	Baker Distributing Co	1105 W 11th St. Cleveland, Ohio	MA1-7131
Minn	W D Forbes Co	129 5th Ave, S.E., Minneapolis	FE8-6917
Mo	Sanford Co	1727 E 2nd St, Wichita, Kan	
Mo	Davies Supply & Mfg Co	4300 Meramec St, St. Louis, Mo	MO4-3333
Nev	E V Roberts & Assoc	5068 W Washington Blvd. L A, Cal	WE8-2541
NH	Walter R Sweet	274 South St. Concord	CA5-2342
NM	E V Roberts & Assoc	112C Tulane Dr. SE, Albuquerque	AL5-7004
NY	Circo Corp	51 Terminal Ave. Clark, NJ	BA7-0155
NY	Charles J Curran	220 Wellesley Rd, Syracuse	GR5-4437
NC	The Kay Co	5422 Finsbury Pl, Charlotte, NC	EM6-3102
Ohio	Baker Distr Co	1105 W 11th St. Cleveland	MA1-7131
Ohio	Circo Equipment Co	1440 W. 8th St, Cincinnati	MA1-0257
Ohio	Circo Equipment Co	1901 Euclid Ave, Cleveland	SU1-1852
Okla	Davies Supply & Mfg Co	614 W 17th St. Kansas City, Mo	BA1-2128
Ore	A E Creek Co	10050 NE 1st, Bellevue, Wash	GI4-7474
Pa	Circo Equipment Co	401 N. Broad St, Philadelphia	WA2-3110
Pa	Pitchford Scientific Instr Corp	502 Castle Shannon Blvd. Pittsburgh	LO3-2626
RI	Chemical Corp	54 Waltham Ave, Springfield, Mass	RE9-5501
Tex	Gay Sales Co	420 Sul Ross St. Houston	JA9-3479
Tex	Gay Sales Co	Box 8414, Dallas	EM3-2325
Tex	Davies Supply & Mfg Co	2547 Farrington St. Dallas	RI7-5423
Utah	Sanford Co	Box 120, Foothill Sta. Salt Lake City	
Vt	Louis Lavin	6 Gorgetti Blvd. Rutland	PR3-9463
Va	The Key Co	5422 Finsbury Pl, Charlotte, NC	EM6-3102
Wash	A E Creek Co	10050 NE 1st, Bellevue	GI4-7474
W. Va	The Key Co	5422 Finsbury Pl, Charlotte, NC	EM6-3102
Wisc	O'Donahue Sales Co	3018 N. Hubbard St, Milwaukee	WO2-3280
Can	B W Deane & Co	236 St Augustin St. Montreal, Que	WE5-7493
Can	Electrodesign	5124 St Lawrence Blvd. Montreal, Que	DN9-5194
For	Paul E Moss & Co	97 Warren St. New York, NY	BA7-7270
•	**CIRCON COMPONENT CORP**	**Santa Barbara Airport, Goleta, Cal**	**WO7-1113**
	C Spofford #5 *20 C 280-345-615-770-990-1205-1535-1940		
Cal	R V Weatherford Co	6921 San Fernando Rd, Glendale 1	VI9-2471
Ill	Harry Halinton Engineers	6400 N. Lincoln Ave, Chicago 46	RO3-2132
Mass	Brookdale Engineering & Services Co	5 Beacon St, Boston 8	CA7-1515
NY	Terminal Electronic Inc	236 W. 17th St, New York 11	WO4-3311
NY	Davis Electronics Corp	204 Main St, Hempstead	IV3-9200
NY	Stack Electronics Inc	25 State St, Binghamton	3-7337
Wash	Marsh Agencies	2601 First Ave, Seattle 2	MA2-8701
Wash	F B Connelly Co	1015 Republican St, Seattle 9	MA4-4155
	CITY CHEMICAL CORP	**132 W. 22nd St, New York 11, NY**	**WA9-2723**
	***60 E 240-265-445-1125-1290**		
•	**CLAREX CORP**	**19 W 26th St. New York 10, NY**	
	V Schell #6 *65 C 235		
Ariz	Moxon Electronics Corp	489 S Robertson Blvd. Beverly Hills, Cal	BR2-9311
Cal	Moxon Electronics Corp	489 S Robertson Blvd. Beverly Hills, Cal	BR2-9311
Conn	Bordewieck Eng. Sales Co	221 Grove St. S Braintree 85, Mass	VI3-0845
Del	Samuel A Dixon	208 Russel Ave. Barrington, NJ	LI7-7383
DC	Samuel A Dixon	208 Russell Ave. Barrington, NJ	LI7-7383
Ga	Samuel A Dixon	208 Russel Ave. Barrington, NJ	LI7-7383
Ill	Thomas B Hunter	4441 W Irving Park Rd. Chicago 41, Ill	SP7-2500
Iowa	Heimann Co., The	1711 Hawthorne Ave. Minneapolis 3, Minn	FE2-5457
Kan	Heimann Co., The	1711 Hawthorne Ave. Minneapolis 3, Minn	FE2-5457
Me	Bordewieck Eng. Sales Co	221 Grove St. S Braintree 85, Mass	VI3-0845
Md	Samuel A Dixon	208 Russel Ave. Barrington, NJ	LI7-7383
Mass	Bordewiek Eng. Sales Co	221 Grove St. S Braintree 85, Mass	VI3-0845
Mich	Daniel J Clifford	623 Fischer Bldg. Detroit 2, Mich	TR5-3544
Minn	Heimann Co., The	1711 Hawthorne Ave. Minneapolis 3, Minn	FE 2-5457
Mo	Heimann Co., The	1711 Hawthorne Ave. Minneapolis 3, Minn	FE2-5457
Neb	Heimann Co., The	1711 Hawthorne Ave. Minneapolis 3, Minn	FE2-5457
Nev	Moxon Electronics Corp	489 S Robertson Blvd. Beverly Hills, Cal	BR2-9311
NH	Bordewieck Eng. Sales Co	221 Grove St. S Braintree 85, Mass	VI3-0845
NJ	Samuel A Dixon	208 Russell Ave. Barrington, NJ	LI7-7383
NM	Moxon Electronics Corp	489 S Robertson Blvd. Beverly Hills, Cal	BR2-9311
NC	Samuel A Dixon	208 Russell Ave. Barrington, NJ	LI7-7383
ND	Heimann Co., The	1711 Hawthorne Ave. Minneapolis 3, Minn	FE2-5457
Ohio	Edmund Frost	14545 Chelmsford Rd. Cleveland 24, Ohio	HI2-9040
Pa	Samuel A Dixon	208 Russell Ave. Barrington, NJ	LI7-7383
RI	Bordewieck Eng. Sales Co	221 Grove St. S Braintree 85, Mass	VI3-0845
SC	Samuel A Dixon	208 Russell Ave. Barrington, NJ	LI7-7383
SD	Heimann Co., The	1711 Hawthorne Ave. Minneapolis 3, Minn	FE2-5457
Vt	Bordewieck Eng. Sales Co	221 Grove St. S Braintree 85, Mass	VI3-0845
Va	Samuel A Dixon	208 Russell Ave. Barrington, NJ	LI7-7383
W Va	Samuel A Dixon	208 Russell Ave. Barrington, NJ	LI7-7383
Wis	Heimann Co., The	1711 Hawthorne Ave. Minneapolis 3, Minn	FE2-5457
Wis	Thomas B Hunter	4441 W Irving Park Rd. Chicago 41, Ill	SP7-2500
For	Sylvan Ginsbury, Ltd	8 W 40th St. NYC 18, NY	LO4-7585
	CLARE & CO., C P	**3101 W. Pratt Blvd, Chicago 45, Ill**	**AM2-7700**
	C Smith #60 *1600 G 1460-1735		
Cal	C P Clare & Co	6047 Hollywood Blvd, Los Angeles 28	HO2-7209
Cal	C P Clare & Co	55 New Montgomery St, San Francisco 5	YU2-7532
DC	C P Clare & Co	906 Tower Bldg, Washington 5, DC	EX3-1337
Fla	W Ben Wimberly Co	523 S Fort Harrison Ave. Clearwater	446-7072
Fla	W Ben Wimberly Co	203 N. Lucerne Circle, Orlando, Fla	GA5-3083
Ga	J E Joyner & Associates	2258 Cascade Rd, S.W., Atlanta 10	PL8-7496
Hawaii	Radio Wholesale & Supply Co	610 Ward St, Honolulu 14, Hawaii	
Ill	C P Clare & Co	3101 W. Devon Ave, Chicago 45, Ill	AM2-7700
Kan	Helger Sales	9920 Nall Ave, Mission, Kan	RA2-2441
Mass	De Veer Sales Engineering Co	1452 Highland Ave, Needham 92, Mass	HI4-4200
Minn	C P Clare & Co	P.O. Box 6103, Minneapolis 24, Minn	TA4-7064
NM	R E McClanahan Co	815 Yale, S.E., Albuquerque, NM	CH3-4591
NY	C P Clare & Co	420 Lexington Ave. NY 17	MU4-1772
NY	C P Clare & Co	420 Lexington Ave, New York 17, NY	MU4-1772
Ohio	Baehr Greenleaf & Associates	14700 Detroit Ave, Cleveland 7, Ohio	AC1-9080
Okla	Robert E Nesbitt Co	1324 E 17th Place, Tulsa	RI3-3521
Pa	C P Clare & Co	101 N. 33rd St, Philadelphia 4, Pa	EV6-3305
Tex	Ray H Hilton	48 E Hazard, Houston 5, Tex	JA8-3011
Tex	Robert E Nesbitt Co	1525 Cedar Springs, Dallas 1, Tex	RI7-5074
Wash	C B Parsons & Co	3228 1st Ave, Seattle 1, Wash	MU2-6780
Can	C P Clare Canada Ltd	840 Caledonia Rd, Toronto 19, Ont	ME3-6793
For	C P Clare, Ltd	70 Dudden Hill Ln. London NW 10, Eng	
For	Europelec les Clayes-sous-Bois	(S.-et-O) France	
For	Westrex Australia Pty, Ltd	18 Clarence St, Sydney NSW	
For	Westrex Co. Orient	Central, Box 700, Tokyo, Jap	
	CLARK CONTROLLER CO	**1145 E. 152nd St, Cleveland 10, Ohio**	**UL1-2800**
	R Whitehill #84 *1084 G 350-360-895-1150-1330-1460-1475-1480-1735		
Ala	Clark Controller Co	1707 Reese St, Birmingham 3, Ala	TR6-3457
Ariz	Roy E Coulson Co	8200 N. Third Ave, Phoenix, Ariz	WI3-8035
Ark	Gregory-Salisbury & Co	500 E Markham St. Little Rock	FR5-1383
Ark	V H Peterson	3216 E. 21st Pl, Tulsa, Okla	WE9-0290
Cal	Clark Controller Co	4755 E. 49th St, Los Angeles 58, Cal	LU3-6366
Cal	Clark Controller Co., The	1070 Yosemite Ave. San Francisco 24	VA6-0550
Colo	Peterson Co	4949 Colorado Blvd, Denver 16, Colo	DE3-5434
Conn	Clark Controller Co	P.O. Box 4203, Hamden, Conn	AT8-4535
Del	Clark Controller Co., The	119 Coulter Ave, Ardmore, Pa	GR7-0707
DC	Clark Controller Co., The	2219 Maryland Ave. Baltimore 18, Md	BE5-7282
Fla	John S McWhorter, Inc	45 NE 73rd St, Miami 37	PR9-4122
Ga	Clark Controller Co., The	590 Armour Circle, NE, Atlanta 9	073-3232
Ill	Clark Controller Co	9137 W. Ogden Ave, Brookfield, Ill	BI2-1517
Ill	Clark Controller Co., The	7 N Brentwood Blvd. St Louis 5, Mo	PA7-7278
Ind	Clark Controller Co	504 Broadway, Gary, Ind	TU2-1515
Ind	Clark Controller Co., The	2360 E 38th St. Indianapolis 20	ME6-4100
Iowa	Clark Controller Co., The	1802 Hall St, Bettendorf	355-0316
Kan	Fleming & Co	3021 Main St, Kansas City 8, Mo	PL3-0111
Ky	Clark Controller Co., The	3342 Erie Ave. Cincinnati 8, Ohio	TR1-0410
Ky	Ensign Elec & Mfg Co	914 Adams Ave, Huntington, W Va	JA2-8343
La	Butler & Land, Inc	1122 Dryades St. New Orleans 13	524-0968
La	Butler & Land, Inc	1945 Line Ave. Shreveport	422-0697
Me	Clark Controller Co	369 Boylston St, Newton Centre, Mass	BI4-8200
Md	Clark Controller Co	2419 Maryland Ave, Baltimore 18, Md	BE5-7282
Mass	Clark Controller Co., The	369 Boylston St. Newton Centre	BI4-8200
Mich	Clark Controller Co., The	13802 W 7 Mile Rd, Detroit 35	VE8-2735
Minn	H R Harris Co	807 13th Ave, S., Minneapolis 4, Minn	FE6-4368
Miss	Gregory-Salisbury & Co	350 N Mart Plaza, Jackson	EM2-1671
Mo	Fleming & Co	3021 Main St, Kansas City 8, Mo	PL3-0111
Mo	Clark Controller Co., The	7 N Brentwood Blvd. St Louis 5	PA7-7278
Mont	H M Denny Co	3410 16th Ave. W, Seattle 99, Wash	AT4-0530
Neb	Frank Clatterbaugh	7414 Page St. Omaha 14	391-2905
Nev	C W Silver Co	550 W. 7th South St, Salt Lake City 4, Utah	EL5-5378
Nev	Clark Controller Co., The	4755 E 49th St. Los Angeles 58, Cal	LU3-6366
NH	Clark Controller Co	369 Boylston St, Newton Centre, Mass	BI4-8200
NJ	Clark Controller Co	60 E. 42nd St, New York 17, NY	MU2-1743
NJ	Clark Controller Co., The	119 Coulter Ave. Ardmore, Pa	GR7-0707
NM	Associated Engineers	614 1/2 Fitzgerald Rd. NW, Albuquerque	DI4-7661
NY	Clark Controller Co	283 E. Delavan Ave, Buffalo 15, NY	TA1484
NY	Clark Controller Co	60 E. 42nd St, New York 17, NY	MU2-1743
NY	Clark Controller Co., The	907 Monroe St. Rochester 20	GR3-8610
NY	Clark Controller Co., The	2105 W Genesee St. Syracuse 4	HU8-7106
NC	Ranson Wallace & Co	116 1/2 E. 4th St, Charlotte 2, NC	ED4-4244
ND	H R Harris Co	807 13th Ave, S., Minneapolis 4, Minn	FE6-4368
Ohio	Clark Controller Co	3342 Erie Ave, Cincinnati 8, Ohio	TR1-0410
Ohio	Clark Controller Co., The	21 N Arlington St. Akron 5	HE4-3129
Ohio	Clark Controller Co., The	13878 Cedar Rd, Cleveland 18	ER1-3600
Ohio	Clark Controller Co., The	3119 Market St. Youngstown 7	ST2-1131
Ohio	Clark Controller Co., The	3783 N High St. Columbus 14	AM2-9666
Okla	V H Peterson	3216 E. 21st Pl, Tulsa, Okla	WE9-0290
Ore	Andrew L Pulich Inc	734 N W Glisan St, Portland	CA3-6241
Pa	Clark Controller Co	119 Coulter Ave, Ardmore, Pa	GR7-0707
Pa	Clark Controller Co	2802 W. Liberty Ave, Pittsburgh 16, Pa	LO1-3542
RI	Clark Controller Co	369 Boylston St, Newton Centre, Mass	BI4-8200
SC	Ranson Wallace & Co	116 1/2 E. 4th St, Charlotte 2, NC	ED4-4244
SD	Frank Clatterbaugh	7414 Page Ave. Omaha 14, Neb	391-2905
Tenn	Gregory-Salisbury & Co	240 S. Parkway, E., Memphis 6, Tenn	WH8-0496
Tex	Butler & Land Inc	5530 Dyer St, Dallas 6, Tex	EM1-6531
Tex	Industrial Equipment Co	6931 Navigation Blvd, Houston 11, Tex	WA8-5431
Utah	C W Silver Co	550 W. 7th South St, Salt Lake City	EL5-5378
Vt	Clark Controller Co	369 Boylston St, Newton Centre, Mass	BI4-8200
Va	Ranson Wallace & Co	Box 4762, W. Hampton Sta, Richmond 21	AT8-4758
Wash	Andrew L Pulich Inc	734 N W Glisan St, Portland 9, Ore	CA3-6241
Wisc	Clark Controller Co	6000 W. Lincoln Ave, Milwaukee 19, Wisc	LI3-5633
Wyo	Peterson Co	4949 Colorado Blvd, Denver 16, Colo	DE3-5434
For	W H Gottfried	16 de Sept #10-304, Mexico 1, DF	18-63-65
Foreign	Clark Controller Co	60 E. 42nd St New York 17, NY	MU2-1743
Foreign	Clark Controller Co	4755 E. 49th St, Los Angeles 58, Cal	LU3-6366
•	**CLARK CRYSTAL CO**	**Farm Rd. Marlboro, Mass**	**HU5-1411**
	F Clark #2 *26 B 410-415-895-1215		
	CLARK ELECTRONIC LABS	**P.O. Box 165, Palm Springs, Cal**	**FA8-2210**
	D Clark #3 *17 C 360-1850		
	CLARKSON LABS INC	**1450 Ferry Ave. Camden 4, NJ**	**WO6-5200**
	***50 E 30-265-315-1915**		
•	**CLAROSTAT MFG CO INC**	**Dover, NH**	**SH2-1120**
	F Chamberlain #35 *1400 F 895-1330-1475-1480-1735-1800		
Ala	James Millar Associates	1036 Peachtree St, N.E., Atlanta 9, Ga	TR6-0919
Alas	Samuel N Stroum Co	621 S Michigan St, Seattle, Wash	PA3-7310
Ariz	Perlmuth Electronic Associates	3930 E Thomas Rd, Phoenix	AM4-4594
Ark	J Y Schoonmaker Co	5328 Redfield, Dallas 35, Tex	LA6-7238
Cal	Perlmuth Electronic Associates	5057 W. Washington Blvd, Los Angeles	WE1-1041
Cal	Bill Kalans & Co	219 California Dr, Burlingame, Cal	DI4-7111
Colo	Connors Inc	5403 E Evans Ave. Denver 22	SK6-9417
Conn	Henry P Segel Co., Inc	386 Washington St, Brookline 46, Mass	BE2-7525
Fla	James Millar Associates	Box 1603, Winter Park	MI7-7437
Ga	James Millar Associates	1036 Peachtree St, N.E., Atlanta 9, Ga	TR6-0919
Hawaii	Bill Kalans & Co	219 California Dr, Burlingame, Cal	DI4-7111
Idaho	Connors Inc	5403 E Evans, Denver, Colo	SK6-9417
Ill	Bruce Cumming & Associates Inc	6029 W. Belmont Ave, Chicago 34, Ill	ME7-3770
Ill	Henry D Sarlus	5604 N. Western Ave, Chicago 45, Ill	AR1-3774
Ind	Victor Mueller	608 W. Second St, Marion, Ind	NO2-7874
Ind	Koehler Sales Co	Sta C, Box 2407, Fort Wayne, Ind	HA4-7[illegible]
Iowa	Maury Bettis Co	406 W. 34 St, Kansas City, Mo	LO1-0772
Kan	Maury Bettis Co	433 N Fountain, Wichita	MU6-7441
Ky	Victor Mueller	608 W. Second St, Marion, Ind	NO2-7874
La	J Y Schoonmaker Co	5328 Redfield, Dallas 35, Tex	LA6-7238
Me	Henry P Segel Co., Inc	386 Washington St, Brookline 46, Mass	BE2-7525
Md	Charles W Lomax & Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
Mass	Henry P Segel Co., Inc	386 Washington St, Brookline 46, Mass	BE2-7525
Mich	Hanschen Jensen & Co	2842 W. Grand Blvd, Detroit 2, Mich	TR1-0308-9
Mich	Robt Milik Co	19771 James Couzens Hwy, Detroit	BR3-3052
Minn	A J Warner Co	5022-29th Ave, S., Minneapolis 17, Minn	PA9-7371
Minn	Northern States Sales Co	1400 Parke Ave. Minneapolis	FE3-2571
Miss	James Millar Associates	1036 Peachtree St, N.E., Atlanta 9, Ga	TR6-0919
Mo	Maury Bettis Co	3705 Broadway, Kansas City 11	LO1-0772
Neb	Maury Bettis Co	406 W. 34 St, Kansas City, Mo	LO1-0772
Nev	Bill Kalans & Co	219 California Dr, Burlingame, Cal	DI4-7111
NH	Henry P Segel Co., Inc	386 Washington St, Brookline 46, Mass	BE2-7525
NJ	George T Higgins	141 Broadway, New York, NY	WO2-5308
NJ	A D Lesan Assoc	218 Lloyd Ln. Philadelphia, Pa	MI2-9047
NM	Connors Inc	1501 Martin NE, Albuquerque	268-0236
NY	Leonard D Allen Inc	115-117 Luther Ave, Syracuse 8, NY	GI1-1108
NY	Samuel Bialek	205 E. 42nd St, New York 17, NY	MU4-1935
NY	George T Higgins	141 Broadway, New York, NY	WO2-5308
NC	James Millar Associates	1036 Peachtree St, N.E., Atlanta 9, Ga	TR6-0919
ND	A J Warner Co	5022-29th Ave, S., Minneapolis 17, Minn	PA9-7371
Ohio	John O Olsen Co	16201 Shaker Blvd. Cleveland 20	SK2-5444
Okla	J Y Schoonmaker Co	5328 Redfield, Dallas 35, Tex	LA6-7238
Ore	Samuel N Stroum Co	621 S Michigan St, Seattle, Wash	PA3-7310
Pa	Clarence W Henderson	400 Gilpin Rd, Narberth, Pa	MO4-5999
Pa	Beil & Whitaker, Inc	3620 Jacusmoroid Ave, Reading, Pa	FR5-6837
Pa	A D Lesan Assoc	218 Lloyd Ln. Philadelphia	MI2-9047
RI	Henry P Segel Co., Inc	386 Washington St, Brookline 46, Mass	BE2-7525
SC	James Millar Associates	1036 Peachtree St, N.E., Atlanta 9, Ga	TR6-0919
SD	A J Warner Co	5022-29th Ave, S., Minneapolis 17, Minn	PA9-7371
Tenn	James Millar Associates	1036 Peachtree St, N.E., Atlanta 9, Ga	TR6-0919
Tex	J Y Schoonmaker Co	5328 Redfield, Dallas 35, Tex	LA6-7238
Utah	Connors Inc	10190 Hesta Ln. Sandy	AM5-6770
Vt	Henry P Segel Co., Inc	386 Washington St, Brookline 46, Mass	BE2-7525
Va	Charles W Lomax & Co	8532 Waxford Rd. Richmond	AT2-2623
Wash	Samuel N Stroum Co	621 S Michigan St. Seattle 4	PA3-3710
W Va	John O Olsen Co	16201 Shaker Blvd. Cleveland, Ohio	SK2-5444
Wisc	Bruce Cumming & Associates Inc	6029 W. Belmont Ave, Chicago 34, Ill	ME7-3770
Wisc	Henry D Sarlus	5604 N. Western Ave, Chicago 45, Ill	AR1-3774
Wyo	Connors Inc	5403 E Evans, Denver, Colo	SK6-9417
Canada	Canadian Marconi Co	830 Bayview Ave, Toronto 17, Ontario	HU1-5221
Foreign	Simons & Son Co., Inc M The	25 Warren St, New York 7, NY	BA7-5511
	CLARY CORP	**408 Junipero St. San Gabriel, Cal**	**CU3-2724**
	W Zeeuwlein #31 *800 F 20-295-330-360-430-670-675-780-895-1165-1810-1920		
Cal	Cain & Co	1717 N Highland Ave. L A 28	HO2-6491
Cal	Cain & Co	22331 Holt Ave. Los Altos	YO8-0995
Cal	Cain & Co	1135 Garnet Ave. San Diego 9	HU8-0EE5
Cal	Clary Corp	2612 Nida, Lemon Grove	BE2-8079
DC	Clary Corp	20 & K Sts. NW, Washington	FE3-4008
Fla	Cain & Co	410 150th Ave. St Petersburg 8	WA1-0151
Fla	Clary Corp	2060 W Arcadia Dr. Hollywood	
Ill	Cain & Co	3508 Devon Ave. Chicago 45	OR6-9500
Mass	Stone Laboratories	1312 Tremont St. Boston 18	GA7-3600
NM	Cain & Co	1437 San Mateo NE, Albuquerque	26-85300
NY	Cain & Co	10 Columbus Circle, NY 19	
Ohio	Cain & Co	473 Fairfield Pike, Yellow Springs	RO7-8661
Pa	Briggs Div. Drexel Dynamics	10 Dekalb St. Norristown	BR9-0400
Tex	Cain & Co	203 Linda Ln. Irving	BL5-2050
Wash	Cain & Co	7736-33rd NE, Seattle 15	MA3-3303
	CLAUSS CUTLERY CO	**Fremont, Ohio**	**FE2-7344**
	F Colkin *200 E 1825		
Ala	C M Allen Co	2989 N Fulton Dr. NE, Atlanta 5, Ga	CE3-8043
Ariz	Dillon Stevens Co	1348 Venice Blvd. Los Angeles 6, Cal	RI7-9221
Ark	C M Allen Co	2989 N Fulton Dr. NE, Atlanta 5, Ga	CE3-8043
Cal	Dillon Stevens Co	1348 Venice Blvd. Los Angeles 6	RI7-9221
Conn	H D Q & H V Neff	RFD #2, Putnam	WA8-4249
Del	Dunn & Bryan	28 Warren St. New York 7, NY	WO4-8091
DC	Dunn & Bryan	28 Warren St. New York 7, NY	WO4-8091
Fla	C M Allen Co	2989 N Fulton Dr. NE, Atlanta 5, Ga	CE3-8043
Ga	C M Allen Co	2989 N Fulton Dr. NE, Atlanta 5	CE3-8043
Hawaii	W W Robinson Associates	1132 Austin St, Honolulu 14, Hawaii	
Idah	Samuel N Stroum Co, Inc	621 Michigan St. Seattle 8, Wash	PA3-7310
Ill	W H Paradise & Assoc	5845 W North Ave. Chicago 39	BE7-8034
Ind	W H Paradise & Assoc	5845 W North Ave. Chicago 39, Ill	BE7-8034
La	C M Allen Co	2989 N Fulton Dr. NE, Atlanta 5, Ga	CE3-8043
Me	H D Q & H V Neff	RFD #2, Putnam, Conn	WA8-4249
Md	Dunn & Bryan	28 Warren St. New York 7, NY	WO4-8091
Mass	H D Q & H V Neff	38 Pequot Rd. Wayland	EL8-2883
Mich	Marvin L Partridge	54433 W. Eight Mile Rd, Northville, Mich	FI9-2205
Minn	W H Paradise & Assoc	5845 W North Ave. Chicago 39, Ill	BE7-8034
Miss	C M Allen Co	2989 N Fulton Dr. NE, Atlanta 5, Ga	CE3-8043
Nev	Dillon Stevens Co	1348 Venice Blvd. Los Angeles 6, Cal	RI7-9221

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
NH	H D Q & H V Neff	RFD #2, Putnam, Conn	WA8-4249
NJ	Dunn & Bryan	26 Warren St. New York 7, NY	WO4-0091
NY	Dunn & Bryan	26 Warren St. New York 7	WO4-0091
NC	C M Allen Co	2989 N Fulton Dr. NE, Atlanta 5, Ga	CE3-8043
Ore	Samuel W Strouse Co	621 Michigan St. Seattle 8, Wash	PA3-7310
Pa	Dunn & Bryan	26 Warren St. New York 7, NY	WO4-0091
RI	H D Q & H V Neff	RFD #2, Putnam, Conn	WA8-4249
SC	C M Allen Co	2989 N Fulton Dr. NE, Atlanta 5, Ga	CE3-8043
Tenn	C M Allen Co	2989 N Fulton Dr. NE, Atlanta 5, Ga	CE3-8043
Vt	H D Q & H V Neff	RFD #2, Putnam, Conn	WA8-4249
Va	C M Allen Co	2989 N Fulton Dr. NE, Atlanta 5, Ga	CE3-8043
Wash	Samuel W Strouse Co	621 Michigan St. Seattle 8	PA3-7310
W Va	C M Allen Co	2989 N Fulton Dr. NE, Atlanta 5, Ga	CE3-8043
Wis	W H Paradise & Assoc	5845 W North Ave. Chicago 35, Ill	BE7-8034
	CLEAR BEAM ANTENNA CORP	**21341 Roscoe Blvd, Canoga Park, Cal**	**DI7-2255**
	D Walsh #1 *105 E 45-385-905-1170		
Cal	F W Mouldings Co	1530 E 12th St. Oakland 6	AN1-7676
Fla	R H Van Dusen	940 Lake Drive Dr. Winter Haven	CY4-2941
Fla	Ralph J Palmisano	4304 Carlos St, Tampa 9, Fla	62-4701
Hawaii	Gene Piety Factors Inc	2030 Hunnewell St, Honolulu 17, Hawaii	8-3105
Ill	William Piller & Assoc	515 Hubbard Rd, Wilmette	MA6-0333
Ill	Loren F Green & Assoc	5218 W Diversey Ave, Chicago 39	AV6-9924
Iowa	McDowell-Redlingshafer Sales	1055 37th St, Des Moines	RL5-1145
Md	Morris F Taylor & Associates	P.O. Box 111, Silver Spring, Md	JU9-4002
Mass	NEAR Inc	99 Highland Ave. Somerville	PR6-2762
Mich	Butchart & Rathsburg	8735 E Jefferson Ave, Detroit 14	VA1-6621
Minn	John E W Anderson	5231 Humboldt Ave. S. Minneapolis 19	TA3-6469
Mo	McDowell-Redlingshafer Sales	1700 E Armour, Kansas City 9	WE1-9622
Mo	McDowell-Redlingshafer Sales	9615 Olive St. St Louis 8	JE3-3077
NY	Sam R Eisenberg & Associates	215-32 Murdock Ave, Queens Village 29	HO8-9448
NC	Lee S Reed	1224 Dresden Dr, W. Charlotte 5, NC	ME7-4878
Ohio	Robert W Peters Co	350 E. 271h St, Cleveland 23, Ohio	AN1-2330
Ore	Richard Legg Co	3633 N.W. 21st Ave, Portland 9, Ore	CA3-9730
Pa	Herman Lewis Co	3633 N Ave, Philadelphia 35, Pa	LI8-8497
Tex	Antle-Smith Sales	2721 Brookfield, Dallas, Tex	FL7-7279
Wash	Blair Hirsh	1165 Sixth Ave, S. Seattle 4, Wash	MU2-7764
	CLEARPRINT PAPER CO	**1482 67th St, Emeryville, Cal**	
	900		
	CLECO AIR TOOLS		
	DIV REED ROLLER BIT CO	**Box 2541, Houston, Tex**	**OR2-1761**
	R Gillispie 1075-1825		
Ala	Cleco Air Tools	112 S 14th St. Birmingham	FA3-1802
Ariz	Cleco Air Tools	2834 Tanager Ave, Los Angeles, Cal	RA3-4787
Cal	Cleco Air Tools	2834 Tanager Ave, Los Angeles, Cal	RA3-4787
Cal	Cleco Air Tools	877 Cowan Rd, Burlingame	OX7-7220
Conn	E J Mangold	17 Holiday Hill Rd, Meriden, Conn	BE5-1833
Fla	Cleco Air Tools	1080 E. 4th St, Hialeah, Fla	MU8-4795
Ga	Cleco Air Tools	1299 Spring St. N.E., Atlanta, Ga	TR4-8725
Ill	Cleco Air Tools	5925 E. Putnam Rd, Chicago, Ill	PO7-1366
Ind	R S Wearburn	5200 Kirchevel Dr, Lawrence, Ind	LI5-1857
Kan	Cleco Air Tools	7333 Truman Rd, Kansas City 25, Mo	HU3-3700
La	Cleco Air Tools	3425 N Acadian Thruway, N Baton Rouge	EL6-2563
Md	H L Haines	Baker & Temple Rds, Kingsville, Md	LY7-5411
Mich	Cleco Air Tools	18071 Wyoming Ave, Detroit, Mich	UN1-0047
Mo	Cleco Air Tools	7333 Truman Rd, Kansas City, Mo	HU3-3700
Mo	Cleco Air Tools	6215 Natural Bridge Rd. St Louis	EV1-8552
NJ	Cleco Air Tools	71 Lock St, Newark, NJ	MA3-0602
NC	T D Wallace	4717 Wendover Ln, Charlotte 7, NC	EM6-2542
Ohio	Cleco Air Tools	1956 Lee Rd. Cleveland 18	YE2-6516
Okla	R H Culbert	3359 N. Lansing Pl, Tulsa, Okla	FI5-6371
Okla	Cleco Air Tools	2414 W Lewis Ave. Tulsa 9	LU5-9774
Pa	Cleco Air Tools	5220 N. 5th St. Philadelphia, Pa	DA4-5500
Pa	Cleco Air Tools	423 McNeilly Rd, Pittsburgh 26, Pa	LO3-2100
Tex	Cleco Air Tools	2526 W. Mockingbird Ln, Dallas 35, Tex	FL2-8545
Tex	Cleco Air Tools	5125 Clinton Dr. Houston 1	OR2-1761
Can	Cleco Pneu Tool Co. Canada, Ltd	927 Millwood Rd, Leaside, Ont	HU8-7518
Canada	Cleco Pneu Tool Co Can Ltd	927 Millwood Rd, Toronto, Ont, Canada	PO7-1166
	CLEGG LABS	**Rt. 53, Mt. Tabor, NJ**	**OA7-6800**
	E Clegg 325-895-1135-1340-1425-1845-1870		
	CLEVELAND CONTAINER CO., THE	**6201 Barberton Ave, Cleveland 2, Ohio**	**OL1-4500**
	J Sebesky #2 *150 B 715-1290-1890		
	CLEVELAND ELECTRONICS INC (CLETRON)	**1974 E. 61 St, Cleveland 3, Ohio**	**EX1-3834**
	D Martin #9 *250 E 320-1675-1995		
Ala	V Avis McCorvey	2469 N Decatur Rd. Decatur	636-2502
Ariz	Bassett & Moore	12945 Magnolia Blvd, N. Hollywood, Cal	TR7-7129
Ark	J Earl Smith	P.O. Box 35331, Airlawn Sta, Dallas, Tex	FL7-1727
Cal	Bassett & Moore	12945 Magnolia Blvd, N. Hollywood, Cal	TR7-7129
Cal	Logan Sales Co	150 Eight St. San Francisco	HE1-0692
Cal	Lloyd E West Co	262 S Los Robles Ave. Pasadena	MU1-5281
Colo	Connors, Inc.	5403 E Evans Ave. Denver 22	SK6-9417
Conn	Near Inc	99 Highland Ave, Somerville, Mass	UN4-3696
Del	David G Linz Co	238 Shelmire, Phila, Pa	ES9-0734
DC	Massey Assoc	6607 Riverdale Rd, Riverdale, Md	AP7-1023
Fla	V Avis McCorvey	2469 N Decatur Rd. Decatur, Ga	636-2502
Ga	V Avis McCorvey	2469 N Decatur Rd. Decatur	636-2502
Idaho	Connors, Inc.	5403 E Evans Ave. Denver 22, Colo	SK6-9417
Ill	KaDell Sales Assoc, Inc	6140 N Lincoln Ave. Chicago 45	IR8-7920
Ill	Wm Linz Co	6822 N Cicero, Chicago 30	MU5-2022
Ind	Robert O Whitesell & Associates	6620 E. Washington St, Indianapolis, Ind	FL9-5374
Ind	Central Electronics & Sales Co	19313 Fairport, Detroit 5, Mich	TU2-6666
Iowa	Kay Sales Co	2600 Grand Ave, Kansas City, Mo	BA1-3800
Kan	Kay Sales Co	2600 Grand Ave, Kansas City, Mo	BA1-3800
Ky	Central Electronics & Sales Co	19313 Fairport, Detroit 5, Mich	TU2-6666
Ky	Robert O Whitesell & Associates	6620 E. Washington St, Indianapolis, Ind	FL9-5374
La	J Earl Smith	P.O. Box 35331, Airlawn Sta, Dallas, Tex	FI7-1727
Me	Near Inc	99 Highland Ave, Somerville, Mass	UN4-3696
Md	Massey Assoc	6607 Riverdale Rd. Riverdale	AP7-1023
Mass	Near Inc	99 Highland Ave, Somerville, Mass	UN4-3696
Mich	Butchart & Rathsburg Assoc, Inc	8735 E Jefferson Ave. Detroit 14	TU2-6666
Miss	V Avis McCorvey	2469 N Decatur Rd. Decatur, Ga	636-2502
Mo	Kay Sales Co	2600 Grand Ave, Kansas City, Mo	BA1-3800
Mont	Connors, Inc.	5403 E Evans Ave. Denver 22, Colo	SK6-9417
Neb	Kay Sales Co	2600 Grand Ave. Kansas City, Mo	BA1-3800
NH	Near Inc	99 Highland Ave, Somerville, Mass	UN4-3696
NM	Connors, Inc.	5403 E Evans Ave. Denver 22, Colo	SK6-9417
NY	Irv Brown Co	1530 Carroll St. Brooklyn	HY3-1379
NY	Jack Brown Assoc	207 Rosedale Rd. Yonkers	SP9-7330
NC	V Avis McCorvey	2469 N Decatur Rd. Decatur, Ga	636-2502
Ohio	H H Seay Co	3850 Farrington Dr, Columbus 21, Ohio	HU8-8994
Okla	J Earl Smith	P.O. Box 35331, Airlawn Sta, Dallas, Tex	FI7-1727
Pa	Dave Linz Co	238 Shelmire, Philadelphia, Pa	ES9-0734
Pa	Donald S Hewmer	1529 Spring Mill Rd. Gladwyne	LA5-9727
RI	Near Inc	99 Highland Ave, Somerville, Mass	UN4-3696
SC	V Avis McCorvey	2469 N Decatur Rd. Decatur, Ga	636-2502
Tenn	V Avis McCorvey	2469 N Decatur Rd. Decatur, Ga	636-2502
Tex	J Earl Smith	P.O. Box 35331, Airlawn Sta, Dallas, Tex	FI7-1727
Utah	Connors, Inc.	5403 E Evans Ave. Denver 22, Colo	SK6-9417
Vt	Near Inc	99 Highland Ave, Somerville, Mass	UN4-3696
Va	Massey Assoc	6607 Riverdale Rd. Riverdale, Md	AP7-1023
Va	Mesory & Associates	111 Centerway, Greenbelt, Md	GR4-2071
W. Va	H H Seay Co	3850 Farrington Dr, Columbus 21, Ohio	HU8-8994
Wyo	Connors, Inc.	5403 E Evans Ave. Denver 22, Colo	SK6-9417
Canada	Norris Burgess	417 Mt. Pleasant Rd, Toronto 7, Ont, Can	HU9-1854
Foreign	Morhan Exporting Corp	458 Broadway, New York 13, NY	WA5-1257
	CLEVELAND GRAPHITE BRONZE DIV CLEVITE	**17000 St. Clair Ave, Cleveland 10, Ohio**	**IV1-7221**
	R Webster *3073 G 175-1125-1545		
Cal	Joseph Palsulich	4529 Van Nuys Blvd, Van Nuys, Cal	ST8-3410
Ill	A E Gibbs	332 S. Michigan Ave, Chicago 7, Ill	WA2-6230
Mich	J J McKinnie	6-250 General Motors Bldg, Detroit 2, Mich	TR2-3453
NY	L A Douglass	222 Mamaroneck Ave, White Plains, NY	RO1-4000
	CLEVELAND INSTRUMENT CO	**6220 E. Schaaf Rd, Cleveland, Ohio**	**LA4-4821**
	F Witzke #5 *50 E 895		
Ala	J R Carlson Machinery Co	3198 Maple Dr, N.E., Atlanta 5, Ga	CE7-3276
Ariz	Specifax Co	555 E. Walnut St, Pasadena, Cal	RY1-6830
Cal	Harry W Smith & Associates	1341 Old County Rd, Belmont, Cal	LY3-7569
Cal	Specifax Co	555 E. Walnut St, Pasadena, Cal	RY1-6830
Colo	Clint Helton & Co	142 Broadway, Denver, Colo	RA2-5752
Conn	T McMurtrie Co	28 Main St, Woonsocket, RI	PO9-7701
Del	George S Maier Co	40 Wyncroft Dr, Media, Pa	LO6-5960
Ga	J R Carlson Machinery Co	3198 Maple Dr, N.E., Atlanta 5, Ga	CE7-3276
Ill	Louis A Bergstrom	714 Holly Ct, Mt. Prospect, Ill	CL9-2072
DC	George S Maier Co	40 Wyncroft Dr, Media, Pa	LO6-5960
Ill	Ted Froeberg	364 Park Terr, S.E., Cedar Rapids, Iowa	EM2-6547
Ill	Michael J Delany Co	7603 Forsyth Blvd, St. Louis 5, Mo	PA5-3575
Ind	A C Miller	Wysor Block, Muncie, Ind	AT4-1361
Iowa	Ted Froeberg	364 Park Terr, S.E., Cedar Rapids, Iowa	EM2-6547
Kan	Michael J Delany Co	7603 Forsyth Blvd, St. Louis 5, Mo	PA5-3575
Me	T McMurtrie Co	28 Main St, Woonsocket, RI	PO9-7701
Md	George S Maier Co	40 Wyncroft Dr, Media, Pa	LO6-5960
Mass	T McMurtrie Co	28 Main St, Woonsocket, RI	PO9-7701
Mich	Wagner & Madison	18450 Livernois, Detroit 21, Mich	UN2-0825
Minn	Wm K Nelson Co	607 13 Ave, S., Minneapolis, Minn	FE3-1215
Mo	Michael J Delany Co	7603 Forsyth Blvd, St. Louis 5, Mo	PA5-3575
Neb	Ted Froeberg	364 Park Terr, S.E., Cedar Rapids, Iowa	EM2-6547
NH	T McMurtrie Co	28 Main St, Woonsocket, RI	PO9-7701
NJ	Clarkson & Foreman Inc	50 Church St, New York 17, NY	WO2-2140
NM	Clint Helton & Co	142 Broadway, Denver 3, Colo	RA2-5752
NY	Clarkson & Foreman Inc	50 Church St, New York 17, NY	WO2-2140
NY	R & S Tool & Gage Co	106 Wilmore Pl, Syracuse 8	GR1-2577
NC	Apex Machine Tool Supply Inc	P.O. Box 8005, Charlotte, NC	EX9-0454
Ohio	Sam Sherry	6014 Westminster, Parma 29, Ohio	TU4-7539
Ohio	Wagner & Madison	18450 Livernois, Detroit 21, Mich	UN2-0825
Ohio	H E Hoffenbarth Machinery Co	1111 Ashland Ave, Dayton 20, Ohio	CL3-7287
Pa	George S Maier Co	40 Wyncroft Dr, Media, Pa	LO6-5960
RI	T McMurtrie Co	28 Main St, Woonsocket, RI	PO9-7701
SC	Apex Machine Tool Supply Inc	P.O. Box 8005, Charlotte, NC	EX9-0454
Tex	James A Dorschroder	P.O. Box 1091, Garland, Tex	BR1-5225
Utah	Clint Helton & Co	142 Broadway, Denver 3, Colo	RA2-5752
Vt	T McMurtrie Co	28 Main St, Woonsocket, RI	PO9-7701
Va	Apex Machine Tool Supply Inc	P.O. Box 8005, Charlotte, NC	EX9-0454
Wisc	Larry Hammond Co	1551 N. 35th St, Milwaukee 8, Wisc	DI2-6822
Wyo	Clint Helton & Co	142 Broadway, Denver 3, Colo	RA2-5752
Canada	Alexander & Orlick Ltd	211 Greenwich St, Brantford, Ontario, Can	PL3-3181
Canada	Alexander & Orlick Ltd	5 Hartley Ave, Toronto, Ontario, Canada	RU7-3490
Canada	Alexander & Orlick Ltd	5416 Park Ave, Montreal, Quebec, Canada	CR1-5845
Fla	J R Carlson Machinery Co	711 Magnolia Ave, Orlando, Fla	CH1-3041
	CLEVELAND METAL SPECIALTIES CO	**1783 E. 21st St, Cleveland 14, Ohio**	**PR1-4186**
	R Middlekauff #4 *30 C 280-335-895-1150-1190-1135-1780-1810		
Ohio	Thomas G DeMoney	P.O. Box 7, Centerville, Ohio	TU5-2935
	CLEVELAND MICA CO	**1360 Hird Ave, Lakewood, Ohio**	**AC6-1360**
	W Burton #3 *50 C 175-900-1940		
Ill	Special Electric Co. Inc	1440 N Halsted St. Chicago 22	
Mo	Meiners Sales Co Inc	7500 Natural Bridge Ave. St Louis 21	EV3-4833
NY	A W Schmitz Co	82 St Paul St. Rochester 4	HA6-3090
Ohio	C J Voneman Co	14714 Detroit Ave. Cleveland 7	AC1-2800
Wis	Special Electric Co. Inc	3116 W Cherry St. Milwaukee 8	DI2-6960
•	**CLEVITE ELECTRONIC COMPONENTS DIV OF CLEVITE CORP.**	**3405 Perkins Ave. Cleveland 14, Ohio**	**BE2-8600**
	G Eubanks #25 *400 15-410-805-1915		
Cal	Clevite Electronic Components	3402 W Century Blvd. Inglewood	OR1-6857
Colo	Brooks-Feeger & Assoc	3041 S Broadway, Englewood	SU1-7375
Fla	George F Bowman	1239 Newcastle Dr. Orlando	GA4-2076
Ill	Clevite Electronic Components	1915 N Harlem Ave. Chicago 35	TU9-1744
NJ	Clevite Electronic Components	2130 Millburn Ave. Maplewood	SO3-4145
NM	Brooks-Feeger & Assoc	5510 Domingo Rd. NE, Albuquerque	AM8-1724
Utah	Brooks-Feeger & Assoc	253 Rio Grande, Salt Lake City	EL9-2427
Wash	Ray Johnston Co	1011 E 69th St. Seattle 15	LA4-5170
•	**CLEVITE TRANSISTOR**	**200 Smith St. Waltham 54, Mass**	**TW4-7700**
	L Huff *700 G 500-1445-1860		
Ala	John F Wattles	7210 Red Rd. Miami 43, Fla	MO5-3574
Ariz	Fryco	355 N Scottsdale Rd. Scottsdale, Ariz	WH5-8071
Ark	M F Klicpera Co	P O Box 3113, Houston 1, Tex	JA2-8499
Cal	Clevite Transistor	61 Renato Court, Redwood City	EM9-5581
Cal	Clevite Transistor	3402 W. Century Blvd, Inglewood, Cal	OR8-4137
Colo	Clevite Transistor	3402 W. Century Blvd, Inglewood, Cal	OR8-4137
Del	Clevite Transistor	105 Town Center Rd, King of Prussia, Pa	BR9-8280
DC	Jay A Mount & Co	14th & F Sts, N.W., Washington, DC	ME8-2702
Fla	John F Wattles	7210 Red Rd, Miami 43	MO5-3574
Ga	James L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
Ill	Clevite Transistor	1915 N. Harlem Ave, Chicago, Ill	TU9-7070
Ind	Clevite Transistor	1915 N. Harlem Ave, Chicago, Ill	TU9-7070
Iowa	W E Fry Co	406 W. 34th St, Kansas City 11, Mo	JE1-6326
Iowa	R G Ragon Inc	1406 W. Idaho Ave, St. Paul 13, Minn	MI6-6037
Kan	W E Fry Co	406 W. 34th St, Kansas City, Mo	JE1-6326
Ky	Clevite Transistor	1915 N Harlem Ave, Chicago 35, Ill	TU9-7070
La	M F Klicpera Co	P O Box 3113, Houston 1, Tex	JA2-8499
Md	Clevite Transistor	105 Town Center Rd, King of Prussia, Pa	BR9-8280
Mich	Clevite Transistor	1915 N. Harlem Ave, Chicago, Ill	TU9-7070
Minn	R G Ragon Inc	1406 W. Idaho Ave, St. Paul 13, Minn	MI6-6037
Miss	M F Klicpera Co	P O Box 3113, Houston 1, Tex	JA2-8499
Mo	W E Fry Co	406 W. 34th St, Kansas City 11, Mo	JE1-6326
Neb	W E Fry Co	406 W. 34th St, Kansas City 11, Mo	JE1-6326
Nev	Clevite Transistor	61 Renato Court, Redwood City, Cal	EM9-5581
NJ	Clevite Transistor	338 Northern Blvd, Great Neck, NY	HU7-9414
NM	Fryco	355 N. Scottsdale Rd, Scottsdale, Ariz	WH5-8071
NY	Clevite Transistor	338 Northern Blvd, Great Neck, NY	HU7-9414
NY	Fowler Beach Corp	3700 East Ave, Rochester 18, NY	LU6-0468
NC	James L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
ND	R G Ragon Inc	1406 W. Idaho Ave, St. Paul 13, Minn	MI6-6037
Ohio	Clevite Transistor	1915 N Harlem Ave, Chicago 35, Ill	TU9-7070
Okla	M F Klicpera Co	P O Box 3113, Houston 1, Tex	JA2-8499
Pa	Clevite Transistor	105 Town Center Rd, King of Prussia	BR9-8280
SC	James L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
SD	R G Ragon Inc	1406 W. Idaho Ave, St. Paul 13, Minn	MI6-6037
Tenn	James L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
Tex	M F Klicpera Co	P O Box 3113, Houston 1	JA2-8499
Utah	Clevite Transistor	3402 W. Century Blvd, Inglewood, Cal	OR8-4137
Va	J A Mount & Co	14th & F Sts, N.W. Washington, DC	ME8-2702
Wisc	R G Ragon Inc	1406 W. Idaho Ave, St. Paul 13, Minn	MI6-6037
Wyo	Clevite Transistor	3402 W Century Blvd, Inglewood, Cal	OR8-4137
Wyo	Clevite Transistor	3402 W. Century Blvd, Inglewood, Cal	OR8-4137
	CLEVITE-WALCO	**60 Franklin St, East Orange, NJ**	**OR4-1060**
	75-805-810-1195		
	CLIFTON CONDUIT CORP	**3300 Eastbourne Ave, Baltimore, Md**	**DI2-8490**
	1885		
	CLIFTON MFG CO. INC	**20 N Springfield Rd. Clifton Heights, Pa**	**MA3-6622**
	A Liberi #2 *50 C 895-1855		
•	**CLIFTON PRECISION PRODUCTS CO., INC**	**Marple at Broadway, Clifton Hgts, Pa**	**MA2-1000**
	W Tucker *1100 G 338-895-1165-1550-1555-1745		
Cal	Enright Engineering Co	302 W. Arbor Vitae St, Inglewood, Cal	OR3-0206
Colo	Clifton Precision Products Co., Inc	401 E. Fillmore, Colorado Springs, Colo	ME2-2691
Mass	The Carbury Corp	437 Cherry St, W. Newton 65, Mass	BI4-2053
Mo	Clifton Precision Products Co., Inc	200 S. Bemiston, Clayton 5, Mo	PA6-5300
NY	H W Brede Co	999 Glen Cove Rd, Glen Head, NY	OR6-4900
NY	H W Brede Co	712 State Tower Bldg, Syracuse 2, NY	GR1-3441
Pa	Clifton Precision Prods Co, Inc	5050 State Rd, Drexel Hill	MA2-1000
Tex	Ammon & Woods Associates	5402 E. Mockingbird Ln, Dallas 6, Tex	TA6-4171
Foreign	Andrew S Souza	50 Broad St, New York 4, NY	WH4-7888
	CLIPPARD INSTRUMENT LAB INC	**Box 68 Cincinnati 39, Ohio**	**JA1-4261**
	325-880-895		
•	**CLOSE ASSOCIATES INC**	**233 Broadway, New York 7, NY**	**WO4-5144**
	G Strickland 410		
	CLOUGH BRENGLE CO., THE	**6014 Broadway, Chicago, Ill**	**AM2-2200**
	G Foote #3 *20 A 895		
Cal	W K Geist Co	3177 Glendale Blvd, Los Angeles 39, Cal	NO5-5219
DC	Houser Associates	734 15th St, N.W., Washington, DC	ME8-3384
NJ	Houser Associates	196 Water St, Perth Amboy, NJ	HI2-3158
Canada	Hackbusch Electronics Ltd	23 Primrose Ave, Canada, Toronto, Ontario	
	CLOVER INDUSTRIES INC	**584 Young St. Tonawanda, N Y**	**NX3-1331**
	L Friel #2 *500 135		
•	**CLY-DEL MFG CO**	**42 Sharon Rd, Waterbury, Conn**	**PL6-7264**
	W Moore #2 *100 E 210-240-615-770-790-1120-1125		
Mo	A O Roemer & Sons	4030 Chouteau Ave, St. Louis, Mo	
Ohio	Mossmore-Davis Co	20950 Center Ridge Rd, Cleveland, Ohio	ED1-0877
Ohio	J D Rehfis	5044 Chantilly Dr, Cincinnati, Ohio	ME1-0896
	COAST COIL CO	**5333 W. Washington Blvd, L A 16, Cal**	**WE6-6188**
	320-1855		
	COAST PRO-SEAL & MFG CO	**2235 Beverly Blvd, Los Angeles 57, Cal**	**DU7-5141**
	D Withrow *100 E 30-265-315-900		
Ala	R E McConnell	3230 Peachtree Rd, N.E. Atlanta, Ga	CE7-1975
Alas	D R Edwards	Boeing Field, Seattle 8, Wash	PA2-0640
Ariz	Glen Lindstrom	221 E Camelback Rd, Phoenix	
Colo	Paul H Minter	307 1/2 Laura, Wichita, Kan	AM7-7901
Conn	A B Marsh	P.O. Box 405, Millington, NJ	MI7-1790
Del	A B Marsh	P.O. Box 405, Millington, NJ	MI7-1790
DC	Jack Barbee	1035 Investment Bldg, Washington, DC	EX3-1457
Fla	R E McConnell	3230 Peachtree Rd, N.E. Atlanta, Ga	CE7-1975
Ga	R E McConnell	3230 Peachtree Rd, N.E. Atlanta, Ga	CE7-1975
Idaho	D R Edwards	Boeing Field, Seattle 8, Wash	PA2-0640
Ill	Matt Sitter	1444 Prairie Ave. Des Plaines	VA7-5266
Kan	Paul H Minter	307 1/2 Laura, Wichita	AM7-7901
Ky	J Irwin	200 Bethany Dr. Middletown, Ohio	GA2-9342
Me	A B Marsh	P.O. Box 405, Millington, NJ	MI7-1790
Md	A B Marsh	P.O. Box 405, Millington, NJ	MI7-1790
Mass	A B Marsh	P.O. Box 405, Millington, NJ	MI7-1790
Mich	Matt Sitter	1444 Prairie Ave. Des Plaines, Ill	VA7-5266
Minn	Matt Sitter	1444 Prairie Ave. Des Plaines, Ill	VA7-5266
Miss	R E McConnell	3230 Peachtree Rd, N.E. Atlanta, Ga	CE7-1975
Mo	Paul H Minter	307 1/2 Laura, Wichita, Kan	AM7-7901
Mont	D R Edwards	Boeing Field, Seattle 8, Wash	PA2-0640

• INDICATES ADVERTISERS IN THIS ISSUE

FOR EXPLANATION OF SYMBOLS # * A 1S SEE PG. M

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Neb	Paul H Winter	3074 Laura, Wichita, Kan	AM7-7861
NH	A B March	P.O. Box 405, Millington, NJ	MI7-1790
NJ	A B March	P.O. Box 405, Millington, NJ	MI7-1790
NM	Glen Lindstrom	771 E Camelback Rd, Phoenix, Ariz	
NY	L K Detwiler	443 Broad St, Newark 2, NJ	HU6-[illegible]
NY	A B March	P.O. Box 405, Millington, NJ	MI7-1790
NC	R E McConnell	3030 Peachtree Rd, N.E. Atlanta, Ga	CE7-1975
ND	Matt Sitter	1444 Prairie Ave, Des Plaines, Ill	VA7-5142
Ohio	Jim Betz	700 Bailey Dr, Middletown	GA2-5342
Okla	Paul H Winter	307 1/2 Laura, Wichita, Kan	AM7-7861
Ore	D R Edwards	Boeing Field, Seattle 8, Wash	PA2-0640
Pa	A B March	P.O. Box 405, Millington, NJ	MI7-1790
RI	A B March	P.O. Box 405, Millington, NJ	MI7-1790
SC	R E McConnell	3030 Peachtree Rd, N.E. Atlanta, Ga	CE7-1975
SD	Matt Sitter	1444 Prairie Ave, Des Plaines, Ill	VA7-5142
Tenn	R E McConnell	3030 Peachtree Rd, N.E. Atlanta, Ga	CE7-1975
Vt	A B March	P.O. Box 405, Millington, NJ	MI7-1790
Va	Jack Barbee	1335 Investment Bldg, Washington, DC	EX3-1457
Wash	D R Edwards	Boeing Field, Seattle 8	PA2-0640
W. Va	Jack Barbee	1335 Investment Bldg, Washington, DC	EX3-1457
Wis	Matt Sitter	1444 Prairie Ave, Des Plaines, Ill	VA7-5142
Wyo	Paul H Winter	307 1/2 Laura, Wichita, Kan	AM7-7861
Can	Avequipo, Inc	1940 Sherbrooke St, W, Montreal	WE7-9531
	COAX DEVICES S Rosen #2 *4 A 25-1045-1135	**Box V, Chelsea, Mass**	
Cal	Martin & Ozier	713 S Hawthorne Blvd, Hawthorne	OR8-6106
NJ	Peterson & Rudnick Associates	494 Clifton Ave, Newark	HU5-8936
NY	Peterson & Rudnick Associates	494 Clifton Ave, Newark 4, N. J.	HU5-8936
NY	Coax Devices	121 E 18th St. NYC 3	GR7-3626
	CO-AX INC 190-345	**Box 247 Roslyn, NY**	**HT4-8454**
For	Transradio Ltd	138a Cromwell Rd. London SW 7 Eng	FR4421
	COAXIAL COMPONENTS INC M Brady *40 B 1120	**391 Ludlow St. Stamford, Conn**	**DA4-7538**
	COBEHN INC. D Cook #10 *500 C 265-290-1075	**226 Passaic Ave, Caldwell, NJ**	**CA6-6675**
Ariz	John C Herberger Co	4414 Ingraham St, San Diego, Cal	HU8-2143
Cal	Griff R Jones	718 E. 60th St, Los Angeles, Cal	AD1-0029
Colo	Rowley & Bowetts	1370 S. Eaton Ct. Denver, Colo	WA2-2624
Ill	Hugh Marsland & Co	6699 Lincoln Ave, Chicago, Ill	OR6-1100
Ind	Hugh Marsland & Co	6730 E. 18th St, Indianapolis, Ind	FL6-4249
Iowa	Hugh Marsland & Co	6699 Lincoln Ave, Chicago, Ill	OR6-1100
Me	Fred Whiteside Corp	10 High St, Boston, Mass	HA6-0846
Mass	Fred Whiteside Corp	10 High St, Boston, Mass	HA6-0846
Mich	Hugh Marsland & Co	6699 Lincoln Ave, Chicago, Ill	OR6-1100
Minn	Hugh Marsland & Co	771 N. Edgewood, Minneapolis, Minn	LI5-4481
Mo	Hugh Marsland & Co	6699 Lincoln Ave, Chicago, Ill	OR6-1100
NH	Fred Whiteside Corp	10 High St, Boston, Mass	HA6-0846
Ohio	Kenneth S Abbott	375 N Main St, Marion	DU2-5252
Ore	Intl Electronic Sales	6021 Arpt Way, Seattle, Wash	PA3-3161
Pa	Chem-Tronics Inc	R F D 3, Reading, Pa	FR3-6837
RI	Fred Whiteside Corp	10 High St, Boston, Mass	HA6-0846
Utah	Rowley & Bowetts	165 Folsom Ave, Salt Lake City, Utah	DA2-2041
Vt	Fred Whiteside Corp	10 High St, Boston, Mass	HA6-0846
Wash	Intl Electronic Sales Co	6021 Arpt Way, Seattle	PA3-3161
Wisc	Hugh Marsland & Co	6699 Lincoln Ave, Chicago, Ill	OR6-1100
For	Ametesco, Inc	33 Hatchung Plaza, Montclair, NJ	PI6-5300
•	**COHAN-EPNER CO., INC** D Epner *85 B 315-1305	**142 W. 14th St, New York 11, NY**	**CH3-3411**
•	**COHN CORP., SIGMUND** R Cohn *150 1125-1250-1635-1960	**121 S. Columbus Ave, Mt. Vernon, NY**	**MT4-5300**
	COIL CO OF AMERICA INC B Gottlieb #1 *30 C 320-895-1330-1340-1420-1645-1855	**220 Washington St, Northvale, NJ**	**CL5-3434**
•	**COIL WINDING EQUIPMENT CO** J George #3 *30 B 1075	**Railroad Plaza, Oyster Bay, NY**	**WA2-5660**
Ariz	Tri-State Supply Corp	544 S. San Pedro St, Los Angeles 13, Cal	MA8-2354
Cal	Tri-State Supply Corp	544 S. San Pedro St, Los Angeles 13, Cal	MA8-2354
Cal	Tri-State Supply Corp	554 Bryant St, San Francisco 7, Cal	ER2-8890
DC	Mel E Summerhill	Dupont Circle Bldg, Washington 6, DC	HU3-3354
Idaho	Tri-State Supply Corp	544 S. San Pedro St, Los Angeles 13, Cal	MA8-2354
Ill	J J Glenn & Co	605 W. Washington Blvd, Chicago 6, Ill	ST2-9667
Ind	Andrew Sallade	3593 River Rd, Toledo 14, Ohio	CH1-1141
Mich	Andrew Sallade	3593 River Rd, Toledo 14, Ohio	CH1-1141
Ohio	Andrew Sallade	3593 River Rd, Toledo 14, Ohio	CH1-1141
Ore	Tri-State Supply Corp	322 Occidental Ave, Seattle 4, Wash	MA2-4161
Pa	P W Powell Co	611 Penn Ave, Pittsburgh 6, Pa	MO1-6766
Wash	Tri State Supply Corp	325 Westlake Ave. N Seattle 9	MA2-4161
Wisc	J J Glenn & Co	7915 N. Boyd Way, Milwaukee 17, Wisc	FL2-7262
	COILCRAFT INC R Adams #12 *200 E 320-1855	**Cary, Ill**	**ME9-2361**
Cal	Worthco Corp	430 N. Camden Dr, Beverly Hills, Cal	CR5-0108
Ind	Raymond W Stoltenberg	2515 Marcy Ln, Ft. Wayne, Ind	KE4453
Md	Robert Hildenbrand	Fairview Village, Pa	CA7-6225
Mich	Raymond W Stoltenberg	2515 Marcy Ln, Ft. Wayne, Ind	KE4453
NY	Paul D Aaron	Professional Bldg, Port Washington	PO7-8490
Ohio	Raymond W Stoltenberg	2515 Marcy Ln, Ft. Wayne, Ind	KE4453
Pa	Robert Hildenbrand	Fairview Village, Pa	CA7-6225
	COILS-ELECTRONICS CO 45-110-320-360-895	**2939-49 N. 2nd St, Philadelphia 33, Pa**	
	COLBER CORP., THE 380-715-1475	**26 Buffington St, Irvington, NJ**	**ES5-3004**
Mich	Ed W Walter	3049 E. Grand Blvd, Detroit, Mich	
	COLDSTREAM ENGINEERING CO W Ricketts #1 *2 A 895	**Box 9099, Riverside, KC 50, Mo**	**JA3-6778**
•	**COLE ELECTRIC CO** #12 *120 E 338-345-1630-1735	**8439 Steller Dr, Culver City, Cal**	**UP0-4700**
Ala	J N Spotter Jr-Gearhart Co	512 N. 18th St, Birmingham 5, Ala	AL2-7419

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	M B Gilbert Co	7403 Emerson Ave, Los Angeles 45	UP6-3371
Cal	K H Pyatt Co	141 King St, San Francisco 7	YU6-1525
Cal	Carlin & Tipton Co	3270 Rosecrans St, San Diego, Cal	AC2-1400
Colo	W E Edelman	317 Quentin St, Aurora 8, Colo	EM6-7551
Fla	Gearhart Co	2513 Catalina Dr, Orlando	GA2-4094
Ga	Walter V Gearhart Co	Gearhart Bldg, Atlanta 16, Ga	CE3-4431
Ind	Wright Eng Co	4242 Melbourne St, Indpls	WA3-8886
Kan	Aviation Prods	1631 E Kellogg, Wichita	MU4-3214
Kan	Lawrence J Miller	1631 E. Kellogg, Wichita, Kan	MU4-3214
La	Duke-Pinkert & Co	10004 Julia St, New Orleans 25	KE4-5218
Mo	L G Wennerqutz Co	4610 Troost Ave, Kansas City, Mo	WE1-1355
NM	Electric Locator & Sales Co	3921 Delamar NE, Albuquerque	DI4-7129
NY	B Berman & Son Sales Co., Inc	524 E. 28th St, Brooklyn 10, NY	UL9-1100
Tex	Elgin B Robertson Inc	1309 Plowman Ave, Dallas 4, Tex	WH2-3167
Tex	Elgin B Robertson, Inc	4101 San Jacinto St. Houston	JA9-3797
	COLE-HERSEE CO R Meyer 1735	**20 Old Colony Ave, Boston, Mass**	**AN8-2190**
Cal	R C Schayer	2436 S. Grand Ave. LA 15	RI9-7205
Cal	Willis Spitzer	416 Calle De La Mesa, Novato	
Del	W S Kneavel & Assoc	1209 E. 25th St. Baltimore 18, Md	HO7-8530
Ill	W F E Bohtka Sales Co	6966 W. N. Ave. Chicago	ME7-8433
Mich	L C Wyman Co	17136 E. Warren Ave. Detroit	TU1-7850
Ohio	Hiltebrant-Greenleaf Co	4905 Lake Ave. Cleve 2	OL1-5910
Ohio	A D Moore Co	420 Chamber of Com. Bldg. Indpls. Ind	ME4-6331
For	Cornelissen & Steegold Inc	900 S. Oyster Bay, Hicksville, NY.	
For	Dodge & Seymour Ltd	53 Park Pl. NY 7, NY	DI9-4500
	COLE RADIO WORKS A Cole #1 A 1075-1825	**86 Westville Ave, Caldwell, NJ**	**CA6-1419**
	COLEMAN ELECTRONICS INC R Winkler #3 *20 D 338-810-895-1760	**133 E. 162nd St, Gardena, Cal**	**FA1-4775**
Ala	Col-Ins Co., Inc	15-16 Hutchens Bldg. Huntsville, Ala	JE9-1771
Cal	Sanders & Sanders, Inc	18400 Oxnard St, Reseda, Cal	DI3-9889
Conn	Michael S Coldwell, Inc	195 W Main St. Avon	OR7-9797
Fla	Col-Ins Co., Inc	5728 Precision Dr. Orlando	CH1-1501
Ga	Col-Ins-Co., Inc	2354 Ewing Dr, Atlanta, Ga	CE7-1454
Ill	Karl A Lipporsky	4939 N. Lincoln Ave, Chicago 25, Ill	LO1-1081
Md	F R Jordan Inc	2408 Burnidge Rd, Baltimore 14, Md	NO8-1933
Md	Frank R Jordan, Inc	4922 St. Elmo Ave. Bethesda 14, Md	OL2-5110
Mass	Michael S Coldwell Inc	41 Lancaster Rd, Needham, Mass	HI4-1192
Mich	Electro-Motion Associates	4012 E. Nine Mile Rd, Warren, Mich	JE9-1420
NJ	Kenneth E Hughes Co., Inc	4608 Bergenline Ave, Union City, NJ	UN7-3024
NY	Kenneth E Hughes Co., Inc	4608 Bergenline Ave, Union City, NJ	OX5-[illegible]
NY	R P Kennedy Co., Inc	P O Box 54, Fayetteville	NE7-9531
NY	R P Kennedy Co., Inc	182 Mayflower Dr. Rochester 18	BR1-6322
Ohio	Ohio Instrument Co	7316 Winston Churchill Dr, Dayton	CH4-2744
Pa	Kenneth E Hughes Co	101 N. 33rd St, Philadelphia, Pa	EV6-3130
Tex	Harry D Edmiston	2215 N Olive, Dallas 21	RI7-8277
Can	Computing Devices of Canada, Ltd	Box 508, Ottawa 4, Ont	TA8-2711
For	Philips Elec. Ind. Pty. Ltd	69-73 Clarence St. Sydney Aust.	
For	Controls & Instr. (Overseas) Co.	15 E 40th St. New York 16, N Y	MU5-5231
For	J Osawa & Co. Ltd	5 Ginza Nishi 2, Chuo-Ku, Tokyo	
For	Osawa & Co. (USA) Inc	521 5th Ave. New York 17, NY	
	COLEMAN INSTRUMENTS INC C Rossiter #20 *140 E 895	**42 Madison St, Maywood, Ill**	**FI5-9400**
•	**COLEMAN WIRE & CABLE CO** 185-190-1960-1965	**1911 N. River Rd, River Grove, Ill**	
	COLLARO LTD (ROCKBAR) H Norman 1255	**650 Halstead Ave, Mamaroneck, NY**	**OW8-7300**
Ala	Paul Hayden Associates	P.O. Box 331, East Point, Ga	
Ariz	R Mark Markman Co	4260 Lankershim Blvd, N. Hollywood, Cal	
Ark	J Y Schoonmaker Co., Inc	5328 Redfield, Dallas, Tex	
Cal	Instrumentation Sales Inc	5002 Crenshaw Blvd. LA	
Cal	R Mark Markman Co	4260 Lankershim Blvd, N. Hollywood, Cal	
Cal	Bill Kellens & Co	219 California Dr, Burlingame, Cal	
Colo	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	
Conn	James F White & Co	100 Hillcrest Rd, Windsor, Conn	
Del	S & S Assoc. Inc	780 W. DeKalb Pike, King of Prussia, Pa	
DC	S & S Assoc. Inc	780 W. DeKalb Pike, King of Prussia, Pa	
Fla	Paul Hayden Associates	P.O. Box 331, East Point, Ga	
Ga	Paul Hayden Associates	P.O. Box 331, East Point, Ga	
Hawaii	Bill Kellens & Co	219 California Dr, Burlingame, Cal	
Idaho	Hyde Electronics Co	888 S. Lipan St, Denver, Colo	
Ill	R Edward Stemm Inc	5681 N. Lake St, Chicago 44, Ill	
Ind	Charles Schaffer Co	1133 Navajo Trail, Rural Rt 4, Indpls, Ind	
Iowa	Hyde Electronics Co	888 S. Lipan St, Denver, Colo	
Kan	Macy E Bettis Co	406 W. 34th St, Kansas City, Mo	
Kan	Macy E Bettis Co	406 W. 34th St, Kansas City, Mo	
Ky	Charles Schaffer Co	1133 Navajo Trail, Rural Rt 4, Indpls, Ind	
La	J Y Schoonmaker Co., Inc	5328 Redfield, Dallas, Tex	
Me	James F White & Co	100 Hillcrest Rd, Windsor, Conn	
Md	S & S Assoc. Inc	780 W. DeKalb Pike, King of Prussia, Pa	
Mass	James F White & Co	100 Hillcrest Rd, Windsor, Conn	
Mich	Jack Thorpe	640 Hidden Ln, Detroit 36, Mich	
Mich	S & S Assoc. Inc	780 W. DeKalb Pike, King of Prussia, Pa	
Miss	Paul Hayden Associates	P.O. Box 331, East Point, Ga	
Mo	Macy E Bettis Co	406 W. 34th St, Kansas City, Mo	
Mont	Hyde Electronics Co	888 S. Lipan St, Denver, Colo	
Neb	Macy E Bettis Co	406 W. 34th St, Kansas City, Mo	
Neb	Hyde Electronics Co	888 S. Lipan St, Denver, Colo	
Nev	Bill Kellens & Co	219 California Dr, Burlingame, Cal	
NH	James F White & Co	100 Hillcrest Rd, Windsor, Conn	
NJ	Jerry Kirshbaum Co	1533 Peninsula Blvd, Hewlett, NY	
NJ	S & S Assoc. Inc	780 W. DeKalb Pike, King of Prussia, Pa	
NM	Hyde Electronics Co	5206 Constitution Ave, N.E., Albuquerque, NM	
NY	Jerry Kirshbaum Co	1533 Peninsula Blvd. Hewlett	
NY	William Tabor	151 Fayette Blvd, Syracuse	
NC	Paul Hayden Associates	P.O. Box 331, East Point, Ga	
Ohio	F P Yarussi Co	319 S. Franklin St, New Bremen	
Ohio	S & S Assoc. Inc	780 W. DeKalb Pike, King of Prussia, Pa	
Okla	J Y Schoonmaker Co., Inc	5328 Redfield, Dallas 35, Tex	
Ore	Paramount Technical Agencies	9210 2nd St, N.W., Seattle, Wash	
Pa	F P Yarussi Co	312 Spring Valley Rd, Pittsburgh	
Pa	S & S Assoc. Inc	780 W. DeKalb Pike, King of Prussia	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
RI	James F White & Co	100 Hillcrest Rd, Windsor, Conn	
SC	Paul Hayden Associates	P.O. Box 331, East Point, Ga	
Tenn	Paul Hayden Associates	P.O. Box 331, East Point, Ga	
Tex	J Y Schoonmaker Co	5328 Redfield, Dallas 35, Tex	
Utah	Hyde Electronics Co	2303 Conner St, Salt Lake City, Utah	
Vt	James F White & Co	100 Hillcrest Rd, Windsor, Conn	
Va	S & S Assoc. Inc	780 W. DeKalb Pike, King of Prussia	
Va	Paul Hayden Associates	P.O. Box 331, East Point, Ga	
Wash	Paramount Technical Agencies	9210 2nd St, N.W., Seattle, Wash	
W Va	S & S Assoc. Inc	780 W. DeKalb Pike, King of Prussia, Pa	
W Va	F P Yarussi Co	312 Spring Valley Rd. Pittsburgh, Pa	
Wyo	Hyde Electronics Co	888 S. Lipan St, Denver, Colo	
•	**COLLECTRON CORP** R Coombs #6 *150 E 20-330-338-895-1290-1625-1810	**304 E. 45th St, New York 17, NY**	**MU9-7120**
Cal	Costello & Co	2740 S. La Cienega Blvd, Los Angeles 34	UP0-8537
NJ	Varrelman & Gorman	12 Highland Dr, Livingston, NJ	WY3-[illegible]
	COLLINS CORP G L #6 *50 D 895-1850	**2820 E. Hullett St, Long Beach, Cal**	**ME0-3121**
Cal	Toll Free Phone	San Diego, Cal	ZE2-8032
Colo	Toll Free Phone	Denver, Colo	EN6210
Ill	Toll Free Phone	Chicago, Ill	EN6210
Mich	Toll Free Phone	Detroit, Mich	EN7510
Minn	Toll Free Phone	Minneapolis, Minn	ZE6210
Minn	Toll Free Phone	St. Paul, Minn	ZE6210
NY	Toll Free Phone	New York, Nassau Co, NY	EN4851
Ohio	Toll Free Phone	Columbus, Ohio	EN6210
Tex	Toll Free Phone	Dallas, Tex	EN6210
Wash	Toll Free Phone	Seattle, Wash	ZE6210
	COLLINS ELECTRONICS INC L Collins *25 C 275-365-895-915-1935	**Stevensville, Md**	**MI3-2341**
Ala	W A Brown & Assoc Inc	3405 Lookout Dr. Huntsville	JE6-8393
Cal	Wm W Tompkins & Co	3944 El Camino Real, Palo Alto	DA6-7940
Cal	Arvin Bell Co	7012 N Figueroa St, LA 42	CL4-3301
Cal	R V Weatherford Co	6921 San Fernando Rd, Glendale 1, Cal	TH5-3551
Conn	Edcom Inc	815 Washington St, Newtonville, Mass	WO9-9710
Del	Simberkoff Sales Co	175 Oakwood Ave, Orange, NJ	OR4-4100
DC	Simberkoff Sales Co	Stevensville, Md	MI3-2341
Fla	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	AM7-0411
Ga	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	AM7-0411
Ill	Relay Sales Inc	P.O. Box 186-B, West Chicago, Ill	W. Chicago 11[illegible]
Ill	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	RO3-1570
Ind	Ellinger Sales Corp	5214 Forest Ave, Fort Wayne	TR3-4653
Iowa	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	RO3-1570
Kan	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	RO3-1570
Me	Edcom Inc	815 Washington St. Newtonville, Mass	WO9-9710
Md	Simberkoff Sales Co	Stevensville	MI3-2341
Mass	Edcom Inc	815 Washington St, Newtonville	WO9-9710
Minn	Scott Electronic Sales	5209 W 60th St, Mpls 24	WE9-2985
Miss	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	AM7-0411
Mo	Douglas R Denman	6427 Evergreen St. St Louis 34	JA4-1116
Neb	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	RO3-1570
NH	Edcom Inc	815 Washington St. Newtonville, Mass	WO9-9710
NJ	Simberkoff Sales Co	175 Oakwood Ave, Orange	OR4-4100
NY	Simberkoff Sales Co	175 Oakwood Ave, Orange, NJ	WH3-7023
NY	Simberkoff Sales Co	5 Sandhurst Dr. Scottsville	MU8-2463
NY	Terminal Radio Intl Ltd	240 W 17th St, NY 11	CH3-5200
NC	W A Brown & Assoc Inc	1707 Princeton St. SW, Winston-Salem	PA5-5284
ND	Scott Electronic Sales	5209 W 60th St, Mpls 24, Minn	WE9-2985
Okla	Allied Components Inc	2517 Converse St. Dallas, Tex	RI2-2830
Pa	Simberkoff Sales Co	1900 Solly Ave. Phila 15	PI2-5476
RI	Edcom Inc	815 Washington St. Newtonville, Mass	WO9-9710
SC	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	AM7-0411
SD	Scott Electronic Sales	5209 W 60th St, Mpls 24, Minn	WE9-2985
Tenn	W A Brown & Assoc Inc	201 Caproon Rd, Indian City River, Fla	AM7-0411
Tex	Allied Components Inc	2517 Converse St. Dallas	RI2-2830
Vt	Edcom Inc	815 Washington St. Newtonville, Mass	WO9-9710
Va	Simberkoff Sales Co	Stevensville, Md	MI3-2341
Wisc	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	RO3-1570
	COLLINS RADIO CO 35-45-325-385-895-1135-1425-1845-1870	**5200 C Ave. NE. Cedar Rapids, Iowa**	**EM5-8411**
Ariz	A D Melvin	P.O.Box 1028, Sierra Vista, Ariz	GL8-[illegible]
Cal	W A Ross	235 E. 3rd Ave. San Mateo	DI3-3591
Cal	G R Schneider	19,700 Jamboree Blvd. Newport Beach	TW5-8520
DC	R P Dutton	1825 Connecticut Ave, Washington, DC	DE2-8211
Fla	L O Embree	4471 N.W. 36th St, Miami, Fla	TU8-2407
Ga	J N Hunt	2804 Dodson Dr. E. Point	344-2933
NJ	H A Hawley	43 W. Front St. Red Bank	SH1-5379
NY	W J McKnight	1271 Ave. of the Americas, NY 20	JU6-5678
NY	Paul Revere, The	Turin Rd. Rome	FF6-1300
Ohio	J W Sneed	3898 Linden Dr, Dayton, Ohio	CL3-8165
Tex	J E Dalby	Box 1891, Dallas 21	RI8-0761
Wash	W A Weiland	1318 4th Ave, Seattle, Wash	MA2-[illegible]
For	R H Hollister	242 London Rd. Staines. Middsx. Eng	ST5-4128
Canada	A I O Davies	11 Bermondsey Rd, Toronto, Ont, Canada	PL7-1101
	COLORADO RESEARCH CORP D Shea Jr #20 *100 E 280-325-338-435-890-965-1190-1305	**Broomfield, Colo**	**IN6-2331**
	COLOR-LITE DIV, THE SLOAN CO P Zazenis #4 *65 C 990-1735	**7704 San Fernando Rd, Sun Valley, Cal**	**TR7-1123**
Ala	W E Wolcott Co	Box 1523, Winter Park, Fla	MI7-1591
Ariz	Weightman & Associates	4029 Burbank Blvd. Burbank, Cal	VI9-2437
Cal	Weightman & Associates	Box 1523, Winter Park, Fla	DA6-[illegible]
Cal	Weightman & Associates	4029 Burbank Blvd. Burbank	VI9-24[illegible]
Conn	Saunders & Co	8 Prospect St. Waltham, Mass	TW4-6071
Conn	Ed Glass Assoc	250 W 57th St. NY 19, NY	JU6-[illegible]
Del	Schumacher Assoc	Box 182, Abington, Pa	TU4-[illegible]
Del	Schumacher Associates	Box 182, Abington, Pa	TU4-[illegible]
DC	Leo T McCourt & Son	610 Washington Ave. Baltimore, Md	VA3-3455
Fla	W E Wolcott Co	Box 1523, Winter Park	MI7-1591
Ga	W E Wolcott Co	Box 1523, Winter Park, Fla	MI7-1591
Idah	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	MA4-8650
Ill	J E Kerrigan Co	5933 Madison St, Chicago 44	ES9-[illegible]
Ind	Clare Electronics	Box 3031, Cleveland 7, Ohio	IV1-5394

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Iowa	J E Kerrigan Co	3933 Madison St. Chicago 44, Ill	ES9-4030
Kan	Gordon Fixman Engineering Co	8160 Stanford Ave. St Louis, Mo	PA5-5219
Ky	Clare Electronics	Box 3031, Cleveland 7, Ohio	IV1-5364
Me	Saunders & Co	8 Prospect St. Waltham, Mass	TW4-6071
Md	Leo T McCourt & Son	610 Washington Ave. Towson, Baltimore	VA3-3455
Mass	Saunders & Co	8 Prospect St. Waltham, Mass	TW4-6071
Mich	Clare Electronics	Box 3031, Cleveland 7, Ohio	IV1-5364
Minn	Fred B Hill Co	6110 Excelsior Blvd, Mpls	WE9-6727
Mo	Gordon Fixman Engineering Co	8160 Stanford Ave. St Louis	PA5-5219
Mont	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	MA4-8650
Nev	Weightman & Associates	4029 Burbank Blvd. Burbank, Cal	VI9-2435
NH	Saunders & Co	8 Prospect St. Waltham, Mass	TW4-6071
NJ	Schumacher Associates	Box 182, Abington, Pa	TU4-7808
NY	Ed Glass Associates	250 W 57th St. New York 19	JU6-8440
NY	Walter M Onyx	Box 4, Wellsville	GR9-6501
NC	W E Walcott Co	Box 1523, Winter Park, Fla	MI7-1901
ND	Fred B Hill Co	6110 Excelsior Blvd. Mpls, Minn	WE9-6727
Ohio	Clare Electronics	Box 3031, Cleveland 7	IV1-5364
Ore	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	MA4-8650
Pa	Clare Electronics	Box 3031, Cleveland 7, Ohio	IV1-5364
Pa	Schumacher Associates	Box 182, Abington	TU4-7808
RI	Saunders & Co	8 Prospect St. Waltham, Mass	TW4-6071
SC	W E Walcott Co	Box 1523, Winter Park, Fla	MI7-1901
SD	Fred B Hill Co	6110 Excelsior Blvd. Mpls, Minn	WE9-6727
Tenn	W E Walcott Co	Box 1523, Winter Park, Fla	MI7-1901
Vt	Saunders & Co	8 Prospect St. Waltham, Mass	TW4-6071
Va	Leo T McCourt & Son	610 Washington Ave. Baltimore, Md	VA3-3455
Wash	N R Schultz Co	4227 Airport Way, Seattle 8	MA4-8650
Wis	J E Kerrigan Co	3933 Madison St. Chicago, Ill	ES9-4030
Wis	Fred B Hill Co	6110 Excelsior Blvd. Mpls, Minn	WE9-6727
Can	Micarta Fabricators Ltd	18 Toronto St. Toronto, Can	
	COLUMBIA ELECTRIC MFG CO	**4519 Hamilton Ave, NE, Cleveland 14, O**	**EN1-8060**
	H W Sessman #10 *100 E 895		
Alas	The James L Kearns Co, Inc	6055 NE Glisan St, Portland 13, Ore	BE6-1165
Cal	Bellfone Co	425 Market St, San Francisco 11, Cal	YU2-3713
Cal	Bremer-Fielder & Associates	7563 Melrose Ave, Los Angeles 26, Cal	WE6-7178
Ill	Murphy & Dickey	547 S Dearborn St, Chicago 5, Ill	HA7-7953
Ind	C D Arnold	2123 N Meridian St, Indpls 2, Ind	WA5-7561
Md	Durling Electric Co	301 E 25th St, Baltimore 18, Md	HO7-5560
Mo	Gordon Fixman Engineering Co	8160 Stanford Ave, St Louis 30, Mo	PA5-5219
NJ	Herman H Smith Co, Inc	27 Park Pl, New York 7, NY	RE2-8163
NY	Herman H Smith Co, Inc	27 Park Pl, New York 7, NY	
Ore	The James L Kearns Co, Inc	6055 NE Glisan St, Portland 13, Ore	BE6-1165
Wash	The James L Kearns Co, Inc	6055 NE Glisan St, Portland 13, Ore	BE6-1165
Wisc	Morris F Jacobs Co	2218 N Third St, Milwaukee 12, Wisc	LO2-5030
	COLUMBIA METAL BOX CO	**260 E. 143 St, New York, NY**	**LU5-2525**
	A Traub #2 *150 B 180-1245		
Ala	W Theo Dismuke	4714 Lake Forest Dr. NW, Atlanta, Ga	BL5-5453
Ark	L J Roane	1526 N Merton St. Memphis 8, Tenn	GL8-1996
Cal	Geo E Gray Co	2725-17th St, San Francisco, Cal	HE1-1526
Conn	H L Frank & Sons	863 Washington, Newtonville 60, Mass	WO9-8300
Conn	F J Nolan	177 White Plains Rd, Tarrytown, NY	ME1-1618
Del	Doulty & Downie	2123 Maryland Ave, Baltimore, Md	TU9-3470
DC	Doulty & Downie	2123 Maryland Ave, Baltimore, Md	TU9-3470
Fla	Harry A Heather	3956 Greenwood Ave, Jacksonville, Fla	EV9-2220
Ga	W Theo Dismuke	4714 Lake Forest Dr. NW, Atlanta	BL5-5453
Ill	Hook Crossley Co	15 N. Jefferson St, Chicago 6, Ill	ST2-6811
La	W W Beazley	1719 Veterans Memorial Hwy, Metairie	VE1-3173
Me	H L Frank & Sons	863 Washington St. Newtonville 60, Mass	WO9-8300
Md	Doulty & Downie	2123 Maryland Ave, Baltimore, Md	TU9-3470
Mass	H L Frank & Sons	863 Washington St. Newtonville 60	WO9-8300
Mich	Arlee Electric Sales	9173 Grand River Ave, Detroit 4, Mich	TY8-3093
Minn	R E Dunn Sales Co	5630 France Ave, S, Mnpls, Minn	WA6-5221
Miss	L J Roane	1526 N Merton St. Memphis 8, Tenn	GL8-1996
NH	H L Frank & Sons	863 Washington St. Newtonville 60, Mass	WO9-8300
NJ	Peter Knapp	56 Hickory St, Dumont, NJ	DU4-6257
NY	Leslie Osterman	E. Lake Rd, Skaneateles, NY	OV5-5871
NC	T L Henderson	1401 Mimosa Dr, Greensboro	BR3-1604
ND	R E Dunn Sales Co	5630 France Ave, S, Mnpls 24, Minn	WA6-5221
Ohio	Kilkenny Co	1729 Superior Ave, N.E., Cleveland, Ohio	CH1-4306
Okla	Robt Gee	5801 N Billen St. Okla City 12	VI2-2236
Pa	Leslie Osterman	E. Lake Rd, Skaneateles, NY	OV5-5871
Pa	E Ralph Fangstrom Co	119 Federal St, Pittsburgh 12, Pa	AL1-2680
RI	H L Frank & Sons	863 Washington St. Newtonville 60, Mass	WO9-8300
SC	T L Henderson	1401 Mimosa Dr. Greensboro, NC	BR3-1604
SD	R E Dunn Sales Co	5630 France Ave, S, Mnpls 24, Minn	WA6-5221
Tenn	C B Turberville	935-1 Woodland, Knoxville, Tenn	KA5-2568
Tex	Geo E Anderson Co	1901 Griffin St, Dallas, Tex	RI1-5741
Vt	H L Frank & Sons	863 Washington Ave. Newtonville 60, Mass	WO9-8300
Va	Harris Teeter	Box 1694, Westhampton Sta, Richmond 26	AT8-0781
W. Va	E. Ralph Fangstrom Co	119 Federal St, Pittsburgh 12, Pa	AL1-2680
Wisc	Walter M Braun	5401 N. Hollywood Ave, Milwaukee, Wisc	ED2-1040
	COLUMBIA PRODUCTS CO	**Rt 3, Columbia, SC**	**SU7-8710**
	J Parsons Jr #8 *350 B 45		
Ala	Paul Hayden Assoc	PO Box 331, East Point, Ga	PO7-9646
Ariz	A W Weart Brothers	16113 S Harris, Compton, Cal	NE6-7046
Ark	Nelson Thomas & Assoc	7825 Forshey St. New Orleans 25, La	
Cal	A W Weart Brothers	16113 S Harris, Compton	NE6-7046
Colo	Vines & Co	PO Box 1025, Denver 1	
Conn	Chester Drexler Co	3 Lee Dr. South Farmingdale, NY	
Del	Edward Braddock	PO Box 325, Haddonfield, NJ	HA9-0087
DC	Edward Braddock	PO Box 325, Haddonfield, NJ	HA9-0087
Fla	Paul Hayden Assoc	PO Box 331, East Point, Ga	PO7-9646
Ga	Paul Hayden Associates	P.O. Box 331, East Point, Ga	PO7-9646
Idah	Ray Johnston Co	1011 69th St. Seattle 15, Wash	LA4-5170
Ind	Harrison J Bland & Associates	1508 Winton Ave, Indianapolis, Ind	
Iowa	Jack Larson	4531 Walnut, Omaha, Neb	
Ky	Harrison J Bland Assoc	1508 Winton Ave. Indpls 24, Ind	
La	Nelson Thomas & Assoc	7825 Forshey St. New Orleans 25	
Me	Chester Drexler Co	3 Lee Dr. South Farmingdale, NY	
Md	Edward Braddock	PO Box 325, Haddonfield, NJ	
Mass	Chester Drexler Co	3 Lee Dr. South Farmingdale, NY	
Miss	Paul Hayden Assoc	PO Box 331, East Point, Ga	
Mont	Ray Johnston Co	1011 69th St. Seattle 15, Wash	
Neb	Jack Larson	4531 Walnut, Omaha	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Nev	A W Weart Brothers	16113 S Harris St. Compton, Cal	NE6-7046
NH	Chester Drexler Co	3 Lee Dr. South Farmingdale, NY	
NJ	Edward Braddock	PO Box 325, Haddonfield	HA9-0087
NJ	Chester Drexler Co	3 Lee Dr. South Farmingdale, NY	
NM	Vines & Co	PO Box 1025, Denver 1, Colo	
NY	Chester Drexler Co	3 Lee Dr. South Farmingdale	
NC	Paul Hayden Assoc	PO Box 331, East Point, Ga	
Ohio	R O Whitesell & Assoc	6621 E Washington St. Indpls 19, Ind	
Okla	Nelson Thomas Assoc	7625 Forshey St. New Orleans 25, La	
Ore	Ray Johnston Co	1011 69th St. Seattle 15, Wash	LA4-5170
Pa	Hy Miles	5510 Hobart St. Pittsburgh 17	
RI	Chester Drexler Co	3 Lee Dr. South Farmingdale, NY	
SC	Paul Hayden Assoc	PO Box 331, East Point, Ga	
Tenn	Paul Hayden Assoc	PO Box 331, East Point, Ga	PO7-9646
Tex	Nelson Thomas Assoc	7825 Forshey St. New Orleans 25, La	
Utah	A W Weart Brothers	16113 S Harris, Compton, Cal	NE6-7046
Vt	Chester Drexler Co	3 Lee Dr. South Farmingdale, NY	
Va	Paul Hayden Assoc	PO Box 331, East Point, Ga	PO7-9646
Wash	Ray Johnston Co	1011 69th St. Seattle 15	LA4-5170
W Va	Hy Miles	5510 Hobart St. Pittsburgh 17, Pa	
Wyo	Vines & Co	PO Box 1025, Denver 1, Colo	
•	**COLUMBIA TECHNICAL CORP**	**24-30 Bklyn-Qns Expwy. W, Woodside 77, NY**	**YE2-0800**
	J Jacobs #5 *67 D 315-450-670-1855		
Ala	Floyd Fausett & Co	777 Pinehurst Terr. SW, Atlanta, Ga	PL3-3104
Ariz	M W Riedel & Co	136 E Valley Blvd. Alhambra, Cal	CU3-7694
Cal	M W Riedel & Co	136 E Valley Blvd. Alhambra	CU3-7694
Conn	Forsberg Sales	125 Perkins Ave. Brockton, Mass	OX8-2800
Del	Arco Eng Co	1000 16th St. NW, Washington 5, DC	EX3-5991
DC	Arco Eng Co	1000 16th St. NW, Washington 5	EX3-5991
Fla	Floyd Fausett & Co	4507 Gulf Dr. Bradenton Beach	BR9-3131
Ga	Floyd Fausett & Co	777 Pinehurst Terr. SW, Atlanta 10	PL3-3104
Idah	Tri-Western Agency	1327 Major St. Salt Lake City 15, Utah	HU5-8726
Ill	Malovac Sales Co	5906 W North Ave. Chicago 39	ME7-9090
Ind	Malovac Sales Co	5906 W North Ave. Chicago 39, Ill	ME7-9090
Iowa	Forristal-Young Sales Co	4053 Broadway, Kansas City, Mo	VA1-5330
Kan	Forristal-Young Sales Co	4053 Broadway, Kansas City, Mo	VA1-5330
Me	Forsberg Sales	125 Perkins Ave. Brockton, Mass	OX8-2800
Md	Arco Eng Co	1000 16th St. NW, Washington, DC	EX3-5991
Mass	Forsberg Sales	125 Perkins Ave. Brockton	OX8-2800
Miss	Floyd Fausett & Co	777 Pinehurst Terr. SW, Atlanta, Ga	PL3-3104
Mo	Forristal-Young Sales Co	4053 Broadway, Kansas City	VA1-5330
Neb	Forristal-Young Sales Co	4053 Broadway, Kansas City, Mo	VA1-5330
NH	Forsberg Sales	125 Perkins Ave. Brockton, Mass	OX8-2800
NJ	George H Weiland	76-49 168th St, Flushing 66, NY	OL8-4061
NJ	Arco Eng Co	1000 16th St. NW, Washington 5, DC	EX3-5991
NY	George H Weiland	76-49 168th St, Flushing 66, NY	OL8-4061
NC	Floyd Fausett & Co	Stony Point, Greenwood, SC	GL1-3637
Ohio	Andy Grimm	1731 Ruskin Rd. Dayton 6	CR7-1496
Okla	Cotton Daniels Co	PO Box 8511, Tulsa	
Pa	Arco Eng Co	1000 16th St. NW, Washington 5, DC	EX3-5991
RI	Forsberg Sales Co	125 Perkins Ave. Brockton, Mass	OX8-2800
SC	Floyd Fausett & Co	Stony Point, Greenwood	GL1-3637
Tenn	Floyd Fausett & Co	777 Pinehurst Terr. SW, Atlanta 10, Ga	PL3-3104
Tex	Cotton Daniels Co	PO Box 8511, Tulsa, Okla	
Utah	Tri-Western Agency	1327 Major St. Salt Lake City 15	HU5-8726
Vt	Forsberg Sales	125 Perkins Ave. Brockton, Mass	OX8-2800
Va	Arco Eng Co	1000 16th St. NW, Washington 5, DC	EX3-5991
Wis	Malovac Sales Co	5906 W North Ave. Chicago 39, Ill	ME7-9090
Wyo	Tri-Western Agency	1327 W Major St. Salt Lake City 15, Utah	HU5-8726
Can	Lake Eng Co., Ltd	123 Manville Rd. Scarborough, Ont	PL7-3253
•	**COLUMBIA WIRE & SUPPLY CO**	**2850 Irving Pk Rd, Chicago, Ill**	**CO7-1360**
	J Pierson #2 *100 C 45-185-190-375-795-1575-1960		
Ala	J E Joyner & Assoc	P O Box 10321, Sta A, Atlanta, Ga	758-7496
Alas	Dave M Lee Co., Inc	3527 NE Union Ave. Portland 12, Ore	AT8-5796
Ariz	Walter W Cormier	7402 W. 80th St, L A 45, Cal	OR4-5833
Cal	Walter W Cormier	7402 W. 80th St, Los Angeles 45, Cal	OR4-5833
Colo	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Conn	Lawrence B Cole & Co	2300 Washington St. Newton Lwr Falls 62, Mass	DE2-2490
Del	Eberle-Schaar Co	RD #1, Lewisberry, Pa	PO6-3995
DC	Albert F Schaar	405 Stratford Rd, Baltimore 28, Md	RI7-3227
Fla	Jack Geartner Co	215 Lincoln Rd, Miami Beach, Fla	JE1-0200
Fla	Herbert H Geartner	3713 Needles Dr. Orlando	CY3-4152
Ga	J E Joyner & Assoc	Box 10321, Sta A, Atlanta	758-7496
Haw	Gene Piety Factors, Inc	Box 2903, Honolulu 17	
Ind	Burton F Hunsicker Co	4320 Dodge Ave. Ft Wayne 3	TR3-1348
Iowa	Kelly, Schmitz & Winkeler Assoc	407 W 74th St. Terr. Kansas City 14, Mo	EM1-5651
Kan	Kelly, Schmitz & Winkeler Assoc	407 W 74th St. Terr. Kansas City 14, Mo	EM1-5651
La	Hank Lieberman & Assoc	PO Box 591, Slidell	
Mass	Lawrence B Cole	2300 Washington St. Newton Lwr Falls	DE2-2490
Mich	J Malcolm Flora Inc	N. Territorial & Ridgewood, Plymouth, Mich	GL3-4291
Minn	Stan Clothier Co	12 W. 58th St, Minneapolis 19, Minn	TA5-1234
Mo	Kelly, Schmitz & Winkeler	407 W 74th St. Terr. Kansas City	EM1-5651
Neb	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Nev	E W Brandl Co	1122 Folsom St, San Francisco 3, Cal	HE1-0464
NJ	Jack Brown Associates	207 Rosedale Rd, Yonkers, NY	SP9-7330
NJ	Eberle-Schaar Co	RD 1, Lewisberry, Pa	PO6-3995
NM	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
NY	Jack Brown Associates	207 Rosedale Rd, Yonkers, NY	SP9-7330
NC	The Hiller Co	3007 Kinnamon Rd, Winston Salem, NC	PA5-8588
ND	Stan Clothier Co	12 W. 58th St, Minneapolis 19, Minn	TA5-1234
Ohio	James M Landfear Co	12429 Cedar Rd, Cleveland 6, Ohio	FA1-4533
Okla	Hank Lieberman & Assoc	6005 Northwood Rd. Dallas, Tex	EM3-3452
Ore	James W Eckersley	3150 S. W. Hamilton, Portland 1, Ore	CH6-3183
Pa	Eberle-Schaar Co	RD 1, Lewisberry, Pa	PO6-3995
Pa	James M Landfear Co	12429 Cedar Rd, Cleveland 6, Ohio	FA1-4533
SC	The Hiller Co	3007 Kinnamon Rd, Winston Salem, NC	PA5-8588
SD	Stan Clothier Co	12 W. 58th St, Minneapolis 19, Minn	TA5-1234
Utah	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Wash	James W Eckersley	3150 S. W. Hamilton, Portland 1, Ore	CH6-3183
W.Va	James M Landfear Co	12429 Cedar Rd, Cleveland 6, Ohio	FA1-4533
Wis	E W Johnson	3301 Wheelock Dr. Racine	
Wyo	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Foreign	E D Magnus & Associates	188 W. Randolph St, Chicago, Ill	FR2-3785

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
•	**COLUMBIAN CARBON CO**	**300 Madison Ave, New York 17, NY**	**MU7-2300**
	R Daly #55 *2400 G 1125		
Cal	B E Dougherty Co., The	1007 E. Olympic Blvd, L A 21, Cal	MA4-6211
Cal	B E Dougherty Co., The	405 Third St, San Francisco 7, Cal	YU6-5493
Colo	Application Engineers Inc	2150 S. Bellaire St, Denver 22, Colo	SK7-1211
Ga	Charles L Burks & Co	P.O. Box 54, E Pt, Ga	PO6-3671
Ill	Cary Co., The	228 N. La Salle St, Chicago 1, Ill	CE6-1425-7
Ky	Wm B Tabler Co	P.O. Box 1254, Louisville 1, Ky	JU2-7866
La	Columbian Carbon Co	P.O. Box 1561, Monroe, La	FA3-8422
La	Kem-Sol, Inc	P.O. Box 8173, New Orleans 22, La	WH7-2188
Mass	Columbian Carbon Co	803 Park Square Bldg, Boston 16, Mass	HA6-0254-5
Mich	Columbian Carbon Co	15900 W. McNichols Rd, Detroit	BR3-5161
Minn	Willard N Swenson Co	2015 N. 3rd St, Minneapolis 1, Minn	FE9-5257
Mo	Abner Hood Chemical Co	507 N. Montgall Ave, Kansas City 20	CH1-3621
Mo	J E Niehaus & Co, Inc	1375 S Kings Hwy, St Louis 3, Mo	OL2-0466
NJ	Columbian Carbon Co	601 Cass St, Trenton, NJ	EX2-3147
NC	Charles L Burks & Co	P.O. Box 1665, High Point, NC	HI2-1551
Ohio	Columbian Carbon Co	P.O. Box 708, Akron 9, Ohio	JE5-4191
Pa	Columbian Carbon Co	170 N. Broadway, Camden 2, NJ	WO6-3183
Tex	Ribelin Distributors, Inc	309 N Hawkins, Dallas 26, Tex	RI8-6341
Tex	Ribelin Distributors, Inc	P.O. Box 21081, Houston 26, Tex	CA4-9556
Canada	Columbian Carbon Ltd	7 Superior Ave, Toronto 14, Ont	CL9-9617
Canada	Columbian Carbon Ltd	7147 Park Ave, Montreal 15	CR1-4595
	COLUMBUS ELECTRONICS CORP	**1000 Saw Mill River Rd. Yonkers, NY**	**YO8-1221**
	G Bard #10 *102 E 220-500-1445		
Ala	Stanley K Wallace Assoc, Inc	1451 Linda Vista Dr. Birmingham	LY2-6291
Alas	James J Backer Co	221 W Galer St. Seattle 99, Wash	AT3-6470
Cal	Logan & Stone Co	1485 Bayshore Blvd. San Francisco	DE4-1200
Cal	Weightman & Assoc	4025 W Burbank Blvd. Burbank	VI9-2435
Fla	Components Sales Corp	Box 178, N Miami Beach	FR4-1391
Ga	Stanley K Wallace Assoc, Inc	715 Flamingo Dr. SW, Atlanta	PL3-8463
Ill	Magnuson Associates	3347 W. Irving Park Rd, Chicago, Ill	KE9-7595
Md	Massey Assoc	6007 Riverdale Rd. Riverdale	AP7-1000
Mass	Mosher & Peyser Co	945 Great Plain Ave. Needham 92	HI4-1400
NJ	Herman C Bloom	23 Hastings Rd. Franklin Park	MA3-6595
NJ	Massey Assoc	529 Brookhurst Ave. Narberth, Pa	MO4-4200
NJ	S & M	595 Broad Ave, Ridgefield, NJ	WH5-3000
NY	S A M Assoc	150-08 87th Ave. Jamaica 32	OL8-4881
NY	Herman C Bloom	23 Hastings Rd. Franklin Park, NJ	MA3-6595
NY	Franklin & Andrews Sales Co	2 Standish Terr. Syracuse	GI6-2246
NC	S K Wallace Assoc Inc	PO Box 11077, Charlotte	JA3-6108
Ohio	Westerkamp & Assoc	5643 Maple Ridge Dr. Cincinnati 27	LO1-4429
Pa	Massey Assoc	529 Brookhurst Ave. Narberth	MO4-4200
Pa	Westerkamp & Assoc	5643 Maple Ridge Dr. Cincinnati 27	LO1-4429
Tenn	S K Wallace Assoc Inc	538 Rochelle Dr. Nashville	VE2-3794
Tex	Gordon V Prox Co., The	130 Casa Linda Plaza, Dallas 18	DA1-6579
Wash	James J Backer Co	221 W Galer St. Seattle 99	AT3-6470
For	Sylvan Ginsbury Ltd	8 W 40th St, NY 18, NY	LO4-7585
Can	Deeuer E E Ltd	441 St Francois Xavier St, Montreal, Que	VI5-6575
	COLVIN LABS INC	**364 Glenwood Ave, East Orange, NJ**	**OR7-1221**
	D Vogel #10 *110 D 80-440-1735-1850		
Ala	E C Raymond & Assoc	PO Box 225, Huntsville	JE6-8611
Ariz	Randolph Engineering Corp	1029 N. First St, Phoenix, Ariz	AL8-5281
Cal	Randolph Engineering Corp	12000 E. Garvey Ave, El Monte, Cal	CU3-4183
Conn	Bordewieck Engineering Sales Co	221 Grove St, Braintree (Boston 85), Mass	VI3-0845
Del	George Goodman Co	103 E. 25th St, Baltimore 18, Md	BE5-5570
DC	George Goodman Co	103 E. 25th St, Baltimore 18, Md	BE5-5570
Fla	E C Raymond & Assoc	PO Box 8215, St Petersburg	WA1-1089
Ga	E C Raymond & Assoc	PO Box 8215, St Petersburg, Fla	WA1-1089
Idah	Peterson Co	4949 Colorado Blvd. Denver 16, Colo	DE3-5434
Kan	Airight Sales	350 S Socora Dr. Wichita	PA2-4411
La	Airight Sales	350 S Socora Dr. Wichita, Kan	PA2-4411
Me	Bordewieck Engineering Sales Co	221 Grove St, Braintree (Boston 85), Mass	VI3-0845
Md	George Goodman Co	103 E. 25th St, Baltimore 18, Md	BE5-5570
Mass	Bordewieck Engineering Sales Co	221 Grove St, Braintree (Boston 85), Mass	VI3-0845
Miss	E C Raymond & Assoc	PO Box 8215, St Petersburg, Fla	WA1-9735
Mo	Airight Sales	350 S Socora Dr. Wichita, Kan	PA2-4411
Neb	Peterson Co	4949 Colorado Blvd. Denver 16, Colo	DE3-5434
NH	Bordewieck Engineering Sales Co	221 Grove St, Braintree (Boston 85), Mass	VI3-0845
NJ	Carbone Assoc	11 Meadow Dr. Little Falls	CL6-1878
NM	Randolph Eng Corp	1029 N 1st St. Phoenix, Ariz	AL8-5281
NY	Martin P Andrews, Inc	315 Mott Rd. Fayetteville	NE7-6416
NC	E C Raymond & Assoc	PO Box 8215, St Petersburg, Fla	WA1-9735
Okla	Airight Sales	350 S Socora Dr. Wichita, Kan	PA2-4411
Ore	W J McNabb Co	PO Box 566, Bellevue, Wash	GL4-0577
Pa	George Goodman Co	103 E 25th St. Baltimore 18, Md	BE5-5570
SC	E C Raymond & Assoc	PO Box 8215, St Petersburg, Fla	WA1-9735
Tenn	E C Raymond & Assoc	PO Box 8215, St Petersburg, Fla	WA1-9735
Tex	Airight Sales	350 S Socora Dr. Wichita, Kan	PA2-4411
Vt	Bordewieck Engineering Sales Co	221 Grove St, Braintree (Boston 85), Mass	VI3-0845
Va	George Goodman Co	103 E. 25th St, Baltimore 18, Md	BE5-5570
Wash	W J McNabb Co	PO Box 566, Bellevue	GL4-0577
W Va	George Goodman Co	103 E 25th St. Baltimore 18, Md	BE5-5570
Wyo	Peterson Co	4949 Colorado Blvd. Denver 16, Colo	DE3-5434
•	**COMAR ELECTRIC CO**	**3349 W. Addison, Chicago 18, Ill**	**JU8-2410**
	1135-1460-1645-1735		
Ala	Maitland K Smith Co	2133 Woodcliff Circle, Birmingham 13, Ala	
Ariz	M A Stolaroff Co	4622 W. Slauson Ave, L A 43, Cal	AX3-6226
Ark	Joseph M Henry	1948 S. Florence Pl, Tulsa, Okla	
Cal	M A Stolaroff Co	4622 W. Slauson Ave, L A 43, Cal	AX3-6226
Cal	David H Ross Co	534 El Camino Real, San Carlos, Cal	LY1-4411
Colo	C F L Co	1871 S. Broadway, Denver 10, Colo	SP7-4381
Conn	Walworth Controls Co	131 Main St, Rocky Hill, Conn	JA9-6806
Del	Victor S Malta Co	P.O. Box 4007, Philadelphia 18, Pa	VE6-5122
DC	Victor S Malta Co	P.O. Box 4007, Philadelphia 18, Pa	VE6-5122
Fla	Maitland K Smith Co	117 N. Keystone, Clearwater, Fla	
Ga	Maitland K Smith Co	208 14th St, N.W., Atlanta 13, Ga	
Idaho	C F L Co	1871 S. Broadway, Denver 10, Colo	SP7-4381
Ill	George E Harris & Co., Inc	7811 Carondelet Ave. St. Louis, Mo	VO3-6510
Ind	Ralph J Haffey Co	5629 Coldwater Rd, Ft. Wayne 8, Ind	TR7-8181
Iowa	George E Harris & Co., Inc	526 Merchants Nat'l Bldg, Cedar Rapids	EM2-5302
Kan	George E Harris & Co., Inc	3527 Broadway, Kansas City, Mo	WE1-4884
Ky	Eugene Phillips	9071 Old Orchard Dr, Cincinnati 31, Ohio	
La	Joseph M Henry	1948 S. Florence Pl, Tulsa, Okla	
Md	Victor S Malta Co	P.O. Box 4007, Philadelphia 18, Pa	VE6-5122

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Mich	Ralph J Haffey Co	6629 Coldwater Rd, Ft. Wayne 8, Ind	TR7381
Minn	Dale Merrick	2160 E. Geranium Ave, St. Paul, Minn	
Mo	George E Harris & Co., Inc	7811 Carondelet Ave, St Louis, Mo	VO3-6550
Mont	C F L Co	1871 S. Broadway, Denver 10, Colo	SP7-4381
Neb	George E Harris & Co.	Merchants Nat'l Bldg, Cedar Rapids, Iowa	EM2-6302
Nev	M A Stoltenoff Co	4622 W. Slauson Ave, L A 43, Cal	AX3-6226
NJ	Millgold Electronic Sales Corp	300 N. Village Ave, Rockville Centre, NY	RO4-4322
NJ	Victor S Mautz Co	P.O. Box 4007, Philadelphia 18, Pa	VE6-5122
NM	C F L Co	1871 S. Broadway, Denver 10, Colo	SP7-4381
NY	Millgold Electronic Sales Corp	300 N. Village Ave, Rockville Centre, NY	RO4-4322
NY	H W Webster Co., Inc	487 Ellicott Square Bldg, Buffalo 3, NY	WA2517
NC	W E Henry Jr	2722 Normandy Rd, Charlotte 7, NC	FR5-8958
ND	Dale Merrick	2160 E. Geranium Ave, St. Paul, Minn	
Ohio	W J Brauer & Associates	15631 Lakewood Hghts Blvd, Cleveland 7	LA1-7268
Ohio	Eugene Phillips	9071 Old Orchard Dr, Cincinnati 30, Ohio	
Okla	Joseph W Henry	1548 E. Florence Pl, Tulsa, Okla	
Ore	George E Harris & Co., Inc	414 Dexter Horton Bldg, Seattle 4, Wash	MA4-1673
Pa	Victor S Mautz Co	P.O. Box 4007, Philadelphia 18, Pa	VE6-5122
Pa	W J Brauer & Associates	15631 Lakewood Hghts Blvd, Clev 7, Ohio	LA1-7268
SC	W E Henry Jr	2722 Normandy Rd, Charlotte 7, NC	FR5-8958
SD	Dale Merrick	2160 E. Geranium Ave, St. Paul, Minn	
Tenn	Ralph J Haffey Co	6629 Coldwater Rd, Ft. Wayne 8, Ind	TR7381
Tex	Joseph W Henry	1548 E. Florence Pl, Tulsa, Okla	
Utah	C F L Co	1871 S. Broadway, Denver 10, Colo	SP7-4381
Va	L A Roach	5013 New Kent Rd, Richmond 25, Va	EL8-0023
Wash	George E Harris & Co., Inc	414 Dexter Horton Bldg, Seattle 4, Wash	MA4-1673
W. Va	L A Roach	5013 New Kent Rd, Richmond 25, Va	EL8-0023
Wisc	Dale Merrick	2160 E. Geranium Ave, St. Paul, Minn	
Wyo	C F L Co	1871 S. Broadway, Denver 10, Colo	SP7-4381
Canada	George E Harris & Co., Inc	414 Dexter Horton Bldg, Seattle 4, Wash	MA4-1673
Canada	Nusonart of Canada Ltd	101 Fleury St, Montreal, Quebec, Canada	UN1-2656

COMBINED ELECTRONICS INC 200 ... **4645 W. Ogden Ave, Chicago, Ill** ... **OL6-3450**

Ariz	Sheffler-Kahn Co	P.O. Box 1967, Phoenix, Ariz	AL8-7893
Cal	Eddie Colman & Associates	1102 Maple Ave, S., Los Angeles, Cal	RI9-6591
Fla	Cartwright & Bean	4525 S. Louis Ave, Tampa, Fla	
Ga	Cartwright & Bean	3223 Cains Hill Pl, N.W., Atlanta, Ga	
Ill	Wm J Doyle Co	7002 N. Western Ave, Chicago, Ill	RO1-3130
Ind	James R Neff	3502 N. Riley Ave, Indianapolis, Ind	LI6-5824
La	Cartwright & Bean	821 Pontalba St, New Orleans, La	
Mich	Robert G Dailey Co	201 Catherine St, Ann Arbor, Mich	NO8-6908
Minn	Nick J Lauer Co	3749 W. Broadway, Minneapolis, Minn	JU8-4493
Mo	F C Somers & Co	17th & Main Sts, Kansas City, Mo	GR1-355
NY	R E Brauer Co., Inc	10 Columbus Circle, New York, NY	CO5-0440
NC	Cartwright & Bean	623 Herrin Dr, Charlotte, NC	
Pa	Rabco Sales & Engineering Service	1st National Bank Bldg, Pittsburgh 22	GR1-7272
Pa	Technical Representation	25 S. Easton Rd, Glenside, Pa	TU7-1325
Tenn	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR5-1914
Wash	Paramount Agencies	S. 121 Monroe St, Spokane, Wash	TE8-2287
Canada	Dessert E-E Ltd	441 St. Francois Xavier, Montreal, Can	VI5-6570

COMCO PLASTICS INC ... **98-34 Jamaica Ave, Richmond Hill, NY** ... **VI9-9000**
J Steele #3 *125 E 170-280-715-900-905-1135-1290-1295-1605-1785-1940

Conn	Comm'l Plastics Inc	29 Fitch St, New Haven, Conn	FU9-2181
NY	J D Martin	627 Park Ave, Rochester, NY	GR3-1313
Pa	Dan Everett	53 Indigo Rd, Levittown, Pa	WI9-2762
Vt	R A Knowlton	Stoneledge Farm, N. Ferrisburg	VA5-2851

COMET CO ... **72, Waldeggstr, Liebefeld, Berne, Swit** ... **63-05-83**
H Heller #10 *60 D 1800

COMINCO PRODUCTS INC.
ELECTRONIC MATERIALS DEPT 933 W 3rd Ave. Spokane 4, Wash ... **RI7-7103**
R Forsyth 265-885-1125-1350-1635-1940

COMMAND SYSTEMS, INC ... **1135 N Stanford Ave. Los Angeles 59, Cal** ... **FA1-4070**
#4 *6 B 245-330-365-370-885-895-915-1215-1340-1610-1855-1960

COMMERCIAL FILTERS CORP ... **2 Main St, Melrose 76, Mass** ... **DA4-7000**
E Adams #10 *500 670

Cal	Montgomery Brothers, Inc	4920 District Blvd, Los Angeles	LU9-6321
Cal	Montgomery Brothers	1122 Howard St, San Francisco 3, Cal	UN1-3527
Colo	G M Wallace & Co	324 Denham Bldg, Denver 2, Colo	AM6-0366
Conn	Faxon Engineering Co., Inc	467 New Park Ave, W. Hartford, Conn	
Conn	Faxon Engineering Co., Inc	P.O. Box 276, Sta A, Hartford 6, Conn	AD6-4256
Fla	H C Varner	1715 Lorimer Rd, Jacksonville 7, Fla	VA9-9972
Ill	Commercial Filters Corp	5814 N. North Ave, Chicago 39, Ill	NA2-9050
Ind	H E Darby Co., Inc	5165 N. Keystone Ave, Indianapolis 5	CL1-4260
Iowa	H L McNally & Son	3809 Lawnview Dr, Des Moines 10, Iowa	BL5-5309
La	C R Clingman	336 Pere Marquette Bldg, New Orleans 12	MA6316
Md	Tate Engineering Inc	515 S. Eutaw St, Baltimore 1, Md	LE9-0787
Mich	Jesse W Eakins Co	15475 James Couzens Hwy, Detroit 38	DI1-0660
Mo	Von Lauenter Engineering Co	2207 Pine St, St. Louis 3, Mo	GE6-1800
NJ	Commercial Filters Corp	663 Grand Ave, Ridgefield	WH5-8490
NY	Commercial Filters Corp	663 Grand Ave, Ridgefield, NJ	WH5-8490
Ohio	The R P Findlow Co	7419 Blue Ash Ave, Cincinnati 36, Ohio	SY1-2121
Ohio	Telco Inc	4230 Superior Ave, Cleveland 3, Ohio	EN1-4050
Okla	Power Machinery Co	3900 S. Memorial, Tulsa 5, Okla	RI3-2535
Ore	Montgomery Brothers	1632 N.W. Johnson St, Portland 9, Ore	CA3-4197
Pa	J V Calhoun Co	349 Montgomery Ave, Bala-Cynwyd, Pa	GR3-4477
Pa	Oil Products Co	200 & Smallman Sts, Pittsburgh 22, Pa	AT1-4441
Tex	Shaw Engineering Inc	P.O. Box 20073, Houston 25, Tex	JA9-4598
Wisc	Leonard & Furey	2415 W. Vliet, Milwaukee 5, Wisc	DI2-2809

COMMERCIAL PLASTICS CO ... **945 George St, Chicago 14, Ill** ... **GR7-8220**
M Kennedy #4 *40 D 285-1290

Ala	The Hilker Co	P.O. Box 5211, Winston Salem, NC	
Alaska	Wayne C Wells Co	4055 N. E. Glisan, Portland 13, Ore	
Ariz	C B Rush & Associates	3757 Wilshire Blvd, L A, Cal	
Cal	C B Rush & Associates	3757 Wilshire Blvd, Los Angeles 5, Cal	
Conn	Saul Cohen	30 Huntington Ave, Boston 16, Mass	
Del	Fay Garrettson Inc	P.O. Box 128, Williston Park, NY	
Fla	Jack Gardner Co	235 Lincoln Rd, Miami Beach, Fla	
Ga	The Hilker Co	P.O. Box 5211, Winston Salem, NC	
Ind	Bill Mathews	1127 Wells St, Fort Wayne, Ind	
Iowa	T H Ellis & Co	2201 Grand Ave, Kansas City 8, Mo	
Kan	T H Ellis & Co	2201 Grand Ave, Kansas City 8, Mo	
Me	Saul Cohen	30 Huntington Ave, Boston 16, Mass	
Md	Fay Garrettson Inc	P.O. Box 128, Williston Park, NY	
Mass	Saul Cohen	30 Huntington Ave, Boston 16, Mass	
Mich	Bill Mathews	1127 Wells St, Ft. Wayne, Ind	
Minn	Lester L Elstad Sales	5912 Wayzata Blvd, Mnnpls 16, Minn	
Mo	T H Ellis & Co	2201 Grand Ave, Kansas City 8, Mo	
Neb	T H Ellis & Co	2201 Grand Ave, Kansas City 8, Mo	
NH	Saul Cohen	30 Huntington Ave, Boston, Mass	
NJ	Fay Garrettson Inc	P.O. Box 128, Williston Park, NY	
NM	C B Rush & Associates	3757 Wilshire Blvd, L A 5, Cal	
NY	Fay Garrettson Inc	P.O. Box 128, Williston Park, NY	
NC	The Hilker Co	P.O. Box 5211, Winston Salem, NC	
ND	Lester L Elstad Sales	5912 Wayzata Blvd, Mnnpls 16, Minn	
Ohio	James H Podolny Co	5912 Penn Ave, Pittsburgh, Pa	
Ore	Wayne C Wells Co	5065 N. E. Glisan, Portland 13, Ore	
Pa	James H Podolny Co	5912 Penn Ave, Pittsburgh, Pa	
Pa	Fay Garrettson Inc	P. O. Box 128, Williston Park, NY	
RI	Saul Cohen	30 Huntington Ave, Boston 16, Mass	
SC	The Hilker Co	P.O. Box 5211 Winston Salem, NC	
SD	Lester L Elstad Sales	5912 Wayzata Blvd, Mnnpls 16, Minn	
Tenn	The Hilker Co	P.O. Box 5211, Winston Salem, NC	
Vt	Saul Cohen	30 Huntington Ave, Boston 16, Mass	
Va	The Hilker Co	P.O. Box 5211, Winston Salem, NC	
Wash	Wayne C Wells Co	5065 N. E. Glisan, Portland 13, Ore	
W.Va	James H Podolny Co	5912 Penn Ave, Pittsburgh, Pa	
Wisc	Lester L Elstad Sales	5912 Wayzata Blvd, Mnnpls 16, Minn	

• **COMMUNICATION ACCESSORIES CO** **Hwy 50 & 71 By-Pass, Lee's Summit, Mo** **LA4-3500**
C Rollert #16 *405 E 320-450-670-895-1145-1585-1855

Ala	William R Lehmann Co	108 Hillcrest Ave. Orlando, Fla	GA2-9848
Ariz	Samuel O Jewett Co	45 W. 1st Ave, Scottsdale, Ariz	WH5-9711
Ark	Hal F Corry Co. Inc	6315 Hillcrest Ave. Dallas 5, Tex	LA8-9172
Cal	Samuel O Jewett Co	13111 Ventura Blvd, N. Hollywood, Cal	ST9-8103
Colo	Fred A Pease Co	4921 E. 38th Ave, Denver 7, Colo	DU8-4643
Conn	P J Eng Sales Co., Inc	P O Box 212, Watertown, Mass	WA4-5950
Conn	P J Eng Sales Co. Inc	P O Box 212, Watertown, Mass	WA4-5950
Del	Daniel & Co	P O Box 124, Lutherville, Md	VA5-3330
DC	Daniel & Co	P O Box 124, Lutherville, Md	VA5-3330
Fla	William R Lehmann Co	108 Hillcrest Ave. Orlando, Fla	GA2-9848
Ga	William R Lehmann Co	108 Hillcrest Ave. Orlando, Fla	GA2-9848
Idaho	Testco	Boeing Field, Seattle 8, Wash	PA3-9000
Ill	Edward Schmeichel Co	5968 W. Chicago Ave, Chicago 51, Ill	ES8-2070
Ill	E B Schwenk	4210 Main St, Kansas City, Mo	WE1-7564
Ind	Edward Schmeichel Co	5968 W. Chicago Ave, Chicago 51, Ill	ES8-2070
Iowa	E B Schwenk	4210 Main St, Kansas City, Mo	WE1-7564
Kan	E B Schwenk	4210 Main St, Kansas City, Mo	WE1-7564
La	Hal F Corry Co. Inc	6315 Hillcrest Ave. Dallas 5, Tex	LA8-9172
Me	P J Eng Sales Co. Inc	P O Box 212, Watertown, Mass	WA4-5950
Md	Daniel & Co	P O Box 124, Lutherville, Md	VA5-3330
Mass	P J Eng Sales Co. Inc	P O Box 212, Watertown, Mass	WA4-5950
Mich	Edward Schmeichel Co	5968 W. Chicago Ave, Chicago 51, Ill	ES8-2070
Minn	Northport Engineering Inc	1729 Selby Ave, St. Paul, Minn	MI6-2521
Mo	E B Schwenk	4210 Main St, Kansas City, Mo	WE1-7564
Mont	Testco	Boeing Field, Seattle 8, Wash	PA3-9000
Neb	E B Schwenk	4210 Main St, Kansas City, Mo	WE1-7564
NH	P J Eng Sales Co. Inc	P O Box 212, Watertown, Mass	WA4-5950
NJ	Mid Eastern Assoc.	Box 306, Levittown, Pa	WI9-1195
NJ	Harold Gray Associates	46 Tenafly Rd, Tenafly, NJ	LO7-3595
NM	Fred A Pease Co	4921 E. 38th Ave, Denver 7, Colo	DU8-4643
NY	Leonard D Allen Inc	P.O. Box 92, Salina Sta, Syracuse 8, NY	GR1-3018
NY	Harold Gray Associates	46 Tenafly Rd, Tenafly, NJ	LO7-3595
NC	William R Lehmann Co	108 Hillcrest Ave. Orlando, Fla	GA2-9848
ND	Northport Engineering Inc	1729 Selby Ave, St. Paul, Minn	MI6-2521
Ohio	Electro Com	5554 Pearl Rd, Cleveland 29, Ohio	TU6-2404
Okla	Hal F Corry Co, Inc	6315 Hillcrest Ave. Dallas 5, Texas	LA8-9172
Ore	Testco	Boeing Field, Seattle 8, Wash	PA3-9000
Pa	Electro Com	5554 Pearl Rd. Cleveland 29, Ohio	TR6-2404
Pa	Mid Eastern Assoc.	Box 306, Levittown, Pa	WI9-1195
RI	P J Eng Sales Co. Inc	P O Box 212, Watertown, Mass	WA4-5950
SC	William R Lehmann Co	108 Hillcrest Ave. Orlando, Fla	GA2-9848
SD	Northport Engineering Inc	1729 Selby Ave, St. Paul, Minn	MI6-2521
Tenn	William R Lehmann Co	108 Hillcrest Ave. Orlando, Fla	GA2-9848
Tex	Hal F Corry Co. Inc	6315 Hillcrest Ave. Dallas 5, Tex	LA8-9172
Utah	Fred A Pease Co	4921 E. 38th Ave, Denver 7, Colo	DU8-4643
Vt	P J Eng Sales Co. Inc	P O Box 212, Watertown, Mass	WA4-5950
Va	William R Lehmann Co	108 Hillcrest Ave. Orlando, Fla	GA2-9848
Wash	Testco	Boeing Field, Seattle 8, Wash	PA3-9000
Wisc	Edward Schmeichel Co	5968 W. Chicago Ave, Chicago 51, Ill	ES8-2070
Wisc	Northport Engineering Inc	1729 Selby Ave, St. Paul 4, Minn	MI6-2521
Wyo	Fred A Pease Co	4921 E. 38th Ave, Denver 7, Colo	DU8-4643

COMMUNICATION EQUIPMENT ENGINEERING CO ... **5646 W. Race Ave, Chicago, Ill** ... **ES8-3109**
40-220-320-325-895-1470-1765-1785

COMMUNICATION MEASUREMENTS LAB ... **350 Leland Ave, Plainfield, NJ** ... **PL6-5502**
365-895-915

Ala	Murphy & Cota	250 Governors Dr, S. E., Huntsville, Ala	JE6-9121
Ariz	Jon Davidson & Associates	P.O. Box 128, South Gate, Cal	
Cal	Jon Davidson & Associates	P.O. Box 128, South Gate, Cal	
Cal	Jon Davidson & Associates	P.O. Box 987, Burlingame, Cal	DI2-7455
Conn	George Gregory Associates	P.O. Box 241, Cheshire, Conn	AT8-2500
Del	Eastern Associates Inc	820 Homestead Rd, Jenkintown, Pa	TU4-7200
Del	Eastern Associates Inc	820 Homestead Rd, Jenkintown, Pa	TU4-7200
Fla	Murphy & Cota	250 Governors Dr, S.E., Huntsville, Ala	JE6-9121
Fla	Murphy & Cota	1270 Edgewater Dr, Orlando, Fla	GA4-2167
Ga	Murphy & Cota	250 Governors Dr, S.E., Huntsville, Ala	JE6-9121
Idaho	AHMCO	Boeing Field, King Cty Arpt, Seattle, Wash	PA5-9810
Ill	R Edward Stemm Inc	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Ind	R Edward Stemm Inc	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Iowa	R Edward Stemm Inc	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Ky	R Edward Stemm Inc	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Me	George Gregory Associates	99 Elm St, W. Newton, Mass	BI4-4932
Md	Eastern Associates Inc	808 Ingleside Ave, Baltimore 28, Md	RI4-3676
Mass	George Gregory Associates	99 Elm St, W. Newton, Mass	BI4-4932
Mich	Electro-Motion Associates	4012 E. Nine Mile Rd, Warren, Mich	JE9-1420
Minn	R Edward Stemm Inc	123 S. 3rd St, Mnnpls 1, Minn	FE5-7172
Miss	Murphy & Cota	250 Governors Dr, S. E., Huntsville, Ala	JE6-9121
Mo	R Edward Stemm Inc	5681 W. Lake St, Chicago 44, Ill	ES9-2700
NH	George Gregory Associates	99 Elm St, W. Newton, Mass	BI4-4932
NJ	Central Associates	44 N. Dean St, Englewood, NJ	LO8-0808
NY	NACO Electronics Corp	704 Allen Rd, North Syracuse, NY	GL8-2358
NY	Central Associates	44 N. Dean St, Englewood, NJ	LO8-0808
NC	Murphy & Cota	1106 Burke St, Winston Salem, NC	PA4-0755
Ohio	The Fred R Sharp Co	2138 Lee Rd, Cleveland, Ohio	FA1-4233
Ore	AHMCO	Boeing Field, King Cty Arpt, Seattle, Wash	PA5-9810
Pa	Eastern Associates Inc	820 Homestead Rd, Jenkintown, Pa	TU4-7200
Pa	The Fred R Sharp Co	2138 Lee Rd, Cleveland, Ohio	FA1-4233
SC	Murphy & Cota	1106 Burke St, Winston Salem, NC	PA4-0755
Tenn	Murphy & Cota	250 Governors Dr, S. E., Huntsville, Ala	JE6-9121
Tex	Koch Engineering & Sales Co	309 Meadows Bldg, Dallas 6, Tex	EM1-1765
Tex	Koch Engineering & Sales Co	1607 Jefferson Ave, Houston 2, Tex	FA3-7051
Vt	George Gregory Associates	99 Elm St, W. Newton, Mass	BI4-4932
Va	Eastern Associates Inc	808 Ingleside Ave, Baltimore 28, Md	RI4-3676
Wash	AHMCO	Boeing Field, King Cty Arpt, Seattle, Wash	PA5-9810
Wisc	R Edward Stemm Inc	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Foreign	Rocke Int'l Corp	13 E. 40th St, New York 16, NY	MU9-0200
Canada	Mel Sales Ltd	1969 Ave Rd, Toronto 12, Ontario, Can	HU1-0231

COMMUNICATIONS CO ... **300 Greco Ave, Coral Gables 34, Fla** ... **HI6-0844**
F Macklin #10 *235 E 45-325-360-1425-1870

Ala	Bishop Radio Co	231 W 21st Ave. Birmingham	FA3-3882
Alas	Commercial Communications	1204½ E 2nd Ave. Anchorage	BR2-6511
Ariz	Rapids Radio TV Appliance Co	223 Grand Ave. Nogales	AT7-3321
Ark	Arkansas Communications Co	2014 Pike Ave. N Little Rock	FR5-9394
Cal	National Transceiver Co	261 Hamilton Ave. Palo Alto	DA4-4597
Conn	Mobilfone System, Inc	99 Lyman Rd. W Hartford	AD6-1465
Del	Justis Bros. Inc	Market & Mary Sts. Newport	WY4-4495
Fla	Aero Maintenance Radio Co	8351 NW 36th St. Miami Springs	TU8-4642
Ga	Wm T Moore	304 Atlanta St. Marietta	423-8814
Haw	John J Harding Co. Ltd	1514 Kona St. Honolulu	955375
Idaho	Ross Distributing Co	104 S 1st W, Preston	168
Ill	Russell Hammer Radio Ranch	Polo	6-0417
Ind	Radiophone Co	152 Thornbush Dr. W Lafayette	RI3-4022
Iowa	Burlington Communications	612 N Main St. Burlington	PL2-2435
Kan	Wallis Co	516 N 9th St. Salina	TA7-7203
La	Griffith Communications Service	1515 N 7th St. W Monroe	FA3-5601
Md	Gardner's Inc	5393 Annapolis Rd. Bladensburg	UN4-4734
Mass	Modern Electronics Service	Lancaster Rd. Clinton	EM5-5474
Mich	Harold E Munn Jr	57 Edison Ct. Coldwater	BR9-6733
Minn	Electronics Communications Service	6006 Halifax Pl. N, Brooklyn Center	JU8-1590
Miss	Modern Electronics	218 North St. Cleveland	VI3-3465
Mo	St Johns Radio & TV Co	7207 St Charles Rock Rd	PA5-9655
Mont	Johnson Radio & Sound	1019 N 26 St. Billings	AL9-2183
NJ	Middlesex Mobile Communications	14 Cody St. Fords	LI9-3523
NY	Two-Way Mobile Electronic Co	7 Fork La. Hicksville	WE5-9300
NC	Watson Bros TV Service	105 Gregory Ave. Salisbury	ME3-3722
ND	Radio Clinic	Bottineau	365
Ohio	Central Communications Co	1829 Tacoma St. Dayton 10	CL4-1776
Okla	Cushing Electronic Laboratories	322 S High St. Cushing	CA5-0812
Ore	Television Systems, Inc	512 Spruce St, Myrtle Point	2391
Pa	Mobile Repair Shop	RD 2, Box 55, Honey Brook	BR3-3675
SC	Robert Godwin, Jr	305 W Evans, Florence	MO2-0921
Tenn	Curle Radio Supply Co	439 Broad St. Chattanooga	
Tex	Electronic Enterprises, Inc	114 Lombrano, San Antonio	PE4-5371
Vt	M H Hart	Rochester	PO7-8391
Va	L H Arnold	Grayson	PA5-2615
Wash	Northern Marine Wholesale Inc	1331 Northlake Way, Seattle	ME3-5455
W Va	Allied Communications	436 1st St. Huntington	JA3-1171
Wis	Mobile Communications Co	Route 1, Box 221, Stoughton	1377
Wyo	Wycomco	1020 E Pershing, Cheyenne	5-5394
Foreign	Ech[illegible]	C A Apt 4649 Este, Caracas, Venezuela	
Canada	Sandi Sales	120 E. Cordova St, Vancouver, BC, Canada	

COMMUNICATIONS CONTROL CORP **14707 Keswick St. Van Nuys, Cal** ... **ST2-4250**
H Eakers D 275-325-330-338-410-895-1435-1800

Ala	James L Highsmith & Co	3012 Acklen Dr. SW, Huntsville	JE9-6734
Ariz	T Louis Snitzer Co	5354 W Pico Blvd. Los Angeles 19, Cal	WE8-2074
Ark	Ind Assoc Electronics, Inc	2311 Farrington, Dallas, Tex	RI8-0777
Cal	T Louis Snitzer Co	510 S Mathilda Ave. Sunnyvale	RE6-6733
Cal	T Louis Snitzer Co	7814 Ivanhoe, La Jolla	GL4-2191
Cal	T Louis Snitzer Co	5354 W Pico Blvd. Los Angeles 19	WE8-2074
Colo	Hyde Electronics Co	888 S Lipan St. Denver 23	WE6-3455
Del	Eastern Instrumentation, Inc	613 Cheltenham Ave. Phila 26, Pa	
Ga	James L Highsmith & Co	3733 Monroe Rd. Charlotte 5, NC	FR7-2546
Idah	Hyde Electronics Co	888 S Lipan St. Denver 23, Colo	WE6-3455
Ill	R Edward Stemm, Inc	5681 W Lake St. Chicago 44	ES9-2700
Ind	R Edward Stemm, Inc	5681 W Lake St. Chicago 44, Ill	ES9-2700
Iowa	R Edward Stemm, Inc	123 S Third St. Mnpls, Minn	FE5-7172
Kan	Ind Assoc Electronics, Inc	2311 Farrington, Dallas, Tex	RI8-0777
Ky	R Edward Stemm, Inc	5681 W Lake St. Chicago 44, Ill	ES9-2700
La	Ind Assoc Electronics, Inc	2311 Farrington, Dallas, Tex	RI8-0777
Md	Eastern Instrumentation, Inc	808 Ingleside Ave. Baltimore 28	RI4-3676
Minn	R Edward Stemm, Inc	123 S Third St. Mnpls	FE5-7172
Mo	R Edward Stemm, Inc	5681 W Lake St. Chicago 44, Ill	ES9-2700
Mont	Hyde Electronics Co	888 S Lipan St. Denver 23, Colo	WE6-3455
Neb	Hyde Electronics Co	888 S Lipan St. Denver 23, Colo	WE6-3455
NJ	Eastern Instrumentation, Inc	613 Cheltenham Ave. Phila 26, Pa	
NM	Ind Assoc Electronics, Inc	2311 Farrington, Dallas, Tex	RI8-0777
NY	J A Reagan Co., Inc	45 N Lake Ave. Albany 3	HE6-3619
NY	J A Reagan Co., Inc	6 Bayberry Circle E, Liverpool	HO3-8771
NY	Eastern Instrumentation, Inc	211-02 Northern Blvd. Bayside	
NY	J A Reagan Co., Inc	145 Millbrook Dr. Williamsville 21	PL2727
NY	J A Reagan Co., Inc	10 Humphreys Terr, New Hartford	RE2-3775
NY	J A Reagan Co, Inc	578 Crestmont Rd, Binghamton	RA3-9551
NC	James L Highsmith & Co	3733 Monroe Rd. Charlotte 5	FR7-2546
Pa	Eastern Instrumentation, Inc	613 Cheltenham Ave. Philadelphia 26	
SC	James L Highsmith & Co	3733 Monroe Rd. Charlotte 5, NC	FR7-2546
Tenn	James L Highsmith & Co	3012 Acklen Dr. SW, Huntsville, Ala	JE9-6734
Tex	Ind Assoc Electronics, Inc	2311 Farrington, Dallas	RI8-0777
Utah	Hyde Electronics Co	888 S Lipan St. Denver 23, Colo	WE6-3455
Va	James L Highsmith & Co	PO Box 556, Richmond	EL9-1431
For	Szucs Intl Corp	50 Broad St. New York 4, NY	RA3-9551

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	COMMUNITY ENGINEERING CORP	**P.O. Box 824, State College, Pa**	**AD8-2461**
	J Palmer #2 *32 B 895		
Ala	W R Lehmann Co	Box 1224, Orlando, Fla	GA2-1848
Ariz	Robert S Miller Co	1625 W. Marlyn, Phoenix	
Cal	Astroel Inc	Los Altos	WH8-3636
Colo	Astroel Inc	349 1st St. Los Altos, Cal	WH8-3636
Conn	W M Hague Co	Box 19, Carlisle, Mass	VO2-8717
Del	Marco Inc	7016 River Rd. Bethesda, Md	EM5-4321
DC	Marco Inc	7016 River Rd. Bethesda, Md	EM5-4321
DC	H P Nesbitt Co	7016 River Rd, Bethesda, Md	OL2-145
Fla	W R Lehmann Co	Box 1224, Orlando, Fla	GA2-1848
Ga	W R Lehmann Co	Box 1224, Orlando, Fla	GA2-1848
Ind	Satullo Co., The	4512 N. Woodward Ave. Royal Oak, Mich	LI9-3910
Me	W M Hague Co	Box 19, Carlisle, Mass	VO2-8717
Mass	W M Hague Co	Box 19, Carlisle, Mass	VO2-8717
Mich	Satullo Co., The	4512 N. Woodward Ave. Royal Oak	LI9-3910
Md	Marco Inc	7016 River Rd. Bethesda	EM5-4321
Nev	Astroel Inc	349 1st St. Los Altos, Cal	WH8-3636
NH	W M Hague Co	Box 19, Carlisle, Mass	VO2-8717
NJ	L C Freeman & Assoc	24 Stephen St, Montclair, NJ	PI4-4775
NM	S W E E T Sales Co	9434 Album Ave. El Paso, Tex	
NY	L C Freeman & Assoc	24 Stephen St, Montclair, NJ	PI4-4775
NC	Candor Co., The	2080 Beach St. Winston-Salem	PA2-1432
Ohio	Satullo Co., The	1580 Euclid, Cleve	IV6-2800
Ohio	Satullo Co., The	785 W. Ohio Pike, Cinc	PL2-6683
Ore	J K Dooley Co	3215 Western Ave. Seattle 1, Wash	AT4-8313
Pa	Satullo Co., The	992 Perry Hwy. Pittsburgh	WE1-5200
RI	W M Hague Co	Box 19, Carlisle, Mass	VO2-8717
SC	Candor Co., The	2080 Beach St. Winston-Salem, NC	PA2-1432
Tenn	Candor Co., The	2080 Beach St. Winston-Salem, NC	PA2-1432
Tex	S W E E T Sales Co	9434 Album Ave. El Paso	
Utah	Astroel Inc	349 1st St. Los Altos, Cal	WH8-3636
Vt	W M Hague Co	Box 19, Carlisle, Mass	VO2-8717
Wash	J K Dooley Co	3215 Western Ave, Seattle 1	AT4-8313
W Va	Satullo Co., The	992 Perry Hwy. Pittsburgh, Pa	WE1-5200
For	M Simons & Son Co	25 Warren St. NY 7, NY	BA7-5513
	COMPO SHOE MACHINERY CORP.		
	SPEC PRODS DIV	**125 Roberts Rd. Waltham 54, Mass**	**TW4-3650**
	J Vitka #20 *450 F 05-30-265-675-700-900-1075-1635-1640-1825		
	COMPONENT MFG. SERVICE INC	**W Bridgewater, Mass**	**JU8-0163**
	R Hill #4 *126 E 345-375-1315-1630		
Cal	Transdynamics Inc	Burbank	VI9-6262
Mass	E R Vizard Sales Co	Trumbull, Conn	AM8-5619
	COMPONENT RESEARCH CO., INC	**3019 S. Orange Dr, Los Angeles 16, Cal**	**WE3-1185**
	D Kellerman #2 *12 B 220		
Cal	Calmo Co., The	5545 Amby Dr. San Jose 24	AN6-6177
Cal	Richard Cappell Co., The	2639 S La Cienega Blvd. Los Angeles 34	UP0-8616
Conn	Bradley Assoc	9 Dash Pl. New York 63, NY	KI9-8588
Del	Argus Industries Inc	PO Box 68, Warminster, Pa	OS5-4131
DC	Argus Industries Inc	PO Box 68, Warminster, Pa	OS5-4131
Me	L R Provencher Assoc	Lowell Rd. Westford, Mass	MY2-8779
Md	Argus Industries, Inc	PO Box 68, Warminster, Pa	OS5-4131
Mass	L R Provencher Assoc	Lowell Rd. Westford	MY2-8779
Nev	Calmo Co., The	5546 Amby Dr. San Jose 24, Cal	AN6-6177
NH	L R Provencher Assoc	Lowell Rd. Westford, Mass	MY2-8779
NJ	Bradley Assoc	9 Dash Pl. New York 63, NY	KI9-8588
NJ	Argus Industries Inc	PO Box 68, Warminster, Pa	OS5-4131
NY	Bradley Assoc	9 Dash Pl. New York 63	KI9-8588
Ohio	Howard Noyes Assoc	111 Folsom Dr, Dayton	CR7-5574
Pa	Argus Industries Inc	PO Box 68, Warminster	OS5-4131
RI	L R Provencher Assoc	Lowell Rd. Westford, Mass	MY2-8779
Tenn	Argus Industries Inc	PO Box 68, Warminster, Pa	OS5-4131
Vt	L R Provencher Assoc	Lowell Rd. Westford, Mass	MY2-8779
Va	Argus Industries Inc	PO Box 68, Warminster, Pa	OS5-4131
W Va	Argus Industries Inc	PO Box 68, Warminster, Pa	OS5-4131
	COMPONENTS CORP	**2857 N Halsted St. Chicago, Ill**	**EA7-6566**
	M Oestreman #4 *40 C 320-670-895-1830-1855		
Ala	John F Wattles	7210 Red Road, Miami 43, Fla	MO5-3574
Ariz	Bowden Engrs & Sales Co	8900 Snowheights NE, Albuquerque, NM	AX9-0473
Cal	Gene F Strauss Co	1181 Sesame Dr. Sunnyvale	RE9-8640
Cal	Ed Landa Co	1736 Westwood Blvd. LA 24	BR2-9525
Colo	Bowden Eng & Sales Co	8900 Snowheights Bd. NE, Albuquerque NM	AX9-0473
Del	Earl H Moore	6101 Joshua Rd. Whitemarsh, Pa	CH7-7122
DC	Earl H Moore	6101 Joshua Rd. Whitemarsh, Pa	CH7-7122
Fla	John F Wattles	7210 Red Rd. Miami 43	MO5-3574
Ill	Gassner & Clark Co	6644 N Western Ave. Chicago 45	RO4-6121
Ind	Gassner & Clark Co	6644 N Western Ave. Chicago 45, Ill	RO4-6121
Iowa	Gassner & Clark Co.	6644 N Western Ave. Chicago 45, Ill	RO4-6121
Md	Earl H Moore	6101 Joshua Rd. Whitemarsh, Pa	CH7-7122
Nev	Bowdan Eng & Sales Co	8900 Snowheights Blvd. Albuquerque, NM	AX9-0473
NJ	Earl H Moore	6101 Joshua Rd. Whitemarsh, Pa	CH7-7122
NM	Bowden Eng & Sales Co	8900 Snowheights Blvd. NE, Albuquerque	AX9-0473
Pa	Earl H Moore	6101 Joshua Rd. Whitemarsh	CH7-7122
Utah	Bowdnn Eng & Sales Co	8900 Snowheights Blvd. NE, Albuquerque	AX9-0473
Va	Earl H Moore	6101 Joshua Rd. Whitemarsh, Pa	CH7-7122
Wis	Gassner & Clark Co	6644 N Western Ave. Chicago 45, Ill	RO4-6121
	COMPONENTS CORP	**Denville, NJ**	**OA7-0290**
	B 895-1265-1440-1905		
	COMPONENTS FOR RESEARCH INC	**979 Commercial St, Palo Alto, Cal**	**DA1-5252**
	J Blanco #3 *11 B 175-320-345-715-905-1290-1355		
	COMPONENTS, INC	**Smith St. Biddeford, Me**	**AT3-3383**
	J Hartigan #2 *6 A 220		
Cal	Malcom Ross & Co	1623 S LaCienga Blvd. Los Angeles 35	BR2-3103
DC	Arco Engineering Co	1000 16th St. NW, Washington 6	EX3-5991
Ind	R T Matthews & Co	1127 Wells St. Fort Wayne	EA3917
Mass	Electronic Component Engineers	4 Temple St. Abington	TR[illegible]-3072
Minn	Bill Bartleson Co	330 Oak Grove, Minneapolis 3	FE3-6709
Mo	F Gordon Fromm Eng Co	1860 Stanford Ave. St Louis 30	PA5-5219
NJ	S R Morrow	Box 336, Chatham	ME5-8960
NY	S R Morrow	Box 336, Chatham, NJ	ME5-8960
For	Mechine & Products Co	52 Wall St. New York 6, NY	WH4-4370
	COMPOSITE INDUSTRIAL METALS INC	**235 Georgia Ave, Providence, RI**	**HO7-8767**
	H Dickson 70-1120-1125-1350-1635-1940		
Cal	Chafin & Assoc	1541 W. Olympic Blvd. LA	DU5-3355
Ind	Robert Schleicher & Associates	1730 Fox Hill Rd, Indianapolis 9, Ind	CL3-0944
NY	John Lazor Assoc. Inc	280 E. Highland Dr. Rochester 10	GR3-8337
Ohio	George P Bray	11750 Shaker Blvd. Cleve 20	LO1-6510
Pa	George P Bray	11750 Shaker Blvd, Cleveland 20, Ohio	LO1-6510
For	E Courts - "Teknis"	Plainville, Mass	MY9-4707
	COMPUDYNE CORP	**400 S. Warminster Rd, Hatboro, Pa**	**OS5-4100**
	H Lucas #40 *125 F 20-338-340-360-365-895-1435-1555-1915-1920		
Ala	George Gilliam	McAllister Trailer Court, Huntsville	
Ariz	Luscombe Engineering Co	1020 S Arroyo Pkwy. Pasadena, Cal	MU2-3385
Cal	Luscombe Engineering Co	1121 S. Fair Oaks Ave, Pasadena, Cal	RY1-3385
Cal	Luscombe Engineering Co	1020 S Arroyo Pkwy. Pasadena	MU2-3385
NJ	Automatic Systems, Inc	PO Box 429, Camden 2	UL4-7437
NY	J L Moore Co	325 Mill St, Buffalo 21, NY	SP8480
NY	J L Moore Co	325 Mill St. Buffalo 21	NF3-8480
NC	Earl M Seagrave Co	PO Box 11356, Charlotte 9	523-8163
Ohio	J L Moore Co	325 Mill St, Buffalo 21, NY	SP8480
Ohio	Scarp Engrg. Sales Co	Box 2003, Kettering Branch, Dayton	TU5-2661
Utah	Control Systems, Inc	445 E 4th S, Salt Lake City 11	EM4-6425
	COMPUTER COMPONENTS, INC	**88-06 Van Wyck Expwy. Jamaica 18, NY**	**AX1-3500**
	H Weinberg #2 *45 C 320-585		
Conn	John Stawicki Assoc	PO Box 126, Essex	SO7-1806
Mass	John Stawicki Assoc	PO Box 126, Essex, Conn	SO7-1806
NJ	O E M Sales Corp	80 Shore Rd. Pt Washington, NY	PO7-7700
NY	O E M Sales Corp	80 Shore Rd. Port Washington	PO7-7700
	COMPUTER CONTROL CO., INC.	**983 Concord St, Framingham, Mass**	**TR5-6185**
	J Leebman #35 *199 E 338-450-475-895-1150		
Ariz	Computer Control Co	2251 Barry Ave. LA, Cal	GR8-0481
Cal	Computer Control Co., Inc	2251 Barry Ave, Los Angeles 64, Cal	GR8-0481
Colo	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Del	L G White & Co., Inc	108 Forrest Ave, Narberth, Pa	MO4-6505
DC	L G White & Co., Inc	880 Bonifant St, Silver Spring, Md	JU5-3111
Idaho	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Ill	Long, Claeson & Assoc	6733 N Olmstead Ave. Chicago	SP4-3610
Iowa	Lang, Claeson & Assoc	6733 N. Olmstead Ave. Chicago, Ill	SP4-3610
Md	L G White & Co., Inc	880 Bonifant St, Silver Spring, Md	JU5-3111
Mich	Dayton Associates	15332 Kennebec, Southgate	AV5-3125
Nev	Computer Control Co. Inc	2251 Barry Ave. Los Angeles, Cal	GR8-0481
NJ	Instrumentation Sales Co	20 Jerome Ave, Glen Rock, NJ	GI5-5210
NM	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
NY	Instrumentation Sales Co	323 Violet St. Massapequa Pk.	
NY	Instrumentation Sales Co	20 Jerome Ave, Glen Rock, NJ	GI5-5210
NC	L G White & Co., Inc	Box 2356, Winston-Salem, NC	PA5-3612
Ohio	Dayton Associates	Talbott Tower, Dayton 2, Ohio	BA3-9621
Okla	Amnon & Champion Co	2714 Bomar St. Dallas, Tex	FL7-3939
Ore	Computer Control Co. Inc	2251 Barry Ave. Los Angeles, Cal	GR8-0481
Pa	L G White & Co., Inc	108 Forrest Ave, Narberth, Pa	MO4-6505
Tenn	L G White & Co. Inc	880 Bonifant St. Silver Spring. Md	JU5-3111
Tex	Amon & Champion Co	217 Bomar St. Dallas	FL7-3939
Utah	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Va	L G White & Co., Inc	880 Bonifant St, Silver Spring, Md	JU5-3111
Wash	Computer Control Co. Inc	2251 Barry Ave. LA, Cal	GR8-0481
W. Va	H E Ransford Co	5400 Clairton Blvd, Pittsburgh, Pa	TU4-3425
Wyo	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
For	Kyokuto Boeki Kaisha, Ltd	536 Marunouchi Bldg, Tokyo, Jap	20-0551-9
For	Andrew Thom Ltd	261 Broadway, Sydney, NSW Aust	MW-3124
	COMPUTER DEVICES CORP	**6 W 18th St. Huntington Sta, NY**	**AR1-0666**
	E Wendelkowski #2 *15 A 450		
Cal	Web Electronic Assoc	PO Box 45734, L A	OR8-0151
Conn	DEA Co., The	Burlington Rd. Unionville	OR3-3310
Del	Electrical Manufacturers Service	318 Mathieson Bldg. Baltimore, Md	LE9-2131
DC	Electrical ManufacturersService	318 Mathieson Bldg. Baltimore, Md	LE9-2131
Me	DEA Co., The	Burlington Rd. Unionville, Conn	OR3-3310
Me	DEA Co., The	30 Arlington St. Lynnfield, Mass	ED4-3575
Md	Electrical Manufacturers Service	318 Mathieson Bldg. Baltimore	LE9-2131
Mass	DEA Co., The	Lynnfield	ED4-3575
NH	DEA Co., The	30 Arlington St. Lynnfield, Mass	ED4-3575
NH	DEA Co., The	Burlington Rd. Unionville, Conn	OR3-3310
NJ	Electrical Manufacturers Service	8 N Lincoln Ave. Penns Grove	UL7-5426
NJ	Electrical Manufacturers Service	PO Box 207, Nutley	NO7-2541
NY	Franklin & Andrews Sales Corp	2 Standish Terr. Syracuse	GI6-1120
NY	Electrical Manufacturers Service	PO Box 128, Williston Park	PI7-6610
Pa	Electrical Manufacturers Service	8 N Lincoln Ave. Penns Grove, NJ	UL7-5426
RI	DEA Co., The	30 Arlington St. Lynnfield, Mass	ED4-3475
RI	DEA Co., The	Burlington Rd. Unionville, Conn	OR3-3310
Vt	DEA Co., The	30 Arlington St. Lynnfield, Mass	ED4-3475
Vt	DEA Co., The	Burlington Rd. Unionville, Conn	OR3-3310
	COMPUTER ENGINEERING ASSOC INC	**350 N. Halstead St, Pasadena, Cal**	**EL5-7121**
	W Dixon #9 *60 E 340-895-1340-1945		
Ala	W A Brown & Associates Inc	3405 Lookout Dr, Huntsville, Ala	JE6-8393
Ariz	Wright Engineering Co	180 E. California St, Pasadena, Cal	MU1-8488
Ark	Engineering Associates Inc	P.O. Box 886, Ft. Worth, Tex	WA3-7386
Cal	Wright Engineering Co	180 E. California St, Pasadena, Cal	MU1-8488
Colo	Hytronics Measurements Inc	1295 S. Bannock St, Denver, Colo	PE3-3701
Conn	Michael S Caldwell Inc	289 Fairfield Ave, Hartford, Conn	JA2-5832
Del	W A Brown & Associates Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
DC	W A Brown & Associates Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Fla	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	IN1086
Ga	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	IN1086
Idaho	N R Schultz Co	4227 Airport Way, Seattle, Wash	MA4-8658
Idaho	Hytronic Measurements Inc	2022 Main St, Salt Lake City, Utah	IN6-4324
Ill	Burt Anderson & Associates Inc	6414 W. Higgins Ave, Chicago, Ill	SP4-4174
Ind	Burt Anderson & Associates Inc	6414 W. Higgins Ave, Chicago, Ill	SP4-4174
Iowa	Burt Anderson & Associates Inc	6414 W. Higgins Ave, Chicago, Ill	SP4-4174
Ky	W A Brown & Associates Inc	3405 Lookout Dr, Huntsville, Ala	JE6-8393
La	Engineering Associates Inc	P.O. Box 886, Ft. Worth, Tex	WA3-7386
Me	Michael S Caldwell Inc	41 Lancaster Rd, Needham, Mass	HI4-1142
Md	W A Brown & Associates Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Mass	Michael S Caldwell Inc	41 Lancaster Rd, Needham, Mass	HI4-1142
Mich	Burt Anderson & Associates Inc	6414 W. Higgins Ave, Chicago, Ill	SP4-4174
Minn	Burt Anderson & Associates Inc	6414 W. Higgins Ave, Chicago, Ill	SP4-4174
Miss	W A Brown & Associates Inc	3405 Lookout Dr, Huntsville, Ala	JE6-8393
Mo	Burt Anderson & Associates Inc	6414 W. Higgins Ave, Chicago, Ill	SP4-4174
Nev	Wright Engineering Co	180 E. California St, Pasadena, Cal	MU1-8488
NH	Michael S Caldwell Inc	41 Lancaster Rd, Needham, Mass	HI4-1142
NJ	Landfear Enterprises Inc	P.O. Box 68, Nutley 10, NJ	NO7-2900
NM	Hytronics Measurements Inc	211 Sierra S.E. Albuquerque, NM	AL5-0969
NY	Landfear Enterprises Inc	P.O. Box 68, Nutley, NJ	NO7-2900
NC	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	IN1086
Ohio	Burt Anderson & Associates Inc	6414 W. Higgins Ave, Chicago, Ill	SP4-4174
Okla	Engineering Associates Inc	P.O. Box 886, Ft. Worth, Tex	WA3-7386
Ore	N R Schultz Co	4227 Airport Way, Seattle, Wash	MA4-8658
Pa	Burt Anderson & Associates Inc	6414 W. Higgins Ave, Chicago, Ill	SP4-4174
Pa	Landfear Enterprises	P.O. Box 68, Nutley, NJ	NO7-2900
RI	Michael S Caldwell Inc	289 Fairfield Ave, Hartford, Conn	JA2-5832
SC	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	
Tenn	W A Brown & Associates Inc	3405 Lookout Dr, Huntsville, Ala	JE6-8393
Tex	Engineering Associates Inc	P.O. Box 886, Ft. Worth, Tex	WA3-7386
Utah	Hytronic Measurements Inc	2022 Main St, Salt Lake City, Utah	IN6-4324
Vt	Michael S Caldwell Inc	41 Lancaster Rd, Needham, Mass	
Va	W A Brown & Associates Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Wash	N R Schultz Co	4227 Airport Way, Seattle, Wash	MA4-8658
W. Va	W A Brown & Associates Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Wisc	Burt Anderson & Associates Inc	6414 W. Higgins Ave, Chicago, Ill	SP4-4174
Wyo	Hytronics Measurements Inc	2022 Main St, Salt Lake City, Utah	
	COMPUTER EQUIPMENT CORP	**11612 W Olympic Blvd. LA 64, Cal**	**GR8-0464**
	J Werlin #12 *40 D 190-338-365-475-895-1810		
Alas	James J Backer Co	221 W Galer, Seattle 99, Wash	AT3-6470
Idah	James J Backer Co	221 W Galer, Seattle 99, Wash	AT3-6470
Ohio	R D P Assoc	5895 Huberville, Dayton 31	CL3-6175
Ore	James J Backer Co	221 W Galer, Seattle 99, Wash	AT3-6470
Wash	James J Backer Co	221 W Galer, Seattle 99	AT3-6470
Can	James J Backer Co	221 W Galer, Seattle 99, Wash	AT3-6470
•	**COMPUTER INSTRUMENTS CORP**	**92 Madison Ave, Hempstead, NY**	**IV3-8200**
	J Herman #25 *215 325-330-1330-1475-1735-1855		
Ala	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	MI7-1901
Ariz	Components Sales California Inc	4526 3/4 Van Nuys Blvd, Sherman Oaks, Cal	ST8-4550
Ark	Harry Edmiston	2712 Swiss Ave. Dallas, Tex	RI1-5443
Cal	Components Sales California Inc	4526 3/4 Van Nuys Blvd, Sherman Oaks, Cal	ST8-4550
Conn	Components Sales Corp	218 E. Hartsdale Ave, Hartsdale, NY	SC5-1050
Del	Habco Electronic Sales Co	603 Allegheny Ave, Baltimore, Md	JU7-7527
DC	Habco Electronic Sales Co	603 Allegheny Ave, Baltimore, Md	JU7-7527
Fla	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	MI7-1901
Ga	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	MI7-1901
Ill	R T Mathews & Co	2113 S. Western Ave, Chicago 8, Ill	VI7-7220
Idah	T R Van Wagoner Co	1415 S Main St. Salt Lake City, Utah	
Ind	R T Mathews & Co	5950 Newlake Ave, Indianapolis 21, Ind	GL1-3913
Kan	Sanford Co.	1727 E 2nd St. Wichita	
Ky	James Murray & Assoc. Inc	3965 Race Rd. Cincinnati, Ohio	
La	Harry Edmiston	P.O. Box 5812, Dallas, Tex	RI1-5443
Me	Components Sales Corp	218 E. Hartsdale Ave, Hartsdale, NY	SC5-1050
Md	Habco Electronic Sales Co	603 Allegheny Ave, Baltimore, Md	JU7-7527
Mass	Components Sales Corp	218 E. Hartsdale Ave, Hartsdale, NY	SC5-1050
Mich	R T Mathews & Co	1127 Wells St, Fort Wayne, Ind	EA3917
Mo	Sanford Co	1727 E 2nd St. Wichita, Kan	
NH	Components Sales Corp	218 E. Hartsdale Ave, Hartsdale, NY	SC5-1050
NJ	Components Sales Corp	218 E. Hartsdale Ave, Hartsdale, NY	SC5-1050
NY	Components Sales Corp	218 E. Hartsdale Ave, Hartsdale, NY	SC5-1050
NC	Habco Electronic Sales Co	603 Allegheny Ave, Baltimore, Md	JU7-7527
Ohio	James W Murray & Assoc, Inc	3965 Race Rd. Cincinnati	
Okla	Harry Edmiston	P.O. Box 5812, Dallas, Tex	RI1-5443
Ore	G M Gillett	19690 19th N.E., Seattle, Wash	PA5-3060
RI	Components Sales Corp	218 E. Hartsdale Ave, Hartsdale, NY	SC5-1050
SC	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	MI7-1901
Tenn	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	MI7-1901
Tex	Harry Edmiston	P.O. Box 5812, Dallas, Tex	RI1-5443
Utah	T R Van Wagoner Co	1415 S Main St. Salt Lake City	
Vt	Components Sales Corp	218 E. Hartsdale Ave, Hartsdale, NY	SC5-1050
Va	Habco Electronic Sales Co	603 Allegheny Ave, Baltimore, Md	JU7-7527
Wash	G M Gillett	19690 19th N.E., Seattle, Wash	PA5-3060
Wisc	R T Mathews Co	2113 S. Western Ave, Chicago 8, Ill	VI7-7220
	COMPUTER-MEASUREMENTS CO	**12970 Bradley Ave. Sylmar, Cal**	**EM7-2161**
	B Sand *1200 G 338-360-895-1050-1810		
Ala	S S Lee Assoc, Inc	Utilities Bldg. Huntsville	JE6-0631
Ariz	Moxon Electronics Corp	489 S Robertson Ave. Beverly Hills, Cal	BR2-9311
Ark	Datronics, Inc	3333 W Alabama, Houston 6, Tex	JA4-6561
Cal	Moxon Electronics Corp	489 S Robertson Ave. Beverly Hills	BR2-9311
Colo	Hytronic Measurements, Inc	1295 S Bannock St. Denver 23	PE3-3701
Conn	Instr Dynamics, Inc	2385 Main St. Stratford	DR8-0435
Del	S S Lee Assoc, Inc	2521 Ennalls Ave. Wheaton, Md	LO5-3066
DC	S S Lee Assoc, Inc	2521 Ennalls Ave. Wheaton, Md	LO5-3066
Fla	S S Lee Assoc, Inc	718 W Smith Ave. Orlando	CH1-4445
Ga	S S Lee Assoc, Inc	Utilities Bldg. Huntsville, Ala	JE6-0631
Idah	Comptronics	2 Hanford St. Seattle 4, Wash	MA4-5135
Ill	Pivan Eng Co.	3542 Peterson Ave. Chicago 45	KE9-4838
Ind	Pivan Eng Co.	10302 N College Ave. Indpls 20	VI6-1532
Iowa	Pivan Eng Co	3542 Peterson Ave. Chicago 45, Ill	KE9-4838
Kan	Technical Sales Co.	8325 E Indianapolis, Wichita 7	MU3-8730
Ky	S S Lee Assoc, Inc	PO Box 906, Winston-Salem, NC	ST8-0431
La	Datronics, Inc	3333 W Alabama, Houston 6, Tex	JA4-6561
Me	Instr Dynamics, Inc.	11 Albion St. Wakefield, Mass	CR6-5100
Md	S S Lee Assoc, Inc	2521 Ennalls Ave. Wheaton, Mass	LO5-3066
Mass	Instr Dynamics, Inc	11 Albion St. Wakefield	CR6-5100
Mich	Tower Eng Co	19354 James Couzens Hwy, Detroit 35	DI1-2332
Minn	Pat Lind Electronics Co	9781 Western Ave. Circle Pines	SU4-3827
Miss	Datronics, Inc	3333 W Alabama, Houston 6, Tex	JA4-6561
Mo	Technical Sales Co.	6737 Holmes St. Kansas City	JA3-0227
Mont	Comptronics	2 Hanford St. Seattle 4, Wash	MA4-5135
Neb	Technical Sales Co.	8325 E Indianapolis, Wichita 7, Kan	JA3-0227
Nev	Moxon Electronics Corp.	15-41st Ave. San Mateo, Cal	FI5-7961
NH	Instr Dynamics, Inc	11 Albion St. Wakefield, Mass	CR6-5100
NJ	G Curtis Engel & Assoc	210 S Broad St. Ridgewood	GI4-1400
NM	Hytronic Measurements, Inc	211 Sierra SE, Albuquerque	AL5-0969
NY	G Curtis Engel & Assoc	210 S Broad St. Ridgewood, NJ	GI4-1400

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NC	S S Lee Assoc, Inc	PO Box 906, Winston-Salem	ST8-0431
ND	Pat Lind Electronics Co	5701 Western Ave. Circle Pines, Minn	SU4-3827
Ohio	Dayton Assoc	118 W 1st St, Dayton 2	BA3-9621
Okla	Datronics, Inc	3702 Cragmont Ave. Dallas 5, Tex	LA3-7362
Ore	Compronics	2 Harford St. Seattle 4, Wash	MA4-5135
Pa	G Curtis Engel & Assoc	203 S Broad St. Ridgewood, NJ	WA2-3270
RI	Instr Dynamics, Inc	11 Albion St. Wakefield, Mass	CR6-5100
SC	S S Lee Assoc, Inc	PO Box 906, Winston-Salem, NC	ST8-0431
SD	Pat Lind Electronics Co	5701 Western Ave. Circle Pines, Minn	SU4-3827
Tenn	S S Lee Assoc, Inc	PO Box 906, Winston-Salem, NC	ST8-0431
Tex	Datronics, Inc	3393 W Alabama, Houston 6	JA4-6561
Utah	Hytronic Measurements, Inc	2022 S Main, Salt Lake City	IN6-4924
Vt	Instr Dynamics, Inc	11 Albion St. Wakefield, Mass	CR6-5100
Va	S S Lee Assoc, Inc	3521 Emmalls Ave. Wheaton, Md	LO5-3066
Wash	Compronics	2 Harford St. Seattle 4	MA4-5135
W Va	S S Lee Assoc, Inc	3521 Emmalls Ave. Wheaton, Md	LO5-3066
Wis	Pivan Eng Co	3642 Peterson Ave. Chicago 45, Ill	KE9-4838
Wyo	Hytronic Measurements, Inc	1295 S Bannock St. Denver 23, Colo	PE3-3701
For	Ad Auriema, Inc	85 Broad St. New York, NY	BO9-7750
Can	Atlas Instrument Corp, Ltd	50 Wingold Ave. Toronto 19, Ont	RU1-6174
	COMPUTER SCIENCES, INC	**603 Main St. Westbury, NY**	**EE3-7070**
	M Sieves #15 *30 B 205-275-338-340-350-365-895-1550-1610		
	COMPUTER TECHNIQUES, INC	**3900 Northern Blvd. LIC 1, NY**	**ST6-1276**
	A Cherloff #4 *10 A 280-338-365-455-475-675-895-1150-1725-1810		
Cal	El-Con Sales, Co	1710 N La Brea, Hollywood	HO6-6281
NJ	Comtronic Assoc	1551 Franklin Ave. Mineola, NY	PI1-8966
NY	Comtronic Assoc	1551 Franklin Ave. Mineola	PI1-8966
	COMPUTERS INC	**3407 S. Shepherd Dr. Houston 6, Tex**	**JA4-9572**
	338-360-895-915-1420-1610		
Ariz	L A Christopher	1751 Franklin St. Denver 6, Colo	KE4-1338
Colo	L A Christopher	1751 Franklin St. Denver 6	KE4-1338
Del	C A Biggs Assoc	Box 151, Glenside, Pa	TU7-4080
Md	C A Biggs Assoc	Box 151, Glenside, Pa	TU7-4080
Mont	L A Christopher Co	1751 Franklin St. Denver 6, Colo	KE4-1338
NJ	C A Biggs Assoc	Box 151, Glenside, Pa	TU7-4080
NM	L A Christopher Co	1751 Franklin St. Denver 6, Colo	KE4-1338
Pa	C A Biggs Assoc	Box 151, Glenside	TU7-4080
Tex	Hy-Bon Eng. Co. Inc	Box 4185, W. Fla. Midland	MU2-5344
Utah	L A Christopher Co	1751 Franklin St. Denver 6, Colo	KE4-1338
Va	C A Biggs Assoc	Box 151, Glenside, Pa	TU7-4080
Wyo	L A Christopher Co	1751 Franklin St. Denver 6, Colo	KE4-1338
Can	Frank Wheatley Eqpt. Ltd	207-14th St. NW. Calgary, Alta	AT3-4901
	COMPUTING DEVICES OF CANADA LIMITED	**Box 508, Ottawa 4, Ontario, Canada**	**TA8-2711**
	N Wilson #100 *900 G 280-325-338-340-895-1073-1135-1395-1425-1430-1860-1870-1910		
	CONANT LABS	**Box 3997, Bethany Sta, Lincoln 5, Neb**	**IV8-0432**
	***7 B 1445**		
Ala	Cartwright & Bean	560 S. Cooper St, Memphis, Tenn	BR5-1914
Alaska	Wallace & Wallace	1206 Maple Ave, Los Angeles 15, Cal	RI7-0401
Ariz	Wallace & Wallace	1206 Maple Ave, Los Angeles 15, Cal	RI7-0401
Ark	Ernest L Wilks Co	1212 Camp St, Dallas 2, Tex	RI7-2637
Cal	Wallace & Wallace	1206 Maple Ave, Los Angeles 15, Cal	RI7-0401
Conn	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
Del	L D Lowery Inc	30 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
DC	L D Lowery Inc	30 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
Fla	Cartwright & Bean	2000 N.E. 15 Ct, Miami Beach, Fla	UI5-2962
Ga	Cartwright & Bean	560 S. Cooper St, Memphis, Tenn	BR5-1914
Hawaii	Wallace & Wallace	1206 Maple Ave, Los Angeles 15, Cal	RI7-0401
Idaho	Wallace & Wallace	1206 Maple Ave, Los Angeles 15, Cal	RI7-0401
Ill	Leroy W Beier Co	6518 W. North Ave, Chicago 35, Ill	BE7-2420
Ind	Leroy W Beier Co	6518 W. North Ave, Chicago 35, Ill	BE7-2420
Iowa	Leroy W Beier Co	6518 W. North Ave, Chicago 35, Ill	BE7-2420
Kan	H A Roes & Co	421 S Main, Wichita	
Ky	Scott & Steffen Inc	1836 Euclid Ave, Cleveland 15, Ohio	MA1565
La	Ernest L Wilks Co	1212 Camp St, Dallas 2, Tex	RI7-2637
Me	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
Md	L D Lowery Inc	4978 Annapolis Rd, Bladensburg, Md	UN4-4722
Mass	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
Minn	L H Josephson	402 Sweetbriar Ln. Hopkins	WE8-6695
Miss	Ernest L Wilks Co	1212 Camp St, Dallas 2, Tex	RI7-2637
Mo	H A Roes & Co	3601 Cherry St, Kansas City 8, Mo	BA1-0866
Mont	Wallace & Wallace	1206 Maple Ave, Los Angeles 15, Cal	RI7-0401
Neb	H A Roes & Co	3601 Cherry St, Kansas City 8, Mo	BA1-0866
Nev	Wallace & Wallace	1206 Maple Ave, Los Angeles 15, Cal	RI7-0401
NH	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
NJ	Kaelber & Mack	1 Park Ave, Manhasset, NY	MA7-6630
NY	Kaelber & Mack	1 Park Ave, Manhasset, NY	MA7-6630
NY	Leroy & McGuire	R D 1, Phelps, NY	K8-4891
NC	Cartwright & Bean	625 Harvey Dr, Charlotte, NC	FR6-8548
ND	L H Josephson	402 Sweetbriar Ln. Hopkins, Minn	WE8-6695
Ohio	Scott & Steffen Inc	1836 Euclid Ave, Cleveland 15, Ohio	MA1565
Okla	H A Roes & Co	3601 Cherry St, Kansas City 8, Mo	BA1-0866
Ore	Wallace & Wallace	1206 Maple Ave, Los Angeles 15, Cal	RI7-0401
Pa	Scott & Steffen	1836 Euclid Ave, Cleveland 15, Ohio	MA1565
RI	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
SC	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR5-1914
SD	L H Josephson	402 Sweetbriar Ln. Hopkins, Minn	WE8-6695
Tenn	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR5-1914
Tex	Ernest L Wilks Co	1212 Camp St, Dallas 2, Tex	RI7-2637
Utah	Wallace & Wallace	1206 Maple Ave, Los Angeles 15, Cal	RI7-0401
Vt	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
Va	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR5-1914
Wash	Wallace & Wallace	1206 Maple Ave, Los Angeles 15, Cal	RI7-0401
W. Va	Scott & Steffen Inc	1836 Euclid Ave, Cleveland 15, Ohio	MA1565
Wisc	Leroy W Beier Co	6518 W. North Ave, Chicago 35, Ill	BE7-2420
Wyo	Wallace & Wallace	1206 Maple Ave, Los Angeles 15, Cal	RI7-0401
For	Eng Walter Grossman	Caixa PO 930, Sao Paulo, Brazil	
For	Kienjones, SA	Apt 2250, Mexico 1, DF	
Canada	James Gregor	51 Yarmouth Rd, Toronto, Ontario, Canada	
	CONCERTAPES INC	**P. O. Box 88, Wilmette, Ill**	**AL6-8680**
	F Cessnea *7 210-1760		
Ariz	Illemar Dist. Co	3012 N. 16th St. Phoenix 16	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Golden Hit Dist	272 6th St. SF	
Cal	Sun State Music Dist. Co	2569 W. Pico Blvd. LA	
Cal	United Stereo Tapes	1024 Kifer Rd, Sunnyvale, Cal	
Colo	Gorman Dist. Co	1380 Harlan, Denver	
Colo	Pan American Record Supply Co	36 S. Santa Fe Dr. Denver	
Conn	Seaboard Dist. Co	313 Park Ave. E. Hartford	
Fla	Tempo Dist. Co. Inc	413 SE 11th Ave. Hialeah	
Ga	Hopkins Eqpt. Co	411 W. Peach St. Atlanta	
Ill	Arnold Dist.	1329 S. Michigan, Chicago	
Ill	Lofgren Dist Co	1202 Fourth Ave, Moline, Ill	
Ill	Record Distributors Inc	4135 W. Armitage Ave, Chicago, Ill	
Ind	Hoosier Record Dist	725 Russell Ave. Indpls	
La	Prime Sales Co	2630 Dauphine St. New Orleans 17	
Mass	Bay State Record Dist. Corp	1257 Tremont St. Boston	
Mich	Cadet Dist. Co. Inc	3736 Woodward Ave. Detroit	
Minn	D & G Dist. Co	1411 11th Ave. S, Mpls	
Minn	Heilicher Bros	113 N 9th St. Minneapolis 3, Minn	
Mo	Choice Records Dist.	3130 Main St. KC	
Mo	Record Merchants Inc	1519 Washington Ave. St. Louis	
Neb	Heilicher Bros	1610 Davenport, Omaha, Neb	
NJ	Apex Martin	351 Washington St. Newark	
NY	Seaboard Distributors Co	312 Broadway, Albany	
NY	M & N Dist. Co	620 Washington St. Buffalo	
NY	Cambridge Records	640 10th Ave. NY	
NY	Niagara Falls Radio Equipment Co	1720 Pierce Ave. Niagara Falls, NY	
NC	Walker Martin Inc	800 Poole Ave, Raleigh, NC	
Ohio	Duncan Sales	727 Carnegie, Cleve	
Ohio	Cosnat Dist Corp	27 W. Court St, Cincinnati, Ohio	
Okla	Sonart Dist. Co	133 NW 23rd St. Oklahoma City	
Pa	Saul Lampert Inc	1242 W. Girard Ave. Phila	
Pa	East Coast Distributors	633 Liberty Ave, Pittsburgh 22, Pa	
Pa	Cosnat Dist Corp	1343 N. Cumberland, Philadelphia, Pa	
Va	Allen Dist. Co. Inc	3409 W. Leigh St. Richmond	
Wash	Huffine Dist. Co	3131 Western Ave. Seattle 1	
Wis	John O'Brien Dist	2030 W. Vliet St. Milwaukee	
	CONCORD CONTROL INC	**1282 Soldiers Field Rd, Boston 35, Mass**	**AL4-5106**
	R Lewrie #15 *50 D 338-360-515-895-1435-1550-1555		
Cal	Concord Control Inc	1725 W. 6th St. LA 17	DU2-1401
DC	Concord Control Inc	711 14th St. NW, Washington 5	DI7-3838
NY	Concord Control Inc	320 Northern Blvd. Great Neck	HU7-4250
Ohio	Concord Control Inc	3100 S. Dixie Dr. Dayton	AX8-7801
Okla	Burtek Inc	15th St. at 73rd Ave. E. Tulsa 12	TE6-4621
	CONDUCTORLAB INC	**Groton, Mass**	**GI8-5140**
	W Abbott #4 *20 B 280-335-895-1305-1795-1980		
Colo	John Harold	PO Box 3163, Durango	CH7-5450
Conn	R P Mahan Co	Lincoln, Mass	CL9-9300
Del	Kenneth B Erdman Co	7908 High School Rd. Phila, Pa	CA4-1833
DC	Kenneth B Erdman Co	7908 High School Rd. Phila, Pa	CA4-1833
Me	R P Mahan Co	Lincoln, Mass	CL9-9300
Md	Kenneth B Erdman Co	7908 High School Rd. Phila, Pa	CA4-1833
Mass	R P Mahan Co	Sandy Pond Rd, S. Lincoln,	CL9-9300
Minn	Beauchamp's	1406 W Lake St. Mpls	
NH	R P Mahan Co	Lincoln, Mass	CL9-9300
NJ	Electronic Sales	2475 7th St. Fort Lee	HA9-5807
NY	Electronic Sales	2475 7th St. Fort Lee, NJ	HA9-5807
RI	R P Mahan Co	Lincoln, Mass	CL9-9300
Vt	R P Mahan Co	Lincoln, Mass	CL9-9300
Wash	Kenneth B Erdman Co	7908 High School Rd. Phila 17, Pa	CA4-1833
Wis	Beauchamp's	1406 W Lake St. Mpls, Minn	
	CON-ELCO DIV EDCLIFF INSTR	**1711 S Mountain Ave. Monrovia, Cal**	**MU1-5671**
	P Bullock #18 *300 C 1330-1475		
Ala	Roy Attaway Co	2315 Bob Wallace Ave. Huntsville	534-2811
Ariz	Pacific Electro-Sales Inc	5053 1/2 Whittier, Los Angeles 22, Cal	RA3-3396
Ark	Carey-Wolf Co	P.O. Box 5072, Ft. Worth, Tex	PE8-1702
Cal	Egbert Engineering Associates	499 Hamilton Ave, Palo Alto, Cal	DA6-1387
Cal	Pacific Electro-Sales Inc	5053 1/2 Whittier, Los Angeles 22, Cal	RA3-3396
Colo	Longstreet-Smith Associates Inc	1013 15th St, Denver 2, Colo	KE4-5091
Del	Houser Associates	188 Water St, Perth Amboy, NJ	HI2-3159
DC	Houser Assoc	734 15th St. Washington 5	NE8-0084
Fla	Roy Attaway Co	711 Magnolia Ave, Orlando, Fla	GA4-9383
Ga	Roy Attaway Co	2315 Bob Wallace Ave. Huntsville, Ala	534-2811
Idaho	Egbert Engineering Associates	499 Hamilton Ave, Palo Alto, Cal	DA6-1387
Ill	Carlson Electronic Sales	6677 N. Northwest Hwy, Chicago, Ill	NE1-8646
Ill	W E Fry & Co., Inc	6616 W. Florissant Ave, St. Louis, Mo	EV2-3500
Ind	Carlson Electronic Sales	6677 N. Northwest Hwy, Chicago, Ill	NE1-8646
Iowa	W E Fry & Co., Inc	6616 W. Florissant Ave, St. Louis, Mo	EV2-3500
Kan	W E Fry & Co., Inc	6616 W. Florissant Ave, St. Louis, Mo	EV2-3500
Ky	Dayton Associates	Talbott Tower, Dayton, Ohio	BA3-9621
La	Carey-Wolf Co	P.O. Box 5072, Ft. Worth, Tex	PE8-1702
Md	Houser Associates	188 Water St, Perth Amboy, NJ	HI2-3159
Mich	Robert H Jackson Co	10534 Ludlow Ave, Huntington Woods	LI2-5059
Minn	Lloyd F Murphy & Associates	1700 Hennepin Ave, Minneapolis 3, Minn	FE9-4851
Miss	Roy Attaway Co	2315 Bob Wallace Ave. Huntsville, Ala	534-2811
Mo	W E Fry & Co., Inc	6616 W. Florissant Ave, St. Louis 21	EV2-3500
Mont	Longstreet-Smith Associates Inc	1013 15th St, Denver 2, Colo	KE4-5091
Neb	W E Fry & Co., Inc	6616 W. Florissant Ave, St. Louis, Mo	EV2-3500
Nev	Egbert Engineering Associates	499 Hamilton Ave, Palo Alto, Cal	DA6-1387
NJ	Be-Ezco Sales Co	45 S. Broadway, Yonkers, NY	YO3-0150
NJ	Houser Associates	188 Water St, Perth Amboy, NJ	HI2-3159
NM	Longstreet-Smith Associates	1013 15th St, Denver, Colo	KE4-5091
NY	Be-Ezco Sales Co	45 S. Broadway, Yonkers, NY	YO3-0150
NY	S F Foster Co	204 Southfield Dr, Fayetteville, NY	NE7-6137
NC	Roy Attaway Co	2315 Bob Wallace Ave. Huntsville, Ala	534-2811
Ohio	Dayton Associates	Talbott Tower, Dayton, Ohio	BA3-9621
Okla	T J Ray Co	P O. Box 5417, Tulsa 4, Okla	WE6-7707
Ore	Egbert Engineering Associates	499 Hamilton Ave, Palo Alto, Cal	DA6-1387
Pa	Dayton Associates	Talbott Tower, Dayton, Ohio	BA3-9621
Pa	Houser Associates	188 Water St, Perth Amboy, NJ	HI2-3159
SC	Roy Attaway Co	2315 Bob Wallace Ave. Huntsville, Ala	534-2811
Tenn	Roy Attaway Co	2315 Bob Wallace Ave. Huntsville, Ala	534-2811
Tex	Carey-Wolf Co	P.O. Box 5072, Ft. Worth, Tex	PE8-1702
Utah	Longstreet-Smith Associates Inc	1013 15th St, Denver, Colo	KE4-5091
Va	Houser Associates	188 Water St, Perth Amboy, NJ	HI2-3159
Wash	Egbert Engineering Associates	499 Hamilton Ave, Palo Alto, Cal	DA6-1387
W. Va	Dayton Associates	Talbott Tower, Dayton, Ohio	BA3-9621

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Wisc	Lloyd F Murphy & Associates	1700 Hennepin, Minneapolis, Minn	FE9-4851
Wisc	Carlson Electronic Sales	6677 N. Northwest Hwy, Chicago, Ill	NE1-8646
Wyo	Longstreet-Smith Associates Inc	1013 15th St, Denver, Colo	KE4-5091
	CONFORMING MATRIX CORP	**830 New York Ave. Toledo 11, Ohio**	**RA9-3777**
	L McHee #2 *54 D 560-1075-1095		
	CONN-CRAFT CO	**303 Fairlawn Ave, Waterbury, Conn**	**PL4-1811**
	L Dakinow *3 A 595-1145-1245-1290-1295		
	CONN, LTD., C. G.	**1101 E Beardsley Ave. Elkhart**	**Ind**
	CONNECTICUT HARD RUBBER CO	**407 East St, New Haven, Conn**	**SP7-3631**
	E Backhold #30 *300 F 30-750-900-1290-1505-1545-1645-1735		
Cal	A B Boyd Co	763 E. 14th St, Los Angeles 21, Cal	RI9-8161
Cal	A B Boyd Co	1235 Howard St, San Francisco 3, Cal	UN1-2850
Cal	Miller Gasket Mfg Co., Inc	2113 E Florence Ave, Huntington Pk, Cal	LU3-4721
Cal	R Hurwich Co	2546 10th St, Berkeley 2, Cal	TH5-7972
Cal	Western Fibrous Glass Products Co	4423 Fruitland Ave, Los Angeles 58, Cal	LU8-3211
Cal	Western Fibrous Glass Products Co	739 Bryant St, San Francisco 7, Cal	SU1-8867
Conn	Auburn Mfg Co	Pease & Stack Sts, Middletown	DI6-6631
Conn	E J Davis Co	11 Albert St, New Haven, Conn	MA4-5125
Fla	East Coast Rubber & Plastic Co	4363 E. 10th Ln, Hialeah, Fla	MU1-4242
Fla	Tri-Point Plastics of Fla Inc	5201 Seminole Blvd, St Petersburg, Fla	WA1-2156
Ga	Electrical Insulation Suppliers Inc	500 Means St, N.W., Atlanta 18, Ga	JA5-2707
Ill	F D Farnam Co	4940 W. Flournoy St, Chicago 44, Ill	CO1-1100
Ill	J J Glenn & Co	605 Washington Blvd, Chicago 6, Ill	ST2-8855
Ky	General Rubber & Supply Co., Inc	3118 S. Preston St, Louisville 13, Ky	ME5-2906
Md	Robins Rubber Div	234 Key Hwy, Baltimore 30, Md	SA7-6275
Md	Electric Motor Supply Co	365 N Gay St, Baltimore	MU5-4533
Mass	Greene Rubber Co., Inc	Broadway at Sixth St, Cambridge 42, Mass	KI7-7555
Mass	John G Shelley Co, Inc	16 Mica Ln, Wellesley Hills	CE7-0900
Mich	Detroit Die Cutting	456 W 8-Mile Rd, Hazel Park	LI8-0600
Mich	Insulation & Copper Sales Co	15605 Woodrow Wilson Blvd, Detroit, Mich	TU3-0660
Minn	Precision Gasket	701 E. Excelsior Blvd, Hopkins, Minn	WE8-6307
Minn	D A Schultz Co	801 S.E. Eighth St, Minneapolis 14, Minn	FE9-7701
Mo	Gen'l Asbestos Gasket Mfg Corp	1721 S 7th St, St Louis 4, Mo	CH1-5013
Mo	Hanna Rubber Co	1512 Main St, Kansas City 8, Mo	BA1-9600
Mo	Frank W Winne & Son Inc	20 W. Ninth St Bldg, Kansas City, Mo	BA1-6880
NY	Chamberlin Rubber Co	455 Main St, E., Rochester 4, NY	BA5-3512
NY	Mercer Rubber Corp	66 Reade St, New York 7, NY	BA7-4349
NY	Mitchell-Rand Mfg. Corp	51 Murray St, New York, NY	CO7-9254
NY	Balamrol Corp Sub Bearings Inc	313 Niagara St, Buffalo 1, NY	MO4425
NC	Southern Rubber Co	360 Ashe St, Greensboro, NC	BR2-4507
Ohio	Cincinnati Gasket, Packing & Mfg Inc	1507 Elm St, Cincinnati, Ohio	PA1-5420
Ore	Western Fibrous Glass Prod Co	1611 NW Northrup St, Portland 9, Ore	CA6-6085
Ore	A B Boyd Co	930 SE Oak St, Portland 14	BE5-6649
Pa	Shields Rubber Corp	137 Fort Pitt Blvd, Pittsburgh 22, Pa	AT1-8200
Pa	Frank W Winne & Son Inc	44 N. Front St, Philadelphia 6, Pa	MA7-8060
Pa	Stockwell Rubber Co., Inc	1117 Shackamaxon St, Philadelphia 25, Pa	GA6-3200
Tex	Busacker Electronic Equipment Co	1216 W. Clay, Houston, Tex	JA9-4626
Tex	Amer Packing & Gasket Co	6039 Armour Dr, Houston, Tex	WA6-9607
Va	Richmond Rubber Co	618 E. Leigh St, Richmond, Va	MI8-8326
Wash	A B Boyd Co	418 Boren, N., Seattle 9, Wash	MA2-6545
Wash	Western Fibrous Glass Products Co	2915 First Ave, S., Seattle 4, Wash	MA4-7250
Wisc	N L Kuehn Co	3747 N. Booth St, Milwaukee 12, Wisc	WO4-3300
For	Rubbertex Pty Ltd	22-26 St Albans Rd, Melbourne, Aust	MW1271
Foreign	Polypenco Inc	2150 Fairmont Ave, Reading, Pa	FR6-5791
Canada	Griswold Engineering Ltd	146 Bates Rd, Montreal PQ	RE1-2749
England	Precision Rubbers Ltd	Bagworth, Leicester	BA241
New Zealand	Naill Copper & Co Ltd	Pukemiro Chambers, Anzac Ave, Auckland	34-550
	CONNECTOR CORP	**6025 N. Keystone, Chicago, Ill**	**KE9-3198**
	345-1315		
	CONNECTOR SEALS CORP	**P. O. 4116, Pasadena, Cal**	**MU1-3421**
	D Allen #3 *25 C 345		
Ala	Patrick Perrott & Assoc	PO Box 6967, Orlando, Fla	MI4-0065
Ark	Jack Agan	2035 S Maple Ave. Carthage, Miss	FL8-3717
Cal	Eichorn & Melchior	749 Bryant, San Francisco,	
DC	Joe Spadafora	613 Cheltenham Ave. Phila 26, Pa	WA7-6269
Fla	Patrick Perrott & Assoc	PO Box 6967, Orlando	MI4-0065
Idah	Ray Johnston Co	1011 E 69th St. Seattle, Wash	LA4-5170
Ill	Leroy W Beier Co	6518 W North Ave. Chicago 35	BE7-2420
Ind	Scott & Steffen	915 Pennsylvania Ave, Indianapolis,	ME5-1951
Kan	Jack Agan	2035 S Maple Ave. Carthage, Mo	FL8-3717
Md	Joe Spadafora	613 Cheltenham Ave. Phila 26, Pa	WA7-6269
Mass	Fred Armstrup	Hudson Rd. Sudbury	HI3-2991
Mich	Leroy W Beier Co	6518 W North Ave. Chicago 35, Ill	BE7-2420
Minn	George Sturman	413 S 5th St. Mpls 1	FE8-1377
Mo	Jack Agan	2035 S Maple Ave. Carthage	FL8-3717
Mont	Ray Johnston Co	1011 E 69th St. Seattle, Wash	LA4-5170
NJ	Joe Spadafora	613 Cheltenham Ave. Phila 26, Pa	WA7-6269
NJ	Harold Martin Inc	165 Palisades, Cresskill, NJ	LO7-4836
NY	Harold Martin Inc	165 Palisades, Cresskill, NJ	LO7-4836
NC	Harry Altman	PO Box 8031, Charlotte	EX9-8326
ND	George Sturman	413 S 5th St. Mpls 1, Minn	FE8-1377
Ohio	Scott & Steffen	1836 Euclid Ave, Cleveland	TO1-2626
Okla	Jack Agan	2035 S Maple Ave. Carthage, Mo	FL8-3717
Okla	Cotton Daniels Co	P.O. Box 8211, Tulsa, Okla	WE6-7447
Ore	Ray Johnson Co	1011 E. 69th St, Seattle, Wash	LA4-5170
Pa	Joe Spadafora	613 Cheltenham Ave. Phila 26	WA7-6269
Pa	Scott & Steffen	507 Liberty St, Pittsburgh,	
SD	George Sturman	413 S 5th St. Mpls 1, Minn	FE8-1377
Va	Joe Spadafora	613 Cheltenham Ave. Phila 26, Pa	WA7-6269
Wash	Ray Johnson Co	1011 E. 69th St, Seattle,	LA4-5170
Wis	Leroy W Beier Co	6518 W North Ave. Chicago 35, Ill	BE7-2420
	CONNOLLY & CO	**PO Box 295, Menlo Park, Cal**	**DA3-1930**
	B 220-340-1800		
Ala	Floyd Fassett & Co	777 Pinehurst Terr SW, Atlanta, Ga	PL3-3104
Ariz	J S Trier & Associates	208 Standard St, El Segundo, Cal	EA2-1547
Cal	J S Trier & Associates	208 Standard St, El Segundo, Cal	EA2-1547
Colo	Longstreet-Smith Assoc, Inc	1013 15th St. Denver	KE4-5091
DC	David K Jones Co	31 E 21st St. Baltimore, Md	HO7-3766
Fla	Mark Electronic Sales Co	P.O. Box 291, N. Miami 61, Fla	WI7-5088
Ga	Floyd Fassett & Co	777 Pinehurst Terr. SW, Atlanta	PL3-3104
Ill	Ridley Assoc	1551 N Austin Blvd. Chicago	TU9-2940
Ind	Midwest Sales Co	3219 W 117th St. Cleveland, Ohio	WI1-2700
Iowa	Ridley Assoc	3424 E Lake St. Mpls, Minn	PA1-5225

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ky	Midwest Sales Co	3219 W 117th St. Cleveland, Ohio	WI1-2700
La	Packard Assoc	Love Field Terminal Bldg. Dallas, Tex	FL7-5713
Md	David K Jones Co	31 E 21st St. Baltimore	HO7-3766
Mich	Midwest Sales Co	3219 W 117th St. Cleveland, Ohio	WI1-2700
Minn	Ridley Assoc	3424 E Lake St. Mnpls	PA1-5225
Miss	Floyd Fausett & Co	777 Pinehurst Terr, SW, Atlanta, Ga	PL3-3104
Nev	J S Trist & Associates	208 Standard St, El Segundo, Cal	EA2-5547
NJ	J Alan Biggs & Co, Inc	Bucks Cty, Gardenville, Pa	AX7-3171
NJ	John DiBlasi Assoc, Inc	90 Main St, Port Washington, NY	PO7-0470
NM	Longstreet-Smith Assoc, Inc	2708 Carol NE, Albuquerque	AX9-8013
NY	John DiBlasi Assoc, Inc	90 Main St, Port Washington	PO7-0470
NY	Robert W Jackson Co	4446 Main St. Buffalo	C12094
NC	Floyd Fausett & Co	PO Box 4657, Winston Salem	724-0542
Ohio	Midwest Sales Co	3219 W 117th St. Cleveland	WI1-2700
Okla	Packard Assoc	Love Field Terminal Bldg. Dallas, Tex	FL7-5713
Ore	N R Schultz Co	4227 Airport Way, Seattle, Wash	MA4-8650
Pa	J Alan Biggs & Co, Inc	Bucks Cty, Gardenville	AX7-3171
SC	Floyd Fausett & Co	Stony Point, Greenwood	GL1-7637
Tex	Packard Assoc	Love Field Terminal Bldg. Dallas	FL7-5713
Utah	Longstreet-Smith Assoc, Inc	1013 15th St. Denver, Colo	KE4-5091
Va	Floyd Fausett & Co	PO Box 4657, Winston-Salem, NC	724-0542
Wash	N R Schultz Co	4227 Airport Way, Seattle	MA4-8650
W Va	Midwest Sales Co	3219 W 117th St. Cleveland 11, Ohio	WI1-2700
Wis	Ridley Assoc	1551 N Austin Blvd. Chicago, Ill	TU9-2940
Wyo	Longstreet-Smith Assoc, Inc	1013 15th St, Denver, Colo	KE4-5091
Foreign	Benz Sales Co	P.O. Box 178, N. Miami Beach 62, Fla	FR4-1391

CONRAC DIV .... Glendora, Cal ED5-0541
W Moreland #6 *110 E 895-1425

CONRAD CARSON ELECTRONICS INC .... 1347 Broadway, El Cajon, Cal HI2-6691
S Lima #2 *14 A 220-360-880-895-1420-1475-1855

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	Paul Marches Co	2396 E. Foothill Blvd. Pasadena	MU1-8957
Cal	Hamilton Electro Sales	882 Emerson St. Palo Alto	DA1-7541
Conn	Abbott-Allison Co	Box 467, Meriden	BE7-9232
Tex	Kemp Eng. Co	Box 13251, Dallas 20	FL7-6663
Can	Electrodesign Ltd	9124 St. Lawrence Blvd. Montreal 11, Que	DU9-5914

CONRAD INC .... 141 Jefferson St, Holland, Mich EX2-3161
C Conrad #20 *100 E 250

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	E A Wright	3940 E. Colorado Blvd, Pasadena, Cal	MU1-8181
Colo	Parrish Electronics	1904 S. St. Paul, Denver 10, Colo	SH6-9456
DC	M D Armstrong	Washington	DI7-2696
Fla	W Ben Kimberly	532 S. Ft. Harrison Ave, Clearwater, Fla	3-7072
Ill	William O [illegible]	5111 W. Diversey St, Chicago 39, Ill	ME7-3083
Mo	Warren Hull	828 Thornberry, St Louis 22	TA2-2241
NY	Ralph M Alden	21 Park Pl, New York, NY	BA7-7583
Ohio	M D Armstrong	PO Box 294, Toledo	CH4-0268
Tex	Wright Ind Prods	5738 N Central Expwy, Dallas	TA4-2571
Wash	Refrigeration Engineering	1718 Broadway, Seattle 22, Wash	EA3-4940
Can	Donald F Beschey	3212 Weston Rd. Weston, Ont	CH4-1851

CONSOLIDATED AIRBORNE SYSTEMS, INC .... 900 3rd Ave. New Hyde Park, NY HU8-1606
F Mcbride #12 *85 E 35-338-895-1340

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Craft Assoc	PO Box 11716, Atlanta, Ga	CE3-9944
Ariz	Peter Cregut	8905 N 17th Ave. Phoenix	AM6-2714
Cal	George Ledbetter Assoc	16618 Ventura Blvd. Encino	ST9-8115
Colo	Peter Cregut	8905 N 17th Ave. Phoenix, Ariz	AM6-2714
Conn	American Avitron	514 Halstead Ave. Mamaroneck, NY	OW8-9210
Del	Norman Freeman	PO Box 127, Shrewsbury, NJ	RU1-1315
DC	Norman Freeman	PO Box 127, Shrewsbury, NJ	RU1-1315
Fla	Ludlum Assoc	PO Box 48-1337, Miami	TU5-3611
Ga	Allen Craft Assoc	PO Box 11716, Atlanta	CE3-9944
Kan	Zak & Assoc	7730 Carondelet. St Louis, Mo	PA7-8559
Md	Norman Freeman	PO Box 127, Shrewsbury, NJ	RU1-1315
Mo	Zak & Assoc	7730 Carondelet, St Louis	PA7-8559
Ohio	Charles P Haskell	PO 624 Far Hills Branch, Dayton	AX8-3331
Okla	Zak & Assoc	7730 Carondelet, St Louis, Mo	PA7-8559
Ore	Geo Ledbetter Assoc	16618 Ventura Blvd. Encino, Cal	ST9-8115
Tenn	Craft Assoc	PO Box 11716, Atlanta, Ga	CE3-9944
Tex	Zak Assoc	7730 Carondelet, St Louis, Mo	PA7-8559
Utah	Peter Cregut	8905 N 17th Ave. Phoenix, Ariz	AM6-2714
Wash	George Ledbetter Assoc	16618 Ventura Blvd. Encino, Cal	ST9-8115
For	American Avitron, Inc	514 Halstead Ave. Mamaroneck, NY	OW8-9210

CONSOLIDATED AVIONICS CORP .... 800 Shames Dr, Westbury, NY ED4-8400
C Pilnick #22 *120 E 338-430-440-450-895-915-1150-1340-1455

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Mesco, Inc	2617 Jewel Rd. Largo, Fla	JU4-1171
Ariz	Roland Olander & Co	6313 Santa Monica Blvd, Los Angeles, Cal	HO9-6313
Ark	J Y Schoonmaker Co	5320 Redfield Ave. Dallas 35, Tex	LA6-7238
Cal	Electronic Engineering Associates	1275 Laurel St, San Carlos, Cal	LY3-2189
Cal	Roland Olander & Co	6313 Santa Monica Blvd, L A 38, Cal	HO9-6313
Colo	Landes Zachary & Peterson	601 S. Jason St, Denver 23, Colo	SH4-1311
Conn	Eltron Engineering Sales Inc	2345 Whitney Ave, Hamden, Conn	AT8-9276
Del	Billis Sales Co	50 Ballad Ln, Levittown, NJ	TR7-3417
DC	Sid Dubinsky	3213 Woodhollow Dr, Chevy Chase, Md	OL6-9437
Fla	Mesco	2617 Jewel Rd. Largo	JU4-1171
Idah	Landes, Zachary & Peterson Co	601 S Jason St, Denver, Colo	SH4-1311
Ill	W J Mauer	2000 Harrison St. Evanston	GR5-3883
Ill	Penzner Sales Co	8300 W 92 St. Overland Park, Kan	NI8-4355
Ind	W J Mauer	2000 Harrison St. Evanston, Ill	GR5-3883
Ind	Sheridan Assoc, Inc	Roselawn Center Bldg. Cinc 37, Ohio	ME1-2460
Iowa	W J Mauer	2000 Harrison St. Evanston, Ill	GR5-3883
Kan	Penzner Sales Co	8300 W. 92nd St, Overland Park, Kan	
Ky	Sheridan Assoc, Inc	Roselawn Center Bldg. Cinc 37, Ohio	ME1-2460
La	J Y Schoonmaker Co	5320 Redfield Ave, Dallas 35, Tex	LA6-7238
Me	Eltron Engineering Co	246 Walnut St, Newtonville, Mass	DE2-6975
Md	Sidney Dubinsky	3213 Woodhollow Dr. Chevy Chase 15	OL6-9437
Mass	Eltron Engineering Sales Inc	246 Walnut St, Newtonville, Mass	DE2-6975
Mich	Sheridan Assoc, Inc	Roselawn Center Bldg. Cinc 37, Ohio	ME1-2460
Miss	Mesco	2617 Jewel Rd. Largo, Fla	JU4-1171
Mo	Penzner Sales Co	8300 W 92nd St, Overland Park, Kan	
Mont	Landes Zachary & Peterson	601 S. Jason, Denver 23, Colo	SH4-1311
Neb	Penzner Sales Co	8300 W. 92nd St, Overland Park, Kan	
Nev	Roland Olander & Co	6313 Santa Monica Blvd, L A, Cal	HO9-6313
NH	Eltron Engineering Sales Inc	246 Walnut St, Newtonville, Mass	DE2-6975
NJ	Billis Sales Co	50 Ballad Ln. Levittown	TR7-3417
NJ	F & F Associates	15 Dorchester Rd, Emerson, NJ	MI7-6477
NM	Aztec Enterprises	525 San Pedro NE, Albuquerque	AM8-6421
NY	F & F Associates	297 Cherry Pl, E. Meadow, NY	MI7-6477
NY	Tesco Associates	114 Wells Ave, Syracuse 10, NY	HO3-4533
NC	Mesco	2617 Jewel Rd. Largo, Fla	JU4-1171
Ohio	Sheridan Assoc, Inc	Roselawn Center Bldg. Cinc 37	ME1-2460
Okla	J Y Schoonmaker Co	5320 Redfield Ave, Dallas 35, Tex	LA6-7238
Pa	Sheridan Assoc, Inc	Roselawn Center Bldg. Cinc 37, Ohio	ME1-2460
Pa	Billis Sales Co	50 Ballad Ln. Levittown, NJ	TR7-3417
SC	Mesco	2617 Jewel Rd. Largo, Fla	JU4-1171
Tenn	Mesco	2617 Jewel Rd. Largo, Fla	JU4-1171
Tex	J Y Schoonmaker Co	5320 Redfield Ave, Dallas 35, Tex	LA6-7238
Utah	Landes, Zachary & Peterson	601 S. Jason St, Denver 23, Colo	SH4-1311
Vt	Eltron Engineering Sales Inc	246 Walnut St, Newtonville, Mass	DE2-6975
Va	Sidney Dubinsky	3213 Woodhollow Dr. Chevy Chase 15, Md	OL6-9437
Wis	W J Mauer	2000 Harrison St. Evanston, Ill	GR5-3883
Wyo	Landes Zachary & Peterson	601 S. Jason St, Denver 23, Colo	SH4-1311

CONSOLIDATED CONTROLS CORP .... 6 Durant Ave, Bethel, Conn PI3-6721
C Cole #50 *250 E 20-338-360-365-390-895-1075-1735-1850-1920

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ariz	Terrazas Pres & Moore	P.O. Box 5105, Tucson, Ariz	3-8072
Cal	Bellhove Co	420 Market St, San Francisco, Cal	YU2-3713
Cal	King Eng Co	5321½ Hollywood Blvd. LA	HO4-7166
Colo	Guy Teter	PO Box 175, Sedalia	MA8-3450
Conn	Northeast Eng, Inc	3013 Dixwell Ave. Hamden	CH8-4481
Conn	Northeast Sales Engrg Co	3013 Dixwell Ave, Hamden, Conn	CH8-4481
Fla	Specialized Eqpt Corp	PO Box 323, Cocoa Beach	SU3-3328
Ill	Lightner Associates	6322 N. Milwaukee Ave, Chicago, Ill	SP4-1500
Kan	Associated Air Services	P.O. Box 3828, Wichita, Kan	AM7-3930
Mass	Northeast Sales Engrg Co	5 Elm St, Danvers, Mass	SP4-3110
Mich	J L Montgomery Co	PO Box 95, Birmingham	MI6-6654
Mo	Anthony Eng Sales	600 N Washington St. Sparta, Ill	577W
NY	Reed-Tollefson Corp	2815 Monroe Ave. Rochester	GR3-2767
Ohio	Lowry-Dietrich Co	333 W. 1st St. Dayton, Ohio	BA3-6042
Ohio	Lowry Dietrich Co	316 Marion Bldg, Cleveland, Ohio	
Pa	Lowry-Dietrich Co	703 Clairton Blvd. Pittsburgh	WA1-2959
Pa	Argus Industries, Inc	PO Box 68, Warminster	OS5-4131
Tex	Associated Air Services	P.O. Box 13185, Dallas, Tex	FL2-2983
Utah	T R Van Wagoner Co	1415 S Main St. Salt Lake City	HU6-7251
Wash	Burt C Porter Co	1209 Poplar Pl, Seattle, Wash	EA3-8330
Can	Aviquipo of Can Ltd	1980 Sherbrooke St. W, Montreal, Que	WE7-9531

CONDOLIDATED CONTROLS CORP. .... 2622 San Mateo, NE, Albuquerque, NM AM8-2431
P Church #3 *26 338-895-1850

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Specialized Equipment Corp	Box 323, Cocoa Beach, Fla	SU3-3328
Cal	Seeger Engineering Sales	1955 Denison St. Pomona	NA9-4990
Cal	Bellhove Co	420 Market St. San Francisco	YU2-3713
Colo	Guy Teter	Box 175, Sedalia	MA8-3450
Conn	Northeast Engineering, Inc	3013 Dixwell Ave. Hamden	CH8-4481
Del	Argus Industries, Inc	Box 68, Warminster, Pa	OS5-4131
DC	Argus Industries, Inc	Box 68, Warminster, Pa	OS5-4131
Fla	Specialized Equipment Corp	Box 323, Cocoa Beach	SU3-3328
Ga	Specialized Equipment Corp	Box 323, Cocoa Beach, Fla	SU3-3328
Idah	Burt Porter Co	1209 Poplar Pl. Seattle 44, Wash	EA3-8330
Ill	Berndt and Klein Assoc	2941 W Touhy Ave. Chicago 45	BR4-0600
Ind	Berndt and Klein Assoc	2941 W Touhy Ave. Chicago 45, Ill	BR4-0600
Kan	Associated Air Services	Box 3828, Wichita	AM7-3930
Ky	Lowry Dietrich Co	439 Deerfield Rd. Columbus, Ohio	TR8-6138
Me	Northeast Engineering, Inc	3013 Dixwell Ave. Hamden, Conn	CH8-4481
Md	Argus Industries, Inc	Box 68, Warminster, Pa	OS5-4131
Mass	Northeast Engineering, Inc	5 Elm St, Danvers	SP4-3110
Mich	Berndt and Klein Assoc	2941 W Touhy Ave. Chicago 45, Ill	BR4-0600
Miss	Specialized Equipment Corp	Box 323, Cocoa Beach, Fla	SU3-3328
Mo	Ray Anthony	600 N Washington St. Sparta, Ill	733
Mont	Burt Porter Co	1209 Poplar Pl. Seattle 44, Wash	EA3-8330
Nev	Seeger Engineering Sales	1955 Denison St. Pomona, Cal	NA9-4990
NH	Northeast Engineering, Inc	3013 Dixwell Ave. Hamden, Conn	CH8-4481
NJ	Argus Industries, Inc	Box 68, Warminster, Pa	OS5-4131
NM	Aztec Enterprises	525 San Pedro, NE, Albuquerque	AM8-6421
NY	Components for Industry	23 Sedgemoor Ct. Buffalo	NF3-8900
NY	Components for Industry	110 Woodmancy Ln. Fayetteville, NY	NE7-9621
NY	Northeast Engineering, Inc	3013 Dixwell Ave. Hamden, Conn	CH8-4481
Ohio	Lowry Dietrich Co	703 Clairton Blvd, Pittsburgh, Pa	TU1-2228
Ohio	Lowry Dietrich Co	316 Marion Bldg, Cleveland 13	SU1-1855
Okla	Associated Air Services	Box 3828, Wichita, Kan	AM7-3930
Ore	Burt Porter Co	1209 Poplar Pl. Seattle 44, Wash	EA3-8330
Pa	Argus Industries, Inc	Box 68, Warminster, Pa	OS5-4131
Pa	Lowry Dietrich Co	703 Clairton Blvd. Pittsburgh	TU1-2228
RI	Northeast Engineering, Inc	3013 Dixwell Ave. Hamden, Conn	CH8-4481
SC	Specialized Equipment Corp	Box 323, Cocoa Beach, Fla	SU3-3328
Tenn	Specialized Equipment Corp	Box 323, Cocoa Beach, Fla	SU3-3328
Tex	Associated Air Services	Box 13185, Dallas	FL2-2983
Utah	Landes, Zachary & Peterson Co	2501 S State St. Salt Lake City	HU7-7873
Vt	Northeast Engineering, Inc	3013 Dixwell Ave. Hamden, Conn	CH8-4481
Va	Argus Industries, Inc	Box 68, Warminster, Pa	OS5-4131
Wash	Burt Porter Co	1209 Poplar Pl. Seattle 44	EA3-8330
W Va	Lowry Dietrich Co	703 Clairton Blvd. Pittsburgh, Pa	TU1-2228
Wis	Berndt and Klein Assoc	2941 W Touhy Ave. Chicago 45, Ill	BR4-0600
Wyo	Landes, Zachary & Peterson Co	2501 S State St. Salt Lake City, Utah	HU7-7873
Can	Aviquipo of Canada, Ltd	1980 Sherbrooke St. W, Montreal, Que	WE7-9531

CONSOLIDATED DIESEL ELECTRIC CORP .... 880 Canal St, Stamford, Conn DA5-2261
F Caserta #165 *1400 G 255-365-915-1160

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	Consolidated Diesel Electric Corp	15559 Lanark St, Van Nuys, Cal	ST2-4000
DC	Consolidated Diesel Electric Corp	1000 Connecticut Ave, N.W., Wash	RE7-6115
Mo	Hugh Weiner	Drawer 4810, Plaza Sta, St. Louis 1, Mo	MI7-1111
Ohio	Consolidated Diesel Electric Corp	3212 Brookline Dr, Xenia, Ohio	CH4-1252

CONSOLIDATED ELECTRODYNAMICS CORP. .... 360 N Sierra Madre Villa, Pasadena, Cal MU1-8421
K Noel *3200 G 388-345-360-735-895-900-1075-1340-1375-1435-1850

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	Consolidated Electrodynamics Corp	1095 E. Green St, Pasadena, Cal	SY5-4371
Cal	Consolidated Electrodynamics Corp	16053 Ventura Blvd, Encino, Cal	TR3-4478
Cal	Consolidated Electrodynamics Corp	900 N. San Antonio Rd, Los Altos, Cal	WH8-8294
Cal	Consolidated Electrodynamics Corp	3766 Rosecrans St, San Diego, Cal	AC3-8126
Colo	CEC	2120 S Birch St. Denver 22	SK6-9453
Fla	CEC	2020 W Fairbanks Ave, Winter Park	MI7-0011
Ga	Consolidated Electrodynamics Corp	3212 Peachtree Rd, N. E., Atlanta 5, Ga	CE3-4467
Ill	Consolidated Electrodynamics Corp	2540 W. Peterson Ave, Chicago 45, Ill	RO1-4705
Mass	CEC	13 Mercer Rd, Natick	OL5-1800
Mo	Consolidated Electrodynamics Corp	1401 Brentwood Blvd, St. Louis 17, Mo	WO2-3542
NJ	Consolidated Electrodynamics Corp	541 Boulevard, Hasbrouck Heights, NJ	AT8-2055
NM	CEC	525 San Pedro Blvd. Albuquerque	AL5-8671
Ohio	Consolidated Electrodynamics Corp	3770 N High St, Columbus 14, Ohio	AM7-7658
Ohio	Consolidated Electrodynamics Corp	505 E. Schantz, Dayton 9, Ohio	AX3-4224
Pa	Consolidated Electrodynamics Corp	111 N. 49th St, Philadelphia 4, Pa	EV2-1579
Tex	CEC	7900 Carpenter Freeway, Dallas	FL1-9897
Utah	CEC	1941 S 11th St. Salt Lake City	HU6-8145
Va	CEC	164-23rd St. S, Arlington 2	OT4-5065
Wash	Consolidated Electrodynamics Corp	800-108th Ave, N.E., Bellevue, Wash	GL4-9370

CONSOLIDATED MOLDED PRODUCTS CORP .... Scranton 2, Pa
1285

● **CONSOLIDATED REACTIVE METALS, INC** .... 116 Hoyt Ave, Mamaroneck, NY OW2-300
R Howes #2 *25 F 1125-1635-1960

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ariz	M W Riedel & Co	136 E Valley Blvd, Alhambra, Cal	CU3-7684
Cal	M W Riedel & Co	136 E Valley Blvd, Alhambra, Cal	CU3-7684
Conn	J M Lancaster Co	65 Concord St, Framingham, Mass	TR3-8893
Me	J M Lancaster Co	65 Concord St, Framingham, Mass	TR3-8893
Mass	J M Lancaster Co	65 Concord St, Framingham, Mass	TR3-8893
NH	J M Lancaster Co	65 Concord St, Framingham, Mass	TR3-8893
NJ	S A M Associates	150-08 87th Ave, Jamaica 32, NY	OL8-8881
NY	S A M Associates	150-08 87th Ave, Jamaica 32, NY	OL8-8881
RI	J M Lancaster Co	65 Concord St, Framingham, Mass	TR3-8893

CONSOLIDATED RESISTANCE CO. OF AMERICA INC .... 44 Prospect St. Yonkers, NY YO3-5900
515-895-1475

CONSOLIDATED RESISTANCE SPECIALTIES INC .... 46 Prospect St. Yonkers, NY YO3-5900
1475

CONSOLIDATED WIRE & ASSOC COS .... 1635 S. Clinton St, Chicago 16, Ill HA1-4441
J Mann #2 *30 E 45-185-190-375-1575-1960

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Morris F Taylor Co	2196 Connally Dr, East Point, Ga	PO1-5151
Ariz	Shefler-Kahn Co	P.O. Box 1017, Phoenix, Ariz	AL8-7888
Ark	John B Guenther Co	4511 N. Central Expwy, Dallas, Tex	LA6-6296
Cal	Sig Cohn	925 E. Mansfield Ave, L A 38, Cal	WE3-5517
Cal	Sinai-Johnson Inc	845 Jessie St, San Francisco, Cal	UN1-6259
Colo	Connors Inc	5403 E Evans Ave. Denver	SK6-9417
Conn	Near Inc	99 Highland Ave, Somerville, Mass	PR6-2262
Del	Herman Lewis Co	1622 58th Ave, Philadelphia 26, Pa	LI8-8417
DC	Herman Lewis Co	1622 58th Ave, Philadelphia 26, Pa	LI8-8417
Fla	Morris F Taylor Co	4354 Corona St, Tampa 9, Fla	62-4071
Ga	Morris F Taylor Co	2196 Connally Dr, East Point, Ga	PO1-5151
Idah	Connors Inc	5403 E Evans Ave, Denver, Colo	SK6-9417
Ill	Markal Sales Corp	2739 Peterson Ave. Chicago	LO1-7290
Ind	Markal Sales Corp	2739 Peterson Ave. Chicago, Ill	LO1-7290
Iowa	Theodore B Lowell	PO Box 26, St Louis 41, Mo	MI7-1111
Kan	Theodore B Lowell	PO Box 26, St Louis 41, Mo	MI7-1111
Ky	Markal Sales Corp	2739 Peterson Ave. Chicago, Ill	LO1-7290
La	John B Guenther Co	4511 N. Central Expwy, Dallas, Tex	LA6-6296
Me	Near Inc	99 Highland Ave, Somerville, Mass	PR6-2262
Md	Herman Lewis Co	1622 58th Ave, Philadelphia 26, Pa	LI8-8417
Mass	Near Inc	99 Highland Ave, Somerville, Mass	PR6-2262
Mich	Markal Sales Corp	2739 Peterson Ave. Chicago, Ill	LO1-7290
Mo	Theodore B Lowell	PO Box 26, St Louis 41	MI7-1111
Mont	Connors Inc	5403 E Evans Ave. Denver, Colo	SK6-9417
Neb	Theodore B Lowell	PO Box 26, St Louis 41, Mo	MI7-1111
Nev	Connors Inc	5403 E Evans Ave. Denver, Colo	SK6-9417
NH	Near Inc	99 Highland Ave, Somerville, Mass	PR6-2262
NJ	Herman Lewis Co	1622 58th Ave, Philadelphia 26, Pa	LI8-8417
NM	Connors Inc	5403 E Evans Ave, Denver, Colo	SK6-9417
NY	Jerry Kirshbaum & Co	1514 Peninsula Blvd, Hewlett, NY	FR4-1111
NC	Morris F Taylor Co	1224 Dresden Dr, W., Charlotte 5, NC	KE7-4071
Ohio	J W Leitner Co	367 Bryden Rd, Columbus 2, Ohio	AM1-6950
Okla	John B Guenther Co	4511 N. Central Expwy, Dallas, Tex	LA6-6296
Pa	Herman Lewis Co	1622 58th Ave, Philadelphia 26, Pa	LI8-8417
Pa	J W Leitner Co	367 Bryden Rd, Columbus 2, Ohio	AM1-5250
RI	Near Inc	99 Highland Ave, Somerville, Mass	PR6-2262
SC	Morris F Taylor Co	1224 Dresden Dr, W., Charlotte, NC	KE7-4071
Tenn	Morris F Taylor Co	2196 Connally Dr, East Point, Ga	PO1-5151
Tex	John B Guenther Co	4511 N. Central Expwy, Dallas, Tex	LA6-6296
Utah	Connors Inc	5403 E Evans Ave. Denver, Colo	SK6-9417
Vt	Near Inc	99 Highland Ave, Somerville, Mass	PR6-2262
Va	Herman Lewis Co	1622 58th Ave, Philadelphia 26, Pa	LI8-8417
W. Va	J W Leitner Co	367 Bryden Rd, Columbus 2, Ohio	AM1-6950
Wis	Markal Sales Corp	2739 Peterson Ave. Chicago, Ill	LO1-7290
Wyo	Connors Inc	5403 E Evans Ave. Denver, Colo	SK6-9417
Canada	Atlas Radio Corp Ltd	50 Wingold Ave, Toronto, Ontario, Can	RU1-6174

CONTACT INC .... Box 6, Hudson NH TU3-7706
1670-1825

● **CONTINENTAL CONNECTOR CORP** .... 34-63 56th St, Woodside 77, NY TW9-4422
#10 *500 F 345

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Roy Attaway Co	2315 Bob Wallace Ave. SW, Huntsville	534-2811
Ariz	Fred Schaeffer Associates	5622 S. Wilshire Dr, Tucson, Ariz	AX8-6173
Ark	Jacobsen Co, The	PO Box 9702, Dallas, Tex	FL1-3312
Cal	Logan & Stone Co	1466 Bayshore Blvd, SF	DE4-1200
Cal	DeJur-Amsco Corp	11650 W. Olympic Blvd, L A 64, Cal	BR2-0931
Colo	Applied Engineering Products Co	405 Felt Bldg, Salt Lake City 11, Utah	EM4-4542
Conn	DeJur-Amsco Corp	45-01 Northern Blvd, LIC 1, NY	RA1-8000
Fla	Roy Attaway Co	711 Magnolia Ave. Orlando	GA4-9983
Ga	Roy Attaway Co	2315 Bob Wallace Ave, SW, Huntsville, Ala	534-2811
Idaho	Applied Engineering Products Co	405 Felt Bldg, Salt Lake City 11, Utah	EM4-4542
Ill	DeJur-Amsco Corp	420 N Michigan Ave. Chicago 4	WH4-2363
Ind	DeJur-Amsco Corp	420 N Michigan Ave. Chicago 4, Ill	WH4-2363
Iowa	Engineering Services Co	1205 Oakland Gardens, Cedar Rapids	EM5-6131

TERR			TEL. NO.
Kan	Eng Services Co	4808 Eastwood Dr, Wichita	MU3-3751
Ky	DeJur-Amsco Corp	420 N Michigan Ave, Chicago 4, Ill	WH4-0363
La	Jacobson Co, The	PO Box 9702, Dallas, Tex	FL1-3362
Mass	DeJur-Amsco Corp	45-01 Northern Blvd, LIC 1, NY	RA1-8000
Mich	Burcaw-Cowan & Co	22129 Grand River Ave, Detroit, Mich	KE3-7700
Miss	Roy Altaway Co	2305 Bob Wallace Ave, SW, Huntsville, Ala	534-2811
Mo	Eng Services Co	6717 Vernon Ave, St Louis	PA6-2233
Mo	Eng Services Co	4550 Main St, Kansas City	JE1-7765
Neb	Eng Services Co	6717 Vernon Ave, St Louis, Mo	PA6-2233
New	Fred Schaeffer Assoc	5822 S Wilshire Dr, Tucson, Ariz	AX8-6173
NJ	DeJur-Amsco Corp	45-01 Northern Blvd, LIC 1, NY	RA1-8000
NM	Fred Schaeffer Associates	5822 S. Wilshire Dr, Tucson, Ariz	AX8-6173
NY	DeJur-Amsco Corp	45-01 Northern Blvd, LIC 1	RA1-8000
NY	Midstate Research Sales, Inc	327 Wellesley Rd, Syracuse	GR8-8314
NC	Bill Henry Associates	P.O. Box 6071, Charlotte 7, NC	FR5-8798
Ohio	DeJur-Amsco Corp	420 N Michigan Ave, Chicago 4, Ill	WH4-0363
Okla	Jacobson Co, The	PO Box 9702, Dallas, Tex	FL1-3362
Ore	Roy H Copley & Associates	205 Jones Bldg, Seattle 1, Wash	MU2-4567
Pa	Stan Auerbach	PO Box 307, Levittown	WI9-1195
SC	Bill Henry Associates	P.O. Box 6071, Charlotte 7, NC	FR5-8798
Tenn	Bill Henry Associates	P.O. Box 6071, Charlotte 7, NC	FR5-8798
Tex	Jacobson Co, The	PO Box 9702, Dallas	FL1-3362
Utah	Fred Schaeffer Associates	5822 S. Wilshire Dr, Tucson, Ariz	AX8-6173
Wash	Roy H Copley & Associates	205 Jones Bldg, Seattle 1, Wash	MU2-4567
Canada	Atlas Radio Co Ltd	50 Wingold Ave, Toronto, Canada	RU1-6174

CONTINENTAL DEVICE CORP .... 12515 Chadron Ave, Hawthorne, Cal OR8-4894
H Moon #50 *350 E 500-1445

TERR			TEL. NO.
Cal	Continental Device Corp	201 Town & Country Village, Palo Alto	DA1-4681
Ill	Continental Device Corp	670 N. Michigan Ave, Chicago, Ill	DE7-6138
Mass	Continental Device Corp	1144 Commonwealth Ave, Boston	BE3-4647
NJ	Continental Device Corp	386 Linden St, Moorestown, NJ	NO5-2870
NY	Continental Device Corp	15 Bond St, Great Neck	HU7-3013
NY	Continental Device Corp	317 State Tower Bldg, Syracuse	HA2-2997
Foreign	Henley & Co	202 E. 44th St, New York 17, NY	YU6-5544

CONTINENTAL-DIAMOND FIBRE CORP .... Newark 100, Del EN8-8531
H Meyer *2200 G 135-715-720-750-770-900-975-1190-1290-1295-1785-1875-1890-1940

TERR			TEL. NO.
Ala	CDF	1620 4th St, Birmingham, Ala	VE3-5713
Alaska	Continental-Diamond Fibre Corp	Export Dept, Bridgeport, Montgomery City, Pa	BR5-0800
Ariz	Steffen-Kahn Co	P.O. Box 1587, Phoenix, Ariz	AL8-7893
Ariz	CDF	1246 Hampton Ave, St Louis, Mo	MI6-2253
Cal	Continental-Diamond Fibre Corp	3050 E 11th St, Los Angeles 23, Cal	AN8-4115
Colo	J D Lloyd Supply Co	260 Denver Club Bldg, Denver 2, Colo	AC2-2236
Conn	CDF	119 Ann St, Hartford, Conn	CH7-1000
Del	Continental-Diamond Fibre Corp	Bridgeport, Montgomery County, Pa	BR5-0800
DC	Continental-Diamond Fibre Corp	2451 Ellis Rd, Baltimore 14, Md	NO5-2964
Idaho	Marwood Ltd	209 S. W. 1st Ave, Portland 4, Ore	CA3-5123
Ill	Continental-Diamond Fibre Corp	1515 N. Harlem Ave, Oak Park, Ill	EU3-5270
Ind	Continental-Diamond Fibre Corp	709 E. 38th St, Indianapolis 5, Ind	WA5-0900
Iowa	Continental-Diamond Fibre Corp	1515 N. Harlem Ave, Oak Park, Ill	EU3-5270
Ky	Continental-Diamond Fibre Corp	709 E. 38th St, Indianapolis, Ind	
Md	Continental-Diamond Fibre Corp	2451 Ellis Rd, Baltimore 14, Md	NO5-2964
Mass	Continental-Diamond Fibre Corp	1245 Hancock St, Quincy 69, Mass	GR2-2150
Mich	Continental-Diamond Fibre Corp	201 Officenter Bldg, Detroit 35, Mich	BR3-0447
Minn	Continental-Diamond Fibre Corp	630 Plymouth Bldg, Minneapolis 2, Minn	FE3-3388
Mo	Continental-Diamond Fibre Corp	1246 Hampton Ave, St. Louis 10, Mo	MI6-2253
Mont	Marwood Ltd	1714 1st Ave, S., Seattle 4, Wash	MA3-4747
Neb	E J Ford Co	316 N. 40th St, Omaha 31, Neb	RE9118
Nev	Marwood Ltd	357 9th St, San Francisco, Cal	HE1-7893
NH	Continental-Diamond Fibre Corp	1245 Hancock St, Quincy, Mass	GR2-2150
NJ	Continental-Diamond Fibre Corp	51 E. 42nd St, New York 17, NY	OX7-9617
NM	Continental-Diamond Fibre Corp	P.O. Box 1587, Phoenix, Ariz	AL8-7893
NY	Continental-Diamond Fibre Corp	51 E. 42nd St, New York 17, NY	OX7-9617
NC	Continental-Diamond Fibre Corp	2103 Mimosa Dr, Greensboro, NC	BR4-0225
ND	O J Lermann	630 Plymouth Bldg, Minneapolis, Minn	FE3-3388
Ohio	Continental-Diamond Fibre Corp	1821 Superior Bldg, Cleveland 14, Ohio	CH1-5220
Ore	Marwood Ltd	209 S.W. 1st Ave, Portland 4, Ore	CA3-5123
Pa	Continental-Diamond Fibre Corp	Bridgeport, Montgomery County, Pa	BR5-0800
RI	Continental-Diamond Fibre Corp	1245 Hancock St, Quincy 69, Mass	GR2-2150
SC	CDF	P.O. Box 294, Spartanburg, SC	582-5296
SD	O J Lermann	630 Plymouth Bldg, Minneapolis 2, Minn	FE3-3388
Tex	Summers Electric Co., Inc	1502 S. Good-Latimer Expwy, Dallas 10	HA8-1502
Utah	Marwood Ltd	357 9th St, San Francisco, Cal	HE1-7893
Vt	Continental-Diamond Fibre Corp	1245 Hancock St, Quincy 69, Mass	GR2-2150
Va	Continental-Diamond Fibre Corp	2103 Mimosa Dr, Greensboro, NC	BR4-0225
Wash	Marwood Ltd	1714 1st Ave, S., Seattle 4, Wash	MA3-4747
W Va	Dayton Office	35 N. Torrence St, Dayton 3, Ohio	CL3-3114
Wisc	Continental-Diamond Fibre Corp	6008 W. Lincoln Ave, Milwaukee 19	LI1-7680
Wyo	J D Lloyd Supply Co	260 Denver Club Bldg, Denver 2, Colo	AC2-2236
For	Continental-Diamond Fibre	Bridgeport, Montgomery County, Pa	BR5-0800

CONTINENTAL ELECTRIC CO., INC .... 334 Ferry St, Newark 5, NJ MI2-4050
A Peterson #20 *300 E 365-550-895-915-1160-1165

CONTINENTAL ELECTRONICS CORP 302 Oakland St. Brooklyn 22, NY EV3-3331
A Sylvane #4 *16 D 325-895-910-1135-1425-1460-1765

CONTINENTAL ELECTRONICS MFG. CO., SUB LING-TEMCO ELECTRONICS, INC.
4212 S Buckner Blvd. Dallas 27, Tex EV1-1135
T Moseley #101 *750 G 380-895-1045-1135-1145-1200-1340-1395-1735-1870

TERR			TEL. NO.
DC	Emerson & Prey	1511 K St, N.W., Washington, DC	EX3-3527

• **CONTINENTAL INSTRUMENTS CORP** 110 Atlantic Ave. Lynbrook, NY LY3-2266
M Weil #3 *7-10 C 1460-1810

CONTINENTAL MFG, INC .... 1612 California St. Omaha 2, Neb 342-2753
R McMartin #2 *30 895-1425

TERR			TEL. NO.
Ala	Ray M Unrath	4948 Hillandale, Dallas 16, Tex	FR6-8739
Ark	L R Massey Co	304 E. Jefferson St, Greenwood, Miss	GL3-7416
Cal	Jack Carter Assoc	336 S LaBrea Ave, LA	WE6-8201
Cal	Newman, Rudat & Ewing	915 Terminal Way, San Carlos	LY1-0309
Colo	Peyser & Co	1500 N. Weber St, Colorado Springs, Colo	ME4-3401
Conn	Keene Sales Co	6th Floor, 25 Tremont St, Boston 8, Mass	RI2-0466
DC	Hilker Co, The	P.O. Box 5211, Winston-Salem, NC	PA4-2084
Fla	KIM Intl Trade Assoc	4471 NW 36th, Miami Springs	TU5-3141
Ill	Key-Man Sales Inc	5500 N. Menard Ave, Chicago 30, Ill	SP4-1444

TERR			TEL. NO.
Ind	Beatz Sales Co	3514 Homer Dr, Indianapolis 19, Ind	UN2-4717
Ky	Beatz Sales Co	3514 Homer Dr, Indianapolis, Ind	UN2-4717
La	L R Massey Co	304 E. Jefferson St, Greenwood, Miss	GL3-7416
Me	Keene Sales Co	6th Floor, 25 Tremont St, Boston 8, Mass	RI2-0466
Mass	Keene Sales Co	6th Floor, 25 Tremont St, Boston 8, Mass	RI2-0466
Mich	Paul Wilson	15905 Turney Rd, Maple Heights 37, Ohio	MO2-3260
Miss	L R Massey Co	304 E. Jefferson St, Greenwood, Miss	GL3-7416
Mo	T H Ellis Sales Co., Inc	7711 State Line, Kansas City	HI4-4658
NH	Keene Sales Co	6th Floor, 25 Tremont St, Boston 8, Mass	RI2-0466
NY	Kaelber & Mack	1 Park Ave, Manhasset, NY	MA7-6630
NC	Hilker Co., The	P.O. Box 5211, Winston-Salem, NC	PA4-2084
Ohio	Paul Wilson	15905 Turney Rd, Maple Heights 37, Ohio	MO2-3260
Pa	Paul Wilson	15905 Turney Rd, Maple Heights 37, Ohio	MO2-3260
SC	Hilker Co., The	P.O. Box 5211, Winston-Salem, NC	PA4-2084
Tenn	L R Massey Co	304 E. Jefferson St, Greenwood, Miss	GL3-7416
Tex	Ray M Unrath	4948 Hillandale, Dallas 16	FR6-8739
Utah	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Va	Hilker Co., The	P.O. Box 5211, Winston-Salem, NC	PA4-2084
Wash	Samuel N Strum Co	621 Michigan St, Seattle 8	PA3-7310
Wyo	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Foreign	KIM International Trade Associates	4471 N.W. 36th, Miami Springs, Fla	TU5-3141

CONTINENTAL SCREW CO .... 459 Mt. Pleasant St, New Bedford, Mass WY3-2621
A Beacroft #8 *600 F 645-1120-1490-1535-1940

TERR			TEL. NO.
Ala	C R Eaves Co	Mc Callie Med Bldg, Chattanooga, Tenn	AM7-4759
Ariz	Belasco & Hull Corp	1119 E. 63rd St, Los Angeles, Cal	AD3-6284
Ark	S K Eaves	4515 Prentice St, Dallas, Tex	EM1-1640
Cal	Belasco & Hull Corp	1119 E. 63rd St, Los Angeles, Cal	AD3-6284
Colo	Ben T Clark	211-212 Mazee Market, Denver 4, Colo	MA3-2011
Conn	Ralph Johnson	R. F. D. 1, Hampton, Conn	GL5-9045
Del	Jos G Flynn	3857 Finlaw Ave, Pennsauken, NJ	NO2-8735
DC	Jos G Flynn	3857 Finlaw Ave, Pennsauken, NJ	NO2-8735
Fla	C R Eaves Co	Mc Callie Med Bldg, Chattanooga, Tenn	AM7-4759
Ga	C R Eaves Co	Mc Callie Med Bldg, Chattanooga, Tenn	AM7-4759
Idaho	Owen-Brink Co	1006 Lowman Bldg, Seattle, Wash	MA4-6153
Ill	Arthur G Arispe	51 S Lincoln Ave, Mundelein	KI5-0642
Ind	Chester Evans	218 N. Tuxedo Dr, South Bend, Ind	CE2-9677
Iowa	Arthur G Arispe	51 S Lincoln Ave, Mundelein, Ill	KI5-0642
Kan	C T McGrath	5754 Waterman Blvd, St. Louis, Mo	VO3-3674
Ky	C R Eaves Co	Mc Callie Med Bldg, Chattanooga, Tenn	AM7-4759
La	S K Eaves	4515 Prentice St, Dallas, Tex	EM1-1640
Me	Ralph Johnson	R. F. D. 1, Hampton, Conn	GL5-9045
Md	Jos G Flynn	3857 Finlaw Ave, Pennsauken, NJ	NO2-8735
Mass	Henry Purington	4 Costa St, N Dartmouth	WY3-5614
Mich	Continental Screw Co	10428 W McNichols Rd, Detroit	UN4-5391
Minn	Arthur G Arispe	51 S Lincoln Ave, Mundelein, Ill	KI5-0642
Miss	C R Eaves Co	Mc Callie Med Bldg, Chattanooga, Tenn	AM7-4759
Mo	C T McGrath	5754 Waterman Blvd, St. Louis, Mo	VO3-3674
Mont	Owen-Brink Co	1006 Lowman Bldg, Seattle, Wash	MA4-6153
Neb	C T McGrath	5754 Waterman Blvd, St. Louis, Mo	VO3-3674
NH	Ralph Johnson	R. F. D. 1, Hampton, Conn	GL5-9045
NJ	Raymond J Dever	P.O. Box 101, Park Ridge, NJ	PA6-3080
NM	Belasco & Hull Corp	1119 E. 63rd St, Los Angeles, Cal	AD3-6284
NY	Paul R Flemming	PO Box 191, Zone 1, Rochester	HO4-4A
NY	Raymond J Dever	P.O. Box 101, Park Ridge, NJ	PA6-3080
NY	Baldwin-McLean Inc	21 W. Putnam St, Greenwich, Conn	NO1-7500
NC	Wilson Sales Co	227 E. Commerce St, High Point, NC	4658
ND	Arthur G Arispe	51 S Lincoln Ave, Mundelein, Ill	KI5-0642
Ohio	Thomas McMillan	RR3, Box 336, Piqua, Ohio	PR3-7725
Okla	S K Eaves	4515 Prentice St, Dallas, Tex	EM1-1640
Ore	Owen-Brink Co	1006 Lowman Bldg, Seattle, Wash	MA4-6153
Pa	Jos G Flynn	3857 Finlaw Ave, Pennsauken, NJ	NO2-8735
RI	Henry Purington	4 Costa St, North Dartmouth, Mass	WY3-5614
SC	C R Eaves Co	Mc Callie Med Bldg, Chattanooga, Tenn	AM7-4759
SD	Arthur G Arispe	51 S Lincoln Ave, Mundelein, Ill	KI5-0642
Tenn	C R Eaves Co	Mc Callie Med Bldg, Chattanooga, Tenn	AM7-4759
Tex	S K Eaves	4515 Prentice St, Dallas, Tex	EM1-1640
Utah	Ben T Clark	211-212 Mazee Market, Denver 4, Colo	MA3-2011
Vt	Ralph Johnson	R. F. D. 1, Hampton, Conn	GL5-9045
Va	Wilson Sales Co	227 E. Commerce St, High Point, NC	4658
Wash	Owen-Brink Co	1006 Lowman Bldg, Seattle, Wash	MA4-6153
W.Va	C R Eaves Co	Mc Callie Med Bldg, Chattanooga, Tenn	AM7-4759
Wis	Arthur G Arispe	51 S Lincoln Ave, Mundelein, Ill	KI5-0642
Wyo	Ben T Clark	211-212 Mazee Market, Denver 4, Colo	MA3-2011

CONTINENTAL SENSING, INC .... 1950 N Ruby St. Melrose Park, Ill MU1-1950
B Davis #4 *38 D 190-240-265-900-905-1125-1795-1800-1960

TERR			TEL. NO.
Cal	Henry Birnbaum	626 Jefferson Ave, Redwood City	EM8-7757
Cal	Clement S Hill	601 Covina Blvd, San Dimas	CL7-4741
Conn	Andruss-Peskin Co	PO Box 394, Natick, Mass	OL3-3919
Del	Harold T Sorensen	425 Charles Ln, Wynnewood, Pa	MI2-7968
DC	Harold T Sorensen	425 Charles Ln, Wynnewood, Pa	MI2-7698
Fla	Gulf Instr Assoc	PO Box 72, Anna Maria	AN8-7412
Ga	Measure-Trol Co	PO Box 13944, Sta K, Atlanta 24	CE7-2531
Idah	A H Dustin	711 N Hayes Ave, Pocatello	CE3-4510
Me	Andruss-Peskin Co	PO Box 394, Natick, Mass	OL3-3919
Md	Harold T Sorensen	425 Charles Ln, Wynnewood, Pa	MI2-7968
Mass	Andruss-Peskin Co	PO Box 394, Natick	OL3-3919
Mich	Elliott-Sarles Co	29479 Concord Dr, Westlake, Ohio	ED1-8911
NH	Andruss-Peskin Co	PO Box 394, Natick, Mass	OL3-3919
NY	Andruss-Peskin Co	PO Box 394, Natick, Mass	OL3-3919
NC	Allie B Kruger, Jr	PO Box 1971, Roanoke, Va	DI2-1264
Ohio	Elliott-Sarles Co	29479 Concord Dr, Westlake	ED1-8911
Pa	Elliott-Sarles Co	29479 Concord Dr, Westlake	ED1-8911
Pa	Harold T Sorensen	425 Charles Ln, Wynnewood	MI2-7968
RI	Andruss-Peskin Co	PO Box 394, Natick, Mass	OL3-3919
SC	Allie B Kruger, Jr	PO Box 1971, Roanoke, Va	DI2-1264
Tenn	Measure-Trol Co	PO Box 13944, Sta K, Atlanta 24, Ga	CE7-2531
Tex	Esch & Assoc, Inc	108 Portwest Ave, Houston 11	WA8-3357
Vt	Andruss-Peskin Co	PO Box 394, Natick, Mass	OL3-3919
Va	H T Sorensen	425 Charles Ln, Wynnewood, Pa	MI2-7968
Wash	Martin J Prugh	PO Box 587, Bellevue	GL4-5648
W Va	Allie B Kruger, Jr	PO Box 1971, Roanoke, Va	DI2-1264

CONTINENTAL WIRE SALES CORP P.O. Box 366, Wallingford, Conn CO9-1421
E Horrigan #6 *130 E 1960

TERR			TEL. NO.
Ark	Jim Venable & Assoc	Box 2202, Little Rock	

TERR			TEL. NO.
Cal	Tri-State Supply Corp	544 S. San Pedro St, Los Angeles	
Cal	Tri-State Supply Corp	554 Bryant St, San Francisco	
Cal	Service Cable & Wire Inc	2051 Pontius Ave, Los Angeles	
Conn	Mills Talbot & Co	P.O. Box 4212, Hamden	
Del	L B Chapman Co	819 Vine St, Philadelphia, Pa	
DC	L B Chapman Co	819 Vine St, Philadelphia, Pa	
Fla	Bowen-Arnold Agency	4226 Cortez Way, S. St. Petersburg	
Fla	Bowen-Arnold Agency	395 SE. 14th Terrace, Miami	
Idaho	Pacific Electric Sales Co	140 S.E. 28th Ave, Portland, Ore	
Ill	Snyder Sales Co	4905 W. Madison St, Chicago, Ill	
Iowa	Roger C Saunders	715 Kenwood Pkwy, Minneapolis, Minn	
Kan	Wood & Anderson Co	2914 Washington Ave, St. Louis, Mo	
La	Dupont-Bondurant Inc	717 Jefferson Hwy, New Orleans	
Me	Frederic C Talbot	P.O. Box 366, Weston, Mass	
Md	L B Chapman Co	819 Vine St, Philadelphia, Pa	
Mass	Frederic C Talbot	P.O. Box 366, Weston, Mass	
Mich	Robert M Gardner Co	28540 Lyndon St, Detroit	
Minn	Roger C Saunders	715 Kenwood Pkwy, Minneapolis	
Mo	Wood & Anderson Co	2914 Washington Ave, St. Louis	
Mont	Pacific Electric Sales Co	140 S. E. 28th Ave, Portland, Ore	
Nev	Pacific Electric Sales Co	140 S. E. 28th Ave, Portland, Ore	
NH	Frederic C Talbot	P.O. Box 366, Weston, Mass	
NJ	Dana-Beach-Anderson Co., The	101 Park Ave, NY, NY	
NM	Ralph B Black	1025 Hermosa Dr, SE., Albuquerque	
NY	Dana-Beach-Anderson Co., The	101 Park Ave, NY	
NY	Mills Talbot & Co	1 Flint St, Rochester, NY	
Ohio	S E Wellar	3521 Harvard Blvd, Dayton, Ohio	
Ohio	R H Pierce	12417 Cedar Rd, Cleveland Hgts	
Okla	Brenner Electrical Sales	305 Velasco St, Houston, Tex	
Ore	Pacific Electric Sales Co	140 S. E. 28th Ave, Portland, Ore	
Pa	Barger & Martin Inc	345 Mt. Lebanon Blvd, Pittsbgh.	
Pa	L B Chapman Co	819 Vine St, Philadelphia, Pa	
RI	Frederic C Talbot	P.O. Box 366, Weston, Mass	
Tenn	C E Pitner	P.O. Box 881, Knoxville, Tenn	
Tex	Brenner Electrical Sales	305 Velasco St, Houston	
Vt	Frederic C Talbot	P.O. Box 366, Weston, Mass	
Va	L B Chapman Co	819 Vine St, Philadelphia, Pa	
Wash	Pacific Electric Sales Co	140 S. E. 28th Ave, Portland, Ore	
W Va	Barger & Martin Inc	345 Mt. Lebanon Blvd, Pittsbgh, Pa.	
Wisc	Fritz Meyer Co	515 Glenview Ave, Milwaukee, Wisc	
For	Nin Brothers	Box 437, San Juan, PR	

CONTINENTAL-WIRT ELECTRONICS CORP .... 5221 Greene St, Philadelphia 44, Pa GE8-9334
1475-1735

TERR			TEL. NO.
Ala	Paul Hayden Associates	Box 331, East Point, Ga	PO6-0261
Alaska	Roger M Minthorne Co	0673 S.W. Taylors Ferry Rd, Portland, Ore	CH6-4556
Ariz	Wes Alderson Co	3050 Overland Ave, Los Angeles 34, Cal	0-1030
Ark	M F Klicpera Co	P.O. Box 3113, Houston 1, Tex	JA8459
Cal	Harold L Newman Co	54 41st Ave, San Mateo, Cal	FI1-3433
Cal	Wes Alderson Co	3050 Overland Ave, Los Angeles, Cal	0-1030
Colo	Gordon Moss Electronics Co	P.O. Box 428, Greeley, Colo	EL3-1452
Conn	Richard E Powell	P.O. Box 797, Canaan, Conn	TA4-7215
Del	Hilliard Associates	1125 Old York Rd, Abington, Pa	TU4-6100
Del	Art Cerf & Co	744 Broad St, Newark 2, NJ	MI2-6734
DC	Hilliard Associates	1125 Old York Rd, Abington, Pa	TU4-6100
DC	Art Cerf & Co	744 Broad St, Newark 2, NJ	MI2-6734
Fla	Paul Hayden Associates	Box 331, East Point, Ga	PO6-0261
Ga	Paul Hayden Associates	Box 331, East Point, Ga	PO6-0261
Hawaii	Dougherty Enterprises	140 Kaimi St, Kailua, Hawaii	
Idaho	Roger M Minthorne Co	0673 S.W. Taylors Ferry Rd, Portland, Ore	CH6-4556
Ill	L A Chambers Co	5906 N. Avers Ave, Chicago 45, Ill	TU9-4984
Ill	Clemenson-Larrabee Co	436 E. 79th St, Kansas City 10, Mo	JA3-3005
Ind	Southern Sales Co	105 Lakeshore Dr, Angola, Ind	AN777
Iowa	Clemenson-Larrabee Co	436 E. 79th St, Kansas City 10, Mo	JA3-3005
Kan	Clemenson-Larrabee Co	436 E. 79th St, Kansas City 10, Mo	JA3-3005
Ky	Southern Sales Co	105 Lakeshore Dr, Angola, Ind	AN777
La	M F Klicpera Co	P.O. Box 3113, Houston 1, Tex	JA8459
Me	Glenn M Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0080
Md	Hilliard Associates	1125 Old York Rd, Abington, Pa	TU4-6100
Md	Art Cerf & Co	744 Broad St, Newark 2, NJ	MI2-6734
Md	A Wettemann Co	531 Buena Vista, Maple Shade, NJ	NO2-3805
Mass	Glenn M Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0080
Mich	Grant Shaffer & Co	14241 Fenkell Ave, Detroit 27, Mich	BR3-5395
Minn	Ray Ripley & Associates	7222 James Ave, S., Minneapolis 23	UN6-8682
Miss	M F Klicpera Co	P.O. Box 3113, Houston 1, Tex	JA8459
Mo	Clemenson-Larrabee Co	436 E. 79th St, Kansas City 10, Mo	JA3-3005
Mont	Gordon Moss Electronics Inc	P.O. Box 428, Greeley, Colo	EL3-1452
Mont	Roger M Minthorne Co	0673 S.W. Taylors Ferry Rd, Portland, Ore	CH6-4556
Neb	Clemenson-Larrabee Co	436 E. 79th St, Kansas City 10, Mo	JA3-3005
Neb	Gordon Moss Electronics Inc	P.O. Box 428, Greeley, Colo	EL3-1452
Nev	Harold L Newman	54 41st Ave, San Mateo, Cal	FI1-3433
Nev	Wes Alderson Co	3050 Overland Ave, Los Angeles 34, Cal	TE0-1030
NH	Glenn M Hathaway Co	238 Main St, Cambridge 42, Mass	KI7-0080
NJ	Samuel S Egert Co	97 Reade St, New York 13, NY	WO4-0996
NJ	F Edwin Schmitt Co	136 Liberty St, New York 6, NY	WO2-6550
NJ	A Wettemann Co	531 Buena Vista, Maple Shade, NJ	NO2-3805
NM	Gordon Moss Electronics Inc	P.O. Box 428, Greeley, Colo	EL3-1452
NY	Samuel S Egert	97 Reade St, New York 13, NY	WO4-0996
NY	F Edwin Schmitt Co	136 Liberty St, New York 6, NY	WO2-6550
NY	Franklin & Andrews Corp	2 Standish Ter, Syracuse 3, NY	GI6-1120
NY	Art Cerf & Co	744 Broad St, Newark 2, NJ	MI2-6734
NC	Paul Hayden Associates	P.O. Box 331, East Point, Ga	PO6-0261
ND	Ray Ripley & Associates	7222 James Ave, S., Minneapolis 23, Minn	UN6-8682
Ohio	The George L Herrick Co	15125 Lorain Ave, Cleveland 11, Ohio	WI1-4406
Okla	M F Klicpera Co	P.O. Box 3113, Houston 1, Tex	JA8459
Ore	Roger M Minthorne Co	0673 S.W. Taylor's Ferry Rd, Portland 19	CH6-4556
Pa	Hilliard Associates	1125 Old York Rd, Abington, Pa	TU4-6100
Pa	Art Cerf & Co	744 Broad St, Newark 2, NJ	MI2-6734
Pa	John O Olsen Co	16811 Shaker Blvd, Cleveland 20, Ohio	WY1-2624
RI	Glenn M Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0080
SC	Paul Hayden Associates	P.O. Box 331, East Point, Ga	PO6-0261
SD	Ray Ripley & Associates	7222 James Ave, S., Minneapolis 23, Minn	UN6-8682
Tenn	Paul Hayden Associates	P.O. Box 331, East Point, Ga	PO6-0261
Tenn	M F Klicpera Co	P.O. Box 3113, Houston 1, Tex	JA8459
Tex	M F Klicpera Co	P.O. Box 3113, Houston 1, Tex	JA8459
Utah	Gordon Moss Electronics Inc	P.O. Box 428, Greeley, Colo	EL3-1452
Vt	Glenn M Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0080

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Va	Art Craft & Co	744 Broad St, Newark 2, NJ	MI2-5734
Va	Paul Hayden Associates	P O Box 331, East Point, Ga	PO6-0281
Wash	Roger M Winthers Co	3673 S.W. Taylor's Ferry, Portland, Ore	CH6-4556
W. Va	John O Olsen Co	16201 Shaker Blvd, Cleveland 20, Ohio	WY1-2624
Wisc	L A Chambers Co	5906 W. North Ave, Chicago 39, Ill	TU9-4444
Wisc	Ray Rapley & Associates	7212 James Ave, S., Minneapolis 23, Minn	UN6-8602
Wyo	Gordon Moss Electronics Inc	P O Box 428, Greeley, Colo	EL3-1452
Foreign	Robert Agencies Inc	431-435 Greenwich St, New York 13, NY	DI9-2260
	CONTINENTAL X-RAY CORP	**1536 N. Clybourn, Chicago 10, Ill**	**MI2-3711**
	D Warden #3 *50 D 320-1340-1400-1855		
NY	Continental X-Ray Corp	68 Nassau St, New York, NY	
	CON-TORQ INC SUB of NORTH & JUDD MFG CO	**500 E. Main St, New Britain, Conn**	**BA3-3621**
	H Noble 1205		
	CONTROL CORP	**718 Central Ave. Minneapolis 14, Minn**	**FE5-7893**
	E Hood #30 *170 E 255-325-338-360-1425		
Ala	Shaw Hardy Co	846 Ingraham Bldg. Miami, Fla	FR4-8342
Ariz	Gorman Eng Co	PO Box 10065, Phoenix	CR4-1323
Cal	Garland Affolter Eng Corp	417 S Hill St. L A	MA4-1864
Cal	Garland Affolter Eng Corp	58 Sutter St. S F	EX7-1800
Colo	Slaybaugh-Thompson Co	100 W 13th Ave. Denver	AC2-5826
Del	Harold E Pearson	1033 N New St. Bethlehem, Pa	UN6-0043
DC	Tage Beck	4620 Charleston Terr. Wash 7	
Fla	Shaw Hardy Co	846 Ingraham Bldg. Miami	FR4-8342
Idah	Slaybaugh-Thompson Co	100 W 13th Ave. Denver, Colo	
Ill	Withers, Rupe & Cahill	5439 W Division St. Chicago	AU7-7292
Ind	Kevin M McRath	5715 Biddulph Rd. Cleve 9, Ohio	
Iowa	Conrad Bergh	524 W O W Bldg. Omaha, Neb	341-4232
Kan	Harris Hanson Co	7916 Paseo St. Kansas City 32, Mo	HI4-9494
La	Kantenberger Co., The	9711 Riddlewood Plaza, Houston, Tex	MO5-8343
Me	Dempsey-Gowen Co	PO Box 284, Needham, Mass	HI4-4618
Mass	Dempsey-Gowen Co	PO Box 284, Needham	HI4-4618
Mich	Lincoln Rielow	718 Central Ave. Mnpls, Minn	FE5-7893
Minn	Lincoln Rielow	718 Central Ave. Mnpls	FE5-7893
Mo	Harris Hanson Co	2814 S Brentwood Blvd. St Louis	MI7-4350
NM	Gorman Eng Co	PO Box 743, Albuquerque	7-1596
Ohio	Kevin M McRath	5715 Biddulph Rd. Cleveland	
Okla	Kantenberger Co., The	711 Revarchon Dr. Dallas, Tex	FE7-5363
Ore	Garland Affolter Eng Corp	1233 NW 12th Ave. Portland	CA3-7349
Pa	H E Pearson	1033 N New St. Bethlehem	UN6-0043
Tex	Kantenberger Co., The	711 Revarchon Dr. Dallas	FE7-5363
Wash	Garland Affolter Eng Corp	2603 Western Ave. Seattle	MU2-4950
	CONTROL DIV OF MAGNETICS INC	**Butler, Pa**	**BU7-3787**
	R Olmsted #40 *370 F 895-1420		
Cal	Magnetics Inc	1743 Maryland Ave, Redwood City, Cal	EM6-1210
Cal	Magnetics Inc	3941 E. Colorado Blvd, Pasadena, Cal	MU1-7407
Ill	Withers Rupe & Cahill	5439 W. Division St, Chicago, Ill	AU7-7292
Ind	Rockwell Engineering	2121 E. 45th St, Indianapolis, Ind	CL1-9453
Mass	Magnetics Inc	Tupelo Rd, Holly Ridges, Marshfield	PI6-2460
Mich	Schulte Co	4512 N. Woodward Ave, Royal Oak, Mich	JO6-2375
NJ	Magnetics Inc	172 Dania Terr, N. Plainfield, NJ	PL7-0162
NY	Robert F Lamb Co	2407 Delaware Ave, Buffalo, NY	BE3757
NY	Magnetics Inc	171 E Post Rd, White Plains	WH6-7777
Ohio	George Drysdale	785 W Ohio Pike, Cinc 45	PL2-6683
Ohio	Martin-Rettger Inc	11955 Shaker Blvd, Cleveland, Ohio	SW1-8717
Pa	Russell F Clark Co	Clark Bldg. Pittsburgh 22	AT1-8089
Tex	William E Brice	301 Bastrop St, Houston, Tex	CA2-7311
For	B Freudenberg, Inc	50 Rockefeller Plaza, New York 20, NY	PL7-9130
Canada	George M Fraser Ltd	1594 Yonge St, Toronto 7, Ontario, Can	HA4-9492
	CONTROL DATA CORP CEDAR ENGINEERING DIV	**501 Park Ave, Minneapolis 15, Minn**	**FE9-0411**
	15-320-338-365-475-895-915-1165-1470-1550-1810-1850		
Ariz	Kittleson Co	416 N. LaBrea Ave, Los Angeles 36, Cal	WE3-7371
Cal	Kittleson Co	416 N. LaBrea Ave, Los Angeles 36, Cal	WE3-7371
Conn	Ress Engineering Sales	259 Walnut St, Newtonville 60, Mass	LA7-4932
Del	East Coast Liaison Inc	Box 243, Lutherville, Md	VA5-4449
Ill	Lightner Associates	6322 N. Milwaukee Ave, Chicago 46, Ill	SP4-1500
Ind	Lightner Associates	6322 N. Milwaukee Ave, Chicago 46, Ill	SP4-1500
Ind	Dale W Martin	Box 554, Dayton 19, Ohio	CL3-6175
Iowa	Lightner Associates	6322 N. Milwaukee Ave, Chicago 46, Ill	SP4-1500
Me	Ress Engineering Sales	259 Walnut St, Newtonville 60, Mass	LA7-4932
Md	East Coast Liaison Inc	Box 243, Lutherville, Md	VA5-4449
Mass	Ress Engineering Sales	259 Walnut St, Newtonville 60, Mass	LA7-4932
Mich	Carl T Splander	10544 Somerset Ave, Detroit 24, Mich	TU4-7824
Mo	Lightner Associates	6322 N. Milwaukee Ave, Chicago 46, Ill	SP4-1500
Nev	Kittleson Co	416 N. LaBrea Ave, Los Angeles 36, Cal	WE3-7371
NH	Ress Engineering Sales	259 Walnut St, Newtonville 60, Mass	LA7-4932
NM	Kittleson Co	416 N. LaBrea Ave, Los Angeles 36, Cal	WE3-7371
NC	East Coast Liaison Inc	Box 243, Lutherville, Md	VA5-4449
Ohio	Dale W Martin	Box 554, Dayton 19, Ohio	CL3-6175
Ohio	Carl T Splander	10544 Somerset Ave, Detroit 24, Mich	TU4-7824
Okla	Lawrence Sales Co	Box 13026, Dallas 20, Tex	FL2-7484
Pa	East Coast Liaison Inc	Box 243, Lutherville, Md	VA5-4449
Tex	Lawrence Sales Co	Box 13026, Dallas 20, Tex	FL2-7484
Vt	Ress Engineering Sales	259 Walnut St, Newtonville 60, Mass	LA7-4932
Va	East Coast Liaison Inc	Box 243, Lutherville, Md	VA5-4449
	CONTROL DEVICES INC	**925 S. Eton Rd, Birmingham, Mich**	**JO6-1411**
	E Van Dyk #3 *11 C 110-180-260-360-605-895-1120-1595-1605-1785		
	CONTROL DYNAMICS CORP	**7420 Fulton Ave, N. Hollywood, Cal**	**PO4-6060**
	W Hunter #2 *91 E 1460		
Ariz	Pacific Electro-Sales Inc	P. O. Box 8344, San Diego, Cal	GL9-1618
Cal	R W Thompson Assoc	814 W San Antonio Rd. Palo Alto	DA1-6383
Cal	Pacific Electro Sales Inc	6051 1/2 Whittier Blvd, Los Angeles 22	RA3-3391
DC	Paul T Leibowitz	6806 Tyson Rd, Philadelphia 18, Pa	VE6-4726
Fla	Specialized Equip Corp	1 N Atlantic Ave, Cocoa Beach	3U3-3336
Ga	Specialized Equip Corp	234 E Paces Ferry Rd NE, Atlanta	CE3-5558
Md	Paul T Leibowitz	6806 Tyson Rd, Philadelphia 18, Pa	VE6-4726
Mass	Browndale Engineering Co	6 Beacon St, Boston 8	CA7-1515
NY	Kahgan Sales Corp	1261 Broadway, New York 1, NY	MU4-7772
Pa	Paul T Leibowitz	6806 Tyson Rd, Philadelphia 18, Pa	VE6-4726
Pa	Argus Industries Inc	PO Box 68, Warminster	OS5-4131
•	**CONTROL ELECTRONICS CO., INC**	**10 Stepar Pl, Huntington Station, NY**	**HA7-7961**
	W Bliss #12 *125 E 385-450-670-895-1045-1135-1150-1425-1585-1610-1870-1915		
Ala	H P Collins	5728 Precision Dr, Orlando, Fla	CH1-1501
Ark	Southern Ind. Electronics Inc	Box 35633 Air Lawn Sta. Dallas, Tex	FL2-3901
Cal	Sanders & Sanders	18406 Calvert St. Reseda	DI3-9819
Fla	Col-Ins-Co	5728 Precision Dr, Orlando, Fla	CH1-1501
Ga	Irving W Forde	2354 Ewing Dr. NE, Atlanta 19	ME6-6177
Ill	Proctor Sales Co. Inc	3401 W. Diversey, Chicago 47	HU9-2700
Ind	Proctor Sales Inc	3401 W. Diversey, Chicago 47, Ill	HU9-2700
Iowa	Proctor Sales Inc	3401 W. Diversey, Chicago 47, Ill	HU9-2700
Mich	Proctor Sales Inc	3401 W. Diversey, Chicago 47, Ill	HU9-2700
Miss	H P Collins	5728 Precision Dr, Orlando, Fla	CH1-1501
NC	Irving Forde	2354 Ewing Dr. NE, Atlanta 19, Ga	ME6-6177
SC	Irving Forde	2354 Ewing Dr. NE, Atlanta 19, Ga	ME6-6177
Tex	Southern Ind. Electronics Inc	Box 35633, Air Lawn Sta, Dallas	FL2-3901
Canada	Whittaker Electronics Limited	2137 Niagara Dr, Ottawa, Ontario, Can	1318
For	Montclair Electronics Intl. Inc	114 Liberty St. NY, NY	CO7-9350
	CONTROL ELECTROPOLISHING CORP	**59 S Columbus Ave. Freeport, NY**	**MA3-4124**
	C Morie Jr #1 *4 A 560-995		
	CONTROL EQUIPMENT CORP	**19 Kearney Rd, Needham Hgts 94, Mass**	**HI4-7550**
	H Adams #5 *20 C 295-330-338-360-450-455-515-895-1810		
Ark	N S Brown Assoc	5852 Boca Raton Dr. Dallas, Tex	EM3-3698
Cal	Beall Electronic Sales Co	PO Box 901, Palo Alto	DA1-8511
Cal	Charles L Rapp Co	11168 Santa Monica Blvd. L A	GR2-5990
Kan	N S Brown Assoc	5852 Boca Raton Dr. Dallas, Tex	EM3-3698
Mo	N S Brown Assoc	5852 Boca Raton Dr. Dallas, Tex	EM3-3698
NJ	B B Taylor Co	425 Piaget Ave. Clifton	PR3-1451
NY	Colello Eng Co	31 Helene Ave. Albany	IV2-2852
NY	B B Taylor Co	2270 Grand Ave. Baldwin	BA3-8000
Okla	N S Brown Assoc	5852 Boca Raton Dr. Dallas, Tex	EM3-3698
Tex	N S Brown Assoc	5852 Boca Raton Dr. Dallas	EM3-3698
	CONTROL PRODUCTS, INC	**280 Ridgedale Ave, E Hanover, NJ**	**TU7-5000**
	J Mile #3 *100 D 1735		
Ala	Lynd Walkling	Box 3045, Atlanta 17, Ga	DR3-8346
Alas	Don Smith Sales Co	2320 N 45th St, Seattle, Wash	ME3-3160
Ariz	Milform Eng Co	14006 Cantlay St, Van Nuys, Cal	TR3-5335
Cal	Milform Eng Co	14006 Cantlay St, Van Nuys	TR3-5335
Conn	Fran Kosowicz	2 Mather Rd, West Hartford, Conn	AD3-7883
Fla	Lynd Walkling	Box 3045, Atlanta 17, Ga	DR3-8346
Ga	Lynd Walkling	Box 3045, Atlanta 17	DR3-8346
Idaho	Don Smith Sales Co	2320 N. 45th St, Seattle, Wash	ME3-3160
Ill	Bruce Cumming & Assoc	6029 W Belmont Ave, Chicago 34	ME3-3770
Ind	R F Hardy	1501 Hulman Bldg, Dayton 2	BA2-1265
Iowa	John E M Anderson Co	5221 Humboldt Ave S, Mnpls, Minn	TA3-6459
Kan	Thomson Eng Service	2530 Oaklawn Ave, Dallas 19, Tex	LA6-8741
Ky	R F Hardy	1501 Hulman Bldg, Dayton 2, Ohio	BA2-1265
Me	Fran Kosowicz	2 Mather Rd, W. Hartford, Conn	AD3-7883
Md	R B Barnhill & Assoc Inc	19 W Penn Ave, Baltimore 4	VA5-3100
Mass	Fran Kosowicz	2 Mather Rd, W Hartford, Conn	AD3-7883
Mich	J L Montgomery Co	3182 Featherstone Ln, Birmingham	MI6-6534
Minn	John E M Anderson Co	5221 Humboldt Ave S, Mnpls	TA3-6459
Miss	Lynd Walkling	Box 3045, Atlanta 17, Ga	DR3-8346
Mo	Thomson Engineering Service	6230 Forsythe Blvd, St. Louis 5, Mo	PA7-7785
Mont	Don Smith Sales Co	2320 N. 45th St, Seattle, Wash	ME3-3160
Nev	Milform Eng Co	14006 Cantlay St. Van Nuys, Cal	TR3-5335
NH	Fran Kosowicz	2 Mather Rd, W. Hartford, Conn	AD3-7883
NJ	Edwin B Hinck	270 N Mountain Ave, Upper Montclair	PI6-2625
NM	Milform Eng Co	14006 Cantlay St, Van Nuys, Cal	TR3-5335
NY	Carlen Representatives	132 Burnet Ave, Syracuse 3	GR9-9191
NY	Edwin B Hinck	270 N Mountain Ave, Upper Montclair, NJ	PI6-2625
NC	R B Barnhill & Assoc Inc	19 W Penn Ave, Baltimore 4, Md	VA5-3100
ND	John E M Anderson Co	5221 Humboldt Ave S, Mnpls, Minn	TA3-6459
Ohio	R F Hardy	1501 Hulman Bldg, Dayton 2, Ohio	BA2-1265
Okla	Thomson Engineering Service	2530 Oaklawn Ave, Dallas 19, Tex	LA6-8741
Ore	Don Smith Sales Co	2320 N. 45th St, Seattle, Wash	ME3-3160
Pa	R B Barnhill & Assoc. Inc	19 W Penn Ave, Baltimore 4, Md	VA5-3100
Pa	R F Hardy	1501 Hulman Bldg, Dayton 2, Ohio	BA2-1265
RI	Fran Kosowicz	2 Mather Rd, W. Hartford, Conn	AD3-7883
SC	Lynd Walkling	Box 3045, Atlanta 17, Ga	DR3-8346
SD	John E M Anderson Co	5221 Humboldt Ave S, Mnpls, Minn	TA3-6459
Tenn	Lynd Walkling	Box 3045, Atlanta 17, Ga	DR3-8346
Tex	Thomson Engineering Service	2530 Oaklawn Ave, Dallas 19, Tex	LA6-8741
Vt	Fran Kosowicz	2 Mather Rd, W. Hartford, Conn	AD3-7883
Wash	Don Smith Sales Co	2320 N. 45th St, Seattle, Wash	ME3-3160
Wisc	Bruce Cumming & Assoc	6029 W Belmont Ave, Chicago 34, Ill	ME3-3770
Wisc	John E M Anderson Co	5221 Humboldt Ave S, Mnpls, Minn	TA3-6459
Can	Aeromotive Engr Prod Ltd	147 Hymus Blvd, Pointe Claire, Que	OX7-0810
	CONTROL SWITCH DIV CONTROLS CO OF AMERICA	**4218 W. Lake St, Chicago 24, Ill**	**VA6-3100**
	G 1735		
	CONTROL TECHNOLOGY CO	**1186 Broadway, New York 1, NY**	**OR9-2770**
	F Phillips #4 *14 B 20-275-338-360-475-775-895-1470-1920		
Ark	N S Brown Assoc	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Kan	N S Brown Assoc	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Mo	N S Brown Assoc	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
NJ	Ellis Huber Corp	11 Northern Blvd, Great Neck, NY	HU7-5145
NY	Ellis Huber Corp	11 Northern Blvd, Great Neck, NY	HU7-5145
Okla	N S Brown Assoc	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Tex	N S Brown Assoc	5852 Boca Raton Dr, Dallas 30	EM3-3698
	CONTROLLED ATMOSPHERE ENCLOSURES MFG CO	**1061 E. 8 St, Jacksonville 6, Fla**	**EL4-5684**
	P Leonard #4 *45 D 135-180-290-295-360-445-590-670-735-1075-1215-1575		
Ariz	C W Reed Co	6959 S Hoover St, Los Angeles, Cal	PL3-2221
Cal	C W Reed Co	5959 S. Hoover, Los Angeles 44, Cal	PL3-2221
Cal	Long & Assoc	5150 Westerfield Rd, SF	EM-3324
Minn	E J Doyle	1446 Dreyer Ave N, St Paul 13	MI5-5711
NY	Julian Kudlnicx	31 Barlow Dr N, Bklyn	CL1-1588
	CONTROLLED ENVIRONMENT, INC	**52 Pickering St. Needham 92, Mass**	**HI4-8191**
	R Peck #1 *6 A 250-295-590-670-855		
NJ	J D Perkins	419 Lucille Ct. Ridgewood	
	CONTROLOMAG LABS	**2450 Susquehanna, Roslyn, Pa**	**TU4-8098**
	R Patterson #2 *8 A 320-360-895-1075-1420-1855		
	CONTROLS CO OF AMERICA	**9555 Soreng Ave, Schiller Park, Ill**	**NA5-9030**
	P Bein 1735-1810		
Ala	Cartwright & Bean	1336 Madison St. Memphis, Tenn	
Alas	Eicher & Co	5 W Harrison St. Seattle 99, Wash	
Ariz	D D Darnell Co	3120 Rose Circle Dr, Phoenix	
Ark	Cartwright & Bean	1336 Madison St. Memphis, Tenn	
Cal	Electrical Mfrs Representatives, Inc	157 N Vermont, Los Angeles 54	DU2-6763
Cal	Artwel Electric, Inc	1425 Bayshore Blvd. San Francisco 24	JU6-4274
Colo	D D Darnell & Co	Johnson Dr. & Nall Ave. Mission, Kan	RA2-1736
Conn	Automation Sales Co	548 Forest St. Rockland, Mass	TR8-4192
Del	R B Davis Co	2308 Bryn Mawr Ave. Ardmore, Pa	
DC	Potomac Electronics, Inc	1025 N Royal St. Alexandria, Va	TE6-6666
Fla	Cartwright & Bean	2100 NE 75th St. N Miami Beach	
Ga	Cartwright & Bean	3223 Cain's Hill Pl. NW, Atlanta 5	CE7-2273
Idah	Eicher & Co	5 W Harrison St. Seattle 99, Wash	
Ill	John G Twist Co	5222 W Diversey Ave. Chicago 39	SP7-2250
Ind	R O Whitesell & Associates	6620 E Washington St. Indianapolis 19	FL9-5374
Iowa	D D Darnell & Co	Johnson Dr. & Nall Ave. Mission, Kan	RA2-1736
Kan	D D Darnell & Co	Johnson Dr. & Nall Ave. Mission	RA2-1736
Ky	R O Whitesell & Assoc	430 N 38th St. Louisville 12	
La	Cartwright & Bean	821 Pontalba St. New Orleans	AU2265
Me	Automation Sales Co	548 Forest St. Rockland, Mass	TR8-4192
Md	Potomac Electronics, Inc	1025 N Royal St. Alexandria, Va	TE6-6666
Mass	Automation Sales Co	548 Forest St. Rockland	TR8-4192
Mich	Jim Morrow Sales	13149 Hamilton Ave. Highland Park 3	TO5-7680
Minn	Grant Sales Co	1415 S 2nd St. Minneapolis 4	FE2-6955
Miss	Cartwright & Bean	1336 Madison St. Memphis, Tenn	
Mo	D D Darnell & Co	Johnson Dr. & Nall Ave. Mission, Kan	RA2-1736
Mont	Eicher & Co	5 W Harrison St. Seattle 99, Wash	
Neb	D D Darnell & Co	3120 Rose Circle Dr. Phoenix, Ariz	WH5-8929
Nev	D D Darnell & Co	3120 Rose Circle Dr. Phoenix, Ariz	WH5-8929
NH	Automation Sales Co	548 Forest St. Rockland, Mass	TR8-4192
NJ	Paul D Aaron Co	Professional Bldg. Port Washington, NY	
NJ	R B Davis Co	2308 Bryn Mawr Ave. Ardmore, Pa	
NM	D D Darnell & Co	Johnson Dr. & Nall Ave. Mission, Kan	RA2-1736
NY	Paul D Aaron Co	Port Washington Blvd. Port Washington	
NC	Cartwright & Bean	625 Hanway Dr. Charlotte	FR6-8648
ND	Grant Sales Co	1415 S 2nd St. Minneapolis 4, Minn	
Ohio	R O Whitesell & Associates	2225 Losantiville Ave. Cincinnati 37	ME1-9210
Okla	D D Darnell & Co	Johnson Dr. & Nall Ave. Mission, Kan	RA2-1736
Pa	R B Davis Co	2308 Bryn Mawr Ave. Ardmore	
Pa	R O Whitesell & Associates	21139 Lorain Ave. Cleveland 26, Ohio	
RI	Automation Sales Co	548 Forest St. Rockland, Mass	TR8-4192
SC	Cartwright & Bean	625 Hanway Dr. Charlotte, NC	FR6-8648
SD	Grant Sales Co	1415 S 2nd St. Minneapolis 4, Minn	FE2-6955
Tenn	Cartwright & Bean	1336 Madison, Memphis	
Tenn	Cartwright & Bean	3223 Cains Hill Pl. NW, Atlanta, Ga	CE7-2273
Tex	D D Darnell & Co	11554 E Northwest Hwy. Dallas 18	
Utah	D D Darnell & Co	3120 Rose Circle Dr. Phoenix, Ariz	WH6-8929
Vt	Automation Sales Co	548 Forest St. Rockland, Mass	TR8-4192
Va	Cartwright & Bean	625 Hanway Dr. Charlotte, NC	FR6-8648
Wash	Eicher & Co	5 W Harrison St. Seattle 99	
W Va	Potomac Electronics, Inc	1025 N Royal St. Alexandria, Va	TE6-6666
Wis	Grant Sales Co	1415 S 2nd St. Minneapolis 4, Minn	FE2-6955
Wis	John G Twist Co	5222 W Diversey Ave. Chicago 39, Ill	SP7-2250
Wyo	D D Darnell & Co	Johnson Dr. & Nall Ave. Mission, Kan	RA2-1736
	CONTROLS CO OF AMERICA ELECTRON DIV	**811 W Broadway Rd, Tempe, Ariz**	**WO7-1641**
	R Hansen #15 *75 D 220-500-1445		
Ala	Stanley K Wallace Assoc. Inc	PO Box 67, Lutz, Fla	WE9-3241
Ariz	Shefler-Kahn Co	PO Box 1987, Phoenix	AL8-7894
Ark	Southern Ind Electronics, Inc	PO Box 35633, Dallas, Tex	FL2-3901
Cal	Western Control Equipment Co	Box 1188, Sherman Oaks	ST8-0255
Cal	Deere Electronics Inc	1575 Laurel St, San Carlos	LY1-4423
Colo	Landes, Zachary & Peterson Co	601 S Jason St. Denver	
Conn	Merrill Sproul	PO Box 356, Unionville	OR3-8641
Del	Arnold Assoc, Inc	529 Ryers Ave, Cheltenham, Pa	PI2-0630
DC	Arnold Assoc, Inc	529 Ryers Ave, Cheltenham, Pa	PI2-0630
Fla	Stanley K Wallace Assoc Inc	Box 67, Lutz	WE9-3241
Ga	Stanley K Wallace Assoc Inc	Box 67, Lutz, Fla	WE9-3241
Idah	Landes, Zachary & Peterson	601 Jason St, Denver, Colo	
Ill	Douglas Kirchner	29 E Sunset, Villa Park	TE2-1862
Ill	Thunderbird Engineering Sales	2535 Main St, Kansas City, Mo	WE1-9779
Kan	Thunderbird Eng Sales	2535 Main St, Kansas City, Mo	WE1-9779
Ky	Augry Nadalin	Box 644, Stow, Ohio	OV8-3500
Ky	Thunderbird Eng Sales	2535 Main St, Kansas City, Mo	WE1-9779
La	Southern Ind Electronics, Inc	PO Box 35633, Dallas, Tex	FL2-3901
Me	Merrill Sproul	PO Box 356, Unionville, Conn	OR3-8641
Md	Arnold Assoc Inc	529 Ryers Ave, Cheltenham, Pa	PI2-0630
Mass	William Montgomery	Box 475, Wayland	
Mich	Jim Morrow Sales	13149 Hamilton Ave, Highland Park	
Mich	Douglas Kirchner	29 E Sunset, Villa Park, Ill	
Miss	Stanley K Wallace Assoc Inc	Box 67, Lutz, Fla	WE9-3241
Mo	Thunderbird Engineering Sales	2535 Main St, Kansas City	WE1-9779
Mo	Southern Ind Electronics Inc	Box 35633, Dallas, Tex	FL2-3901
Mont	Landes, Zachary & Peterson	601 Jason St, Denver, Colo	
Neb	Thunderbird Engineering Sales	2535 Main St, Kansas City, Mo	WE1-9779
Nev	Deere Electronics, Inc	1575 Laurel St, San Carlos, Cal	LY1-4423
NH	Merrill Sproul	PO Box 356, Unionville, Conn	OR3-8641
NJ	George Maher	Box 35, Kearny	WY8-0456
NJ	Arnold Assoc. Inc	529 Ryers Ave. Cheltenham, Pa	PI2-0630
NM	Shefler-Kahn Co	Box 1987, Phoenix, Ariz	AL8-7894
NY	Kace Bird	30 Cranberry Ln, Plainview	WE8-7655
NY	Merrill Sproul	PO Box 356, Unionville, Conn	OR3-8641
NY	George Maher	Box 35, Kearny, NJ	WY8-0456
NC	Stanley K Wallace Assoc Inc	Box 67, Lutz, Fla	WE9-3241
Ohio	Augry Nadalin	Box 644, Stow	OV8-3500
Okla	Southern Ind Electronics Inc	Box 35633, Dallas, Tex	FL2-3901
Ore	Fred Macdonald	1622-100th Ave NE, Bellevue, Wash	GL4-2622
Pa	Augry Nadalin	PO Box 644, Stow, Ohio	OV8-3500
Pa	Arnold Assoc, Inc	529 Ryers Ave, Cheltenham	PI2-0630
RI	Merrill Sproul	PO Box 356, Unionville, Conn	OR3-8641
SC	Stanley K Wallace Assoc, Inc	PO Box 67, Lutz, Fla	WE9-3241
Tenn	Stanley K Wallace Assoc, Inc	PO Box 67, Lutz, Fla	WE9-3241

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Tex	Southern Ind Electronics Inc	Box 35635, Dallas	FL2-3901
Utah	Oscar Sales	2501 S State, Salt Lake City	HU7-7873
Vt	Merrill Sproul	Box 356, Unionville, Conn	OR3-3641
Va	Arnold Assoc Inc	528 Ryers Ave, Cheltenham, Pa	PI2-0600
Wash	Fred Weisbrod	1622 100th NE, Bellevue	GL4-2500
W Va	Arnold Assoc Inc	528 Ryers Ave, Cheltenham, Pa	PI2-0600
Wis	Douglas Kirchner	29 E Sunset, Villa Park, Ill	TE2-1462
Wyo	Landes, Zachary & Peterson	802 Jason St, Denver, Colo	
For	N E Segelli-Cami A G	Baarerstr 34, Zug, Switzerland	
	COOK ELECTRIC CO	**2700 Southport Ave. Chicago 14, Ill**	**DI8-6700**
	W Holcomb #750 *4000 G 35-220-240-275-320-360-895-1735		
Ala	Cook Electric Co	3306 Hutchens, Huntsville	JE4-6411
Cal	Cook Electric Co	8170 Beverly Blvd, LA 48	OL3-5340
DC	Cook Electric Co	1511 "K" St, NW, Wash 5	DI7-4700
Kan	Cook Electric Co	5425 E Kellogg, Wichita	MU2-3311
Mass	Cook Electric Co	Lexington Inn, Lexington	VO2-8539
Minn	Cook Electric Co	1887 N Fry St, St Paul 13	MI5-8744
Mo	Cook Electric Co	Rt 11, Box 1718, Springfield	UN6-6990
NJ	Cook Electric Co	13 Wilsey Square, Ridgewood	OL2-2144
NY	Cook Electric Co	225 N Washington St, Rome	FF6-4650
Ohio	Cook Electric Co	1482 Stanley Ave, Dayton 4	BA9-5197
Okla	Cook Electric Co	1023 S 11th St, Kingfisher	KI789
Tenn	Cook Electric Co	112 Cedar Valley Rd, Bristol	SO4-1933
Tex	Cook Electric Co	3415 1/2 Milton Ave, Dallas	EM3-2557
	COOK TECHNOLOGICAL CENTER	**6401 W. Oakton St, Morton Grove, Ill**	**NI7-6600**
	200-338-340-365-895-1395-1435-1555-1610-1735		
Ala	William F Appleton	441 N. Edgemont Circle, Huntsville, Ala	JE9-4201
Ariz	Cook Technological Center	8170 Beverly Blvd, Los Angeles 48, Cal	OL3-5340
Cal	Cook Technological Center	8170 Beverly Blvd, Los Angeles 48, Cal	OL3-5340
Conn	Henry C Alberts	10 Welch Rd, Lynnfield Centre, Mass	ED4-4838
Del	John J Ryan	51-25 47th St, Woodside 77, NY	ST4-5477
DC	Cook Technological Center	1000 16th St, N.W., Washington 6, DC	DI7-4700
Fla	William F Appleton	441 N. Edgemont Circle, Huntsville, Ala	JE9-4201
Ga	William F Appleton	441 N. Edgemont Circle, Huntsville, Ala	JE9-4201
Idaho	Cook Technological Center	8170 Beverly Blvd, Los Angeles 48, Cal	OL3-5340
Ind	A W Crockett	34059 Banbury Rd, Farmington, Mich	MA6-1113
Kan	Cook Electric Co	5425 E. Kellogg, Wichita, Kan	MU2-3311
Ky	Cook Electric Co	1482 Stanley Ave, Dayton, Ohio	BA9-5197
La	William F Appleton	441 N. Edgemont Circle, Huntsville, Ala	JE9-4201
Me	Henry C Alberts	10 Welch Rd, Lynnfield Centre, Mass	ED4-4838
Md	Cook Technological Center	1000 16th St, N.W., Washington 6, DC	DI7-4700
Mass	Henry C Alberts	10 Welch Rd, Lynnfield Centre, Mass	ED4-4838
Mich	A W Crockett	34059 Banbury Rd, Farmington, Mich	MA6-1113
Miss	William F Appleton	441 N. Edgemont Circle, Huntsville, Ala	JE9-4201
NH	Henry C Alberts	10 Welch Rd, Lynnfield Center, Mass	ED4-4838
NJ	John J Ryan	51-25 47th St, Woodside 77, NY	ST4-5477
NM	Cook Technological Center	8170 Beverly Blvd, Los Angeles 48, Cal	OL3-5340
NY	John J Ryan	51-25 47th St, Woodside 77, NY	ST4-5477
NC	William F Appleton	441 N. Edgemont Circle, Huntsville, Ala	JE9-4201
Ohio	Cook Electric Co	1482 Stanley Ave, Dayton, Ohio	BA9-5197
Ore	Cook Technological Center	8170 Beverly Blvd, Los Angeles 48, Cal	OL3-5340
Pa	John J Ryan	51-25 47th St, Woodside 77, NY	ST4-5477
RI	Henry C Alberts	10 Welch Rd, Lynnfield Centre, Mass	ED4-4838
SC	William F Appleton	441 N. Edgemont Circle, Huntsville, Ala	JE9-4201
Tenn	William F Appleton	441 N. Edgemont Circle, Huntsville, Ala	JE9-4201
Tex	Cook Technological Center	8170 Beverly Blvd, Los Angeles 48, Cal	OL3-5340
Utah	Cook Technological Center	8170 Beverly Blvd, Los Angeles 48, Cal	OL3-5340
Vt	Henry C Alberts	10 Welch Rd, Lynnfield Centre, Mass	ED4-4838
Va	Cook Technological Center	1000 16th St, N.W., Washington 6, DC	DI7-4700
Wash	Cook Technological Center	8170 Beverly Blvd, Los Angeles 48, Cal	OL3-5340
W. Va	Cook Electric Co	1482 Stanley Ave, Dayton, Ohio	BA9-5197
	COOPER DEVELOPMENT CORP	**2626 S. Peck Rd, Monrovia, Cal**	**HI6-3138**
	15-240-315-895-1135-1145-1205-1775-1810-1840-1870		
	COOPER HEWITT ELEC. CO. INC.		
	DIV. SPERTI FARADAY INC	**730 Grand St. Hoboken, NJ**	**SW2-2000**
	J Greulo 990-1460-1545-1735		
Cal	Sherman Luminous Materials Co.	7366 Santa Monica Blvd. Hollywood 46	HO7-1443
Cal	Tore Scientific Co	1526 Wallace Ave. SF 24	VA4-5400
Ga	Senior Fluorescent Inc	70 4th St. NW, Atlanta 3	EM2-542
Ill	Chase W George Co	618 S. Dearborn St. Chicago 5	HA7-5400
Md	Charles Electrical Co	8 E. Mt. Royal Ave. Baltimore 2	MU5-8969
NY	Mercury Engt. Co	1186 Broadway, NY 1	OR9-4452
Pa	Star Electric Co	117 Flowers Ave. Pittsburgh 7	HA1-4100
Can	Hamann Enterprises	177 Sherwood Ave. Toronto 12, Ont	HU9-7701
	COOPER & SONS INC., JOSEPH B	**180 Varick St, New York 14, NY**	**AL5-3131**
	J Cooper #2 *34 E 1125-1305-1350-1885-1960		
Ariz	Carl Hower & Co	369 N. Craftsman's Ct. Phoenix	WH5-2471
Cal	Yarbrough Sales Co	192 E. Glenarm St. Pasadena	SY9-7055
Conn	Herman Kaplan	45 Arland Dr. Pawtucket, RI	PA3-5558
Mass	Herman Kaplan	45 Arland Dr. Pawtucket, RI	PA3-5558
NJ	C D B Enterprises Inc	501 Broadway, Hicksville, NY	WE8-8644
NY	C D B Enterprises Inc	501 Broadway, Hicksville	WE8-8644
Pa	Schumacher Assoc	Box 182, Abington	TU4-7808
RI	Herman Kaplan	45 Arland Dr. Pawtucket	PA3-5558
Tex	P J Scanlan Co	2608 Inwood Rd. Dallas	FL1-9991
	CO-OPERATIVE INDUSTRIES INC	**190 Oakdale Rd, Chester, NJ**	**TR9-5151**
	V Benedel #8 *190 E 185-190-320-345-670-795-875-1135-1290-1575-1885		
Cal	L S Elliott	PO Box 64426, Los Angeles 64	GR3-0579
Conn	Fred L O'Connor	2300 Wash St, Newton Lower Falls, Mass	DE2-1822
Del	A Roy Heath Jr	1015 Chestnut St, Philadelphia 7, Pa	MA7-5140
DC	A Roy Heath Jr	1015 Chestnut St, Philadelphia 7, Pa	MA7-5140
Ill	William B Romaine	2644 N. Western Ave, Chicago 47, Ill	CA7-4767
Ind	William B Romaine	2644 N. Western Ave, Chicago 47, Ill	CA7-4767
Iowa	William B Romaine	2644 N. Western Ave, Chicago 47, Ill	CA7-4767
Kan	George E Harris & Co, Inc	3522 E Douglas Ave, Wichita 18	MU2-2731
Me	Fred L O'Connor	2300 Wash St, Newton Lower Falls, Mass	DE2-1822
Md	A Roy Heath Jr	1015 Chestnut St, Philadelphia 7, Pa	MA7-5140
Mass	Fred L O'Connor	2300 Wash St, Newton Lower Falls 62, Mass	DE2-1822
Mich	R D Kelter	P.O. Box 127, Birmingham, Mich	MI5-4156
Minn	William B Romaine	2644 N. Western Ave, Chicago 47, Ill	CA7-4767
Mo	George E Harris & Co, Inc	Old Natl Guard Hangar, Hazelwood	PE1-6948
Mo	George E Harris & Co., Inc	3527 Broadway, Kansas City, Mo	WE1-4884
NH	Fred L O'Connor	2300 Wash St, Newton Lower Falls, Mass	DE2-1822
NJ	Eugene B Hauser	1620 Park Ave, Hoboken, NJ	OL9-2521
NY	Eugene B Hauser	1620 Park Ave, Hoboken, NJ	OL9-2521
NC	A Roy Heath Jr	1015 Chestnut St, Philadelphia 7, Pa	MA7-5140
Ohio	John W Borland	318 Hippodrome Bldg, Cleveland 14,	TO1-7531
Pa	A Roy Heath Jr	1015 Chestnut St, Philadelphia 7, Pa	MA7-5140
SC	A Roy Heath Jr	1015 Chestnut St, Philadelphia 7, Pa	MA7-5140
Tex	George E Harris & Co, Inc	1345 Hurst Blvd. Hurst	AT4-0551
Vt	Fred L O'Connor	2300 Wash St, Newton Lower Falls, Mass	DE2-1822
Va	A Roy Heath Jr	1015 Chestnut St, Philadelphia 7, Pa	MA7-5140
W. Va	A Roy Heath Jr	1015 Chestnut St, Philadelphia 7, Pa	MA7-5140
Wisc	William B Romaine	2644 N. Western Ave, Chicago 47, Ill	CA7-4767
	COORS PORCELAIN CO	**600 Ninth St, Golden, Colo**	**CR9-4533**
	B Landes #40 *800 240-315-905-1875-1890		
Ala	Ken Lundy	Dallas, Tex	DA7-5716
Ariz	Ken Lundy	Dallas, Tex	DA7-5716
Ark	Ken Lundy	Dallas, Tex	DA7-5716
Cal	William Smith	Palo Alto	EM6-8129
Conn	John McManus	Manhasset, NY	MA7-3996
Del	John McManus	Manhasset, NY	MA7-3996
DC	John McManus	Manhasset, NY	MA7-3996
Fla	Ken Lundy	Dallas, Tex	DA7-5716
Ga	Ken Lundy	Dallas, Tex	DA7-5716
Idaho	William Smith	Palo Alto, Cal	EM6-8129
Ill	John Marozeck	Roselle	FR2-7100
Ind	John Marozeck	Roselle, Ill	FR2-7100
Ind	Don Dobbins	Canton, Ohio	GL4-9638
Iowa	John Marozeck	Roselle, Ill	FR2-7100
Ky	Don Dobbins	Canton, Ohio	GL4-9638
La	Ken Lundy	Dallas, Tex	DA7-5716
Me	Warren McDonald	Schenectady, NY	FR4-0663
Md	John McManus	Manhasset, NY	MA7-3996
Md	Don Dobbins	Canton, Ohio	GL4-9638
Mass	Warren McDonald	Schenectady, NY	FR4-0663
Mich	Don Dobbins	Canton, Ohio	GL4-9638
Mich	John Marozeck	Roselle, Ill	FR2-7100
Minn	John Marozeck	Roselle, Ill	FR2-7100
Miss	Ken Lundy	Dallas, Tex	DA7-5716
Mo	John Marozeck	Roselle, Ill	FR2-7100
Nev	William Smith	Palo Alto, Cal	EM6-8129
NH	Warren McDonald	Schenectady, NY	FR4-0663
NJ	John McManus	Manhasset, NY	MA7-3996
NM	Ken Lundy	Dallas, Tex	DA7-5716
NY	John McManus	Manhasset	MA7-3996
NY	Warren McDonald	Schenectady	FR4-0663
NC	John McManus	Manhasset, NY	MA7-3996
Ohio	Don Dobbins	Canton	GL4-9638
Okla	Ken Lundy	Dallas, Tex	DA7-5716
Ore	William Smith	Palo Alto, Cal	EM6-8129
Pa	Don Dobbins	Canton, Ohio	GL4-9638
Pa	John McManus	Manhasset, NY	MA7-3996
RI	Warren McDonald	Schenectady, NY	FR4-0663
SC	Ken Lundy	Dallas, Tex	DA7-5716
Tenn	Don Dobbins	Canton, Ohio	GL4-9638
Tex	Ken Lundy	Dallas	DA7-5716
Utah	William Smith	Palo Alto, Cal	EM6-8129
Vt	Warren McDonald	Schenectady, NY	FR4-0663
Va	John McManus	Manhasset, NY	MA7-3996
Wash	William Smith	Palo Alto, Cal	EM6-8129
W Va	Don Dobbins	Canton, Ohio	GL4-9638
Wis	John Marozeck	Roselle, Ill	FR2-7100
	COPPERWELD STEEL CO.,		
	FLEXO WIRE DIV	**70 W 1st St. Oswego, NY**	**FI3-0624**
	C Allen #3 *150 E 1575-1960		
Ala	J R Richards & Co	PO Box 8234, Chattanooga, Tenn	MA4-2416
Ariz	E Jordan Brookes Co	6631 Telegraph Rd. L A, Cal	RA3-8431
Cal	E Jordan Brookes Co	6631 Telegraph Rd. L A	RA3-8431
Conn	Hathaway Electronics	231 Main St. Cambridge, Mass.	KI7-0380
Ill	K D Patton	131 N Clark St. Chicago 2	CE6-1011
Ky	J R Richards & Co	PO Box 8234, Chattanooga, Tenn	MA4-2416
Me	Hathaway Electronics	231 Main St. Cambridge, Mass	KI7-0380
Mass	Hathaway Electronics	231 Main St. Cambridge	KI7-0380
Mich	Benfield-Detroit Assoc	Architects Bldg, Detroit 1	TE3-3515
Miss	J R Richards & Co	PO Box 8234, Chattanooga, Tenn	MA4-2416
NH	Hathaway Electronics	233 Main St. Cambridge, Mass	KI7-0380
NJ	W R Punt Co	PO Box 178, Floral Park, NY	FL2-1742
NY	W R Punt Co	PO Box 178, Floral Park	FL2-1742
Ore	E Jordan Brookes Co	6631 Telegraph Rd. L A 22, Cal	RA3-8431
Pa	K S Williams	Wyano	WE1550
Pa	W R Punt Co	PO Box 178, Floral Park, NY	FL2-1742
RI	Hathaway Electronics	231 Main St. Cambridge, Mass	KI7-0380
Tenn	J R Richards & Co	PO Box 8234, Chattanooga	MA4-2416
Vt	Hathaway Electronics	233 Main St. Cambridge, Mass	KI7-0380
Wash	E Jordan Brookes Co	6631 Telegraph Rd. L A 22, Cal	RA3-8431
Wis	K D Patton	131 N Clark St. Chicago 2, Ill	CE6-1011
	COPYMATION, INC	**5650 N. Western Ave, Chicago 18, Ill**	**ED4-2200**
	200-525-1075-1215		
Ala	Photocopy White Supply Co	1915 Courtney Dr, Birmingham, Ala	
Ariz	Ace Photocopy	343 N. First Ave, Phoenix, Ariz.	AL8-1520
Ark	Eby Engineering Co	101 W. Cedar, El Dorado, Ark	UN3-5195
Cal	Frederick Post Co.	2859 S. Tanager St, Los Angeles, Cal	RA3-9271
Cal	Driazo Corp	35 N. De Lacey St, Pasadena, Cal	MU1-7109
Cal	Frederick Post Co.	311 Mission St, San Francisco 5, Cal	GA1-3308
Colo	Cardwell Blue Print Co	1746 California St, Denver, Colo	
Conn	Blue Print Co.	649 State St, New Haven, Conn	
Del	Graphic Arts Inc	813 Orange St, Wilmington, Del	
DC	Eugene Dietzgen Co., Inc	408-10th St, N.W., Washington DC	
Fla	Copymation of Fla	541-14th St, N.E., Winter Haven, Fla	
Ga	Atlanta Blue Print & Supply Inc	112 Spring St, N.W., Atlanta 1, Ga	
Hawaii	Rapid B P & Engrg Ltd	931 University Ave, Honolulu 14, Hawaii	
Idaho	Idaho Blue Print Co	213 N. Capitol Blvd, Boise, Idaho	
Ill	Frederick Post Co.	3650 N. Avondale Ave, Chicago 18, Ill	KE9-7000
Ill	Tri-City Blue Print Co.	1613-15 3rd Ave, Moline, Ill	4-2478
Ind	Lincoln-Graphic Corp	715 Clay St, Ft. Wayne, Ind	
Iowa	Midstate Reproduction & Supply	213 La Fayette, Waterloo, Iowa	
Kan	Holliday-Tenib	138 Topeka, Wichita, Kan	
Ky	Electric Blue Print & Supply	528 S. 5th St, Louisville, Ky	
La	Eugene Dietzgen Co., Inc	318 Camp St, New Orleans, La	
Md	Lent-Melbrook Inc	950 Sligo Ave, Silver Spring, Md	
Mass	Eugene Dietzgen Co., Inc	47 Kearney Rd, Needham Hgts, Mass	
Mich	Eugene Dietzgen Co., Inc	2345 Cass Ave, Detroit, Mich	
Minn	Twin City Blue Print Co., Inc.	327 Jackson St, St. Paul 1, Minn	
Miss	Neely Blue Print & Supply Co.	220 N. Pearl St, N. Jackson, Miss	
Mo	Eugene Dietzgen Co., Inc	1105 E. 81st St, Kansas City, Mo	
Mont	Billings Blue Print Co., Inc	2813 Second Ave, Billings, Mont	
Neb	Standard Blue Print Co.	1411 Harney St, Omaha 2, Neb	
Nev	Paragon Blue Print Co.	701 E. Stewart Ave, Las Vegas, Nev	
NJ	Commercial Blue Print & Supply	83 Waverly St, Jersey City, NJ	
NM	Dillon Corp	147 Madison, N.E., Albuquerque, NM	
	CORBETT SCIENCE LABS, F W	**3117 Venice Blvd, Los Angeles 19, Cal**	**RE3-5251**
	F Corbett #2 *8 B 895-1075-1330-1475		
	CORDS LTD DIV	**121 Dodge Ave, DeKalb, Ill**	**DE6-2721**
	375		
Ariz	Essex Wire Corp	213 N. First Ave, Phoenix, Ariz	AP8-5798
Cal	Essex Wire Corp	149 Bryant St, San Francisco 7, Cal	DO2-1838
Conn	Essex Wire Corp	1731 Park St, Hartford, Conn	AD6-0641
Fla	Essex Wire Corp	3007 1/2 Edgewater Dr, Orlando, Fla	GA3-3331
Ga	Essex Wire Corp	74 28th St, N.W., Atlanta, Ga	TR4-0688
Ill	Essex Wire Corp	3501 Addison Ave, Chicago 18, Ill	MO6-4466
Ill	Essex Wire Corp	411 E. Peoria St, Chicago, Ill	MO6-4466
Mich	Essex Wire Corp	170 E. South St, Hillsdale, Mich	HE7-3376
Minn	Essex Wire Corp	3030 E. Hennepin, Minneapolis 13, Minn	FE9-8561
Mo	Essex Wire Corp	2000 Forest Ave, Kansas City 8, Mo	HA1-1955
Neb	Essex Wire Corp	320 WOW Bldg, Omaha, Neb	AT7280
NJ	Essex Wire Corp	457 Frelinghuysen Ave, Newark, NJ	BI8-4040
NY	Essex Wire Corp	15 Warrington Dr, Rochester 18, NY	BR1-9676
Ohio	Essex Wire Corp	420 W. First St, Dayton 2, Ohio	BA2-8383
Pa	Essex Wire Corp	6818 Market St, Upper Darby, Phila, Pa	SH7-0600
Pa	Essex Wire Corp	3330 Forbes Ave, Pittsburgh, Pa	MU2-7951
Wash	Essex Wire Corp	11009 Evanston Ave, Seattle 33, Wash	EM0956
Foreign	Lionel-Essex Intl Corp	15 E. 26th St, New York, NY	MU5-1300
•	**CORNELL-DUBILIER ELECTRONICS DIV. FEDERAL PACIFIC ELECTRIC CO**	**50 Paris St. Newark 1, NJ**	**MA4-7500**
	A Williams *4500 G 45-220-255-365-450-500-670-790-895-915-1155-1170-1445-1460-1730-1935		
Ariz	W Bert Knight Co	P O Box 11394, Phoenix	
Cal	Moulthrop & Hunter	165-11th St, San Francisco	UN3-7980
Cal	Garland-Affolter	58 Sutter St, San Francisco, Cal	EX7-1800
Cal	Cornell-Dubilier Electric	4144 Glencoe Ave, Venice, Cal	UP0-6681
Cal	W Bert Knight Co.	10377 W. Pico Blvd, Los Angeles, Cal	BR2-0101
Colo	Gordon Moss Electronics Inc	1530 - 13th Ave, Greeley, Colo	EL3-1452
Conn	Abbott & Hustis	P.O Box 52, Ridgefield, Conn	ID8-0200
Fla	James Miller Associates	P O Box 1803, Winter Park	MI7-7407
Ga	James Millar Associates	1106 Peachtree St, N.E., Atlanta 9, Ga	TR6-0919
Ill	Cornell-Dubilier Electronics Div	2070 Maple St, Des Plaines	CY9-2711
Ind	Cornell-Dubilier Electronics Div	3835 N Cent Ave, Indianapolis	
Ind	Macmath, Schroeder & Loomis	833 E 64th St, Indianapolis 20	CL5-6770
Md	Stimson-Platt Associates	7509 Kreeger Dr, Adelphi	HE4-4128
Mass	Cornell-Dubilier	901 Providence Hwy, Norwood, Mass	NO7-6333
Mass	Cornell-Dubilier	1605 E. Rodney French Blvd, New Bedford, Mass	
Mass	Abbott & Hustis	1253 Highland Ave, Needham	HI4-5470
Mich	Cornell-Dubilier Electronics Div	18242 Wyoming Ave, Detroit	DI1-2384
Mich	Tani Enterprises	16254 Meyers Rd, Detroit 35, Mich	UN4-0736
Minn	The Neimann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-6457
Mo	McDowell-Redlingshafer	1101 E. Armour, Kansas City, Mo	WE1-5622
Mo	McDowell-Redlingshafer Sales Co	1101 E Armour, Kansas City	WE1-5622
NH	Consolidated Engrg Service Co.	Amherst, NH	MI575
NJ	Nelson-Platt Sales Co.	300 Marlton Pike, Erlton, NJ	NO3-1400
NY	Cornell-Dubilier Electronics Div	847 North Ave, E Syracuse	HO3-9237
NC	James Millar Associates	4023 Arborway, Charlotte, NC	EM6-2051
NC	James Millar Associates	4023 Arbor Way, Charlotte	EM6-2051
Ohio	Neal Bear Corp	3435 Streetsboro Rd, W. Richfield, Ohio	OL9-2332
Ohio	Cornell-Dubilier Electronics Div	2801 Far Hills Ave, Dayton	AX8-7224
Ore	Northwestern Agencies	2841 NW Quimby St. Portland 10	CA7-5014
Pa	Cornell-Dubilier	P.O.Box 1092, York, Pa	YO4-3665
Pa	Stimson-Platt Associates	227 Haverford Ave, Narberth	MO4-5511
Tex	Compton Sales Co	9032 Chancellor Row, Dallas 35, Tex	FL7-4095
Utah	Gordon Moss Electronics	1502 Preston St. Salt Lake City	HU5-2370
Wash	Northwestern Agencies	4130 1st Ave. S, Seattle 4	MA3-8842
Can	W T Barron	P O Box 127, Oakville, Ontario	VI5-2224
Can	Rutherford Agencies	305 Decarie Blvd, St Laurent 9, Que	RI8-6197
	CORNING GLASS WORKS, CORNING		
	ELECTRONIC COMPONENTS	**550 High St. Bradford, Pa**	**FO2-5571**
	L Satterlee #30 *800 G 175-220-265-280-320-450-800-900-1045-1150-1475-1875-1890-1895		
Ariz	Radio Specialties & Appliance Corp	Phoenix, Ariz	
Cal	Corning Glass Works	1355 Market St, San Francisco 3, Cal	MA1-8621
Cal	Corning Glass Works	420 S Euclid Ave, Anaheim	PR2-5400
Colo	Inter-State Radio & Supply Co.	Denver	
DC	Corning Glass Works	711 14th St, N.W., Wash 5, DC	EX3-5577
Fla	Electronic Supply Co	Melbourne, Fla	
Ga	Corning Glass Works	1401 Peachtree St, N.E., Atlanta 9, Ga	TR6-5906
Ill	Corning Glass Works	Merchandise Mart, Chicago 54, Ill	DE7-6600
Ind	Fort Wayne Electronics Supply	Fort Wayne, Ind	
Iowa	Deeco Inc	Cedar Rapids, Iowa	
La	Electronic Parts Corp	New Orleans, La	
Md	Kann-Ellert Electronics Inc	Baltimore, Md	
Mass	Cramer Electronics Inc	Boston, Mass	
Mich	Ferguson Electronic Supply Co	Detroit, Mich	
Minn	Stark Radio Supply Co	St. Paul, Minn	
NJ	General Radio Supply Co	Camden, NJ	
NM	Radio Specialties Co., Inc.	Alamogordo, NM	
NY	Corning Glass Works	717 Fifth Ave, New York 22, NY	PL3-1100
NY	Corning Glass Works	Corning	XN2-5011
NY	Corning Glass Works	James Loth St, Syracuse	GR4-5311
NC	Corning Glass Works	1415 Anderson Ave, Wilson	237-1649
NC	Dalton-Hege Radio Supply Co.	Winston-Salem, NC	
Ohio	Sun Radio Co., The	Akron, Ohio	
Okla	Oil Capitol Electronics Corp	Tulsa, Okla	
Ore	United Radio Supply Inc	Portland, Ore	

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Tenn	Electra Distributing Co	Nashville, Tenn	
Tex	Corning Glass Works	3702 Wesleyan St, Houston 27, Tex	MO5-7264
Tex	Corning Glass Works	9 Southland Center, Dallas 1, Tex	RI8-2436
Utah	Kimball Distributors	350 Pierpont Ave, Salt Lake City 1, Utah	
Va	Priest Electronics Inc	Norfolk, Va	
Wash	Seattle Radio Supply Inc	Seattle, Wash	
	CORNISH WIRE CO. DIV GENERAL CABLE CORP	**50 Church St. NY 7, NY**	**BA7-5140**
	J Baxter *500 185-190-375-1315-1960		
Ala	L Morris Landers	251 Spring St. SW, Atlanta, Ga	MU8-9112
Ariz	J M Fincke	1848 N Main St. LA, Cal	CA5-4226
Ark	L Brenner	305 Velasco, Houston, Tex	CA5-0766
Cal	John M Fincke	1848 N Main St. LA	CA5-4226
Colo	A J Nelson	710 E Louisiana St. Denver	PE3-5538
Conn	Mills Talbot & Co	1 Flint St. Rochester, NY	ID6-0990
Del	H G Anschutz	113-115 N 23rd St. Phila. Pa	LO4-0872
DC	H G Anschuetz	113-115 N 23rd St. Phila. Pa	
Fla	Edward Parker	2501 Beaumont, Kissimmee Highlands	
Ga	L Morris Landers	251 Spring St. SW, Atlanta	MU8-9112
Haw	John M Fincke	1848 N Main St. LA, Cal	CA5-4226
Idah	Sanderlin Co., The	129 1st Ave. W, Seattle, Wash	AT4-7777
Ill	R D Catellier	4901 W Fullerton Ave. Chicago	BE7-6450
Ind	Stout Electrical Sales Co	338 W 4th St. Cinc. Ohio	DU1-2744
Iowa	Heimann Co., The	1711 Hawthorne Ave. Mnpls. Minn	FE2-5457
Kan	Earl Wennberg	6636 Agnes, Kansas City 30, Mo	
Ky	Stout Electrical Sales	338 W 4th St. Cinc 2, Ohio	DU1-2744
La	Lund & Co	2215 N Olive St. Dallas, Tex	RI8-8839
Me	A Norden	PO Box 131, Jamaica Plain 30, Mass	JA4-1657
Md	V V Miller	PO Box 616, W Hyattsville	AP7-1877
Mass	A Norden	PO Box 131, Jamaica Plain 30	JA4-1657
Mich	Linder Assoc	3911 Joy Rd. Detroit	TY8-4100
Minn	Heimann Co., The	1711 Hawthorne Ave. Mnpls	FE2-5457
Miss	L Morris Landers	251 Spring St. SW, Atlanta, Ga	MU8-9112
Mo	W F Arbeiter	3721 Washington St. St Louis	
Mont	A J Nelson	710 E Louisiana St. Denver, Colo	PE3-5528
Neb	Heimann Co	1711 Hawthorne Ave. Mnpls. Minn	FE2-5457
Nev	A J Nelson	710 E Louisianna Steet, Denver, Colo	PE3-5528
NH	A Norden, Jr	54 Moraine St. Jamaica Plain, Mass	JA4-1657
NJ	H G Anschuetz	113-115 N 23rd St. Phila. Pa	LO4-0872
NM	A J Nelson	710 E Louisianna St. Denver, Colo	PE3-5528
NY	Dana Beach Anderson	101 Park Ave. NY	MU5-1776
NC	Paul Lumpkin	702 Builders Blvd. Charlotte	FR6-8428
ND	Heimann Co	1711 Hawthorne Ave. Mnpls. Minn	FE2-5457
Ohio	Everett Jones	4040 Mayfield Rd. Cleve	EV2-2221
Okla	Lund & Co	2215 N Olive St. Dallas, Tex	RI8-8839
Ore	Sanderlin Co	129 1st Ave. W, Seattle, Wash	AT4-7777
Pa	H G Anschuetz	113-115 N 23rd St. Phila	LO4-0872
RI	A Norden, Jr	54 Morrain St. Jamaica Plain, Mass	
SC	Paul Lumpkin	702 Builders Bldg. Charlotte, NC	
SD	Heimann Co	1711 Hawthorne Ave. Mnpls. Minn	
Tenn	L Morris Landers	251 Spring St. SW, Atlanta, Ga	
Tex	L Brenner	305 Velasco, Houston	
Utah	A J Nelson	710 E Louisianna, Denver, Colo	
Vt	A Norden, Jr	54 Morraine St. Jamaica Plain, Mass	
Va	H G Anschuetz	113-115 N 23rd St. Phila. Pa	
Wash	Sanderlin Co	129 1st Ave. W, Seattle	
W Va	Barger & Martin	PO Box 10353, Pittsbgh. Pa	LO3-5578
Wis	Heimann Co	1711 Hawthorne Ave. Mnpls. Minn	
Wyo	A J Nelson	710 E Louisianna St. Denver, Colo	
	CORNWELL ELECTRONICS CORP	**84 S. Water St, Byram, Conn**	**JE1-6800**
	L Cornwell #2 *12 A 320-895-1340-1855		
Conn	Dittman & Greer, Inc	S Main St Ex, Middletown, Conn	DI6-9606
	CORRUGATED PAPER PRODUCTS INC	**2233 Utica Ave, Brooklyn 34, NY**	**ES7-6112**
	L Wagner #2 135-1220-1230		
	• CORSON ELECTRIC MFG CORP	**540 39th St, Union City, NJ**	**UN6-4227**
	R Bass #4 *30 C 220-1855		
Cal	Thomas L Stevens Co	15222 S. Grevillea Ave, Lawndale, Cal	OS9-1419
Mass	Goode Associates	P.O. Box 176, Wellesley Hills 81, Mass	CE5-0552
NY	Young Associates	907 Monroe Ave, Rochester 20, NY	BR1-2136
	CORTLAND INDUSTRIES, INC	**4545 W Cortland St. Chicago 39, Ill**	**CA7-1500**
	J Kasper *200 D 175-620-660-750-895-1190-1290-1605-1785-1890-1940		
Ark	Bob Klorer	7500 Natural Bridge, St Louis, Mo	EV1-6530
Conn	Temco, Inc	10 Tanner St. Haddonfield, NJ	HA8-4400
Del	Temco, Inc	10 Tanner St. Haddonfield, NJ	HA8-4400
DC	Temco, Inc	10 Tanner St. Haddonfield, NJ	HA8-4400
Ind	Queisser Bros	110 E 9th St. Indpls	ME5-2458
Kan	Bob Klorer	7500 Natl Bridge Rd, St. Louis, Mo	EV1-6530
Ky	R A Staff Co	1213 W. 3rd St. Cleveland 13, Ohio	MA1-4063
Mass	Temco Inc	10 Tanner St, Haddonfield, NJ	HA8-4400
Mich	J C Sales Co	215 W. First St. Flint, Mich	CE5-0625
Mo	Bob Klorer	7500 Natl Bridge Rd, St. Louis, Mo	EV1-6530
NY	Bowser & Sapecky	2070 Sheridan Dr, Kenmore 23, NY	DE0484
	COSA CORP	**405 Lexington Ave, New York 17, NY**	**YU6-9696**
	W Anderson #8 *75 E 895-1075		
Ala	D G Machinery & Gage Co	2828 NE Freeway, Atlanta 24, Ga	636-5511
Ariz	Wolf Machinery Co	500 W Washington Blvd. Montebello, Cal	OV5-8941
Cal	Wolf Machinery Co	500 W Washington Blvd. Montebello	OV5-8941
Colo	R E Duboc Assoc	2353 S Broadway, Denver 10	RA2-4608
Conn	Cosa Corp of Conn	58 Jeffrey Ln. Meriden	BE7-2500
DC	Wm E Summerbell Co	DuPont Circle Bldg, Wash 6, DC	HU3-3354
Fla	Roland P Jotterand Co, Inc	PO Box 1887, Sarasota	RI6-2944
Ga	D G Machinery & Gage Co	2828 NE Freeway, Atlanta 24	636-5511
Idah	Todd Machinery Co	165 S 4th W, Salt Lake City 1, Utah	DA2-4663
Ill	Machinery Intl Inc	315 S. Green St, Chicago, Ill	FR2-2949
Ill	Machinery Intl, Inc	315 S Green St. Chicago 7	FR2-2949
Ind	Laidlaw Co., The	11 W 17th St. Indpls 2	WA3-7251
Ind	The Laidlaw Co	11 W. 17 St, Indianapolis 2, Ind	WA3-7251
Iowa	Machinery Intl Inc	315 S. Green St, Chicago, Ill	FR2-2949
Iowa	Machinery Intl, Inc	315 S Green St. Chicago 7, Ill	FR2-2949
Kan	Leo Hoey Machine Co	5814 Russell St. Mission	HE2-0118
Ky	Laidlaw Co., The	11 W 17 St. Indpls 2, Ind	WA3-7251

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Me	Cosa Corp-New England	Box 727, Walpole, NH	SK6-3222
Md	Wm E Summerbell Co	Dupont Circle Bldg, Wash 6, DC	HU3-3354
Mass	Cosa Corp-New England	Box 727, Walpole, NH	SK6-3222
Mich	Machinery Intl, Inc	315 S Green St. Chicago 7, Ill	FR2-2949
Mo	Service Supply Co	640 Atlanta Ave. Webster Groves 19	WO1-7688
Mont	Todd Machinery Co	165 S 4th W, Salt Lake City 1, Utah	DA2-4663
Neb	Leo Hoey Machine Co	5814 Russell St. Mission, Kan	HE2-0118
Nev	Merryweather Machinery Corp	689 Old Bayshore Hwy, Redwood City, Cal	EM9-3771
NH	Cosa Corp-New England	Box 727, Walpole, NH	SK6-3222
NJ	Al Lambert	28 Ravenhurst Ave, Staten Island, NY	GI2-1941
NM	R E Duboc Assoc	2353 S Broadway, Denver 10, Colo	RA2-4608
NC	Wm E Summerbell Co	Dupont Circle Bldg, Wash 6, DC	HU3-3354
ND	Martin Machine Tool Co	2817 Hennepin Ave. Mnpls 8, Minn	TA7-4703
Ohio	Cosa Corp of Ohio	PO Box 9697, Cleveland 40	TR1-0820
Ore	Portland Machinery Co., The	208 SW 1st Ave. Portland 4	CA8-9633
Pa	A Lambert	28 Ravenhurst Ave. Staten Island, NY	GI2-1941
RI	Cosa Corp-New England	Box 727, Walpole, NH	SK6-3222
SD	Martin Machine Tool Co	2817 Hennepin Ave. Mnpls 8, Minn	TA7-4703
Tenn	D G Machinery & Gage Co	2828 NE Freeway, Atlanta 24, Ga	636-5511
Utah	Todd Machinery Co	165 S 4th W, Salt Lake City 1	DA2-4663
Vt	Cosa Corp-New England	Box 727, Walpole, NH	SK6-3222
Va	William E Summerbell Co	Dupont Circle Bldg, Wash 6, DC	HU3-3354
Wash	Tyee Machinery Co	1924 1st Ave, S., Seattle 4	MU2-5881
Wisc	Machinery International	350 S. Green St, Chicago, Ill	FR2-2949
Wyo	Todd Machinery Co	165 S 4th W, Salt Lake City, Utah	DA2-4663
	COSMIC INC	**3206 Grace St. Wash, DC**	
	250-290-670-895-915-1060-1395		
	• COSMIC RADIO CORP	**853 Whittier St. NY 59, NY**	**LU9-3360**
	220		
	COSMIC TECHNOLOGICAL CORP	**1028 Conn. Ave. Wash. 6, DC**	**ME8-2620**
	B 10-220-895-1075-1120		
	COSMO PLASTICS CO	**3239 W. 14 St, Cleveland, Ohio**	**TO1-5596**
	#4 *70 E 120-175-715-770-1285-1290-1940		
Ala	V Avis McCorvey Co	2248 3rd St NW, Birmingham, Ala	DR7-6167
Ariz	Electrical Specialty Co	Box 232, Phoenix, Ariz	AL2-2107
Cal	Electrical Specialty Co	158-168 11th St, San Francisco 3, Cal	HE1-8450
Cal	Electrical Specialty Co	2820 E. 12th St, Los Angeles, Cal	AN9-9511
Colo	Electrical Specialty Co	2026 Arapahoe St, Denver 5, Colo	CH4-4588
Conn	R H Whitehead Jr Associates	57 Whitfield St, Guilford, Conn	GL3-3762
Del	John J Nolan & Associates	314 W. Sparks St, Philadelphia, Pa	WA4-1595
DC	John J Nolan & Associates	314 W. Sparks St, Philadelphia, Pa	WA4-1595
Fla	V Avis McCorvey Co	708 San Juan Blvd, Orlando, Fla	
Ga	V Avis McCorvey Co	2469 N Decatur Rd, Decatur, Ga	636-2502
Idaho	Electrical Specialty Co	158-168 11th St, San Francisco 3, Cal	HE1-8450
Ill	Arthur J Ellis Co	1607 Howard St, Chicago 26, Ill	AM2-2708
Ind	Arthur J Ellis Co	1607 Howard St, Chicago 26, Ill	AM2-2708
Md	John J Nolan & Associates	314 W. Sparks St, Philadelphia, Pa	WA4-1595
Mass	R H Whitehead, Jr, Assoc	2 Brimmer St, Boston, Mass	CA7-2390
Mich	Gitre Co., Inc	12909 W. 8 Mile Rd, Detroit 35, Mich	DI1-9720
Minn	The SKB Co	2810 22nd Ave S, Minneapolis, Minn	PA2-1226
Mo	Hippler Sales Co	1135 Cheshire Ln, Webster Groves 19, Mo	WO1-8499
Mont	Electrical Specialty Co	2026 Arapahoe St, Denver 5, Colo	CH4-4588
Nev	Electrical Specialty Co	158-168 11th St, San Francisco 3, Cal	HE1-8450
NJ	John J Nolan & Associates	314 W. Sparks St, Philadelphia, Pa	WA4-1595
NJ	Reed & Riddett Co	19 Sylvan Ave, Englewood Cliffs, NJ	WI7-0100
NY	G J Andres	Box 3803, Brighton Sta, Rochester, NY	BR1-2200
NY	Reed & Riddett Co	19 Sylvan Ave. Englewood Cliffs, NJ	WI7-0100
Ohio	G L Herrick Co	21139 Lorain Ave, Cleveland, Ohio	ED1-9144
Ore	Electrical Specialty Co	1822 NW 25th St, Portland, Ore	CA7-3601
Pa	John J Nolan & Associates	314 W. Sparks St, Philadelphia, Pa	WA4-1595
RI	R H Whitehead Jr Associates	57 Whitfield St, Guilford, Conn	GL3-3762
SD	The SKB Co	2810 22nd Ave S, Minneapolis, Minn	PA2-1226
Utah	Electrical Specialty Co	2026 Arapahoe St, Denver 5, Colo	CH4-4568
Va	Allie B Kreger	Box 1971, Roanoke, Va	DI2-1264
Wash	Electrical Specialty Co	2442 1st Ave S, Seattle, Wash	MU2-3434
Wisc	Arthur J Ellis Co	1607 Howard St, Chicago 26, Ill	AM2-2708
Wyo	Electrical Specialty Co	2026 Arapahoe St, Denver 5, Colo	CH4-4588
Canada	Alec W Andrews	1239 Tecumseh Pk, Port Credit, Ont, Can	EM6-0787
	• COSTELOW CO., INC	**125 Kansas Ave, Topeka, Kan**	**CE3-6598**
	J Costelow #4 *24 D 45-1170-1835		
	• COTO-COIL CO., INC	**65 Pavilion Ave, Providence 5, RI**	**WI1-3355**
	M Mosler #2 *65 C 320		
	• COTTRELL PAPER CO., INC	**10 Purchase St, Fall River, Mass**	**OS3-1191**
	J Cottrell, Jr 900		
Ala	Electric Motor Materials Inc	203 Virginia St. Mobile	HE2-1612
Cal	Tri-State Supply Corp	544 S San Pedro St. LA 13	MA8-2354
Cal	Tri-State Supply Corp	554 Bryant St. SF 7	EX2-8890
Colo	Electric Motor Supply Co	1646 Blake St. Denver 2	CH4-4425
Conn	John A Jones	100 Boxwood Drive, Stamford	DA3-2251
Ga	Brownell Inc of Atlanta	690 Murphy Ave. SW, Atlanta	PL5-1681
Ga	Electrical Insulation Suppliers, Inc	500 Means St. NW, Atlanta 18	JA5-2707
Ill	Federal Insulation Co	549 W Randolph St. Chicago 6	CE6-7704
Mass	Insulating Fabricators of New England	69 Grove St. Watertown 72	WA3-9800
Mass	Brownell Inc of New England	271 Vassar St. Cambridge	UN4-7500
Minn	D A Schultz Co	801 SE 8th, Mnpls 14	FE9-7701
Mo	Dale J Painter Co	PO Box 3434 Richmond Heights St Louis	MI7-3937
Mo	White Supply Co	4343-4347 Duncan Ave. St Louis	FR1-2616
NJ	Chalker Insulation Co	PO Box 194, Woodbridge	CH7-0654
NJ	Electric Motors & Parts Corp	392 Clinton Ave. Newark 8	BI3-3918
NJ	Insulating Fabricators, Inc	150 Union Ave. E Rutherford	WE9-7392
NY	Brownell, Inc	85 10th Ave. NY 11	WA4-6000
NY	A W Schmitz, Jr	84 St Paul St. Rochester 4	HA6-3090
Ohio	C J Voneman Co	14714 Detroit Ave. Cleve 7	AC1-2800
Okla	Butts Electric	101 N Pennsylvania, Oklahoma City	CE9-1311
Okla	John H Cole Co	1811 NW 1st, Oklahoma City 4	CE2-3171
Pa	Electrical Maintenance Equipment Co	917 N Broad St. Phila	CE6-7100
Pa	Herbert J Graham	10 Roxbury Rd. Wilkinsburg, Pittsbgh 21	PE1-9975
Tex	Electrical Supply Corp	1101 McKinney Ave. Dallas	RI1-1652
Tex	Houston Industrial Supply Co	P O Box 2106, Houston 3	CA8-6663
Tex	Summers Electric Co	1502 Good-Latimer Expressway, Dallas	HA8-1502
Utah	J R Christensen Agency	247 E 5th S, Salt Lake City 11	EM3-4419
Wash	Tri-State Supply Corp	325 Westlake Ave. N, Seattle 4	MA2-4161
Wis	Special Electric Co	3116 W Cherry St. Milwaukee 45	DI2-6960

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Can	Burlin Gillies & Co Ltd	69 John St. Hamilton, Ont	JA2-1331
Can	Electric Insulation & Fibre Co Ltd	24 Mendota Rd. Toronto 14, Ont	CL1-1174
For	Clark Wright Corp	2311 Whitney Ave. New Haven, Conn	AT8-1638
	• COUCH ORDNANCE, INC	**3 Arlington St. North Quincy 71, Mass**	**CY8-4147**
	B Grey #5 *110 E 1460-1735		
Ala	Roy Attaway Co	2315 Bob Wallace Ave. SW, Huntsville	534-2811
Ariz	Garnett Young & Co	1401 N 32nd St. Phoenix	BR5-7526
Cal	Garnett Young & Co	3775 S. Broadway, Los Angeles, Cal	AD1-4337
Cal	Garnett Young & Co	330 Fourth St, San Francisco, Cal	DO2-4220
Conn	Connecticut Valley Enterprises, Inc	PO Box 188, Essex	SO7-1128
Fla	Roy Attaway Co	711 Magnolia Ave. Orlando	GA4-9983
Ill	L E Falkenberg & Assoc	6031 N Higgins Ave. Chicago 31	RO3-1844
Minn	Hamilton & Bayle Assoc	3351 Republic Ave. Mnpls 26	WE9-7181
Mo	Penn Sales Co	12911 Chambers Ln. St Louis 41	HE2-4445
Ohio	Robert R Stone & Associates	1921 Lee Rd, Cleveland Heights 18, Ohio	ER1-4484
Ohio	Robert R Stone & Associates	384 W. First St, Dayton 2, Ohio	BA4-7282
Ore	Garnett Young & Co	1231 N.W. Glisan St, Portland 9, Ore	CA7-2301
Pa	Robert B Stone & Associates	239 Fourth Ave, Pittsburgh 22, Pa	CO1-3870
Pa	Technicraft	6222 Ridge Ave. Phila 28	IV2-2323
Tex	Thomson Eng Service	2520 Oak Lawn, Dallas 19	LA6-8741
Utah	Applied Eng Prods Co	405 Felt Bldg, Salt Lake City 11	EM4-4942
Wash	Garnett Young & Co	1928 First Ave. S, Seattle 4	MA3-0123
Can	Leonard Electric Ltd	346 Bering Ave. Toronto 18, Ont	BE9-2755
Sweden	Bo Pamblad Aktiebolag	Hornsgatan 58, Stockholm	Ex44-92-95
	COURTER PRODUCTS, DIV. MODEL ENG & MFG INC	**375 N Lake St. Boyne City, Mich**	**JU2-6526**
	W Tedter #7 *150 E 35-330-780-895-1745		
	COX & CO., INC	**115 E. 23rd St, New York 10, NY**	**OR4-4727**
	D Cox #10 *135 E 30-575-1215		
Ariz	Jackson Edwards Co	4101 Lankershim Blvd, N. Hollywood, Cal	ST7-9603
Cal	Jackson Edwards Co	4101 Lankershim Blvd, N. Hollywood, Cal	ST7-9603
Colo	Bennett & Assoc	2820 W 17 Ave. Denver 4	MA3-0913
Conn	R W Ayer	Cold Spring Harbor, NY	HA6-0541
Del	Andrew A Foley Associates	P.O. Box 155, Moorestown, NJ	NO3-4545
Idah	Assoc Industries	1752 Ranier Ave. Seattle, Wash	EA5-4400
Kan	Associated Industries Inc	455 S. Washington, Wichita 2, Kan	HO4-0391
Me	R W Ayer	Cold Spring Harbor, NY	HA6-0541
Md	Andrew A Foley Associates	P.O. Box 155, Moorestown, NJ	NO3-4545
Mass	R W Ayer	Cold Spring Harbor, NY	HA6-0541
Mo	Associated Industries	455 S. Washington, Wichita 2, Kan	HO4-0391
NH	R W Ayer	Cold Spring Harbor, NY	HA6-0541
NJ	L C Sanford	202 Woodland Ave, Rutherford, NJ	WE9-0979
NJ	Andrew A Foley Associates	P.O. Box 155, Moorestown, NJ	NO3-4545
NY	L C Sanford	202 Woodland Ave, Rutherford, NJ	WE9-0979
NY	R W Ayer	Cold Spring Harbor, NY	MY2-6375
NY	Lenard Co	132 Burnet Ave, Syracuse 3, NY	GR9-9191
Okla	Assoc Industries	455 S Washington, Wichita 2	HO4-0319
Ore	Associated Industries	1752 Rainier Ave, Seattle, Wash	EA5-4400
Pa	Andrew A Foley Associates	P.O. Box 155, Moorestown, NJ	NO3-4545
RI	R W Ayer	Cold Spring Harbor, NY	MY2-6375
Tex	Associated Industries	455 S. Washington, Wichita 2, Kan	HO4-0391
Utah	Bennett & Assoc	2820 W 17 Ave. Denver 4, Colo	MA3-0913
Vt	R W Ayer	Cold Spring Harbor, NY	MY2-6375
Wash	Associated Industries	1752 Rainier Ave, Seattle, Wash	EA5-4400
	COX MFG CO	**807 Fredericksburg, San Antonio 1, Tex**	**PE2-7881**
	W Cox *30 C 135-175-895-990-1120-1125-1205-1290-1305-1940		
	CRAFTINT MFG CO	**18501 Euclid Ave. Cleveland 12, Ohio**	**IV6-4400**
	N Combs #1 *200 525		
Ill	Craftint Mfg Co	325 W. Ohio St, Chicago 10, Ill	WH4-4155
NY	Craftint Mfg Co	50-18 Vernon Blvd, Long Island City	ST4-7045
	CRAIG SYSTEMS INC	**360 Merrimack, Lawrence, Mass**	**MU8-6961**
	G Barrett #20 *620 G 45-135-180-1220-1390-1425-1570-1840		
Cal	John Croft	6214 W. Manchester Ave, Los Angeles 45	SP6-0025
DC	Michael J MacDonald	1028 Conn Ave, N.W., Wash DC	DI7-1575
Tex	Walter Bigger	6300 N. Central Expwy, Dallas	EM1-5522
	CRAMER CONTROLS CORP	**Box 13, Centerbrook, Conn**	**SO7-8255**
	W James #30 *330 E 330-360-895-1075-1165-1460-1735-1810		
Ala	Allen C Craft Jr	3130 Maple Dr. NE, Atlanta, Ga	CE3-9944
Ariz	Cramer Controls Corp	13113 Ventura Blvd. Studio City, Cal	TR3-4865
Ark	Engineered Instrument Sales	Box 9947, Memphis 12, Tenn	FA3-1275
Cal	Thomas Shiell	1205 Middle Ave. Menlo Park	DA2-7765
Cal	Cramer Controls Corp	13113 Ventura Blvd. Studio City	TR3-4865
Colo	Allen I Williams Co	2261-2263 S Albion St. Denver 22	SK6-9043
Del	John C Whiddett Co	7714 W Chester Pike, Upper Darby, Pa	TR8-6400
DC	L G White & Co	880 Bonifant St. Silver Spring, Md	JU5-3141
Fla	Ludlum Assoc. Co	4471 N W 36th St. Miami Springs, Fla	TU5-3611
Ga	Allen C Craft Jr	3130 Maple Dr. NE, Atlanta	CE3-9944
Idah	Eicher & Co	5 W Harrison St. Seattle 99, Wash	AT4-1811
Idah	Allen I Williams Co	2261-2263 S Albion St. Denver 22, Colo	SK6-9043
Ill	Cramer Controls Corp	6120 W North Ave. Chicago 39	ME7-7502
Ind	Hoenig Sales Co	Butler Ct. Ft. Wayne	AN2083
Iowa	Norman W Kathrinus & Co	4356 Duncan Ave. St Louis 10, Mo	OL2-7005
Kan	Norman W Kathrinus & Co	4306 Cambridge Ave. Kansas City	JO2-4208
Ky	Hoenig Sales Co	Butler Ct. Ft. Wayne, Ind	AN2083
La	Mid-South Sales Co. Inc	4424-B Earhart Blvd. New Orleans	TU4684
Me	Cramer Controls Corp	30 Park Ave. Arlington, Mass	MI8-1266
Md	L G White & Co	880 Bonifant St. Silver Spring	JU5-3141
Mass	Cramer Controls Corp	30 Park Ave. Arlington	MI8-1266
Mich	S Sterling Co	15310 W McNichols Rd. Detroit 35	BR3-2900
Minn	Robert W Marshall	6106 Excelsior Blvd. Minneapolis	WE9-6444
Miss	Engineered Instrument Sales Co	Box 9947, Memphis 12, Tenn	FA3-1275
Miss	Mid-South Sales Co. Inc	4424-B Earhart Blvd. New Orleans, La	TU4684
Mo	Norman W Kathrinus & Co	4356 Duncan Ave. St Louis 10	OL2-7005
Neb	Norman W Kathrinus & Co	4356 Duncan Ave. St Louis 10, Mo	OL2-7005
Neb	Allen I Williams Co	2261-2263 S Albion St. Denver 22, Colo	SK6-9043
Nev	Thomas Shiell	1205 Middle Ave. Menlo Park, Cal	DA2-7765
NH	Cramer Controls Corp	30 Park Ave. Arlington, Mass	MI8-1266
NJ	Cramer Controls Corp	35 Liberty Rd. Bergenfield	DU4-8585
NM	Allen I Williams Co	3221 Silver Ave. SE, Albuquerque	AL5-9632
NY	Cramer Controls Corp	35 Liberty Rd. Bergenfield, NJ	DU4-8585
NC	L G White & Co	880 Bonifant St. Silver Spring, Md	JU5-3141

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
ND	Robert W Marshall	6106 Excelsior Blvd, Minneapolis, Minn	WE9-6444
Ohio	McVay Eqpt Co	4850 Cooper Rd, Cincinnati 42, Ohio	TW1-7122
Ohio	Martin-Rettger Inc	11955 Shaker Blvd, Cleveland 20	SW1-8787
Okla	Robert E Nesbitt Co	5925 Cedar Springs, Dallas 1, Tex	RI7-5824
Ore	Eicher & Co	5 W Harrison St, Seattle 99, Wash	AT4-1811
Pa	Walter N Lenka	530 6th Ave, Pittsburgh 19	GR1-0490
Pa	John C Whitbeck Co	7714 W Chester Pike, Upper Darby	TR6-6400
SC	Mid-South Sales Co, Inc	4424-B Earhart Blvd, New Orleans, La	TU1684
SD	Robert W Marshall	6106 Excelsior Blvd, Minneapolis, Minn	WE9-6444
Tenn	Engineered Instrument Sales	Box 9947, Memphis 12	FA3-1275
Tex	Robert E Nesbitt Co	5925 Cedar Springs, Dallas 1	RI7-5824
Tex	Ind. Eqpt. Co. of Houston	4831 Navigation Blvd, Houston	WA8-5431
Utah	Allen I Williams Co	273 E 4th St, Salt Lake City	EM4-6844
Vt	Crosser Controls Corp	30 Park Ave, Arlington, Mass	MI8-1266
Va	L G White & Co	880 Bonifant St, Silver Spring, Md	JU5-3141
Wash	Eicher & Co	5 W Harrison St, Seattle 99	AT4-1811
W Va	Walter N Lenka	530 6th Ave, Pittsburgh 19, Pa	GR1-0490
Wis	Gordon Hatch Co, Inc	531 W Wisconsin Ave, Milwaukee	BR1-3021
Wyo	Allen I Williams Co	2261-2263 S Albion St, Denver 22, Colo	SK6-9043
Can	Power Service Products	428 Vaughan Rd, Toronto 10, Ont	RU1-3447
Can	Pacific Controls Ltd	1042 Davie St, Vancouver 5, BC	MU3-6821
For	Clark Wright Corp	2211 Whitney Ave, New Haven, Conn	AT8-1638

CRAMER POSTURE CHAIR CO — 1205 Charlotte St, Kansas City 6, Mo
90

CRANE PACKING CO — 6402 W Oakton St, Morton Grove, Ill — YO6-6400
*1000 1290

CRATEX MFG CO., INC — 1600 Rollins Rd, Burlingame, Cal — OX7-1600
*12 C [illegible]

TERR			TEL. NO.
Ariz	Federated Sales Co	5921 N. Temple City Blvd, Temple City, Cal	AT6-4136
Cal	Federated Sales Co	5921 N. Temple City Blvd, Temple City	AT6-4136
Conn	Smith & Kleines Inc	25 Sylvan St, New Britain, Conn	BA9-[illegible]
Ill	Dowd Inc	3756 N. Devon Ave, Chicago 45, Ill	DR3-5490
Ind	Dowd Inc	3756 N. Devon Ave, Chicago 45, Ill	DR3-5490
Iowa	Dowd Inc	3756 N. Devon Ave, Chicago 45, Ill	DR3-5490
Kan	Dowd Inc	3756 N. Devon Ave, Chicago 45, Ill	DR3-5490
Me	John R Perry Inc	135 Pearl St, Boston, Mass	LI2-5181
Mass	John R Perry Inc	135 Pearl St, Boston, Mass	LI2-5181
Mich	Dowd Inc	3756 N. Devon Ave, Chicago 45, Ill	DR3-5490
Minn	Dowd Inc	3756 N. Devon Ave, Chicago 45, Ill	DR3-5490
Mo	Dowd Inc	3756 N. Devon Ave, Chicago 45, Ill	DR3-5490
Neb	Dowd Inc	3756 N. Devon Ave, Chicago 45, Ill	DR3-5490
NH	John R Perry Inc	135 Pearl St, Boston, Mass	LI2-5181
NJ	Precision Supply Inc	292 Belmont Ave, Paterson, NJ	LA5-7492
NY	Precision Supply Inc	292 Belmont Ave, Paterson, NJ	LA5-7492
Ohio	Dowd, Inc	3756 W Devon Ave, Chicago 45, Ill	DR3-5490
Wisc	Dowd Inc	3756 W Devon Ave, Chicago 45, Ill	DR3-5490

CRESCENT ENGINEERING & RESEARCH CO — 5440 N. Peck Rd, El Monte, Cal — GI4-0528
L Noble #14 *100 E 345-470-895-1850

TERR			TEL. NO.
Ala	E C Raymond & Associates	Madeira Beach, Fla	WA1-9735
Ariz	R A Mayes Co	PO Box 3633, El Paso, Tex	LY8-2982
Cal	C R Dalton Assoc	1017 Laurel St, San Carlos	LY1-2654
Colo	Price Eng Sales	PO Box 421, Littleton	PY4-6367
Conn	Brierley, Davis Co	332 Springfield Ave, Summit, NJ	CR3-7300
Del	Brierley, Davis Co	332 Springfield Ave, Summit, NJ	CR3-7300
DC	Brierley, Davis Co	332 Springfield Ave, Summit, NJ	CR3-7300
Fla	E C Raymond & Associates	Madeira Beach, Fla	WA1-9735
Ga	E C Raymond & Associates	Madeira Beach, Fla	WA1-9735
Idaho	Avionics Liaison Inc	Boeing Field, Seattle 8, Wash	PA3-7602
Ind	Custom Engineering	2975 Far Hills, Dayton 19, Ohio	AX6-5246
Ky	Custom Engineering	2975 Far Hills, Dayton 19, Ohio	AX6-5246
Me	Brierley, Davis Co	332 Springfield Ave, Summit, NJ	CR3-7300
Md	Brierley, Davis Co	332 Springfield Ave, Summit, NJ	CR3-7300
Mass	Brierley, Davis Co	332 Springfield Ave, Summit, NJ	CR3-7300
Mich	Hector Delbridge	572 S. Wilson, Royal Oak, Mich	LI8-4190
Mont	Avionics Liaison Inc	Boeing Field, Seattle, Wash	PA3-7602
Nev	C R Dalton Assoc	1017 Laurel St, San Carlos, Cal	
NH	Brierley, Davis Co	332 Springfield Ave, Summit, NJ	CR3-7300
NJ	Brierley, Davis Co	332 Springfield Ave, Summit, NJ	CR3-7300
NM	R A Mayes Co	PO Box 3633, El Paso, Tex	LY8-2982
NY	Brierley, Davis Co	332 Springfield Ave, Summit, NJ	CR3-7300
NC	E C Raymond & Associates	Madeira Beach, Fla	WA1-9735
Ohio	Custom Engineering	2975 Far Hills, Dayton 19, Ohio	AX6-5246
Ore	Avionics Liaison Inc	Boeing Field, Seattle, Wash	PA3-7602
Pa	Brierley, Davis Co	332 Springfield Ave, Summit, NJ	CR3-7300
RI	Brierley, Davis Co	332 Springfield Ave, Summit, NJ	CR3-7300
SC	E C Raymond & Associates	Madeira Beach, Fla	WA1-9735
Tex	Howell Sales	Grand Prairie	
Tex	R A Mayes Co	Box 3633, El Paso	LY8-2982
Utah	Price Eng Sales	PO Box 421, Littleton, Colo	PY4-6367
Utah	Avionics Liaison Inc	Boeing Field, Seattle, Wash	PA3-7602
Vt	Brierley, Davis Co	332 Springfield Ave, Summit, NJ	CR3-7300
Va	Brierley, Davis Co	332 Springfield Ave, Summit, NJ	CR3-7300
Wash	Avionics Liaison Inc	Boeing Field, Seattle, Wash	PA3-7602
Canada	Electrodesign	738 Notre Dame St, W., Montreal, Canada	UN6-7367
For	Sylvan Ginsbury	8 W 40th St, NY 18, NY	

CRESTMONT ELECTRONICS — 2201 W Burbank Blvd, Burbank, Cal — VI9-6481
R Long #2 *5 A 275-330-360-895-1810

TERR			TEL. NO.
Cal	Wright Eng Co	180 E California St, Pasadena	MU1-8488

CRITTENDEN TRANSFORMER WORKS INC — 13011 S. Spring St, Los Angeles 61, Cal — FA1-4355
E Kinsy #5 *52 D 320-880-1855

CROCKER, BURBANK PAPERS INC — Fitchburg, Mass — DI3-3051
J McClellan, Jr *1500 G 900

TERR			TEL. NO.
Cal	Heim & Scheer	3960 Barham Blvd, Hollywood 28, Cal	HO2-7357
Ill	Leroy Eschner	20 N Wacker Dr, Chicago 6, Ill	CE6-1533
NY	Crocker, Burbank Papers Inc	475 Fifth Ave, New York 17, NY	LE2-4324

CROMPTON & KNOWLES PACKAGING CORP — Berkshire St, Holyoke, Mass — JE4-5681
L Kniffin Jr #30 *250 E 1225

TERR			TEL. NO.
Fla	L F Shattuck Co., The	622 7th St, NE, Winter Haven	CY3-5458
Ga	L F Shattuck Co., The	117 Coshica Dr. NW, Atlanta 5	436-2369
Ill	Crompton & Knowles Pkg Corp	3000 St Charles Rd, Bellwood	LI4-7100
NJ	Crompton & Knowles Pkg Corp	30 Elm St, Westfield	AD2-9119
Ohio	Crompton & Knowles Pkg Corp	3537 Lee Rd, Cleveland 20	LO1-0770
Tex	Bill Allen & Assoc	3338 Rosser Ln, Dallas 29	EM8-5644
Can	Packaging Eqpt Service Ltd	124 Willowdale St, Willowdale, Tor	BA1-3454
Can	Packaging Eqpt Service Ltd	6231 Monsabre St, Montreal, Que	RE9-6621

CRONAME INC — 6201 Howard St, Chicago 48, Ill — SP4-2100
180-230-280-360-535-625-765-895-980-965-1095-1100-1120-1190-1245-1295-1605

TERR			TEL. NO.
Cal	J T Rietz	Box 766, Hollywood 28	NO1-4200
Conn	Wm T Kelly & Co.	77 Lowell St, Beverly, Mass	WA2-0065
Del	M W Nosek	Box 235, Chalfont, Pa	TU7-7294
DC	M W Nosek	Box 235, Chalfont, Pa	TU7-7294
Ind	H R Whitacre	5601 College Ave, Indianapolis 20	CL5-5946
Iowa	R D Lee	3403 Terrace Hills Dr, Cedar Rapids	EM3-7247
Md	M W Nosek	Box 235, Chalfont, Pa	TU7-7294
Mass	Wm T Kelly & Co	77 Lowell St, Beverly	WA2-0065
Mich	King Gates Associates	13823 Puritan Ave, Detroit 38	UN1-6900
Minn	The Hermann Co	1711 Hawthorne Ave, Mnpls 3, Minn	FE2-5457
Mo	M C Whitacre	13041 Vincent Dr, St. Louis 38	[illegible]
NH	Wm T Kelly & Co	77 Lowell St, Beverly, Mass	WA2-0065
NJ	J O Smith	P. O. Box 504, Short Hills, NJ	DR6-2666
NY	J O Smith	Box 504, Short Hills, NJ	DR6-2666
NY	W L Raymer	Box 243, Dewitt 14, NY	GI6-0133
Ohio	R L Callahan	3258 Campus Dr, Dayton 6	CR5-9002
Ohio	G O Buffington	1.54 Hanna Bldg, Cleveland 15	CH1-2960
Okla	Croname Inc	6201 Howard St, Chicago 48, Ill	NI7-6100
Pa	M W Nosek	Box 235, Chalfont, Pa	VA2-0521
Pa	G O Buffington	1.54 Hanna Bldg, Cleveland 15, Ohio	CH1-2960
RI	Wm T Kelly & Co	77 Lowell St, Beverly, Mass	WA2-0065
Va	M W Nosek	P. O. Box 235, Chalfont, Pa	VA2-0521
Canada	Croname (Canada) Ltd	Waterloo, Quebec, Canada	245

CROSBY-TELETRONICS CORP — 54 Kinkel St, Westbury, NY — ED3-1027
F White #12 *150 E 325-365-635-895-1425-1675-1810-1870-1895

TERR			TEL. NO.
Ariz	W K Geist Co	3777 Glendale Blvd, Los Angeles 39, Cal	NO5-1195
Cal	W K Geist Co	3777 Glendale Blvd, Los Angeles 39	NO5-1195
Cal	J K Dooley Co	3125 Western Ave, Seattle 1, Wash	AT4-8313
Conn	Richard F MacDowell Co., Inc	Box 102, Melrose 76, Mass	NO5-8893
DC	Brimberg Associates	225 Investment Bldg, Washington 5, DC	DI7-0990
Me	Richard F MacDowell Co., Inc	Box 102, Melrose 76, Mass	NO5-8893
Md	Brimberg Associates	225 Investment Bldg, Washington 5, DC	DI7-0990
Mass	Richard F MacDowell Co., Inc	Box 102, Melrose 76, Mass	NO5-8893
Mich	Electro Mec Associates	4812 E. Nine Mile Rd, Warren, Mich	JE6-1000
Nev	W K Geist Co	3777 Glendale Blvd, Los Angeles 39, Cal	NO5-1195
NH	Richard F MacDowell Co., Inc	Box 102, Melrose 76, Mass	NO5-8893
NJ	George F Landfear	P. O. Box 68, Nutley 10, NJ	NO7-2900
NM	W K Geist Co	3777 Glendale Blvd, Los Angeles 39, Cal	NO5-1195
NY	George F Landfear	P. O. Box 68, Nutley 10, NJ	[illegible]
Ore	J K Dooley Co	3125 Western Ave, Seattle 1, Wash	
RI	Richard F MacDowell Co., Inc	Box 102, Melrose 76, Mass	
Vt	Richard F MacDowell Co., Inc	Box 102, Melrose 76, Mass	NO5-8893
Va	Brimberg Associates	225 Investment Bldg, Washington 5, DC	DI7-0990
Wash	J K Dooley Co	3125 Western Ave, Seattle 1, Wash	AT4-8313

● **CROSS CO., H** — 3229 Bergenline Ave, Union City, NJ — UN3-1134
*500 1125

CROUSE-HINDS CO. ARK-TROL DEPT. — Wolf & 7th North Sts, Syracuse 1, NY — GR4-8411
A Uhrlandt #150 *2400 G 345-360

TERR			TEL. NO.
Ala	Crouse & Hinds Co	1906 9th Ave. S, Birmingham 5, Ala	FA2-1926
Cal	Crouse & Hinds Co	370 Brannan St, San Francisco 7	GA1-5267
Cal	Crouse & Hinds Co	714 W Olympic Blvd, Los Angeles	RI9-0231
Colo	Crouse & Hinds Co	1136 Bannock St, Denver 4	TA5-6639
Conn	R R Nolin	330 Elmwood Dr, Meriden	BE7-8766
DC	Crouse & Hinds Co	5084 Wisconsin Ave, NW, Washington 16	EM3-8310
Fla	Crouse & Hinds Co	442 W Lafayette St, Tampa	8-1398
Ga	Crouse & Hinds Co	1003 W Peachtree St, NE, Atlanta	TR3-3479
Ill	Crouse & Hinds Co	601 W Jackson Blvd, Chicago 6	FR2-5917
Ind	Crouse & Hinds Co	2830 E 39th St, Indianapolis 5	LI5-0817
Kan	Crouse & Hinds Co	406 W 34th St, Kansas City 11	LO1-4968
La	Crouse & Hinds Co	440 N Foster Dr, Baton Rouge	DI3-2995
La	Crouse & Hinds Co	860 St Charles Ave, New Orleans 12	JA2-9529
Md	Crouse & Hinds	1601 Wilbelm Ave, Baltimore	MU6-4355
Mass	Crouse & Hinds Co	31 Harvard St, Brookline 46	RE4-0293
Mich	Crouse & Hinds Co	5-107 General Motors Bldg, Detroit 2	TR5-4355
Minn	Crouse & Hinds Co	2386 Territorial Rd, St Paul 14	MI5-5645
Mo	Crouse & Hinds Co	3732 Washington Blvd, St Louis 8	JE1-5555
Neb	Crouse & Hinds Co	804 W O W Bldg, Omaha 2	342-2584
NY	R F Kidwell	225 Glen Rd, Woodcliffe Lake, NJ	AD3-5606
NY	J W Perdue	11 Camp Ave, Syracuse 7	HY2-2877
NY	Crouse & Hinds Co	412 Chamber of Comm Bldg, Buffalo	TL4-5011
NY	Crouse & Hinds Co	11 Park Pl, New York 7	CO7-0750
NC	Crouse & Hinds Co	38 0 Central Ave, Charlotte 5	KE7-2440
Ohio	Crouse & Hinds Co	7373 Brookcrest Dr, Cincinnati 37	RE1-8231
Ohio	Crouse & Hinds Co	7543 Broadview Rd, Cleveland 31	LA4-1408
Okla	Crouse & Hinds Co	820 E 6th St, Tulsa 20	LU7-7107
Ore	Crouse & Hinds Co	1633 NW 21st Ave, Portland 9	CA7-2115
Pa	Crouse & Hinds Co	10 N 33rd St, Philadelphia 4	EV6-7866
Pa	Crouse & Hinds Co	1015 Empire Bldg, Pittsburgh 22, Pa	GR1-6882
SC	R A Reynolds	2784 Hillvale Ave, West Lawn, Pa	FR4-2212
Tex	Crouse & Hinds Co	4607 Cole Ave, Dallas 5	LA6-5231
Tex	Crouse & Hinds Co	2801 San Jacinto St, Houston 4	CA5-3201
Tex	Crouse & Hinds Co	3125 Leopard St, Corpus Christi	TU2-7901
Utah	Crouse & Hinds Co	138 S 2nd East St, Salt Lake City 11	EM3-5513
Va	Crouse & Hinds Co	401 Brookside Blvd, Richmond 27	CO6-3513
Wash	Crouse & Hinds Co	566 Broad St, Seattle 9	AT3-7262
Wis	Crouse & Hinds Co	3803 N Oakland Ave, Milwaukee 11, Wis	WO4-1870
Can	Crouse-Hinds Co of Canada, Ltd	Toronto, Ontario	
For	Crouse-Hinds-Domex SA de CV	Mexico, DF	
For	Peterco Com e Indde Elect Ltda	Sao Paulo, Brazil	

CROVEN LTD — 500 Beech St, Whitby, Ont, Canada — MO8-3325
P Mac Phee #4 *97 D 415-1215

TERR			TEL. NO.
Ga	J E Jobber & Associates	Box 10421, Sta A, Atlanta	PL5-4336
Ill	W G Brovillette & Associates	1568 Newcastle Ave, Westchester	FI5-6500
Mass	George J Neuman & Co	134 Pilgrim Rd, Wellesley	CE5-5053
NJ	Kenneth E Hughes Co	4808 Bergenline Ave, Union City	UN7-3204
NY	Bowser & Sepchy Assoc	3070 Sheridan Dr, Kenmore 23	TR3-0964
Pa	Fred E Mueller Co	2519 Fifth St, Bridgeville	TE5-9381
Pa	W R Griffin Co	Rosalie Bldg, Spring House	MI6-8333
Va	Overtone Inc	1127 E. Market St, Charlottesville	3-5148
Canada	Bar Manis Associates	5317 Prince of Wales Ave, Montreal, Can	HU6-1571
Canada	Pacific Electronics Co Ltd	1941 W. 2nd Ave, Vancouver, Canada	RE1-8131

CROWLEY DIV. AO. SMITH CORP — 1 Central Ave. W. Orange, NJ — OR3-7660
H Delaney #7 *95 G 45-380-1085-1135-1575

TERR			TEL. NO.
Ala	Stanley K Wallace Assoc	2705 Catalina Dr, Orlando, Fla	GA4-0254
Ariz	R E McClendon Co., The	915 Yale Blvd, Albuquerque, NM	CH3-4551
Ark	Telematic Sales Inc	231 N. Spring St, Cape Girardeau, Mo	ED5-5547
Cal	Lee Grant Snyder Co	1418 N. Highland Ave, Hollywood 28	HO9-6278
Conn	R P Mahan Co	S. Lincoln, Mass	CL9-9300
Del	Schumacher Assoc	1205 York Rd, Abington, Pa	TU4-7808
DC	Simberkoff Sales	175 Oakwood Ave, Orange, NJ	OR4-4100
Ga	Stanley K Wallace Assoc	2705 Catalina Dr, Orlando, Fla	GA4-0254
Ill	Frank B Tabis & Assoc	6022 N. Rogers Ave, Chicago	KE9-4535
Ind	Delta Sales Inc	21 E. 52nd St, Indpls 5	CL1-3564
Kan	Telematic Sales Inc	231 N. Spring St, Cape Girardeau, Mo	ED5-5547
Ky	Delta Sales Inc	21 E. 52nd St, Indpls 5, Ind	CL1-3564
Me	R P Mahan Co	S. Lincoln, Mass	CL9-9300
Md	Simberkoff Sales	175 Oakwood Ave, Orange, NJ	OR4-4100
Mass	R P Mahan Co	S. Lincoln	CL9-9300
Mich	A D Walter Co., The	7711 E. Jefferson Ave, Detroit 7	LO7-6380
Minn	Fred B Hill Co	6110 Excelsior Blvd, Mnpls 16	WE9-6727
Mo	Telematic Sales Inc	231 N. Spring St, Cape Girardeau	ED5-5547
NH	R P Mahan Co	S. Lincoln, Mass	CL9-9300
NJ	Schumacher Assoc	1205 York Rd, Abington, Pa	TU4-7808
NJ	Fowler Assoc, Inc	Lewis Rd, Irvington-on-Hudson, NY	ST4-1100
NM	R E McClendon Co., The	915 Yale Blvd, Albuquerque	CH3-4551
NY	Fowler Assoc, Inc	Lewis Rd, Irvington-on-Hudson	ST4-1100
NY	M P Andrews Inc	Fayetteville	NE7-6405
NC	Simberkoff Sales	175 Oakwood Ave, Orange, NJ	OR4-4100
ND	Fred B Hill Co	6110 Excelsior Blvd, Mnpls 16, Minn	WE9-6727
Ohio	Minetron	14055 Lorain Rd, Cleve 35	ED1-7234
Pa	Schumacher Assoc	1205 York Rd, Abington	TU4-7808
RI	R P Mahan Co	S. Lincoln, Mass	CL9-9300
SD	Fred B Hill Co	6110 Excelsior Blvd, Mnpls 16, Minn	WE9-6727
Tenn	Stanley K Wallace Assoc	2705 Catalina Dr, Orlando, Fla	GA4-0254
Tex	R E McClendon Co., The	915 Yale Blvd, Albuquerque, NM	CH3-4551
Vt	R P Mahan Co	S. Lincoln, Mass	CL9-9300
Va	Simberkoff Sales	175 Oakwood Ave, Orange, NJ	OR4-4100
W Va	Simberkoff Sales	175 Oakwood Ave, Orange, NJ	OR4-4100
Wis	Fred B Hill Co	6110 Excelsior Blvd, Mnpls, Minn	WE9-6727
For	Aeronex-Canada Ltd	1551 Barton St. E, Hamilton, Ont, Can	LI5-1186

CROWN CONTROLS CO., INC — 40 S. Washington St, New Bremen, Ohio — 2311
1045

CROWN INTERNATIONAL DIV INT RAD & EL CORP — Box 261, Elkhart, Ind — JA3-4919
E Moore #5 *52 C 45-895-1135-1435-1870

TERR			TEL. NO.
Ala	Robert White	20 S. Dearborn, Chicago, Ill	
Ariz	Robert White	20 S. Dearborn, Chicago, Ill	
Ark	Robert White	20 S. Dearborn St, Chicago 3, Ill	
Cal	B & H Enterprises	1422 N. Central Ave, Glendale, Cal	WE7-4723
Cal	J R Coleman & Associates	2015-2016 W. McFadden Ave, Santa Ana, Cal	
Colo	Robert White	20 S. Dearborn St, Chicago 3, Ill	KE7-4725
Conn	Metrorep	Box 162, Teaneck, NJ	TE6-3474
Del	Metrorep	Box 162, Teaneck, NJ	TE6-3474
DC	Metrorep	Box 162, Teaneck, NJ	TE6-3474
Fla	Ted Sharaf	4100 Lincoln, Hollywood, Fla	YU997-431
Ga	Robert White	20 S. Dearborn, Chicago, Ill	
Haw	Bill Cameron Sales	2436 Date St, Honolulu, Haw	997-431
Idaho	Robert White	20 S. Dearborn, Chicago, Ill	
Ill	John Gill	8405 S. Euclid, Chicago, Ill	BA1-4848
Ind	Charles Scheffler	1133 Navajo Trail, Route 14, Incpls, Ind	
La	Robert White	20 S. Dearborn, Ill	
Me	Metrorep	Box 162, Teaneck, NJ	TE6-3474
Md	Metrorep	Box 162, Teaneck, NJ	TE6-3474
Mass	Metrorep	Box 162, Teaneck, NJ	TE6-3474
Mich	Paul Wilson	15506 Turney, Maple Hghts 37, Ohio	MO2-3280
Minn	Robert White	20 S. Dearborn, Chicago, Ill	
Miss	Robert White	20 S. Dearborn, Chicago, Ill	
Mo	Robert Shaw	7800 Kerridge Ln, St Louis, Mo	
Mont	Robert White	20 S. Dearborn, Chicago, Ill	
Nev	Robert White	20 S. Dearborn, Chicago, Ill	
NH	Metrorep	Box 162, Teaneck, NJ	TE6-3474
NJ	Metrorep	Box 162, Teaneck, NJ	TE6-3474
NM	Robert White	20 S. Dearborn, Chicago, Ill	
NY	Metrorep	Box 162, Teaneck, NJ	TE6-3474
ND	Robert White	20 S. Dearborn, Chicago, Ill	
Ohio	Paul Wilson	15506 Turney, Maple Hghts 37, Ohio	MO2-3280
Okla	Robert White	20 S. Dearborn, Chicago, Ill	
Ore	Robert White	20 S. Dearborn, Chicago, Ill	
Pa	Metrorep	Box 162, Teaneck, NJ	TE6-3474
Pa	Paul Wilson	15506 Turney, Maple Hghts 37, Ohio	MO2-3280
RI	Metrorep	Box 162, Teaneck, NJ	TE6-3474
SD	Robert White	20 S. Dearborn, Chicago, Ill	
Tenn	Robert White	20 S. Dearborn, Chicago, Ill	
Utah	Robert White	20 S. Dearborn, Chicago, Ill	
Vt	Metrorep	Box 162, Teaneck, NJ	TE6-3474
Wash	Robert White	20 S. Dearborn, Chicago, Ill	
W. Va	Paul Wilson	15506 Turney, Maple Hghts 37, Ohio	MO2-3280
Wyo	Robert White	20 S. Dearborn, Chicago, Ill	
For	N Christensen	382 Springfield Ave, Summit, NJ	CR3-3833

CROWN METAL PRODUCTS — Box 38, Wyano, Pa — WE1550
K Williams *6 B 1495-1960

TERR			TEL. NO.
Ala	Murphy & Cota	2110 Peachtree St, N.W., Atlanta, Ga	TR6-3020
Colo	George Hamburger	1253 Pearl St, Denver, Colo	
Fla	Murphy & Cota	2110 Peachtree St, N.W., Atlanta, Ga	TR6-3020
Ga	Murphy & Cota	2110 Peachtree St, N.W., Atlanta, Ga	TR6-3020
Idaho	Jas J Basker Co	221 W. Galer St, Seattle, Wash	AL6477
Ill	Laighaus-Levy Associates	5317 Cottage Grove Ave, Chicago, Ill	DO3-5344

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Minn	E W Oszman	12 E. 25th St, Minneapolis, Minn	FE9-3298
Miss	Murphy & Cota	2110 Peachtree St, N.W., Atlanta, Ga.	TR6-3020
Mo	Maury E Bettis Co	3706 Broadway, KC 11	LO1-0772
Mont	Jas J Backer Co	221 W. Galer St, Seattle, Wash	AL6470
NJ	Sunday-O'Brien	15 Potter St. Haddonfield	HA9-4013
NY	Manny Landes	217 Neck Rd. Brooklyn 23	NI5-1075
NC	Murphy & Cota	2110 Peachtree St, Atlanta, Ga	TR6-3020
ND	E W Oszman	12 E. 25th St, Minneapolis, Minn	FE9-3298
Ore	Jas J Backer Co	221 W. Galer St, Seattle, Wash	AL6470
SC	Murphy & Cota	2110 Peachtree St, N.W., Atlanta, Ga	TR6-3020
SD	E W Oszman	12 E. 25th St, Minneapolis, Minn	FE9-3298
Tenn	Murphy & Cota	2110 Peachtree St, N.W., Atlanta, Ga	TR6-3020
Wash	Jas J Backer Co	221 W. Galer St, Seattle, Wash	AL6470
Wisc	E W Oszman	12 E. 25th St, Minneapolis, Minn	FE9-3298
Foreign	Cooperweld Intl Steel Co	225 Broadway, New York, NY	BE3-5800
	CROWN TOOL INC	**Hwy 15, Wabash, Ind**	**563-2144**
	#2 *26 C 1075		
•	**CRUCIBLE STEEL CO OF AMERICA**	**Box 88, Pittsburgh 30, Pa**	**CA7-6315**
	***12000 G 1085-1120-1125-1885-1960**		
Cal	L J Hamilton	1033 E. Bandini Blvd, Los Angeles 22	RA3-4821
Cal	K M Acton	2050 Bryant St, San Francisco 10, Cal	AT2-8011
Colo	R L Stark	6301 Dexter St. Denver 16	AT8-2655
Conn	W B Learned	265 State St, North Haven, Conn	AT8-2561
Fla	W A Morgan	U S Naval Res Facilities, Tampa	TA4-5076
Fla	J T Wood	2891 NW 79th St, Miami 47	OX1-1540
Ga	A B Wells	3405 Malone Dr, Chamblee, Ga	GL7-6341
Ill	Norman T Race	2900 N Main St, Rockford	WO5-8685
Ill	D R Wistar	4501-4531 W Cortland St, Chicago 39	SP2-0370
Ind	R L Robinson	115 S. Keystone Ave, Indianapolis 1, Ind	ME8-4501
Md	R G Frederick	1501 Mercantile Trust Bldg, Baltimore	MU5-2100
Mass	B Reuse	Waltham Ind Center, Boston 54	TW4-6100
Mass	J M Robinson	53 Second Ave, Chicopee Falls	LY2-7701
Mich	Ward Jones	4000 E. Nevada Ave, Detroit 34, Mich	FO6-4400
Mich	V G Goodell	4000 Eastern Ave, S.E., Grand Rapids	CH5-1105
Mo	J J Wycall	1610 Page Blvd, St. Louis	HA5-4400
NJ	A D Nusser	PO Box 556, W Caldwell	CA6-9300
NY	D F Hall	PO Box 556, Mineola	PI1-8500
NY	D F Hall	300 Pennsylvania Ave, Mineola, NY	PI1-8550
NY	E G Sparrow	P.O. Box 952, Syracuse, NY	HE7-8711
NC	Robert C Leslie	3162 Cullman Ave, Charlotte 6	FR7-1598
NC	E R Decker	3162 Cullman Ave, Charlotte 5, NC	FR7-1533
Ohio	F H Thoma	31400 Aurora Rd. Cleveland 39	CH8-9400
Ohio	R L Fleming	4 N Main St. Dayton 2	BA8-1182
Ohio	J H Ruffin	3038 S Ave. Toledo 9	EV2-5678
Ohio	J U Duhe	2900 Spring Grove Ave. Cincinnati 25	KI1-3666
Ohio	George R Boles	3164 Riverside Dr. Columbus 21	HU6-5843
Okla	R M Akeman	2420 Skelly Dr, Tulsa, Okla	HI6-5511
Ore	D R Maslang	2335 N.W. Raleigh St, Portland 10, Ore	CA2-1755
Pa	R G Marlatte	1134 Payne Ave, Erie, Pa	GL6-2085
Pa	E A Fleming	408 S. Oak Ln, Philadelphia, Pa	GR4-1100
Pa	R J Rand	PO Box 4514, Pittsburgh 5	WA2-3632
RI	M H Nicholson	141 Carolina Ave, Providence 5, RI	ST1-4141-2-3-4
Tex	W Ross Cummings	7981 Sovereign Row, Dallas 35, Tex	FL7-3941
Utah	C K Bentley	753 W. 8th St, S., Salt Lake City, Utah	EM4-4385
Wash	D R Maslang	2755 First Ave, S., Seattle 4, Wash	MA3-6050
Wisc	C K Barr	Box 6007, Sta F, Milwaukee	HO1-2900
Can	Crucible Steel of Canada Ltd	Sorel, Que	RI3-3382
For	Crucible Steel Intl, SA	Bolam House, Nassau, Bahamas	8671-2
	CRYO-THERM, INC	**Fogelsville, Pa**	**AT5-4811**
	J Wilson #4 *75 1135		
	CRYS-TECH INC	**1534 E Chestnut St. Santa Ana, Cal**	**KI2-7297**
	J Meinhard *4 A 410-1125		
Cal	Ben Sloan	5722 Mezzanine Way, Long Beach 8	HA9-1805
Mass	Crys-Tech Sales	Box 85, Cochituate	OL5-0684
	CRYSTAL RESEARCH INC	**42 Concord La. Cambridge 38, Mass**	**KI7-4001**
	W Dreisin #3 *6 A 410-895-900-1850		
	CRYSTAL-X-CORP	**403 Locust Rd, Locust Mills 2, Pa**	**GL9-1000**
	W Grace #4 *50 E 220-660-715-750-900-1125-1190-1220-1290-1295-1960		
	CRYSTALONICS INC	**249 Fifth St, Cambridge 42, Mass**	**KI7-2750**
	B Frezatojer #5 *25 C 1860		
Cal	Aerol Associates Inc	3691 Couts St, San Diego, Cal	CY6-6818
Cal	Aerol Associates Inc	9024 Olympic Blvd, Beverly Hills, Cal	BR2-8251
Cal	Aerol Associates Inc	1177 University Dr, Menlo Park, Cal	DA1-1014
Colo	Aerol Associates Inc	Denver Club Bldg, Denver 2, Colo	TA5-2046
Conn	Hathaway Electronics	Ducillo Bldg, Canaan	
Fla	Aerol Associates Inc	920 Orange Ave, Orlando, Fla	MI4-0311
Ga	Aerol Associates Inc	1617 Thompson Ave, East Point	767-4666
Ill	Aerol Associates Inc	410 Green Bay Rd, Kenilworth, Ill	AL1-9300
Kan	Aerol Associates Inc	5920 Nall Ave, Mission, Kan	HE2-8212
Kan	Aerol Associates Inc	6631 E Kellogg, Wichita, Kan	MU3-7421
Md	Aerol Associates Inc	6803 York Rd, Baltimore, Md	DR7-8110
Mass	Hathaway Electronics	238 Main St, Cambridge, Mass	KI7-0380
Mich	Aerol Associates Inc	18505 W Eight Mile Rd, Detroit, Mich	KE7-7070
Minn	Aerol Associates Inc	3424 E Lake St, Minneapolis, Minn	PA4-0246
Mo	Aerol Associates Inc	Lambert/St Louis Municipal Arpt, St Louis, Mo	PE1-6853
NJ	Aerol Associates Inc	1180 Raymond Blvd, Newark, NJ	MA3-0336
NY	Aerol Associates Inc	170 Great Neck Rd, Great Neck, NY	HU7-9650
NY	Aerol Associates Inc	103 Pickwick Rd, DeWitt, NY	GI6-4560
Ohio	Aerol Associates Inc	7719 Reading Rd, Cincinnati, Ohio	VA1-4898
Tex	Aerol Associates Inc	314 N East St, Arlington, Tex	CR5-2400
Wash	Aerol Associates Inc	422 First Ave, West, Seattle, Wash	AT2-5260
•	**CUBIC CORP**	**5575 Kearny Villa Rd, San Diego 11, Cal**	**BR7-6780**
	W Boyd #214 *480 35-338-775-895-1135-1150		
Ala	Col-Ins-Co, Inc	15-16 Hutchens Bldg. Huntsville	JE9-1771
Ariz	Cubic Corp	1600 N La Brea Ave. Hollywood 28, Cal	HO9-5827
Ark	J Y Schoonmaker Co	5328 Redfield, Dallas 35, Tex	LA6-7238
Cal	Cerruti & Assoc	116 Cypress, Redwood City	EM9-3354
Colo	Mc Loud & Raymond Co	PO Box 22044, Denver 22	SK6-1589
Conn	George Gregory Associates	P.O. Box 243, Cheshire, Conn	AT8-2900
Del	L G White Co, Inc	800 Bonifant St. Silver Spring, Md	JU5-3111
DC	L G White Co, Inc	800 Bonifant St. Silver Spring, Md	JU5-3111
Fla	Col-Ins-Co, Inc	5729 Precision Dr. Orlando	CH1-1501
Ga	Col-Ins-Co, Inc	2354 Ewing Dr, Atlanta, Ga	CE7-1494
Idaho	Testco	Boeing Field, Seattle 8, Wash	PA3-9000
Ind	Bird Assoc	328 Selbourne Rd. Riverside, Ill	HI7-7555
Iowa	Halgin Sales	5920 Nall Ave, Mission, Kan	RA2-2441
Kan	Halgin Sales	5920 Nall Ave, Mission, Kan	RA2-2441
La	J Y Schoonmaker Co	5328 Redfield, Dallas 35, Tex	LA6-7238
Me	George Gregory Assoc	7 Erie Dr. Natick, Mass	OL5-1330
Md	L G White Co, Inc	800 Bonifant St. Silver Spring	JU5-3111
Mass	George Gregory Assoc	7 Erie Dr. Natick	OL5-1330
Mich	J L Peirce Co	15466 James Couzens Hwy, Detroit	UN2-2571
Minn	Pat Lind Electronics Co	9781 Western Ave, Circle Pines, Minn	SU4-3827
Miss	Col-Ins-Co, Inc	5728 Precision Dr. Orlando, Fla	CH1-1501
Mo	Halgin Sales	721 Olive St, St. Louis 1, Mo	CH1-6919
Mont	Testco	Boeing Field, Seattle 8, Wash	PA3-9000
Neb	Halgin Sales	5920 Nall Ave, Mission, Kan	RA2-2441
Nev	Cerruti & Assoc	PO Box 509, Redwood City, Cal	EM9-3354
NH	George Gregory Assoc	7 Erie Dr. Natick, Mass	OL5-1330
NJ	Louis A Garten & Assoc	375 Passaic Ave. Caldwell	CA6-7600
NY	Naco Electronics Corp	119 Luther Ave. Liverpool	GR4-7481
NC	L G White Co, Inc	2000 Beach St. Winston-Salem	PA5-3612
ND	Pat Lind Electronics Co	9781 Western Ave, Circle Pines, Minn	SU4-3827
Ohio	Lee Sales	4447 Needmore Rd. Dayton 24	BE3-1526
Okla	J Y Schoonmaker Co	5328 Redfield, Dallas 35, Tex	LA6-7738
Ore	Testco	Boeing Field, Seattle 8, Wash	PA3-9000
Pa	Louis A Garten & Associates	730 Washington Ln, Jenkintown, Pa	WA7-1200
Pa	Lee Sales	4447 Needmore Rd. Dayton 24, Ohio	BE3-1526
RI	George Gregory Assoc	7 Erie Dr. Natick, Mass	OL5-1330
SC	Col-Ins-Co, Inc	5728 Precision Dr. Orlando, Fla	CH1-1501
SD	Pat Lind Electronics Co	9781 Western Ave, Circle Pines, Minn	SU4-3827
Tenn	Col-Ins-Co, Inc	5728 Precision Dr. Orlando, Fla	CH1-1501
Tex	J Y Schoonmaker Co	5328 Redfield, Dallas 35, Tex	LA6-7238
Vt	George Gregory Assoc	7 Erie Dr. Natick, Mass	OL5-1330
Va	L G White Co, Inc	800 Bonifant St. Silver Spring, Md	JU5-3111
Wash	Testco	Boeing Field, Seattle 8, Wash	PA3-9000
W Va	L G White Co, Inc	800 Bonifant St. Silver Spring, Md	JU5-3111
Wis	Bird Assoc	328 Selbourne Rd. Riverside, Ill	HI7-7555
For	Cubic Corp	Via Alchimista, 105, Roma, Italy	803.593
	CULBERTSON PRODUCTS INC	**25 Samson Ave, Madison, NJ**	**FR7-0778**
	J Culbertson #2 175-220-240-320-380-715-900-905-1545-1890		
Ariz	Electrical Specialty Co	916 W Adams St. Phoenix	AL2-2107
Cal	Charrett Co., The	7410 W 85th St. Los Angeles	SP6-2655
Cal	Electrical Specialty Co	158-168 11th St. San Francisco 3	HE1-8450
Colo	Electrical Specialty Co	2725 Arapahoe St. Denver	CH4-4588
Fla	Manufacturers Sales Co	750 43rd Ave. NE, St Petersburg	OR1-4041
Ill	Knoblock & Malone, Inc	1603 N Newland Ave, Chicago 35	NA2-4005
Ind	Knoblock & Malone, Inc	Rural Rt 6, Sidney, Ohio	HY2-2403
Ky	Petrie-Ingram Co	PO Box 194, Dayton, Ohio	CR7-2401
Mass	Richard D Gale	PO Box 6, Reading	RE2-1829
Mich	Daniel Clifford	Fisher Bldg, Detroit	TR5-3544
Minn	A A Gustafson	Griggs-Midway Bldg, St Paul 4	MI4-7630
Miss	Herron & Co	4394 18th Ave. Meridian	2-1878
Mo	A O Woemer & Sons	4030 Chouteau Ave. St Louis	FR1-2780
Nev	Electrical Specialty Co	158-168 11th St. San Francisco 3, Cal	HE1-8450
NY	Reed-Tollefson Corp	2815 Monroe Ave. Rochester 18	HI5-0450
NY	Reed-Tollefson Corp	PO Box 368, Alexander	FI3-5898
NC	Manufacturers Sales Corp	509 Cornwallis Dr. Greensboro	BR4-1401
Ohio	Petrie-Ingram Co	5767 Mayfield Rd. Cleveland 24	HI2-5530
Ohio	Petrie-Ingram Co	PO Box 194, Dayton	CR7-2401
Ore	Electrical Specialty Co	212 NW 14th St. Portland	CA7-3188
Pa	Petrie-Ingram	5767 Mayfield Rd. Cleveland 24, Ohio	HI2-5530
Tenn	Herron & Co	15 Cinderella Rd. Lookout Mntn	VE1-6783
Va	Manufacturers Sales Corp	509 Cornwallis Dr. Greensboro, NC	BR4-1401
Wash	Electrical Specialty Co	2406 First Ave. S, Seattle	MA3-8061
W Va	Petrie-Ingram Co	5767 Mayfield Rd. Cleveland 24, Ohio	HI2-5530
Wis	A A Gustafson	Griggs-Midway Bldg, St Paul 4, Minn	MI4-7630
•	**CUNNINGHAM INDUSTRIES, INC**	**56 Hubbard Ave. Stamford, Conn**	**DA4-2942**
	F Cunningham #1 *3 A 205		
	CUNNINGHAM SON & CO., INC., JAMES	**33 Litchfield St, Rochester 8, NY**	**BA5-7240**
	G Appleton #7 *80 C 1735		
Cal	Bill Wille	130 N. B St, San Mateo, Cal	DI2-7057
Cal	Jim Hanna	3150 El Cajon Blvd, San Diego, Cal	AT3-2081
Cal	Luscombe Eng Co	1020 S Arroyo Parkway, Pasadena, Cal	MU2-3386
Colo	Parrish Electronics	2130 S Albion, Denver 22, Colo	SK6-9455
DC	Fred F Bartlett & Co	734-15th St NW, Wash, DC	EX3-6242
Fla	Gentry Associates	1851 Oak Ln, Orlando, Fla	GA4-0730
Fla	Scientific Sales Engineering Co	2162 Piedmont Rd, N.E., Atlanta 9, Ga	TR3-2475
Ill	Ridgway Associates	6100 W N Ave, Chicago, Ill	TU9-5715
Ind	Ridgway Associates	1224 N Capitol Ave, Indpls 2, Ind	ME5-2401
Mass	Brookdale Eng Co	6 Beacon St, Boston, Mass	CA7-1515
Mich	Ridgway Associates	3384 W 12-Mile Rd, Berkley, Mich	LI6-3312
Minn	Pinkney & Hine Co	1925 Nicollet Ave, Minneapolis 3, Minn	FE8-0523
NJ	Fred F Bartlett & Co	18 West Ave, Wayne, Pa	
NY	Robert P Kennedy Co	182 Mayflower Dr, Rochester 18, NY	BR1-6322
NY	Bradley Associates	9 Dash Pl, New York 63, NY	KI9-8500
NC	M J McDonald Co	RT 1, Pfafftown, NC	WA4-2182
Ohio	Ridgway Associates	5915 Schaaf Rd, Cleveland, Ohio	LA4-1421
Okla	V J Sykes Assoc	2608 Inwood Rd, Dallas 35, Tex	FL2-6943
Pa	Fred F Bartlett & Co	18 West Ave, Wayne, Pa	MU8-7325
Pa	Fred F Bartlett & Co	18 West Ave, Wayne, Pa	
RI	Brookdale Engineering & Services	6 Beacon St, Boston, Mass	CA7-1515
Tex	V J Sykes Associates, Inc	2608 Inwood Rd, Dallas 35, Tex	FL2-6943
Va	Fred F Bartlett	18 West Ave, Wayne, Pa	
Canada	Aeromotive Engrg Products Ltd	147 Hymus Blvd, Montreal 33, Que, Can	OX7-0810
Canada	Aeromotive Engrg Products Ltd	1912 A Ave Rd, Toronto, Ontario, Canada	RU3-4288
	CURRY ARTS	**522 Green Ridge St, Scranton 9, Pa**	**DI2-3719**
	H Rosenthal *14 B 980-1290		
	CURTIS DEVELOPMENT & MFG CO	**3226 N. 33 St, Milwaukee 16, Wisc**	**HI5-1817**
	R Miller #7 *115 E 1785		
Ala	Buchanan & Abrams Associates	Box 6026, Orlando, Fla	
Ariz	Nelson Co	701 E. Louisiana Ave, Denver, Colo	
Ark	Lyman C Reed Inc	501 N. St. Patrick St, New Orleans, La	
Cal	Walter W Corman	7432 W. 80th St, Los Angeles 45, Cal	OR0-0520
Cal	James M Krotozyner	544 Market St, San Francisco, Cal	GA1-7700
Colo	Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	PE3-5528
Conn	Hathaway Electronics Inc	Ducillo Bldg, Canaan, Conn	TA4-7215
Del	Naudain-Bohaker & Co	1032 Suburban Sta Bldg. Phila, Pa	LO4-3194
DC	Naudain-Bohaker & Co	Box 276, Mc Lean, Va	EL6-3492
Fla	Buchanan & Abrams Associates	Box 6026, Orlando, Fla	GA3-8995
Ga	Buchanan & Abrams Associates	Box 6026, Orlando, Fla	GA3-8995
Idaho	C B Parsons & Co	3029 1st Ave, Seattle 1, Wash	MU2-6780
Ill	Wells-White Co	569 Melville, St Louis 30, Mo	PA6-2511
Ill	Bauman & Bluzat	4140 W Fullerton Ave. Chicago 39	HU6-6809
Ind	F C Valentine Inc	511 Ft. Wayne Bank Bldg, Ft. Wayne, Ind	AN9122
Iowa	The Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
Kan	Kelly-Schmitz-Winkeler Associates	7449 Broadway, Kansas City 14, Mo	EM1-5651
Ky	F C Valentine Inc	511 Ft. Wayne Bank Bldg, Ft. Wayne 2, Ind	AN9122
La	Lyman C Reed Inc	501 N. St. Patrick St, New Orleans, La	GA3106
Me	Hathaway Electronics Inc	238 Main St, Cambridge, Mass	KI7-0380
Md	Naudain-Bohaker & Co	7300 York Rd, Towson 4	VA5-5492
Mass	Hathaway Electronics Inc	238 Main St, Cambridge, Mass	KI7-0380
Mich	Koehler-Pasmore Co	11883 Hamilton Ave, Detroit, Mich	TO8-3322
Mich	Koehler-Pasmore Co	125 W Walnut St, Kalamazoo	FI9-6315
Minn	The Heimann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Miss	Buchanan & Abrams Associates	Box 6026, Orlando, Fla	GA3-8995
Mo	Wells-White Co	569 Melville, St Louis 30	PA6-2511
Mo	Kelly-Schmitz-Winkeler Assoc	417 W 7th St. Terr. St Louis	EM1-5651
Mont	C B Parsons & Co	3029 1st Ave, Seattle 1, Wash	MU2-6780
Neb	The Heimann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Nev	James M Krotozyner	544 Market St, San Francisco 4, Cal	GA1-7700
NH	Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0380
NJ	O F Masin Co	One Wolf's Ln, Pelham, NY	PE8-4510
NJ	Naudain-Bohaker & Co	Suburban Sta Bldg, Philadelphia 3, Pa	AL1-3124
NM	The Nelson Co	701 E. Louisiana St, Denver, Colo	PE3-5528
NY	O F Masin Co	One Wolf's Ln, Pelham, NY	PE8-4510
NY	Wally B Swank Inc	2110 Bellevue Ave, Syracuse, NY	GR8-2141
NC	Naudain-Bohaker & Co	PO Box 276, Mc Lean, Va	EL6-3492
ND	The Heimann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Ohio	F C Valentine Inc	12417 Cedar Rd, Cleveland Hgts, Ohio	FA1-1234
Okla	Automatic Gear Electronic Sales Inc	4550 Troost Ave, Kansas City 10, Mo	[illegible]
Ore	C B Parsons & Co	3029 1st Ave, Seattle 1, Wash	MU2-6780
Pa	Naudain-Bohaker & Co	Suburban Sta Bldg, Philadelphia 3, Pa	LO4-3194
Pa	Love-Haile Co	1280 Ridge Ave, Pittsburgh 33, Pa	AL1-3124
RI	Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0380
SC	Naudain-Bohaker & Co	PO Box 276, Mc Lean, Va	EL6-3492
SD	The Heimann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Tenn	Buchanan & Abrams Associates	Box 6026, Orlando, Fla	GA3-8995
Tex	Automatic Gear Electronic Sales Inc	3824 Mockingbird Ln, Dallas 5, Tex	LA1-7476
Utah	The Nelson Co	701 E. Louisiana Ave, Denver 10, Colo	PE3-5528
Vt	Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0380
Va	Naudain-Bohaker & Co	PO Box 276, Mc Lean	EL6-3492
Wash	C B Parsons & Co	3029 1st Ave, Seattle 1, Wash	MU2-6780
W. Va	Love-Haile Co	1280 Ridge Ave, Pittsburgh 33, Pa	AL1-3124
Wisc	John A Eschweiler Inc	1012 N. 3rd St, Milwaukee 3, Wisc	BR6-5833
Wyo	The Nelson Co	701 E. Louisiana Ave, Denver 10, Colo	PE3-5528
Canada	A C Simmonds & Sons Ltd	100 Merton St, Toronto, Canada	HU5-9111
Foreign	Lionel-Essex Corp	15 E. 26th St, New York 10, NY	
	CURTIS UNIVERSAL JOINT CO	**19 Birnie Ave, Springfield, Mass**	**RE7-0281**
	T B Cavanaugh *35 C 390		
Tex	Francis H Dean & Associates	1932 Bissonet Ave, Dallas, Tex	
Tex	Robco	4515 Prentice St, Dallas, Tex	
Wisc	L D Strong & Associates	6110 N. Berkeley Blvd, Milwaukee, Wisc	
•	**CURTISS-WRIGHT CORP ELECTRONICS DIV**	**35 Market St, East Paterson, NJ**	**SW1-1020**
	R Johnson #600 *2100 G 338-450-895-1165-1395-1460-1610-1645		
Ala	K Wallace Associates Inc	1120 Montclair Rd, Birmingham, Ala	LY2-6291
Ariz	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Cal	Hollis Jewell Co	5422 W. Washington Blvd. LA 16	WE3-7259
Cal	Long & Assoc. Inc	505 Middle Field Rd. Redwood City	EM9-3324
Colo	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Conn	P R Sturgeon Co., Inc	203 Broad St, Milford, Conn	TR4-6380
Del	Victor S Malta Co	Box 4007, Philadelphia 18, Pa	VE6-5122
DC	Victor S Malta Co	Box 4007, Philadelphia 18, Pa	VE6-5122
Fla	Stanley K Wallace Associates Inc	2705 Catalina Dr, Orlando, Fla	GA4-0294
Ga	Stanley K Wallace Associates Inc	2151 Beecher Rd, S.W., Atlanta, Ga	
Idaho	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Ill	Kenneth W Meyers	6713 N. Oliphant Ave, Chicago 31, Ill	SP4-6440
Ind	Rockwell Engineering Co	2121 E. 45th St, Indianapolis 5, Ind	
Iowa	George E Harris & Co., Inc	Merchant's Nat'l Bank Bldg, Cedar Rapids, Iowa	
Kan	George E Harris & Co., Inc	3241 E. Douglas Ave, Wichita, Kan	MU2-2731
Ky	Walter J Brauer & Associates	15631 Lakewood Hgts Blvd, Cleve, Ohio	LA1-7268
Me	P R Sturgeon Co., Inc	25 Huntington Ave, Boston 16, Mass	CO6-7705
Md	Victor S Malta Co	Box 4007, Philadelphia 18, Pa	VE6-5122
Mass	P R Sturgeon Co., Inc	25 Huntington Ave, Boston 16, Mass	CO6-7705
Mich	Tiby Engineering Co	18222 James Couzens Hwy, Detroit 35	UN4-9298
Miss	Stanley K Wallace Associates Inc	2705 Catalina Dr, Orlando, Fla	GA4-0294
Mo	George E Harris & Co., Inc	3527 Broadway, Kansas City, Mo	WE1-4884
Mo	George E Harris & Co., Inc	7811 Carondelet Ave, St. Louis, Mo	VO3-6550
Mont	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Neb	George E Harris & Co., Inc	3241 E. Douglas Ave, Wichita, Kan	
NH	P R Sturgeon Co., Inc	25 Huntington Ave, Boston 16, Mass	CO6-7705
NJ	Harold Martin Inc	165 Palisades Ave, Cresskill, NJ	LO7-4836
NM	Hyde Electronics Co	5206 Constitution Ave, N.E., Albuquerque	AM8-1111
NY	Harold Martin Inc	165 Palisades Ave, Cresskill, NJ	LO7-4836
NY	Wall Associates	Box 161, DeWitt, NY	GI6-4100
NY	Wall Associates	Box 26, Boston, NY	GI6-4100
NC	Stanley K Wallace Associates Inc	117 Middleton Ave, Charlotte 7, NC	
Ohio	Walter J Brauer & Associates	15631 Lakewood Hgts Blvd, Cleveland 7	LA1-7268
Okla	George E Harris & Co., Inc	3241 E. Douglas Ave, Wichita, Kan	MU2-2731
Ore	George E Harris & Co., Inc	444 Dexter Horton Bldg, Seattle, Wash	MA4-1673
Pa	Victor S Malta Co	Box 4007, Philadelphia 18, Pa	VE6-5122
RI	P R Sturgeon Co., Inc	203 Broad St, Milford, Conn	TR4-6380

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
•	**CURTISS-WRIGHT CORP. INTER-MOUNTAIN BR**	**Box 8324, Albuquerque, NM**	**AM8-2474**
	V Myers #17 *70 330-335-338-895-1150-1460		
Ala	Stanley K Wallace Associates	1453 Linda Vista Dr, Birmingham 9	TR1-8266
Ariz	Hyde Electronics Co	2902 Villa St, Phoenix	AP8-2266
Cal	A S Huson	11031 Van Owen St, N Hollywood	TR7-7569
Colo	Hyde Electronic Co	888 S. Lipan St, Denver 23, Colo	WE6-3455
Conn	Paul R Sturgeon Co, Inc	25 Huntington Ave, Boston 16, Mass	CO6-7705
Del	Victor S Malta Co	801 Preston Rd, Philadelphia, Pa	VE6-5122
DC	Victor S Malta Co	801 Preston Rd, Philadelphia, Pa	VE6-5122
Fla	Stanley K Wallace Associates	P O Box 67, Lutz	WE9-3241
Idah	Hyde Electronics Co	2803 Connor St, Salt Lake City, Utah	IN7-5763
Ga	Stanley K Wallace	2705 Catalina Dr, Orlando, Fla	GA4-0294
Hawaii	Dage Corp	219 E. 44th St, New York 17, NY	MU2-6755
Ind	Rockwell Engineering Co	2121 E. 45th St, Indianapolis 5, Ind	CL1-9453
Iowa	George E Harris Co	524 Merchants Nat'l Bk Bldg Cedar Rapids	EM2-6302
Kan	George E Harris Co	2522 Douglas Ave, Wichita	MU2-2731
Me	Paul R Sturgeon Co, Inc	25 Huntington Ave, Boston 16, Mass	CO6-7705
Md	Victor S Malta Co	801 Preston Rd, Philadelphia, Pa	VE6-5122
Mass	Paul R Sturgeon Co, Inc	25 Huntington Ave, Boston 16, Mass	CO6-7705
Mich	Tiby Company	8701 Fenkell Ave. Detroit 38	TE4-9211
Miss	Stanley K Wallace Associates	P O Box 67, Lutz, Fla	WE9-3241
Mo	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3455
Mo	George E Harris Co	Old Nat'l Guard Hanger, Hazelwood	PE1-6848
Mont	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3455
Neb	George E Harris & Co	3241 E. Douglas Ave, Wichita, Kan	MU2-2731
NH	Paul R Sturgeon Co	25 Huntington Ave, Boston 16, Mass	CO3-7705
NJ	Victor S Malta Co	801 Preston Rd, Philadelphia, Pa	VE6-5122
NJ	Harold Martin Inc	165 Palisades Ave, Cresskill, NJ	LO7-4036
NM	Hyde Electronics Co	5208 Constitution N E, Albuquerque	AM8-1111
NY	Harold Martin Inc	165 Palisades Ave, Cresskill, N J	LO7-4036
NC	Stanley K Wallace Associates	P O Box 67, Lutz, Fla	WE9-3241
Ohio	Walter J Brauer & Associates	15601 Lakewood Hghts Blvd, Cleve 7	LA1-7268
Pa	Walter J Brauer & Associates	15601 Lakewood Hghts Blvd, Cleve 7, Ohio	LA1-7268
Pa	Victor S Malta Co	801 Preston Rd, Philadelphia, Pa	VE6-5122
RI	Paul R Sturgeon Co	25 Huntington Ave, Boston 16, Mass	CO3-7705
SC	Stanley K Wallace Associates	P O Box 67, Lutz, Fla	WE9-3241
Tenn	Stanley K Wallace Associates	608 Rochelle Dr, Nashville	VE2-0794
Tex	George E Harris & Co	1345 W Hurst Blvd, Hurst	AT4-0551
Utah	Hyde Electronics Company	2803 Connor St, Salt Lake City	IN7-5763
Vt	Paul R Sturgeon Co	25 Huntington Ave, Boston 16, Mass	CO3-7705
Va	Victor S Malta Inc	801 Preston Rd, Philadelphia, Pa	VE6-5122
Wash	George E Harris Co	404 Dexter Horton Bldg, Seattle	MA4-1673
W Va	Walter J Brauer & Associates	15601 Lakewood Hts. Cleveland 7, Ohio	LA1-7268
Wisc	Kenneth W Meyers	6713 N. Oliphant Ave, Chicago 31, Ill	TA3-3174
Wyo	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3455
Foreign	Dage Corp	219 E. 44th St, New York 17, NY	MU2-6755
•	**CURTISS WRIGHT CORP PRINCETON DIV**	**Princeton, NJ**	**SW9-0500**
	A Bertelsen E 10-265-330-360-735-895-1075-1100-1400-1655-1670-1850-1915		
	CUSH CRAFT	**621 Hayward St, Manchester, NH**	**NA5-9814**
	R W Cushman #2 *10 B 45-1025		
Ala	Fred Womble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Cal	Connelly Sales Co	14529 Manecita Dr, La Mirada, Cal	RA3-8611
Fla	Crowell-Womble Sales Co	2727 Aloma Ave, Winter Park, Fla	
Ill	Dwight Smith Assoc	32 S River St, Aurora, Ill	TW7-5752
Kan	George Kangas Sales Co	10606 W 89 St, Overland Park, Kan	TU8-5213
NJ	Edward Braddock	P.O. Box 305, Haddonfield, NJ	HA9-0087
NY	Chester Drexler Co	3 Lee Dr, S Farmingdale, NY	CH9-8206
Ohio	Ohio Associates	P.O. Box 245, Vaughnsville, Ohio	
Tex	Macrae Smith Co	P.O. Box 35113, Dallas 35, Tex	FL1-1615
Wash	Don Kohler	11532 4th Ave, NE, Seattle 55, Wash	
•	**CUSTOM COMPONENTS INC**	**Box 248, Caldwell, NJ**	**CA6-3403**
	H Densinger #1 *15 C 50-380-410-1045-1085-1125-1135-1390-1830		
Ala	William M Jones Co	1107 Echo Court N, Towson, Md	
Conn	Roger La Pierre	94 Canterbury St. Worcester, Mass.	
Del	William M Jones Co	1107 Echo Court N, Towson, Md	
Fla	William M Jones Co	1107 Echo Court N, Towson, Md	
Ga	William M Jones Co	1107 Echo Court N, Towson, Md	
Ill	Retzer Sales Co	4700 N. Central Ave, Chicago 30, Ill	
Ind	Jack L Weber	9807 El Paso Rd, Indianapolis 20, Ind	
Me	Roger La Pierre	94 Canterbury St. Worcester, Mass.	
Md	Wm M Jones Co	1107 Echo Ct, N, Hampton Vlge, Towson	
Mass	Roger La Pierre	94 Canterbury St. Worcester	
Mich	R S Lohmann Co	12730 Fenkell, Detroit 27, Mich	
NH	Roger La Pierre	94 Canterbury St. Worcester, Mass.	
NJ	Salsbury Associates, Inc	87 Broadway, Hicksville, N Y	
NY	Salsbury Associates, Inc	87 Broadway, Hicksville	
NY	Stuart F Foster Co	204 Southfield Dr, Fayetteville	
Pa	William M Jones Co	1107 Echo Ct. N, Towson, Md	
SC	William M Jones Co	1107 Echo Court N, Towson, Md	
Vt	Roger La Pierre	94 Canterbury St. Worcester, Mass.	
Canada	Lake Engineering Co	123 Manville Rd, Scarborough, Ont, Canada	
	CUSTOM GEAR CO. INC	**648 College St, South Bend, Ind**	**CE4-5188**
	M Webs #2 *12 B 755		
Fla	Winfield Electronic Sales Co	656 NE 125th St, N Miami	PL1-5566
Ill	Ed Bogue	3032 N Pucker St, Niles, Mich	MU3-2626
Ind	C J Given	921 E 3rd St. Mishawaka	BL5-6439
Mich	T R Jewell	1309 Carlton NE, Grand Rapids	GL1-3360
Wis	Victor Russo	217 N Swanson Circle, South Bend, Ind	CE3-9231
	CUTLER-HAMMER INC	**411 N. 12 St, Milwaukee 1, Wisc**	**BR1-7800**
	J Cook #40 *650 G 35-145-155-310-350-360-535-575-590-895-990-1460-1735-1810		
Ala	Cutler-Hammer Inc	323 Comer Bldg, Birmingham 9	TR1-1166
Ariz	Cutler-Hammer Inc	3100 N Central Ave. Phoenix 12	CR9-0031
Cal	Cutler-Hammer Inc	5481 Bandini Blvd. Los Angeles 22	RA3-8391
Colo	Cutler-Hammer Inc	125 W 5th Ave, Denver 4	SH4-2495
Conn	Cutler-Hammer Inc	2701 Whitney Ave, New Haven 18	CH8-6353
DC	Cutler-Hammer Inc	8556 13th St. Silver Spring, Md	JU7-5952
Fla	Cutler-Hammer Inc	540 W Davis Blvd, Tampa 6	8-3559
Ga	Cutler-Hammer Inc	220 14th St, NW, Atlanta 13	TR4-9745
Haw	Power Engineering Co	2030 S Laura Dr, Honolulu 16	
Ill	Cutler-Hammer Inc	6535 W Irving Park Rd, Chicago 34	AV2-2600
Ind	Cutler-Hammer Inc	1425 E 45th St, Indianapolis 5	LI5-1261
Iowa	Cutler-Hammer Inc	220 Main St. Davenport	323-8057
Kan	Cutler-Hammer Inc	401 N Terrace Dr, Wichita 8	MU3-7531
Ky	Cutler-Hammer Inc	195 Quincy Way, Louisville 7	TW6-1786
La	Cutler-Hammer Inc	833 Howard Ave. New Orleans 12	529-3452
Md	Cutler-Hammer Inc	2119 Maryland Ave. Baltimore 18	HO7-9001
Mass	Cutler-Hammer Inc	415 Western Ave. Boston 35	AL4-6210
Mich	Cutler-Hammer Inc	15427 Woodrow Wilson Ave. Detroit 38	TU3-1600
Minn	Cutler-Hammer Inc	5470 Hiawatha Ave. Minneapolis 6	PA1-4453
Mo	Cutler-Hammer Inc	3118 Page Blvd. St Louis 30	HA9-7711
Neb	Cutler-Hammer Inc	1319 Farnam St. Omaha 2	345-8600
NJ	Cutler-Hammer Inc	315 Sherman Ave. Newark 5	BI8-3905
NY	Cutler-Hammer Inc	3 W 40th St, New York 18	PE6-8400
NC	Cutler-Hammer Inc	7505 South Blvd. Charlotte 3	523-3056
Ohio	Cutler-Hammer Inc	1521 W 117th St. Cleveland 7	AC1-0100
Okla	Cutler-Hammer Inc	2570 S Harvard Ave. Tulsa 14	RI7-7531
Ore	Cutler-Hammer Inc	210 S W Stark St. Portland 4	CA7-2405
Pa	Cutler-Hammer Inc	35 West Ave. Wayne	TR8-0820
Tenn	Cutler-Hammer Inc	30 N Main St. Memphis 3	JA7-7123
Tex	Cutler-Hammer Inc	3040 Directors Row, Dallas 7	FL7-6441
Utah	Cutler-Hammer Inc	353 Rio Grande St, Salt Lake City 1	DA8-0233
Va	Cutler-Hammer Inc	13 E Franklin St. Richmond 19	MI8-4411
Wash	Cutler-Hammer Inc	619 5th Ave. S, Seattle 4	MA4-3545
W Va	Cutler-Hammer Inc	120 Kanawha Blvd. E, Charleston	DI2-4051
	CUTLER METAL PRODUCTS CO	**1025 Line St, Camden, NJ**	**WO3-1060**
	H Cutler #18 *300 E 180-230-240-260-590-765-1120-1245		
	CYCLE EQUIPMENT CO	**17480 Shelburne Way, Los Gatos, Cal**	
	A 1750		
	CYCLE PRODUCTS CO. INC	**23 Central Ave, Newark 2, NJ**	**MA2-0462**
	J Sycle #1 *5 A 210-230-865-1150-1220-1290-1565		
	CYCLE TRANSFORMER CORP	**354 Glenwood Ave, East Orange, NJ**	**OR4-0731**
	#2 *45 D 320-1855		
	DKE ELECTRONIC BASES INC	**27 Wright St. Newark, NJ**	**BI3-0800**
	1120-1875-1880-1945-1960-1970		
	DX RADIO PRODUCTS CO., INC	**2300 Armitage Ave, Chicago 47, Ill**	**AR6-3740**
	L Potts #3 *25 B 320-880-1850-1855-1895-1995		
Conn	A-D Associates	391 Fulton St, Valley Stream, NY	VA5-8955
Del	M & S Electronics	P.O. Box 185, Haddonfield, NJ	HA9-1909
DC	M & S Electronics	P.O. Box 185, Haddonfield, NJ	HA9-1909
Ind	Ralph S Haffey	Coldwater Rd, Ft. Wayne 8, Ind	EA2778
Mass	A-D Associates	391 Fulton St, Valley Stream, NY	VA5-8955
Minn	Hornkamp Sales Co	2223 N. 73 St, Milwaukee 13, Wisc	SP4-6258
NJ	A-D Associates	391 Fulton St, Valley Stream, NY	VA5-8955
NY	A-D Associates	391 Fulton St, Valley Stream, NY	VA5-8955
Ohio	Ralph Haffey	Coldwater Rd, Ft. Wayne, Ind	EA2778
Pa	M & S Electronics	P.O. Box 185, Haddonfield, NJ	HA9-1909
Va	M & S Electronics	P.O. Box 185, Haddonfield, NJ	HA9-1909
Wisc	Hornkamp Sales Co	2273 N. 73 St, Milwaukee 13, Wisc	SP4-6258
	DACO INSTRUMENT CO	**Tillary & Prince, Brooklyn 1, NY**	**UL5-8350**
	P Coroz #16 *125 E 200-755-895-1645-1810		
Ariz	E V Roberts & Assoc	240 N Marshall Ave. Scottsdale	WH7-1381
Cal	E V Roberts & Assoc	5068 W Washington Blvd. Los Angeles 16	WE8-2541
Del	L G White & Co	880 Bonifant St. Silver Spring, Md	JU5-3141
DC	L G White & Co	880 Bonifant St. Silver Spring, Md	JU5-3141
Ill	Ringland M Kreuger Co	4738 N Harlem Ave, Chicago 31	UN7-7100
Ind	Ralph S Drummond	PO Box 2657, Cinc 37, Ohio	TW1-1696
Iowa	Pierre Lennmark Co	6504 Walker St. Mpls 26, Minn	WE9-2631
Ky	Ralph S Drummond	PO Box 2657, Cinc 37, Ohio	TW1-1696
Mass	J J Goode Assoc	PO Box 176, Wellesley Hills 81	CE5-0552
Mich	S Sterling Co	5310 McNichols Rd. Detroit 35	BR3-2900
Minn	Pierre Lennmark Co	6504 Walker St. Mpls 26	WE9-2631
Nev	E V Roberts & Assoc	5068 W Washington Blvd. Los Angeles 16	WE8-2541
NJ	Geo Podeyn, Inc	257 Hackensack St. Wood Ridge	GE8-2780
NM	E V Roberts & Assoc	12 C Tulane Dr. SE, Albuquerque	AL5-7304
NY	Geo Podeyn, Inc	470 Northern Blvd. Great Neck	HU7-1173
NC	L G White & Co	880 Bonifant St. Silver Spring, Md	JU5-3141
ND	Pierre Lennmark Co	6504 Walker St. Mpls 26, Minn	WE9-2631
Ohio	Ralph S Drummond	PO Box 2657, Cinc 37	TW1-1696
Pa	L G White & Co	880 Bonifant St. Silver Spring, Md	JU5-3141
SC	L G White & Co	880 Bonifant St. Silver Spring, Md	JU5-3141
SD	Pierre Lennmark Co	6504 Walker St. Mpls 26, Minn	WE9-2631
Tenn	L G White & Co	PO Box 2356, Winston Salem, NC	JU5-3141
Va	L G White & Co	880 Bonifant St, Silver Spring, Md	JU5-3141
W Va	L G White & Co	880 Bonifant St, Silver Spring, Md	JU5-3141
Wis	Ringland M Kreuger	4738 N Harlem Ave, Chicago 31, Ill	UN7-7100
Wis	Pierre Lennmark Co	6504 Walker St. Mpls 26, Minn	WE9-2631
Can	Prima Electronic Components Ltd	668 Dundas Hwy E-Dixie, Ont	CR8-3423
	DAGE DIV, THOMPSON RAMO WOOLDRIDGE INC	**455 Sheridan Ave. Michigan City, Ind**	**TR4-3251**
	W Smith #45 *300 E 280-338-360-895-1075-1135-1150-1275-1340-1435-1910		
Ala	Dage Div TRW, Inc	3224 Peachtree NE, Atlanta 5, Ga	233-3292
Alas	Dage Div TRW Inc	445 E Second St. S, Salt Lake City, Utah	DA2-3812
Ariz	Dage Div TRW, Inc	204 Hindry Ave. Inglewood, Cal	OR8-7891
Ark	Dage Div TRW Inc	Braniff Airways Bldg, Dallas, Tex	FL7-4171
Cal	Dage Div TRW Inc	204 Hindry Ave. Inglewood	OR8-7891
Colo	Dage Div TRW Inc	445 E 2nd S, Salt Lake City, Utah	DA2-3812
Conn	Dage Div TRW Inc	905 Sixteenth St. NW, Wash, DC	ST3-7678
Del	Dage Div TRW Inc	905 Sixteenth St. NW, Wash, DC	ST3-7678
DC	Dage Div TRW Inc	905 Sixteenth St. NW, Wash	ST3-7678
Fla	Dage Div TRW Inc	3224 Peachtree NE, Atlanta 5, Ga	233-3292
Ga	Dage Div TRW Inc	3224 Peachtree NE, Atlanta 5	233-3292
Haw	Dage Div TRW Inc	204 Hindry Ave, Inglewood, Cal	OR8-7891
Idah	Dage Div TRW Inc	445 E 2nd S, Salt Lake City, Utah	DA2-3812
Ill	Dage Div TRW Inc	2947 W Touhy, Chicago 45	
Iowa	Dage Div TRW Inc	2947 W Touhy, Chicago 45, Ill	
Kan	Dage Div TRW Inc	2947 W Touhy, Chicago 45, Ill	
La	Dage Div TRW Inc	Braniff Airways Bldg, Dallas, Tex	FL7-4171
Me	Dage Div TRW Inc	905 Sixteenth St. NW, Wash, DC	ST3-7678
Md	Dage Div TRW Inc	905 Sixteenth St. NW, Wash, DC	ST3-7678
Mass	Dage Div TRW Inc	905 Sixteenth St. NW, Wash, DC	ST3-7678
Minn	Dage Div TRW Inc	2947 W Touhy, Chicago 45, Ill	
Miss	Dage Div TRW Inc	3224 Peachtree NE, Atlanta 5, Ga	233-3292
Mo	Dage Div TRW Inc	2947 W Touhy, Chicago 45, Ill	
Mont	Dage Div TRW Inc	445 E 2nd S, Salt Lake City, Utah	DA2-3812
Neb	Dage Div TRW Inc	2947 W Touhy, Chicago 45, Ill	
Nev	Dage Div TRW Inc	204 Hindry Ave, Inglewood, Cal	OR8-7891
NH	Dage Div TRW Inc	905 Sixteenth St. NW, Wash, DC	ST3-7678
NJ	Dage Div TRW Inc	905 Sixteenth St. NW, Wash, DC	ST3-7678
NM	Dage Div TRW Inc	Braniff Airways Bldg, Dallas, Tex	FL7-4171
NY	Dage Div TRW Inc	905 Sixteenth St. NW, Wash, DC	ST3-7678
NC	Dage Div TRW Inc	3224 Peachtree NE, Atlanta 5, Ga	233-3292
ND	Dage Div TRW Inc	2947 W Touhy, Chicago 45, Ill	
Okla	Dage Div TRW Inc	Braniff Airways Bldg, Dallas, Tex	FL7-4171
Ore	Dage Div TRW Inc	445 E 2nd S, Salt Lake City, Utah	DA2-3812
Pa	Dage Div TRW Inc	905 Sixteenth St. NW, Wash, DC	ST3-7678
RI	Dage Div TRW Inc	905 Sixteenth St. NW, Wash, DC	ST3-7678
SC	Dage Div TRW Inc	3224 Peachtree NE, Atlanta 5, Ga	233-3292
SD	Dage Div TRW Inc	2947 W Touhy, Chicago 45, Ill	
Tenn	Dage Div TRW Inc	3224 Peachtree NE, Atlanta 5, Ga	233-3292
Tex	Dage Div TRW Inc	Braniff Airways Bldg, Dallas	FL7-4171
Utah	Dage Div TRW Inc	445 E 2nd S, Salt Lake City	DA2-3812
Vt	Dage Div TRW Inc	905 Sixteenth St. NW, Wash, DC	ST3-7678
Va	Dage Div TRW Inc	905 Sixteenth St. NW, Wash, DC	ST3-7678
Wash	Dage Div TRW Inc	445 E 2nd S, Salt Lake City, Utah	DA2-3812
W Va	Dage Div TRW Inc	905 Sixteenth St. NW, Wash, DC	ST3-7678
Wis	Dage Div TRW Inc	2947 W Touhy, Chicago 45, Ill	
Wyo	Dage Div TRW Inc	445 E 2nd S, Salt Lake City, Utah	DA2-3812
•	**DAGE ELECTRIC COMPANY INC**	**67 N. Second St, Beech Grove, Ind**	**ST6-0458**
	A Strickland #5 *130 E 345-800-905-1135-1315-1545		
Ala	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR6-4442
Alaska	ARVA	1300 Prospect St, Seattle Wash	MA2-0177
Ariz	Samuel O Jewett Co	13111 N. Ventura Blvd, N. Hollywood, Cal	ST9-8103
Ark	Southwest Electronic Industries	4515 Prentice St, Dallas, Tex	EM3-1671
Cal	Wm W Tompkins & Co	2363 Birch St, Palo Alto, Cal	DA6-7940
Cal	Samuel O Jewett Co	13111 N. Ventura Blvd, N. Hollywood	ST9-8103
Colo	J Fred Gossard	300 Bryant, Denver	WE5-2401
Conn	Henry Lavin Associates Inc	P.O. Box 196, Meriden, Conn	BE7-5527
Del	Naudain-Bohaker Co	Suburban Sta Bldg, Philadelphia, Pa	LO4-3194
DC	Naudain-Bohaker Co	Suburban Sta Bldg, Philadelphia, Pa	LO4-3194
Fla	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR6-4442
Ga	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR6-4442
Idaho	ARVA	1320 Prospect St, Seattle, Wash	MA2-0177
Ill	Wasson-Gallagher	1024 N Blvd, Oak Park	EU3-6572
Ill	Inland Assoc	6047 Howe Dr, Mission, Kan	EN2-2367
Ind	Elmer Jordan	2024 Glen Dr, Jackson, Mich	ST2-0694
Iowa	Wasson-Gallagher	1024 N Blvd, Oak Park, Ill	EU3-6572
La	Southwest Electronic Industries	4515 Prentice St, Dallas, Tex	EM3-1671
Me	Henry Lavin Associates Inc	P.O. Box 196, Meriden, Conn	BE7-5527
Md	Naudain-Bohaker Co	Suburban Sta Bldg, Philadelphia, Pa	LO4-3194
Mass	Henry Lavin Associates Inc	P.O. Box 196, Meriden, Conn	BE7-5527
Mich	Elmer Jordan	2024 Glen Dr, Jackson, Mich	ST2-0694
Minn	A J Warner Co	5022 29th Ave, S., Minneapolis, Minn	PA9-7371
Miss	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR6-4442
Mont	ARVA	1320 Prospect St. Seattle, Wash	MA2-0177
Mo	Inland Assoc	6047 Howe Dr, Mission, Kan	EN2-2367
NH	Henry Lavin Associates Inc	P.O. Box 196, Meriden, Conn	BE7-5527
NJ	Harold Gray Associates	46 Tenafly Rd, Tenafly, NJ	LO7-3585
NJ	Naudain-Bohaker Co	Suburban Sta Bldg, Philadelphia, Pa	LO4-3194
NM	Southwest Electronic Industries	4515 Prentice St, Dallas, Tex	EM3-1671
NY	E E Harries Co	366 Norwood, Buffalo, NY	SU0912
NY	Harold Gray Associates	46 Tenafly Rd, Tenafly, NJ	LO7-3585
NY	George Marron	712 Norman Pl, Westfield, NJ	AD3-5044
NC	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR6-4442
ND	A J Warner Co	5022 29th Ave, S, Minneapolis, Minn	PA9-7371
Ohio	Elmer Jordan	2024 Glen Dr, Jackson, Mich	ST2-0694
Okla	Southwest Electronic Industries	4515 Prentice St. Dallas, Tex	EM3-1671
Ore	ARVA	1320 Prospect St, Seattle, Wash	MA2-0177
Pa	Naudain-Bohaker Co	Suburban Station Bldg, Philadelphia, Pa	LO4-3194
RI	Henry Lavin Associates Inc	P.O. Box 195, Meriden, Conn	BE7-5527
SC	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR6-4442
SD	A J Warner Co	5022 29th Ave, S., Minneapolis, Minn	PA9-7371
Tenn	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR6-4442
Tex	Southwest Electronic Industries	4515 Prentice St, Dallas, Texas	EM3-1671
Utah	J Fred Gossard	300 Bryant, Denver, Colo	WE5-2401
Vt	Henry Lavin Associates Inc	P.O. Box 196, Meriden, Conn	BE7-5527
Va	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR6-4442
Wash	ARVA	1320 Prospect St, Seattle, Wash	MA2-0177
Wis	Wasson-Gallagher	1024 N Blvd, Oak Park, Ill	EU3-6572
Wyo	ARVA	1320 Prospect St, Seattle, Wash	MA2-0177
	DAHLSTROM MFG. CORP	**Jamestown, NY**	**47-101**
	R Anderson #20 *750 F 135-180-260-545-765-895-900-1065-1125-1135-1245-1390		
Mass	Schutter-Young Co	5 Ober St, Beverly	WA2-6121
Mich	W V Otis	1540 Sun Bldg, Detroit, Mich	WO1-8830
NY	M W Wesner	114 Sunset Ave, Lakewood, NY	4681
NY	O J Sutherland	30 Rockefeller Center, New York, NY	CI5-8535
Ohio	F D Birchett	1926 Green Pine Dr, Mt. Healthy 31	WE1-3745
Pa	H C Watson	Lincoln University	OX861-J3
•	**DALE ELECTRONICS INC**	**Box 488, Columbus, Neb**	**LO4-3131**
	I Gates #29 *650 F 45-220-280-320-670-880-895-1165-1200-1330-1475-1830-1855		
Ala	William J Reusor & Associates	134 Bosphorus Ave, Tampa, Fla	8-5415
Ariz	Rudy C Mueller	1200 Stout St, Denver, Colo	TA5-2540
Ark	E F Aymond Co	3915 Lemmon Ave. Dallas, Tex	LA6-5233
Cal	Dale Electronics Inc	236 North Lake, Pasadena, Cal	SY5-9391
Cal	William V Brainard Co	715 Hamilton, Palo Alto, Cal	DA6-5420
Colo	Rudy C Mueller	1200 Stout St, Denver, Colo	TA5-2540
Conn	Kaelber & Mack	1 Park Ave, Manhasset, NY	MA7-6120
Del	R L Wilkinson Inc	707 Stevenson Lane, Towson 4, Md	DR7-7800
DC	R L Wilkinson Inc	707 Stevenson Lane, Towson 4 Md	DR7-7800
Fla	William J Reusor & Associates	134 Bosphorus Ave, Tampa, Fla	8-5415
Ga	William J Reusor & Associates	134 Bosphorus Ave, Tampa, Fla	8-5415
Ill	Leroy W Beier Co	6518 W. North Ave, Chicago, Ill	BE7-7420
Ind	Scott & Stoffer Inc	1836 Euclid Ave, Cleveland 15, Ohio	TO1-2825
Iowa	Leroy W Beier Co	6518 W. North Ave, Chicago 35, Ill	BE7-7420
Iowa	Merrill Franklin Co	308 E. Franklin Ave, Mnpls, Minn	FE6-2315
Kan	Ray Shiras	10825 McGee St, Kansas City, Mo	WI2-0130
Ky	Scott & Stoffer Inc	1836 Euclid Ave, Cleveland 15, Ohio	TO1-2825
La	E F Aymond Co	3915 Lemmon Ave, Dallas 19, Tex	LA6-5233
Me	Kaelber & Mack	1 Park Ave, Manhasset, NY	MA7-6120
Md	R L Wilkinson Inc	707 Stevenson Lane, Towson 4	DR7-7800

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Mass	Kaelber & Mack	1 Park Ave, Manhasset, NY	MA7-6620
Mich	Burcaw-Cowan & Co	22128 Grand River Ave, Detroit 19, Mich	KE3-7700
Minn	Merrill Franklin Co	338 E. Franklin Ave, Minneapolis, Minn	FE6-2315
Miss	William J Reasor & Associates	134 Bosphorus Ave, Tampa, Fla	8-5486
Mo	Ray Deane	10825 McGee St, Kansas City, Mo	WI2-0130
Nev	William V Brainard Co	715 Hamilton, Palo Alto, Cal	DA6-5420
NH	Kaelber & Mack	1 Park Ave, Manhasset, NY	MA7-6620
NJ	Kaelber & Mack	1 Park Ave, Manhasset, NY	MA7-6620
NJ	Robert L Wilkinson Inc	707 Stevenson Ln, Towson 4, Md	VA3-7800
NM	Rudy C Mueller	1200 Stout St, Denver, Colo	TA5-2940
NM	R L Wilkinson Inc	707 Stevenson Lane, Towson 4, Md	DR7-7800
NY	M Farber Assoc	70 W Chippewa St. Buffalo 2	TL6-3543
NY	Kaelber & Mack	1 Park Ave, Manhasset, NY	MA7-6620
ND	Merrill Franklin Co	338 E. Franklin Ave, Minneapolis, Minn	FE6-2315
Ohio	Scott & Steffen Inc	1836 Euclid Ave, Cleveland 15, Ohio	TO1-2626
Okla	E F Aymond Co	3915 Lemmon Ave. Dallas 19, Tex	LA6-5233
Ore	J K Dooley Co	3215 Western Ave. Seattle 1, Wash	AT4-8313
Pa	R L Wilkinson Inc	707 Stevenson Lane, Towson 4, Md	DR7-7800
Pa	Scott & Steffen Inc	1836 Euclid Ave, Cleveland 15, Ohio	TO1-2626
RI	Kaelber & Mack	1 Park Ave, Manhasset, NY	MA7-6620
SC	J Rudisill Assoc	2009 N. Tryon St. Charlotte 6, NC	FR6-4792
SD	Merrill Franklin Co	338 E. Franklin Ave, Minneapolis, Minn	FE6-2315
Tenn	J Rudisill Assoc	2009 N. Tryon St. Charlotte 6, NC	FR6-4792
Tex	E F Aymond Co	3915 Lemmon Ave. Dallas 19	LA6-5233
Utah	Rudy C Mueller	1200 Stout St. Denver, Colo	TA5-2940
Vt	Kaelber & Mack	1 Park Ave, Manhasset, NY	MA7-6620
Va	R L Wilkinson Inc	707 Stevenson Lane, Towson 4, Md	DR7-7800
Wash	J K Dooley Co	3215 Western Ave. Seattle 1	AT4-8313
W. Va	Scott & Steffen Inc	1836 Euclid Ave, Cleveland 15, Ohio	TO1-2626
Wisc	Leroy W Beier Co	6518 W. North Ave, Chicago 35, Ill	BE7-2420
Foreign	Intl Standard Electric Corp	50 Church St, New York 7, NY	BO9-3800
	DALE ELECTRONICS INC. SIOUX DIV	**100 Douglas Ave. Yankton, SD**	**NO5-7887**
	M Bloomyt #4 *70 C 45-320-880-895-1830-1855		
Ala	W J Reasor & Assoc	134 Bosphorus Ave. Tampa, Fla	8-5486
Ariz	R C Mueller	1200 Stout St. Denver, Colo	TA5-2940
Ark	E F Aymond Co	3915 Lemmon Ave. Dallas, Tex	LA6-5233
Cal	W V Brainard Co	715 Hamilton, Palo Alto, Cal	DA6-5420
Cal	Dale Electronics Inc	236 North Lake, Pasadena, Cal	SY5-9381
Colo	R C Mueller	1200 Stout St. Denver	TA5-2940
Conn	Kaelber & Mack	1 Park Ave. Box 291, Manhasset, NY	MA7-6620
Del	R L Wilkinson Inc	707 Stevenson Lane, Towson 4 Md	DR7-7800
DC	R L Wilkinson Inc	707 Stevenson Lane, Towson 4, Md	DR7-7800
Fla	William R Lehmann Co	108 Hillcrest Ave, Orlando, Fla	GA2-9848
Ga	W J Reasor & Assoc	134 Bosphorus Ave, Tampa, Fla	8-5486
Ill	L W Beier Co	6518 W. North Ave. Chicago 35	BE7-2420
Ind	Scott & Steffen Inc	1836 Euclid Ave. Cleveland 15, Ohio	TO1-2626
Iowa	Helmen Co., The	721 W. Lake St. Mnpls, Minn	TA7-4636
Kan	T H Ellis Sales Co. Inc	7711 State Line, KC 14 Mo	HI4-4650
Ky	Scott & Steffen Inc	1836 Euclid Ave. Cleve 15, Ohio	TO1-2626
La	E F Aymond Co	3915 Lemmon Ave. Dallas, Tex	LA6-5233
Me	Kaelber & Mack	1 Park Ave Box 291, Manhasset, NY	MA7-6620
Md	R L Wilkinson Inc	707 Stevenson Lane, Towson 4	DR7-7800
Mass	Kaelber & Mack	1 Park Ave. Box 291, Mannassett, NY	MA7-6620
Mich	Burcaw-Cowan & Co	22128 Grand River Ave. Detroit 19	KE3-7700
Minn	Helmen Co., The	721 W Lake St. Minneapolis	TA7-4636
Miss	W J Reasor & Assoc	134 Bosphorus Ave. Tampa, Fla	8-5486
Mo	T H Ellis Sales Co. Inc	7711 State Line, Kansas City 14	HI4-4650
Mo	R Deane	10825 McGee St. Kansas City	WI2-0130
Neb	The Helman Co	721 W. Lake St. Minneapolis, Minn	TA7-4636
Nev	W V Brainard Co	715 Hamilton, Palo Alto, Cal	DA6-5420
NH	Kaelber & Mack	1 Park Ave. Box 291, Manhasset, NY	MA7-6620
NJ	Robert L Wilkinson Inc	707 Stevenson Ln, Towson 4, Md	DR7-7800
NJ	Kaelber & Mack	1 Park Ave. Box 291, Manhasset, NY	MA7-6620
NM	R L Wilkinson Inc	707 Stevenson Lane, Towson 4, Md	DR7-7800
NY	Kaelber & Mack	1 Park Ave. Box 291, Manhassett, NY	MA7-6620
NY	Manny Farber Assoc	70 W Chippewa St. Buffalo 2, NY	TL6-3543
NC	Jake Rudisill Assoc	2009 N Tryon St. Charlotte 6	FR6-4792
Ohio	Scott & Steffen Inc	1836 Euclid Ave. Cleve 15	TO1-2626
Okla	E F Aymond Co	3915 Lemmon Ave. Dallas 19, Tex	LA6-5233
Ore	J K Dooley Co	3215 Western Ave. Seattle, Wash	AT4-8313
Pa	Scott & Steffen Inc	1836 Euclid Ave. Cleve 15, Ohio	TO1-2626
Pa	Robert L Wilkinson Inc	707 Stevenson Ln, Towson 4, Md	DR7-7800
RI	Kaelber & Mack	1 Park Ave. Manhasset, NY	MA7-6620
SC	Jake Rudisill Assoc	2009 N Tryon St, Charlotte 6, NC	FR6-4792
Tenn	J Rudisill Assoc	2009 N. Tryon St. Charlotte 6, NC	FR6-4792
Tex	E F Aymond Co	3915 Lemmon Ave. Dallas 19	LA6-5233
Utah	R C Mueller	1200 Stout St. Denver, Colo	TA5-2940
Vt	Kaelber & Mack	1 Park Ave. Box 291, Manhasset, NY	MA7-6620
Va	R L Wilkinson Inc	707 Stevenson Lane, Towson 4, Md	DR7-7800
Wash	J K Dooley	3215 Western Ave. Seattle 1	AT4-8313
W Va	Scott & Steffen	1836 Euclid Ave. Cleve 15, Ohio	TO1-2626
Wis	L W Beier Co	6518 W. North Ave. Chicago 35, Ill	BE7-2420
For	International Standard Elec. Corp	50 Church St. NY 7, NY	BO9-3800
	DALMO VICTOR CO DIV TEXTRON INC	**1515 Industrial Way, Belmont, Cal**	**LY1-1414**
	W Rock *700 G 20-45-338-895-1135-1395		
Cal	Thorson Co, The	7361 Melrose Ave. LA 46	WE4-1191
Cal	Thorson Co, The	444 Olive St. San Diego	CY8-8395
Cal	Thorson Co, The	2443 Ash St. Palo Alto	DA1-2414
Colo	Thorson Co, The	3600 S Lincoln, Englewood	SU9-1841
Mo	East Coast Eng. Sales & Service	625 Hickory Ln. St. Louis 31	YO6-4815
NY	East Coast Eng. Sales & Service	1405 Northern Blvd. Roslyn	MA1-7500
Ohio	M Harmon	599 E. Xenia Dr. Fairborne	TR8-6580
Ohio	C Biales	1719 Harvard Blvd. Dayton 6	CR7-3081
Wash	Thorson Co, The	1767-15th Ave. S, Seattle 44	EA5-5000
	DALTRONICS INC	**100 Manton Ave. Providence 9, RI**	**EL1-3525**
	D Mendelsohn #2 *65 C 450-670-895-1830		
Ariz	Thomas L Stevens Co	15222 S Grevillea Ave. Lawndale, Cal	OR8-4782
Cal	Thomas L StevensCo	15222 S Grevillea Ave. Lawndale, Cal	OR8-4782
Cal	Beall Electronic Sales	PO Box 907, Palo Alto	DA1-8501
Ill	William T McGary	6635 Delmar Blvd. St Louis 5, Mo	PA5-6430
Iowa	William T McGary	6645 Delmar Blvd. St Louis 5, Mo	PA5-6430
Mass	Saunders & Co	8 Prospect St. Waltham	TW4-6071
Mo	William T McGary	6635 Delmar Blvd. St Louis 5	PA5-6430

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Neb	William T McGary	6635 Delmar Blvd. St Louis 5, Mo	PA5-6430
Nev	Beall Electronics SalesCo	PO Box 907, Palo Alto, Cal	DA1-8501
NM	Thomas L Stevens Co	15222 S Grevillea Ave. Lawndale, Cal	OR8-4782
NY	Saunders & Co	PO Box 362, N Syracuse	GI4-4730
Pa	Beebe & Aikman	237 Lancaster Ave. Devon	MU8-5173
	DALWELD CO., INC	**11 Bertel Ave, Mt. Vernon, NY**	
	***28 E 700-1125-1350-1625-1960**		
Conn	Alex Campbell	Middlebury, Conn	
Kan	Jerry Penzner	8300 W 92 St, Overland Park, Kan	
NJ	Al Behrend	RD 1 - Box 282, Stanhope, NJ	
Ohio	G Medsker	141 N Logan St, Elyria, Ohio	
Wisc	John A Heider	2826 N. Lefeber Ave, Milwaukee, Wisc	
	DAMPP-CHASER INC	**Box 1641 Hendersonville, NC**	**692-8271**
	N Secoschko Jr #3 *20 B 445		
Fla	H H Wayner	41 NW. 6th St. Miami 32	FR4-0475
NY	Leonard G Ashcraft	2 Stuyvesant Oval, New York 9, NY	YU2-2877
Tex	Hiram W Harting	6647 Cadillac, Houston 21, Tex	JA9-1514
	DANIELS INC., C R	**Daniels, Md**	**HO5-1200**
	C Silvernail #14 *420 F 230-620-625-1135		
Cal	C R Daniels Inc	420 Market St, San Francisco 11, Cal	YU2-2531
Fla	C R Daniels Inc	711 Magnolia Ave. Orlando	CH1-3283
Haw	C R Daniels Inc	449 Merchandise Mart Bldg. Honolulu 13	65-578
Ill	C R Daniels Inc	549 W. Randolph St, Chicago 6, Ill	FR2-4200
Mass	C R Daniels Inc	25 Huntington Ave, Boston 16, Mass	CO7-3630
Mich	C R Daniels Inc	20225 Mack Ave. Detroit 36	TU1-4470
Minn	C R Daniels Inc	1152 Plymouth Bldg. Mnpls 1	FE6-2124
Mo	C R Daniels Inc	3908 Laclede Ave, St. Louis 8, Mo	JE3-0986
NJ	C R Daniels Inc	301 Main St, Orange, NJ	OR6-8650
NY	C R Daniels Inc	217 E. Ave. Rochester 4	BA5-8490
NY	C R Daniels Inc	75 W. St. NY 6	WH3-5100
NY	C R Daniels Inc	75 West St, New York 6, NY	WH3-5100
NY	C R Daniels Inc	172 Argonne Dr, Kenmore, NY	BE2935
NC	C R Daniels Inc	227 W. Third St, Charlotte 2, NC	ED3-7787
Ohio	C R Daniels Inc	3029 Warren Rd. Cleve 11	AC1-8110
Ohio	C R Daniels Inc	1500 W. 3rd Ave. Columbus 12	HU6-9949
Ohio	C R Daniels Inc	27 Water St. Milford	TE1-5577
Ohio	C R Daniels Inc	Box 25, Goshen, Ohio	RE4-6211
Pa	C R Daniels Inc	5553 Baltimore Ave, Philadelphia 43, Pa	GR4-5015
Pa	C R Daniels Inc	1029 Wood St, Pittsburgh 21, Pa	PE1-9315
Tex	C R Daniels Inc	9200 Chancellor Row, Dallas 7, Tex	FL2-9010
Va	C R Daniels Inc	1 N. 6th St. Richmond 19	MI3-6965
Wisc	C R Daniels Inc	1827 N. Farwell Ave, Milwaukee 2, Wisc	BR2-2785
●	**DANO ELECTRIC CO**	**Main St, Winsted, Conn**	
	H Sisson *150 E 320		
	DANTE ELECTRIC MFG CO	**P.O. Box 6, Benton, Conn**	**JO7-5307**
	J Dante #1 *12 A 300-345-1780		
Conn	L E Whelan Co	P.O. Box 752, Hartford, Conn	
Fla	Palco Electrical Sales	P.O. Box 6343, W. Palm Beach, Fla	
Ill	C W Lint & Associates	2323 W. 18th St, Chicago, Ill	
Mass	Frank W Garner	18 Scotia St, Boston 16, Mass	
Mass	M C Shine	Box 27, Newton Centre, Mass	
NJ	Levy Elec Sales	570 Clinton Ave, Newark 8, NJ	
	(DARE) DAYTON AVIATION RADIO & EQUIP CORP	**Box 312, Troy, Ohio**	**FE2-5513**
	E Polensky #15 *250 E 35-45-325-895-1425-1845-1870		
DC	Fred Israel & Assoc	1010 Vermont Ave. NW, Wash 5	EX3-3453
Can	Technical Enterprises Ltd	Toronto Municipal Airport, Malton, Ont	BU6-2101
For	Allied International Fed Inc. USA	230 Park Ave. New York 17, NY	MU9-6125
	DATA-CONTROL SYSTEMS, INC	**E Liberty St, Danbury, Conn**	**PI3-9241**
	B Greenfield #50 *250 E 325-330-338-365-440-670-875		
Cal	Collins Electronics Sales Inc	535 Middlefield Rd, Palo Alto, Cal	DA6-0647
Cal	Data-Control Systems, Inc	3141 W Century Blvd, Inglewood, Cal	OR8-9856
DC	Data-Control Systems, Inc	3403 Dent Pl NW, Washington, DC	EX3-0111
	DATA EQUIPMENT CO	**923 E. 3rd St, Los Angeles 13, Cal**	**MA6-2325**
	100-200-205-338-360-365-380-430-440-450-460-600-635-895-945-950-1075-1115-1125-1135-1175-1210-1435-1470-1515-1760-1770		
	DATAFILTER CORP	**5921 Noble Ave. Van Nuys, Cal**	**ST1-2631**
	C Wright #2 *19 A 320-450-670-1855		
Cal	Jay Stone & Assoc	349 1st St. Los Altos	WH8-4563
NJ	Kenneth E Hughes Co. Inc	4808 Bergenline Ave. Union City	UN7-3204
NY	Kenneth E Hughes Co. Inc	4808 Bergenline Ave. Union City, NJ	OX5-0082
Pa	Kenneth E Hughes Co. Inc	4808 Bergenline Ave. Union City, NJ	UN7-3204
	DATA-MASTER CORP	**85 Hazel St. Glen Cove, NY**	**OR6-7300**
	G Hanson #10 *50 325-338-360-895		
Ala	Bristol Co., The	1021 Comer Bldg. Birmingham 3	AL1-0034
Cal	Bristol Co., The	40 Berry St. San Francisco 7	GA1-5462
Cal	Bristol Co, The	6800 E Acco St, Los Angeles	RA3-9751
Colo	Bristol Co., The	4555 E 46th Ave. Denver 16	DE3-6228
Conn	Bristol Co., The	Waterbury 20	PL6-4451
Del	Bristol Co., The	374 Delaware Trust Bldg. Wilmington	OL4-1183
Fla	Bristol Co., The	945 Central Ave. St Petersburg	OR1-5151
Ga	Bristol Co., The	231 Healey Bldg. Atlanta 3	JA2-7607
Ill	Bristol Co., The	2040 N Hawthorne Ave. Chicago	ES9-6800
Ind	Bristol Co., The	PO Box 5594, Uptown Sta, Indpls	WA4-4343
Iowa	Bristol Co, The	611 Kahl Bldg. Davenport	3-1131
La	Bristol Co., The	504 Delta Bldg. New Orleans 12	MA5522
Me	Bristol Co., The	Statler Bldg. Boston 16, Mass	HU2-1728
Md	Bristol Co., The	5439 Harford Rd. Baltimore 14	HA6-5766
Mass	Bristol Co., The	Statler Bldg. Boston 16	HU2-1728
Mich	Bristol Co., The	10329 W McNichols Rd. Detroit 21	UN4-4284
Minn	Bristol Co., The	717 Merchandise Bldg. Mnpls 3	FE3-0714
Mo	Bristol Co., The	434 Cotton Belt Bldg. St Louis 2	CH1-7892
Mo	Bristol Co., The	300 Crawford Bldg. Kansas City	HA1-7301
NJ	Bristol Co., The	PO Box 62, Springfield	DR6-3810
NY	Bristol Co., The	250 W 57th St. New York 19	CI5-4953
NC	Bristol Co., The	PO Box 3180, Charlotte	FR5-7658
Ohio	Bristol Co., The	1717 Section Rd. Cincinnati 37	EL1-0328
Ohio	Bristol Co., The	8905 Lake Ave. Cleveland 2	AT1-6924

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Okla	Bristol Co., The	609 Mayo Bldg. Tulsa	LU4-2178
Ore	Bristol Co., The	1233 NW 12th Ave. Portland	CA2-6529
Pa	Bristol Co., The	Market St. Natl Bank Bldg. Phila 7	LO3-2386
Tenn	Bristol Co., The	PO Box 202, Knoxville	5-5992
Tex	Bristol Co., The	PO Box 22113, Houston 27	MO7-6509
Utah	Bristol Co., The	138 S Second East, Salt Lake City 11	EL5-0276
Wash	Bristol Co., The	101 Jones Bldg. Seattle 1	MA3-3361
W Va	Bristol Co., The	1216 Quarrier St. Charleston 27	DI6-6472
Wis	Bristol Co., The	735 N Water St. Milwaukee 2	BR6-4393
Can	Bristol Co of Can, Ltd, The	71-79 Duchess St, Toronto 2, Ont	EM3-3421
For	Bristol's Instr Co, Ltd	Century Wks, Lewisham, London SE 13, Eng	EM3-3421
	DATA PRODUCTS CO., INC	**7320 Westmore Rd, Rockville, Md**	**GA4-6750**
	V Poor #5 *55 C 325-338-895-950-1470-1770		
	DATA SYSTEMS DEPT. NORDEN DIV. UNITED AIRCRAFT CORP	**3501 Harbor Blvd. Costa Mesa, Cal**	**KI5-9351**
	R Guene II #50 *200 E 338-360-895		
Conn	Data Systems	400 Main St, E. Hartford 8, Conn	JA8-4811
Ill	Data Systems	206 W. State St. Rockford	WO5-1891
	DATA TECHNOLOGY INC	**Box 6324, Sta. B Albuquerque, NM**	**DI4-1693**
	D Button #3 *6 B 895		
Ariz	Brooks Feeger & Associates	34A E. 1st St, Scottsdale, Ariz	WH6-2111
Cal	Cerruti & Associates	841 Woodside Rd, Redwood City, Cal	EM9-3354
Colo	Brooks Feeger & Associates	3041 S. Broadway, Englewood, Colo	SU1-7375
NM	Brooks Feeger & Associates	5510 Domingo Rd, N.E., Albuquerque, NM	AM8-1724
Tex	Pan Tech Eng. Co	Box 22491, Houston 27	MO6-0248
Utah	Brooks-Feeger & Assoc	253 Rio Grande, Salt Lake City	EL9-2427
	DATEX CORP	**1307 S. Myrtle Ave, Monrovia, Cal**	**EL9-5381**
	M Joacich #50 *220 E 338-895		
Cal	Datex Corp	1885 The Alameda San Jose, Cal	CH3-4167
Ill	Datex Corp	3742 Dempster St, Skokie, Ill	OR6-3636
NJ	Datex Corp	845 Broad St, Ridgefield, NJ	WH5-0150
	DAUBERT CHEMICAL CO	**4700 S. Central Ave, Chicago 38, Ill**	**LU2-1000**
	***100 30-315-1220**		
Cal	J G Schafer	1381 Lucinda Way, Santa Ana	LI4-4570
●	**DAVEN CO**	**Rt 10, Livingston, NJ**	**WY2-4300**
	L Webb #27 *1149 F 50-250-325-330-338-365-450-670-895-915-1200-1340-1475-1735		
Ala	Murphy & Cota	112 Gallatin St. SW Huntsville	
Alas	H Levinson Co	1211 E. Denny Way, Seattle, Wash	EA3-5100
Ariz	M A Stolaroff Co	4622 W. Slauson Ave, Los Angeles, Cal	AX3-6226
Ark	John A Green Co	7118 Envoy Ct, Dallas, Tex	FL1-9947
Cal	C W Mauldin Co	441 W. Calif Ave. Palo Alto, Calif	DA6-5291
Cal	M A Stolaroff Co	4622 W. Slauson Ave, Los Angeles, Cal	AX3-6226
Colo	F Y Gates Co	200 S. Main St, Salt Lake City, Utah	EL9-1101
Conn	Stanley B Pierce Associates	583 Neponset St, Norwood, Mass	NO7-3164
Del	Victor S Malta	801 Preston Rd, Philadelphia, Pa	VE6-5122
DC	Victor S Malta	801 Preston Rd, Philadelphia, Pa	VE6-5122
Fla	Murphy & Cota	2319 E South St. Orlando	GA4-2167
Ga	Murphy & Cota	2110 Peachtree Rd, Atlanta, Ga	TR6-3020
Haw	C W Mauldin Co	441 W. California Ave. Palo Alto, Cal	DA6-5291
Idah	H Levinson Co	1211 E. Denny Way, Seattle, Wash	EA3-5100
Ill	J G Twist Co	5222 W. Diversey Ave. Chicago	SP7-2250
Ill	Norman W Kathrinus & Co	4356 Duncan Ave, St. Louis, Mo	OL2-7005
Ind	Leslie M DeVoe Co	4010 Washington Blvd, Indianapolis, Ind	AT3-1395
Iowa	Jerry Vrbik Co	419 3rd St, S.E., Cedar Rapids, Iowa	EM5-0461
Kan	Norman W Kathrinus & Co	4306 Cambridge, Kansas City, Kan	JO2-4108
Ky	Leslie M DeVoe Co	4010 Washington Blvd, Indianapolis, Ind	AT3-1395
La	John A Green Co	Box 6426, Fairview Sta, Houston, Tex	JA6-2959
Me	Stanley B Pierce Associates	583 Neponset St, Norwood, Mass	NO7-3164
Md	Victor S Malta	801 Preston Rd, Philadelphia, Pa	VE6-5122
Mass	Stanley B Pierce Associates	583 Neponset St, Norwood, Mass	NO7-3164
Mich	R S Lohmann Co	12730 Fenkell, Detroit, Mich	UN2-9465
Minn	Jerry Vrbik Co	419 3rd St, S.E., Cedar Rapids, Iowa	EM5-0461
Miss	Murphy & Cota	112 Gallatin St. SW Huntsville, Ala	
Mo	Norman W Kathrinus & Co	4356 Duncan Ave, St. Louis, Mo	OL2-7005
Mont	H Levinson Co	1211 E. Denny Way, Seattle, Wash	EA3-5100
Neb	Jerry Vrbik Co	419 3rd St, S.E., Cedar Rapids, Iowa	EM5-0461
Nev	C W Mauldin Co	441 W. California Ave. Palo Alto, Cal	DA6-5291
NH	Stanley B Pierce Associates	583 Neponset St, Norwood, Mass	NO7-3164
NJ	Victor S Malta	801 Preston Rd, Philadelphia, Pa	VE6-5122
NM	F Y Gates Co	122 Harvard Dr, S.E., Albuquerque, NM	CH3-8010
NY	Frank W Taylor Co., Inc	4455 E. Genesee St, DeWitt, NY	GI6-0422
NC	Murphy & Cota	1106 Burke St, Winston-Salem, NC	PA4-0750
NC	Murphy & Cota	221 Latta Arcade, Charlotte, NC	FR5-2317
ND	Jerry Vrbik Co	419 3rd St, S.E., Cedar Rapids, Iowa	EM5-0461
Ohio	Allen Nace Co	Box 146, Brecksville, Ohio	JA6-4323
Ohio	Allen Nace Co	Box 93, Riverdale Sta, Dayton, Ohio	CR7-8215
Okla	J A Green Co	Box 911, Tulsa	RI2-4657
Ore	H Levinson Co	1211 E. Denny Wash, Seattle, Wash	EA3-5100
Pa	Victor S Malta	801 Preston Rd, Philadelphia, Pa	VE6-5122
RI	Stanley B Pierce Associates	583 Neponset St, Norwood, Mass	NO7-3164
SC	Murphy & Cota	221 Latta Arcade, Charlotte, NC	FR5-2317
SD	Jerry Vrbik Co	419 3rd St, S.E., Cedar Rapids, Iowa	EM5-0461
Tenn	Murphy & Cota	112 Gallatin St. SW Huntsville, Ala	
Tenn	Murphy & Cota	2110 Peachtree Rd, Atlanta, Ga	TR6-3020
Tex	John A Green Co	7118 Envoy Ct, Dallas, Tex	FL1-9947
Tex	John A Green Co	Box 6426, Fairview Sta, Houston, Tex	JA6-2959
Tex	F Y Gates Co	122 Harvard Dr, S.E., Albuquerque, NM	CH3-8010
Utah	F Y Gates Co	200 S. Main St, Salt Lake City, Utah	EL9-1101
Vt	Stanley B Pierce Associates	583 Neponset St, Norwood, Mass	NO7-3164
Va	Murphy & Cota	1106 Burke St, Winston-Salem, NC	PA4-0750
Va	Victor S Malta	801 Preston Rd, Philadelphia, Pa	VE6-5122
Wash	H Levinson Co	1211 E. Denney Way, Seattle	EA3-5100
W. Va	Allen Nace Co	Box 93, Riverdale Sta, Dayton, Ohio	CR7-8215
Wis	J G Twist Co	5222 W. Diversey Ave. Chicago, Ill	SP7-2250
Wyo	F Y Gates Co	200 S. Main St, Salt Lake City, Utah	EL9-1101
Canada	Adams Engineering Ltd	1500 St. Catherine St, W., Montreal	WE3-6857
Foreign	Rocke International Corp	13 E. 40th St, New York 16, NY	MU9-0200
●	**DAVENPORT MFG. DIV. DUNCAN ELECT. CO. INC**	**2530-32 Elston Ave. Chicago 47, Ill**	**DI2-5620**
	D Davenport #2 *16 C 360-365-895-915-1080-1340-1455		
Ariz	Robert G Moye Co	116 S. Stoneman Ave, Alhambra, Cal	CU3-1669

● INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Featherstone & Salisbury Co	1355 Market St, San Francisco 3, Cal	KL2-2311
Cal	Robert G Moye Co	115 S. Stoneman Ave, Alhambra, Cal	CU3-1669
Conn	Saunders and Co	8 Prospect St, Waltham, Mass	TW4-6071
DC	The Hillenbrand Co	P.O. Box 1060, Fairfax, Va	CR3-2334
Fla	Mark Electronic Sales Co	400 N.E. 147th Terr, N. Miami 61, Fla	WI7-5080
Ill	Murphy & Dickey	537 S. Dearborn St, Chicago 5, Ill	HA7-7953
Ind	Murphy & Dickey	537 S. Dearborn St, Chicago 5, Ill	HA7-7953
Iowa	Murphy & Dickey	537 S. Dearborn St, Chicago 5, Ill	HA7-7953
Ky	Bernard Michaelson Co	321 N. Monroe St, Xenia, Ohio	DR2-5496
La	Brive Sales Service	3425 W. Holcombe St, Houston 25, Tex	MO5-3978
Me	Saunders and Co	8 Prospect St, Waltham, Mass	TW4-6071
Md	Hillenbrand Co., The	P.O. Box 1060, Fairfax, Va	CR3-2334
Mass	Saunders and Co	8 Prospect St, Waltham, Mass	TW4-6071
Nev	Robert G Moye Co	115 S. Stoneman Ave, Alhambra, Cal	CU3-1669
NH	Saunders and Co	8 Prospect St, Waltham, Mass	TW4-6071
NY	Robert F Lamb Co	3407 Delaware Ave, Buffalo 17, NY	BE3757
Ohio	Fred P Sharp Co	2138 Lee Rd, Cleveland 18, Ohio	FA1-4200
Ohio	Bernard Michaelson Co	321 N. Monroe St, Xenia, Ohio	DR2-5496
Pa	Fred P Sharp Co	2138 Lee Rd, Cleveland 18, Ohio	FA1-4200
RI	Saunders and Co	8 Prospect St, Waltham, Mass	TW4-6071
Tex	Brive Sales & Service Co	3425 W. Holcombe St, Houston 25, Tex	MO5-3978
Vt	Saunders and Co	8 Prospect St, Waltham, Mass	TW4-6071
Va	Hillenbrand Co., The	P.O. Box 1060, Fairfax, Va	CR3-2334
W. Va	Hillenbrand Co., The	P.O. Box 1060, Fairfax, Va	CR3-2334
	DAVIDSON OPTRONICS INC	**2223 Ramona Blvd, W. Covina, Cal**	**ED7-7281**
	J McBride #7 *175 885-1015		
Cal	Lee Van Valkenburg	2720 S Hacienda Blvd. La Puente	ED3-6437
Conn	Judge Tool Sales	175 Rennel Dr. Southport	CL9-1619
Conn	J K Triplett	Box 288, Ridgeway Station, Stamford	DA4-9155
Del	Holco	122 Westchester Pike, Havertown, Pa	SU9-7477
DC	Holco	122 Westchester Pike, Havertown, Pa	SU9-7477
Iowa	Ted Finsberg	384 Park Terrace S E, Cedar Rapids	EM2-6547
Mass	Kenneth Blaisdell	17 Savoy Rd, E. Longmeadow	
Mass	Gordon Yale & Associates	14 Everette Paine Blvd, Marblehead, Mass	NE1-0068
Pa	Holco	122 Westchester Pike, Havertown, Pa	SU9-7477
Tenn	Bud Watts Machinery Co	P O Box 5435, Memphis	WH2-2497
Wash	Perine Machinery & Supply	3821 1st Ave, S., Seattle 4, Wash	MA2-2620
Wis	Ernst Associates	2611 N Downer Ave, Milwaukee 11	WO4-3450
	DAVIES MOLDING CO, HARRY	**1428 N. Wells St, Chicago 10, Ill**	**MI2-7240**
	L Dauchenbeder #3 *160 E 180-230-785-895-960-1245-1285		
Cal	Littrell Hardware Lines	5121 E. 12th St, Los Angeles 23, Cal	AN1-0165
DC	Wm G Walker	Box 935, Paoli, Pa	MA7-8146
Fla	Johnson Associates	Dunedin, Fla	
Ill	David Maybaker	2510 Ridge Rd, Evanston, Ill	GR5-4334
Ind	Art Armholt & Co	2111 California, Columbus, Ind	DR6-6342
Iowa	Clancey Co	5844 Valdez Dr, Des Moines, Iowa	CR9-9102
Kan	Clancey Co	3527 Broadway, Kansas City 11, Mo	WE1-3090
Ky	Art Armholt & Co	2111 California, Columbus, Ind	DR6-6342
Md	Wm Walker	Box 935, Paoli, Pa	MA7-8146
Mass	P R Sturgeon Inc	25 Huntington Ave, Boston, Mass	KE6-5580
Mich	Gibbs Co	12920 W. 8 Mile Rd, Detroit 35, Mich	DI1-9270
Minn	R H Clague Co	759 N. Milwaukee St, Milwaukee 2, Wisc	BR2-1951
Mo	Clancey Co	3527 Broadway, Kansas City 11, Mo	WE1-3090
NH	P R Sturgeon	25 Huntington Ave, Boston, Mass	KE6-5580
NY	Ryvel Sales Inc	130 N. Village Ave, Rockville Centre, NY	RO4-2666
Ohio	Foley & Swinsan Co., The	24225 Hedgewood Ave, Westlake	SP7-2438
Okla	Clancey Co	3527 Broadway, Kansas City 11, Mo	WE1-3090
Ore	North West Plastics Industries Inc	1220 Cherry St, Seattle 22, Wash	EA2-8314
Pa	Wm G Walker	Box 935, Paoli, Pa	MA7-8146
RI	P R Sturgeon Inc	25 Huntington Ave, Boston, Mass	KE6-5580
Tex	A & A Sales	1839 Lowe St, Dallas 9, Tex	DR6-6342
Vt	P R Sturgeon Inc	25 Huntington Ave, Boston, Mass	KE6-5580
Wash	North West Plastics Industries Inc	1220 Cherry St, Seattle 22, Wash	EA2-8314
Wisc	R H Clague	759 N. Milwaukee St, Milwaukee, Wisc	BR2-1951
Can	Atlas Radio Corp, Ltd	50 Wingold, Toronto, Ont	RU1-6174
	DAVIS ELECTRIC CO	**Cape Girardeau, Mo**	**ED5-5547**
	W Davis #3 *200 E 1460		
Colo	Automatic Gen Electronic Sales Inc	6650B Troost Ave, Kansas City 31, Mo	DE3-8206
Conn	Nicor, Inc	R.F.D. #1, Box 52, N Madison, Conn	
Fla	John F Mattes	7210 Red Rd, Miami 43, Fla	MO5-3574
Ill	Giesel Sales Co	5435 N. Northwest Hwy, Chicago 30, Ill	SP4-4600
Ill	Harlan J Wessler & Associates	8190 Luckland Rd, St. Louis 14, Mo	HA8-3934
Ind	W H Myers Sales Co	P.O. Box 101, N Webster, Ind	TE4-2570
Iowa	Automatic General Elec Sales Inc	6650B Troost Ave, Kansas City 31, Mo	DE3-8206
Kan	Automatic Gen Electronic Sales Inc	6650-B Troost Ave, Kansas City 31, Mo	DE3-8206
Me	Near Inc	99 Highland Ave, Somerville 43, Mass	PR6-2262
Mass	Near Inc	99 Highland Ave, Somerville 43, Mass	PR6-2262
Mo	Harlan J Wessler & Associates	8190 Luckland Rd, St. Louis 14, Mo	HA8-3934
Mo	Automatic Gen Electronic Sales Inc	6650-B Troost Ave, Kansas City 31, Mo	DE3-8206
Neb	Automatic Gen Electronic Sales Inc	6650B Troost Ave, Kansas City 31, Mo	DE3-8206
NH	Near Inc	99 Highland Ave, Somerville 43, Mass	PR6-2262
NJ	F F Sylvester Associates	649 Norris Ave, Springfield, NJ	DR6-3324
NY	Automatic Gen Electronic Sales Inc	6650B Troost Ave, Kansas City 31, Mo	DE3-8206
NY	Walter P Andrews Inc	319 Mott Rd, Fayetteville, NY	NE7-6405
NY	F F Sylvester Associates	649 Norris Ave, Springfield, NJ	DR6-3324
Ohio	Components Engineering Co	7461 N. Linden Ln, Cleveland 30, Ohio	VI2-2737
Okla	Automatic Gen Electronic Sales Inc	2527B McKinley Ave, Dallas 1, Tex	RI7-8779
Pa	W Henry Cordray Sales Co	Barclay Bldg, Bala-Cynwyd, Pa	TR8-3737
Pa	W Henry Cordray Sales Co	18 E. Chelten Ave, Phila 44, Pa	VI8-0447
RI	Near Inc	Box 184, Yalesville, Conn	CO9-9332
SC	W Henry Cordray Sales Co	18 E. Chelten Ave, Phila 44, Pa	VI8-0447
Tex	Automatic Gen Electronic Sales Inc	2527 B McKinney Ave, Dallas 1, Tex	RI7-8779
Vt	Near Inc	99 Highland Ave, Somerville 43, Mass	PR6-2262
	DAVE INSTRUMENTS LTD	**Harlequin Ave, Brentford Middx, Eng**	**ISL7331**
	W Mance 670-895-1075-1915		
Ohio	Hickok Electrical Instrument Co	10514 Dupont Ave, Cleveland 8, Ohio	LI1-8060
Canada	E W I Cotter Electronics Ltd	P.O. Box 575, Dartmouth, N.S., Canada	
Canada	Hickok Electrical Instrument Co	10514 Dupont Ave, Cleveland 8, Ohio	
	DAYSTROM INC		
	CONTROL SYSTEMS DIV	**4455 Miramar Rd, La Jolla, Cal**	**GL4-0421**
	T Walling #150 *250 C 325-328-360-895-1460		
Ala	B Richards	1734 Candler Building, Atlanta, Ga	JA3-4126
Ark	R W Hooper	3405 Mercer, Houston 25, Tex	
Colo	Alden Webber	Rt 2, P.O. Box 34, Berthoud, Colo	KE2-2328
Conn	M Lyford	104 E. 36th St, NY 16	OR9-1370
Del	M Lyford	104 E. 36th St, NY 16	OR9-1370
DC	Daystrom Inc	425 13th St, NW, Washington	RE7-1366
Fla	B Richards	1734 Candler Bldg, Atlanta, Ga	JA3-4126
Ga	B Richards	1734 Candler Bldg, Atlanta	JA3-4126
Ill	J Delk	324 Rosewood, Winnetka	HI6-7699
Ind	J Delk	324 Rosewood, Winnetka, Ill	HI6-7699
Iowa	J Delk	324 Rosewood, Winnetka, Ill	HI6-7699
Kan	Alden Webber	Rt 2, P.O. Box 34, Berthoud, Colo	KE2-2328
Ky	B Richards	1734 Candler Bldg, Atlanta, Ga	JA3-4126
La	R W Hooper	3405 Mercer, Houston 25, Tex	
Me	M Lyford	104 E. 36th St, NY 16	OR9-1370
Md	M Lyford	104 E. 36th St, NY 16	OR9-1370
Mass	M Lyford	104 E. 36th St, NY 16	OR9-1370
Mich	J Delk	324 Rosewood, Winnetka, Ill	HI6-7699
Minn	J Delk	324 Rosewood, Winnetka, Ill	HI6-7699
Miss	B Richards	1734 Candler Bldg, Atlanta, Ga	JA3-4126
Mo	J Delk	324 Rosewood, Winnetka, Ill	HI6-7699
Mont	Alden Webber	Rt 2, P.O. Box 34, Berthoud, Colo	KE2-2328
Neb	Alden Webber	Rt 2, P.O. Box 34, Berthoud, Colo	KE2-2328
NH	M Lyford	104 E. 36th St, NY 16	OR9-1370
NJ	M Lyford	104 E. 36th St, NY 16	OR9-1370
NY	M Lyford	104 E. 36th St, NY 16	OR9-1370
NC	B Richards	1734 Candler Bldg, Atlanta, Ga	JA3-4126
ND	Alden Webber	Rt 2, P.O. Box 34, Berthoud, Colo	KE2-2328
Ohio	J Delk	324 Rosewood, Winnetka, Ill	HI6-7699
Okla	R W Hooper	3405 Mercer, Houston 25, Tex	
Pa	M Lyford	104 E. 36th St, NY 16	OR9-1370
RI	M Lyford	104 E. 36th St, NY 16	OR9-1370
SC	B Richards	1734 Candler Bldg, Atlanta, Ga	JA3-4126
SD	Alden Webber	Rt 2, P.O. Box 34, Berthoud, Colo	KE2-2328
Tenn	B Richards	1734 Candler Bldg, Atlanta, Ga	JA3-4126
Tex	R W Hooper	3405 Mercer, Houston 25	
Vt	M Lyford	104 E. 36th St, NY 16	OR9-1370
Va	B Richards	1734 Candler Bldg, Atlanta, Ga	JA3-4126
W Va	B Richards	1734 Candler Bldg, Atlanta, Ga	JA3-4126
Wis	J Delk	324 Rosewood, Winnetka, Ill	HI6-7699
Wyo	Alden Webber	Rt 2, P.O. Box 34, Berthoud, Colo	KE2-2328
	DAYSTROM INC MILITARY ELEC DIV	**Archbald, Pa**	**JE1100**
	L Daniels #200 *1000 15-20-280-325-338-360-365-565-885-895-1120-1135-1150-1200-1305-1330-1395-1425-1470-1530-1535-1610-1845-1870		
•	**DAYSTROM INC. POTENTIOMETER DIV.**	**Archbald, Pa**	**876-1500**
	F Butteri 1330		
Ala	E C Raymond & Assoc	Box 225, Huntsville	JE6-6611
Ariz	E V Roberts & Assoc	905 N 1st St. Phoenix	AL4-4664
Cal	E V Roberts & Assoc	4379 30 St. San Diego	AT1-6787
Cal	C W Mauldin Co	441 W California St. Palo Alto	DA6-5291
Cal	E V Roberts & Assoc	5068 W Washington Blvd. Los Angeles	WE8-2541
Cal	Daystrom Inc	9320 Lincoln Blvd. Los Angeles	SP6-1700
Colo	Peterson Co	4949 Colorado Blvd. Denver 16	DE3-5434
Fla	E C Raymond & Assoc	Box 8215, St Petersburg 8	WA1-9735
Ga	Kemp Engineering Co	905 Franklin SE, Huntsville, Ala	JE6-6611
Ill	R C Whitmore & Assoc	605 N Michigan, Chicago	MO4-1904
Mass	L L Schley Co. Inc	70 Coolidge Hill Rd. Watertown 72	WA5-0235
Mich	A R Satullo Co	4514 N Woodward, Royal Oak	LI9-3910
Minn	R G Regan Inc	1406 W Idaho, St Paul	MI6-6937
Mo	Kemp Eng Co	6414 Hampton Ave. St Louis 9	FL1-2175
NM	E V Roberts & Assoc	112C Tulane Dr. SE Albuquerque	AL5-7304
NY	J A Reagan Co. Inc	45 N Lake Ave. Albany 3	HE6-9649
NY	QED Electronic Sales Inc	9 Elm Ave. Mt Vernon	MO8-3100
Ohio	A R Satullo Co	705 W Ohio Pike, Cincinnati 45	PL2-6683
Ohio	A R Satullo Co	16811 Euclid Ave. Cleveland 12	IV6-2800
Pa	W I Duncan & Assoc	5452 Charles St. Philadelphia 24	CU9-7525
Pa	A R Satullo Co	992 Perry Hwy. Pittsburgh	FO4-1600
Tex	Kemp Eng Co	2613 Manana Dr. Dallas 20	FL7-6663
Utah	Peterson Co	521 W 4th, N, Salt Lake City	EL5-8171
Wash	Avionics Liaison	Boeing Field, Seattle 8	PA3-7602
Can	Daystrom Ltd	1480 Dundas Hwy. E Cooksville, Ont	AT9-3191
	DAYSTROM INC		
	WESTON INSTRUMENTS DIV	**614 Frelinghuysen Ave, Newark, NJ**	**BI3-4700**
	#205 *2300 G 35-195-235-360-895-1460-1475-1855		
Alaska	Weston Instruments Div	831 Airport Way, Seattle, Wash	MU2-3355
Ariz	Daystrom Inc. Weston Inst. Div	221 E. Camelback Rd, Phoenix	AM6-9036
Ark	Curtis H Stout Inc	400 Shall St, Little Rock, Ark	FR4-8201
Cal	Daystrom Inc. Weston Inst. Div	1125 Marshall St. Redwood City	EM9-4871
Cal	Daystrom Inc. Weston Inst. Div	736 Monterey Pass Rd. Monterey Pk	AN8-9271
Colo	Peterson Co., Inc	4949 Colorado Blvd, Denver 16, Colo	DE3-5434
Conn	Dittman & Greer Inc	S. Main St, Extension, Middletown, Conn	DI6-9606
Del	Daystrom Inc. Weston Inst. Div	101 N. 33rd St. Phila 4, Pa	BA2-6443
DC	Weston Instruments Div	425 13th St, N.W., Wash, DC	DI7-3550
Fla	Ward Engineering Co., Inc	1011 W. Central Ave, Orlando, Fla	GA2-4295
Ga	E A Thornwell Inc	1537 Howell Mill Rd, N.W., Atlanta, Ga	TR5-7895
Haw	Daystrom Inc. Weston Inst. Div	1125 Marshall St. Redwood City, Cal	EM9-4871
Idaho	Peterson Co., Inc	4949 Colorado Blvd, Denver 16, Colo	DE3-5434
Ill	C B Fall Co., Inc	317 N. 11th St, St. Louis 1, Mo	CH1-2433
Ill	Weston Instruments Div	205 W. Wacker Dr, Chicago 6, Ill	FR2-4536
Ind	Daystrom Inc. Weston Inst. Div	4666 Cooper Rd. Cinn	SY1-6360
Iowa	C B Fall Co	317 N. 11th St, St. Louis 1, Mo	CH1-2433
Kan	C B Fall Co	11701 Longview Rd, Hickman Mills 34, Mo	SO1-6545
Ky	Daystrom Inc. Weston Inst. Div	4666 Cooper Rd. Cinn 42	SY1-6360
La	Butler & Land	1122 Dryades St, New Orleans 13	524-0683
Md	T H Closs	21 W. Pennsylvania Ave, Towson 4, Md	VA5-4445
Mass	Weston Instruments Div	66 Central St, Wellesley 81, Mass	CE5-4300
Mich	Daystrom Inc. Weston Inst. Div	17700 McNichols Rd. Detroit	KE2-5546
Minn	Pinkney & Hine	1925 Nicollet Ave, Minneapolis, Minn	FE8-0523
Miss	Curtis H Stout Inc	706 Electric Bldg, Jackson, Miss	JA4-4320
Mo	C B Fall Co	11701 Longview Rd, Hickman Mills 34, Mo	SO1-6545
Mont	Peterson Co., Inc	4949 Colorado Blvd, Denver 16, Colo	DE3-5434
Neb	C B Fall Co	11701 Longview Rd, Hickman Mills 34, Mo	SO1-6545
Nev	Daystrom Inc. Weston Inst. Div	1125 Marshall St. Redwood City, Cal	EM9-4871
NH	Weston Instruments Div	66 Central St, Wellesley 81, Mass	CE5-4300
NJ	Weston Instruments Div	Rt 22 & Caldwell Ave, Union, NJ	MU8-2020
NM	Daystrom Inc. Weston Inst. Div	221 E. Camelback Rd, Phoenix, Ariz	AM6-9036
NY	Weston Instruments Div	30 Church St, New York 7, NY	WO4-3510
NY	Weston Instruments Div	5 Herbert Dr, Latham, NY	ST5-5161
NC	Daystrom Inc. Weston Inst. Div	500 E. Morehead St. Charlotte	ED2-6135
ND	Pinkney & Hine	1925 Nicollet Ave, Minneapolis 3, Minn	FE8-0523
Ohio	Weston Instruments Div	3161 Lee Rd, Cleveland 20, Ohio	SK2-3300
Ohio	Daystrom Inc. Weston Inst. Div	4666 Cooper Rd. Cinn 42	SY1-6360
Ohio	Daystrom Inc. Weston Inst. Div	3300 S. Dixie Dr. Kettering	AX9-9743
Okla	Riddle & Hubbell Co	302 S. Cheyenne Ave, Tulsa, Okla	LU5-5124
Ore	Weston Instruments Div	831 Airport Way, Seattle 4, Wash	MU2-3355
Pa	Weston Instruments Div	1511 N. Front St, Harrisburg, Pa	CE8-4276
Pa	Weston Instruments Div	101 N. 33rd St, Philadelphia 4, Pa	BA2-6453
Pa	Daystrom Inc. Weston Inst. Div	875 Greentree Rd. Pittsburgh 20	WA2-4545
Pa	Daystrom Inc. Weston Inst. Div	101 N. 33rd St. Phila 4	BA2-6443
RI	Weston Instruments Div	66 Central St, Wellesley 81, Mass	ST5-5161
SC	Daystrom Inc. Weston Inst. Div	500 E. Morehead St. Charlotte NC	ED2-6135
SD	Pinkney & Hine	1925 Nicollet Ave, Minneapolis 3, Minn	FE8-0523
Tenn	Weston Instruments Div	2517 Sanderson Rd, Knoxville 21, Tenn	KN5-5502
Tex	Weston Instruments Div	3405 Mercer, Houston 27, Tex	JA5-4115
Utah	Peterson Co., Inc	4949 Colorado Blvd, Denver 16, Colo	DE3-5434
Vt	Weston Instruments Div	66 Central St, Wellesley 81, Mass	CE5-4300
Va	Daystrom Inc. Weston Inst. Div	500 E. Morehead St. Charlotte, NC	ED2-6135
Wash	Weston Instruments Div	831 Airport Way, Seattle 4, Wash	MU2-3355
W Va	Daystrom Inc. Weston Inst. Div	875 Greentree Rd. Pittsburgh 20, Pa	WA2-4545
Wisc	Weston Instruments Div	517 N. 2nd St, Milwaukee 3, Wisc	BR2-1530
Wyo	Peterson Co., Inc	4949 Colorado Blvd, Denver 16, Colo	DE3-5434
Foreign	Daystrom International	100 Empire St, Newark, NJ	BI8-2141
	DAYSTROM-TRANSICOIL CORP	**Worcester, Montgomery County, Pa**	**JU4-2421**
	105-338-895-1165-1470-1745		
	DAYSTROM-WIANCKO ENG CO	**255 N Halstead Ave. Pasadena, Cal**	**EL5-7186**
	W Pennycook #15 *215 E 360-895-1735-1850		
Cal	Daystrom-Wiancko Eng Co	491 Hamilton St. Palo Alto	DA6-7053
Colo	Daystrom-Wiancko Eng Co	1515 Cleveland Pl. Denver 2	AC2-4497
Ga	Daystrom-Wiancko Eng Co	1078 Lee Circle NE, Atlanta 5	CE7-8271
Mass	Broger Instr Sales, Inc	41 Pearl St. Brookline 47	BE2-4804
Minn	Pinkney & Hine Co	1925 Nicollet Ave. Mpls 3	FE8-0523
NJ	Daystrom-Wiancko Eng Co	PO Box 802, W Caldwell	CA8-0240
NM	V T Rupp Co	1437 San Mateo Blvd. Albuquerque	AL6-1799
NY	SBM Assoc, Inc	177 Winton Rd. N, Rochester 10	OL4-8440
Pa	Gawler/Knoop Co	835 Glenside Ave. Wyncote	WA7-1820
Tex	Dannemiller/Smith, Inc	6218-B Westheimer, Houston	SU2-7350
Utah	Williams & Assoc	320 E 4th South, Salt Lake City 11	EM4-6844
Wash	Rush S Drake Assoc, Inc	1817 Norman St, Seattle	EA3-8545
	DAYTON ROGERS MFG CO	**2824 13 Ave, S., Minneapolis 7, Minn**	
	C Sport #7 *350 E 240-335-1120-1125-1250-1290		
Ariz	Dayton-Rogers Mfg Co	119 S 11th Ave. Phoenix	AL2-4746
Cal	Dayton-Rogers Mfg Co	1116 Avington, Los Angeles	HO5-2251
Cal	Dayton-Rogers Mfg Co	1415 Bayshore Blvd. San Francisco	JU4-6914
Colo	Dayton-Rogers Mfg Co	431 E 1st Ave. Denver	RA2074
Ill	Dayton-Rogers Mfg Co	3225 W Armitage Ave. Chicago	DI2-9878
Ind	Dayton-Rogers Mfg Co	2219 N Fisher Ave. Indianapolis	BE2511
Md	Dayton-Rogers Mfg Co	28 E 20th St. Baltimore	BE5-2310
Mass	Dayton-Rogers Mfg Co	6 Holland St. Boston	DE2-8878
Mich	Dayton-Rogers Mfg Co	11800 W McNichols Rd. Detroit	BR3-3099
Mich	Dayton-Rogers Mfg Co	119 Prospect Ave. NE, Grand Rapids	CH8-4093
Mo	Dayton-Rogers Mfg Co	500 Clark St. St Louis	GO2-2799
NY	Dayton-Rogers Mfg Co	90 Church St. New York	DI9-4655
NY	Dayton-Rogers Mfg Co	49 Dorchester Rd. Rochester	CU7346
Ohio	Dayton-Rogers Mfg Co	4614 Prospect Ave. Cleveland	EN1-2423
Ohio	Dayton-Rogers Mfg Co	4454 Salem Ave. Dayton	TA5329
Pa	Dayton-Rogers Mfg Co	Widener Bldg. Penn, Philadelphia	PA3084
Pa	Dayton-Rogers Mfg Co	214 Penn Pl. Pittsburgh	PE4-5111
Tex	Dayton-Rogers Mfg Co	1812 Eagle Dr. Fort Worth	VI4663
Wash	Dayton-Rogers Mfg Co	9770 Rainier Ave. Seattle	LA7100
Wis	Dayton-Rogers Mfg Co	2117 W Vliet St. Milwaukee	DI4-4347
	DAYTRONIC CORP	**223-227 S. Jefferson St, Dayton, Ohio**	**BA4-1621**
	M Moorhead Jr #3 *16 B 360-895-1850		
Ala	James L Highsmith & Co	3733 Monroe Rd, Charlotte, NC	FR7-2546
Alaska	Arva Inc	1120 Prospect St, Seattle 9, Wash	MA2-0177
Ariz	McCarthy Associates	111 W. Osborn Rd, Phoenix, Ariz	CR9-1891
Cal	McCarthy Associates	1055 E. Walnut, Pasadena, Cal	MU1-7411
Cal	McCarthy Associates	635 Oak Grove, Menlo Park, Cal	DA6-7937
Cal	McCarthy Associates	3450 Ingraham St, San Diego 9, Cal	BE9-4015
Del	R E Weber Co	15 Terry Ln, East Brunswick, NJ	CL7-5243
Ga	James L Highsmith & Co	3733 Monroe Rd, Charlotte, NC	FR7-2546
Hawaii	Arva Inc	1120 Prospect St, Seattle 9, Wash	MA2-0177
Idaho	Arva Inc	1120 Prospect St, Seattle 9, Wash	MA2-0177
Idaho	Arva Inc	1238 N.W. Glisan, Portland, Ore	CA2-7337
Ill	Anderson Automation	16 E. View St, Lombard, Ill	MA7-1094
Ind	Anderson Automation	16 E. View St, Lombard, Ill	MA7-1094
Kan	Harris-Hanson Co	2814 S. Brentwood Blvd, St. Louis 17, Mo	MI7-4350
Kan	Harris-Hanson Co	7916 Paseo Ave, Kansas City, Mo	HI4-6744
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit 35, Mich	BR3-2900
Mo	Harris - Hanson	2814 S. Brentwood Blvd, St. Louis 17, Mo	MI7-4350
Mo	Harris - Hanson	7916 Paseo Ave, Kansas City, Mo	HI4-6744
Mont	Arva Inc	1120 Prospect St, Seattle 9, Wash	MA2-0177
Mont	Arva Inc	1238 N.W. Glisan, Portland 9, Ore	CA2-7337
Nev	McCarthy Associates	1055 E. Walnut St, Pasadena, Cal	MU1-7411
NJ	R E Weber Co	15 Terry Ln, East Brunswick, NJ	CL7-5243
NY	R E Weber Co	15 Terry Ln, East Brunswick, NJ	CL7-5243
NC	Highsmith & Co	3733 Monroe Rd, Charlotte, NC	FR7-2546
Ohio	S Sterling Co	5827 Mayfield Rd, Cleveland 24, Ohio	HI2-8080
Ohio	S Sterling Co	363 W. First St, Dayton 2, Ohio	BA8-8764
Ore	Arva Inc	1238 N.W. Glisan, Portland 9, Ore	CA2-7337
Pa	R E Weber Co	15 Terry Ln, East Brunswick, NJ	CL7-5243
Pa	H E Ransford Co	5400 Clairton Blvd, Pittsburgh 36, Pa	TU4-3425
SC	James L Highsmith & Co	3733 Monroe Rd, Charlotte, NC	FR7-2546
Tenn	Highsmith & Co	3733 Monroe Rd, Charlotte, NC	FR7-2546
Va	Highsmith & Co	3733 Monroe Rd, Charlotte, NC	FR7-2546
Wash	Arva Inc	1120 Prospect St, Seattle 9, Wash	MA2-0177
W.Va	H E Ransford Co	5400 Clairton Blvd, Pittsburgh 36, Pa	TU4-3425
Wisc	Anderson Automation	16 E. View St, Lombard, Ill	MA7-1094

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	DEAN PLASTICS, INC.	**110 Herbert Ave. Closter, NJ**	**PO8-0553**
	A Lutz #1 *35 B 120-615-620-625-715-720-730-900-975-1190-1245-1290-1785-1940		
Mass	Ken Mylin	119 Airlie St. Worcester	PL4-7621
NJ	R B Scanlan Co	263 Palisade Ave. Yonkers, NY	GR6-0321
NY	R B Scanlan Co	263 Palisade Ave. Yonkers	GR6-0321
Pa	R B Scanlan Co	263 Palisade Ave. Yonkers, NY	GR6-0321
Tex	P J Scanlan	2608 Inwood Rd. Dallas 35	FL1-9991
•	**DEARBORN ELECTRONIC LABS, INC**	**Box 3431, Orlando, Fla**	**TE8-5400**
	H Kelley #7 *85 E 220-670		
Ala	Hilker Co., The	Box 5211, Winston-Salem, NC	PA5-8588
Ariz	Perlmuth Electronic Assoc	2859 E Thomas Rd. Phoenix 16	AM4-4934
Cal	Perlmuth Electronic Associates	5057 W. Washington Blvd, Los Angeles	WE1-1041
Cal	McKnight Co	PO Box 543, Menlo Park	DA6-3762
Conn	Tom Crawford & Son	PO Box 278, Norwood, Mass	NO7-6878
Del	Rothenheber & Co	53 Cricket Ave, Ardmore, Pa	MI2-6911
DC	Rothenheber & Co	14211 Chesterfield Rd. Rockville, Md	WH6-4488
Fla	W B Wimberly Co	532 S. Ft Harrison, Clearwater, Fla	CL3-7072
Ga	Hilker Co., The	Box 5211, Winston Salem, NC	PA5-8588
Ill	S C Blaker & Co	2353 N. California Ave, Chicago, Ill	BR8-1220
Ind	S C Blaker & Co	2353 N. California Ave, Chicago, Ill	BR8-1220
Iowa	R R Burton & Co	PO Box 7011, Kansas City 13, Mo	JA3-0227
Kan	R R Burton & Co	PO Box 7011, Kansas City 13, Mo	JA3-0227
Md	Rothenheber & Co	53 Cricket Ave, Ardmore, Pa	MI2-6911
Md	Rothenheber & Co	14211 Chesterfield Rd. Rockville	WH6-4488
Mass	T Crawford & Son	Box 278, Norwood	NO7-6878
Mich	S C Blaker Co	2353 N. California Ave, Chicago, Ill	BR8-1220
Minn	S C Blaker Co	2353 N. California Ave, Chicago, Ill	BR8-1220
Mo	R R Burton & Co	Box 7011, Kansas City 13	JA3-0227
Mont	T R Van Wagoner	1415 S. Main St, Salt Lake City, Utah	IN6-2461
Nev	Perlmuth Electronic Associates	5057 W. Washington, Los Angeles, Cal	WE1-1041
NJ	Stollmack	177 Kinderkamack Rd. Emerson	CO1-2313
NY	Stollmack	177 Kinderkamack Rd. Emerson, NJ	CO1-2313
NC	Hilker Co., The	Box 5211, Winston Salem	PA5-8588
Ohio	Allen Nace Co	P.O. Box 146, Brecksville, Ohio	JA6-4323
Ore	James Findlay Co	P.O. Box 717, Bellevue, Wash	GI5-200
Pa	Rothenheber & Co	53 Cricket Ave, Ardmore, Pa	MI2-6911
Pa	Allen Nace Co	P.O. Box 146, Brecksville, Ohio	JA6-4323
Utah	T R Van Wagoner	1415 S. Main St, Salt Lake City, Utah	IN6-2461
Va	Rothenheber & Co	53 Cricket Ave, Ardmore, Pa	MI2-6911
Wash	James Findlay	P.O. Box 717, Bellevue, Wash	GI5200
W. Va	Allen Nace Co	P.O. Box 146, Brecksville, Ohio	JA6-4323
Wisc	S C Blaker & Co	2353 N. California Ave, Chicago, Ill	BR8-1220
Wyo	T R Van Wagoner	1415 S. Main St, Salt Lake City, Utah	IN6-2461
Foreign	Carrington H Stone	205 W. Wacker Dr, Chicago, Ill	RA6-7725
	DECADE INSTRUMENT CO	**Box 153, Caldwell, NJ**	**CA6-4250**
	R Cappelotto 895		
	DECHERT DYNAMICS CORP	**Palmyra, Pa**	**TE8-9621**
	S Hirsch #3 *75 E 345-1545		
Ariz	Ed Landa Co	1736 Westwood Blvd. LA 24, Cal	BR2-9525
Cal	Ed Landa Co	1736 Westwood Blvd. LA 24	BR2-9525
Conn	John W Richardt Co	Rt 46, Pine Brook, NJ	CA8-0600
Del	L D Lowery, Inc	50 E Wynnewood Rd. Wynnewood, Pa	TR7-1212
DC	L D Lowery, Inc	50 E Wynnewood Rd. Wynnewood, Pa	TR7-1212
Ill	KaDell Sales Assoc, Inc	6140 N Lincoln Ave. Chicago	IR8-7920
Ind	KaDell Sales Assoc, Inc	6140 N. Lincoln Ave. Chicago, Ill	IR8-7920
Me	Frederick G Arenstrup	250 Hudson Rd. Sudbury, Mass	HI3-2992
Md	L D Lowery, Inc	50 E Wynnewood Rd. Wynnewood, Pa	TR7-1212
Mass	Frederick G Arenstrup	250 Hudson Rd. Sudbury	HI3-2992
Mich	KaDell Sales Assoc, Inc	6140 N Lincoln Ave. Chicago, Ill	IR8-7920
Nev	Ed Landa Co	1736 Westwood Blvd. L A, Cal	BR2-9525
NH	Frederick G Arenstrup	250 Hudson Rd. Sudbury, Mass	HI3-2992
NJ	John W Richardt Co	Rt 46, Pine Brook	CA8-0600
NY	John W Richardt Co	Rt 46, Pine Brook, NJ	CA8-0600
Pa	L D Lowery, Inc	50 E Wynnewood Rd. Wynnewood	TR7-1212
RI	Frederick G Arenstrup	250 Hudson Rd. Sudbury, Mass	HI3-2992
Vt	Frederick G Arenstrup	250 Hudson Rd. Sudbury, Mass	HI3-2992
Va	L D Lowery, Inc	50 E Wynnewood Rd. Wynnewood, Pa	TR7-1212
	DECIMETER PRODUCTS CO	**Star Rt, Box 67, Littleton, Colo**	**MA9-4703**
	H Waters #1 *2 A 435-700		
	DECITRON ELECTRONICS CORP	**850 Shepard Ave. Bklyn 8, NY**	**NI9-8110**
	H Foster #5 *32 D 45-325-338-885-895-950-1045-1060-1135-1395-1425-1870		
	DECKER CORP	**45 Monument Rd. Bala Cynwyd, Pa**	**MO4-6700**
	T Spirito #55 *175 E 35-75-80-95-195-250-275-325-338-340-780-895-1850		
Alas	Decker Corp., The	3425 Geary Blvd. SF 18, Cal	SK2-0846
Cal	Decker Corp., The	3425 Geary Blvd. SF 18	SK2-0846
Colo	Decker Corp., The	3425 Geary Blvd. SF 18, Cal	SK2-0846
Conn	Yale Associates	14 Everett Paine Blvd, Marblehead, Mass	NE1-0068
DC	The Decker Corp	1725 K St. NW Wash	FE8-2060
Idah	Decker Corp., The	3425 Geary Blvd. SF 18, Cal	SK2-0846
Me	Yale Associates	14 Everett Paine Blvd, Marblehead, Mass	NE1-0068
Mass	Yale Associates	14 Everett Paine Blvd, Marblehead, Mass	NE1-0068
Nev	Decker Corp, The	3425 Geary Blvd. San Francisco 18, Cal	SK2-0846
NH	Yale Associates	14 Everett Paine Blvd, Marblehead, Mass	NE1-0068
NM	Decker Corp, The	3425 Geary Blvd. San Francisco 18, Cal	SK2-0846
RI	Yale Associates	14 Everett Paine Blvd, Marblehead, Mass	NE1-0068
Utah	Decker Corp., The	3425 Geary Blvd. SF 18, Cal	SK2-0846
Vt	Yale Associates	14 Everett Paine Blvd, Marblehead, Mass	NE1-0068
Va	D Jewett	Box 9066, Richmond 25	MI8-8052
Wash	Decker Corp., The	3425 Geary Blvd. SF 18, Cal	SK2-0846
•	**DECOURSEY ENGINEERING LAB**	**11828 W. Jefferson, Culver City, Cal**	**EX7-9668**
	#2 *7 A 320-670-1830		
	DEE ELECTRIC CO	**1708 W Belmont Ave. Chicago 13, Ill**	**EA7-6622**
	W De Vorter #2 *15 1825		
Cal	Claude Michael Inc	703 W Ivy St. Glendale 4	CH5-8401
	DEECO INSTRUMENTS	**14737 Arminta St, Van Nuys, Cal**	**TR3-3911**
	S Kolb #7 *160 D 320-345-450-475-670-895-915-1200-1340-1830-1855		
Ala	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	MI7-3498
Ariz	Homer-Long Assoc	14436 Sherman Way, Van Nuys, Cal	ST1-5568
Ark	Thomson Eng. Service	2520 Oaklawn, Dallas 10, Tex	FL2-7885
Cal	Homer-Long Assoc	14436 Sherman Way, Van Nuys	ST1-5568
Fla	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	MI7-3498
Ga	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	MI7-3498
Iowa	Thomson Eng Service	8230 Forsyth Blvd. St. Louis, Mo	PA7-7705
Kan	Thomson Engineering Service	2520 Oaklawn, Dallas 10, Tex	FL2-7885
La	Thomson Eng Service	2520 Oaklawn, Dallas 10, Tex	FL2-7885
Md	F D Marcy Assoc	19 E. 21st St. Baltimore	BE5-2755
Mo	Thomson Engineering Service	8230 Forsyth Blvd, St. Louis 5, Mo	PA7-7705
NJ	F D Marcy Assoc	1180 Raymond Blvd. Newark 2	MA2-2365
Ohio	Thomco Electronic Co	Box 181, N. Dayton Sta, Dayton 4, Ohio	BE3-3551
Pa	Thomco Electronic Co	Box 181, N. Dayton Sta, Dayton 4, Ohio	BE3-3551
SC	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	MI7-3498
Tex	Thomson Engineering Service	2520 Oaklawn, Dallas 19, Tex	FL2-7885
Utah	Homer-Long Assoc	14436 Sherman Way, Van Nuys, Cal	ST1-5568
	DEFENSE ELECTRONICS, INC	**5451-B Randolph Rd. Rockville, Md**	**WH6-2600**
	M Bandler #12 *50 D 325-385-895-1135-1425-1870		
Cal	Trompeter Electronic Assoc	7713 Oakdale Ave. Canoga Park	DI8-5120
	DEFIANCE PRINTED CIRCUIT CORP	**144 Commercial St, Malden, Mass**	**DA4-8250**
	R Biggs #1 *40 C 280		
Conn	Connecticut Sales Engineering	137 Thompson St, New Haven, Conn	LO2-2682
Del	Argus Aero Engineering Co	Box 68, Warminster, Penn	OS5-4131
DC	Argus Aero Engineering Co	Box 68, Warminster, Penn	OS5-4131
Ill	R T Mathews & Co	1127 Wells St, Fort Wayne, Ind	EA3917
Ind	R T Mathews & Co	1127 Wells St, Fort Wayne, Ind	EA3917
Iowa	R T Mathews & Co	1127 Wells St, Fort Wayne, Ind	EA3917
Ky	R T Mathews & Co	1127 Wells St, Fort Wayne, Ind	EA3917
Md	Argus Aero Engineering Co	Box 68, Warminster, Penn	OS5-4131
Mich	R T Mathews & Co	1127 Wells St, Fort Wayne, Ind	EA3917
Minn	R T Mathews & Co	1127 Wells St, Fort Wayne, Ind	EA3917
Mo	R T Mathews & Co	1127 Wells St, Fort Wayne, Ind	EA3917
NJ	Albert Clarfield	90 Roberts Pl, Roosevelt, NY	PL7-6454
NY	Albert Clarfield Sales	90 Roberts Pl, Roosevelt, NY	PL7-6454
Ohio	R T Mathews & Co	1127 Wells St, Fort Wayne, Ind	EA3917
Pa	Argus Aero Engineering Co	Box 68, Warminster, Penn	OS5-4131
Va	Argus Aero Engineering Co	Box 68, Warminster, Pa	OS5-4131
Wisc	R T Mathews & Co	1127 Wells St, Fort Wayne, Ind	EA3917
	DEITZ CO. INC	**9 E. Wesley St. S. Hackensack, NJ**	**HU8-8516**
	S Deitz #2 *20 C 360		
•	**DEJUR-AMSCO CORP. ELECTRONICS DIV**	**45-01 Northern Blvd. LIC 1, NY**	**RA1-8000**
	R Mayflick #15 *500 G 345-895-1330-1850		
Ala	Roy Attaway Co	2315 Bob Wallace Ave. SW Huntsville	534-2811
Ariz	Fred Schaeffler Associates	5822 S. Wilshire Dr, Tucson, Ariz	AX8-6173
Ark	Jacobson Co, The	Box 9702, Dallas, Tex	FL1-3362
Cal	J W Marsh Co	4216 W. Jefferson Blvd. LA 16	RE2-0145
Cal	Logan & Stone Co	1485 Bay Shore Blvd. SF	DE4-1200
Cal	Dejur-Amsco Corp	11650 W. Olympic Blvd, Los Angeles 64	BR2-0931
Colo	Applied Engineering Products Co	405 Felt Bldg, Salt Lake City 11, Utah	EM4-4942
DC	S Auerbach	Box 306, Levittown, Pa	WI9-1195
Fla	B Henry Assoc	2187 Sunnyside Lane, Sarasota	RI6-4637
Ga	R Attaway Co	2315 B Wallace Ave. SW Huntsville, Ala	534-2811
Idaho	Applied Engineering Products Co	405 Felt Bldg, Salt Lake City 11, Utah	EM4-4942
Ill	DeJur-Amsco Corp	420 N. Michigan Ave. Chicago 4	WH4-0363
Ind	DeJur-Amsco Corp	420 N. Michigan Ave. Chicago 4, Ill	WH4-0363
Iowa	Engineering Services Co	1305 Oakland Gardens, Cedar Rapids	EM5-6183
Kan	Eng Services Co	4808 Eastwood Dr. Wichita	MU3-3751
Ky	DeJur-Amsco Corp	420 N. Michigan Ave. Chicago 4, Ill	WH4-0363
La	The Jacobson Co	Box 9702, Dallas, Tex	FL1-3362
Me	C LeBlanc Sales Co	885 Main St. Waltham 54, Mass	TW3-2742
Mass	C LeBlanc Sales Co	885 Main St. Waltham 54	TW3-2742
Mich	Burcaw-Cowen & Co	22128 Grand River Ave, Detroit, Mich	KE3-7700
Miss	R Attaway Co	2315 B Wallace Ave. SW Huntsville, Ala	534-2811
Mo	Eng Services Co	4550 Main St. KC	JE1-7765
Mo	Eng Services Co	6717 Vernon Ave. St. Louis	PA6-2233
Neb	Engineering Services Co	4550 Main St, Kansas City, Mo	JE1-7765
Nev	F Schaeffler Assoc	5822 S. Wilshire Dr. Tucson, Ariz	AX8-6173
NH	C LeBlanc Sales Co	885 Main St. Waltham 54, Mass	TW3-2742
NJ	S Wimpie Assoc	Box 127, Mamaroneck, NY	
N M	Fred Schaeffler Associates	5822 S. Wilshire Dr, Tucson, Ariz	AX8-6173
NC	Bill Henry Associates	P.O. Box 6073, Charlotte 7, NC	FR5-8958
Ohio	Electro-Com Inc	5554 Pearl Rd. Cleve	TU6-2404
Okla	The Jacobson Co	Box 9702, Dallas, Tex	FL1-3362
Ore	Roy H Cooley & Associates	101 Jones Bldg, Seattle 1, Wash	MU2-4567
Pa	S Auerbach	Box 306, Levittown	WI9-1195
RI	Cirolia, Le Blanc Sales Co	885 Main St. Waltham 54, Mass	TW3-2742
SC	Bill Henry Associates	P.O. Box 6073, Charlotte 7, NC	FR5-8958
Tenn	B Henry Assoc	Box 6073, Charlotte 7, NC	FR5-8958
Tex	The Jacobson Co	Box 9702, Dallas	FL1-3362
Utah	Fred Schaeffler Associates	P.O. Box 6073, Charlotte 7, NC	AX8-6173
Vt	C LeBlanc Sales Co	885 Main St. Waltham 54, Mass	TW3-2742
Wash	Roy H Cooley & Associates	101 Jones Bldg, Seattle 1, Wash	MU2-4567
W Va	Electro-Com Inc	5554 Pearl Rd. Cleve. Ohio	TU6-2404
Canada	Atlas Radio Corp	50 Wingold Ave, Toronto, Ontario, Canada	RU1-6174
•	**DEL ELECTRONICS CORP**	**521 Homestead Ave, Mt. Vernon, NY**	**OW9-2000**
	Dr R Kaufman #14 *65 D 320-1135-1340-1745-1850-1855		
Cal	Hugh Gray Co	2166 Market St, San Francisco, Cal	KL2-1777
Cal	Landis Associates	8588 W Washington Blvd, Culver City, Cal	UP0-8897
Del	Component Engineering Associates	3 W. 29th St, New York 1, NY	LE2-6944
DC	Component Engineering Associates	3 W. 29th St, New York 1, NY	LE2-6944
Fla	DuBovy Associates	610 N Orange Ave, Orlando, Fla	CH1-1684
Ill	Ben Z Rubin	607 N Grove Ave, Oak Park, Ill	EU3-0171
Ind	Ben Z Rubin Co	515 E. Grand Ave, Springfield, Ohio	FA2-5893
Kan	N S Brown Associates	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Ky	Ben Z Rubin Co	515 E. Grand Ave, Springfield, Ohio	FA2-5893
Md	Component Engineering Associates	3 W. 29th St, New York 1, NY	LE2-6944
Mass	Saul Cohen	30 Huntington Ave, Boston 16, Mass	KE6-8581
Mich	Ben Z Rubin	12838 Fenkell Ave, Detroit 27, Mich	UN4-4958
NJ	S Glassman Associates	28 Prestwick Terr, Glencove, NY	OR6-1039
NY	S Glassman Associates	28 Prestwick Terr, Glencove, NY	OR6-1039
Ohio	Ben Z Rubin Co	515 E. Grand Ave, Springfield, Ohio	FA2-5893
Tex	N S Brown Associates	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Va	Component Engineering Associates	3 W. 29th St, New York 1, NY	LE2-6944
Can	McPhar-Roberts Ltd	139 Bond Ave, Don Mills, Ont	HI4-4454
	DEL MAR ENGINEERING LABS INC	**6901 Imperial Hwy. L A 45, Cal**	**OR8-4371**
	N Lamont #20 *300 F 338-875-895-1145-1425-1760		
DC	J Barbee	1015 Investment Bldg. Wash 25	EX3-1457
Fla	F A Miller	17 Chestnut Ave. Ft. Walton Beach	
	DELANDRI PREC ELEMENTS CO., INC	**39 School St, Yonkers, NY**	**GR6-3678**
	L Schwartz #1 *10 A 205-1290-1535		
	DELCO RADIO DIV GM CORP	**700 E. Firmin St, Kokomo, Ind**	**GL2-8211**
	D Sandberg #400 *4000 G 325-334-360-365-500-915-1150-1425-1445-1860		
Cal	Delco Radio	726 Santa Monica Blvd, Santa Monica, Cal	EX3-1465
Ill	Delco Radio	5750 W. 51st St, Chicago, Ill	PO7-3500
Mich	Delco Radio	57 E. Harper, Detroit, Mich	TR3-6560
NJ	Delco Radio	324 Chestnut St, Union, NJ	MU7-3770
	DELEVAN ELECTRONICS CORP	**77 Olean Rd, E. Aurora, NY**	**CY3400**
	F Riehle #8 *250 E 320-880		
Ala	Perrott Assoc	PO Box 6967, Orlando, Fla	MI4-0065
Ariz	C R Lynch & Son	1146 E Washington St. Phoenix	AL4-2737
Ark	P J Scanlon Co	2608 Inwood Rd, Dallas 35, Tex	FL1-9991
Cal	E L Berman Div	921 Bryant St. San Francisco 3	UN1-2367
Cal	C R Lynch & Son	3807 Glendale Blvd, Los Angeles, Cal	NO3-8236
Colo	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Conn	P-J Engineering Sales Co	PO Box 212, Watertown, Mass	WA4-5950
Del	C H Newson & Assoc, Inc	17 Croftley Rd. Lutherville, Md	VA3-0431
DC	C H Newson & Associates Inc	17 Croftley Rd, Lutherville, Md	VA3-0431
Fla	Perrott Assoc	PO Box 6967, Orlando	MI4-0065
Ga	Perrott Assoc	PO Box 6967, Orlando, Fla	MI4-0065
Idaho	Dale G Weber Co	8 S.E. Clay St, Portland 14, Ore	BE4-7671
Ill	W F Hamilton Co	5517 N. Elston Ave, Chicago 30, Ill	SP5-2288
Ind	W W Bieberich & Sons	2817 Plaza Dr, Ft. Wayne 5, Ind	KE2928
Iowa	Anderson & Associates	3825 York Ave, N., Minneapolis 22, Minn	JU8-2523
Kan	E W McGrade Co	Box 8976, Prairie Vlge Sta, K C, Mo	RA2-0758
Ky	W W Bieberich & Sons	2817 Plaza Dr, Ft Wayne 5, Ind	KE2928
La	P J Scanlon Co	2608 Inwood Rd, Dallas 35, Tex	FL1-9991
Me	P-J Eng Sales Co	PO Box 212, Watertown, Mass	WA4-5950
Md	C H Newson & Associates Inc	17 Croftley Rd, Lutherville, Md	VA3-0431
Mass	P-J Eng Sales Co	PO Box 212, Watertown	WA4-5950
Mich	Burcaw-Cowen & Co	22128 Grand River Ave, Detroit, Mich	KE3-7700
Minn	Andersen & Associates	3825 York Ave, N., Minneapolis 22, Minn	JU8-2523
Mont	Dale G Weber Co	8 S.E. Clay St, Portland 14, Ore	BE4-7671
Neb	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Neb	Anderson & Associates	3825 York Ave, N., Minneapolis 22, Minn	JU8-2523
Nev	E L Berman Div	921 Bryant St. San Francisco 3, Cal	UN1-2367
Nev	C R Lynch & Son	3807 Glendale Blvd, Los Angeles 39, Cal	NO3-8236
NH	P-J Engineering Sales Co	Box 212, Watertown, Mass	WA4-5950
NJ	O P Marchand	PO Box 181, Cranford	BR2-5510
NJ	C H Newson & Associates Inc	813 Bethlehem Pike, Philadelphia 18, Pa	CH8-3377
NM	Hyde Electronics Co	5206 Constitution, N.E., Albuquerque	AM8-1111
NY	Naylor Electric Co, Inc	101 Jefferson Ave. Endicott	ST5-5972
NY	Naylor Electric Co., Inc	1718 Erie Blvd, E., Syracuse 3, NY	GR2-9183
NY	O P Marchand	PO Box 181, Cranford, NJ	
NC	O P Marchand	PO Box 181, Cranford, NJ	BR2-5510
ND	Anderson & Associates	3825 York Ave, N., Minneapolis 22, Minn	JU8-2523
Ohio	C A Robinson Co	333 W First St. Dayton 2	BA2-[illegible]
Ohio	C A Robinson Co	4143 Mayfield Rd, Cleveland 21, Ohio	EV1-9049
Okla	P J Scanlon Co	2608 Inwood Rd, Dallas 35, Tex	FL1-9991
Ore	Dale G Weber Co	8 S.E. Clay St, Portland 14, Ore	BE4-7671
Pa	C H Newson & Assoc, Inc	1850 Church Rd. York	YO46-3261
RI	P-J Engineering Sales Co	Box 212, Watertown, Mass	WA4-5950
SD	Anderson & Associates	3825 York Ave, N., Minneapolis 22, Minn	JU8-2523
Tex	P J Scanlon Co	2608 Inwood Rd, Dallas 35, Tex	FL1-9991
Utah	Hyde Electronics Co	2880 Connor St, Salt Lake City, Utah	IN7-5[illegible]
Vt	P-J Engineering Sales Co	Box 212, Watertown, Mass	WA4-5950
Va	C H Newson & Associates Inc	17 Croftley Rd, Lutherville, Md	VA3-0431
Wash	Dale G Weber Co	8 SE Clay St. Portland 14, Ore	BE4-7671
Wisc	Anderson & Associates	3825 York Ave, N., Minneapolis 22, Minn	JU8-2523
Wisc	W F Hamilton Co	5517 N. Elston Ave, Chicago 30, Ill	SP5-2288
Wyo	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
	DELMHORST INSTRUMENT CO	**601 Cedar St. Boonton, NJ**	**DE4-2557**
	895		
	DELSEN CORP	**719 W. Broadway, Glendale, Cal**	**CH5-8517**
	L McCrory #3 *5 A 510-895-1100		
Ariz	E V Roberts & Associates	909 N. 1st St, Phoenix, Ariz	AL4-4664
Cal	E V Roberts & Associates	5068 W. Washington Blvd, Los Angeles	WE8-2541
Cal	E V Roberts & Associates	1560 Laurel St, San Carlos, Cal	LY3-7878
Cal	E V Roberts & Associates	4379 13th St, San Diego 4, Cal	AT1-6787
Conn	R S Pettigrew & Co., Inc	11 N. Main St, West Hartford, Conn	AD3-8533
Ill	George H Anderson & Associates	442 Highcrest Dr, Wilmette, Ill	AL1-3560
Mich	Lor-Mac Associates	403 Fisher Bldg, Detroit 2, Mich	TR1-7600
NM	E V Roberts & Associates	5100 Grand Ave, N.E., Albuquerque, NM	AL5-2644
Wisc	J W Coggs Inc	333 W. Silver Spring Dr, Milwaukee 17,	WO2-1211
	DELTA CHEMICAL WORKS	**21 W. 60th St. New York, NY**	**PL7-6317**
	P Massey 240-265-410-1125		
	DELTA COILS INC	**1128 Madison Ave, Paterson, NJ**	**MU4-5670**
	R Cameron #8 *80 D 45-320-450-670-715-1855		
Cal	Beall Electronics Sales Co	P.O. Box 907, Palo Alto, Cal	DA1-8501
Cal	David Ellis Co	919-D E California St, Pasadena, Cal	RY1-9108
Can	H W Bringer Sales Co	4927 Jean Brillant Ave, Montreal 29, Can	RE1-0725
Colo	Cox Sales Co	P.O. Box 4201, Denver Sta, S. Denver	PE3-6772
Conn	C G Wilcox	P.O. Box 84, Fairfield, Conn	ED3-6252
Fla	Fred K Hussey	P.O. Box 956, Maitland, Fla	TE8-3782
Fla	William B Brown	Box 38-2, Little River Sta, Miami, Fla	PL1-4592
Ga	Frank C Nickerson Co	626 Medlock Rd, Decatur, Ga	ME6-2752
Ill	KaDell Sales Assocs	6140 N Lincoln Ave, Chicago 45, Ill	IR8-7920
Md	Harry J White Co, Inc	204 W Pennsylvania, Towson 4, Md	VA3-6184
Mass	Arthur E Akerod Co	70 Reservoir Rd, Chestnut Hill 67, Mass	RE4-2433
Mich	Moore Sales Co	401 Margaret St, W., Detroit, Mich	TU3-0218
Minn	Manufacturers' Sales Co	6301 Wayzata Blvd, Minneapolis 16, Minn	LI5-1223
Mo	Sobel & Assocs	7603 Forsyth Blvd, Clayton 5	PA6-4616
NJ	Harry J White Co	121 Covered Bridge Rd, Haddonfield, NJ	HA8-2304
NJ	Howard Hogan	40 Old Orchard Ct, Cedar Grove, NJ	CE9-4717
NJ	Harold Martin, Inc	165 Palisades Ave, Cresskill, NJ	LO7-4478

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
NY	Al Gallotta	4 Via Continental, Huntington Sta, NY	HA7-7224
NY	Sanco, Inc	124 Kinne Rd, E Syracuse, NY	GI6-4927
NC	Ted C Chapman	2234 Orton St, Charlotte 8, NC	EX9-3673
Ohio	Walter J Brauer & Associates	15611 Lakewood Heights Blvd, Cleveland	LA1-7358
Ore	Dale G Weber Co	8 SE Clay St, Portland 14, Ore	BE4-7671
Tenn	Ivey M Redmon	2813 McGavock Pike, Nashville 14, Tenn	TU3-6602
Tex	Fred Gross & Co	P.O. Box 1926, Dallas 21, Tex	FL1-1837
For	Dage Corp	219 E 44th St. New York 17, NY	MU2-6755
	DELTA DESIGN INC	**3163 Adams St. San Diego 16, Cal**	**AT3-3193**
	P Basquez 250		
	DELTA-F INC	**113 E. State St, Geneva, Ill**	**CE2-7600**
	D Van Beck #10 *50 C 895-1215		
Alaska	Fred H Height Co	3212 Eastlake Ave, Seattle, Wash	EA2-1818
Ariz	J S Kempf Co	10304 Prairie Ave, Inglewood, Cal	OR4-2165
Cal	J S Kempf Co	10304 Prairie Ave, Inglewood, Cal	OR4-2165
Conn	Dea Co	30 Arlington St, Lynnfield Center, Mass	ED4-3575
Del	Lawrence C Fuller Jr	12 Rittenhouse Pl, Ardmore, Pa	MI2-2468
DC	Lawrence C Fuller Jr	12 Rittenhouse Pl, Ardmore, Pa	MI2-2468
Fla	J Noel & Co	3881 S.W. 5th Terr, Miami, Fla	HI4-1118
Idaho	Fred H Height Co	3212 Eastlake Ave, Seattle, Wash	EA2-1818
Ill	Walter F Marsh Associates	244 Chicago Ave, Oak Park, Ill	EU6-2967
Md	Lawrence C Fuller Jr	12 Rittenhouse Pl, Ardmore, Pa	MI2-2468
Mass	Dea Co	30 Arlington St, Lynnfield Center, Mass	ED4-3575
Minn	Engineering Products Associates	1821 University Ave, St. Paul, Minn	MI6-3443
Mont	Fred H Height Co	3212 Eastlake Ave, Seattle, Wash	EA2-1818
Nev	J S Kempf Co	10304 Prairie Ave, Inglewood, Cal	OR4-2165
NH	Dea Co	30 Arlington St, Lynnfield Center, Mass	ED4-3575
NJ	Albert Chatfield	90 Roberts Pl, Roosevelt, NY	PL7-6454
NM	Fred A Pease	4601 E. 38th Ave, Denver, Colo	FR7-2336
NY	Reed-Tollefson Corp	215 Monroe Ave, Rochester, NY	HA5-0450
NY	Albert Chatfield	90 Roberts Pl, Roosevelt, NY	PL7-6454
Ohio	Robert R Stone Associates	1925 Lee Rd, Cleveland Hghts, Ohio	ER1-4484
Ore	Fred H Height Co	3212 Eastlake Ave, Seattle, Wash	EA2-1818
Pa	Lawrence C Fuller Jr	12 Rittenhouse Pl, Ardmore, Pa	MI2-2468
Pa	Robert R Stone Associates	1925 Lee Rd, Cleveland Hghts, Ohio	ER1-4484
RI	Dea Co	30 Arlington St, Lynnfield Center, Mass	ED4-3575
SD	Engineering Products Associates	1821 University Ave, St. Paul, Minn	MI6-3443
Utah	Fred A Pease	4601 E. 38th Ave, Denver, Colo	FR7-2336
Vt	Dea Co	30 Arlington St, Lynnfield Center, Mass	ED4-3575
Va	Lawrence C Fuller Jr	12 Rittenhouse Pl, Ardmore, Pa	MI2-2468
Wash	Lawrence C Fuller Jr	12 Rittenhouse Pl, Ardmore, Pa	MI2-2468
W. Va	Robert R Stone Associates	1925 Lee Rd, Cleveland Hghts, Ohio	ER1-4484
Wisc	Walter F Marsh Associates	244 Chicago Ave, Oak Park, Ill	EU6-2967
Canada	E G Lomas	227 Laurier Ave, W., Ottawa 4, Canada	
	DELTA-T SEMICONDUCTOR COOLER DIV. WAKEFIELD ENG INC	**486 Main St. Wakefield, Mass**	**245-5900**
	D Thomas #3 *45 C 285-370-825		
Fla	Massey Assoc	1214 E Colonial Dr, Orlando	GA3-0561
NJ	Fields & Simon Sales Co	325 Valley Rd, Montclair, NY	PI6-6717
NY	Fields & Simon Sales Co	325 Valley Rd, Montclair	WO2-3318
Tex	Scott Technical Sales	Box 35264, Dallas	FL2-7698
	DELTEX ELECTRONIC DIV DELTA EXPLOR CO., INC	**Drawer 2666, Jackson, Miss**	**FL5-9636**
	E Gaby Jr #5 *175 D 220-320-365-450-670-895-915-1135-1150-1340		
	DELTIME INC	**610 Fayette Ave. Mamaroneck, NY**	**OW8-5800**
	B Monks #6 *41 450		
Cal	J C Simon Co	633 La Brea Ave. Los Angeles 36	
Conn	Sales Eng Co	Sugar Ln. Newton	
Ill	Ellinger Sales Corp	6540 NW Hwy, Chicago 31	
Kan	R W Farris Co, Inc	406 W 34th St, Kansas City 11, Mo	
Mass	Sales Eng Co	33 Sudbury Rd, Concord	
NJ	Heuser Assoc	198 Water St, Perth Amboy	
Tex	Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18	
Wash	Stanley Enterprises	127 River St. Seattle 8	
	DELTRON CO	**14736 Arminta St. Van Nuys, Cal**	
	W Robertson, Jr #1 *12 A 320-895-1055		
Cal	Dorr Wagner & Assoc	Box 330, Pasadena	MU1-4060
	DELTRON, INC	**4th & Cambria Sts, Phila 33, Pa**	**RE9-1101**
	A Anton #6 *45 C 1135-1340-1460		
Cal	Smith-Dietrich Sales Co	475 W Manchester Blvd, Inglewood, Cal	OR8-7812
Conn	E A Janse Associates	354 Washington St, Wellesley Hills, Mass	CE5-1623
Del	Chas E Babcock Co	430 Huntington Dr, Wayne, Pa	MU8-8288
DC	Chas E Babcock Co	430 Huntington Dr, Wayne, Pa	MU8-8288
Ill	Bauman & Bluzat Co	4140 W Fullerton, Chicago 39, Ill	HU6-6800
Me	E A Janse Associates	354 Washington St, Wellesley Hills, Mass	CE5-1623
Md	Chas E Babcock Co	430 Huntington Dr, Wayne, Pa	MU8-8288
Mass	E A Janse Associates	354 Washington St, Wellesley Hills, Mass	CE5-1623
NH	E A Janse Associates	354 Washington St, Wellesley Hills, Mass	CE5-1623
NJ	DuBarry Associates	144-45 35th Ave, Flushing, NY	FL3-6963
NY	DuBarry Associates	144-45 35th Ave, Flushing, NY	FL3-6963
Ohio	Edward E Bock Associates	3870 W. 212th St, Cleveland 26, Ohio	ED1-5212
Pa	Chas E Babcock Co	430 Huntington Dr, Wayne, Pa	MU8-8288
RI	E A Janse Associates	354 Washington St, Wellesley Hills, Mass	CE5-1623
Vt	E A Janse Associates	354 Washington St, Wellesley Hills, Mass	CE5-1623
Va	Chas E Babcock Co	430 Huntington Dr, Wayne, Pa	MU8-8288
●	**DE MORNAY-BONARDI CORP**	**780 S. Arroyo Pkwy. Pasadena, Cal**	**SY2-4142**
	D Brown #10 *100 E 25-285-390-500-670-895-1045-1135-1170-1705-1885		
Ala	W A Brown & Associates	201 Capron Rd, Indian River City, Fla	1086
Ariz	G E Moxon Sales	489 S. Robertson, Beverly Hills, Cal	BR2-9311
Ark	Mitchell Speairs Co	4944 James Ave. Ft Worth 15, Tex	WA3-4657
Cal	G E Moxon Sales	489 S. Robertson, Beverly Hills, Cal	BR2-9311
Cal	R L Pflieger Co	1652 Laurel St, San Carlos, Cal	LY1-0396
Colo	Kelley Enterprises	336 E 4th St. Loveland	NO7-1376
Conn	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	CR6-5100
Del	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City, Fla	1086
DC	W A Brown & Associates	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Fla	W A Brown & Associates	201 Capron Rd, Indian River City, Fla	1086
Ga	W A Brown & Associates	201 Capron Rd, Indian River City, Fla	1086
Idah	B C Porter Co	1209 Poplar Pl. Seattle 44, Wash	EA3-8330

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ill	Hugh Marsland & Co	6659 Lincoln Ave, Chicago, Ill	OR6-1100
Ind	Hugh Marsland & Co	6730 E. 13th St, Indianapolis 19, Ind	FL6-4249
Iowa	Hugh Marsland & Co	6659 Lincoln Ave, Chicago, Ill	OR6-1100
Kan	Penzner Sales Co., The	8300 W. 92nd St Overland Pk	
Ky	H Marsland & Co	6699 Lincoln Ave. Chicago 45, Ill	OR6-1100
La	Mitchell Speairs Co	4944 James Ave. Ft. Worth 15, Tex	WA3-4657
Me	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	CR5-5100
Md	W A Brown & Associates	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Mass	Dynamic Devices Inc	11 Albion St. Wakefield	CR6-5100
Mich	H Marsland & Co	6699 Lincoln Ave. Chicago 45, Ill	OR6-1100
Minn	H Marsland & Co	6659 Lincoln Ave, Chicago 45, Ill	OR6-1100
Miss	W A Brown & Associates	201 Capron Rd, Indian River City, Fla	1086
Mo	Hugh Marsland & Co	6699 Lincoln Ave, Chicago, Ill	OR6-1100
Mont	B C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Neb	Hugh Marsland & Co	6699 Lincoln Ave, Chicago, Ill	OR6-1100
Nev	R L Pflieger Co	1652 Laurel St, San Carlos, Cal	LY1-0396
NH	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	CR6-5100
NJ	L & M Assoc	511 Victor St. Saddle Brook	DI3-3070
NM	Kelley Enterprises	336 E. 4th St. Loveland, Colo	NO7-1376
NY	L & M Assoc	511 Victor St. Saddle Brook, NJ	DI3-3070
NY	J A Reagan Co., Inc	45 N. Lake Ave, Albany, NY	
NC	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City, Fla	1086
ND	H Marsland & Co	6699 Lincoln Ave. Chicago 45, Ill	OR6-1100
Ohio	E C Frost & Co	1545 Chelmsford Rd. Mayfield Hts. 24	HI2-9040
Okla	Mitchell Speairs Co	4944 James Ave. Ft. Worth 15, Tex	WA3-4657
Ore	B C Porter Co	1209 Poplar Pl. Seattle 44, Wash	EA3-8330
Pa	E C Frost & Co	1545 Chelmsford Rd. Mayfield Hts. Ohio	HI2-9040
RI	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	CR6-5100
SC	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City, Fla	1086
SD	H Marsland & Co	6699 Lincoln Ave. Chicago 45, Ill	OR6-1100
Tenn	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City, Fla	1086
Tex	Mitchell Speairs Co	4944 James Ave. Ft. Worth 15	WA3-4657
Utah	Kelley Enterprises	336 E. 4th St. Loveland, Colo	NO7-1376
Vt	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	CR6-5100
Va	W A Brown & Associates	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Wash	B C Porter Co	1209 Poplar Pl. Seattle 44	EA3-8330
W Va	E C Frost & Co	1545 Chelmsford Rd. Mayfield Hts. Ohio	HI2-9040
Wis	H Marsland & Co	6699 Lincoln Ave. Chicago 45, Ill	OR6-1100
Wyo	Kelley Enterprises	336 E. 4th St. Loveland, Colo	NO7-1376
For	B & K Labs	4 Tilney St. London W1, Eng	
For	Ind. Imports Ltd	Box 1271, Central P O, Tokyo	Japan
Belgium	Daniel Delguy	64a Chaussee de Charleroi, Brussels, Belgium	
France	Megex	105 Quai Branly, Paris 15e, France	
W.Germany	Megex	Schlossdorf 4 Kerfeld u/Dulmen Westphalen, Germany	
	DENISON ENGRG DIV AM BR SHOE CO	**1160 Dublin Rd, Columbus 16, Ohio**	**HU8-1191**
	D Neale 360-1920		
Cal	Denison Engineering Div	1651 E. El Segundo Blvd, Hawthorne, Cal	PL7-2246
Ga	Denison Engineering Div	1849 Cheshire Bridge Rd, N.E., Atlanta	TR5-1894
Ill	Denison Engineering Div	4000 W. 63rd St, Chicago 29, Ill	LU2-3737
Mich	Denison Engineering Div	930 W. Maple Rd, Troy, Mich	JU8-2800
NJ	Denison Engineering Div	315 Central Ave, Clark, NJ	FU1-2929
Ohio	Denison Engineering Div	5570 State Rd, Cleveland 34, Ohio	FL1-4040
Tex	Denison Engineering Div	3315 W. 12th St, Houston, Tex	UN9-3776
	DENNISON MFG CO	**300 Howard St, Framingham, Mass**	**TR3-3511**
	D Thomas 900-1755		
Cal	Dennison Mfg Co	295 Montgomery St, San Francisco 4, Cal	DO2-6930
Cal	Dennison Mfg Co	315 W. Ninth St, Los Angeles 15, Cal	MA7-3814
Ill	Dennison Mfg Co	64 E. Randolph St, Chicago 1, Ill	RA6-2010
Mass	Dennison Mfg Co	28 Chauncy St, Boston 11, Mass	HU2-7000
NY	Dennison Mfg Co	390 Lexington Ave, New York 17, NY	MU3-4300
Ohio	Dennison Mfg Co	1101 Euclid Ave, Cleveland 15, Ohio	CH1-2080
Ore	Dennison Mfg Co	410 S.W. Morrison St, Portland 4, Ore	CA8-0697
Pa	Dennison Mfg Co	1405 Locust St, Philadelphia 2, Pa	KI5-7040
	DENSON ELECTRONICS CORP	**Box 85, Rockville, Conn**	**TR5-5198**
	D Flagg #1 *8 895-1770-1910		
	DERINGER METALLURGICAL CORP	**8131 N. Monticello Ave, Skokie, Ill**	**KE9-8502**
	P Loeffler 355-1125-1490		
Ariz	Alfred A Lee Co	1733 E. Marshall Ave. Phoenix	AM5-7200
Conn	Fowler-Beach Corp	3700 East Ave. Rochester, NY	LU6-0468
Me	Dea Co	30 Arlington St. Lynnfield, Mass	ED4-3575
Mass	Dea Co	30 Arlington St. Lynnfield	ED4-3575
Mich	George Brown	Box 1429, Warren, Ohio	EX2-7864
NH	Dea Co., The	30 Arlington St. Lynnfield, Mass	ED4-3575
NM	Alfred A Lee Co., The	1733 E. Marshall Ave. Phoenix, Ariz	AM5-7200
NY	Fowler-Beach Corp	3700 East Ave. Rochester	LU6-0468
Ohio	George Brown	Box 1429, Warren	EX2-7864
Pa	George Brown	Box 1429, Warren, Ohio	EX2-7864
RI	Dea Co., The	30 Arlington St. Lynnfield, Mass	ED4-3575
Tex	Alfred A Lee Co	1733 E. Marshall Ave. Phoenix, Ariz	AM5-7200
Vt	Dea Co., The	30 Arlington St. Lynnfield, Mass	ED4-3575
	DERO RESEARCH & DEVEL CORP	**Bay & Park Ave. Huntington, NY**	**HA3-5757**
	G Loecher #5 *25 D 195-325-338-885-895-1135-1425		
	DESIGN TOOL CO., DIV FED MFG & ENG CORP	**1055 Stewart Ave. Garden City, NY**	**PI2-7400**
	C Kertesz #15 *105 B 1075		
Ariz	Claude Michael, Inc	74 2 Bonita Dr. Scottsdale	WH6-0931
Cal	Claude Michael, Inc	490 Hamilton St, Palo Alto	DA6-6884
Cal	Claude Michael, Inc	701 W Ivy St. Glendale	CH5-8401
Colo	Landes, Zachary & Peterson Co	60 S Jason St. Denver 23	SH4-1311
Conn	Connectronics Co	669 South Ave, Weston 93, Mass	CE5-2165
Del	C E Snow Co	613 Cheltenham Ave. Phila, Pa	CA4-2626
DC	C E Snow Co	82-18 Wisconsin Ave. Bethesda, Md	OL4-1767
Idah	Landes, Zachary & Peterson Co	60 S Jason St. Denver 23, Colo	SH4-1311
Ill	Marsland Distributing Corp	6699 Lincoln Ave. Chicago 45	OR6-1105
Ind	Marsland Distributing Corp	6730 E 13th St. Indpls	FL6-4249
Iowa	Marsland Distributing Corp	230 N Edgewood Ave, Mpls, Minn	LI5-4431
Ky	Marsland Distributing Corp	6730 E 13th St. Indpls, Ind	FL6-4249
La	J Earl Smith Co	6211 Denton Dr. Dallas, Tex	FL7-1727
Me	Connectronics Co., The	669 South Ave, Weston, Mass	CE5-2165
Md	C E Snow Co	82-18 Wisconsin Ave. Bethesda	OL4-1767
Mass	Connectronics Co	669 South Ave, Weston 93, Mass	CE5-2165

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Minn	Marsland Distributing Corp	230 N Edgewood Ave, Mpls	LI5-4481
Mo	Marsland Distributing Corp	6699 Lincoln Ave, Chicago, Ill	OR6-1105
Mont	Landes, Zachary & Peterson Co	2501 S State St. Salt Lake City, Utah	HU7-7873
NH	Connectronics Co	669 South Ave, Weston 93, Mass	CE5-2165
NJ	C E Snow Co	613 Cheltenham Ave. Phila, Pa	CA4-2626
NM	Landes, Zachary & Peterson Co	5900 Domingo NE, Albuquerque	SH4-1311
NY	Brook-Anco Corp	75 College Ave, Rochester 7	BR1-1400
NC	Jake Rudisill Assoc	2009 N Tryon St, Charlotte 6	FR6-4792
NC	Jake Rudisill Assoc	PO Box 243, High Point	TU2-6723
Ohio	R G Sidnell & Co	1225 Westlake Ave. Cleveland 7	AC1-1313
Okla	J Earl Smith Co	6211 Denton Dr, Dallas, Tex	FL7-1727
Pa	C E Snow Co	613 Cheltenham Ave, Phila	CA4-2626
Pa	R G Sidnell & Co	675 Princeton Blvd, Pittsburgh 21, Pa	CH2-1476
RI	Connectronics	669 South Ave, Weston 93, Mass	CE5-2165
SC	Jake Rudisill Assoc	2009 N Tryon St. Charlotte, NC	FR6-4792
Tenn	Jake Rudisill Assoc	2009 N Tryon St. Charlotte, NC	FR6-4792
Tex	J Earl Smith Co	6211 Denton Dr. Dallas	FL7-1727
Utah	Landes, Zachary & Peterson Co	2501 S State St. Salt Lake City	HU7-7873
Vt	Connectronics Co., The	669 South Ave. Weston, Mass	CE5-2165
Va	Jake Rudisill Assoc	PO Box 243, High Point, NC	TU2-6723
Wash	Claude Michael, Inc	909 Cemetery Rd. Kent	CH5-8401
Wis	Marsland Distributing Corp	6699 Lincoln Ave. Chicago, Ill	OR6-1105
Wisc	EMF Co	1645 W. Wabansia Ave, Chicago 22, Ill	AR6-8780
Wyo	Landes, Zachary & Peterson Co	601 S Jason St. Denver, Colo	SH4-1311
For	Industrias Comerciales	Tomala 143, Mexico 7, D F	14-65-58
For	Ameresco, Inc	33 Watchung Plaza, Montclair, NJ	PI6-5300
	DESIGNERS FOR INDUSTRY	**4241 Fulton Pkwy, Cleveland 9, Ohio**	**SH9-0700**
	J Standish #103 *225 E 280-325-625-895-1075-1135-1395-1425-1845-1870		
Ariz	Brown Technical & Assoc Sales	130 S. Yarrow St, Denver 26, Colo	BE7-3467
Ark	Kemp Engineering Co	2618 Manana Dr, Dallas 20, Tex	FL7-6663
Ark	Kemp Engineering Co	2618 Manana Dr, Dallas 20, Tex	FL7-6663
Cal	Collins Electronic Sales Inc	325 Middlefield Rd, Palo Alto	DA6-0647
Colo	Brown Technical & Assoc Sales	130 S. Yarrow St, Denver 26, Colo	BE7-3467
Conn	Berle, Alf K	35 Westfield St, Dedham, Mass	DA6-4266
Idaho	Brown Technical & Assoc Sales	130 S. Yarrow St, Denver 26, Colo	BE7-3467
Ill	Cook, Marvin	1175 Waukegan Rd, Deerfield, Ill	WI5-2043
Ind	Cook, Marvin	1175 Waukegan Rd, Deerfield, Ill	WI5-2143
Iowa	Cook, Marvin	1175 Waukegan Rd, Deerfield, Ill	WI5-2143
Kan	Kemp Engineering Co	2618 Manana Dr, Dallas 20, Tex	FL7-6663
La	Kemp Engineering Co	2618 Manana Dr, Dallas 20, Tex	FL7-6663
Me	Altenburg, William M	465 Congress St, Portland, Me	SP3-4390
Mich	J L Price Co	16666 James Couzens Hwy, Detroit 21	UN2-2571
Minn	Cook, Marvin	1175 Waukegan Rd, Deerfield, Ill	WI5-2143
Mont	Brown Technical & Assoc Sales	130 S. Yarrow St, Denver 26, Colo	BE7-3467
Neb	Cook, Marvin	1175 Waukegan Rd, Deerfield, Ill	WI5-2043
Nev	Brown Technical & Assoc Sales	130 S. Yarrow St, Denver 26, Colo	BE7-3467
NH	Altenburg, William M	465 Congress St, Portland, Me	SP3-4390
NJ	Cooper-Climent Assoc	635 Glenside Ave, Wyncote, Pa	LI6-5450
NM	Brown Technical & Assoc Sales	130 S. Yarrow St, Denver 26, Colo	BE7-3467
NY	Young Associates	967 Monroe Ave, Rochester 20, NY	BR1-2136
ND	Brown Technical & Assoc Sales	130 S. Yarrow St, Denver 26, Colo	BE7-3467
Ohio	F T Jarvis	4241 Fulton Pkwy. Cleve 9	SH9-0700
Okla	Kemp Engineering Co	2618 Manana Dr, Dallas 20, Tex	FL7-6663
Ore	Reiber, Emerson F	Box 1821, Seattle 55, Wash	EM2-8745
Pa	E S Phillips Co	809 Penn Ave. Pittsgh 21	CH1-6256
Pa	Cooper-Climent Assoc	635 Glenside Ave, Wyncote, Pa	LI6-5450
Pa	Young Associates	967 Monroe Ave, Rochester 20, NY	BR1-2136
SD	Brown Technical & Assoc Sales	130 S. Yarrow St, Denver 26, Colo	BE7-3467
Tex	Kemp Engineering Co	2618 Manana Dr, Dallas 20, Tex	FL7-6663
Utah	Brown Technical & Assoc Sales	130 S. Yarrow St, Denver 26, Colo	BE7-3467
Vt	Altenburg, William M	465 Congress St, Portland, Me	SP3-4390
Wash	Reiber, Emerson F	Box 1821, Seattle 55, Wash	EM2-8745
Wisc	Cook, Marvin	1175 Waukegan Rd, Deerfield, Ill	WI5-2143
Wyo	Brown Technical & Assoc Sales	130 S. Yarrow St, Denver 26, Colo	BE7-3467
Canada	Radionics Limited	8230 Mayrand St, Montreal 9, Que, Can	RE9-1517
●	**DESPATCH OVEN CO**	**Minneapolis, Minn**	**FE1-1873**
	E Bored *220 F 735-1215		
Ala	Willcox & Allen Co	900 S. 27th St, Birmingham 1, Ala	AL1-0271
Ariz	T C Jarrett Co	15 S. Hillside Dr, Denver 15, Colo	BE3-2333
Ark	Bishop Engineering Co	Box 7031, Tulsa 5, Okla	RI2-2371
Cal	Lombard Smith Co	714 W. Olympic Blvd, L A, Cal	RI8-5741
Cal	Matheson-Doherty Co	225 Shaw Rd, S. San Francisco, Cal	PL5-7930
Colo	T C Jarrett Co	15 Hillside Dr. Denver	BE3-2333
Conn	Etter Eng. Co, Inc	Box 5126, Hamden	AT8-3575
Del	Dey Eng. Co	Box 535, King of Prussia, Pa	BR9-0100
DC	Dey Engineering Co	P.O. Box 535, King of Prussia, Pa	BR9-0100
Fla	Linder Ind Eng Co	4717 S. Florida Ave, Lakeland, Fla	MU6-5135
Idah	H E Hartley Co	Boeing Field, Term. Bldg, Seattle, Wash	PA5-7120
Ill	G A Newtoln	4906 N. Harmitage Ave, Chicago 40, Ill	LO1-2086
Ill	Besco Equipment Co	3128 Manchester Rd, St. Louis, Mo	WO1-6296
Ind	Wright Engineering Co	412 Stanley Ave, Evansville 11, Ind	HA5-7163
Iowa	Foundry Supply Co	630 25th Ave, S.E., Minneapolis 14, Minn	FE9-0231
Kan	Flentham Co	647 W. 39th St, Kansas City 11, Mo	WE1-1541
Ky	Wright Engineering Co	412 Stanley Ave, Evansville 11, Ind	HA5-7163
La	Haylett O'Neill & Son	2110 Travis St, Houston, Tex	JA9-3870
Me	Etter Eng. Co	Box 5126, Hamden, Conn	AT8-3575
Md	Dey Engineering Co	Box 535, King of Prussia, Pa	BR9-0100
Mass	Etter Engineering Co	Box 47, Milford, Mass	TW3-8658
Mich	Schaffer Engineering Co	9180 Livernois, Detroit 4, Mich	WE3-8646
Minn	Foundry Supply Co	630 25th Ave, S.E., Mnpls, Minn	FE9-0231
Miss	Willcox & Allen Co	900 S. 27th St, Birmingham 1, Ala	AL1-0271
Mo	Besco Equipment Co	3128 Manchester Rd, St. Louis, Mo	WO1-6296
Mont	H E Hartley Co	Boeing Field, Term. Bldg, Seattle, Wash	PA5-7120
Nev	Matheson-Doherty Co	225 Shaw Rd, S. San Francisco, Cal	PL5-7930
NH	Etter Eng. Co	Box 5126, Hamden, Conn	AT8-3575
NJ	Gerald B Duff & Co	2165 Morris Ave, Union, NJ	MU6-1747
NM	T C Jarrett Co	15 Hillside Dr., Denver, Colo	BE3-2333
NY	E H Swalbach	Box 56, Kenmore Sta, Buffalo 17, NY	DE4014
NY	Gerald B Duff & Co	2165 Morris Ave, Union, NJ	MU6-1747
NC	A C Cavello	20 Malvern Ave, Richmond 21, Va	EL8-3174
Ohio	Prouger Eqpt. Co	1750 Ardleigh Rd, Columbus	HU6-4002
Okla	Bishop Engineering Co	P.O. Box 7031, Tulsa 5, Okla	RI2-2371
Ore	H E Hartley Co	Boeing Field, Seattle, Wash	PA5-7120
Pa	Dey Engineering Co	P.O. Box 535, King of Prussia, Pa	BR9-0100
Pa	Leonard F Nourie Inc	2414 W. Liberty Ave, Pittsburgh 26, Pa	LO1-1619
RI	Etter Engineering Co	P.O. Box 161, N. Scituate, RI	NI7-5400

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Tenn	Craig Industrial Equip Co	1101 Poplar, Memphis 4, Tenn	BR5-5771
Tex	Hayfield O'Neill & Son	2510 Travis St, Houston, Tex	JA9-3071
Utah	T C Jarrett Co	15 Hillside Dr. Denver, Colo	BE3-2333
Vt	Etter Eng. Co	Box 5136, Hamden, Conn	AT8-3575
Va	A C Cavedo	31 Malvern Ave, Richmond 21, Va	EL8-3174
Wash	H E Hartley	Boeing Field, Terminal Bldg, Seattle	PA5-7120
W. Va	A C Cavedo	31 Malvern Ave, Richmond 21, Va	EL8-3174
Wis	W E Swenson Co	15120 Indian Creek Pkwy. Brookfield	3U2-8276
Wyo	T C Jarrett Co	15 Hillside Dr. Denver, Colo	BE3-2333
	DESTRON CO	**25914 Chelmette Ave, Rolling Hills Estate, Cal**	**FR8-3450**
	D St John #2 A 895-1810		
	DETECTO SCALES INC	**540 Park Ave, Brooklyn, NY**	**MA4-6100**
	M Rapp #20 *500 F 340-895		
Ala	Alabama Scale Works	3813 - 1st Ave. N, Birmingham	WO1-3461
Alas	S J Armstrong	POB 72, Anchorage	
Ariz	Frank Parmenter Co	19 S 10th Ave. Phoenix	AL2-2323
Ark	Troy Burns Co	3015 Lewis St. Little Rock	FR2-6725
Cal	T R Mantes Co	489 6th St. S F	GA1-7007
Colo	McDonald Hunt Scale & Supply Co	1540 Wazee St. Denver	
Conn	Ind Scale Eqpt Co	335 Charles St. Bridgeport	ED4-5158
Del	Howard B Jerome	3 Knickerbocker Dr. Brookside Pk	EN8-7413
DC	Washington Scale & Eqpt Co	1107 New Jersey Ave. NW, Wash	DI7-5843
Fla	AAA All Type Scales Service, Inc	1231 N Miami Ave. Miami	FR3-2957
Ga	Wiggins Scales Co	1005 Hemphill Ave. NW, Atlanta	TR2-4994
Idah	Idaho Scale & Service Co	521 S Phillips St. Boise	
Ill	Costello-Milazo Co	1138 W 48th St. Chicago	CL4-4400
Ind	Dee J B Co, Inc	1722 W 16, Indpls	MA5-5548
Kan	E E Vile Co	149 N Quentin Ave. Wichita	
Ky	Fair Scale Co	1142 Logan St. Louisville	ME4-4971
La	J P Bowlin Scale Co	916 Race St. New Orleans	JA5-4858
Me	Forest City Scales	7 Goodridge Ave. Portland	
Md	S W Betz Co, Inc	2235 Kirk Ave. Baltimore	HO7-3118
Mass	American Scale & Conveyor, Inc	365 Neponset Ave. Boston	AV2-7035
Mich	Buffalo Scales Co, Inc	56 Henry St. Detroit	WO2-7718
Minn	Scale Service Co	2117 Minnehaha Ave. Mpls	FE5-1701
Mo	Anchor St Louis Scale Co	2225 Gravois Ave. St Louis	PR1-4900
Neb	Central Scale & Repair	3079 S 24th St. Omaha	WE4049
Nev	Herberts	810 Glendale Rd. Sparks	
NJ	Fox Scale Co	34 Woodland Ave. Newark	BI8-2554
NM	I B Major Co	5623 Acoma Rd. SE, Albuquerque	
NC	Charlotte Scale & Fixture Co	1730 Amherst Pl. Charlotte	ED3-3823
Ohio	Ohio Counting Scale, Inc	1787 E 24th St. Cleveland	CH1-8277
Okla	Joe Mealey Medley Scale, Co	26 NE 26th St. Oklahoma City	
Ore	Pacific Scale Co	2201 SE Powell Blvd. Portland	BE5-0997
Pa	John J McIntyre & Sons	514 Knorr St. Phila	PI5-3004
SC	Hobart Dayton Agency	710 Main St. Columbia	
Tenn	Summe Scale Co	124 Stone Rd. Knoxville	577-1021
Tex	Nicol Scales, Inc	1315 S Akard St. Dallas	RI7-8181
Utah	Moore Butcher Supplies Co	136 W 2nd St. Salt Lake City	EL5-7479
Va	National Scale Service Co	PO Box 611, Radford	
Wash	Ind Prods Co	2911 1st. Seattle	MA7488
Wis	Cream City Scale Co	1608 W Clybourn St. Milwaukee	BR6-3972
Can	Canadian Scale Co	305 Hamer Ave. Toronto	
	DETREX CHEMICAL INDUSTRIES INC	**Box 501, Detroit 32, Mich**	**TO8-8600**
	265-670-1075-1125-1915		
	DETROIT STAMPING CO	**350 Midland, Detroit 3, Mich**	
	285		
	DEUTSCH CO. ELECTRONIC COMPONENTS DIV.	**Municipal Airport, Banning, Cal**	**84-96701**
	R Pistolke #30 *500 285-345-905-1135-1545		
Ala	Deutsch Co	303 E. Trinity Ave, Durham, NC	40311
Ariz	Shaffer-Karr Co	240 S. 1st Ave, Phoenix, Ariz	AL8-7893
Cal	Deutsch Co., The	173 W. San Fernando, San Jose	CY3-4050
Cal	W H Denny Sales Co	Box 7451, San Diego 7, Cal	AC4-3451
Colo	Elect. Mech. Sales Co	1540 Vine St. Denver	EA2-5945
Conn	Deutsch Co., The	30 Baiting Pl. Farmingdale, NY	MY4-4640
Del	S W Goodman Co	32 W. Biddle St, Baltimore, Md	SA7-6116
DC	S W Goodman Co	32 W. Biddle St, Baltimore, Md	SA7-6116
Fla	Ludlum Assoc Co	Box 48-1337, Miami 48, Fla	
Fla	Ludlum Associates Co	4471 N. W. 36 St, Miami Springs, Fla	TU5-3611
Ga	Deutsch Co., The	NC Bank Bldg. Burlington, NC	CA8-7234
Ill	R C Whitmore & Assoc	520 N. Michigan Ave, Chicago 11, Ill	MO4-1904
Ind	R C Whitmore & Assoc	520 N. Michigan Ave, Chicago 11, Ill	MO4-1904
Iowa	R C Whitmore & Assoc	520 N. Michigan Ave, Chicago 11, Ill	MO4-1904
Kan	Deutsch Co	317 S. St. Francis, Wichita 2, Kan	FO3-0301
Ky	Jay Engr Co	1721 E. 3rd St, Dayton 3, Ohio	CL3-2151
Me	Deutsch Co	93 Winfield St, Norwood, Mass	NO7-6464
Md	S W Goodman Co	32 W. Biddle St, Baltimore, Md	SA7-6116
Mass	Deutsch Co	93 Winfield St, Norwood, Mass	NO7-6464
Mich	R C Whitmore & Assoc	520 N. Michigan Ave, Chicago 11, Ill	MO4-1904
Minn	R C Whitmore & Assoc	520 N. Michigan Ave, Chicago 11, Ill	MO4-1904
Mo	Deutsch Co	317 S. St. Francis, Wichita 2, Kan	FO3-0301
NH	Deutsch Co	93 Winfield St, Norwood, Mass	NO7-6464
NJ	Deutsch Co., The	30 Baiting Pl. Farmingdale, NY	MY4-4640
NJ	Thomas M Mills Co	138 Tanner St, Haddonfield, NJ	HA9-1005
NY	Naylor Electric Co., Inc	1718 Erie Blvd, E., Syracuse 3, NY	GR2-9183
NY	Deutsch Co., The	30 Baiting Pl. Farmingdale	MY4-4640
NC	Deutsch Co., The	NC Bank Bldg. Burlington	CA8-7234
Ohio	Jay Engineering Co	1721 E. 3rd St, Dayton 3, Ohio	CL3-2151
Okla	Howell Sales Inc	235 SE 14th Grand Prairie, Tex	AN2-0866
Ore	Norwest Co	210 N. 36 St, Seattle 3, Wash	ME3-3232
Pa	Jay Engr Co	1721 E. 3rd, Dayton 3, Ohio	CL3-2151
Pa	Thomas M Mills Co	138 Tanner St, Haddonfield, NJ	HA9-1005
RI	Deutsch Co	93 Winfield St, Norwood, Mass	NO7-6464
SC	Deutsch Co., The	NC Bank Bldg. Burlington, NC	CA8-7234
Tenn	Deutsch Co., The	NC Bank Bldg. Burlington, NC	CA8-7234
Tex	Howell Sales Inc	235 SE 14th Grand Prairie	AN2-0866
Utah	Elect. Mech. Sales Co	1540 Vine St. Denver, Colo	EA2-5945
Vt	Deutsch Co	93 Winfield St, Norwood, Mass	NO7-6464
Va	Deutsch Co., The	NC Bank Bldg. Burlington, NC	CA8-7234
Va	S W Goodman Co	32 W. Biddle St, Baltimore, Md	SA7-6116
Wash	The Norwest Co	210 N. 36 St, Seattle 3, Wash	ME3-3232

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Wisc	R C Whitmore & Assoc	520 N. Michigan Ave, Chicago 11, Ill	MO4-1904
Wyo	Elect. Mech. Sales Co	1540 Vine St. Denver, Colo	EA2-5945
Canada	Brian Engr Ltd	5275 Van Horne Ave, Montreal, Can	RE7-3930
	DEVCO ENGINEERING INC	**Pier La W, Caldwell, NJ**	**CA8-0321**
	D Alen #7 *26 360-565-895-1245		
	DEVCO INC	**E. Longmeadow, Mass**	**LA5-3139**
	S Terry #12 *500 E 320-670-895-1160-1455-1645-1730		
Conn	S A M Assoc	150-08 87th Ave. Jamaica 32, NY	OL8-8881
NJ	S A M Assoc	23 Hastings Rd. Franklin Park	MA3-6595
NY	S A M Assoc	150-08 87th Ave. Jamaica 32	OL8-8881
Ohio	R K Dunk & Assoc	10005 Chippewa Rd. Brecksville	JA6-4317
Pa	Robert K Dunk & Assoc	10005 Chippewa Rd. Brecksville, Ohio	JA6-4317
	DEVELOP-AMATIC ENGINEERING	**923 Industrial Ave. Palo Alto, Cal**	**DA1-3376**
	R Songer #1 *10 A 1075		
Ala	W A Brown & Assoc	3405 Lookout Dr. SE. Huntsville	JE6-8393
Alas	Burt Porter Co	1209 Poplar Pl. Seattle 44, Wash	EA3-8330
Ariz	G S Marshall Co	2065 Huntington Dr. San Marino, Cal	MU1-6781
Cal	G S Marshall Co	2065 Huntington Dr. San Marino	MU1-6781
Cal	G S Marshall Co	801 Woodside Rd. Redwood City	EM6-8214
Colo	Fred A Pease Co	4921 E. 38th Ave. Denver 7	DU8-4643
Conn	Arthur Hatton Assoc. Inc	1000 Farmington Ave. W. Hartford	AD3-3613
Del	W A Brown & Assoc	110 E. Pa. Ave. Towson, Md	VA8-6744
Fla	W A Brown & Assoc	104 E. Gore Ave. Orlando	GA5-5682
Fla	W A Brown & Assoc	201 Capron Rd. Indian River	AM7-0411
Idah	Burt Porter Co	1209 Poplar Place, Seattle 44, Wash	EA3-8330
Ill	EMF Co., The	1645 W. Wabansia Ave. Chicago 22	AR6-8780
Ind	EMF Co., The	1645 W. Wabansia Ave. Chicago 22, Ill	AR6-8780
Kan	Fred A Pease Co	4921 E. 38th Ave. Denver 7, Colo	DU8-4643
Me	Arthur Hatton Assoc. Inc	1000 Farmington Ave. W. Hartford, Conn	AD3-3613
Mass	Arthur Hatton Assoc. Inc	246 Walnut St. Newtonville 60	DE2-2021
Mich	S Sterling Co	15310 W. McNichols, Detroit 35	BR3-2900
Mont	Burt Porter Co	1209 Poplar Pl. Seattle 44, Wash	EA3-8330
Nev	G S Marshall Co	2065 Huntington Dr. San Marino, Cal	MU1-6781
NH	Arthur Hatton Assoc	1000 Farmington Ave. W. Hartford, Conn	AD3-3613
NJ	I E Robinson Co	905 Main St. Asbury Pk	KE1-3150
NM	Fred A Pease Co	4921 E. 38th Ave. Denver 7, Colo	DU8-4643
NC	W A Brown & Assoc	1707 Princeton St. SO. Winston-Salem	PA5-5384
Ohio	S Sterling Co	5827 Mayfield Rd. Cleve 24	HI2-8080
Ore	Burt Porter Co	1937 NE. Multnomah, Portland	AT4-1718
Pa	I E Robinson Co., The	144 Elizabeth St. W. Conshocken	TA8-6200
Pa	I E Robinson Co., The	Park Pl. Office Bldg. Camp Hill	RE7-6791
Pa	S Sterling Co	4924 Clairton Blvd. Pittsbgh 27	TU4-5515
RI	Arthur Hatton Assoc. Inc	1000 Farmington Ave. W. Hartford, Conn	MU1-6781
Tex	Fred A Pease Co	4921 E. 38th Ave. Denver 7, Colo	DU8-4643
Utah	Fred A Pease Co	4921 E. 38th Ave. Denver 7, Colo	DU8-4643
Vt	Arthur Hatton Assoc. Inc	1000 Farmington Ave. W. Hartford, Conn	MU1-6781
Va	W A Brown & Assoc	Box 5007, Alexandria	TE6-1800
Wash	Burt Porter Co	1209 Poplar Pl. Seattle 44	EA3-8330
Wis	EMF Co., The	1645 W. Wabansia Ave. Chicago 22, Ill	AR6-8780
Wyo	Fred A Pease Co	4921 E. 38th Ave. Denver 7, Colo	DU8-4643
BC	Burt Porter Co	1209 Poplar Pl. Seattle 44, Wash	EA3-8330
Can	Abbey Electronic Ltd	555 Wilson Ave. Downsview, Ont	ME5-6181
For	Carlos Brena	Tolsa 63, Mexico 1, D F. Mexico	12-6461
	DEVELOPMENT ELECTRONICS CORP	**4213 S. Broadway, Los Angeles, Cal**	**AD4-7751**
	450-1855		
Minn	Hamilton & Baye Associates Inc	3358 Republic Ave, Minneapolis 26, Minn	WE9-7881
Foreign	Daga Corp	219 E. 44th St, New York 17, NY	MU2-6755
	DEVELOPMENT ENGINEERING CO., INC	**9 Crosse St, Norwalk, Conn**	**VI7-7720**
	R Seidman #1 *7 B 250-895		
Ariz	C Herrmann Assoc	Phoenix	EN-0702
Cal	C Herrmann Assoc	551 E. Walnut, Pasadena	MU1-5111
Cal	Carl Herrmann Associates	Box 1179, Palo Alto, Cal	DA6-6033
Colo	C Herrmann Assoc	Boulder	HI3-8430
Del	C E Snow Co	8218 Wisconsin Ave, Bethesda, Md	OL4-1767
DC	C E Snow Co	8218 Wisconsin Ave, Bethesda, Md	OL4-1767
Idaho	Carl Herrmann Associates	Box 1179, Palo Alto, Cal	DA6-6033
Ill	Bauman & Bluzat	4140 W. Fullerton Ave. Chicago	HU6-6809
Ind	Bauman & Bluzat	4140 W. Fullerton Ave. Chicago, Ill	HU6-6809
Me	Saunders & Co	8 Prospect St, Waltham 54, Mass	TW4-6071
Md	C E Snow Co	8218 Wisconsin Ave, Bethesda, Md	OL4-1767
Mass	Saunders & Co'	8 Prospect St, Waltham 54, Mass	TW4-6071
Mich	Bauman & Bluzat	4140 W. Fullerton Chicago, Ill	HU6-6809
Mont	Carl Herrmann Associates	P.O. Box 1179, Palo Alto, Cal	DA6-6033
Nev	Carl Herrmann Associates	P.O. Box 1179, Palo Alto, Cal	DA6-6033
NH	Saunders & Co	8 Prospect St, Waltham 54, Mass	TW4-6071
NJ	C E Snow Co	613 Cheltanham Ave. Philadelphia, Pa	CH4-2926
NM	C Herrmann Assoc	Albuquerque	CH7-2688
Ore	C Herrmann Assoc	Box 1179, Palo Alto, Cal	DA6-6033
Pa	C E Snow Co	613 Cheltanham Ave. Philadelphia	CH4-2926
RI	Saunders & Co	8 Prospect St, Waltham 54, Mass	TW4-6071
Tex	C Herrmann Assoc	Dallas	RI7-5004
Utah	Carl Herrmann Associates	P.O. Box 1179, Palo Alto, Cal	DA6-6033
Vt	Saunders & Co	8 Prospect St, Waltham 54, Mass	TW4-6071
Va	C E Snow Co	8218 Wisconsin Ave, Bethesda, Md	OL4-1767
Wash	C Herrmann Asso	Seattle	LA3-5662
Wis	Bauman & Bluzat	4140 W. Fullerton, Chicago 39, Ill	HU6-6809
Wyo	Carl Herrmann Associates	P.O. Box 1179, Palo Alto, Cal	DA6-6033
	DEVICE DEVELOPMENT CORP	**428 Boston Post Rd, Weston 93, Mass**	**TW3-0300**
	M Holt #11 *21 B 330-895		
	DEVILBISS CO	**300 Phillips Ave, Toledo 1, Ohio**	**GR4-5411**
	D Bohen #50 *1573 360-590-670-1075-1215		
Ala	C A Walker	2717 Millbrook Rd, Birmingham 13, Ala.	TR1-1240
Ark	J G Farmer Jr	200 East I, N. Little Rock, Ark	SK3-0208
Cal	DeVilbiss Co	1335 N. 10th St, San Jose 12, Cal	CY7-1820
Cal	DeVilbiss Co	6811 E. Slauson Ave, L A 22, Cal	RA3-6307
Colo	L C Weaver, Jr.	1367 S Chase St, Denver 26, Colo	AL5-3889
Conn	A C George	Box 271, R R 1, Ellington, Conn	TR5-2187
Fla	McDuff Corp	1234 7th Ave, N. Jacksonville Beach, Fla	CH9-4022
Fla	B J Benning	21120 Beach Rd, Miami 57, Fla	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ga	DeVilbiss Co	1100 Northside Dr, N.W. Atlanta 18, Ga	TR5-0554
Ill	W R DeVore	525 S Seventh St, DeKalb, Ill	DE6-6928
Ill	DeVilbiss Co	1280 W. Washington Blvd, Chicago 7, Ill	CA6-6847
Ind	DeVilbiss Co	132 E. 30th St, Indianapolis, Ind	WA3-5153
Ind	DeVilbiss Co	2509 Broadway, Ft. Wayne, Ind	HA6063
Iowa	E C Conner Jr	398 Hill St, Dubuque, Iowa	2-0308
La	O J Charbonnet	2946 Gravier Ave, New Orleans 22	523-6829
Md	DeVilbiss Co	8616 Georgia Ave, Silver Spring, Md	JU7-6308
Md	J D Traver	432 Charles St Ave, Towson, Md	SA7-5300
Md	E W Gribbons	R.D. #1, Port Deposit, Md	SA7-5300
Mass	Norris-Wiener Inc	36 Dummer St, Brookline 46, Mass	BE2-8460
Mich	DeVilbiss Co	111 Oakman Blvd, Detroit 3, Mich	TO9-8100
Mich	DeVilbiss Co	511 W. Fulton St, Grand Rapids 2, Mich	GL6-1674
Minn	DeVilbiss Co	3016 E. Lake St, Minneapolis 6, Minn	PA9-2339
Mo	DeVilbiss Co	1716 Baltimore St, Kansas City 5, Mo	HA1-2525
Mo	The DeVilbiss Co	1501 Fairview Ave, St Louis 32, Mo	HA9-1920
Neb	D J Smith	5012 N 84th Ave, Omaha 14, Neb	391-3590
NJ	DeVilbiss Co	10 Stern Ave, Springfield, NJ	DR6-7900
NY	J M Asper	316 E Gibson St, Canandaigua, NY	CA155
NC	W L Gilbert Jr	Box 3065, Winston-Salem, NC	PA2-1180
NC	J S McNamara	1100 Roanoke Ave, Charlotte, NC	KE7-4626
Ohio	DeVilbiss Co	4003 E. 89th St, Cleveland 5, Ohio	BR1-6065
Ohio	DeVilbiss Co	3418 Reading Rd, Cincinnati 29, Ohio	CA1-1665
Ohio	DeVilbiss Co	354 W. 1st St, Dayton 2, Ohio	BA8-9213
Okla	W B Reed	2222 N Douglas Blvd. Oklahoma City 11	JA4-1779
Ore	Star Machinery Co	3425 NW Yeon Ave, Portland 10, Ore.	CA8-7395
Pa	The DeVilbiss Co	401 N Broad St, Philadelphia 8, Pa	WA2-6700
Pa	The DeVilbiss Co	345 Mt Lebanon Blvd, Pittsburgh 34, Pa	LO3-6611
Pa	DeVilbiss Co	401 N. Broad St, Philadelphia 8, Pa	WA2-6700
Tenn	J W Anderson Jr	1285 Parkland Rd, Memphis 11, Tenn	FA7-5222
Tenn	A E Clevenger	3017 Weymouth Ln, Knoxville 6, Tenn	4-3783
Tex	DeVilbiss Co	3468 Irving Blvd, Dallas 7, Tex	RI1-4052
Tex	Omar Rhodes	2365 Dunstan Rd, Houston 5, Tex	JA9-3775
Tex	J R Herring	4302 37th St, Lubbock, Tex	SW9-6726
Utah	W T Jacobs, Jr.	2347 Emerson Ave, Salt Lake City, Utah	HU5-8459
Utah	Intermountain Jobbers Supply Co	780 S. Third W., Salt Lake City 11, Utah	EL5-7424
Wash	Star Machinery Co	241 Lander St, Seattle 4, Wash	MA3-0760
Wash	Star Machinery Co	E. 415 Sprague, Spokane, Wash	RI7-6121
Wisc	DeVilbiss Co	6915 W. Capitol Dr, Milwaukee 16, Wisc	HO3-5850
Canada	DeVilbiss (Canada) Ltd	P.O. Box 752, Barrie, Ontario, Canada	
Foreign	Matrix S A	Caixa Postal 8344, Sao Paulo, Brazil	
Foreign	Aerograph-DeVilbiss Co Ltd	Lower Sydenham, London S.E. 26, England	
	DEVILBISS CO. METAL FAB. DIV	**5741 Russell St. Detroit 11, Mich**	**TR3-2100**
	T McGuire #15 *300 G 825-1215		
Cal	Devilbiss Co, The	6811 E Slauson Ave. LA 22	RA3-6307
Cal	Devilbiss Co, The	1335 N 10th St. San Jose 12	CY7-1820
Ga	Devilbiss Co., The	1100 Northside Dr. Atlanta 18	TR5-0554
Ill	Devilbiss Co, The	1280 W Washington Blvd. Chicago 7	CA6-6847
Ind	F L Witten	2509 Broadway, Fort Wayne	HA-6063
Md	Devilbiss Co, The	8616 Georgia Ave. Silver Springs	JU7-6308
Mich	Devilbiss Co, The	111 Oakman Blvd. Detroit 3	TO9-8100
Minn	Devilbiss Co, The	3016 E. Lake St. Mpls. 6	PA9-2339
Mo	Devilbiss Co, The	1501 Fairview Ave. St. Louis	HA9-1920
Mo	Devilbiss Co, The	1716 Baltimore St. Kansas City 5	HA1-2525
NJ	Devilbiss Co, The	10 Stern Ave. Springfield	DR6-7900
Ohio	Devilbiss Co, The	4003 E 89th St. Cleveland 5	BR1-6065
Pa	Devilbiss Co, The	401 N. Broad St. Philadelphia 7	WA2-6700
Pa	Devilbiss Co, The	502 Plaza Bldg. Pittsbgh. 19	AT1-5058
Tex	Devilbiss Co, The	3468 Irving Blvd. Dallas 7	RI1-4052
Wis	Devilbiss Co, The	6915 W Capitol Dr. Milwaukee 16	BR2-6270
For	Devilbiss Co, The	300 Phillips Ave. Toledo 1, Ohio	GR4-5411
	DEVON TAPE CORP	**110 Hartford Ave, Mt. Vernon, NY**	**MO4-7616**
	F Devon 1755		
Cal	Benard L Cahn	823 Lake St, San Francisco 18, Cal	BA1-5923
Colo	W B Gollither Co	1559 Chester St, Aurora 8, Colo	HI2-7899
Mo	Terwilliger Sales Co	9304 High Dr, Kansas City 15, Mo	MI9-0188
NY	Jack Brown Associates	207 Rosedale Rd, Yonkers, NY	SP9-7330
Ohio	Fred A Rosenwasser Sales	13700 Cedar Rd, Cleveland 18, Ohio	FA1-0463
Tex	Athans Sales Co	1630 Irving Blvd, Dallas 7, Tex	RI2-4450
	DEWITT DEVELOPMENT CO.	**3008 W. 127 St, Blue Island, Ill**	**FU8-2400**
	#2 *5 A 70-320		
	DI-ACRO CORP	**533 8th Ave. Lake City, Minn**	**6301**
	R Molood #3 *150 E 1075		
Ala	R Ostrom	3781 Narmore Rd. NE, Atlanta, Ga	CE3-4313
Ariz	R Prestin	13956 Barrydale, LaPuente, Cal	ED8-5937
Cal	R Prestin	13956 Barrydale, LaPuente	ED8-5937
Colo	R Prestin	13956 Barrydale, LaPuente, Cal	ED8-5937
Conn	F Marquis	18 Trinity Pl. Montclair, NJ	PI4-8565
Del	J R K Cowan	Box 461, Blacksburg, Va	PR2-6603
DC	F Marquis	18 Trinity Pl. Montclair, NJ	PI4-8565
Fla	R Ostrom	3781 Narmore Rd. NE, Atlanta, Ga	CE3-4313
Ga	R Ostrom	3781 Narmore Rd. NE, Atlanta, Ga	CE3-4313
Ill	R D McAdaragh	10718 S Wallace, Chicago 28	CO4-0933
Ind	R D McAdaragh	10718 S Wallace, Chicago 28, Ill	CO4-0933
Ind	M P Hirt	Box 416, Shawnee, Kans	ME1-9212
Kan	M P Hirt	Box 416, Shawnee	ME1-9212
Ky	R D McAdaragh	10718 S Wallace, Chicago 28, Ill	CO4-0933
Me	F C Marquis	18 Trinity Pl. Montclair, NJ	PI4-8565
Md	F C Marquis	18 Trinity Pl. Montclair, NJ	PI4-8565
Mass	F C Marquis	18 Trinity Pl. Montclair, NJ	PI4-8565
Mich	R D McAdaragh	1718 S Wallace, Chicago 28, Ill	CO4-0933
Miss	R Ostrom	3781 Narmore Rd. NE, Atlanta, Ga	CE3-4313
Mo	M P Hirt	Box 416, Shawnee Kan	ME1-9212
Neb	M P Hirt	Box 416, Shawnee, Kan	ME1-9212
Nev	R Prestin	13956 Barrydale LaPuente, Cal	ED8-5937
NH	F C Marquis	18 Trinity Pl. Montclair, NJ	PI4-8565
NJ	F C Marquis	18 Trinity Pl. Montclair, NJ	PI4-8565
NY	F C Marquis	18 Trinity Pl. Montclair, NJ	PI4-8565
NC	J R K Cowan	Box 461, Blacksburg, Va	PR2-6603
Ohio	R D McAdaragh	10718 S Wallace, Chicago 28, Ill	CO4-0933
Okla	M P Hirt	Box 416, Shawnee, Kan	ME1-9212
Ore	R Prestin	13956 Barrydale LaPuente, Cal	ED8-5937
Pa	F C Marquis	18 Trinity Pl. Montclair, NJ	PI4-8565
RI	F C Marquis	18 Trinity Pl. Montclair, NJ	PI4-8565

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
SC	J R K Cowan	Box 461, Blacksburg, Va	PR2-8603
Tenn	J R K Cowan	Box 461, Blacksburg, Va	PR2-8603
Utah	R Prestin	13656 Barrydale, LaPuente, Cal	ED8-5937
Vt	F C Marmis	18 Trinity Pl, Montclair, NJ	PI4-8565
Va	J R K Cowan	Box 461, Blacksburg, Va	PR2-8603
Wash	R Prestin	13656 Barrydale, LaPuente, Cal	ED8-5937
W Va	J R K Cowan	Box 461, Blacksburg, Va	PR2-8603
Wisc	R D McAdaragh	10718 S Wallace, Chicago 28, Ill	CO4-0933
	DIAL PRODUCTS CO.	**19 Carrage St, Bayonne, NJ**	**HE7-0720**
	J Wolfkind #5 *5[illegible] 145-310-[illegible]		
Ariz	[illegible] Corp	2022 S. Sepulveda, Los Angeles, Cal	BR2-3757
Cal	[illegible] Corp	2022 S. Sepulveda, Los Angeles, Cal	BR2-3757
Conn	Arthur T Hatton Assoc, Inc	1000 Farmington Ave, W Hartford, Conn	AD3-3613
Mass	Arthur T Hatton Associates, Inc	245 [illegible] St, Newtonville, Mass	DE2-2021
Nev	[illegible] Corp	2022 S. Sepulveda, Los Angeles, Cal	BR2-3757
NJ	S & M Associates	[illegible] Broad Ave, Ridgefield, NJ	WH5-0080
NM	[illegible] Corp	2022 S. Sepulveda, Los Angeles, Cal	BR2-3757
NY	S & M Associates	555 Broad Ave, Ridgefield, NJ	WH5-0080
•	**DIALIGHT CORP**	**60 Stewart Ave, Brooklyn 37, NY**	**HY7-7600**
	R Greene #10 *250 F 345-895-930-985-990-1245-1630		
Ala	Cartwright & Bean	[illegible] Cooper, Memphis, Tenn	BR5-1914
Alaska	Burt C Porter Co	1209 Poplar Pl, Seattle, Wash	EA3-8330
Ariz	Jack Berman Co	[illegible] N. First Ave, Phoenix, Ariz	WH5-9321
Ark	Campion Sales Co	[illegible] Chancellor Row, Dallas, Tex	FL7-4095
Cal	F W Moultrop Co	1536 E 12th St, Oakland	AN1-7676
Cal	Jack Berman Co	[illegible] La Cienega Blvd, Los Angeles	OL5-8920
Colo	Hyde Electronics Co	[illegible] S. Lipan St, Denver, Colo	WE6-3455
Conn	Charles Siegel Co	1392 Commonwealth Ave, Boston, Mass	BE2-2555
Del	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
DC	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
Fla	Cartwright & Bean	3000 N.E. 25th Ct, N. Miami, Fla	WI5-2962
Fla	Cartwright & Bean	Box [illegible], Orlando, Fla	GA5-8284
Ga	Cartwright & Bean	[illegible] Cain's Hill Pl, N.W., Atlanta, Ga	CE2273
Idaho	Burt C Porter Co	1209 Poplar Pl, Seattle, Wash	EA3-8330
Ill	Hill-Gray	821 Garfield St. Oak Park	ES8-7050
Ill	F C Somers Co	[illegible] Main St, Kansas City, Mo	GR1-1355
Ind	Southern Sales Co	105 Lakeshore Dr, Angola	AN777
Ind	Southern Sales Co	[illegible] Carrollton Ave, Indpls	CL3-3359
Iowa	J T Hersey	[illegible] Greenwood Ave, S.E., Cedar Rapids	CE2-2931
Kan	F C Somers Co	[illegible] Main St, Kansas City, Mo	GR1-1355
Ky	Southern Sales Co	105 Lakeshore Dr, Angola, Ind	AN777
La	Campion Sales Co	[illegible] Chancellor Row, Dallas, Tex	FL7-4095
Me	Charles Siegel Co	1392 Commonwealth Ave, Boston, Mass	BE2-2555
Md	L D Lowery Inc	[illegible]	UN4-4722
Mass	Charles Siegel Co	1392 Commonwealth Ave, Boston, Mass	BE2-2555
Mich	Koehler-Pearson Co	225 W [illegible] St, Kalamazoo	FI9-6315
Mich	Koehler-Pearson Co	11803 Hamilton Ave, Detroit, Mich	TO8-3322
Minn	R G Roger Inc	1406 W. [illegible] Ave, St. Paul, Minn	MI6-6937
Miss	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR5-1914
Mo	F C Somers Co	[illegible] Main St, Kansas City, Mo	GR1-1355
Mont	Burt C Porter Co	1209 Poplar Pl, Seattle, Wash	EA3-8330
Neb	F C Somers Co	[illegible] Main St, Kansas City, Mo	GR1-1355
Nev	Hyde Electronics Co	[illegible] S. Lipan St, Denver, Colo	WE6-3455
Nev	F W Moultrop Co	1536 E 12th St, Oakland, Cal	AN1-7676
Nev	Jack Berman Co	[illegible] La Cienega Blvd, Los Angeles, Cal	OL5-8920
NH	Charles Siegel Co	1392 Commonwealth Ave, Boston, Mass	BE2-2555
NJ	F F Sylvester Assoc	640 Morris Ave, Springfield	DR6-3324
NJ	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
NM	Hyde Electronics Co	[illegible] Ave, N.E., Albuquerque	AM8-1111
NY	Arthur Perkins	[illegible] S. Warren St, Syracuse, NY	GR1-6828
NC	Cartwright & Bean	625 Hartway Dr, Charlotte	FR6-8648
ND	R G Roger Inc	1406 W. Idaho Ave, St. Paul, Minn	MI6-6937
Ohio	Paul Sales Co	2609 Broadway, Ft. Wayne, Ind	HA0589
Okla	Campion Sales Co	[illegible] Chancellor Row, Dallas, Tex	FL7-4095
Ore	Burt C Porter Co	Box [illegible], Portland, Ore	AT4-1718
Pa	Paul Sales Co	2609 Broadway, Ft. Wayne, Ind	HA0589
Pa	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
Pa	Arthur Perkins	[illegible] S. Warren St, Syracuse, NY	GR1-6828
RI	Charles Siegel Co	1392 Commonwealth Ave, Boston, Mass	BE2-2555
SC	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR5-1914
SD	R G Roger Inc	1406 W. Idaho Ave, St. Paul, Minn	MI6-6937
Tenn	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR5-1914
Tex	Campion Sales Co	[illegible] Chancellor Row, Dallas, Tex	FL7-4095
Utah	Hyde Electronics Co	[illegible] Connor St, Salt Lake City, Utah	IN7-5763
Vt	Charles Siegel Co	1392 Commonwealth Ave, Boston, Mass	BE2-2555
Va	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
Wash	Burt C Porter Co	1209 Poplar Pl, Seattle, Wash	EA3-8330
W. Va	Paul Sales Co	2609 Broadway, Ft. Wayne, Ind	HA0589
Wis	Hill-Gray	821 Garfield St. Oak Park, Ill	ES8-7050
Wisc	R G Roger Inc	1406 W. Idaho Ave, St. Paul, Minn	MI6-6937
Wyo	Hyde Electronics Co	[illegible] S. Lipan St, Denver, Colo	WE6-3455
Canada	Lake Engineering Co Ltd	123 Manville Rd, Scarborough, Ont, Can	PL7-3253
Canada	Burt C Porter Co	1209 Poplar Pl, Seattle, Wash	EA3-8330
	DIALTRON CORP	**203 Harrison Pl, Brooklyn 37, NY**	**HY7-7600**
	J Weil #4 *100 E 1460		
	Sales Representatives: See Dialight Corp.		
	DIAMOND ANTENNA & MICROWAVE CORP	**River St, Winchester, Mass**	**PA9-5580**
	25-45-50-325-385-670-845-895-910-1045-1135-1170-1425-1585-1845-1870-1895		
Ariz	J T Hill Co	318 W. State Ave, Phoenix, Ariz	CR7-0506
Cal	J T Hill Co	San Gabriel, Cal	AT7-9633
Cal	J T Hill Co	San Diego, Cal	AC3-7133
Cal	J T Hill Co	San Carlos, Cal	LY3-7693
Mo	Automatic General Sales Co	[illegible] Lackland Rd, St. Louis 14, Mo	HA8-3934
Neb	Automatic General Sales Co	6550 B Troost Ave, Kansas City, Mo	GR8575
Nev	J T Hill Co	San Carlos, Cal	LY3-7693
NJ	Wally Sholan & Co	880 Bergen Ave, Jersey City, NJ	SW5-2220
NY	Wally Sholan & Co	880 Bergen Ave, Jersey City, NJ	WO2-0365
	DIAMOND CHAIN CO., INC	**402 Kentucky Ave, Indianapolis 7, Ind**	**ME8-6431**
	O Maginnis #60 *1200 G 390		
Cal	Diamond Chain Co., Inc	900 Santa Fe Ave, Los Angeles 21, Cal	MA2-1723
Cal	Diamond Chain Co., Inc	555 Santa Cruz Ave, Menlo Park, Cal	DA3-4940
Ga	Diamond Chain Co., Inc	92 Fourteenth St, N.E., Atlanta 9, Ga	TR6-5184
Ill	Diamond Chain Co., Inc	212 S. Marion St, Oak Park, Ill	EU3-1512
Mass	Diamond Chain Co., Inc	945 Great Plain Ave, Needham 92, Mass	HI4-1390
Mich	Diamond Chain Co., Inc	81 [illegible] Natl Bk Bldg, Battle Creek	WO3-5364
Minn	Diamond Chain Co., Inc	215 Sixth St, S.E., Minneapolis, Minn	LI0196
NY	Diamond Chain Co., Inc	10 Home St, Union Springs, NY	UN7-7517
Ohio	Diamond Chain Co., Inc	7361 Hamilton Ave, Cincinnati 37, Ohio	WE1-3302
Ohio	Diamond Chain Co., Inc	17799 Lorain Ave, Cleveland 11, Ohio	WI1-9595
Okla	Diamond Chain Co., Inc	2238 Terwilliger Blvd, Tulsa 14, Okla	RI2-1960
Pa	Diamond Chain Co., Inc	40 Suburban Sq Bldg, Philadelphia, Pa	MI2-7075
Tex	Diamond Chain Co., Inc	9119 Diplomacy Row, Dallas 7, Tex	FL7-6669
Wash	Diamond Chain Co., Inc	17562 Aurora Ave, Seattle 33, Wash	LI6-2303
	DIAMOND DRILL CARBON CO	**244 Madison Ave, New York 16, NY**	**LE2-3006**
	B Rhodes *15 410		
	DIAMOND ELECTRONICS DIV DIAMOND POWER SPECIALTY CORP		
		Box 415, Lancaster, Ohio	**OL3-6540**
	R Renko #7 *50 D 1910		
Ala	Boiler Equipment Service Co	1079 Alco St, Atlanta 5, Ga	ME4-7373
Ala	Boiler Eqpt. Service Co	Box 13138, Atlanta 24, Ga	634-7373
Ala	A M Lockett & Co. Ltd	306 Whitney Bldg. New Orleans, La	JA2-8382
Ariz	C C Moore & Co Engineers	511 Luhrs Bldg. Phoenix, Ariz	AL2-8391
Ark	A M Lockett & Co. Ltd	1108 Mercantile Dallas Bldg. Dallas, Tex	RI1-4153
Ark	Process & Power Inc	1965 Harbor Ave, Memphis, Tenn	WH2-3253
Cal	Diamond Power Specialty Corp	4705 Crenshaw Blvd, Los Angeles 43	AX1-0514
Cal	C C Moore & Co Engineers	711 Wilshire Blvd, Los Angeles 17, Cal	HU2-7550
Cal	C C Moore & Co Engineers	450 Mission St, San Francisco, Cal	GA1-3484
Colo	Stearns Roger Mfg Co	660 Bannock St, Denver, Colo	AC2-8484
Conn	Diamond Power Specialty Corp	666 3rd Ave, New York 17, NY	MU2-7080
Del	Emlin-Peterson Co	Montgomery Ln, Radnor, Pa	PO6-4877
DC	Washington Engineering Co., Inc	1025 Connecticut Ave, Wash, DC	ME8-2443
Fla	Boiler Equipment Service Co	Box 13138, Atlanta 24, Ga	ME4-7373
Ga	Boiler Equipment Service Co	Box 13138, Atlanta 24, Ga	ME4-7373
Hawaii	Hawaiian Equipment Co	Box 29[illegible], Honolulu, Hawaii	8-5902
Idaho	C C Moore & Co. Engs	305 Vance Bldg, Seattle 4, Wash	MA2-1496
Idaho	Stearns-Roger Mfg Co	41 Richards St, Salt Lake City, Utah	DA2-5821
Ill	Diamond Power Specialty Corp	2200 Bankers Bldg, Chicago, Ill	RA6-4426
Ind	Charles Weber Co	536 Eastern Pkwy, Louisville, Ky	ME7-2574
Ind	Lathrop-Trotter Co	4000 E. 16th St, Indpls. 7	FL6-8600
Ind	Graybar Elect. Co. Inc	6445 Indpls. Blvd, Hammond	
Iowa	Diamond Power Specialty Corp	105 W. Adams St, Chicago 3, Ill	RA6-4426
Kan	Economy Equipment Co	7341 Broadway, Kansas City 14, Mo	JA3-1010
Ky	Charles Weber Co	536 Eastern Pkwy, Louisville, Ky	ME7-2574
La	A M Lockett & Co	Whitney Bldg, New Orleans, La	JA2-8382
Me	Diamond Power Specialty Corp	10 High St, Boston, Mass	HA6-6676
Md	Emlen-Peterson Co	Montgomery Ln, Radnor, Pa	
Mass	Diamond Power Specialty Corp	10 High St, Boston, Mass	HA6-6676
Mich	Basic Service Corp	16544 Plymouth Rd, Detroit 27, Mich	VE7-8820
Mich	Fulton Radio Supply	128 Greenwood Ave, Jackson, Mich	ST4-6106
Minn	R G Read Co	15312 Hwy 7, Hopkins, Minn	WE8-2711
Miss	Process & Power Inc	1965 Harbor Ave, Memphis 6, Tenn	WH2-3253
Mo	Economy Equipment Co	7341 Broadway, Kansas City 14, Mo	JA3-1010
Mo	Graybar Elec Co., Inc	1644 Baltimore Ave, Kansas City, Mo	
Mont	Stearns-Roger Mfg Co	41 Richards St, Salt Lake City 1, Utah	DA2-5891
Neb	Stearns-Roger Mfg Co	660 Bannock St, Denver, Colo	AC2-8484
Nev	Stearns-Roger Mfg Co	41 Richards St, Salt Lake City 1, Utah	DA2-5891
NH	Diamond Power Specialty Corp	10 High St, Boston, Mass	HA6-6676
NJ	Emlen-Peterson Co	Montgomery Ln & King of Prussia Rd, Radnor, Pa	
NM	Stearns-Roger Mfg Co	660 Bannock St, Denver, Colo	AC2-8484
NY	Arthur E Jones Co. Inc	3 Stevenson Blvd, Buffalo 26	AT3995
NY	P S Miller	1119 State St, Schenectady 4	DI6-1135
NY	Diamond Power Specialty Corp	666 3rd Ave, New York 17, NY	MU2-7080
NC	Brown & Morrison	1900 E 7th St, Charlotte 4	ED3-0774
ND	R G Read Co	15312 Hwy 7, Hopkins, Minn	WE8-2711
Ohio	J W Spencer Asso	839 Society for Savings Bldg, Cleveland	MA1-4793
Ohio	J W Spencer Associates	839 Society for Savings Bldg, Cleveland	MA1-4793
Ohio	Gemco	Box 23, Cincinnati 31, Ohio	CH1-1668
Okla	Graybar Elec Co., Inc	2406 E. 12th St, Tulsa 4, Okla	
Ore	C C Moore & Co Engineers	1120 Failing Bldg, Portland 4, Ore	CA8-9684
Pa	R F Painter	301 W 12th St. Erie	LA8-7169
Pa	Diamond Power Specialty Corp	404 Liberty Trust Bldg, Phila	LO4-1166
Pa	Diamond Power Specialty Corp	1610 Potomac Ave, Pittsburgh	FI1-9002
Pa	Emlen-Peterson Co	Montgomery Ln & King of Prussia Rd, Radnor, Pa	
Pa	West Penn Controls Co	Box 11055, Pittsburgh 37, Pa	PO6-4877
RI	Diamond Power Specialty Corp	10 High St, Boston, Mass	HA6-6676
SC	Brown & Morrison	207 Liberty Life Bldg, Charlotte, NC	ED3-0774
SD	R G Read Co	15312 Hwy 7, Hopkins, Minn	WE8-2711
Tenn	Process & Power Inc	1965 Harbor Ave, Memphis 6, Tenn	WH2-3253
Tex	Graybar Elect. Co. Inc	717 Latimer St. Dallas 26	
Tex	A M Lockett & Co	3404 W. 12th St, Houston 1, Tex	UN9-3711
Utah	Stearns Roger Mfg Co	41 Richards St, Salt Lake City 1, Utah	DA2-5891
Vt	Diamond Power Specialty Corp	10 High St, Boston, Mass	HA6-6676
Va	Berkness Control & Eqpt. Corp	308 W. Cary St. Richmond	MI2-5357
Wash	C C Moore & Co. Engrs	305 Norton Bldg. Seattle 4	MA2-1496
Wash	New Products Inc	6551 Phinney Ave, Seattle 1, Wash	SU3-1900
W. Va	West Penn Controls Co	Box 11055, Pittsburgh 37, Pa	PO6-4877
Wisc	W Classman Co	229 W. Center St, Milwaukee 12, Wisc	FR2-1140
Wyo	Stearns-Roger Mfg Co	660 Bannock St, Denver, Colo	AC2-8484
Can	Canapower Thermal Spec. Ltd	3285 Cavendish Blvd. Montreal 28, Que	HU4-8451
Can	Canapower Thermal Spec. Ltd	1835 Yonge St. Toronto 7, Ont	HU5-0483
Can	C C Moore & Co. Engrs	510 W. Hastings St. Vancouver 2, BC	MU4-8391
Can	Canapower Thermal Spec. Ltd	837 W. Hastings St. Vancouver, BC	MU2-2901
Foreign	Cleveland Overseas Corp	209 [illegible] Bldg, Cleveland 15, Ohio	TO1-5155
	DIAMOND TOOL & HORSESHOE CO	**4702 W. Grand Ave, Duluth, Minn**	**MA4-4858**
	J Cooper Jr *300 1825		
	DIAMONITE PRODUCTS MFG CO	**Shreve, Ohio**	**JO7-4211**
	G Schmidhammer #6 *140 E 05-240-900-1875-1890-1940		
Ala	V Avis McCorvey Co	403 Cherry St, Gadsden, Ala	LI6-0101
Ariz	Electrical Specialty Co	916 W. Adams, Phoenix, Ariz	
Cal	Electrical Specialty Co	158-164 Eleventh St, San Francisco, Cal	HE1-8450
Cal	Electrical Specialty Co	2820 E. 12th St, Los Angeles 23, Cal	AN9-9511
Colo	Electrical Specialty Co	2026 Arapahoe St, Denver 5, Colo	CH5-4588
Conn	Henry Lavin Associates, Inc	P.O. Box 196, Meriden, Conn	BE7-5527
Fla	V Avis McCorvey Co	708 San Juan Blvd, Orlando, Fla	CR7-1866
Ga	V Avis McCorvey Co	215 Church St, Decatur, Ga	DR7-6167
Ill	Harry Halinton	6400 N. Lenti Ave, Chicago 30, Ill	RO3-2132
Mich	Warren E Lammers	19[illegible] [illegible] Ave, Detroit 24, Mich	TU5-6711
Mo	A V Dowd Co	[illegible] Francis Pl, St Louis, Mo	PA5-3377
NJ	William S Mills	[illegible], Madison, NJ	FR7-7747
NY	Wadsworth Mfg Associates	306 Northern Blvd, Albany, NY	3F882
NY	Wadsworth Mfg Associates	509 [illegible] St, Liverpool, NY	OL2-7043
Ohio	Frank A & Robert H Gold	P.O. Box 765, Cleveland 22, Ohio	LO1-6835
Ohio	Harry G Lake Co	[illegible] First St, Dayton 2, Ohio	BA4-3122
Ore	Electrical Specialty Co	212 N.E. 14th Ave, Portland 3, Ore	CA7-3181
Pa	Wadsworth Mfg Associates	312 Pine Ave, [illegible], Pa	1561
Pa	W F Satterthwaite	120 E. Township Rd, [illegible], Pa	[illegible]
Tex	Ben Karowsky	5521 Maple, Dallas, Tex	LA1-3191
Wash	Electrical Specialty Co	2406 First Ave, S., Seattle 4, Wash	MA3-8061
Foreign	American Mfgr's Export Assn	P.O. Box 771, Canton 1, Ohio	GL2-6137
	DI/AN CONTROLS INC	**944 Dorchester Ave, Boston, Mass**	
	C Smith #13 *105 E 150-185-330-340-360-365-430-895-1470		
Cal	Wright Eng Co	180 E California St. Pasadena	MA1-8488
Cal	Wright Eng Co	125 25th St, San Mateo	FI5-3157
Conn	George Gostenhofer & Associates	7 Wellington St, Waltham, Mass	TW4-9500
Del	S & S Associates Inc	P.O. Box 453, Glen Burnie, Md	SO1-2927
DC	S & S Associates Inc	4509 Calvert Rd, College Park, Md	AP7-3777
Fla	Lynd A Walking	PO Box 7156, Miami 55	CA1-4297
Ga	Lund A Walking	PO Box 3045, Atlanta 17	DR3-8846
Idaho	N R Schultz Co	4227 Airport Way, Seattle, Wash	
Md	S & S Assoc (Branch)	4509 Calvert Rd. College Park	AP7-3777
Md	S & S Associates Inc	P.O. Box 453, Glen Burnie, Md	SO1-2927
Mass	George Gostenhofer & Associates	7 Wellington St, Waltham, Mass	TW4-9500
Nev	Wright Engineering Co	180 E. California St, Pasadena, Cal	MU1-8488
NH	George Gostenhofer & Associates	7 Wellington St, Waltham, Mass	TW4-9500
NJ	S & S Associates Inc	780 W. DeKalb Pike, King of Prussia, Pa	BR9-7192
NY	D B Assoc, Inc	PO Box 284, Dewitt	
NY	D B Assoc, Inc	3307 Erie Blvd. E DeWitt	GI6-0220
NY	Travco Assoc	45 N Sta Plaza, Great Neck	HU7-9666
NY	Controls & Instruments (overseas) Co	15 E 40th St, New York 16	
Ore	N R Schultz Co	4227 Airport Way, Seattle, Wash	
Pa	S & S Associates	780 W. DeKalb Pike, King of Prussia, Pa	BR9-7192
RI	George Gostenhofer & Associates	7 Wellington St, Waltham, Mass	TW4-9500
Vt	George Gostenhofer & Associates	7 Wellington St, Waltham, Mass	TW4-9500
Wash	N R Schultz	4227 Airport Way, Seattle	MA4-8650
Can	Radionics Ltd	8230 Mayrand St. Montreal 9, Que	RE9-5517
	DICE CO J W	**Englewood, NJ**	**LO9-8471**
	E Van Bessel #3 *8 360-895-1075-1100-1915		
Ill	Sheritz-Henderson Co	5707 W. Lake St, Chicago 44, Ill	CO1-1032
Ind	Lee Grunkemeyer Co	3455 Edwards Rd, Cinn 8, Ohio	EA1-1110
Ky	Lea Grunkemeyer Co	3455 Edwards Rd, Cinn 8, Ohio	EA1-1110
Mich	M Antonik	13040 Asbury Park, Detroit 27, Mich	VE6-5108
Ohio	Lee Grunkemeyer Co	3455 Edwards Rd, Cinn 8, Ohio	EA1-1110
	DICKSON ELECTRONICS CORP	**248 Wells Fargo Ave. Scottsdale, Ariz**	**WH6-5357**
	H Berck #7 *29 C 500-1445		
Ariz	Carter Assoc. Inc	Box 91, Scottsdale	WH5-3611
Cal	Eng. Liaison Assoc	7360 Beman Blvd. Hollywood 28	HO9-2283
Conn	V J Huntoon Assoc. Inc	908 Belmont Ave, Springfield, Mass	ST8-8516
Del	C H Newson & Assoc. Inc	813 Bethlehem Pike, Philadelphia 18, Pa	CH8-3377
DC	C H Newson & Assoc. Inc	813 Bethlehem Pike, Philadelphia 18, Pa	CH8-3377
Fla	Components Sales Corp	1025 NE 164th St, N. Miami Beach	WI5-7721
Idaho	International Electronic Sales Co	6021 Airport Way, Seattle 8, Wash	PA3-3161
Ill	R L Hanna Co	10021-41 Franklin Ave, Franklin Park	GL1-2[illegible]
Iowa	R L Hanna Co	10021-41 Franklin Ave, Franklin Pk, Ill	GL1-2[illegible]
Md	L Daniels	Box [illegible], Baltimore 4	LY2-7722
Mass	V Huntoon Assoc. Inc	908 Belmont Ave, Springfield	ST8-8516
Mich	D H Estler Co	18450 Livernois Ave, Detroit 21	UN3-8[illegible]
Mont	Intl. Electronics Sales Co	6021 Airport Way, Seattle 8, Wash	PA3-3161
NJ	Kahgan Sales Corp	1[illegible] Broadway, NY 1, NY	MU4-7772
NJ	C H Newson & Assoc. Inc	813 Bethlehem Pike, Phila, Pa	CH8-3377
NM	Carter Assoc. Inc	Box 91, Scottsdale, Ariz	WH5-3611
NY	Kahgan Sales Corp	1[illegible] Broadway, NY 1	MU4-7772
NY	M L Spitler Co	Box 2104, Buffalo 23	
Ore	Intl. Electronic Sales Co	813 Bethlehem Pike, Phila, Pa	CH8-3377
Pa	C H Newson & Assoc. Inc	813 Bethlehem Pike, Phila, Pa	CH8-3377
Tex	Southwestern Gage Co	3030 Dyer St. Dallas, Tex	EM3-1121
Wash	Intl. Electronic Sales Co	6021 Airport Way, Seattle 8	PA3-3161
	DIEBEL DIE & MFG CO	**6505 W Oakton St. Morton Grove, Ill**	**NI7-6016**
	R Diebel #4 *200 E 1120-1125		
	DIEHL MANUFACTURING CO	**1129 Finderne Ave, Somerville, NJ**	**RA5-2200**
	W Hunter #35 *1,500 E 338-895-1165-1585		
Cal	Luscombe Engineering Co	1129 S. Fair Oaks Ave, Pasadena, Cal	RY1-3[illegible]
Cal	Luscombe Engineering Co	139 N. B St, San Mateo, Cal	DI2-7[illegible]
Cal	Luscombe Engineering Co	3151 El Cajon Blvd, San Diego 4, Cal	AT3-[illegible]
Colo	Spicer-Lindsay Associates	4950 E. Evans Ave, Denver, Colo	SK6-0527
DC	Remco Engineering Representative	321 E. 45th St, Seattle 5, Wash	ME3-5858
Fla	Gentry Assoc. Inc	1851 Oak Ln. Orlando	GA4-0730
Ill	Diehl Mfg Co	1010 W. Jackson Blvd. Chicago, Ill	TA9-4556
Mass	General Measurements Co. Inc	1108 Beacon St, Newton Highlands 61	WO1-9150
Mich	R W Reed	Box 27, Marshall	ST1-7287
NY	Diehl Mfg. Co	95 Liberty St. NY 6	DI9-1200
Ohio	W P Cunniff	Box 91, Cinc 39	JA2-6886
Ohio	Technical Assoc. Inc	4475 Lander Rd. Chagrin Falls	TE1-9984
Tex	V J Sykes Assoc. Inc	2608 Inwood Rd. Dallas 35	FL2-6943
Wash	Diehl Mfg Co	1707 H St, N.W., Wash 6, DC	DI7-3426
	DIELECTRIC MATERIALS CO.	**5315-17 N. Ravenswood, Chicago, Ill**	**LO1-5833**
	O Moeuzer #3 *50 D 190-1290-1960		
	DIELECTRIC PRODUCTS ENGINEERING CO. INC		
		Raymond, Me	**OL5-4555**
	J Kinney Jr #26 *295 F 25-45-50-60-220-285-330-338-345-450-515-670-865-895-905-1045-1135-1315-1410-1460-1585-1735-1850		
Ala	J L Highsmith & Co	3012 Acklen Dr. SW Huntsville	JE9-6734
DC	A Rosenberg	1000 16th St. NW Washington 6	EX3-5991
Mass	Robert Gray, Inc	572 Washington St, Wellesley 81	CE5-5[illegible]
NJ	A H Super	414 Linden Ave, Haddonfield	HA9-[illegible]
NY	D S Wilson	4612 St. Catherine St, Montreal	WE2-2541

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NC	J L Highsmith	3731 Monroe Rd. Charlotte 5	
Tex	J A Green Co	7118 Envoy Court Dallas 9	FL1-9947
Va	J L Highsmith	Box 59 Richmond	EL9-1411
	DIETZ CO, INC., HENRY G	**12-16 Astoria Blvd, LIC 2, NY**	**RA6-3347**
	H Dietz #2 *20 B 360-895-1190-1295-1735-1810		
•	**DIETZ DESIGN INC**	**Grandview 6, Mo**	**SO1-7216**
	W Hercules #5 *50 D 50-338-365-450-670-895-915-920-1135-1340-1420-1855		
Ariz	Windsor Dynamics, Inc	PO Box 1295, Sherman Oaks, Cal	
Cal	Windsor Dynamics, Inc	PO Box 1295, Sherman Oak	ST9-2421
DC	Arco Eng Co	1000 Sixteenth St. NW, Washington	EX3-5991
Fla	Components Sales Corp	PO Box 171, N Miami Beach 62	WI5-7721
Fla	Components Sales Corp	PO Box 7087, St Petersburg	7-7904
Md	Arco Eng Co	1000 Sixteenth St. NW, Washington, DC	EX3-5991
NJ	Michael W Stollmack	177 Kinderkamack Rd. Emerson	CO1-2313
NY	Michael W Stollmack	177 Kinderkamack Rd, Emerson, NJ	CO1-2313
Pa	Arco Eng Co	1000 Sixteenth St. NW, Washington, DC	EX3-5991
Va	Arco Eng Co	1000 Sixteenth St. NW, Washington, DC	EX3-5991
	DIETZGEN CO EUGENE	**2425 N. Sheffield Ave, Chicago 14, Ill**	**LI9-3300**
	H Sandler 200-525-1075		
Cal	E Dietzgen Co	Box 90097, Int'l. Airport, LA 45	OR8-3761
Cal	Eugene Dietzgen Co	521 Market St, San Francisco 5, Cal	GA1-7550
Colo	Eugene Dietzgen Co	1746 California, Denver, Colo	TA5-6369
DC	Eugene Dietzgen Co	407 10th St. N.W., Wash 4, DC	DI7-7560
Fla	Eugene Dietzgen Co	380 W. Grant St, Orlando, Fla	CH1-5671
Kan	Kansas Blue Print Co	117 N. Market St. Wichita 1	HO4-9344
Ky	Electric Blue Print Supply Co	635 S. 5th St. Louisville 2, Ky	JU4-2265
La	Eugene Dietzgen Co	318 Camp St. New Orleans 12, La	JA5-7121
Mass	Eugene Dietzgen Co	47 Albemarle Rd, Needham Heights 94, Mass	HI4-5850
Mich	Eugene Dietzgen Co	2345 Cass Ave, Detroit 1, Mich	WO2-8544
Mo	Eugene Dietzgen Co	1105 E. 81st St, Kansas City 31, Mo	EM3-1350
Mo	Rockert Co., The	922 Pine St. St. Louis 1	CH1-7445
Mont	Eugene Dietzgen Co	922 Pine St. St. Louis 1, Mo	CH1-7445
NY	Eugene Dietzgen Co	50 W. 44th St. NY 36	YU6-2345
Ohio	Cleveland Blue Print & Supply Co	1408 Chester Ave. Cleveland 14	PR1-1722
Ohio	Atlas Blue Print & Supply Co	74 S. Fourth St. Columbus 15	CA4-5149
Ohio	Eugene Dietzgen Co	7633 Production Dr, Cincinnati 37, Ohio	PO1-2724
Ore	Eugene Dietzgen Co	104 S. W. 2nd Ave, Portland 4, Ore	CA8-7205
Pa	Eugene Dietzgen Co	2833 Brownsville Rd. Pittsburgh 16	LO3-6800
Pa	Eugene Dietzgen Co	1009 Vine St, Philadelphia 7, Pa	MA7-6201
Wash	Eugene Dietzgen Co	620 Michigan St, Seattle 8, Wash	PA5-8388
Wisc	Eugene Dietzgen Co	3611 W. Orchard, Milwaukee 2, Wisc	OR1-1518
Can	Dietzgen of Canada Ltd	5314 5th St. SE Calgary, Alb	
	DIGITAL EQUIPMENT CORP	**Main St. Maynard, Mass**	**TW7-8822**
	S Olsen #25 *158 E 338-340-455-750-895-955-1340-1610		
Alas	R S Drake Assoc, Inc	1817 Norman St. Seattle 44, Wash	EA3-8545
Ark	J Y Schoonmaker Co, Inc	Box 35266 Dallas 35, Tex	LA6-7238
Idaho	R S Drake Assoc, Inc	Box 2170 Idaho Falls	JA2-7392
La	J Y Schoonmaker Co, Inc	Box 3-5266, Dallas 35, Tex	LA6-7238
Mont	R S Drake Assoc, Inc	1817 Norman St. Seattle 44, Wash	EA3-8545
Okla	J Y Schoonmaker Co, Inc	Box 35266, Dallas 35	LA6-7238
Ore	R S Drake Assoc, Inc	1817 Norman St. Seattle 44, Wash	EA3-8545
Tex	J Y Schoonmaker Co, Inc	Box 35266 Dallas 35	LA6-7238
Wash	R S Drake Assoc, Inc	1817 Norman St. Seattle 44	EA3-8545
Can	R S Drake Assoc, Inc	1817 Norman St. Seattle, Wash	EA3-8545
	DIGITAL INSTRUMENT LABS	**152 S. Atlantic Blvd, Los Angeles, Cal**	**RA3-8764**
	338-340-895		
	DIGITAL SENSORS INC	**6443 N Figueroa St. LA 42, Cal**	**CL5-1529**
	J LeVan #3 *4 A 360-895-1330-1630		
	DIGITAL SERVICE LABS	**23922 Crenshaw Blvd, Torrance, Cal**	**DA5-0711**
	D Collins #3 *13 B 195-338		
	DIGITOOL CORP	**5300 Bre[illegible] Rd. Houston 27, Tex**	**SU2-0360**
	H Brown #6 *10 A 265-338-895-1810-1850		
	DIGITRAN CO	**660 S. Arroyo Pkwy, Pasadena, Cal**	**MU2-9667**
	W Liss *250 895-1735		
For	M E L Sales, Ltd	1969 Ave Rd. Toronto 12, Ont	HU1-0231
	DIGITROLS INC	**8 Industry La. Cockeysville, Md**	**NO6-2010**
	#2 *11 A 338-365-895-913-1370-1460-1855		
DC	Aeron Assoc	807 Providence Rd. Towson 4, Md	
Md	Aeron Assoc	807 Providence Rd. Towson 4	
Va	Aeron Assoc	807 Providence Rd. Towson 4, Md	
	DIGITRONICS CORP	**Albertson Ave. Albertson, NY**	**HT4-1000**
	L Krugman *150 E 325-338		
Ariz	Components Sales California Inc	4626 Van Nuys Blvd. Sherman Oaks, Cal	ST8-4550
Ark	N S Brown & Assoc	5852 Boca Raton Dr. Dallas 30, Tex	EM3-3698
Cal	Components Sales California Inc	4626 Van Nuys Blvd. Sherman Oaks, Cal	ST8-4550
Cal	Dyna Sales Co	4645 E. Olympic Blvd, Los Angeles, Cal	AN8-3814
Cal	Digitronics Corp	1058 E 1st St. Santa Ana	KI7-3363
Conn	Component Sales Corp	218 E Hartsdale Ave. Hartsdale, NY	SC5-1050
Del	L G White & Co	880 Bonifant St. Silver Spring, Md	JU5-3141
DC	L G White & Co	880 Bonifant St. Silver Spring, Md	JU5-3141
Ill	Design & Sales Eng Co	2800 Grand Ave. Kansas City, Mo	PA1-6403
Ill	Loren F G & Assoc	5218 W Diversey Ave. Chicago	AV6-6824
Ind	Loren F Green & Assoc	5218 W Diversey Ave. Chicago, Ill	AV6-6824
Iowa	Loren F Green & Assoc	5218 W Diversey Ave. Chicago, Ill	
Kan	Design & Sales Eng Co	2800 Grand Ave. Kansas City 8, Mo	PA1-6403
La	N S Brown & Assoc	5852 Boca Raton Dr. Dallas 30, Tex	EM3-3698
Me	Component Sales Corp	473 Washington St. Wellesley, Mass	CE5-1007
Md	L G White & Co	880 Bonifant St. Silver Spring	JU5-3141
Mass	Component Sales Corp	473 Washington St. Wellesley	CE5-1007
Mich	Harvey Teplitz & Co	19942 Webster Rd. Detroit	KE7-9058
Minn	Wood Clemons Co	1645 Hennepin Ave. Mpls	FE9-0747
NH	Component Sales Corp	473 Washington St. Wellesley, Mass	CE5-1007
NJ	Component Sales Corp	218 E Hartsdale Ave. Hartsdale, NY	SC5-1050
NJ	L G White & Co	880 Bonifant St. Silver Spring, Md	JU5-3141
NY	Components Sales Inc	218 E Hartsdale Ave. Hartsdale	SC5-1050
Okla	N S Brown & Assoc	5852 Boca Raton Dr. Dallas, Tex	EM3-3698
Pa	L G White & Co	108 Forest Ave. Narberth	MO4-4516
Pa	Harvey Teplitz & Co	3943 Cornell Dr. Dayton, Ohio	CR7-9178

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
RI	Component Sales Corp	473 Washington St. Wellesley, Mass	CE5-1007
Tex	N S Brown & Assoc	5852 Boca Raton Dr. Dallas	EM3-3698
Vt	Component Sales Corp	473 Washington St. Wellesley, Mass	CE5-1007
	DILECTRIX CORP	**Allen Blvd, Grand, Farmingdale, NY**	**CH9-7999**
	M Zengrillo *30 1290-1755		
Cal	K W Lockwood Co	1516 Westwood Blvd, Los Angeles 24 Cal	BR2-5377
Cal	James S Heaton Co	413 Lathrop St, Redwood City, Cal	EM-5278
Colo	Brookes Eng Co	902 12th St, Denver 4, Colo	AC2-7092
Conn	Richard H Whitehead Jr Associates	57 Whitfield St, Guilford, Conn	GL3-3762
Fla	Tri-Point Plastics of Fla, Inc	5201 Seminole Blvd, St Petersburg, Fla	WA1-2156
Ill	Russ Diethert Co	2030 W. Montrose Ave, Chicago 18, Ill	LO1-7627
Ind	Warner, Kesler & Associates	P.O. Box 308, South Whitley, Ind	723-5353
Mass	Richard H Whitehead Jr Associates	2 Brimmer St, Boston, Mass	CA7-2590
NJ	W R Punt Co	150 Woodbine Ct, Floral Park, NY	FL2-1742
NY	F L Mcauliffe Co	2315 Plum St, Schenectady 9, NY	FR4-6727
Ohio	Electrolock, Inc	28 N Main St, Chagrin Falls, Ohio	CH7-4245
Tex	Ben Kanowsky Sales Co	Box 7313, Dallas, Tex	LA3139
Foreign	Joseph F Rizzo Co	350 Fifth Ave, New York, NY	PE6-0398
	DILECTRON DIV BESTRAN CORP	**2669 S. Myrtle Ave, Monrovia, Cal**	**HI6-6195**
	J Newburn #5 *150 E 220		
Cal	Dresco Inc	430 N Camden Dr. Beverly Hills	CR5-0108
Ill	R M Puzerewski Sales Co	3654 N. Pioneer Ave. Chicago 34	NA5-6675
Minn	Dale Merrick Jr	1060 W. Hoyt St. Paul 17	PR1-4092
Mo	R R Burton & Co	6737 Holmes St. Kansas City 31	JA3-0227
NY	Ontario Sales Co	Box 9111 Rochester 25	LU6-8848
	DILLON & CO., INC., W C	**14620 Keswick St, Van Nuys, Cal**	**ST5-3168**
	R Dillon #3 *55 C 895-1850		
•	**DIMCO-GRAY CO**	**207 E. 6th St, Dayton, Ohio**	**BA3-6703**
	C Doerth #3 *50 D 645-785-790-960-1290-1785-1825		
Del	Sanford & Co	221 Benson E. Sub. Phila, Pa	TU7-8780
Ill	Lincoln & Hodges & Assoc	5875 N. Lincoln Ave. Chicago 45	LO1-3285
Ind	A C Wahl Co	Box 213, Cincinnati 15, Ohio	VA1-3270
Ind	A C Wahl & Assoc	Box 213, Cincinnati 15, Ohio	VA1-3270
Ky	A C Wahl Co	Box 213, Cincinnati 15, Ohio	VA1-3270
Ky	A C Wahl & Assoc	Box 213, Cincinnati 15, Ohio	VA1-3270
Md	Sanford & Co	221 Benson E. Jenkintown, Pa	TU7-8780
NJ	Sanford & Co	221 Benson E. Jenkintown, Pa	TU7-8780
Ohio	A C Wahl Co	Box 213, Cincinnati 15, Ohio	VA1-3279
Pa	Sanford & Co	221 Benson E. Sub. Phila	TU7-8780
Wis	Lincoln & Hodges & Assoc	5875 N. Lincoln Ave. Chicago 45, Ill	LO1-3285
	DIMENSIONS INC	**7314 20th Ave, Brooklyn 4, NY**	**CL6-8182**
	M Roderfer #3 *6 A 325-338-1770-1880		
	DIODES INC	**7303 Canoga Ave. Canoga Park, Cal**	**DI6-5900**
	A Clement #1 *55 C 500-1445		
Ariz	Thorson Co., The	3600 S. Lincoln, Englewood, Colo	
Ark	E F Aymond Co	Box 6595, Dallas Tex	LA6-5233
Cal	Gene F Straube	1181 Sesame Dr. Sunnyvale	
Cal	A-F Sales Engineering Inc	94 Los Robles, Pasadena	
Colo	Thorson Co., The	3600 S. Lincoln, Englewood	
Conn	W B Pallocca Inc	1787 Mass. Ave. Lexington, Mass	VO2-7224
Del	Martin Friedman Assoc	7 Heather Rd. Bala-Cynwyd, Pa	TR7-3450
Idaho	Seatronics Inc	1817 Norman St. Seattle 44, Wash	EA3-8545
Ill	Edw. F Schmeichel	5968 W. Chicago Ave. Chicago	
Ill	R R Burton	Box 7011, KC, Mo	
Ind	Frederick & Nearing	1601 S. Hanna St. Ft. Wayne	HA0641
Iowa	Edw. F Schmeichel	5968 W. Chicago Ave. Chicago 51, Ill	ES8-2070
Kan	R R Burton Co	Box 7011, KC, Mo	JA3-0227
Ky	Walter J Brauer & Assoc	15631 Lakewood Hts. Blvd. Cleve 7, Ohio	LA1-7268
Minn	Electro-Serv Co	314 E. Lake St. Mpls 6	PA1-5379
NJ	Paul D Aaron	Professional Bldg. Port Wash, NY	PO7-8480
NY	Paul D Aaron	Professional Bldg. Port Wash	PO7-8480
NY	Franklin & Andrews Assoc	2 Standish Terrace, Syracuse 3	GI6-1120
For	Melvin Robin	Anatole France 13, Mexico 5, D F	
	DIT-MCO INC	**911 Broadway, Kansas City, Mo**	**HA1-0011**
	W Comer #10 *86 E 895		
Cal	Al Holtz	213 S. Hawthorne Blvd, Hawthorne, Cal	OR8-6106
Cal	Al Holtz	4025 Inglewood Blvd. Los Angeles	OR8-6106
Cal	Dave Wiseman	41168 Ellen Ct. Fremont	DA5-0180
Mass	John R Fitzsimmons	323 Park St. N Reading	NO4-2056
NY	Homer F Teague	520 Fifth Ave. New York 36	MU2-5844
	DI-TRAN CORP	**11307 Hindry Ave. Los Angeles 45, Cal**	**OR8-7141**
	J Fox #8 *40 D 275-795-895-955-1050		
Cal	Mc McCarthy Assoc	1055 E Walnut, Pasadena	MU1-7411
Cal	Perlmuth Electronic Assoc	5057 Washington Blvd. Los Angeles 16	WE1-1041
	DIVISION LEAD CO	**7742 W. 61st Pl, Summit, Ill**	**RE5-8600**
	D Hibbler #2 *100 E 135-175-233-700-1120-1125-1350-1490-1575-1635-1715-1940		
	DIXON CORP	**19-21 Burnside St, Bristol, RI**	**CL3-7500**
	F Rounds #3 *101 E 175-750-1290-1940		
Cal	Robert H Benson	10106 Painter Ave, Whittier, Cal	RA3-5094
Cal	Featherstone & Salisbury, Inc	1356 Market St, San Francisco 3, Cal	UN1-1466
Ga	Ardco Distributors	3179 Maple Dr, NE, Atlanta 5, Ga	CE3-7832
Ill	Lester W Rodgers	322 Woodland Ave. Winnetka, Ill	HI6-5724
Ind	Max L Jackson	7919 Englewood Rd. Indpls 20, Ind	CL3-2615
Ind	Mr Max L Jackson	7919 Englewood Rd, Indpls 20, Ind	CL3-2615
Md	Bronze Specialties, Inc	1655 Warner St, Baltimore 30, Md	LE9-1906
Mass	Johnson Asbestos Corp	West Springfield, Mass	RE3-7861
Mich	Turner & Greer	446 New Center Bldg, Detroit, Mich	TR1-6161
Minn	The SKB Co	2810-22nd Ave S, Mpls	PA2-1226
Mo	A O Woerner & Sons	4030 Chouteau Ave, St Louis, Mo	FR1-1664
NJ	Thurman McDaniel	100 Parkway Village, Cranford, NJ	BR2-5162
NY	Hansen Sales Associates	1651 E Main St, Rochester, NY	HU2-3644
Ohio	Ripley, Bowron & Church	3537 Lee Rd, Cleveland, Ohio	SK1-1223
Pa	Harold T Sorensen	425 Charles Ln, Wynnewood, Pa	MI2-7968
Tex	The Bauer Co	1017 Norwood St, Fort Worth, Tex	ED6-4884
Wash	The Houston Co	Ti Annex, Boeing Field, Seattle	PA5-7990
For	Clark-Wright Corp	2311 Whitney Ave, New Haven, Conn	AT8-1638

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	DIXON ELECTRONICS CO	**13444 W McNichols Rd. Detroit, Mich**	**BR3-4077**
	J Dixon #1 *2 A 1460-1845		
	DJECO DIV. DJORDJEVIC ENGRG CO	**1933 N Damen, Chicago 47, Ill**	**AR6-7308**
	O Petrovic #8 *35 C 255-275-338-365-670-820-895-915-1135-1340-1445-1455-1460-1855		
	DJORDJEVIC ENGRG CO	**1933 N Damen, Chicago 47, Ill**	**AR6-7308**
	O Petrovic #8 *35 C 360-1550-1555		
	DMETER MFG CO., INC	**68 N Broadway, Yonkers, NY**	**YP9-1770**
	360-895-1460-1475		
	DOLIN METAL PRODUCTS INC	**314 Lexington Ave. Brooklyn 6, NY**	**NE8-9472**
	A Gorlin #3 *55 D 135-180-1120		
•	**DOLINKO & WILKENS INC**	**1901-7 Summit Ave, Union City, NJ**	**UN7-6630**
	L Dolinko #2 *25 B 220		
	DOLLIN CORP	**630 S. 21 St, Irvington 11, NJ**	
	233		
	DON-LAN ELECTRONICS INC	**1131 Olympic Blvd. Santa Monica, Cal**	**EX3-0758**
	A Abel #6 *50 D 45-50-60-220-650-670-1135-1735		
Ala	W E Wolcott Co	920 Orange Ave. Buena Park, Fla	MI7-3498
Ariz	Western Aircraft Supply Co	815 Moraga Dr. LA 49, Cal	GR6-1931
Ark	Rudie Lorenz Co	3500 A Gravois, St. Louis 23, Mo	TA1-4119
Cal	Western Aircraft Supply Co	815 Moraga Dr, Los Angeles 49, Cal	GR6-1931
Colo	Western Aircraft Supply Co	815 Moraga Dr. LA 49, Cal	GR6-1931
Conn	L R Provencher & Associates	525 Pleasant St, Worcester 2, Mass	PL3-8187
Del	Brimberg Assoc	221 Investment Bldg. Wash. 5, DC	NO2-8650
DC	Brimberg Assoc	221 Investment Bldg. Wash. 5	NO2-8650
Fla	W E Wolcott Co	920 Orange Ave. Buena Park	MI7-3498
Ga	W E Wolcott Co	920 Orange Ave. Buena Park, Fla	MI7-3498
Iowa	R Lorenz Co	3500 A. Gravois St. Louis 23, Mo	TA1-4119
Kan	Rudie Lorenz Co	3500 A Gravois, St. Louis 23, Mo	TA1-4119
La	H D Edmiston	2215 N. Olive Dallas 21, Tex	RI7-8277
Me	L R Provencher & Associates	525 Pleasant St, Worcester 2, Mass	PL3-8187
Md	Brimberg Asso	221 Investment Bldg. Wash. 5, DC	NO2-8650
Mass	L R Provencher & Associates	525 Pleasant St, Worcester 2, Mass	PL3-8187
Miss	H D Edmiston	2215 N. Olive Dallas 21, Tex	RI7-8277
Mo	Rudie Lorenz Co	3500 A Gravois, St. Louis 23, Mo	TA1-4119
Nev	Western Aircraft Supply Co	815 Moraga Dr. LA 49, Cal	GR6-1931
NH	L R Provencher & Associates	525 Pleasant St, Worcester 2, Mass	PL3-8187
NM	Western Aircraft Supply Co	815 Moraga Dr. LA 49, Cal	GR6-1931
NY	B D Aaron	Box 186 Roslyn, LI	MA1-0630
NY	L R Provencher & Associates	525 Pleasant St, Worcester 2, Mass	PL3-8187
NC	W E Wolcott Co	920 Orange Ave. Buena Park, Fla	MI7-3498
Okla	H D Edmiston	2215 N. Olive Dallas 21, Tex	RI7-8277
Ore	Western Aircraft Supply Co	815 Moraga Dr, Los Angeles 49, Cal	GR6-1931
RI	L R Provencher & Associates	525 Pleasant St, Worcester 2, Mass	PL3-8187
SC	W E Wolcott Co	920 Orange Ave. Buena Park, Fla	MI7-3498
Tex	H D Edmiston	2215 N. Olive Dallas 21	RI7-8277
Vt	L R Provencher & Associates	525 Pleasant St, Worcester, Mass	PL3-8187
Va	Brimberg Asso	221 Investment Bldg. Wash. 5, DC	NO2-8650
Wash	Western Aircraft Supply Co	815 Moraga Dr, Los Angeles 49, Cal	GR6-1931
	DONMAR PRODUCTS INC	**P. O. Box 8396, Denver 10, Colo**	**WE5-4676**
	E Koch #3 *10 A 280-300-345-895-925-1005-1315-1325-1780		
	DONNELLY MFG CO	**500 Winter St, Waltham, Mass**	**TW3-5700**
	A Mc Mannon #6 *250 E 135-180-260-590		
	DONNER SCIENTIFIC CO	**888 Galindo St, Concord, Cal**	**MU2-6161**
	D Teskett #35 *285 F 15-338-515-670-775-895-1850		
Ala	E G Holmes & Associates	4969 Roswell Rd, N.E., Atlanta, Ga	BL5-6660
Ariz	Charles Fowler Co	429 S. Western, Los Angeles 5, Cal	DU4-7703
Cal	Ault Associates	120 Santa Margarita, Menlo Park, Cal	DA6-1768
Cal	Charles Fowler Co	429 S. Western, Los Angeles 5, Cal	DU4-7703
Colo	Barnhill Assoc	1170 S. Sheridan Blvd. Denver 14	WE5-4645
Conn	Burlingame Assoc	510 S. Fulton Ave. Mount Vernon, NY	MO4-7530
Del	Burlingame Assoc	510 S. Fulton Ave. Mount Vernon, NY	MO4-7530
DC	Burlingame Associates	8218 Wisconsin Ave, Washington, DC	OL4-6400
Fla	E G Holmes & Associates	1220 Edgewater Dr, Orlando, Fla	CH1-2129
Ga	E G Holmes & Associates	4969 Roswell Rd, N.E., Atlanta, Ga	BL5-6660
Utah	Barnhill Assocs	1170 S. Sheridan Blvd. Denver, Colo	WE5-4645
Idaho	Compthronics	2 Hanford, Seattle 4, Wash	MA4-5135
Ill	Lang Clawson & Assocs	6733 N. Olmsted, Chicago 31	SP4-3610
Ill	Design & Sales Eng. Co	7603 Forsyth Blvd. St. Louis 5, Mo	PA1-6403
Ind	Robert Lang & Associates	6733 N. Olmsted, Chicago 31, Ill	SP4-3610
Iowa	Design & Sales Engineering Co	7603 Forsyth Blvd, St. Louis 5, Mo	PA1-6403
Kan	Design & Sales Eng. Co	400 N. Emporia, Wichita	HO4-2143
Ky	L D Bruno	Far Hills Branch, Box 61, Dayton, Ohio	AX3-8703
La	Mitchell Speairs Co	4944 James Ave. Fort Worth 15, Tex	WA3-4657
Me	Burlingame Associates	974 Main St, Waltham, Mass	TW4-1955
Md	Burlingame Associates	8218 Wisconsin Ave, Washington, DC	OL4-6400
Mass	Burlingame Associates	974 Main St, Waltham, Mass	TW4-1955
Mich	Tiby Co., The	8701 Fenkell Ave. Detroit 38	TE4-9211
Mo	Design & Sales Engineering Co	7603 Forsyth Blvd, St. Louis 5, Mo	PA1-6403
Mont	Compthronics	2 Hanford Seattle 4, Wash	MA4-5135
Nev	Ault Associates	120 Santa Margarita, Menlo Park, Cal	DA6-1768
NH	Burlingame Associates	974 Main St, Waltham, Mass	TW4-1955
NJ	Burlingame Assoc	510 S. Fulton Ave. Mt. Vernon, NY	MO4-7530
NM	Barnhill Assoc	8310 Cutler Ave, NE Albuquerque	AX9-7397
NY	Burlingame Assoc	510 S. Fulton Ave. Mt. Vernon, NY	MO4-7530
NC	E G Holmes & Asso	440 W. Market St. Greensboro	BR2-2865
Ohio	L D Bruno	Far Hills Br. Box 61, Dayton	AX3-8703
Ohio	Tiby Co	2245 Warrensville Ctr Rd, Cleveland	ER1-5336
Okla	Mitchel Speairs Co	4944 James Ave. Fort Worth 15, Tex	WA3-4657
Ore	Compthronics	2 Hanford, Seattle 4, Wash	MA4-5135
Pa	Burlingame Associates	222 Long Ln, Upper Darby, Pa	SU7-9080
Pa	Tiby Co	2245 Warrensville Ctr Rd, Cleveland, Ohio	ER1-5336
RI	Burlingame Assoc	510 S. Fulton Ave. Mt. Vernon NY	MO4-7530
SC	E G Holmes & Associates	4969 Roswell Rd, N.E., Atlanta 5, Ga	BL5-6660
Tenn	E G Holmes & Associates	4969 Roswell Rd, N.E., Atlanta, Ga	BL5-6660
Tex	Mitchell Speairs Co	4944 James Ave. Fort Worth 15	WA3-4657
Utah	Barnhill Assoc	600 1st St. N Centerville, SLC	EL5-5101
Vt	Burlingame Associates	974 Main St, Waltham, Mass	TW4-1955
Va	E G Holmes & Associates	4969 Roswell Rd, N.E., Atlanta 5, Ga	BL5-6660
Wash	Compthronics	2 Hanford, Seattle 4, Wash	MA4-5135
Wis	Lang-Clawson & Assoc	6733 N. Olmsted, Chicago 31, Ill	SP4-3610
Canada	[illegible] Electronics Ltd	P.O. Box 100, [illegible], Ontario, Canada	TA1-1251

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	DORMEYER INDUSTRIES	**3418 N. Milwaukee Ave, Chicago 41, Ill**	**AV3-4000**
	E Allmon #20 *500 F 320-1420-1645-1855		
Cal	C E Mello	406 S Main St LA 13	MA6-9159
Conn	R Perron & Co	[illegible] Trumbull	
Iowa	M-C Sales	[illegible] Grand Ave, Kan. City, Mo	VI2-4640
Kan	M-C Sales	[illegible] Grand Ave	VI2-4640
Me	R Perron & Co, Inc	[illegible] Centre St, Boston, Mass	FA3-1008
Mass	R Perron & Co, Inc	[illegible] Centre St, Boston	FA3-1008
Mo	M-C Sales	[illegible] Grand Ave, Kan. City	VI2-4640
Neb	M-C Sales	[illegible] Grand Ave, Kan. City, Mo	VI2-4640
NH	R Perron & Co, Inc	[illegible] Centre St, Boston, Mass	FA3-1008
NJ	[illegible]	Box 206, Livingston	WY2-2505
NY	H C Johnson Agencies	111 Mt Hope Ave, Rochester	HA6-1090
Ohio	E B Koenter	[illegible] Chatham Rd, Clewe	TE1-8098
Okla	Koch Eng. & Sales Co	[illegible] Meadows Bldg, Dallas, Tex	EM1-1765
Ore	S N [illegible] Co, Inc	[illegible] St, Seattle, Wash	PA3-7310
Pa	H C Johnson Agencies Inc	111 Mt Hope Ave, Rochester, NY	HA6-1090
RI	R Perron & Co, Inc	[illegible] Centre St, Boston, Mass	FA3-1008
Tex	Koch Eng. & Sales Co	[illegible] Meadows Bldg, Dallas	EM1-1765
Vt	R Perron & Co, Inc	[illegible] Centre St, Boston, Mass	FA3-1008
Wash	S N [illegible] Co Inc	[illegible] Michigan St, Seattle	PA3-7310
	DORMITZER ELEC & MFG CO., INC	**5 Hadley St, Cambridge 40, Mass**	
	1145-1260		
•	**DORNE & MARGOLIN INC**	**29 New York Ave, Westbury, NY**	**ED4-3200**
	D Ward #38 *186 E 45-670-1135		
Cal	Dorne & Margolin Inc	14[illegible] Westwood Blvd, Los Angeles 24	GR9-6722
•	**DORSETT ELECTRONICS, INC**	**PO Box 862, Norman, Okla**	**JE4-3750**
	D Klotz #40 *400 E 330-365-440-670-895-1150-1340-1425-1455-1550-1870		
Ala	Avionic Accessory Co, Inc	31[illegible] Dr, Atlanta 5, Ga	CE7-0788
Ariz	Edward F Merrigan	15[illegible] Grevillea Ave, Lawndale, Cal	OR8-4021
Cal	Edward F Merrigan	15[illegible] Grevillea Ave, Lawndale	OR8-4021
Colo	Electronic Controls [illegible]	15[illegible] 6th Ave, Golden	CR9-5593
Del	East Coast Liaison, Inc	PO Box 243, Lutherville, Md	VA5-4449
DC	East Coast Liaison, Inc	PO Box 243, Lutherville, Md	VA5-4449
Fla	Avionic Accessory Co, Inc	19[illegible] Fairbanks, Winter Park	MI7-2251
Ga	Avionic Accessory Co, Inc	31[illegible] Dr, Atlanta 5	CE7-0788
Md	East Coast Liaison, Inc	PO Box 243, Lutherville	VA5-4449
Mass	Avionic Accessory Co, Inc	25[illegible] Niagara Falls Blvd, Tonawanda, NY	AT4740
Nev	Edward F Merrigan	1523[illegible] Grevillea Ave, Lawndale, Cal	OR8-4021
NJ	Avionic Accessory Co, Inc	161 Ormaco Dr, Brightwaters, NY	MO6-6510
NY	Avionic Accessory Co, Inc	161 Ormaco Dr, Brightwaters, NY	MO6-6510
Ohio	Avionic Accessory Co, Inc	161 Ormaco Dr, Brightwaters, NY	MO6-6510
Ohio	Avionic Accessory Co, Inc	[illegible] Niagara Falls Blvd, Tonawanda, NY	AT4740
Pa	East Coast Liaison, Inc	PO Box 243, Norman, Okla	JE4-3750
RI	Avionic Accessory Co, Inc	[illegible] Niagara Falls Blvd, Tonawanda, NY	AT4740
Utah	Edward F Merrigan	15[illegible] Grevillea Ave, Lawndale, Cal	OR8-4021
Va	East Coast Liaison, Inc	PO Box 243, Lutherville, Md	VA5-4449
Wash	Edward F Merrigan	15[illegible] Grevillea Ave, Lawndale, Cal	OR8-4021
	DOUBLE "E" PRODUCTS CO	**208 Standard St, El Segundo, Cal**	**EA2-2501**
	J Trier #2 *10 A 220-320-670-1730-1830		
	DOUGLAS AIRCRAFT CO., INC	**3000 Ocean Park Ave, Santa Monica, Cal**	
	340-850		
•	**DOUGLAS MICROWAVE CO**	**252 E. Third St, Mt. Vernon, NY**	**MO8-6900**
	E Werner #17 *70 E 25-45-50-670-845-865-895-1045-1170-1705-1735		
Ark	J Earl Smith Co	Box 35331, Dallas 35, Tex	FL7-1727
Cal	Ray Del Bucchia	179 South Mayfair Ave, Daly City	PL6-8414
Cal	A A Downs Co	2918 E Florence Ave, Huntington Park	LU2-5105
Colo	Applied Engineering Products Corp	405 Felt Bldg, Salt Lake City, Utah	EM4-4942
Fla	Allred Gary, Inc	1418 Lake Daniel Dr, Orlando	GA4-8665
Idaho	Applied Engineering Products Corp	405 Felt Bldg, Salt Lake City, Utah	EM4-4942
Ill	Louis [illegible]	4216 W Division St, Chicago 51	BE5-6601
Iowa	Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
La	J Earl Smith Co	Box 35331, Dallas, Tex	FL7-1727
Mass	Rob-Rex Assoc	Box 483, Waltham	TW3-9001
Minn	Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
Mont	M K Widdefield Co	222 First Ave, N., Seattle, Wash	EL6981
Mo	Zak & Assoc, Inc	7730 Carondelet, St Louis 5	PA7-8559
Neb	Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
NJ	J N Barrett Associates	704 Federal St, Camden, NJ	EM5-2680
NM	Applied Engineering Products Corp	405 Felt Bld, Salt Lake City, Utah	EM4-4942
NY	Willfred Electronic Sales Corp	100 N. Village Ave, Rockville Centre, NY	RO4-4022
ND	Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
Okla	J Earl Smith Co	Box 35331, Dallas, Tex	FL7-1727
Ore	M K Widdefield Co	222 First Ave, N., Seattle, Wash	EL6981
Tex	J Earl Smith Co	Box 35331, Dallas, Tex	FL7-1727
Utah	Applied Engineering Products Corp	405 Felt Bldg, Salt Lake City, Utah	EM4-4942
Wash	M K Widdefield Co	222 First Ave, N., Seattle, Wash	EL6981
Wisc	Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
Wyo	Applied Engineering Products Corp	405 Felt Bldg, Salt Lake City, Utah	EM4-4942
Can	Whittaker Electronics Ltd	1171 Whitmore Ave, Ottawa 3, Ont	RE3-9354
Foreign	B Freudenberg Inc	50 Rockefeller Plaza, New York, NY	PL7-9130
	DOUGLAS RADIO LAB	**176 Norfolk Ave, Boston 19, Mass**	**HI5-4836**
	195-895-1340		
	DOW CHEMICAL CO	**Midland, Mich**	**ME6-1000**
	D Bellman *29000 G 30-240-265-315-660-1125-1220-1290-1885		
Ala	Dow Chemical Co, The	1714 Fulton Natl Bank Bldg, Atlanta, Ga	MU8-2085
Alas	Dow Chemical Co, The	307 Broad St, Seattle 1, Wash	MA4-6488
Ariz	Dow Chemical Co, The	900 WilshireBlvd, LA 17, Cal	MA6-0111
Ark	Dow Chemical Co, The	10 S Brentwood Blvd, St Louis 5, Mo	PA6-5000
Cal	Dow Chemical Co, The	350 Sansome St, San Francisco 4	GA1-8323
Cal	Dow Chemical Co, The	900 Wilshire Blvd, Los Angeles 17	MA6-0111
Colo	Dow Chemical Co, The	10 S Brentwood Blvd, St Louis 5, Mo	PA6-5000
Conn	Dow Chemical Co, The	45 Rockefeller Plaza, New York 20, NY	PL7-8300
Del	Dow Chemical Co, The	400 Market St, Camden 2, NJ	WO6-4150
DC	Dow Chemical Co	400 Market St, Camden 2, NJ	WO6-4150
Fla	Dow Chemical Co, The	1714 Fulton Natl Bank Bldg, Atlanta, Ga	MU8-2085
Ga	Dow Chemical Co, The	1714 Fulton Natl Bank Bldg, Atlanta 3	MU8-2085
Haw	Dow Chemical Co, The	350 Sansome St, San Francisco 4, Cal	GA1-8323
Idah	Dow Chemical Co, The	307 Broad St, Seattle 1, Wash	MA4-6488
Ill	Dow Chemical Co, The	6900 W Touhy Ave, Chicago 48	SP4-6000
Ind	Dow Chemical Co, The	6900 W Touhy Ave, Chicago 48, Ill	SP4-6000
Iowa	Dow Chemical Co, The	6900 W Touhy Ave, Chicago 48, Ill	SP4-6000
Kan	Dow Chemical Co, The	10 S Brentwood Blvd, St Louis 5, Mo	PA6-5000
Ky	Dow Chemical Co, The	2300 Victory Parkway, Cinc 6, Ohio	CA1-7020
La	Dow Chemical Co, The	1100 Commerce Bldg, New Orleans 12	52-4-1206
Me	Dow Chemical Co, The	520 Boylston St, Boston 16, Mass	CO7-6415
Md	Dow Chemical Co, The	400 Market St, Camden, NJ	WO6-4150
Mass	Dow Chemical Co, The	520 Boylston St, Boston 16	CO7-6415
Mich	Dow Chemical Co, The	450 Fisher Bldg, Detroit 2	TR5-7280
Minn	Dow Chemical Co, The	1750 Hennepin Ave, Mpls 3	FE3-2373
Miss	Dow Chemical Co, The	1100 Commerce Bldg, New Orleans 12, La	52-4-1206
Mo	Dow Chemical Co, The	10 S Brentwood Blvd, St Louis 5	PA6-5000
Mont	Dow Chemical Co, The	307 Broad St, Seattle 1, Wash	MA4-6488
Neb	Dow Chemical Co, The	6900 W Touhy Ave, Chicago 48, Ill	SP4-6000
Nev	Dow Chemical Co, The	350 Sansome St, San Francisco 4, Cal	GA1-8323
NH	Dow Chemical Co, The	520 Boylston St, Boston 16, Mass	CO7-6415
NJ	Dow Chemical Co, The	400 Market St, Camden 2	WO6-4150
NM	Dow Chemical Co, The	1506 Elm St, Dallas 1, Tex	RI2-8691
NY	Dow Chemical Co, The	45 Rockefeller Plaza, NY 20	PL7-8300
NY	Dow Chemical Co, The	70 Niagara St, Buffalo 2	TL6-8825
NC	Dow Chemical Co, The	504 Wachovia Bank Bldg, Charlotte 2	ED4-0851
ND	Dow Chemical Co, The	1750 Hennepin Ave, Mnpls 3, Minn	FE3-2373
Ohio	Dow Chemical Co, The	55 Public Square, Cleveland 13	TO1-5825
Ohio	Dow Chemical Co, The	2300 Victory Parkway, Cinc 6	CA1-7020
Okla	Dow Chemical Co, The	1505 Elm St, Dallas 1, Tex	RI2-8691
Ore	Dow Chemical Co, The	307 Broad St, Seattle 1, Wash	MA4-6488
Pa	Dow Chemical Co, The	Four Gateway Center, Pittsburgh 22	AT1-3030
RI	Dow Chemical Co, The	520 Boylston St, Boston 16, Mass	CO7-6415
SC	Dow Chemical Co, The	504 Wachovia Bank Bldg, Charlotte 2, NC	ED4-0851
SD	Dow Chemical Co, The	1750 Hennepin Ave, Mnpls 3, Minn	FE3-2373
Tenn	Dow Chemical Co, The	10 S Brentwood Blvd, St Louis 5, Mo	PA6-5000
Tex	Dow Chemical Co, The	1505 Elm St, Dallas 1	RI2-8691
Tex	Dow Chemical Co, The	6910 Fannin St, Houston 25	JA6-1601
Utah	Dow Chemical Co, The	350 Sansome St, San Francisco 4, Cal	GA1-8323
Vt	Dow Chemical Co, The	520 Boylston St, Boston 16, Mass	CO7-6415
Va	Dow Chemical Co, The	504 Wachovia Bank Bldg, Charlotte 2, NC	ED4-0851
Wash	Dow Chemical Co, The	307 Broad St, Seattle 1	MA4-6488
W Va	Dow Chemical Co, The	2300 Victory Parkway, Cinc 6, Ohio	CA1-7020
Wis	Dow Chemical Co, The	1750 Hennepin Ave, Mnpls 3, Minn	FE3-2373
Wyo	Dow Chemical Co, The	10 S Brentwood Blvd, St Louis 5, Mo	PA6-5000
For	Dow Chemical Intl Ltd, SA	Midland, Mich	ME6-5000
	DOW CORNING CORP	**Midland, Mich**	**TE2-2371**
	C Dommire *1450 G 30-315-410-695-895-980-1070-1290-1505-1930		
Cal	Dow Corning Corp	PO Box 2836, Oakland 18	OL8-0636
Cal	Dow Corning Corp	[illegible] W. Mission Rd, Alhambra, Cal	CU3-6621
Fla	Dow Corning Corp	804 Florida Theatre Bldg, St Petersburg	5-3084
Ga	Dow Corning Corp	PO Box 5074, Atlanta 2	TR6-1005
Ill	Dow Corning Corp	6101 W. Fullerton Ave, Chicago 39, Ill	TU9-5900
Ind	Dow Corning Corp	10302 N College Ave, Indpls 20	VI6-2028
La	Dow Corning Corp	6[illegible] Laurel St, Baton Rouge, La	DI8-3766
Md	Dow Corning Corp	8[illegible] Cameron St, Silver Spring, Md	JU8-3222
Mass	Dow Corning Corp	20 Providence St, Boston 16, Mass	HA6-5992
Minn	Dow Corning Corp	7514 Oliver Ave, S., Minneapolis 23	UN9-3291
Mo	Dow Corning Corp	8325 Sagamore Rd, Kansas City 15	MI9-7210
Mo	Dow Corning Corp	7730 Carondelet Ave, Clayton 5, Mo	VO3-6190
NJ	Dow Corning Corp	P O Box 549, Englewood Cliffs, NJ	LO7-4960
NY	Dow Corning Corp	194 Overbrook Ave, Tonawanda	TL3-5173
NC	Dow Corning Corp	PO Box 7038, Greensboro	299-1631
Ohio	Dow Corning Corp	PO Box 144, Cinc 8	EA1-1316
Ohio	Dow Corning Corp	292 E Weisheimer Rd, Columbus 14	AM7-5152
Ohio	Dow Corning Corp	3592 Lee Rd, Cleveland 20, Ohio	WY1-1900
Pa	Dow Corning Corp	Box 413, Wexford Run Rd, Bradfordwoods	AT1-2979
Pa	Dow Corning Corp	432 Northcroft Rd, Springfield, Pa	TR8-3848
Tenn	Dow Corning Corp	871 McCallie Ave, Chattanooga 3	AM6-7097
Tex	Dow Corning Corp	6778 Greenville Ave, Dallas 31, Tex	EM8-1301
Tex	Dow Corning Corp	3927 Essex Ln, Houston 27, Tex	MO4-2471
Wash	Dow Corning Corp	Terminal Bldg, Boeing Field, Seattle 8	PA5-7600
Wisc	Dow Corning Corp	7030 W. North Ave, Milwaukee 13, Wisc	GL3-0353
Canada	Dow Corning Silicones Ltd	1 Tippett Rd, Downsview P.O., Ont, Can	ST8-9521
	DOW KEY CO	**Hwy 59, S.E., Thief River Falls, Minn**	**MU1-3075**
	G Dow #1 *25 B 345-895-1460		
Cal	David Ellis Co	919-[illegible] E. California St, Pasadena 1, Cal	RY1-9108
Cal	Logan & Logan Co	1477 S. Mayfair Daly City, Cal	PL6-0992
Cal	Logan & Logan Co	1477 S. Mayfair, Daly City, Cal	PL6-0992
Colo	Bowden Eng & Sales Co	8900 Snowheights Blvd, NE, Albuquerque, NM	AX9-0473
Ga	J E Joyner & Assoc	Box 13821, Atlanta 10, Ga	PL5-4336
Ind	Paul F Fishman Co	1836 Nottingham Ave, Indpls 20, Ind	
Mich	J M Rathsburg & Associates	3539 Townsend Ave, Detroit 14, Mich	WA5-6850
NJ	Edward Braddock	Box 306, Haddonfield, NJ	HA9-0087
NM	Bowden Eng & Sales Co	8900 Snowheights Blvd, NE, Albuquerque	AX9-0473
NY	Chester Drexler	3 Lee Dr, S. Farmingdale, NY	CH9-8206
Ohio	J M Landfear Co	12429 Cedar Rd, Cleveland, Ohio	FA1-4533
Tex	MaCrae Smith Co	Box 35113, Dallas 35, Tex	BL3-2006
Utah	Bowden Eng & Sales Co	8900 Snowheights Blvd, Albuquerque, NM	AX9-0473
Wyo	Bowden Eng & Sales Co	8900 Snowheights Blvd, Albuquerque, NM	AX9-0473
For	Teko Antenna Import N V	Gironummer 58780, s-Gravenhage, Neth	
For	Rafael A Zuniga	Barranquilla, Columbia	TE16.588
For	Laurel Magallanes	Gorercs 220 LaVictoria, Lima, Peru	
For	Manuel A Sira Jr	Box 1634, Caracas, Venezuela	
	DRAKE MFG. CO	**4626 N. Olcott Ave, Chicago 31, Ill**	**UN7-7727**
	J Krotek #2 *125 E 930-985-990-1290-1630		
Ala	F Wamble Sales Co	3867 Sherwood Dr, Montgomery 9	AM2-1573
Cal	W J Purdy Co	312 7th St, SF 3	UN3-3300
Cal	F Alleman Co	1625 Ellike Ave, LA 31	CA2-6128
Conn	P Spector	Box 2917, New Haven 15	SP7-6279
DC	Electronic Specialties Co	Box 5516, Wash 16	WH6-1512
Fla	Winfield Electronic Sales Co	666 NE, 125th St, N. Miami	PL1-5566
Haw	Dougherty Enterprises	334 Ilimalia Loop, Kailua	253-666
Ill	R J Kennedy	6713 N. Olcott Ave, Chicago	NE1-8293
Ill	A H Bruning Co	4120 Paterson Ave, Chicago 46	AV2-5171
Ind	W W Bieberich & Sons	2817 Plaza Dr, Ft. Wayne 5	KE2-9298
Mass	Gerber Sales Co	48 Pearl St, Brookline 47	BE2-2425
Mich	Grant Shaffer Co	14241 Fenkell Ave, Detroit 27	BR3-5390
Minn	Northport Eng Inc	1729 Selby Ave, St. Paul 4	MI5-2521
Mo	Koenig-Myers Assoc	4538 Main St, KC 11	JE1-7221
NJ	H Smith	[illegible] 14th St, NY 11, NY	CH2-2[illegible]
NJ	Trinkle Sales Co	[illegible] Maple Ave, Merchantville	NO3-[illegible]
NY	H F Smith	[illegible] W. 14th St, NY 11, NY	CH2-2[illegible]
NY	M M Burke	[illegible] Pl, Caledonia	[illegible]
Ohio	Goory Sales Co	13655 Henry Rd, Cleve 35	ED2-1818
Pa	J H Podaby	5912 Pa. Ave, Pittsburgh 6	HI1-1900
Tenn	Pearson-Dawkins & McGinness Co	3616 Tenn. Ave, Chattanooga 5	AM6-6321
Tex	Macrae-Smith Co	6324 Prosper St, Dallas 35	FL1-1615
Wash	F H Haight	3722 Eastlake Ave, Seattle 2	EA2-1818
Wis	B Dean	7110 Chambers St, Milwaukee	HI4-8711
Can	Atlas Radio Corp	50 Wingold Ave, Toronto 19, Ont	RU1-6174
	DREMEL MFG CO	**2300 18th St, Racine, Wisc**	
	1825		
	DRESSEN-BARNES CORP	**250 N. Vinedo Ave, Pasadena, Cal**	**MU1-0643**
	S Viscanti #6 *127 E 1340		
Ala	Murphy & Cota	1024 Memorial Pkwy, Huntsville	JE6-9121
Cal	C R Dalton Assoc	1233 State St, Santa Barbara	WO2-0300
Cal	C R Dalton Associates	1037 Laurel St, San Carlos, Cal	LY1-2654
Cal	David G DeHaas Co	1323 Cable St, San Diego 6	AC4-2401
Colo	Williams & Associates Inc	2381 S. Albion St, Denver, Colo	SK6-9403
Fla	Murphy & Cota	2119 E South St, Orlando	GA4-5633
Ga	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta, Ga	TR6-3120
Haw	Dan H Burcham Co	PO Box 3845, Honolulu 3	269781
Idah	Rush S Drake Assoc	PO Box 2126, Idaho Falls	PA2-7992
Ill	Loren F Green & Associates	5218 W. Diversey Ave, Chicago, Ill	PA5-6624
Iowa	Eng Services Co	1905 Oakland Gardens, Cedar Rapids	EM5-6138
Kan	Eng Services Co	247 S Pinecrest, Wichita	MU3-3751
Md	F R Jodon, Inc	4922 S Elm Ave, Bethesda 14	OL2-5110
Md	F R Jodon Inc	2408 Dundalk Rd, Baltimore, Md	WO1-1933
Mass	Components Sales Corp	473 Washington Ave, Wellesley	CE5-1007
Mich	M P Odell Co	17531 W. McNichols Rd, Detroit, Mich	UN2-1573
Mo	Eng Services Co	4550 Main St, Kansas City 11	JE1-7765
Mo	Eng Services Co	6717 Vernon Ave, St Louis 30	PA6-2233
NM	Williams & Associates	3221 Silver Ave, S.E., Albuquerque, NM	AL5-1632
NY	Components Sales Corp	73 E. [illegible] Ave, [illegible], NY	SC5-1150
NY	Components Sales Corp	Pittsford	DU1-1510
NC	Murphy & Cota	1[illegible] St, Winston-Salem, NC	PA4-0750
Ohio	M P Odell Co	2576 Salem Ave, Dayton, Ohio	CR7-4441
Ohio	M P Odell Co	23614 Center Ridge Rd, Westlake	TR1-8000
Pa	M P Odell Co	750 Pennsylvania Ave, Wilkinsburg, Pa	FR1-1231
Pa	Kenneth E Hughes Co, Inc	10[illegible] St, Phila 3	EV6-3130
Tex	Southwest Electronic Industries	Meadows Bldg, Dallas, Tex	EM3-1671
Tex	Southwest Electronic Industries	3615 Richmond, Houston	MA3-5775
Utah	Williams & Associates Inc	320 E. 4th S, Salt Lake City, Utah	EM4-6144
Wash	Rush S Drake Assoc	1917 Norman St, Seattle 44	EA3-8545
Can	Whittaker Electronics Ltd	1171 Whitmore Ave, Ottawa 3, Ont	PA2-8563
Can	Al Ingram	2 [illegible] Dr, Scarboro, Ont	AX3-3161
	DRESSER ELECTRIC CO	**2705 Wight St, Detroit 7, Mich**	**LO8-1855**
	D Friedt #3 *25 D 255-895-1340		
Ohio	Paul A Fee	29[illegible] Mansfield Rd, Toledo 13, Ohio	CH4-5827
	DRESSER ELECTRONICS, HST DIV	**555 N S St, Garland, Tex**	**BR6-5141**
	E Smith #20 *445 F 275-320-360-365-450-475-670-895-1145-1200-1340-1420-1455-1855		
Ark	Lawrence Sales Co	Box 13026, Dallas, Tex	FL2-7484
Cal	Eng Liaison Assoc	2360 Barham, Hollywood 28	HO9-2283
Conn	Whitehead Assoc	Guilford	GL3-3762
Del	J-H Electronic Sales Co	1125 Gypsie Ln, W, Towson, Md	VA5-4441
DC	J-H Electronic Sales Co	1125 Gypsie Ln, W, Towson, Md	VA5-4441
Fla	Buchanan & Abrams	1226 E Colonial Dr, Orlando	GA3-8995
Ga	Buchanan & Abrams	1226 E Colonial Dr, Orlando, Fla	GA3-8995
Idah	T R Van Wagoner	1415 S Main St, Salt Lake City, Utah	HU6-7251
Ind	Hobstetter Sample	131 N Ludlow St, Dayton, Ohio	BA2-2897
Kan	L F Florence	403 W 34th St, Kansas City, Mo	LO1-7272
La	Lawrence Sales Co	Box 13026, Dallas, Tex	FL2-7484
Me	Whitehead Assoc	Guilford, Conn	GL3-3762
Md	J H Electronics	1125 Gypsie Ln, W, Towson	VA5-4441
Mass	Whitehead Assoc	2 Brimmer St, Boston	
Mo	Lee Florence Sales	406 W 34 St, Kansas City	LO1-7272
NJ	J-H Electronic Sales Co	Box 797, Camden	BE5-1606
NM	Lawrence Sales Co	Box 13026, Dallas, Tex	FL2-7484
NY	R E Hutchins	97 Belden, Rochester	EO4-5406
NC	J H Electronics	1125 Gypsie Ln, W, Towson, Md	VA5-4441
Ohio	Hobstetter Sample	131 N Ludlow St, Dayton	BA2-2897
Okla	Lawrence Sales	Box 13026, Dallas, Tex	FL2-7484
Pa	J-H Electronic Sales Co	Box 797, Camden, NJ	BE5-1606
Tenn	Buchanan & Abrams Assoc	1226 E Colonial Dr, Orlando, Fla	GA3-8995
Tex	Lawrence Sales	Box 13026, Dallas	FL2-7484
Utah	T J Van Wagoner Sales	1415 S Main St, Salt Lake City	HU6-7251
Va	J H Electronics	1125 Gypsie Ln, W, Towson, Md	VA5-4441
Wash	Patterson Assoc	444 Dexter Horton Bldg, Seattle	MA2-5950
Wis	Arthur Eng Sales	11210 W Mallory Ave, Hales Corner	IV4-3277
	DRESSER ELECTRONICS SIE DIV	**10201 Westheimer Rd, Houston 42, Tex**	**SU2-2000**
	15-120-200-275-325-330-338-360		
Cal	Hugh A Young	Box 1102, Palos Verdes Estates	GR8-3179
Colo	E S Turner	619 N. Cascade, Colorado Springs	ME2-7652
DC	W A Laukaitis	1000 Conn. Ave, N. Wash 6	ME8-4360
Fla	Jaeger-Cordray Inc	1809 Colonial Dr, E. Orlando	CH1-6595
NY	Young Assoc	907 Monroe Ave, Rochester 20	BR1-2136
Can	SIE Canada	5513 3rd St, SE, Calgary, Alb	AL5-6501
For	Chris Ring, Dresser AG	43 Muehlebachstr, Zurich, Switz	32 84 87/89
For	Dresser AG SIE Mexico	LaFragua 13, Despacho 201, Mexico 1, DF	35 24 07
	DRESSER IDECO CO	**875 Michigan Ave, Columbus 8, Ohio**	**AX9-2123**
	45-1835		
Cal	Robert Stuid	6[illegible] S. Vermont Ave, LA 44, Cal	PL8-4154
DC	William E Dobbins	1000 Connecticut, N.W., Wash 6, DC	ME8-4360
	DRIVER-HARRIS CO	**202 Middlesex St, Harrison 13, NJ**	**HU3-4800**
	C Pheyen #15 *800 1120-1125-1290-1960		
Ala	J M Tull Metal & Supply Co., Inc	1301 25th St, Birmingham, Ala	FA3-1512
Alas	Western Factors	2733 4th Ave, S. Seattle 4, Wash	MU2-3414
Ariz	Angus-Campbell Inc	4417 S. Soto St, LA 58, Cal	LU7-1236
Ark	Driver-Harris Co	5245 W. Diversey Ave, Chicago 39, Ill	TU9-5836
Cal	Angus Campbell Inc	760 Tennessee St, San Francisco 7, Cal	AT8-4258

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Angus Campbell Inc	4417 S. Soto St, Los Angeles 58, Cal	LU7-1236
Colo	Metal Goods Corp	4343 Holly St. Denver 16	DU8-4141
Fla	J M Tull Metal & Supply Co	285 Marietta St. NW, Atlanta 2, Ga	JA5-3871
Ga	J M Tull Metal & Supply Co	285 Marietta St. NW, Atlanta 2	JA5-3871
Haw	Western Factors	2733 4th Ave. S. Seattle 4, Wash	MU2-3414
Idaho	Western Factors	2733 4th Ave. S. Seattle 4, Wash	MU2-3414
Ill	Driver-Harris Co	5245 W. Diversey Ave, Chicago, Ill	TU9-5626
Ind	Driver-Harris Co	250 Martin St. Birmingham, Mich	MI7-1444
Iowa	Driver-Harris Co	5245 W. Diversey Ave. Chicago 39, Ill	TU9-5626
Kan	Driver-Harris Co	5245 W. Diversey Ave. Chicago 39, Ill	TU9-5626
Ky	Driver-Harris Co	7016 Euclid Ave. Cleve 3, Ohio	EN1-0021
La	Metal Goods Corp	1970 Latham St. Memphis 6, Tenn	WH8-3407
Mich	Driver-Harris Co	250 Martin St. Birmingham	MI7-1444
Minn	Driver-Harris Co	5245 W. Diversey Ave. Chicago 39, Ill	TU9-5626
Miss	Metal Goods Corp	1970 Latham St. Memphis 6, Tenn	WH8-3407
Mo	Driver-Harris Co	5245 W. Diversey Ave. Chicago 39, Ill	TU9-5626
Mont	Driver-Harris Co	5245 W. Diversey Ave. Chicago 39, Ill	TU9-5626
Neb	Driver-Harris Co	5245 W. Diversey Ave. Chicago 39, Ill	TU9-5626
Nev	Angus-Campbell Inc	760 Tennessee St. SF 7, Cal	AT8-4208
NM	Metal Goods Corp	4343 Holly St. Denver 16, Colo	DU8-4141
NC	J M Tull Metal & Supply Co	285 Marietta St. NW, Atlanta 2, Ga	JA5-3871
ND	Driver-Harris Co	5245 W. Diversey Ave. Chicago 39, Ill	TU9-5626
Okla	Metal Goods Corp	302 N. Boston Ave. Tulsa 3	GI7-4101
Ore	Western Factors	2733 4th Ave. S. Seattle 4, Wash	MU2-3414
SC	J M Tull Metal & Supply Co	285 Marietta St. NW, Atlanta 2, Ga	JA5-3871
SD	Driver-Harris Co	5245 W. Diversey Ave. Chicago 39, Ill	TU9-5626
Tenn	J M Tull Metal & Supply Co	285 Marietta St. NW, Atlanta 2, Ga	JA5-3871
Tex	Metal Goods Corp	6211 Cedar Springs Rd. Dallas 35	FL1-3271
Utah	Angus-Campbell Inc	760 Tennessee St. SF 7, Cal	AT8-4208
Wash	Western Factors	2733 4th Ave. S. Seattle 4	MU2-3414
Wis	Driver-Harris Co	5245 W. Diversey Ave. Chicago 39, Ill	TU9-5626
Wyo	Metal Goods Corp	4343 Holly St. Denver 16, Colo	DU8-4141

• DRIVER CO WILBUR B .... **1875 McCarter Hwy, Newark 4, NJ** **HU2-5550**
C Jones #35 *700 G 1125-1960

Cal	Wilbur B Driver Co	2734 Industrial Way, Santa Maria, Cal	WA5-2759
Cal	Wilbur B Driver Co	2378 Westwood Blvd, L A, Cal	GR8-0359
Conn	Wilbur B Driver Co	75 Brightwood Ln, W. Hartford, Conn	AD3-5927
Ill	Wilbur B Driver Co	Northwest Hwy, Chicago 46	RO3-6200
Ky	Wilbur B Driver Co	130 St. Mathews Ave, Louisville 7	TW5-3493
Minn	Wilbur B Driver	610 Plymouth Bldg, Minneapolis, Minn	FE3-3388
Ohio	Wilbur B Driver Co	13701 Enterprise Ave, Cleveland 35	CL2-3444
Pa	Wilbur B Driver Co	35 Scott Ave, Glenolden, Pa	FA9-1277

DRY SCREEN PROCESS INC .... **1016 Madison Ave, Pittsburgh 12, Pa** **FA1-5255**
J Reed #3 *11 C 190-265-280-890-1075-1240-1530-1980

• DU-CO CERAMICS CO .... **1050 Main St, Saxonburg, Pa** **FL2-1511**
J Duke #3 *175 B 240-900-1875-1880-1890

DUDEK & BOCK SPRING MFG CO .. **4014 W. Grand Ave, Chicago 51, Ill** **DI2-1020**
S Wittek #3 *165 E 1120-1690-1960-1970

Ala	J H McCall Co	3804 St. Elmo Ave, Chattanooga, Tenn	AM7-8855
Ark	Gulf Metal Products Co	901 Vickery St. Ft. Worth, Tex	ED2-1749
Cal	Dean Lewis Associates	4444 Piedmont Ave, Oakland, Cal	OL4-0613
Del	Riley & Aleshire Inc	615 Greenwood Ave, Jenkintown, Pa	TU4-1708
Ga	J H McCall Co	3804 St. Elmo Ave, Chattanooga, Tenn	AM7-8855
Ill	Lenn Brearton	635 Park Plaine, Park Ridge, Ill	
Ill	Richard Ashford	14410 Elbrooke, Chicago, Ill	
Ill	Martin D Johnson	7733 Stony Island Ave, Chicago, Ill	
Ill	George Piers	117 Woodlawn, Roselle, Ill	
Ill	Douglas Thorsen	515 N. Rockford Ave, Rockford, Ill	
Ind	R G Buck	124 Fifth St, Logansport, Ind	2555
Iowa	F J Reynolds	405 Union Arcade, Davenport	324-3277
Kan	Steel Sales & Equipment Co	1013 Truman Rd, Kansas City 6, Mo	
Ky	R G Buck	124 Fifth St, Logansport, Ind	2555
La	Gulf Metal Products Co	901 Vickery St. Ft. Worth, Tex	ED2-1749
Md	Riley & Aleshire Inc	615 Greenwood Ave, Jenkintown, Pa	TU4-1708
Mich	M S Sales Co	723 Fisher Bldg. Detroit 2	TR5-5588
Mich	Joseph Pichl Jr	1619 Pinehurst Ave, Jackson, Mich	ST9-7039
Minn	Frank Ellen	6524 Walker St, Minneapolis, Minn	WE9-5161
Miss	J H McCall Co	3804 St. Elmo Ave, Chattanooga, Tenn	AM7-8855
Mo	O'Brien & Reynolds Inc	5611 Clayton, St. Louis 17, Mo	PA1-3033
Neb	F J Reynolds	405 Union Arcade, Davenport, Iowa	324-3277
NJ	Riley & Aleshire Inc	615 Greenwood Ave, Jenkintown, Pa	TU4-1708
NY	J C Newman, Jr	Box 3975, Rochester 10	DU1-3113
NC	N Kelly Bullard	P.O. Box 1765, High Point, NC	2-8109
Ohio	John F Torrelico	1765 Andover Rd, Columbus, Ohio	HU6-3446
Okla	Gulf Metal Products Co	901 Vickery St. Ft. Worth, Tex	ED2-1749
Ore	D A Olson Co	420 E. 45th St. Seattle, Wash	ME3-4133
Pa	Riley & Aleshire Inc	615 Greenwood Ave, Jenkintown, Pa	TU4-1708
SC	N Kelly Bullard	P.O. Box 1765, High Point, NC	2-8109
Tenn	J H McCall Co	3804 St. Elmo Ave, Chattanooga, Tenn	AM7-8855
Tex	Gulf Metal Products Co	901 Vickery St, Ft. Worth, Tex	ED2-1749
Va	N Kelly Bullard	P.O. Box 1765, High Point, NC	2-8109
Wash	D A Olson Co	420 E. 45th St, Seattle, Wash	ME3-4133
Wis	Frank Lackey Associates	4824 N. Wilson Dr. Milwaukee, Wisc	WO2-2942

DUKANE CORP .... **St. Charles, Ill** **JU4-2300**
J Stone Jr #80 *1000 G 45-55-765-895-1130-1235-1255-1370-1425-1675-1705-1895

DUMONT-AIRPLANE & MARINE INSTRUMENT INC .... **Box 92, Clearfield, Pa**
220

DUMONT LABS., ALLEN B., DIVS. FAIRCHILD CAM & INST CORP.
750 Bloomfield Ave. Clifton, NJ **PR3-2000**
L Litchfield #700 *5600 G 338-895-1880

Ala	Murphy & Cota	250 Lane Plaza, Huntsville	JE6-9121
Ariz	J T Hill Co	420 S Pine St. San Gabriel, Cal	CU3-6555
Ark	Dick Bellew Co	314 Melrose, El Dorado	UN3-8325
Cal	J T Hill Co	1464 Beacon St. San Diego	AC3-7133
Cal	J T Hill Co	1447 Laurel St. San Carlos	LY3-7693
Cal	J T Hill Co	420 S Pine St. San Gabriel	CU3-6555
Colo	F Y Gates Co	3395 S Bannock, Englewood	SU1-8566
Conn	Allen B DuMont Labs	49 Walnut St. Wellesley Hills 81, Mass	CE5-7550
Del	Three H Class & Co	21 W Pennsylvania Ave, Towson, Md	VA5-4445
DC	Allen B DuMont Laboratories	1625 Eye St. NW, Washington	ME8-1232
Fla	Murphy & Cota	2319 E Smith St. Orlando	GA4-2167
Ga	Murphy & Cota	2110 Peachtree Rd. NW, Atlanta	TR6-3020
Idah	Franklin Y Gates	822 Continental Bank Bldg. SLC, Utah	EL9-1101
Ill	Hugh Marsland & Co	6699 Lincoln Ave. Chicago	OR6-1100
Ind	Hugh Marsland & Co	5730 E 19th St. Indianapolis	FL6-4249
Iowa	Hugh Marsland & Co	6699 Lincoln Ave. Chicago, Ill	OR6-1100
Kan	Engineering Services Co	247 S Pinecrest, Wichita	MU3-3751
Ky	Hugh Marsland & Co	5730 E 19th St. Indianapolis, Ind	FL6-4249
La	Dick Bellew Co	314 Melrose, El Dorado, Ark	UN3-8325
Me	Allen B DuMont Labs	49 Walnut St. Wellesley Hills 81, Mass	CE5-7550
Md	Three H Class & Co	21 W Pennsylvania Ave. Towson	VA5-4445
Mass	Allen B DuMont Labs	49 Walnut St. Wellesley Hills 81	CE5-7550
Mich	Electro Sales Assoc	15324 Mack Ave. Detroit	TU6-2280
Minn	Pinkney & Hine Co	1925 Nicollet Ave. Minneapolis	FE8-0523
Miss	Murphy & Cota	250 Lane Plaza, Huntsville, Ala	JE6-9121
Mo	Engineering Services Co	4550 Main St. Kansas City	JE1-7765
Mont	Rush S Drake Assoc	1817 Norman St. Seattle, Wash	EA3-8545
Neb	Engineering Services Co	247 S Pinecrest, Wichita, Kan	MU3-3751
Nev	J T Hill Co	420 S Pine St. San Gabriel, Cal	CU3-6555
NH	Allen B DuMont Labs	49 Walnut St. Wellesley Hills 81, Mass	CE5-7550
NM	Franklin Y Gates	172 Harvard Dr. SE, Albuquerque	CH3-8010
NY	SBM Assoc	Nowlan Rd. RD 3, Binghamton	RA2-2648
NY	SBM Assoc	1943 W Fayette St. Syracuse	HO8-5041
NY	SBM Assoc	232 Roosevelt Dr. Utica	RE2-4410
NY	SBM Assoc	177 Winston Rd. N, Rochester	OL4-8440
NC	Murphy & Cota	1106 Burke St. Winston-Salem	PA4-0750
NC	Murphy & Cota	221 Latta Arcade, Charlotte	ED2-7356
ND	Pinkney & Hine Co	1925 Nicollet Ave. Minneapolis, Minn	FE8-0523
Ohio	Electro Sales Assoc	Dubel Sta. Box 143, Dayton	CH4-5551
Ohio	Electro Sales Assoc	281 E 216 St. Cleveland	RE2-7444
Okla	John A Green Co	Box 911, Tulsa	RI2-4657
Ore	Rush S Drake Assoc	1817 Norman St. Seattle, Wash	EA3-8545
Pa	Allen B Dumont Labs	100 Old York Rd. Jenkintown	TU7-6170
Pa	H E Ransford Co	5400 Clairton Blvd. Pittsburgh	TU4-3425
RI	Allen B DuMont Labs	49 Walnut St. Wellesley Hills 81, Mass	CE5-7550
SC	Murphy & Cota	1106 Burke St. Winston-Salem, NC	PA4-0750
SD	Pinkney & Hine Co	1925 Nicollet Ave. Minneapolis, Minn	FE8-0523
Tenn	Murphy & Cota	250 Lane Plaza, Huntsville, Ala	JE6-9121
Tex	John A Green Co	3400 Montrose, Houston	JA6-2959
Tex	John A Green Co	7118 Envoy Ct. Dallas	FL1-9947
Utah	Franklin Y Gates	822 Continental Bank Bldg. SLC	EL9-1101
Vt	Allen B DuMont Labs	49 Walnut St. Wellesley Hills 81, Mass	CE5-7550
Va	Allen B DuMont Labs	1625 Eye St. NW, Washington, DC	ME8-1232
Wash	Rush S Drake Assoc	1817 Norman St. Seattle	EA3-8545
W Va	H E Ransford Co	5400 Clairton Blvd. Pittsburgh, Pa	TU4-3425
Wis	Hugh Marsland & Co	6699 Lincoln Ave. Chicago, Ill	OR6-1100
Wyo	Franklin Y Gates	822 Continental Bank Bldg. SLC, Utah	EL9-1101
For	Fairchild International Div	515 Madison Ave. New York 22, NY	PL1-1652
Can	Bayly Engineering, Ltd	5 1st St. Toronto, Ont	EM3-3741
Can	Bayly Engineering, Ltd	48 Sparks St. Ottawa, Ont	CE2-9821

DUMONT LABS., ALLEN B., DIVS. FAIRCHILD CAM & INS CORP.
ELECTRONIC TUBE DIV .... **750 Bloomfield Ave. Clifton, NJ** **PR3-2000**
D Echo #700 *5600 G 1880

DUNCAN ELECTRONICS, INC .... **2865 Fairview Rd. Costa Mesa, Cal** **KI7-6521**
J Wyman #12 *46 D 895-1330-1475

Ariz	Gramer & Co	444 W Camelback Rd. Phoenix	CR9-1231
Cal	Birnbaum Sales Co	626 Jefferson Ave. Redwood City	EM8-7757
Cal	A-F Sales Eng, Inc	94 S Los Robles Ave, Pasadena	SY5-7081
Conn	Todino Eng Sales, Inc	1007 Farmington Ave. West Hartford	AD2-9532
Fla	Components Sales Corp	1825 NE 164th St. N Miami Beach	WI5-7721
Fla	Components Sales Corp	1163 NE 36th Ave. St Petersburg	7-7904
Ill	Rockford Controls Co	324 Woodstock Ave. Chicago	HO9-6016
Mass	Todino Eng Sales, Inc	50 Kearney Rd. Needham Hts	HI4-7925
Mo	Thomson Eng Service	8230 Forsyth Blvd. St Louis	PA7-7705
NY	B B Taylor Corp	2270 Grand Ave. Baldwin	BA3-8000
Ohio	Rockford Controls Co	2628 N Glen Rd. Westlake	TR1-4014
Ohio	Rockford Controls Co	5643 Mapleridge Ave. Cinc	LO1-4429
Tex	Thomson Eng Service	2520 Oak Lawn, Dallas	LA6-8741
Wash	Patterson Assoc	444 Dexter Horton Bldg. Seattle	MA2-5950

DUNN ENGINEERING CORP .... **225 O'Brien Hwy. Cambridge 41, Mass** .. **UN4-6700**
J Reeves #20 *125 E 895

Ala	W A Brown & Assoc	201 Capron Rd. Indian River City, Fla	AM7-0411
Ariz	Gene French Co	224 S Hilton, Scottsdale	WH6-3504
Ark	Fred Gross & Co	2651 Bremner Dr. Dallas, Tex	FL1-1837
Cal	Egbert Engineering Assoc	499 Hamilton Ave. Palo Alto	DA6-1387
Cal	Meredith Engineering Assoc	385 E Green St. Pasadena	MU1-9957
Colo	Gene French Co	1480 Hoyt, Denver 15	MA3-1458
Del	W A Brown & Assoc. Inc	3610 Mt Vernon Ave. Alexandria, Va	TE6-1800
DC	W A Brown & Assoc. Inc	3610 Mt Vernon Ave. Alexandria, Va	TE6-1800
Fla	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City	AM7-0411
Ga	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Idah	Gene French Co	138 S 2nd, E, Salt Lake City, Utah	EM4-3057
Ill	L H Schwartz & Assoc	394 W 1st St. Dayton, Ohio	BA4-9192
Ind	L H Schwartz & Assoc	394 W 1st St. Dayton, Ohio	BA4-9192
Ky	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
La	Fred Gross & Co	2651 Bremner Dr. Dallas, Tex	FL1-1837
Md	W A Brown & Assoc. Inc	3610 Mt Vernon Rd. Alexandria, Va	TE6-1800
Mich	L H Schwartz & Assoc	394 W 1st St. Dayton, Ohio	BA4-9192
Minn	Northport Engineering	1729 Selby Ave. St Paul	MI6-2621
Miss	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Mont	Egbert Engineering Assoc	499 Hamilton Ave. Palo Alto, Cal	DA6-1387
Nev	Egbert Engineering Assoc	499 Hamilton Ave. Palo Alto, Cal	DA6-1387
NJ	Louis A Garten & Assoc	375 Passaic Ave. Caldwell	CA6-7800
NM	Gene French Co	7900 Zuni Rd. SE, Albuquerque	AM8-2478
NY	Louis A Garten & Assoc	275 Passaic Ave. Caldwell, NJ	CA6-7800
NC	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
ND	Northport Engineering, Inc	1729 Selby Ave. St Paul, Minn	MI6-2621
Ohio	L H Schwartz & Assoc	394 W 1st St. Dayton	BA4-9192
Okla	Fred Gross & Co	2651 Bremner Dr. Dallas, Tex	FL1-1837
Ore	Egbert Engineering Assoc	499 Hamilton Ave. Palo Alto, Cal	DA6-1387
Pa	Louis A Garten & Assoc	375 Passaic Ave. Caldwell, NJ	CA6-7800
SC	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
SD	Northport Engineering Inc	1729 Selby Ave. St Paul, Minn	MI6-2621
Tenn	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Tex	Fred Gross & Co	2651 Bremner Dr. Dallas	FL1-1837
Utah	Gene French Co	138 S 2nd, E, Salt Lake City	EM4-3057
Va	W A Brown & Assoc. Inc	3610 Mt Vernon Ave. Alexandria	TE6-1800
Wash	Egbert Engineering Assoc	499 Hamilton Ave. Palo Alto, Cal	DA6-1387
W Va	W A Brown & Assoc. Inc	3610 Mt Vernon Ave. Alexandria, Va	TE6-1800
Wis	Northport Engineering Inc	1729 Selby Ave. St Paul, Minn	MI6-2621
Wyo	Gene French Co	1480 Hoyt, Denver 15, Colo	MA3-1458

DUNTON CO., M W .... **350 Kinsley Ave, Providence, RI** **DE1-3600**
700-1635-1755

DUNWELL MFG CORP .... **159-161 Ft. Lee Rd, Teaneck, NJ** **TE6-9500**
960-1290-1855

Ala	Dixie Electronic Associates	1021 8th Ave, S., Nashville, Tenn	AL5-1344
Cal	Vincent & Walker Inc	6326 Laurel Canyon Blvd, N. Hollywood	PO2-7200
Colo	Vines & Co	P.O. Box 1025, Denver 1, Colo	TA5-4471
Conn	Kenneth L Brown	54 Atherton Rd, Brookline 46, Mass	BE2-3969
Del	Herman Lewis Co	1622 68th Ave, Philadelphia 26, Pa	LI8-1281
DC	Herman Lewis Co	1622 68th Ave, Philadelphia 26, Pa	LI8-1281
Ga	Dixie Electronic Associates	1021 8th Ave, S., Nashville, Tenn	AL5-1344
Idaho	Norwestern Sales Co	2216 11th W., Seattle 99, Wash	AT2-4614
Ill	Morton L Friedman Co	2814 W. Balmoral Ave, Chicago 25, Ill	LO1-4257
Ind	Edwin A Schulz Co	721 Sherwood Dr, Indianapolis 20, Ind	CL5-1993
Iowa	Carmine Vignola	1202 Peyton Dr, Jefferson City, Mo	JE5-1023
Kan	Carmine Vignola	1202 Peyton Dr, Jefferson City, Mo	JE5-1023
Ky	Edwin A Schulz Co	721 Sherwood Dr, Indianapolis 20, Ind	CL5-1993
Me	Kenneth L Brown	54 Atherton Rd, Brookline 46, Mass	BE2-3969
Md	Herman Lewis Co	1622 68th Ave, Philadelphia 26, Pa	LI8-1281
Mass	Kenneth L Brown	54 Atherton Rd, Brookline 46, Mass	BE2-3969
Mich	Jack Rathsburg	3539 Townsend Ave, Detroit 14, Mich	WA1-3932
Minn	Forrest Carleen	P.O. Box 248A, Mound, Minn	GR2-2271
Miss	Dixie Electronic Associates	1021 8th Ave, S., Nashville, Tenn	AL5-1344
Mo	Carmine Vignola	1202 Peyton Dr, Jefferson City, Mo	JE5-1023
Mont	Vines & Co	P.O. Box 1025, Denver 1, Colo	TA5-4471
Neb	Carmine Vignola	1202 Peyton Dr, Jefferson City, Mo	JE5-1023
NH	Kenneth L Brown	54 Atherton Rd, Brookline 46, Mass	BE2-3969
NJ	Steve Fisher Sales	805 Greenwood Ave, Brooklyn 18, NY	CH2-5825
NJ	Herman Lewis Co	1622 68th Ave, Philadelphia 26, Pa	LI8-1281
NM	Vines & Co	P.O. Box 1025, Denver 1, Colo	TA5-4471
NY	Art Hess	62-07 68th Ave, Glendale 27, NY	HY7-7498
NY	Steve Fisher Sales	805 Greenwood Ave, Brooklyn 18, NY	CH2-5825
NC	George Schiffer	P.O. Box 6365, Greensboro, NC	3-5578
ND	Forrest Carleen	P.O. Box 248A, Mound, Minn	GR2-2271
Ohio	Sid Levin & Associates	6252 Mayfield Rd, Cleveland 24, Ohio	HI2-8340
Ore	Norwestern Sales Co	2216 11th W., Seattle 99, Wash	AT2-4614
Pa	Hy Nates	5515 Hobart St, Pittsburgh 17, Pa	HA1-8998
Pa	Herman Lewis Co	1622 68th Ave, Philadelphia 26, Pa	LI8-1281
RI	Kenneth L Brown	54 Atherton Rd, Brookline, Mass	BE2-3969
SC	George Schiffer	P.O. Box 6365, Greensboro, NC	3-5578
SD	Forrest Carleen	P.O. Box 248A, Mound, Minn	GR2-2271
Tenn	Dixie Electronic Associates	1021 8th Ave, S., Nashville, Tenn	AL5-1344
Utah	Vines & Co	P.O. Box 1025, Denver 1, Colo	TA5-4471
Vt	Kenneth L Brown	54 Atherton Rd, Brookline, Mass	BE2-3969
Va	Herman Lewis Co	1622 68th Ave, Philadelphia 26, Pa	LI8-1281
Wash	Norwestern Sales Co	2216 11th W., Seattle 99, Wash	AT2-4614
W. Va	Hy Nates	5515 Hobart St, Pittsburgh 17, Pa	HA1-8998
Wisc	Morton L Friedman Co	2814 W. Balmoral Ave, Chicago 25, Ill	LO1-4257
Wyo	Vines & Co	P.O. Box 1025, Denver 1, Colo	TA5-4471
Foreign	Louis D Cohen Y Cia	5955 Twin Lakes Dr, S. Miami, Fla	

DUOTONE CO., INC .... **Locust St, Keyport, NJ** **CO4-2200**
K Barton #2 *50 E 1195

Ala	Fred Ramble Sales Co	3967 Sherwood Dr. Montgomery	AM2-1573
Alas	Jas J Backer Co	221 W Galer St. Seattle, Wash	AT3-6470
Ariz	Nelson Co	710 E Louisiana Ave. Denver, Colo	PE3-5528
Ark	Hank Lieberman & Associates	6005 Northwood Rd, Dallas, Tex	EM3-3452
Cal	Logan Sales	154 8th St, San Francisco, Cal	HE1-0592
Cal	Eddie Colman & Associates	1501 S. Maple Ave, Los Angeles, Cal	RI9-6591
Colo	Nelson Co	710 E Louisiana Ave. Denver, Colo	PE3-5528
Conn	Hetherington Sales	97 Bogle St, Weston, Mass	CE5-5323
Del	John Mustico Co	1726-28 S State Rd. Upper Darby, Pa	SH8-1062
DC	John Mustico Co	1726-28 S State Rd. Upper Darby, Pa	SH8-1062
Fla	Winfield Electronic Sales Co	666 N.E. 125th St, N. Miami, Fla	PL1-5566
Ga	Fred Ramble Sales Co	3967 Sherwood Dr. Montgomery, Ala	AM2-1573
Hawaii	Eddie Colman & Associates	1501 S. Maple, Los Angeles, Cal	RI9-6591
Ill	Michael Zindell	6434 N. Washtenaw Ave, Chicago, Ill	BR4-7175
Ind	Charles Schiffler Co	1133 Navajo Trail, R R 14, Indpls, Ind	CL3-6337
Iowa	Kelly-Schmitz-Winkeler Assoc	407 W 74th Terr. Kansas City, Mo	EM1-5651
Kan	Kelly-Schmitz-Winkeler Assoc	407 W 74th Terr. Kansas City, Mo	EM1-5651
Ky	Charles Schiffler Co	1133 Navajo Trail, R R 14, Indpls, Ind	CL3-6337
La	Hank Lieberman & Associates	6005 Northwood Rd, Dallas, Tex	EM3-3452
Me	Hetherington Sales	97 Bogle St, Weston, Mass	CE5-5323
Md	John Mustico Co	1726-28 S State Rd. Upper Darby, Pa	SH8-1062
Md	John Mustico	312 Bewley Rd, Havertown, Pa	HI6-1961
Mass	Hetherington Sales	97 Bogle St. Weston	CE5-5323
Mich	Edwards-Lohse Co	2123 W. 9th St, Cleveland, Ohio	TO1-5753
Minn	Stan Clothier Co., Inc	12 W. 58th St, Minneapolis, Minn	TA5-1234
Miss	Fred Ramble Sales Co	3967 Sherwood Dr. Montgomery, Ala	AM2-1573
Mo	Kelly-Schmitz & Winkeler	407 W 74th Terr. Kansas City	EM1-5651
Mont	Nelson Co	710 E Louisiana Ave. Denver, Colo	PE3-5528
Neb	Nelson Co	710 E Louisiana Ave. Denver, Colo	PE3-5528
Nev	Eddie Colman & Assoc	1501 S Maple Ave. Los Angeles, Cal	RI9-6591
NH	Hetherington Sales	97 Bogle St. Weston, Mass	CE5-5323
NJ	Newhope Corp	6 E. 39th St. New York, NY	LE2-7372
NJ	John Mustico Co	1726-28 S State Rd. Upper Darby, Pa	SH7-1062
NM	Nelson Co	710 E Louisiana Ave. Denver Colo	PE3-5528
NY	Newhope Corp	6 E. 39th St. New York, NY	LE2-7372
NY	Maury Farber Assoc	75 W Chippewa St, Buffalo 2	TL6-3543
NC	Fred Ramble Sales Co	3967 Sherwood Dr. Montgomery, Ala	AM2-1573
ND	Stan Clothier Co., Inc	12 W. 58th St, Minneapolis, Minn	TA5-1234
Ohio	Edwards Lohse & Co	2123 E. 9th St, Cleveland, Ohio	TO1-5753
Okla	Hank Lieberman & Associates Inc	6005 Northwood Rd, Dallas, Tex	EM3-3452
Ore	Jas J Backer Co	221 W Galer St. Seattle 99, Wash	AT3-6470
Pa	John Mustico Co	1726-28 S State Rd, Upper Darby,	SH8-1062
Pa	Edwards Lohse & Co	2123 E. 9th St, Cleveland, Ohio	TO1-5753
RI	Hetherington Sales	97 Bogle St. Weston 93, Mass	CE5-5323
SC	Fred Ramble Sales Co	3967 Sherwood Dr. Montgomery, Ala	AM2-1573
SD	Nelson Co	710 E Louisiana Ave. Denver, Colo	PE3-5528
Tenn	Fred Ramble Sales Co	3967 Sherwood Dr. Montgomery, Ala	AM2-1573
Tex	Nelson Co	710 E Louisiana Ave. Denver, Colo	PE3-5528

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
Utah	Nelson Co	712 E Louisiana Ave, Denver, Colo	PE3-5528
Vt	Hetherington Sales	97 Eagle St, Newton 58, Mass	CE5-5123
Va	John Mastics Co	1776-78 S State Rd, Upper Darby, Pa	SH9-1062
Wash	Jas J Backer Co	221 W Galer St, Seattle 99	AT3-6470
W Va	Edwards Lotus Co	2123 E. 9th St, Cleveland, Ohio	TO1-5753
Wisc	Stan Clothier Co., Inc	12 W. 58th St, Minneapolis, Minn	TA5-1234
Wyo	Nelson Co	712 E Louisiana Ave, Denver, Colo	PE3-5528
Foreign	Singer Products Co	95 Broad St, New York, NY	WH4-8700
	DU PONT DE NEMOURS & CO., INC., E I	**Wilmington 98, Del**	**PR4-1000**
	G 30-240-265-315-625-660-665-700-900-970-975-1010-1125-1240-1250-1505-1930		
	DURA PLASTICS OF N Y INC	**383 Fifth Ave, New York, NY**	**MU6-5645**
	***50 135-595-646-895-1135-1190-1290-1295**		
Mo	Nagel & Hair	11001 Manchester, St. Louis, Mo	YO6-2747
Tex	Engineering Associates Inc	PO Box 886, Ft Worth, Tex	WA3-7386
	DURAKOOL INC	**1000 N. Main St, Elkhart, Ind**	**CO4-1116**
	V Bloxson #10 *10 E 1460-1735-1810		
Cal	R Meusdorffer & Assoc	3481 Cahuenga Blvd, LA	HO2-6039
Cal	Fisher Switches Inc	40 Gough St, San Francisco 3	UN1-2569
Ill	Durakool Inc	333 N. Mich, Chicago	AN3-7021
NY	W F Hawes	Apple Tree Ln, Newtonville	ST5-9248
NY	Durakool of NY	4147 Bronx Blvd, NY 70	FA4-1000
Pa	R H Barnes	472 Tanner Rd, Hatboro	OS5-9227
Can	Measurement Eng. Ltd	Box 1152, Sta. O, Montreal, Que.	GR3-9198
Can	Measurement Eng. Ltd	1985 Ave. Rd, Toronto 12, Ont.	HU1-0231
	DURALITH CORP	**1025 Race St, Philadelphia 7, Pa**	**WA3-1900**
	338-435-525-595-605-895-965-1190-1245-1290-1295-1605-1785		
Cal	James A Fox	5525 Wilshire Blvd, L A 36, Cal	WE8-3751
Cal	Herm Mayer	115 New Montgomery, San Francisco 5	SU1-5490
Conn	Herbert L Simmons	576 Fifth Ave, New York 36, NY	JU2-5629
Ill	H D Jarmuth Jr/ Donald D Reed	55 E. Washington St, Chicago 2, Ill	DE2-5700
Md	Richard H Schneider	Court Sq Bldg, Baltimore 2, Md	PL2-6535
Mass	Edward J Nolan	115 High St, Boston 10, Mass	HA6-3900
NY	Walter Rumpf/ Jack Wertheimer	576 Fifth Ave, New York 36, NY	JU2-5629
NY	Charles F Hummer	917 Monroe Ave, Rochester 20, NY	BR1-2143
Pa	Shaffer/Cole/Hearing	1025 Race St, Philadelphia 7, Pa	WA3-1900
	DURAMIC PRODUCTS INC	**426 Commercial Ave, Palisades Park, NJ**	**WI7-0310**
	H Schwartz #2 *30 C 120-240-380-760-900-1875-1890		
Ariz	E J Foley Assoc	3940 N Jokake Dr, Scottsdale, Ariz	
Cal	E J Foley Assoc	1129 N Adair Pl, Anaheim, Cal	
Ill	Nero Electronic Sales Co	35-18 Elmwood St, Wilmette, Ill	
Mich	Lor-Mac Assoc	401 Fisher Bldg, Detroit 2, Mich	
NY	Stuart Foster	204 Southfield Dr, Fayetteville, NY	
Ohio	Fusior Eng Co	17921 Roseland Ave, Cleveland 12, Ohio	
Pa	Ed Pemberthy	81 Union St, Medford, NJ	
RI	H Keston	45 Arland Dr, Pawtucket, RI	
Tex	P J Scanlon	2908 Inwood Rd, Dallas 35, Tex	
For	Streuber & La Chicotte	200 W 57th St, NYC, NY	
•	**DURANT MFG CO**	**1912-A N.Buffum St, Milwaukee 1, Wisc**	**LO2-5035**
	J McGinley #12 *200 D 360-895		
Ala	Activation Inc	3140 Fayette Ave, Birmingham	ST7-9661
Ark	Joe M Henry	Box 3703, Tulsa, Okla	LU5-1234
Cal	Durant Mfg. Co	1830 N. La Brea Ave, LA	HO5-7800
Cal	Transmission Engineering Co	477 Bryant St, San Francisco, Cal	SU1-4730
Colo	Vinson Assoc.	3600 S. Lincoln, Englewood	SU9-2203
Conn	Len Bowen	15 Thurbers Ave, Providence 5, RI	ST1-7800
Del	G H Schroeder	7 Heather Rd, Bala-Cynwyd, Pa	MO4-0336
DC	Fabricators Inc	610 Highland Ave, Towson 4, Md	VA5-3456
Fla	Industrial Associates	3718 Watrous Ave, Tampa 9, Fla	TA8-6912
Ga	Carl B Peterson	34 13th St, N.E., Atlanta 9, Ga	TR5-3938
Idaho	James L Kearns Co	6055 N.E. Glisan St, Portland 13, Ore	BE6-2444
Ill	Durant Mfg Co	7001 W. Lake St, Melrose Park, Ill	AU7-8288
Ind	Moon & Morris	1802 E. 46th St, Indpls 5	CL3-3408
Iowa	S Parkes & Sons	444 S.W. 5th St, Des Moines, Iowa	4-0149
Kan	Parker & Foster	3515 Troost Ave, Kansas City 9, Mo	LO1-9266
La	American Supply Co	606 Howard Ave, New Orleans 12, La	JA5-4122
Me	R O O'Connell	945 Great Plain Ave, Needham 92, Mass	HI4-0397
Md	Fabricators Inc	610 Highland Ave, Towson 4, Md	VA5-3456
Mass	Durant Mfg Co	941 Great Plain Ave, Needham 92, Mass	HI4-0397
Mich	Durant Mfg Co	10628 Plymouth Rd, Detroit 4, Mich	VE3-7886
Minn	Bury-Lind Co	3814 E. Lake St, Minneapolis 6, Minn	PA9-7309
Miss	American Supply Co	606 Howard Ave, New Orleans 12, La	JA5-4122
Mo	W W Monroe Co	800 E. Big Bend Rd, St. Louis 22, Mo	YO5-2500
Neb	S Parkes & Sons	1402 Webster St, Omaha 2, Neb	AT5863
NH	R O O'Connell	945 Great Plain Ave, Needham 92, Mass	HI4-0397
NJ	B J Gilotta	271 North Ave, New Rochelle, NY	NE3-6400
NM	Vinson Associates	3600 S. Lincoln, Englewood, Colo.	SU9-2851
NY	Potter & Dugan Co	51 Great Arrow Ave. Buffalo 16	TR7-3360
NY	Durant Mfg Co	271 North Ave, New Rochelle, NY	3-6400
NC	M R Snyder Co	304 E. Tremont Ave, Charlotte, NC	ED4-7190
Ohio	Durant Mfg Co	Roselawn Center Bldg, Cincinnati 37	JE1-5073
Ohio	Mechanical Equipment Co	7100 Prospect Ave, Cleveland 15, Ohio	EN1-6212
Okla	Joe M Henry Co	Box 3703, Tulsa, Okla	LU5-1234
Ore	James L Kearns Co	6055 NE Glisan St. Portland 13	BE6-1165
Pa	Durant Mfg Co	7 Heather Rd, Bala-Cynwyd, Pa	MO4-0336
Pa	L R Nowrie Co	2414 W. Liberty Ave, Pittsburgh 26, Pa	LO1-1628
RI	Len Bowen	15 Thurbers Ave, Providence 5, RI	ST1-7800
SC	M R Snyder Co	304 E. Tremont Ave, Charlotte, NC	ED4-7190
Tenn	Robbins & Burr Co	Hamilton Natl Bk Bldg, Chattanooga	AM7-6697
Tex	Wm E Bricco Co	303 Bastrop St, Houston 3, Tex	CA2-7321
Utah	Vinson Associates	3600 S. Lincoln, Englewood, Colo.	SU9-2851
Vt	R O O'Connell	945 Great Plain Ave, Needham 92, Mass	HI4-0397
Wash	Fabricators Inc	610 Highland Ave, Towson 4, Md	VA5-3456
Canada	Rainbow Tools Ltd	64 Racine Rd, Toronto, Ontario, Canada	CH1-3301
	DUREZ PLASTICS DIV HOOKER CHEMICAL	**1921 Walck Rd, N. Tonawanda, NY**	**LU1860**
	J Ferguson #12 *932 G 1290		
Cal	Durez Plastics Division	6277 E. Slauson Ave, Los Angeles 22	OV5-8910
Ill	Durez Plastics Division	1 N. LaSalle St, Chicago 2, Ill	FR2-8757
Mich	Durez Plastics Div	513 ... Bldg, Detroit 2	TR3-3133
NY	Durez Plastics Div	666 Fifth Ave, NY 19	PL7-...
NY	Durez Plastics Div	120 Del. Ave, Buffalo 2	TL3-7525
Ohio	Durez Plastics Division	210 W. First St, Dayton, Ohio	BA2-7416
	DURO MATIC PRODUCTS CO	**5509 Higuera St, Culver City, Cal**	**UP0-6341**
	1645		
Cal	Westrep Corp	2822 S Sepulveda Blvd. Los Angeles	
	DURO SPECIALTY CO., INC	**311 Boston St, Lynn, Mass**	**LY8-3479**
	W Frankel #1 *22 A 1710		
	DWYER ENGINEERING CO., INC	**Airport Rd, Nashua, NH**	
	185-190-280-795-850-895-1135-1290-1475		
	DWYER MFG CO., F W	**P. O. Box 373, Michigan City, Ind**	**TR2-4232**
	J McKeogre 895		
Cal	Pacific Scientific Co	P.O. Box 22019, Los Angeles 22, Cal	RP3-7171
Cal	Pacific Scientific Co	160 Harrison St, San Francisco, Cal	DO2-0834
Mich	Steam Specialties Co	5794 Wyoming Ave, Detroit, Mich	LU4-2082
NY	Saco Industries Inc	87-65 150th St, Jamaica 35, NY	AX7-1134
Ore	Pacific Scientific Co	1218 S.E. 7th Ave, Portland 14, Ore	BE4-9747
Pa	Penn-Del Instrument Sales Co	39 Bethlehem Pike, Philadelphia 18, Pa	CH7-7...
Va	Laurence Trust & Co	111 W. Main St, Norfolk 10, Va	MA2-6414
Wash	Pacific Scientific Co	421 Michigan St, Seattle, Wash	MO7000
Canada	Baker Instruments Ltd	185 Davenport Rd, Toronto 5, Ontario, Can	WA4-9708
Canada	Baker Instruments Ltd	358 Kensington Ave, Montreal PQ, Can	GL4341
Canada	E H Price Ltd	McArthur St, Winnipeg 2, Manitoba, Canada	WH3-2597
Canada	E H Price (Alta) Ltd	8610 125th Ave, Edmonton, Alberta, Can	774442
Canada	E H Price (B C) Ltd	1505 West End Rd, Vancouver, BC, Can	LA6-4737
Foreign	A L Jacobs	3538 Lake Shore Dr, Chicago 13, Ill	LA5-7793
	DYCHRO CORP	**47 Walnut St, Wellesley 81, Mass**	**CE7-0606**
	C Beaudette #3 *20 B 338-1850		
	DYMEC DIV HEWLETT-PACKARD CO	**395 Page Mill Rd, Palo Alto, Cal**	**DA6-1755**
	E Morgan #50 *255 E 50-338-895-1135-1610		
Ala	Bivins & Caldwell Inc	3110 Maple Dr. NE, Atlanta, Ga	CE3-7522
Ariz	Neely Enterprises	641 E. Missouri, Phoenix, Ariz	CR4-5431
Ark	Earl Lipscomb Associates	P.O. Box 7084, Dallas, Tex	FL7-1881
Cal	Neely Enterprises	3939 Lankershim Blvd, N. Hollywood, Cal	TR7-0721
Colo	Lahana & Co	1886 S. Broadway, Denver 10, Colo	PE3-3791
Conn	Yewell Associates Inc	1101 E. Main St, Bridgeport 8, Conn	FO6-3456
Del	Horman Associates	941 Rollins Ave, Rockville, Md	HA7-7560
DC	Horman Associates	941 Rollins Ave, Rockville, Md	HA7-7560
Fla	Stiles Associates Inc	1206 E. Colonial Dr, Orlando, Fla	GA5-5541
Ga	Bivins & Caldwell Inc	3110 Maple Dr, NE, Atlanta	CE3-7522
Idaho	Arva	1320 Prospect St, Seattle 9, Wash	MA2-0177
Ill	Crossley Assoc. Inc	2501 W. Peterson St. Chicago	BR5-1600
Ind	Crossley Associates Inc	5420 N. College Ave, Indianapolis, Ind	CL1-9255
Iowa	Crossley Assoc. Inc	2501 W. Peterson St. Chicago, Ill	BR5-1600
Kan	Harris-Hanson Co	7916 Paseo Ave, Kansas City 30, Mo	HI4-9494
Ky	Bivins & Caldwell Inc	P.O. Box 5187, High Point, NC	2-6873
La	Earl Lipscomb Associates	P.O. Box 7084, Dallas, Tex	FL7-1881
Me	Yewell Associates	Middlesex Tnpk, Burlington, Mass	BR2-9000
Md	Horman Associates Inc	3006 W. Cold Spring Ln, Baltimore 15	MO4-8345
Mass	Yewell Associates Inc	Middlesex Tnpk, Burlington, Mass	BR2-9000
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit 35, Mich	BR2-2900
Minn	Crossley Associates Inc	842 Raymond Ave, St. Paul 14, Minn	MI6-7881
Miss	Earl Lipscomb Associates	P.O. Box 7084, Dallas, Tex	FL7-1881
Mo	Harris-Hanson Co	2814 S. Brentwood Blvd, St. Louis 17, Mo	MI7-4350
Mont	Arva	1320 Prospect St, Seattle 9, Wash	MA2-0177
Neb	Crossley Associates Inc	842 Raymond Ave, St. Paul 14, Minn	MI6-7881
Nev	Neely Enterprises	1317 15th St, Sacramento, Cal	GI2-8901
NH	Yewell Associates	Middlesex Tnpk, Burlington, Mass	BR2-9000
NJ	R M C Associates	391 Grand Ave, Englewood, NJ	LO7-3933
NJ	I E Robinson Co	905 Main St, Asbury Park, NJ	KE1-3150
NM	Neely Enterprises	6501 Lomas Blvd, N.E., Albuquerque	AL5-5586
NY	R M C Associates	236 E. 75th St, New York 21, NY	TR9-2023
NC	Bivins & Caldwell	P.O. Box 5187, High Point, NC	2-6873
ND	Crossley Associates	842 Raymond Ave, St. Paul 14, Minn	MI6-7881
Ohio	S Sterling Co	5827 Mayfield Rd, Cleveland 24, Ohio	HI2-8080
Ohio	Crossley Associates	2801 Far Hills Ave, Dayton 19, Ohio	AX9-3594
Okla	Earl Lipscomb Associates	P.O. Box 7084, Dallas, Tex	FL7-1881
Ore	Arva	1320 Prospect St, Seattle 9, Wash	MA2-0177
Pa	I E Robinson	144 Elizabeth St, W. Conshohocken	TA8-6200
Pa	S Sterling	4232 Brownsville Rd, Pittsburgh	TU4-5515
RI	Yewell Associates	Middlesex Tnpk, Burlington, Mass	BR2-9000
SC	Bivins & Caldwell Inc	P.O. Box 5187, High Point, NC	2-6873
SD	Crossley Assoc. Inc	2501 W Peterson St, Chicago, Ill	BR5-1600
Tenn	Bivins & Caldwell Inc	P.O Box 5187, High Point, NC	2-6873
Tex	Earl Lipscomb Associates	P.O Box 7084, Dallas, Tex	FL7-1881
Utah	Lahana & Co	1886 S. Broadway, Denver, Colo	PE3-3791
Vt	Yewell Associates Inc	Middlesex Tnpk, Burlington, Mass	2-6873
Va	Bivins & Caldwell Inc	P.O. Box 6514, Richmond 30, Va	EL5-7331
Wash	Arva	1320 Prospect St, Seattle 9, Wash	MA2-0177
W. Va	Bivins & Caldwell Inc	P.O. Box 5187, High Point, NC	2-6873
Wis	Crossley Assoc. Inc	2501 W Peterson St. Chicago, Ill	BR5-1600
Wyo	Lahana & Co	1886 S. Broadway, Denver, Colo	PE3-3791
•	**DYNA-EMPIRE INC**	**1075 Stewart Ave, Garden City, NY**	**PI1-2700**
	E Toombs #20 *220 D 555-895-1130-1270-1555-1795-1850-1905-1915		
Cal	E V Roberts & Assoc	5068 W Washington Blvd. Los Angeles	WE8-2541
Fla	Winfield Electronic Sales	Box 427, N. Miami, Fla	PL1-5566
Ill	Dwight Smith & Associates	9 S. River St, Aurora, Ill	TW7-5752
Ind	Nelson Gage & Tool Service	Hyson Bldg, Muncie, Ind	AT8-5712
Mich	Lowell Co., The	1312 Elliot, Madison Heights	LI7-5371
Mo	Louis A Hoppe Co	8114 Rosalie, St. Louis 17, Mo	MI7-3420
NJ	R E Weber Co	11 Milline Rd, E Brunswick	CL7-5243
NY	Morsey Sales, Inc	575 Merchants Rd, Rochester	HU2-4133
Pa	Walter J Greenleaf Co	512 Franklin Ave, Pittsburgh 21, Pa	CH1-6567
Tex	Southwestern Eng & Eqpt	4045 Lemmon Ave. Dallas	LA6-7433
Wash	M F Sederling Co	1729 First Ave, S., Seattle 4, Wash	MA2-6066
Wisc	John L McCoy Co	4003 W. Capitol Dr, Milwaukee, Wisc	UP1-9150
Foreign	Emoc	127 Grace St, Plainview, NY	WE1-3700
Foreign	Asahi Trading Co Ltd	C.P.O.Box 49, Tokyo, Japan	
	DYNACO INC	**3912 Powelton Ave, Philadelphia, Pa**	**EV6-9405**
	R Tucker #3 *30 E 895-955-1130-1265-1273-1855-1895		
Ala	Paul Hayden Associates	Box 331, E Point, Georgia	PO6-0261
Alaska	Dave Champlin Co	12528 22nd Ave, N.E., Seattle 55, Wash	EM2-0401
Ariz	Hyde Electronics Co	2902 W Villa St, Phoenix, Ariz	AP8-2266
Ark	Dick Bellew Sales Co	314 Melrose, El Dorado, Ark	UN3-8325
Cal	R Mark Markman	4350 Lankershim Blvd, N Hollywood, Cal	TR7-3998
Cal	E W Brandt Co	1122 Folsom St, San Francisco 3, Cal	HE1-7710
Colo	Hyde Electronics Co	888 S Lipan St, Denver 23, Colo	WE6-3456
Conn	Willson Sales Co	6 Mohawk Rd, Marblehead, Mass	NE1-4016
Del	Harold Blumenstein Co	123 Cresshill Rd, Philadelphia 31, Pa	MI9-9523
DC	Harold Blumenstein Co	123 Cresshill Rd, Philadelphia 31, Pa	MI9-9523
Fla	Paul Hayden Associates	Box 331, E Point, Georgia	PO6-0261
Ga	Paul Hayden Associates	Box 1901, Birmingham, Ala	AL1-8271
Idaho	Hyde Electronic Sales	2803 Connor St, Salt Lake City 9, Utah	IN7-5763
Ill	Walter F. Marsh & Associates	244 Chicago Ave, Oak Park, Ill	EU6-2967
Ind	Charles Scheiffler Co	1133 Navajo Trail, Indianapolis 8, Ind	CL3-6337
Iowa	Robert R Shaw Co	7800 Kendridge Ln, St. Louis 19, Mo	WO2-4590
Kan	Robert R Shaw Co	7800 Kendridge Ln, St. Louis 19, Mo	WO2-4590
Ky	Charles Scheiffler Co	1133 Navajo Trail, Indianapolis 8, Ind	CL3-6337
La	Dick Bellew Sales Co	314 Melrose, El Dorado, Ark	UN3-8325
Me	Willson Sales Co	6 Mohawk Rd, Marblehead, Mass	NE1-4016
Md	Harold Blumenstein Co	123 Cresshill Rd, Philadelphia 31, Pa	MI9-9523
Mass	Willson Sales Co	6 Mohawk Rd, Marblehead, Mass	NE1-4016
Mich	Wayne Bethel Co	11209 Fenkell, Detroit 27, Mich	VE8-9100
Minn	Clark Gibb Co	2400 Hennepin Ave, Minneapolis 5, Minn	FR7-1200
Miss	Paul Hayden Associates	Box 331, E Point, Georgia	PO6-0261
Mo	Robert Shaw Co	7800 Kendridge Ln, St. Louis 19, Mo	WO2-4590
Mont	Hyde Electronics Co	2803 Connor St, Salt Lake City 9, Utah	IN7-5763
Neb	Robert Shaw Co	7800 Kendridge Ln, St Louis 19, Mo	WO2-4590
Nev	E W Brandt Co	1122 Folsom St, San Francisco 3, Cal	HE1-7710
NH	Willson Sales Co	6 Mohawk Rd, Marblehead, Mass	NE1-4016
NJ	Leonard Zimwe Co	15 N. Central Ave, Hartsdale, NY	OW3-2922
NJ	Harold Blumenstein Co	123 Cresshill Rd, Philadelphia 31, Pa	MI9-9523
NM	Hyde Electronics Co	5206 Constitution Ave NE, Albuquerque	AM3-1111
NY	Electro-Rep Sales Co	187 Culver Rd, Rochester 7, NY	GR3-7398
NY	Leonard Zimwe Co	15 N Central Ave, Hartsdale, NY	OW3-2922
NC	Paul Hayden Associates	423 W. 5th St, Burlington, NC	CA7-3479
ND	Clark Gibb Co	2400 Hennepin Ave, Minneapolis 5, Minn	FR7-1200
Ohio	Les A Morrow Co	3128 W 117th St, Cleveland 11, Ohio	CL1-5700
Okla	W R Hays Co	3416 Rosedale, Dallas, Tex	EM3-2021
Ore	Dave Champlin Co	12528 22nd Ave, N.E., Seattle 55, Wash	EM2-0401
Pa	Harold Blumenstein Co	123 Cresshill Rd, Philadelphia 31, Pa	MI9-9523
Pa	Les A Morrow Co	3128 W 117th St, Cleveland 11, Ohio	CL1-5700
RI	Willson Sales Co	6 Mohawk Rd, Marblehead, Mass	NE1-4016
SC	Paul Hayden Associates	Box 1901, Birmingham, Ala	AL1-8271
SD	Clark Gibb Co	2400 Hennepin Ave, Minneapolis 5, Minn	FR7-1200
Tenn	Paul Hayden Associates	423 W. 5 St, Burlington, NC	CA7-3479
Tex	W R Hays Co	3416 Rosedale, Dallas, Tex	EM3-2021
Tex	W R Hays Co	3416 Rosedale, Dallas, Tex	EM3-2021
Utah	Hyde Electronics Co	2803 Connor St, Salt Lake City 9, Utah	IN7-5763
Vt	Willson Sales Co	6 Mohawk Rd, Marblehead, Mass	NE1-4016
Va	Paul Hayden Associates	423 W. 5 St. Burlington, NC	CA7-3479
Wash	Dave Champlin Co	12528-22 Ave, N.E., Seattle 55, Wash	EM2-0401
W Va	Les A Morrow Co	3128 W 117th St, Cleveland 11, Ohio	CL1-5700
Wisc	Walter F Marsh & Associates	244 Chicago Ave, Oak Park, Ill	EU6-2967
Wyo	Hyde Electronics Co	888 S Lipan St, Denver 23, Colo	WE6-3456
Can	E S Gould Sales Co	15 LeMoyne W, Montreal 1, PQ	AV8-5225
Foreign	M Simons & Son	25 Warren St, New York 7, NY	BA7-5513
	DYNACOR INC. SPRAGUE ELECTRIC CO. SUB	**1006 Westmore Ave. Rockville, Md**	**GA4-6900**
	J Cook 380		
Ala	Sprague Electric Co	1152 Cleve. St, Clearwater, Fla	446-3119
Ariz	Sprague Electric Co	12870 Panama St, LA 66, Cal	EX8-2791
Ark	Sprague Electric Co	3603 Lemmon Ave, Dallas 19, Tex	LA1-9971
Cal	Sprague Electric Co	12870 Panama St, LA 66	EX8-2791
Cal	W J Purdy Co	312 7th St, SF 3	UN3-3300
Colo	R G Bowen Co. Inc	721 S. Broadway, Denver 9	RA2-4641
Conn	Sprague Electric Co	50 E. 41st St, NY 17, NY	OR9-1195
Del	Sprague Electric Co	545 Cooper St, Camden, NJ	WO4-1776
DC	Sprague Electric Co	724 Ninth St, NW Wash 1	ME8-3791
Fla	Sprague Electric Co	1152 Cleveland St, Clearwater	446-3119
Ga	Sprague Electric Co	1152 Cleve. St, Clearwater, Fla	446-3119
Haw	G Pretty Factors Inc	2030 Home Rule St, Honolulu	
Idah	R G Bowen Co, Inc	463 E. 3rd St, Salt Lake City 11, Utah	EM3-4528
Ill	Sprague Electric Co	5942 W. Montrose Ave, Chicago 34	MU5-6400
Ind	Sprague Electric Co	3051 Salem Ave, Dayton 6, Ohio	CR7-2032
Ind	Sprague Electric Co	5942 W. Montrose Ave, Chicago 34, Ill	MU5-6400
Iowa	Sprague Electric Co	3910 Lindell Blvd, St Louis 8, Mo	JE5-7239
Kan	Sprague Electric Co	3910 Lindell Blvd, St. Louis 8, Mo	JE5-7239
Ky	Sprague Electric Co	928 Burke St, Winston-Salem, NC	722-5151
La	Sprague Electric Co	3603 Lemmon Ave, Dallas 19, Tex	LA1-9971
Me	Sprague Electric Co	313 Washington St, Newton 58, Mass	DE2-2900
Md	Sprague Electric Co	724 9th St, NW, Washington, DC	ME8-3791
Mass	Sprague Electric Co	313 Wash. St, Newton 58	DE 2-2900
Mich	Allied Sales Co	10136 Puritan Ave, Detroit 38	UN2-1300
Minn	H M Richardson & Co	9 E. 22nd St, Minneapolis 4	FE6-4078
Miss	Sprague Electric Co	1152 Cleveland St, Clearwater, Fla	446-3119
Mo	Sprague Electric Co	3910 Lindell Blvd. St. Louis 8	JE5-7239
Neb	Sprague Electric Co	3603 Lemmon Ave. Dallas 19, Tex	LA1-9971
Nev	W J Purdy Co	312 7th St, SF, Cal	UN3-3300
NH	Sprague Electric Co	313 Washington St. Newton 58, Mass	DE2-2900
NJ	Sprague Electric Co	545 Cooper St, Camden 2	WO5-1776
NJ	Sprague Electric Co	50 E. 41st St, NY 17, NY	OR9-1195
NY	Sprague Electric Co	50 E. 41st St, NY 17	OR9-1195
NY	Sprague Electric Co	97 Marshall St, N. Adams, Mass	MO3-5311
NC	Sprague Electric Co	928 Burke St, Winston-Salem	722-5151
ND	H M Richardson & Co	9 E 22nd St, Minneapolis 4, Minn	FE6-4078
Ohio	Sprague Electric Co	24 N. Main St, Chagrin Falls	CH7-6488
Ohio	Sprague Electric Co	224 Leo St, Dayton 4	BA3-9187
Okla	Sprague Electric Co	3603 Lemmon Ave, Dallas 19, Texas	LA1-9971
Ore	Sprague Electric Co	12870 Panama St, Los Angeles 66, Calif	EX8-2791
Pa	Sprague Electric Co	545 Cooper St, Camden 2, NJ	Phila WA5-3066
RI	Sprague Elec. Co	313 Wash St, Newton 58, Mass	DE2-2900
SC	Sprague Elec Co	928 Burke St, Winston-Salem, NC	722-5151
SD	H M Richardson & Co	9 E. 22nd St, Mpls. 4, Minn	FE6-4078
Tenn	Sprague Elec. Co	224 Leo St. Dayton 4, Ohio	BA3-9187
Tex	Sprague Elec. Co	3603 Lemmon Ave. Dallas 19	LA1-9971
Utah	Ronald G Bowen Inc	463 E. 3rd S. Salt Lake City 11	EM3-4528
Vt	Sprague Elec. Co	313 Wash St, Newton 58, Mass	DE2-2900
Va	Sprague Elec. Co	724 9th St, NW Wash 1, DC	ME8-3791

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Wash	Sprague Elec. Co	12870 Panama St. LA 6, Cal	EX8-2791
W Va	Sprague Elec. Co	724 9th St. NW, Wash 1, DC	ME8-3791
Wis	Sprague Elec. Co	5242 W. Montrose Ave. Chicago 34, Ill	MU5-6400
Wyo	Ronald G Bowen Inc	463 E 3rd S. Salt Lake City 11, Utah	EM3-4528
	DYNAMEANS INC	**4620 Ethele Ave. Sherman Oaks, Cal**	**ST8-7046**
	L Winkler #4 A 280-895-1150-1910		
	DYNAMIC AIR ENGINEERING INC	**7412 Mede Ave, Los Angeles 1, Cal**	**LU8-3292**
	105		
	DYNAMIC CONTROLS CO	**2225 Mass Ave, Cambridge 40, Mass**	**TR6-3700**
	J Gene #4 *12 B 338-895-1340		
	DYNAMIC GEAR CO. INC	**175 Dixon Ave. Amityville, NY**	**AM4-4788**
	D Stevenson #3 *80 E 295-895		
Ala	Wm M Jones Co	1437 Kenilworth Dr, Atlanta 10, Ga	
Ariz	W E Zimmerman Co	407 N. Maple Dr, Beverly Hills, Cal	
Cal	W E Zimmerman Co	407 N. Maple Dr, Beverly Hills, Cal	
Cal	W E Zimmerman Co	201 Town & Country Village, Palo Alto, Cal	
Colo	Inland Associates	1480 Hoyt St, Lakewood, Colo	
Del	Wm M Jones Co	1107 Echo Ct, N., Towson 4, Md	
DC	Wm M Jones Co	1107 Echo Ct, N., Towson 4, Md	
Fla	Wm M Jones Co. Inc	3402 W. Harvard Ave. Orlando, Fla	GA4-6288
Ga	Wm M Jones Co	1437 Kenilworth Dr, Atlanta 10, Ga	
Ill	Karl D Engle Co., Inc	4724 N. Sheridan Rd, Chicago 40, Ill	
Ind	John B Anderson	209 W. Fifth Ave, Columbus 1, Ohio	
Iowa	Inland Associates	6047 Howe Dr, Mission, Kan	
Kan	Inland Associates	6047 Howe Dr, Mission, Kansas	
La	Lawrence Sales Co	P.O. Box 13026, Dallas, Tex	
Me	Russell Bird Co	P.O.Box 724, Abington, Mass	
Md	Wm M Jones Co	1107 Echo Ct, N., Towson 4, Md	
Mass	Russell Bird Co	P.O. Box 724, Abington, Mass	
Mich	Frank Villiers	7108 Parkway, Dearborn 6, Mich	
Minn	Fred Peterson Co	2431 Hennepin Ave, Minneapolis, Minn	
Neb	Inland Associates	6047 Howe Dr, Mission, Kan	
NH	Russell Bird Co	P.O.Box 724, Abington, Mass	
NM	Lawrence Sales Co	P.O. Box 13026, Dallas, Tex	
NY	Ford Myers	52 Gorsline St, Rochester, NY	
NC	W M Jones Co	1107 Echo Ct, N., Towson 4, Md	
Ohio	John B Anderson	209 W. Fifth Ave, Columbus, Ohio	
Okla	Lawrence Sales Co	P.O. Box 13026, Dallas, Tex	
Pa	John B Anderson Co	101 Investment Bldg, Pittsburgh 22, Pa	
RI	Russell Bird Co	P.O. Box 724, Abington, Mass	
SC	Wm M Jones Co	1107 Echo Ct, N., Towson 4, Md	
Tex	Lawrence Sales Co	P.O. Box 13026, Dallas, Tex	
Vt	Russell Bird Co	P.O. Box 724, Abington, Mass	
Va	Wm M Jones Co	1107 Echo Ct, N., Towson, Md	
Wash	Wm M Jones Co	1107 Echo Ct, N., Towson, Md	
W. Va	Wm M Jones Co	1107 Echo Ct, N., Towson, Md	
Wisc	Fred Peterson Co	2431 Hennepin Ave, Minneapolis, Minn	
For	Sprague Elec Co Overseas Opns	N Adams, Mass	MO4-9808
•	**DYNAMIC INSTRUMENT CORP**	**59 New York Ave, Westbury, NY**	**ED3-1600**
	145-310		
Ala	W E Wolcott Co	Box 1523, Winter Park, Fla	MI7-3498
Cal	Electro-Mechanical Instruments	4976 Eagle Rock Blvd, Los Angeles 41	CL4-2841
Colo	Automatic General Electronic Sales	6550-B Troost Ave, Kansas City, Mo	DE3-8206
Conn	Electrical Mfrs Service	265 Church St, New Haven, Conn	UN5-9104
Del	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
DC	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Fla	W E Wolcott Co	Box 1523, Winter Park, Fla	MI7-3498
Ga	W E Wolcott Co	Box 1523, Winter Park, Fla	MI7-3498
Ind	Forrest C Valentine Inc	511 Ft. Wayne Bank Bldg, Ft. Wayne, Ind	AN8122
Iowa	Automatic Gen Electronic Sales Inc	6550-B Troost Ave, Kansas City 31, Mo	DE3-8206
Kan	Automatic Gen Electronic Sales Inc	6550-B Troost Ave, Kansas City 31, Mo	DE3-8206
Ky	Forrest C Valentine Inc	511 Ft. Wayne Bank Bldg, Ft. Wayne, Ind	AN8122
Me	Electrical Mfrs Service	680 Main St, Waltham, Mass	TW3-0100
Md	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Mass	Electrical Mfrs Service	680 Main St, Waltham, Mass	TW3-0100
Mich	L H Dickerman Co	18450 Livernois Ave, Detroit 21, Mich	UN4-4376
Minn	Fred Peterson Co	2431 Hennepin Ave, Minneapolis, Minn	FR7-3025
Miss	W E Wolcott Co	Box 1523, Winter Park, Fla	MI7-3498
Mo	Automatic Gen Electronic Sales	3303 Kathryn Dr, St. Louis, Mo	HA8-2904
Mo	Automatic Gen Electronic Sales	6550-B Troost Ave, Kansas City, Mo	DE3-8206
Mont	Jas J Backer Co	221 W. Galer St, Seattle 99, Wash	AD6470
Neb	Automatic Gen Electronic Sales	6550-B Troost Ave, Kansas City, Mo	DE3-8206
NH	Electrical Mfrs Service	680 Main St, Waltham, Mass	TW3-0100
NJ	Electrical Mfrs Service	18 Yale St, Nutley 10, NJ	NO7-2541
NM	Automatic Gen Electronic Sales	3824 Mockingbird Ln, Dallas, Tex	LA1-7976
NY	Electrical Mfrs Service	105 Hillside Ave, Williston Park, NY	PI2-1616
NC	W E Wolcott Co	Box 523, Winter Park, Fla	MI7-3498
Ohio	Forrest C Valentine Inc	511 Ft. Wayne Bank Bldg. Ft. Wayne, Ind	AN8122
Okla	Automatic Gen Electronic Sales	6550-B Troost Ave, Kansas City 31, Mo	DE3-8206
Ore	Jas J Backer Co	221 W. Galer St, Seattle 99, Wash	AD6470
Pa	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
RI	Electrical Mfrs Service	680 Main St, Waltham, Mass	TW3-0100
SC	W E Wolcott Co	Box 1523, Winter Park, Fla	MI7-3498
Tenn	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	MI7-3498
Tex	Automatic General Electronic Sales	3824 Mockingbird Ln, Dallas, Tex	LA1-7976
Vt	Electrical Manufacturers Service	680 Main St, Waltham, Mass	TW3-0100
Va	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Wash	Jas J Backer Co	221 W. Galer St, Seattle 99, Wash	AD6470
W. Va	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Wisc	Fred Peterson Co	2431 Hennepin Ave, Minneapolis, Minn	FR7-3025
Foreign	E K Greenhow	89 Robin Hood Ln, Birmingham, England	
	DYNAMICS INSTRUMENTATION CO	**583 Monterey Pass Rd. Monterey Park, Cal**	**CU3-7773**
	O Strickland #1 *42 338-670-895-1340		
Ala	Astro-Tec	912 Bob Wallace Ave. Huntsville	JE9-7981
Alas	Burt C Porter Co	1209 S Poplar Pl. Seattle 44, Wash	EA3-8330
Ariz	F Y Gates Co	200 S. Main St. Salt Lake City 1, Utah	
Ark	N S Brown Assoc	5852 Boca Raton Dr. Dallas, Tex	EM3-3698
Cal	J T Hill Co	420 S Pine St. San Gabriel	CU3-6555
Colo	F Y Gates Co	3295 S Bannock St. Englewood	SU1-8566
Conn	Components Sales Corp	218 E Hartsdale Ave. Hartsdale, NY	SC5-1050
Del	C E Snow Co	8218 Wis. Ave. Bethesda, Md	OL4-1767
DC	C E Snow Co	8218 Wisconsin Ave. Bethesda, Md	OL4-1767
Haw	J T Hill Co	420 S Pine St. San Gabriel, Cal	CU3-6555
Idaho	Burt C Porter Co	1209 Poplar Pl. Seattle 44, Wash	EA3-8330
Kan	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30, Tex	EM3-3698
Me	Components Sales Corp	218 E Hartsdale Ave. Hartsdale, NY	SC5-1050
Md	C E Snow Co	8218 Wisconsin Ave. Bethesda	OL4-1767
Mass	Components Sales Corp	218 E Hartsdale Ave. Hartsdale, NY	SC5-1050
Mich	M P Odell Co	26614 Center Ridge Rd. Westlake, Ohio	TR1-8000
Minn	Pat Lind Electronics	9781 Western Ave. Circle Pines, Minn	SU4-3827
Mo	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30, Tex	EM3-3698
Mont	F Y Gates Co	200 S Main St. Salt Lake City, Utah	EL9-1101
Nev	J T Hill Co	1682 Laurel St. San Carlos, Cal	LY3-7693
NH	Component Sales Corp	218 E Hartsdale Ave. Hartsdale, NY	SC5-1050
NJ	Component Sales Corp	218 E Hartsdale Ave. Hartsdale, NY	SC5-1050
NJ	C E Snow Co	919 E Phil-Ellena St. Philadelphia, Pa	LI8-0843
NM	F Y Gates Co	122 Harvard Dr, SW, Albuquerque	CH3-8010
NY	Components Sales Corp	218 E Hartsdale Ave. Hartsdale	SC5-1050
NC	Astro-Tec	912 Bob Wallace Ave. Huntsville, Ala	JE9-7981
ND	Pat Lind Electronics	9781 Western Ave. Circle Pine, Minn	SU4-3827
Ohio	M P Odell Co	26614 Center Ridge Rd. Westlake	TR1-8000
Okla	N S Brown Assoc	5852 Boca Raton Dr. SE. Dallas 39, Tex	EM3-3698
Ore	Burt C Porter Co	Box 7854, Portland 12	AT4-1718
Pa	C E Snow Co	919 E Phil-Ellena St. Philadelphia	LI8-0843
RI	Components Sales Corp	218 E Hartsdale Ave. Hartsdale, NY	SC5-1050
SD	Pat Lind Electronics	9781 Western Ave. Circle Pines, Minn	SU4-3827
Tex	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30	EM3-3698
Utah	F Y Gates Co	200 S Main St. Salt Lake City	EL9-1101
Vt	Components Sales Co	218 E Hartsdale Ave. Hartsdale, NY	SC5-1050
Va	C E Snow Co	8218 Wisconsin Ave. Bethesda, Md	OL4-1767
Wash	Burt C Porter Co	1209 Poplar Pl. Seattle 44	EA3-8330
Wis	Pat Lind Electronics	9781 Western Ave. Circle Pines, Minn	SU4-3827
Wyo	F Y Gates Co	3295 S Bannock St. Englewood, Colo	SU1-8566
	DYNAMICS RESEARCH CORP	**38 Montvale Ave. Stoneham, Mass**	**438-3900**
	M Douglas #25 *50 D 338-775-780-895-1850		
Ark	N S Brown Assoc	5852 Boca Raton Dr. Dallas, Tex	EM3-3698
Conn	Charles J Harvi	Dedham St. Dover, Mass	OL5-1990
Me	Charles J Harvi	Dedham St. Dover, Mass	OL5-1990
Mass	Charles J Harvi	Dedham St. Dover	OL5-1990
NH	Charles J Harvi	Dedham St. Dover, Mass	OL5-1990
NJ	Rever Assoc	600 Old Country Rd. Garden City, NY	PI1-3811
NY	Rever Assoc	600 Old Country Rd. Garden City, NY	PI1-3811
Okla	N S Brown Assoc	5852 Boca Raton Dr. Dallas, Tex	EM3-3698
RI	Charles J Harvi	Dedham St. Dover, Mass	OL5-1990
Vt	Charles J Harvi	Dedham St. Dover, Mass	OL5-1990
Wis	Eder & Assoc	3905 N Downer Ave. Milwaukee	WO4-3950
	DYNATRAN ELECTRONICS CORP	**178 Herricks Rd, Mineola, NY**	**PI1-4141**
	J Coleman #2 *11 A 895		
Cal	G H Vaughan Co	2366 E Foothill Blvd, Pasadena, Cal	SY5-4420
Cal	G H Vaughan Co	P.O. Box 1253, Palo Alto, Cal	DA1-1347
Conn	Burlingame Associates	510 Fulton Ave, Mt. Vernon, NY	MO4-7530
DC	Burlingame Associates	8218 Wisconsin Ave, Washington, DC	OL4-4400
Fla	DuBoy Assoc	610 N OrangeAve, Orlando, Fla	CH1-1604
Kan	Technical Sales Co	4025 E Indianapolis, Wichita	MU2-8730
Mass	Burlingame Associates	974 Main St, Waltham, Mass	TW4-1955
Mo	Technical Sales Co	4717 Home St. Kansas City	JA3-0227
NJ	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
NY	Burlingame Associates	University Bldg, Syracuse, NY	GR4-7405
NY	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
Okla	John A Green Co	P.O. Box 911, Tulsa 1, Okla	RI2-4657
Pa	Burlingame Associates	222 Long Ln, Upper Darby, Pa	[illegible]
Tex	John A Green Co	7118 Envoy Ct, Dallas 7, Tex	FL1-9947
Tex	John A Green Co	3400 Montrose St, Houston 6, Tex	JA6-2959
Wash	Ray Johnston Co	2011 E 49th St, Seattle	LA4-5170
For	Dage G B Ltd	Harmondsworth, Rickmansworth, Herts, Eng	
For	Dage Corp. A B	Stockholm, Sweden	
For	Dage Elektronic, GMBH	Seldorf 82, Dusseldorf, W Ger	
For	Dage Corp	219 E 44th St, NYC 17, NY	MU2-6755
	DYNEX INDUSTRIES INC	**170 Eileen Way, Syosset, NY**	**WA1-2200**
	755-1165-1550-1735		
Ariz	Martin & Ozier	213 S. Hawthorne Blvd, Hawthorne, Cal	
Ark	ACSI Engineering Co	P.O. Box 35573, Dallas 35, Tex	
Cal	Martin & Ozier	213 S. Hawthorne Blvd, Hawthorne, Cal	
Colo	Paul P Robbins & Associates	7021 Zuni St, Denver, Colo	
Conn	A T Clarke	P.O. Box 143, Greenfield, NH	
Del	Wm Miller	445 Eastgate Rd, Ridgewood, NJ	
DC	Wm Miller	445 Eastgate Rd, Ridgewood, NJ	
Idaho	Paul P Robbins & Associates	7021 Zuni St, Denver, Colo	
Ill	G R Carrier Co., Inc	10340 S. Western Ave, Chicago, Ill	
Ind	Aeroelectronics Inc	405 Grant St, Fairborn, Ohio	
Iowa	G R Carrier Co., Inc	10340 S. Western Ave, Chicago, Ill	
Kan	ACSI Engineering Co	P.O. Box 35573, Dallas 35, Tex	
La	ACSI Engineering Co	P.O. Box 35573, Dallas 35, Tex	
Me	A T Clarke	P.O. Box 143, Greenfield, NH	
Md	Wm Miller	445 Eastgate Rd, Ridgewood, NJ	
Mass	A T Clarke	P.O. Box 143, Greenfield, NH	
Mich	C H Rohler	P.O. Box A-888, Grand Rapids, Mich	
Minn	G R Carrier Co., Inc	10340 S. Western Ave, Chicago, Ill	
Mo	ACSI Engineering Co	P.O. Box 35573, Dallas 35, Tex	
Mont	Paul P Robbins & Associates	7021 Zuni St, Denver, Colo	
NH	A T Clarke	P.O. Box 143, Greenfield, NH	
NJ	Wm Miller	445 Eastgate Rd, Ridgewood, NJ	
Ohio	Aeroelectronics Inc	405 Grant St, Fairborn, Ohio	
Okla	ACSI Engineering Co	P.O. Box 35573, Dallas 35, Tex	
Pa	Charles C Cooper	112 Oakwood Rd, Canonsburg, Pa	
Pa	Aeroelectronics Inc	405 Grant St, Fairborn, Ohio	
Pa	Wm Miller	445 Eastgate Rd, Ridgewood, NJ	
RI	A T Clarke	P.O. Box 143, Greenfield, NH	
Tex	ACSI Engineering Co	P.O. Box 35573, Dallas 35, Tex	
Utah	Paul P Robbins Associates	7021 Zuni St, Denver, Colo	
Vt	A T Clarke	P.O. Box 143, Greenfield, NH	
Va	Wm Miller	445 Eastgate Rd, Ridgewood, NJ	
W. Va	Charles C Cooper	112 Oakwood Rd, Canonsburg, Pa	
Wyo	Paul P Robbins	7021 Zuni St, Denver, Colo	
	DYTRONICS CO	**Box 3676, Columbus 14, Ohio**	**TU5-3303**
	K Gregersen 25-670-895-1585		
Ala	Earley Dynamics	1218 E. Knollwood St, Tampa 4, Fla	31-4071
Cal	G H Vaughan Co	2366 E. Foothill Blvd, Pasadena, Cal	SY5-4420
Cal	G H Vaughan Co	P.O. Box 1253, Palo Alto, Cal	DA1-1347
Conn	Associated Electronics Inc	525 Pleasant St, Worcester 2, Mass	PL3-8187
Del	Tyler Griffin Co	32 S. Fairfield Rd, Devon, Pa	MU8-4821
DC	Tyler Griffin Co	32 S. Fairfield Rd, Devon, Pa	MU8-4821
Fla	Earley Dynamics	1218 E. Knollwood St, Tampa 4, Fla	31-4071
Ga	Earley Dynamics	1218 E. Knollwood St, Tampa 4, Fla	31-4071
Ky	Ohio Instrument Co., The	7316 Churchill Dr, Dayton, Ohio	CH4-2744
Me	Associated Electronics Inc	525 Pleasant St, Worcester 2, Mass	PL3-8187
Md	Tyler Griffin Co	32 S. Fairfield Rd, Devon, Pa	MU8-4821
Mass	Associated Electronics Inc	525 Pleasant St, Worcester 2, Mass	PL3-8187
Mich	Ohio Instrument Co	7316 Winston Churchill Dr. Dayton, Ohio	CH4-2744
NH	Associated Electronics	525 Pleasant St, Worcester 2, Mass	PL3-8187
NJ	Herbert Shprentz Co	126 Deertrack Ln. Irvington, NY	LY1-7970
NY	Associated Electronics Inc	525 Pleasant St. Worcester 2, Mass	PL3-8187
NY	Herbert Shprentz Co	126 Deertrack Ln. Irvington	LY1-7970
Ohio	Ohio Instrument Co., The	7316 Churchill Dr, Dayton 32, Ohio	CH4-2744
Pa	Ohio Instrument Co., The	7316 Churchill Dr, Dayton, Ohio	CH4-2744
Pa	Tyler Griffin Co	32 S. Fairfield Rd, Devon, Pa	MU8-4821
RI	Associated Electronics Inc	525 Pleasant St, Worcester 2, Mass	PL3-8187
Vt	Associated Electronics Inc	525 Pleasant St, Worcester 2, Mass	PL3-8187
Va	Tyler Griffin Co	32 S. Fairfield Rd, Devon, Pa	MU814821
W. Va	Ohio Instrument Co., The	7316 Churchill Dr, Dayton, Ohio	CH4-2744
Can	Allan Crawford Assoc. Ltd	Box 214, Willowdale, Ont	BA5-7391
	DZUS FASTENER CO., INC	**125 Union St, West Islip, NY**	**MO9-0494**
	L Acker #3 *500 645		
	ECM CORP	**8160 Orion Ave, Van Nuys, Cal**	**ST2-9901**
	280-435-1785		
	E-H RESEARCH LABS INC	**163 Adeline St, Oakland 20, Cal**	**TE4-3030**
	W Jordan #6 *30 E 338-895		
Ala	Gentry Assoc, Inc	1851 Oak Ln, Orlando, Fla	GA4-0730
Ariz	V T Rupp Co	3445 5th Ave. San Diego, Cal	CY8-9835
Ark	Dannemiller Smith Inc	6218-B Westheimer Rd, Houston 27, Tex	HO5-8347
Cal	V T Rupp Co	317 Parkman Ave. LA 26	DU7-8224
Cal	V T Rupp Co	1182 Los Altos Ave, Los Altos	WH8-1483
Cal	V T Rupp Co	3445 5th Ave. San Diego	CY8-9835
Conn	Instrument Associates	734 Asylum Ave, Hartford, Conn	CH7-1165
Del	Gawler Knoop Co	178 Eagle Rock Ave, Roseland, NJ	DI4-2997
DC	Gawler Knoop Co	8732 Flower Ave, Silver Spring, Md	JU5-7550
Fla	Gentry Assoc, Inc	1851 Oak Ln, Orlando	GA4-0730
Ga	Gentry Assoc, Inc	1851 Oak Ln, Orlando, Fla	GA4-0730
Idaho	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Ill	Pivan Engineering Co	3542 Peterson Ave, Chicago, Ill	KE9-4838
Ind	Pivan Engineering Co	6055 N. College, Indianapolis, Ind	CL3-0444
Iowa	Pivan Engineering Co	3542 Peterson Ave, Chicago, Ill	KE9-4838
La	Dannemiller Smith Inc	6218-B Westheimer Rd, Houston 27, Tex	HO5-8347
Me	Instrument Associates	30 Park Ave, Arlington, Mass	MI8-2922
Md	Gawler Knoop Co	8732 Flower Ave, Silver Spring, Md	JU5-7550
Mass	Instrument Associates	30 Park Ave, Arlington, Mass	MI8-2922
Mich	Tiby Engineering Co	1822 James Couzens Hwy, Detroit 35	UN4-9299
Minn	Pat Lind Electronics Co	9781 Western Ave, Circle Pines, Minn	SU4-3827
Miss	Gentry Assoc, Inc	1851 Oak Ln, Orlando, Fla	GA4-0730
Mont	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Nev	V T Rupp Co	1182 Los Altos Ave. Los Altos, Cal	WH8-1483
Nev	V T Rupp Co	317 Parkman Ave. Los Angeles, Cal	DU7-8224
NH	Instrument Associates	30 Park Ave, Arlington, Mass	MI8-2922
NJ	Gawler Knoop Co	178 Eagle Rock Ave, Roseland, NJ	DI4-2997
NM	V T Rupp Co	1437 San Mateo Blvd, NE, Albuquerque	AL6-0798
NY	SBM Associates	9 Highland Ave, Albany 5, NY	HE8-5381
NY	Gawler Knoop Co	178 Eagle Rock Ave, Roseland, NJ	DI4-2997
NC	M J McDonald Co	Whippoorwill Dr. Pfafftown	WA4-2182
ND	Pat Lind Electronics Co	9781 Western Ave, Circle Pines, Minn	SU4-3827
Ohio	Tiby Engineering Co	2245 Warrensville Center Rd, Cleveland	ER1-5335
Okla	Dannemiller Smith Inc	6218-B Westheimer Rd, Houston 27, Tex	HO5-8347
Ore	Burt C Porter Co	Box 7854, Portland 12, Ore	AT4-1718
Pa	Gawler Knoop Co	835 Glenside Ave, Wyncote, Pa	TU4-8805
Pa	Tiby Engineering Co	2245 Warrensville Ctr, Cleveland, Ohio	ER1-5335
RI	Instrument Associates	734 Asylum Ave, Hartford, Conn	CH7-1165
SC	M J McDonald Co	Whippoorwill Dr. Pfafftown, NC	WA4-2182
SD	Pat Lind Electronics Co	9781 Western Ave, Circle Pines, Minn	SU4-3827
Tenn	M J McDonald Co	Whippoorwill Dr. Pfafftown, NC	WA4-2182
Tex	Dannemiller Smith Inc	6218-B Westheimer Rd, Houston 27, Tex	HO5-8347
Vt	Instrument Associates	734 Asylum Ave, Hartford, Conn	CH7-1165
Va	Gawler Knoop Co	8732 Flower Ave, Silver Spring, Md	JU5-7550
Wash	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
W.Va	Tiby Engineering Co	2245 Warrensville Center, Cleveland	ER1-5335
Wisc	Pivan Engineering Co	3542 Peterson Ave, Chicago, Ill	
Wisc	Pat Lind Electronics Co	9781 Western Ave, Circle Pines, Minn	SU4-3827
Canada	Allan Crawford Associates	Box 214, Willowdale, Ontario, Canada	BA5-7391
For	Toyo Trading Co Ltd	Box 991, Central Tokyo, Jap	24-5276
Foreign	Silverstar Ltd	21 Via Visconti Modrone, Milan, Italy	792
Foreign	Livingston Laboratories	Retcar St, London N. 19, England	ARC251
Foreign	Gesellschaft fur Nu & Electronik	111 Dachauerstrasse, Munich, W. Germany	55[illegible]
	EIR CORP	**5177 Overland Ave, Culver City, Cal**	**TE0-7601**
	220-280-320-338-585-895-1330-1340-1455-1460-1475-1645-1855		
	E & M LABS	**15145 Califa St. Van Nuys, Cal**	**ST1-1484**
	E Spriaz #5 *11 50-500-670-1135-1145		
Ariz	Westron	7407 Melrose Ave, LA 46, Cal	WE3-7276
Ark	Texas Avionics Co	4515 Prentice St. Dallas 6, Tex	EM8-3566
Cal	Westron	7407 Melrose Ave. LA 46	WE3-7276
Del	C E Snow Co	613 Cheltenham Ave, Phila 26, Pa	LI8-8043
DC	C E Snow Co	613 Cheltenham Ave, Phila 26, Pa	LI8-8043
Ill	William T McGary	6635 Delmar Blvd. St Louis 5, Mo	PA5-6430
Kan	William T McGary	6635 Delmar Blvd. St Louis 5, Mo	PA5-6430
La	Texas Avionics Co	4515 Prentice St. Dallas 6, Tex	EM8-3566
Md	C E Snow Co	613 Cheltenham Ave. Phila 26, Pa	LI8-8043
Mo	William T McGary	6635 Delmar Blvd. St Louis 5	PA5-6430
Neb	William T McGary	6635 Delmar Blvd. St Louis 5, Mo	PA5-6430
NJ	C E Snow Co	613 Cheltenham Ave, Phila 26, Pa	LI8-8043
NJ	Central Assoc	44 N Dean St. Englewood	LO8-9808
NY	Tesco Assoc	114 Miles Ave, Syracuse 10	HO1-4533
NY	Central Assoc	44 N Dean St. Englewood, NJ	PY6-2877
Okla	Texas Avionics Co	4515 Prentice St. Dallas 6, Tex	EM8-3566

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Pa	C E [illegible] Co	[illegible] Chelten[illegible] Ave. Phila [illegible]	LI-[illegible]
Tex	Texas Avionics Co	[illegible]	EM[illegible]
Va	C E [illegible] Co	[illegible] Chelten[illegible] Ave. Phila 35, Pa	LI-[illegible]
	EMI COSSOR ELECTRONICS LTD	**Box 525, Dartmouth, Nova Scotia**	**466-7491**
	W Lindow #25 *490 200-235-250-325-320-340-360-365-810-885-895-910-1015-1135-1180-1235-1265-1270-1370-1425-1435-1450-1610-1655-1660-1675-1750-1760-1845-1850-1870-1880-1910-1915-1995		
NY	[illegible] Electron Tube Corp	[illegible] Ave. [illegible], NY	ED3-6650
Canada	EMI-Cossor Electronics Ltd	[illegible] MacKay St. Montreal, Canada	VI2-7955
Canada	EMI-Cossor Electronics Ltd	[illegible] Bathurst St. Toronto, Canada	RU1-2319
	EMI/US LTD	**1750 N. Vine St. LA 28, Cal**	**HO2-4909**
	H Hoffman #4 *20 25-338-895-1135-1515-1520-1880		
Cal	White & Co	[illegible] Ave. Palo Alto	DA1-3350
Cal	[illegible] Co	[illegible] Robertson Blvd. Culver City	VE6-5272
Fla	W E [illegible] Co	Box 15/3, Winter Park	MI7-3498
Ill	Central Eng. Sales Co	[illegible] N. [illegible] Ave. Chicago 39	TU9-7686
Mass	Addie[illegible] Corp	[illegible] Centre St. W. Roxbury	FA3-7940
NM	Ed G Miller Jr Co	[illegible] Cagua Dr. NE, Albuquerque	AL6-1585
NY	Martin P Andrews Inc	Fayetteville	NE7-6405
Ohio	Charles [illegible] Assoc	Box 244, Deerfield, Ill	
	EMP ELECTRONICS RES LABS INC	**3131 N. 29th Ave, Phoenix, Ariz**	**AL8-2462**
	S Peabody #5 *34 C 320-895-915-1340-1475-1855		
Ariz	Circle Sales Co	3131 N 29th Ave. Phoenix	AL8-3724
Conn	L R Provencher & Assoc	Lowell Rd. Westford, Mass	MY2-8779
Ind	Rossco Inc	Box [illegible], St Louis 21, Mo	PE1-3949
Kan	Rossco, Inc	Box [illegible], St Louis 21, Mo	PE1-3949
Me	L R Provencher & Assoc	Lowell Rd. Westford, Mass	MY2-8779
Mass	L R Provencher & Assoc	Lowell Rd. Westford, Mass	MY2-8779
Minn	M B Peabody Sales	[illegible] Lyndale Ave. N, Minneapolis 12	JA2-8249
Mo	Rossco, Inc	Box [illegible], St Louis 21	PE1-3949
NH	L R Provencher & Assoc	Lowell Rd. Westford, Mass	MY2-8779
NM	Circle Sales, Inc	3131 N 29th Ave. Phoenix 17, Ariz	AL8-3724
RI	L R Provencher & Assoc	Lowell Rd. Westford, Mass	MY2-8779
Tex	Rossco Inc	Box 13[illegible], Fort Worth	AT4-3204
Vt	L R Provencher & Assoc	Lowell Rd. Westford, Mass	MY2-8779
Wis	M B Peabody Sales	[illegible] Lyndale Ave. N, Minneapolis, Minn	JA2-8249
	E O ELECTRONICS INC	**Mountain Lakes, NJ**	**DE4-8727**
	E Osterlund #1 *6 B 895		
	EP ELECTRIC PRODUCTS CO LTD	**9720 Waverly St, Montreal 12, Que, Can**	**DU9-8267**
	T Sakellarios #4 *300 40-255-320-365-475-895-915-1045-1135-1340-1420-1445-1455-1855		
	ERA PACIFIC INC	**1760 Stanford St. Santa Monica, Cal**	**EX3-3491**
	P Brennan #24 *200 E 55-255-275-320-338-365-670-895-915-1350-1420-1455-1655-1855-1915		
Ala	Col-ins Co	[illegible] Precision Dr. Orlando, Fla	CH1-1501
Cal	TECH-SER INC	64[illegible] [illegible] St. E Palo Alto	DA5-3251
Cal	TECH-SER INC	[illegible], San Diego 6	AC7-1121
Cal	Tech-Ser Inc	[illegible] Blvd. Los Angeles, Cal	DJ5-1[illegible]
Conn	Technical Instruments Inc	[illegible] Main St. Bridgeport, Conn	FO3-4502
Fla	Col-ins Co	[illegible] Precision Dr. Orlando, Fla	CH1-1501
Ga	Col-ins Co	[illegible] Precision Dr. Orlando, Fla	CH1-1501
Mass	Technical Instruments Inc	[illegible] St. Reading, Mass	RE2-[illegible]
Minn	The Heimann Co	[illegible] Hawthorne Ave. Minneapolis, Minn	FE2-5457
Mo	Kay Sales Co	[illegible] Grand Ave. Kansas City 8, Mo	BA1-3900
Tex	Arrow Engineering Co	P.O. Box [illegible], Dallas 14, Tex	TA4-3800
Utah	Missile Accessories Corp	[illegible] E., Salt Lake City, Utah	DA8-0329
Wash	Stanley Enterprises	[illegible] River St. Seattle 8, Wash	PA3-3320
•	**ESC ELECTRONICS CORP**	**534 Bergen Blvd. Palisades Park, NJ**	**WI7-0400**
	R Mottola #15 *200 E 220-450-455-670-1030-1855		
Ala	Gentry Assoc. Inc	1851 Oak Ln. Orlando, Fla	GA4-0730
Ariz	Western Eng. Co	1444 W. Hatcher Rd. Phoenix	WI4-0431
Ark	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30, Tex	EM3-3698
Cal	Shephard-Winters Co	3193 Cahuenga Blvd. Hollywood 28	HO6-2171
Cal	William J Purdy Co	312 7th St. SF 3	UN3-3300
Colo	Western Eng. Co	1515 Cleve. Pl Denver	AM6-2714
Conn	John E Boeing Co. Inc	Box [illegible]51, Branford	ST7-0115
Del	Harry J White Co	121 Covered Bridge Rd. Haddonfield, NJ	HA8-2304
DC	Harry J White Co	204 W. Pa. Ave. Towson 4, Md	VA8-6373
Fla	Gentry Assoc. Inc	1851 Oak Ln. Orlando	GA4-0730
Ga	Gentry Assoc. Inc	1851 Oak Ln. Orlando, Fla	GA4-0730
Ill	Carlson Electronic Sales	6677 N. Northwest Hwy. Chicago 31	SP4-0277
Ind	Carlson Electronic Sales	6677 N. Northwest Hwy. Chicago 31, Ill	SP4-0277
Iowa	Carlson Electronic Sales	6677 N. Northwest Hwy. Chicago 31, Ill	SP4-0277
Kan	Florence & Meyer Inc	406 W. 34th St. KC 11, Mo	LO1-7282
Ky	Callaghan-Bach	2209 Losantiville Rd. Cinc 13, Ohio	RE1-8660
La	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30, Tex	EM3-3698
Me	John E Boeing Co. Inc	Box 235, Lexington 73, Mass	VO2-2500
Md	Harry J White Co	204 W. Pa. Ave. Towson 4, Md	VA8-6373
Mass	John E Boeing Co. Inc	Box 235, Lexington 73	VO2-2500
Mich	McCormick & Pence Co	19666 James Couzens Hwy. Detroit 21	UN2-2571
Minn	Lloyd F Murphy & Assoc. Inc	1940 Hennepin Ave. Mpls 4	FR4-2350
Miss	Gentry Assoc. Inc	1851 Oak Ln. Orlando Fla	GA4-0730
Mo	Florence & Meyer Inc	406 W. 34th St. KC 11	LO1-7282
Neb	Florence & Meyer Inc	406 W. 34th St. KC 11, Mo	LO1-7282
Nev	Shephard-Winters Co	3193 Cahuenga Blvd. Hollywood 28, Cal	HO6-2171
NH	John E Boeing Co. Inc	Box 235, Lexington 73, Mass	VO2-2500
NJ	Components Sales Corp	[illegible] E. Hartsdale Ave. Hartsdale, NY	SC5-1050
NM	Shephard-Winters Co	3193 Cahuenga Blvd. Hollywood 28, Cal	HO6-2171
NY	Components Sales Corp	[illegible] E. Hartsdale Ave. Hartsdale, NY	SC5-1050
NY	Franklin & Andrews Sales Corp	43 [illegible] Rd. Tenafly, NJ	LO9-6800
NC	Waters Associates	2518 Briarwood Dr. Burlington	CA6-7583
Ohio	Callaghan-Bach	2209 Losantiville Rd. Cinc 13	RE1-8660
Okla	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30, Tex	EM3-3698
Pa	Harry J White Co	121 Covered Bridge Rd. Haddonfield, NJ	HA8-2304
RI	John E Boeing Co. Inc	Box 235, Lexington 73, Mass	VO2-2500
SC	Waters Assoc	2518 Briarwood Dr. Burlington, NC	CA6-7583
Tenn	Callaghan-Bach	2209 Losantiville Rd. Cinc 13, Ohio	RE1-8660
Tex	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30	EM3-3698
Vt	John E Boeing Co. Inc	Box 235, Lexington 73, Mass	VO2-2500
Va	Harry J White Co	204 W. Pa. Ave. Towson 4, Md	VA8-6373
Wis	Carlson Electronic Sales	6677 N. Northwest Hwy. Chicago 31, Ill	SP4-0277
Can	Electrodesign Ltd	9124 St. Lawrence Blvd. Montreal 11 P Q	DU9-5914

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	E-T-A PRODUCTS CO OF AMERICA	**6284 N Cicero Ave. Chicago 46, Ill**	**KI5-1553**
	W Helsig 155-1460-1735		
Cal	EUP Inc	Box 40[illegible], Los Angeles 54	DU2-6793
Conn	Henry Lavin Associates Inc	P.O. Box [illegible], Meriden, Conn	BE7-5527
Ind	Floyd E Mentze	723 W Packard Ave. Fort Wayne	KE3171
Mass	Henry Lavin Assoc. Inc	Needham	HI4-3446
Minn	Heimann Co., The	1711 Hawthorne Ave. Minneapolis	FE2-5457
Mo	Heimann Co., The	6[illegible] Agnes, Kansas City 32	AT1-5374
NY	F W Mitscher Co., The	[illegible] Ellicott Square Bldg. Buffalo	TL4-2517
Tex	Southwestern Controls	Box 2[illegible], [illegible] Urbana, Houston 27	MO8-0386
Wis	Heimann Co., The	34[illegible] W Powell Pl. Milwaukee 13	SP1-3813
	ETC INC	**990 E 67th St. Cleveland 3, Ohio**	**HE2-0855**
	A Williams #5 *65 E 345-1780		
Ariz	Electrical Specialty Co	P.O. Box 232, Phoenix	CA7-3601
Cal	Electrical Specialty Co	2[illegible] E 12th St. LA	AN9-9511
Cal	Electrical Specialty Co	158-168 Eleventh St. SF	HE1-8450
Colo	Electrical Specialty Co	2[illegible] Arapahoe St. Denver 5	CH4-4588
Conn	Schutter-Young Co	72 Charter Rd. Rocky Hill	CH7-5434
Fla	Floyd Fennett & Co	Winter Park	
Ga	Floyd Fennett Co	77 Pinehurst Terr. SW, Atlanta 10	PL3-3104
Ill	Frank B Tzuro & Assoc	[illegible] N Rogers Ave. Chicago 46	KE9-4515
Ind	Robert O Whitesell & Assoc	[illegible] E Washington St. Indpls	FL9-5374
Ind	Robert O Whitesell & Assoc	Central Bldg. Fort Wayne	EA3[illegible]
Ky	Robert O Whitesell & Assoc	4[illegible] N 38th St. Louisville	[illegible]P6-2[illegible]24
Mass	Schutter-Young Co	5 Ober St. Beverly	WA2-6121
Mich	Heick & Ralph Assoc	4765 Bellevue Ave. Detroit 7	WA1-2965
Minn	Heimann Co	1711 Hawthorne Ave. Mnpls 3	FE2-5437
Mo	Heimann Co	66[illegible] Agnes, Kansas City 32	JA3-2126
NJ	Electro-Technic Assoc	Newark	
NY	Electro-Technic Assoc	165 W 21st St. New York 11	CH2-1170
NC	Floyd Fennett & Co	Stony Point, Greenwood, SC	GL [illegible]
Ohio	George L Herrick Co	21[illegible] Lorain Ave. Cleveland 26	ED1-9144
Ore	Electrical Specialty Co	1[illegible] NW 25th Ave. Portland 10	CA7-[illegible]
Pa	Electrical Mfgs Service	Phila	
Tex	L R [illegible] Co	[illegible] Comm. St. Dallas 26	RI1-6279
Vt	Schutter-Young Co	Birch Hill, Waterbury	
Wash	Electrical Specialty Co	244 First Ave. S, Seattle 4	MU2-3434
Wis	L B Kinsch Co	3[illegible] N Richards St. Milwaukee 12	UO4-0910
	E-Z-WAY TEMPLATES	**P.O. Box 535, Reseda, Cal**	**DI4-5903**
	W Jonas #1 *1 A 525		
	E Z WAY TOWERS INC	**5901 E. Broadway Tampa, Fla**	**4-2171**
	C Jax *22 45-1135		
Ala	V A McCorvey Co	224[illegible] 3rd St. NW Birmingham	VE6-5769
Alas	W R Lanphear Co	3215 Western Ave. Seattle 1, Wash	AT4-8150
Ariz	G D Sales Company	2119 S. Atlantic Blvd. LA 22, Cal	RA3-3594
Ark	Spivey-Cole Co	754[illegible] [illegible], Houston, Tex	MI9-1221
Cal	G Davis Sales Co	211[illegible] S. Atlantic Blvd. LA	RA3-3594
Conn	H W Persson Assoc	44[illegible] [illegible] St. Oxford	YU7-2075
Del	R Finley	3[illegible] Lincoln Bldg. Ridgewood, NJ	OL2-0088
DC	R Finley	307 Lincoln Bldg. Ridgewood, NJ	OL2-0088
Fla	V A McCorvey Co	708 San Juan Blvd. Orlando	CR7-1866
Ga	V A McCorvey Co	2469 N. Decatur Rd. Decatur	AT636-2502
Haw	G Piety Factors Inc	2030 Home Rule St. Honolulu	837-185
Ill	G McL Cole Co	6514 W. Higgins Rd. Chicago	SP4-3535
Ind	M E Tyson Co	418 E. Berry St. Ft. Wayne	EA7633
Iowa	W E Fry & Co. Inc	406 W 34th St. Kansas City, Mo	JE1-523[illegible]
Kan	W E Fry & Co. Inc	406 W. 34th St. Kansas City, Mo	JE1-523[illegible]
Ky	M E Tyson Co	41[illegible] E Berry St. Ft Wayne, Ind	EA7[illegible]
La	Spivey-Cole Co	Box 12321, Houston, Tex	MI9-1221
Me	H W Persson & Assoc	44[illegible] Main St. Oxford, Mass	YU7-2075
Md	R Finley	307 Lincoln Bldg	OL2-00[illegible]
Mass	H W Persson Assoc	44[illegible] Main St. Oxford	YU7-2075
Mich	Clark-Tetness Inc	1777 W. Lafayette Blvd. Detroit	WO5-2220
Minn	W Engelbretson Co	906 Ottawa Ave. St. Paul 7	CA2-2338
Miss	V A McCorvey Co	2469 N. Decatur Rd. Decatur, Ga	AT636-2502
Mo	W E Fry & Co. Inc	406 W. 34th St. Kansas City	JE1-5236
Mont	W R Lanphear Co	3215 Western Ave. Seattle, Wash	AT4-8150
Neb	W E Fry & Co. Inc	406 W. 34th St. Kansas City, Mo	JE1-5236
Nev	F W [illegible] Co	575 1[illegible] St. San Francisco, Cal	MA1-0722
NH	H W Persson Assoc	44[illegible] [illegible] St. Oxford, Mass	YU7-2075
NJ	R Finley	3[illegible] Lincoln Bldg. Ridgewood	OL2-00[illegible]
NY	R P [illegible] Co	[illegible] D. Rochester	BR1-6322
NY	L Z[illegible] Co	15 N. Central Ave. Hartsdale	OW3-2922
NC	A McCorvey Co	24[illegible] N. Decatur Rd. Decatur, Ga	AT636-2502
ND	W Engelbretson Co	[illegible] Ottawa Ave. St. Paul, Minn	CA2-2338
Ohio	L A Morrow Co	3123 W. 117th St. Cleveland	CL1-5700
Okla	Spivey-Cole Co	Box 12321, Houston, Tex	MI9-1221
Ore	W R Lanphear Co	3215 Western Ave. Seattle, Wash	AT4-8150
Pa	R Finley	307 Lincoln Bldg. Ridgewood, NJ	OL2-0088
RI	H W Persson Assoc	44[illegible] St. Oxford, Mass	YU7-2075
SC	V A McCorvey Co	24[illegible] N. Decatur Rd. Decatur, Ga	AT636-2502
SD	W Engelbretson Co	[illegible] Ottawa Ave. St. Paul, Minn	CA2-2338
Tenn	V A McCorvey Co	24[illegible] N. Decatur Rd. Decatur, Ga	AT636-2502
Tex	Spivey-Cole	Box 1[illegible]321, Houston	MI9-1221
Vt	H W Persson Assoc	44[illegible] Main St. Oxford, Mass	YU7-2075
Va	R Finley	307 Lincoln Bldg. Ridgewood, NJ	OL2-0088
Wash	W R Lanphear Co	3215 Western Ave. Seattle	AT4-8150
W Va	L A Morrow Co	3123 W. 117th St. Cleveland, Ohio	CL1-5700
Wis	G McL Cole Co	6514 W. Higgins Rd. Chicago, Ill	SP4-3535
For	Telesco International Corp., The	171 Madison Ave. New York 16, NY	MU3-9420
	EAGLE ELECTRIC MFG CO., INC	**23-10 Bridge Plaza, S., L I City, NY**	**ST4-0200**
	S Aikin 25-40-160-185-225-345-375-575-685-700-740-770-985-990-1135-1315-1380-1630-1855-1960		
Ala	F E Hopper	6130 S.W. 47 Ave. Miami, Fla	MO7-6946
Alaska	Richard A Harris	11 South St. Boston, Mass	HU2-3890
Ariz	Southwestern Sales Co	6218 N. [illegible], Glendale, Cal	
Ark	J M Taite	Box 2E176, Dallas, Tex	DA7-4765
Cal	Brill Electric	119-123 Kansas St. SF	SU1-7547
Cal	R Fochs	432 Colyton St. LA	MA6-7736
Colo	F E Stabile & Sons	[illegible] Arapahoe St. Denver, Colo	TA5-3[illegible]
Conn	Richard A Harris	11 South St. Boston, Mass	HU2-3890
Del	R Gusby	5[illegible] Rock Glen Dr. Wynnewood, Pa	MI2-8712
DC	R Gusby	5[illegible] Rock Glen Dr. Wynnewood, Pa	MI2-8712
Fla	F E Hopper	6130 S W 47 Ave. Miami, Fla	MO7-6946

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ga	F E Hopper	6130 S.W. 47 Ave. Miami, Fla	MO7-6946
Hawaii	Alfred E Lucas Co	1507 Kapiolani Blvd. Honolulu, Hawaii	
Idaho	M Levin	2[illegible] N.W. 10 Ave. Portland, Ore	CA2-9[illegible]
Ill	A W Hirshman	28[illegible] W. Fullerton Ave. Chicago, Ill	AR4-2[illegible]
Ind	A L Ehlers Co	[illegible] Ave. Indianapolis, Ind	ME2-[illegible]
Iowa	E T Tabor	3240 S. 3[illegible] St. Lincoln, Neb	34420
Kan	R J Kealy Jr	7275 Princeton, University City, Mo	PA7-7579
Ky	D A Stromberg	25[illegible] Hampton Rd. Cleveland, Ohio	ED1-5777
La	J M Taite	Box 2E176, Dallas, Tex	DA7-4765
Me	Richard A Harris	11 South St. Boston, Mass	HU2-3890
Md	R Gusby	507 Rock Glen Dr. Wynnewood, Pa	
Md	C B Miller	66[illegible] N. Gratz St. Philadelphia, Pa	CA4-2[illegible]
Mass	Richard A Harris	11 South St. Boston, Mass	HU2-3890
Mich	Popkin Bros	[illegible] Concord, Detroit, Mich	
Minn	R J Bork	6[illegible] Curfew St. St. Paul, Minn	MI6-7984
Miss	F E Hopper	6130 S.W. 47 Ave. Miami, Fla	MO7-6946
Mo	R J Kealy Jr	7275 Princeton, University City, Mo	PA7-7579
Mont	M Levin	2[illegible] N.W. 10 Ave. Portland, Ore	CA2-9[illegible]
Neb	E T Tabor	3240 S. 3[illegible] St. Lincoln, Neb	34420
NH	Richard A Harris	11 South St. Boston, Mass	HU2-3890
NJ	J Jenkins	21 Devon Dr. Orangeburg, NY	
NM	F E Stabile & Sons	[illegible] Arapahoe St. Denver, Colo	TA5-3[illegible]
NY	J Ludwig	7[illegible] 1[illegible] St. Jamaica, NY	JA6-1[illegible]
NY	C B Miller	66[illegible] N. Gratz St. Philadelphia, Pa	CA4-2[illegible]
NC	B MacFadden	[illegible] W. Whitewood Rd. Richmond, Va	AT2-6[illegible]
ND	R J Bork	6[illegible] Curfew St. St. Paul, Minn	MI6-7984
Ohio	Popkin Bros	[illegible] Concord, Detroit, Mich	
Ohio	D A Stromberg	25[illegible] Hampton Rd. Cleveland, Ohio	ED1-5777
Okla	J M Taite	Box 2E176, Dallas, Tex	DA7-4765
Ore	M Levin	2[illegible] N.W. 10 Ave. Portland, Ore	CA2-9[illegible]
Pa	R Gusby	507 Rock Glen Dr. Wynnewood, Pa	
Pa	C B Miller	66[illegible] N. Gratz St. Philadelphia, Pa	CA4-2[illegible]
RI	Richard A Harris	11 South St. Boston, Mass	HU2-3890
SC	B MacFadden	[illegible] W. Whitewood Rd. Richmond, Va	AT2-6[illegible]
SD	R J Bork	6[illegible] Curfew St. St. Paul, Minn	MI6-7984
Tenn	B MacFadden	[illegible] W. Whitewood Rd. Richmond, Va	AT2-6[illegible]
Tex	J M Taite	Box 2E176, Dallas, Tex	DA7-4765
Utah	Brill Electric	119-123 Kansas St. SF, Cal	SU1-7547
Vt	Richard A Harris	11 South St. Boston, Mass	HU2-3890
Va	B MacFadden	[illegible] W. Whitewood Rd. Richmond, Va	AT2-6[illegible]
Va	R Gusby	507 Rock Glen Dr. Wynnewood, Pa	
Wash	M Levin	2[illegible] N.W. 10 Ave. Portland, Ore	CA2-9[illegible]
W. Va	C B Miller	66[illegible] N. Gratz St. Philadelphia, Pa	CA4-2[illegible]
Wisc	F Snyder	29[illegible] N. [illegible] St. Milwaukee, Wisc	
Wyo	F E Stabile & Sons	[illegible] Arapahoe St. Denver, Colo	TA5-3[illegible]
	EAGLE-PICHER CO	**Dept. EBG, Cincinnati 1, Ohio**	**PA1-7010**
	W Bergner 86500 G 70-315-410-900-1125		
Cal	Eagle-Picher Co	[illegible] Pine Ave. Long Beach 12, Cal	HE5-4821
Ill	Eagle-Picher Co	1 N. La Salle St. Chicago 2, Ill	CE6-8277
Mo	Eagle-Picher Co	[illegible] Home Savings Bldg. K C 6, Mo	BA1-1[illegible]
NY	Eagle-Picher Co	4[illegible] Lexington Ave. New York 17, NY	MU6-4[illegible]
Ohio	Eagle-Picher Co	[illegible] Standard Bldg. Cleveland 13, Ohio	TO1-5424
Pa	Eagle-Picher Co	[illegible] & Arch Sts. Philadelphia 4, Pa	EV2-0[illegible]
Pa	Eagle-Picher Co	[illegible] Oliver Bldg. Pittsburgh 22, Pa	EX1-[illegible]
Tex	Eagle Picher Co	2[illegible] N. Hawkins St. Dallas 21	RI2-2606
	EAGLE SIGNAL CO. DIV. GAMEWELL CO. - E W BLISS CO. SUB.		
		202 20th St. Moline, Ill	**762-5571**
	V Blocker #60 *525 F 360-685-895-1460-1735-1810		
Ala	McConnell Sales & Engineering Co	1661-2[illegible] Ave. S., Birmingham 5, Ala	TR1-[illegible]
Ariz	Hundley Co	3[illegible] Fletcher Dr. Los Angeles 65, Cal	CL5-7111
Cal	Hundley Co	3[illegible] Fletcher Dr. Los Angeles 65, Cal	CL5-7111
Cal	Campbell & George Co	1[illegible] Cortland Ave. San Francisco 10, Cal	[illegible]
Colo	Peterson Co	[illegible] Colorado Blvd. Denver	DE3-5454
Conn	Gibson Engineering Co	1[illegible] Washington St. Hartford 6, Conn	CH7-6[illegible]
Fla	Ward Engineering Co., Inc	[illegible] W. Central Ave. Orlando, Fla	GA2-4[illegible]
Ga	Thomas B Cronin Co	1823 Gordon Rd. S.W., Atlanta, Ga	PL8-5516
Ill	Kimburn Engineering Co	31[illegible] Clarence Ave. Berwyn, Ill	ST8-6[illegible]
Iowa	Donald Corp., The	313 E 7th St. Des Moines	CH3-7623
La	Thompson Eqpt Co	[illegible] Thalia St. New Orleans	MA[illegible]
Md	Harry W Wood & Co., Inc	1[illegible] Light St. Baltimore 2, Md	MU5-4[illegible]
Mass	Gibson Engineering Co	10[illegible] Commonwealth Ave. Boston 15	AS7-6[illegible]
Mich	Ralph D Ernest Associates	12[illegible] Puritan Ave. Detroit 27, Mich	UN1-7311
Minn	R A Lundbeck Co	1[illegible] University Ave. St. Paul, Minn	MI6-4523
Mo	Timer & Eqpt Co	3[illegible] E. 3[illegible] St. Kansas City	WE1-711[illegible]
Mo	Richter Eqpt Co	[illegible] Rexbridge Ct. Berkeley	JA4-4718
NY	Munholl Co	17[illegible] Franklin St. Buffalo 2	TL6-1212
NY	C H Ribble Co	31 DiCarolis Ct. Hackensack, N.J.	DI2-2602
Ohio	Thal Mor Assoc	219 Washington St. Dayton 2	BA6-3481
Ohio	J L Finnegan & Associates	4[illegible] Euclid Ave. Cleveland 3, Ohio	HE1-7477
Okla	C B Anderson Electric Co	712 Oil Capital Bldg. Tulsa 3, Okla	GI7-1123
Ore	Branom & Leeland Instrument Co	[illegible] N.E. Union Ave. Portland 11, Ore	BU5-5205
Pa	Edgar M [illegible] & Co	[illegible] Thomas Blvd. Pittsburgh 8, Pa	EM1-8[illegible]
Pa	W F Kreuger & Co	771 Shelbourne Rd. Upper Darby, Pa	FL2-1125
Tex	Lynn Elliott Co	372[illegible] M Bldg. Houston 2, Tex	CA4-9715
Utah	Kabaum & Co., Inc	4777 S. 1300 E., Salt Lake City 17, Utah	CR7-0459
Wash	Branom & Leeland Instrument Co	2136 Second Ave. Seattle 1, Wash	MA2-7320
Canada	Davis Automatic Controls Ltd	P.O. Box 160, Islington, Ontario, Canada	BE3-3211
Foreign	Rocke International Corp	13 E. 40th St. New York 16, NY	MU9-0200
•	**EASTERN AIR DEVICES INC**	**385 Central Ave, Dover, NH**	**SH2-3330**
	C Parker #35 *400 105-895-1165		
Ariz	Perlmuth Electronics	2[illegible] E. Thomas Rd. Phoenix	AM4-4934
Ark	P J Scanlon Co	2[illegible] Inwood Rd. Dallas 35, Tex	FR1-9991
Cal	James S Heston Co	413 [illegible] St. Redwood City, Cal	EM9-5278
Cal	Perlmuth Electronics	5057 W. Washington Blvd. L A, Cal	WE1-1041
Colo	Fred E Pease Co	4921 E. 3[illegible] Ave. Denver 7, Colo	FR7-2336
Conn	Neil McGrath	Box 36, Dorchester 25, Mass	TA5-0817
Del	J H Electronic Sales Co	Box 6844, Towson 4, Md	VA5-4441
DC	J H Electronic Sales Co	Box 6844, Towson 4, Md	VA5-4441
Fla	W Ben Wimberly Co	532 S. Ft. Harrison Ave. Clearwater, Fla	CL3-7072
Ill	G Mc L Cole Co	6514 W. Higgins Rd. Chicago 31, Ill	SP4-3535
Ind	Callaghan-Bach	2209 Losantiville, Cincinnati, Ohio	RE1-8660
Iowa	Jerry Vinik Mfg Agency	419 3rd St. S.E., Cedar Rapids, Iowa	EM5-0451
Kan	Ross D Selbert & Co	712[illegible] W. Florrisant, St. Louis 20, Mo	CO1-0255
Ky	Callaghan-Bach	2209 Losantiville, Cincinnati, Ohio	RE1-8660
La	P J Scanlon Co	2808 Inwood Rd. Dallas 35, Tex	FR1-9991

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
[illegible]	Neil McGrady	Box 36, Dorchester 25, Mass	TA5-0817
Md	J H Electronic Sales Co	Box 6844, Towson 4, Md	VA5-4441
Mass	Neil McGrady	Box 36, Dorchester 25, Mass	TA5-0817
Mich	R Van River Sales	1842 Newton St. Grand Rapids	GL2-0464
Mich	Henschen & Jensen & Co	2942 W. Grand Blvd, Detroit 2, Mich	TR1-[illegible]
Minn	Jerry Vrink Mfg Agency	419 3rd St, S.E., Cedar Rapids, Iowa	EM6-0451
Mo	Russ D Sebright & Co	7125 W. Florissant, St. Louis 20, Mo	CO1-0355
Nebr	Fred E Pease Co	4921 E. 38th Ave, Denver 7, Colo	FR7-2336
Nev	Penfield Electronics	5057 W. Washington Blvd, L A, Cal	WE1-1041
NH	Neil McGrady	Box 36, Dorchester 25, Mass	TA5-0817
NJ	Comtronics Associates	1551 Franklin Ave, Mineola, NY	PI1-8966
NJ	J H Electronics Sales Co	Box 6844, Towson, Md	VA5-4441
NM	Fred E Pease Co	4921 E. 38th Ave, Denver 7, Colo	FR7-2336
NY	Comtronics Associates	1551 Franklin Ave, Mineola, NY	PI1-8966
NY	H C Johnson Agencies Inc	111 Mt. Hope Ave, Rochester, NY	HA6-1090
NC	J H Electronics Sales Co	Box 6844, Towson, Md	VA5-4441
Ohio	George T Wright & Associates	Box 2950, Cleveland, Ohio	ED1-8656
Ohio	Callaghan-Bach	2209 Losantiville, Cincinnati, Ohio	RE1-8660
Okla	P J Scanlon Co	2608 Inwood Rd, Dallas 35, Tex	FR1-9991
Pa	J H Electronic Sales Co	Box 6844, Towson, Md	VA5-4441
Pa	H C Johnson Agencies Inc	111 Mt. Hope Ave, Rochester, NY	HA6-1090
RI	Neil McGrady	Box 36, Dorchester, Mass	TA5-0817
Tenn	Callaghan-Bach	2209 Losantiville, Cincinnati, Ohio	RE1-8660
Tex	P J Scanlon Co	2608 Inwood Rd, Dallas 35, Tex	FR1-9991
Utah	Fred E Pease	4921 E. 38th Ave, Denver 7, Colo	FR7-2336
Vt	Neil McGrady	Box 36, Dorchester 25, Mass	TA5-0817
Va	J H Electronic Sales Co	Box 6844, Towson, Md	VA5-4441
Wisc	G Mc L Cole Co	6514 W. Higgins Rd, Chicago 31, Ill	SP4-3535
Wyo	Fred E Pease	4921 E. 38th Ave, Denver 7, Colo	FR7-2336
Can	Leland Electric Can. Ltd	50 Crimea St. Guelph, Ontario	TA2-1570
For	Frathom Co	33 W. 42nd St. N.Y. 36, N.Y.	BR9-9422

EASTERN INDUSTRIES DIV. LAB. FOR ELECTRONICS — 100 Skiff St. Hamden 14, Conn — CH8-3841
H Whitaker #30 *350 F 370-445-895-1375-1550-1555-1895-1920

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Southeast Engineers Inc	3636 6th Ave, S., Birmingham 6, Ala	
Cal	Eastern Industries Inc	4203 Spencer St, Torrance, Cal	
Colo	Alta Engineering Co	2650 S. Fox St, Englewood, Colo	
Conn	Mattern-Wright Corp	Box 1896, New Haven, Conn	
Del	Eastern Industries Div	2625 Concord Pike, Wilmington 3	OL8-7271
Ill	Eastern Industries Div	612 N. Michigan Ave. Chicago 11	MO4-8070
Kan	Airight Sales	350 S. Socora Dr, Wichita, Kan	
Ky	Henry M Wood Co	Box 5167, Louisville, Ky	
Mass	Eastern Industries Div	58 N. Main St. Topsfield	TU7-2382
NJ	Eastern Industries Div	Garden State Plaza, Paramus	HU8-8210
Ohio	Henry M Wood Co	Box 248, Worthington, Ohio	
Ohio	Wagner-Green Co	11750 Shaker Blvd, Cleveland 20, Ohio	
Ohio	Henry M Wood Co	320 W. McMillan St, Cincinnati, Ohio	
Ohio	Henry M Wood Co	304 W. 1st Ave, Dayton, Ohio	
Utah	Alta Eng. Co	295 E. 9th S. Salt Lake City 1	
Canada	Enterprise Agencies Limited	5331 Western Ave, Montreal 3, Canada	

EASTERN PRECISION RESISTOR CO — 116-08 Myrtle Ave. Richmond Hill 18, NY — VI9-2575
M Ryoelle 1150-1475

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	J W Marsh Co	4216 W. Jefferson Blvd. LA	RE2-0145
Cal	J W Marsh Co	1486 Bayshore Blvd. SF	JU7-4270
Md	L D Lowery Inc	4508 Annapolis Rd. Bladensburg	UN4-4722
Mass	Edcom	815 Washington St. Newtonville	BO9-9710
Mo	Gordon Fixmon Eng. Co	8160 Stanford Ave. St. Louis 30	PA5-5219
NY	David Lmant	Box 184, Eastwood Sta. Syracuse	HE7-8181
NY	Joseph Sprung Assoc. Inc	254 W. 31st St. NY	LO5-1820
NY	R C Scudder	72 Johnson Ave. Binghamton	
Ohio	Jay Eng. Co	4712 W. 130th, Cleve	
Ohio	Jay Eng. Co	1721 E. 3rd St. Dayton	GL3-2151
Pa	L D Lowery Inc	50 E. Wynnewood Rd. Wynnewood	MI2-9190
Tex	Texport Co	2147 Farrington St. Dallas	RI8-6458

EASTERN REPRODUCTION INC — 1250 Main St, Waltham, Mass — TW3-0555
W Carlson #1 *20 B 280-1305

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Mass	Cirolia. LeBlanc Sales Co., Inc	185 Main St, Waltham 54, Mass	
NY	Savco Inc	E Syracuse	

EASTERN SMELTING & REFNG CORP — 107-109 W. Brookline St, Boston 18, Mass — CO6-7504
B Langton #3 *50 1125

EASTERN SPECIALTY CO — Philadelphia 40, Pa — BA8-0500
895-1120-1735

EASTERN TECHNICAL ASSOC INC — Main St, N. Acton, Mass — CO3-7719
R Palmer #2 *24 B 1735

EASTERN TOOL & MFG. CO — 1 Montgomery St. Belleville 9, NJ — PL9-7100
G Peterson #4 *250 C 300-785-1120-1125-1970

EASTMAN KODAK CO — 343 State St. Rochester 4, NY — LO2-6000
*45,900 G 235-265-665-885-1015-1075-1250-1290-1760

EATON MFG CO RELIANCE DIV — 25 Charles Ave, S.E., Massillon, Ohio — TE2-1511
125-285-1125-1205-1485-1535-1940-1960

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Frank K Howell	3903 Olive St, St. Louis 8, Mo	JE5-0388
Ariz	Grether & Grether	Box 47, Stockton, Cal	OW7-7812
Ark	Frank K Howell	3903 Olive St, St. Louis 8, Mo	JE5-0388
Cal	Grether & Grether	Box 47, Stockton, Cal	OW7-7812
Colo	Grether & Grether	Box 47, Stockton, Cal	OW7-7812
Conn	P R Byrd	420 Lexington Ave, New York 17, NY	MU3-2182
Del	P R Byrd	420 Lexington Ave, New York 17, NY	MU3-2182
DC	P R Byrd	420 Lexington Ave, New York 17, NY	MU3-2182
Idaho	Grethery & Grether	P.O. Box 47, Stockton, Cal	OW7-7812
Ill	E C Gross	32 S. Michigan Ave, Chicago 4, Ill	HA7-4441
Ind	E C Gross	32 S. Michigan Ave, Chicago 4, Ill	HA7-4441
Iowa	E C Gross	32 S. Michigan Ave, Chicago 4, Ill	HA7-4441
Kan	Frank K Howell	3903 Olive St, St. Louis 8, Mo	JE5-0388
La	Frank K Howell	3903 Olive St. St. Louis 8, Mo	JE5-0388
Me	P R Byrd	420 Lexington Ave, New York 17, NY	MU3-2182
Md	P R Byrd	420 Lexington Ave, New York 17, NY	MU3-2182
Mass	P R Byrd	420 Lexington Ave, New York 17, NY	MU3-2182
Mich	Wm Chandler	18451 James Couzens Hwy, Detroit, Mich	UN4-5900
Minn	E C Gross	32 S. Michigan Ave, Chicago 4, Ill	HA7-4441
Miss	Frank K Howell	3903 Olive St, St. Louis 8, Mo	JE5-0388
Mo	Frank K Howell	3903 Olive St, St. Louis 8, Mo	JE5-0388
Mont	Grether & Grether	Box 47, Stockton, Cal	OW7-7812
Neb	Frank K Howell	3903 Olive St, St. Louis 8, Mo	JE5-0388
Nev	Grether & Grether	Box 47, Stockton, Cal	OW7-7812
NH	P R Byrd	420 Lexington Ave, New York 17, NY	MU3-2182
NJ	P R Byrd	420 Lexington Ave, New York 17, NY	MU3-2182
NM	Frank K Howell	3903 Olive St, St. Louis 8, Mo	JE5-0388
NY	P R Byrd	420 Lexington Ave, New York 17, NY	MU3-2182
NC	J W Ogden	25 Charles Ave, S.E., Massillon, Ohio	TE2-1511
ND	Frank K Howell	3903 Olive St, St. Louis 8, Mo	JE5-0388
Okla	F C Lindeman	3110 N. Fitzhugh Ave, Dallas, Tex	LA6-5801
Ore	H Hobelmann	225 Kansas St, San Francisco, Cal	UN3-4046
Pa	W F McCormick	17877 St. Clair Ave, Cleveland, Ohio	IV1-9000
RI	P R Byrd	420 Lexington Ave, New York 17, NY	MU3-2182
SD	Frank K Howell	3903 Olive St, St. Louis 8, Mo	JE5-0388
Tex	E C Lindeman	3110 N. Fitzhugh Ave, Dallas, Tex	LA6-5801
Utah	Frank K Howell	3903 Olive St, St. Louis 8, Mo	JE5-0388
Vt	P R Byrd	420 Lexington Ave, New York 17, NY	MU3-2182
Va	P R Byrd	420 Lexington Ave, New York 17, NY	MU3-2182
Wash	H Hobelmann	225 Kansas St, San Francisco, Cal	UN3-4046
Wisc	E C Gross	32 S. Michigan Ave, Chicago 4, Ill	HA7-4441
Wyo	Frank K Howell	3903 Olive St, St. Louis 8, Mo	JE5-0388

EBAUCHES S A DEPT of SEMICONDUCTEURS — Faubourg Hopital 1, Neuchatel, Suisse — 038/57401
#6 *50 A 1860

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
NY	Freeport Eng. CY	Empire State Bldg, NY 1,	

EBERLINE INSTRUMENT CORP — Box 279, Santa Fe, NM — YU2-1881
D Mitchell #16 *110 E 895

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	B V Roberts	P O Box 1456, Cincinnati 1, Ohio	WO1-3928
Alaska	Frazar & Hansen Ltd	301 Clay St, San Francisco, Cal	EX2-5112
Cal	William S Johnson Sr	P O Box 242, Danville	VE7-7200
Conn	Jack Pyle	Leon St. Thompson	WA3-2261
Del	Eberline Instrument Corp	1345 Pennsylvania Ave. Washington, DC	RE7-6614
DC	Eberline Instrument Corp	1345 Pennsylvania Ave. Washington	RE7-6614
Hawaii	Frazar & Hansen Ltd	301 Clay St, San Francisco, Cal	EX2-5112
Idaho	Wm S. Johnson Sr	P O Box 242, Danville, Cal	VE7-7200
Ill	B. V. Roberts	P O Box 1456, Cincinnati 1, Ohio	WO1-3928
Ky	B. V. Roberts	P O Box 1456, Cincinnati 1, Ohio	WO1-3928
Me	Jack Pyle	Leon St. Thompson, Conn	WA3-2261
Md	Eberline Instrument Corp	1345 Pennsylvania Ave. Washington, DC	RE7-6614
Mass	Jack Pyle	Leon St. Thompson, Conn	WA3-2261
Mich	B. V. Roberts	P O Box 1456, Cincinnati 1, Ohio	WO1-3928
Minn	B. V. Roberts	P O Box 1456, Cincinnati 1, Ohio	WO1-3928
Miss	B. V. Roberts	P O Box 1456, Cincinnati 1, Ohio	WO1-3928
Mo	B. V. Roberts	P O Box 1456, Cincinnati 1, Ohio	WO1-3928
NH	Jack Pyle	Leon St. Thompson, Conn	WA3-2261
NJ	Jack Pyle	Leon St. Thompson, Conn	WA3-2261
NY	Jack Pyle	Leon St. Thompson, Conn	WA3-2261
NC	Eberline Instrument Corp	1345 Pennsylvania Ave. Washington 4, DC	RE7-6614
Ohio	B. V. Roberts	P O Box 1456, Cincinnati 1	WO1-3928
Ore	Wm S. Johnson Sr	P O Box 242, Danville	VE7-7200
Pa	Martin R Murray	P O Box 372, Murrysville	FA7-5020
RI	Jack Pyle	Leon St. Thompson, Conn	WA3-2261
SC	Eberline Instrument Corp	1345 Pennsylvania Ave. Washington 4, DC	RE7-6614
Tenn	B. V. Roberts	P O Box 1456, Cincinnati 1, Ohio	WO1-3928
Va	Eberline Instrument Corp	1345 Pennsylvania Ave. Washington 4, DC	RE7-6614
Wash	Wm S. Johnson Sr	P O Box 242, Danville, Cal	VE7-7200
Wis	B. V. Roberts	P O Box 1456, Cincinnati 1, Ohio	WO1-3928
Canada	Frazar & Hansen Ltd	301 Clay St, San Francisco, Cal	EX2-5112

EBERT ELECTRONICS CORP — 212-26 Jamaica Av, Queens Village, NY — SP6-1800
V Horowitz #2 *25 C 360-1460

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Ray Williamson Co	P.O. Box 28, Gadsden, Ala	LI6-9340
Ariz	Hundley Co., The	3202 Fletcher Dr, Los Angeles 65, Cal	CL5-7111
Cal	Hundley Co., The	3202 Fletcher Dr, Los Angeles 65, Cal	CL5-7111
Conn	Hatch-Hutchinson Assoc	PO Box 12, Manchester	MI3-0863
Del	Tyler Griffin Co	32 S. Fairfield Rd, Devon, Pa	ML8-4821
DC	Tyler Griffin Co	32 S. Fairfield Rd, Devon, Pa	ML8-4821
Fla	Ray Williamson Co	P O Box 28, Gadsden, Ala	LI6-9340
Ga	Ray Williamson Co	P.O. Box 28, Gadsden, Ala	LI6-9340
Ill	Anthony N Grotz & Assoc	5811 W Montrose Ave, Chicago 34	SP7-9525
Md	Tyler Griffin	32 S. Fairfield Rd, Devon, Pa	ML8-4821
Mass	Hatch-Hutchinson Assoc	PO Box 12, Manchester, Conn	MI3-0863
Mich	Lawrence H Dickelman Co	18450 Livernois Ave, Detroit	UN4-4376
Minn	Anthony N Grotz & Assoc	5811 W MontroseAve. Chicago 34, Ill	SP7-9525
NH	Hatch-Hutchinson Assoc	Box 12, Manchester, Conn	MI3-0863
NJ	M W M Assoc	PO Box 702, Jamaica 30, NY	OL8-5409
NY	H C Johnson Agencies Inc	111 Mt. Hope Ave, Rochester 20, NY	HA6-1090
Ohio	Robert Shaw & Associates	P.O. Box 1534, Cleveland Heights 18, Ohio	ER1-4484
Pa	Tyler Griffin Co	32 S. Fairfield Rd, Devon, Pa	ML8-4821
RI	Hatch-Hutchinson Assoc	Box 12, Manchester, Conn	MI3-0863
Tenn	Ray Williamson Co	P O Box 28, Gadsden, Ala	LI6-9340
Tex	Southwestern Controls	5633 Urbana St. Houston 19	UN2-8874
Vt	Hatch-Hutchinson Assoc	Box 12, Manchester, Conn	MI3-0863
W. Va	Robert Shaw & Associates	P.O. Box 1534, Cleveland Heights 18, Ohio	ER1-4484
Wis	Anthony N Grotz & Assoc	5811 W Montrose Ave. Chicago 34, Ill	SP7-9525
Foreign	Philips Export Co	100 E. 42nd St, New York 17, NY	OX7-3600

EBY CO., HUGH H — 4701 Germantown Ave, Phila 44, Pa — DA4-7000
W Tezmess #3 *350 E 280-345-385-1125-1290-1315-1325-1390-1580-1630-1735-1785

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	A H Hicker	3007 Kinneman Ave. Winston Salem, NC	CH4-7471
Alas	Roger Minthorne	Portland, Ore	CH6-4556
Ariz	J W Marsh Co	4216 W. Jefferson Blvd. LA, Cal	RE2-0145
Cal	Bernard L Cann	420 Market St. SF	SU1-7981
Colo	Hyde Sales Co	888 S. Lipan St. Denver 23	FE8-5262
Conn	Sales Eng	Sugar Ln. Newton	GA6-2451
Del	Rothenheber Co. Inc	53 Cricket Ave. Ardmore, Pa	MI2-6911
Fla	Jack Gaertner Co	235 Lincoln Rd. Miami Beach	JE1-0200
Ga	A H Hicken Co	3007 Kinneman Ave. Winston Salem, NC	CH4-7471
Haw	Bernand L Cann	420 Market St, SF, Cal	SU1-7981
Idah	Hyde Sales Co	888 S. Lipan St. Denver 23, Colo	FE8-5262
Ill	W F E Bomka Sales Co	6966 W. North Ave. Chicago 35	ME7-8433
Ind	Southern Sales	105 Lakeshore Dr. Angola	AN 777
Iowa	Koenig Meyers & Assoc	4538 Main St. KC, Mo	JE1-7221
Kan	Koenig Meyers & Assoc	4538 Main St. KC, Mo	JE1-7221
Ky	Southern Sales Co	105 Lakeshore Dr. Angola, Ind	AN 777
Me	Sales Eng	33 Sudbury Rd. Concord, Mass	EM9-3943
Md	Rothenheber Co. Inc	1421 Chesterfield Rd. Rockville	
Mass	Sales Eng	33 Sudbury Rd. Concord	EM9-3943
Mich	Smilco	27525 Woodward Ave. Ferndale 20	LI7-4771
Minn	Jos-Co. Sales Eng	3053 Maryland Ave. Mnpl's 26	UN9-2325
Miss	A H Hicker Co	3007 Kinneman Ave. Winston Salem, NC	PA5-8588
Mont	Hyde Sales Co	888 S. Lipan St. Denver 23, Colo	CH4-7471
Neb	Koenig Meyers & Assoc	4538 Main St. KC, Mo	JE1-7221
NH	Sales Eng	33 Sudbury Rd. Concord, Mass	EM9-3943
NJ	Eby Sales Co	148-05 Anchor Ave. Jamaica 35, NY	AX1-3232
NM	Hyde Sales Co	888 S. Lipan St. Denver 23, Colo	CH4-7471
NY	Eby Sales Co	148-05 Anchor Ave. Jamaica 35	AX1-3232
NC	A H Hicker	3007 Kinneman Ave. Winston Salem	PA5-8588
ND	Jos-Co Sales Eng	3053 Maryland Ave. Mnpls, Minn	UN9-2325
Ohio	Paul Sales Co	2609 Broadway, Fort Wayne, Ind	HA 0589
Okla	SW Electronics	273 Meadows Bldg. Dallas, Tex	EM3-1671
Ore	Roger Minthorne	6673 SW Taylor Ferry Dr. Portland	CH6-4556
RI	Sales Eng	Sugar Ln. Newtown, Conn	GA7-2451
SC	A H Hicker	3007 Kinneman Ave. Winston Salem, NC	PA5-8588
SD	Hyde Sales Co	888 S. Lipan St. Denver 23, Colo	CH4-7471
Tex	SW Electronics	273 Meadows Bldg. Dallas	EM3-1671
Utah	Hyde Sales Co	888 S. Lipan St. Denver 23, Colo	CH4-7471
Vt	Sales Eng. Co	33 Sudbury Rd. Concord, Mass	EM9-3943
Va	Rothenheber Co	53 Cricket Ave. Ardmore, Pa	MI2-6911
Wyo	Hyde Sales Co	888 S. Lipan St. Denver 23, Colo	CH4-7471

ECCO ELECTRONIC COMP CORP — 578 Nepperhan Ave, Yonkers, NY — GR6-5500
345-920-925-1135

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Candor Co	[illegible] Beach St, Winston-Salem, NC	PA2-1432
Ariz	J W Marsh Co	4216 W. Jefferson Blvd, Los Angeles, Cal	RE2-0145
Cal	J W Marsh Co	4216 W. Jefferson Blvd, Los Angeles, Cal	RE2-0145
Conn	Chapman	Box 295, Weston 93, Mass	TW9-1919
Del	Goodman Co	32 W. Biddle, Baltimore, Md	SA7-6116
DC	Goodman Co	32 W. Biddle, Baltimore, Md	SA7-6116
Fla	Winfield Electronic Sales Co	666 N.E. 125 St, North Miami, Fla	PL1-5596
Ga	Candor Co	2080 Beach St, Winston-Salem, NC	PA2-1432
Ill	Kennedy	6713 N. Oliphant Ave, Chicago 31, Ill	NE1-8283
Ind	Technical Sales Associates	Talbott Tower, Dayton, Ohio	BA4-5102
Iowa	Heimann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	SE2-5457
Kan	Heimann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	SE2-5457
Me	Chapman	Box 295, Weston 93, Mass	TW9-1919
Md	Goodman	32 W. Biddle, Baltimore, Md	SA7-6116
Mass	Chapman	Box 295, Weston 93, Mass	TW9-1919
Mich	Technical Sales Associates	Talbott Tower, Dayton, Ohio	BA4-5102
Minn	Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
Mo	Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
Neb	Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
Nev	Marsh Co	4216 W. Jefferson Blvd, Los Angeles, Cal	RE2-0145
NH	Chapman Co	Box 295, Weston, Mass	TW9-1919
NJ	D R Bitton	104 E. Central Ave, Valley Stream, NY	LO1-2444
NY	D R Bitton	104 E. Central Ave, Valley Stream, NY	LO1-2444
NC	Candor Co	2080 Beach St, Winston-Salem, NC	PA2-1432
ND	Heimann	1711 Hawthorne Ave, Mnpls, Minn	FE2-5457
Pa	Technical Sales Associates	Talbott Tower, Dayton, Ohio	BA4-5102
Pa	Thos E Stewart Co	[illegible]	[illegible]
RI	Chapman Co	Box 295, Weston, Mass	TW9-1919
SC	Candor Co	2080 Beach St, Winston-Salem, NC	PA2-1432
SD	Heimann Co	1711 Hawthorne Ave, Mnpls, Minn	FE2-5457
Vt	Chapman Co	Box 295, Weston, Mass	TW9-1919
Va	Goodman Co	32 W. Biddle St, Baltimore, Md	SA7-6116
W. Va	Technical Sales Associate	Talbott Tower, Dayton, Ohio	BA4-5102
Wisc	Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
Canada	MacQuarrie, J J	95 St. George St, Toronto 5, Ont, Can	WA3-3493
Foreign	Rafael Ventura	P.O. Box 67, Ramleh, Israel	[illegible]
Foreign	Siemo International	425 4th Ave, New York, NY	OR9-7174

ECCO HIGH FREQUENCY CORP — 7020 Hudson Blvd, North Bergen, NJ — PE6-2611
E Capito #4 *30 820

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	Dick Ellis Co	908 Venice Blvd, Los Angeles 15, Cal	RI7-9129
Ill	Factory Standards Laboratory Inc	416 N. State St, Chicago 10, Ill	DE7-3718
Ind	Factory Standards Laboratory Inc	416 N. State St, Chicago 10, Ill	DE7-3718
Iowa	Factory Standards Laboratory Inc	416 N. State St, Chicago 10, Ill	DE7-3718
Mich	Factory Standards Laboratory Inc	416 N. State St, Chicago 10, Ill	DE7-3718
Pa	J A Cunningham Eqpt Inc	2025 Trenton Ave. Philadelphia 25	GA6-6650
Wisc	Factory Standards Laboratory Inc	416 N. State St, Chicago 10, Ill	DE7-3718

ECKEL VALVE CO — 1425 First St, San Fernando, Cal — EM1-6251
1920

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Barker Co., The	288 Old Country Rd, Mineola, NY	PI6-0481
Ariz	Rubly Engineering Co	3749 4th Ave, San Diego 3, Cal	CY8-7574
Cal	Rubly Eng Co	2140 Westwood Blvd. Los Angeles 25	GR7-6744
Cal	Rubly Engineering Co	3749 4th Ave, San Diego 3, Cal	CY8-7574
Conn	Barker Co., The	288 Old Country Rd, Mineola, NY	PI6-0481
Del	Barker Co., The	288 Old Country Rd, Mineola, NY	PI6-0481
Fla	Barker Co., The	288 Old Country Rd, Mineola, NY	PI6-0481
Ga	Barker Co., The	288 Old Country Rd, Mineola, NY	PI6-0481
Ind	Paquin Co., The	6901 Longview St. Cinc 16, Ohio	PO1-7550
Ky	Paquin Co., The	13405 St. Clair Ave, Cleveland 10, Ohio	UL1-4100
Me	Barker Co., The	288 Old Country Rd, Mineola, NY	PI6-0481
Md	Barker Co., The	288 Old Country Rd, Mineola, NY	PI6-0481
Mass	Barker Co., The	288 Old Country Rd, Mineola, NY	PI6-0481
NH	Barker Co., The	288 Old Country Rd, Mineola, NY	PI6-0481
NJ	Barker Co., The	288 Old Country Rd, Mineola, NY	PI6-0481
NY	Barker Co., The	288 Old Country Rd, Mineola, NY	PI6-0481
NY	Paquin Co., The	13405 St. Clair Ave, Cleveland 10, Ohio	UL1-4100
NC	Barker Co., The	288 Old Country Rd, Mineola, NY	PI6-0481
Ohio	Paquin Co., The	6901 Longview St. Cinc (Carthage) 16	PO1-7550
Ohio	Paquin Co., The	13405 St. Clair Ave, Cleveland 10, Ohio	UL1-4100
Ore	Lou R O'Connor Co	625 W Ewing St. Seattle 99, Wash	AT2-5351
Pa	Barker Co., The	288 Old Country Rd, Mineola, NY	PI6-0481
Pa	Paquin Co., The	13405 St. Clair Ave, Cleveland 10, Ohio	UL1-4100
RI	Barker Co., The	288 Old Country Rd, Mineola, NY	PI6-0481
SC	Barker Co., The	288 Old Country Rd, Mineola, NY	PI6-0481
Vt	Barker Co., The	288 Old Country Rd, Mineola, NY	PI6-0481
Va	Barker Co., The	288 Old Country Rd, Mineola, NY	PI6-0481
Wash	Lou R O'Connor Co	625 W Ewing St. Seattle 99	AT2-5351
W. Va	Barker Co., The	288 Old Country Rd, Mineola, NY	PI6-0481

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Can	Garrett Mfg Corp	4 Racine Rd, Rexdale, Ont	CH4-5655
Canada	Garrett Mfg Corp	1255 Laird Blvd, Montreal, Canada	RE 8-7605
•	**ECLIPSE PIONEER DIV BENDIX CORP**	**Teterboro, NJ**	**AT8-2000**
	M McCammon #882 *9000 G 35-40-45-338-475-775-780-895-1165-1170-1300-1395-1435-1470-1735-1745-1850		
	ECONOMY FUSE DIV. FEDERAL PACIFIC ELEC CO	**2070 Maple St. DesPlaines, Ill**	**CY9-2211**
	J Mase 740		
•	**EDAL INDUSTRIES, INC**	**4 Short Beach Rd. E Haven 12, Conn**	**HO7-2591**
	E Pagano #2 *25 B 925-1445		
Cal	Robison Co., The	4725 W 183rd St. Torrance	FR9-5531
Conn	Glenn M Hathaway Electronics Inc	P.O. Box 797, Canaan, Conn	TA4-7721
Del	W Henry Cordray Sales Co	Barclay Bldg. Bala Cynwyd, Pa	MO4-3344
DC	W Henry Cordray Sales Co	Barclay Bldg. Bala Cynwyd, Pa	MO4-3344
Ill	Finalli Sales	5562 Northwest Hwy. Chicago	NE1-0207
Me	Glenn M Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0380
Md	W Henry Cordray Sales Co	Barclay Bldg. Bala Cynwyd, Pa	MO4-3344
Mass	Glenn M Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0380
Mich	Products Sales Co	300-1/2 E Grand River Dr. Lansing	ED2-5465
NH	Glenn M Hathaway Electronics Inc	238 Main St, Cambridge, Mass	KI7-0380
NJ	W Henry Cordray Sales Co	Barclay Bldg. Bala Cynwyd, Pa	MO4-3344
NJ	S Glassman Associates	250 Mt. Vernon Pl, Newark, NJ	ES1-2257
NY	S Glassman Associates	28 Frestwick Terr, Glen Cove, NY	CI6-1034
Pa	W Henry Cordray Sales Co	Barclay Bldg. Bala Cynwyd	MO4-3344
RI	Glenn M Hathaway Electronics Inc	238 Main St, Cambridge, Mass	KI7-0380
Vt	Glenn M Hathaway Electronics Inc	238 Main St, Cambridge, Mass	KI7-0380
Va	W Henry Cordray Sales Co	Barclay Bldg. Bala Cynwyd, Pa	MO4-3344
	EDCLIFF INSTRUMENTS	**1711 S. Mountain Ave, Monrovia, Cal**	**EL8-4571**
	E Moore #14 *280 C 1300-1474-1735-1850		
Ala	R Attaway Co	2315 Bob Wallace Ave. SW Huntsville	534-2811
Ariz	Lou L Stokes	4434 Ingraham St, San Diego 9, Cal	HU8-0090
Ark	Carey-Wolf Co	6000 Camp Bowie Blvd, Ft. Worth, Tex	PE8-1702
Cal	Egbert Engineering Associates	495 Hamilton Ave, Palo Alto, Cal	DA6-1387
Cal	Lou L Stokes	4434 Ingraham St, San Diego, Cal	HU8-0090
Colo	Longstreet Smith Associates Inc	3013 15th St, Denver, Colo	KE4-5091
Conn	L R Provencher & Associates	525 Pleasant St, Worcester 2, Mass	PL3-8187
Del	S & S Assoc	780 DeKalb Pike, King of Prussia, Pa	BR9-7192
DC	S & S Assoc	780 W DeKalb Pike, King of Prussia, Pa	BR9-7192
DC	Robert P Lado	3625 Eye St, N.W., Washington, DC	ME8-1253
Fla	Roy Attaway Co	711 Magnolia Ave, Orlando, Fla	GA4-3953
Ga	R Attaway Co	2315 Bob Wallace Ave, SW, Hvl, Ala	534-2811
Ill	Carlson Electronic Sales	6677 N. Northwest Hwy, Chicago 31, Ill	SP4-0277
Ind	Carlson Electronic Sales	6677 N. Northwest Hwy, Chicago 31, Ill	SP4-0277
Iowa	Carlson Electronic Sales	6677 N. Northwest Hwy, Chicago 31, Ill	SP4-0277
La	Carey-Wolf Co	6000 Camp Bowie Blvd, Fort Worth, Tex	PE8-1702
Me	L R Provencher & Associates	525 Pleasant St, Worcester 2, Mass	PL3-8187
Md	S & S Assoc	4509 Calvert Rd, College Pk, Md	AP7-3777
Mass	L R Provencher & Associates	525 Pleasant St, Worcester 2, Mass	PL3-8187
Mich	R H Jenkins	10534 Ludlow Ave, Huntington Woods	LI2-5059
Minn	Carlson Electronic Sales	6677 N. Northwest Hwy, Chicago 31, Ill	SP4-0277
Miss	R Attaway Co	2315 Bob Wallace Ave, SW, Hvl, Ala	534-2811
Mont	Longstreet-Smith Associates Inc	3013 15th St, Denver, Colo	KE4-5091
NH	L R Provencher & Associates	525 Pleasant St, Worcester 2, Mass	PL3-8187
NJ	S & S Assoc	780 W. DeKalb Pk, King of Prussia, Pa	BR9-7192
NJ	Ellis-Huber Corp	11 Northern Blvd, Great Neck, NY	HU7-5145
NM	Longstreet-Smith Associates Inc	2708 Carol N.E., Albuquerque, NM	AX9-4921
NY	S F Foster Co	204 Southfield Dr, Fayetteville	NE7-6137
NY	Ellis-Huber Corp	11 Northern Blvd, Great Neck, NY	HU7-5145
NY	S F Foster Co	204 Southfield Dr, Fayetteville, NY	NE7-6137
NC	R Attaway Co	407 Nissen Bldg, Winston-Salem	722-9671
Ohio	Dayton Associates	118 W. 1st St, Dayton 2, Ohio	BA3-9621
Okla	Carey-Wolf Co	6000 Camp Bowie Blvd, Fort Worth, Tex	PE8-1702
Ore	Egbert Engineering Associates	495 Hamilton Ave, Palo Alto, Cal	DA6-1387
Pa	S & S Assoc	780 W. DeKalb Pk, King of Prussia	BR9-7192
Pa	Dayton Associates	118 W. 1st St, Dayton 2, Ohio	BA3-9621
RI	L R Provencher & Associates	525 Pleasant St, Worcester 2, Mass	PL3-8187
SC	R Attaway Co	2315 Bob Wallace Ave, SW Hvl, Ala	534-2811
Tenn	R Attaway Co	2315 Bob Wallace Ave, SW Hvl, Ala	534-2811
Tex	Carey-Wolf Co	6000 Camp Bowie Blvd, Fort Worth, Tex	PE8-1702
Utah	Longstreet-Smith Associates Inc	3013 15th St, Denver, Colo	KE4-5091
Vt	L R Provencher & Associates	525 Pleasant St, Worcester 2, Mass	PL3-8187
Va	S & S Assoc	4509 Calvert Rd, College Pk, Md	AP7-3777
Wash	Egbert Engineering Associates	495 Hamilton Ave, Palo Alto, Cal	DA6-1387
W Va	S & S Assoc	Box 10594, Pittsburgh, Pa	GR2-8594
Wisc	Carlson Electronic Sales	6677 N. Northwest Hwy, Chicago 31, Ill	SP4-0277
Wyo	Longstreet-Smith Associates Inc	3013 15th St, Denver, Colo	KE4-5091
	EDER ENGINEERING CO., INC	**1568 S. 1st St, Milwaukee 4, Wisc**	**EV3-3900**
	H Eder #8 *45 C 895-1075-1825		
•	**EDGERTON GERMESHAUSEN & GRIER INC**	**160 Brookline Ave, Boston, Mass**	**CO7-9700**
	M AWillisch #260 *850 G 200-220-895-1135-1655-1660-1880		
Ala	S S Lee Assoc, Inc	Utilities Bldg. Huntsville	JE6-0631
Cal	J T Hill Co	4815 Pine St, San Gabriel, Cal	AT7-9633
Colo	Gene French Co	1480 Hoyt, Denver, Colo	MA3-1458
Del	G Curtis Engel & Associates Inc	210 S. Broad St, Ridgewood, NJ	GI4-1400
DC	S S Lee Associates Inc	2521 Ennalls Ave, Wheaton, Md	LO5-3066
Fla	S S Lee Associates Inc	718 N. Smith Ave, Orlando, Fla	CH1-4445
Ga	S S Lee Assoc, Inc	Utilities Bldg. Huntsville, Ala	JE6-0631
Idaho	Stanley Enterprises	137 River St, Seattle 8, Wash	PA3-3320
Illinois	Kinnick Co	222 Olympia Dr, St. Louis, Mo	JA1-4077
Kan	Kinnick Co	222 Olympia Dr, St. Louis, Mo	JA1-4077
La	Mitchell Speairs Co	4944 James Ave, Fort Worth, Tex	WA3-4657
Md	S S Lee Associates Inc	2521 Ennalls Ave, Wheaton, Md	LO5-3066
Minn	Engineering Products Associates	1821 University Ave, St. Paul, Minn	MI6-3443
Miss	S S Lee Assoc, Inc	Utilities Bldg. Huntsville, Ala	JE6-0631
Mo	Kinnick Co	222 Olympia Dr, St. Louis, Mo	JA1-4077
Mont	Stanley Enterprises	137 River St, Seattle 8, Wash	PA3-3320
Neb	Kinnick Co	222 Olympia Dr, St. Louis, Mo	JA1-4077
NJ	G Curtis Engel & Associates Inc	210 S. Broad St, Ridgewood, NJ	GI4-1400
NM	Gene French Co	7800 Zuni Rd, S.E., Albuquerque, NM	AM8-2478
NY	J D Ryerson Associates Inc	111 Kiama Rd, Syracuse 1, NY	GR6-1771
NY	G Curtis Engel & Associates	210 S. Broad St, Ridgewood, NJ	GI4-1400
NC	S S Lee Associates Inc	Box 906, Winston-Salem, NC	ST8-0431
Ohio	Dayton Associates	Talbott Tower, Dayton 2, Ohio	BA3-9621
Okla	Mitchell Speairs Co	4944 James Ave, Fort Worth, Tex	WA3-4657
Ore	Stanley Enterprises	177 River St, Seattle 8, Wash	PA3-3320
Pa	G Curtis Engel & Associates Inc	210 S. Broad St, Ridgewood, NJ	GI4-1400
Pa	Dayton Associates	Talbott Tower, Dayton 2, Ohio	
SC	S S Lee Associates Inc	Box 906, Winston-Salem, NC	ST8-0431
Tenn	S S Lee Assoc, Inc	Utilities Bldg. Huntsville, Ala	JE6-0631
Tex	Mitchell Speairs Co	4944 James Ave, Fort Worth	WA3-4657
Utah	Gene French Co	138 S. Second, E., Salt Lake City, Utah	EM4-3057
Va	S S Lee Associates Inc	2521 Ennalls Ave, Wheaton, Md	LO5-3066
Wash	Stanley Enterprises	177 River St, Seattle 8, Wash	PA3-3320
W. Va	S S Lee Associates Inc	2521 Ennalls Ave, Wheaton, Md	LO5-3066
Wyo	Gene French Co	1480 Hoyt, Denver, Colo	MA3-1458
Foreign	Machine & Products Co	52 Wall St, New York 5, NY	WH4-4370
Foreign	Telesco International Corp	36 W. 44 St, New York 18, N.Y.	PE6-2165
	EDISON IND, THOMAS A, INSTRUMENT DIV, McGRAW-EDISON CO	**81 Lakeside Ave, West Orange, NJ**	**RE6-1000**
	V Rose #50 *350 F 360-895-1165-1460-1805-1850		
Cal	Thomas A Edison Industries	14552 Ventura Blvd. Sherman Oaks, Cal	ST4-8281
Cal	Wm J Purdy Co	312 Seventh St, San Francisco, Cal	UN3-3300
Conn	Glenn M Hathaway Electronics Inc	P.O. Box 797, Canaan, Conn	TA4-7215
Ill	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6100
Mass	Glenn M Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0380
NJ	Don Alfred Co	45 Dellwood Ave, Chatham, NJ	ME5-8534
Ohio	Thomas A Edison Industries	117 E. National Rd, Vandalia, Ohio	TW8-5921
Tex	Thomas A Edison Industries	2520 W. Mockingbird Ln, Dallas 35, Tex	FL7-1390
Wash	Testco	Room 108, Boeing Field, Seattle, Wash	PA3-9000
	EDKO ELECTRONICS INC	**397 Bedford Ave, Brooklyn 11, NY**	**EV4-2746**
	M Coe #1 *7 B 1855		
	EDMUND SCIENTIFIC CO	**502 E. Gloucester Pk, Barrington, NJ**	
	W McCann #3 *100 E 895-990-995-1085		
	EDO CORP	**College Point 56, NY**	**HI5-6000**
	G 410-1425-1655		
	EDWARDS CO. INC	**Norwalk, Conn**	
	EDWARDS ENGINEERING CO	**21 Yennicock Ave, Port Washington, NY**	**PO7-6700**
	J Kane #4 *14 B 1435		
	EDWARDS HIGH VACUUM (CANADA) LTD	**Box 515, Burlington, Ontario, Canada**	**NE4-7757**
	R Webster *12 C 895-1375-1875		
NY	Edwards High Vacuum Inc	3279 Grand Island Blvd. Grand Island	RR3-7553
NY	Gitters Electronics Inc	3279 Grand Island Blvd. Grand Island	RR3-7553
	EFCON INC. SUB. GEN INSTRUMENT CORP	**Patterson Pl. Roosevelt Fld. Garden City, NY**	**PI1-4200**
	A Rossip #5 *60 C 220		
Ala	Specialized Electronic Corp	570 N. 18th St, Birmingham 5, Ala	FA4-3615
Ariz	Gramer & Co	444 N. Camelback Rd, Phoenix	CR9-1211
Cal	McCoy, Ross & Co	3673 S. La Cienega Blvd, L A 16, Cal	UP2-3313
Cal	Long & Associates	505 Middlefield Rd, Redwood City, Cal	EM9-3324
Colo	Vinson Associates	3600 S. Lincoln, Englewood, Colo	SU9-3951
Conn	John E Boeing Co., Inc	365 Church St, New Haven 10, Conn	ST7-4115
Fla	Specialized Electronic Corp	1301 Bay Shore Dr, Cocoa Beach	SU3-2288
Ill	Gianaras Sales Co	5435 N. NW Hwy, Chicago 30	SP4-4600
Ind	E B Tyler	2309 Florida Dr, Fort Wayne	AN 7344
Kan	Norman W Kathrinus & Co	4306 Cambridge, KC 3	JO2-4108
Md	Hilco Electronic Sales Co	803 Allegheny Ave, Towson, Md	VA5-9637
Mass	Cimino, LeBlanc Sales Co, Inc	885 Main St, Waltham	TW3-2742
Mich	R G Bailey Co	301 E. Catherine St, Ann Arbor, Mich	NO8-6900
Minn	R G Rapin Inc	1406 W. Idaho Ave. St. Paul 13	MI6-6937
Mo	Norman W Kathrinus & Co	4706 Duncan Ave. St. Louis 10	OL2-7005
NJ	Bert Ashl	301 Crescent Ave. Leonia	WI4-6488
NY	Jack McDonough Assoc	2070 Sheridan Dr. Kenmore 23	TR3-6811
NY	M A Cimber	1700 York Ave, NY	EN6-4222
Ohio	G & H Sales Co	Box 416, Cinc 37	JE1-0553
Pa	I A Olivine	Box 9, Rydal	TU7-2433
Tex	Southwest Electronic Ind. Inc	273 Meadows Bldg, Dallas 6	EM3-1671
Utah	Vinson Assoc	3328 S. 5th St, Salt Lake City	EL5-4164
Wash	Tiny Johnston Co	3211 E. 41 St, Seattle 15, Wash	LA4-5170
For	Sylvan Ginsbury Ltd	8 W. 40th St, NY, NY	LO4-7585
	EIDSON ELECTRONIC CO	**1802 N. Third St, Temple, Tex**	**PR3-3901**
	M Eidson #2 *4 A 410-415-725		
	EISLER ENGINEERING CO., INC	**751 S 13 St. Newark 3, NJ**	**BI3-5310**
	C Eisler Jr #10 *110 E 205-360-735-1125-1215-1375-1810-1855-1945-1960		
•	**EITEL-McCULLOUGH INC**	**301 Industrial Way, San Carlos, Cal**	**LY1-1451**
	A Melrose #110 *1,500 G 240-345-895-1035-1125-1135-1375-1460-1630-1735-1875-1880		
Ala	J E Joyner & Assoc	868 York Ave. SW Atlanta 10, Ga	758-7497
Alas	R S Drake Assoc	1817 Norman, Seattle 44, Wash	EA3-8545
Ariz	Herb Becker Co	1140 Crenshaw Blvd, Los Angeles, Cal	WE1-1257
Ark	Dick Bellew Sales Co	314 Melrose, El Dorado, Ark	UN3-8325
Cal	Herb Becker Co	1140 Crenshaw Blvd, Los Angeles, Cal	WE1-1257
Cal	Eitel-McCullough Inc	3402 W. Century Blvd. Inglewood, Cal	OR3-2710
Colo	McLeod & Raymond Co	2151 S. Grape St. Denver 22	SK6-1580
Conn	Coakley Sales Office	148 Needham St, Newton Highlands, Mass	DE2-4800
Del	Fred F Bartlett & Co	18 W. Ave, Wayne, Pa	MU8-7326
DC	James R Eberly Co	1700 K St, N.W., Washington 6, DC	DI7-2867
Fla	J E Joyner & Assoc	868 York Ave. SW Atlanta 10, Ga	758-7497
Ga	J E Joyner & Assoc	868 York Ave. SW Atlanta 10	758-7497
Ga	J E Joyner & Associates	2258 Cascade Rd, S.W., Atlanta 10, Ga	PL5-4336
Haw	J Hastie Sales Co	235 Cooke St. Honolulu 5	507-171
Idaho	R S Drake Assoc	1817 Norman, Seattle 44, Wash	EA3-8545
Idaho	McLeod & Raymond Co	2151 S. Grape St. Denver 22, Colo	SK6-1580
Ill	Eitel-McCullough Inc	1129 Bellwood Ave. Bellwood	CO1-8437
Ind	Eitel-McCullough Inc	1129 Bellwood Ave. Bellwood, Ill	CO1-8437
Iowa	Bettis Co	3706 Broadway, Kansas City 11, Mo	LO1-0772
Iowa	Clyde H Schryver Assoc	6330 Nawood Dr, Kansas City 15, Mo	MI6-6075
Kan	Bettis Co	3706 Broadway, Kansas City 11, Mo	LO1-0772
Ky	Technical Associates Inc	4775 Lander Rd, Chagrin Falls, Ohio	TE1-3384
La	Dick Bellew Sales Co	314 Melrose, El Dorado, Ark	UN3-8325
Me	Coakley Sales Office	148 Needham St, Newton Highlands, Mass	DE2-4800
Md	James R Eberly Co	1700 K St, N.W., Washington 6, DC	DI7-2667
Mass	Coakley Sales Office	148 Needham St, Newton Highlands, Mass	DE2-4800
Mich	Eitel-McCullough Inc	1129 Bellwood Ave, Bellwood, Ill	CO1-8437
Minn	H M Richardson & Co	9 E. 22 St, Minneapolis 4, Minn	FE6-4078
Miss	J E Joyner & Assoc	868 York Ave. SW Atlanta 10, Ga	758-7497
Mo	Bettis Co	3706 Broadway, Kansas City 11	LO1-0772
Mont	McLeod & Raymond Co	2151 S. Grape St. Denver 22, Colo	LO1-0772
Neb	Bettis Co	3706 Broadway, Kansas City 11, Mo	LO1-0772
Nev	Eitel-McCullough, Inc	3402 W Century Blvd. Inglewood, Cal	OR3-2710
Nev	Herb Becker Co	1140 Crenshaw Blvd, L A 19, Cal	WE1-1257
NH	Coakley Sales Office	148 Needham St, Newton Highlands, Mass	DE2-4800
NJ	F F Bartlett & Co	18 W. Ave. Wayne, Pa	MU8-7325
NJ	Eitel-McCullough Inc	383 Wash Ave. Belleville	PL1-2300
NM	McLeod & Raymond Co	2151 S. Grape St. Denver 22, Colo	SK6-1580
NY	Eitel-McCullough Inc	383 Wash Ave. Belleville, NJ	PL1-2300
NC	J E Joyner & Assoc	868 York Ave. SW Atlanta 10, Ga	758-7497
ND	H M Richardson & Co	9 E. 22 St, Minneapolis 4, Minn	FE6-4078
Ohio	Technical Assoc Inc	4475 Lander Rd, Chagrin Falls, Ohio	TE1-9884
Okla	Howell Sales Inc	235 SE. 14th St. Grand Prairie, Tex	AN2-5153
Ore	R S Drake Assoc	1817 Norman, Seattle 44, Wash	EA3-8545
Pa	Fred F Bartlett & Co	18 West Ave, Wayne, Pa	MU8-7325
RI	Coakley Sales Office	148 Needham St, Newton Highlands Mass	DE2-4800
SC	J E Joyner & Assoc	868 York Ave. SW Atlanta 10, Ga	758-7497
SD	H M Richardson & Co	9 E. 22 St, Minneapolis 4, Minn	FE6-4078
Tenn	J E Joyner & Assoc	868 York Ave. SW Atlanta 10, Ga	758-7497
Tex	Howell Sales Inc	235 SE 14th St. Grand Prairie	AN2-5163
Utah	McLeod & Raymond Co	2151 S. Grape St. Denver 22, Colo	SK6-1580
Vt	Coakley Sales Office	148 Needham St, Newton Highlands, Mass	DE2-4800
Va	James R Eberly Co	1700 K St, N.W., Wash 6, DC	DI7-2867
Wash	R S Drake Assoc	1817 Norman, Seattle 44	EA3-8545
W Va	Technical Assoc. Inc	4475 Lander Rd. Chagrin Falls, Ohio	TE1-9884
Wis	Eitel-McCullough Inc	1129 Bellwood Ave. Bellwood, Ill	CO1-8437
Wyo	McLeod & Raymond Co	2151 S. Grape St. Denver 22, Colo	SK6-1580
Foreign	R O B Sheppard	2036 Prince Charles Rd, Ottawa, Ont	PA2-7152
	ELASCO, INC	**5 Prescott St, Roxbury 19, Mass**	**HI2-1600**
	J Giller #4 *25 B 338-345-1340-1455-1855		
Cal	W K Gust Co	3177 Glendale Blvd, Los Angeles, Cal	NO5-1195
Cal	Peninsula Associates	1345 Hancock St, Redwood City, Cal	EM9-1226
Md	C E Snow Co	8218 Wisconsin Ave, Bethesda, Md	OL4-1767
Mass	Raytronics Co	11 Brown Rd, Swampscott, Mass	LY2-1601
NJ	Central Associates	44 N Dean St, Englewood, NJ	LO8-0800
NY	Central Associates	11 April Dr, Old Bethpage, NY	PY6-1577
Pa	C E Snow Co	613 Cheltenham Ave, Philadelphia, Pa	CA4-2626
•	**ELASTIC STOP NUT CORP OF AMERICA**	**2330 Vauxhall Rd, Union, NJ**	**MU6-6000**
	D Sorenson *2000 G 1205		
Cal	Collins-Powell Co	5747 Alton Dr, Beverly Hill, Cal	CR4-4071
Fla	A K Whitner	1315 21st St, W., Bradenton, Fla	EM5-2535
Ill	Elastic Stop Nut Corp of America	5440 N. Lawrence Ave, Chicago 30, Ill	SP7-8000
Mass	Hans E Swendsboe	1497 Highland Ave, Needham 92	HI4-1361
Mich	Elastic Stop Nut Corp of America	2490 N. Maple Rd, Birmingham, Mich	MI6-6700
Mo	Elastic Stop Nut Corp of America	225 W. 79th St, Kansas City 14, Mo	DE3-6354-5
Ohio	Elastic Stop Nut Corp of America	3100 Warren Rd, Cleveland 16, Ohio	EDI-4222
Pa	Elastic Stop Nut Corp of America	249 Conestoga Rd. Wayne	MU2-3667
Tex	C H Schauer	707 North H Dr. Richardson	AD5-4843
Canada	A J Campbell & Co Ltd	1440 St. Catherine St, W. Montreal 25	UN6-8036
	ELCO CORP	**M St, below Erie Ave, Phila 24, Pa**	**CU9-5500**
	L Roberts #6 *450 345-1325-1580-1630		
Ala	Duckett-Throckell Sales Co	Box 735, Birmington, Ala	TR1-6642
Alaska	S Straus Co	3612 Broadway, Seattle, Wash	EA3-6117
Ariz	Jack Berman Co	8156 N. 1st Ave, Phoenix, Ariz	
Ark	Ammon & Woods Associates	5402 E. Mockingbird Ln, Dallas, Tex	TA6-4171
Cal	E L Berman Co	430 9th St, San Francisco, Cal	UN3-0317
Cal	Jack Berman Co	11415 LaCienega Blvd, L A 35, Cal	OL5-4610
Colo	McLeod & Raymond	1403 E. Evans Ave, Denver 22, Colo	SK6-1589
Conn	Henry Levin Associates	Box 196, Meriden, Conn	BE7-5527
Del	Hillard Associates	1125 Old York Rd, Abington, Pa	TU4-6100
DC	Ansell Engineering Co	11212 Grandview Ave, Silver Spring, Md	LO5-0960
Fla	Smith Duckett Sales Co	Box 1046, Stuart, Fla	AT7-1252
Ga	Giddings-Duckett	Box 11657, Atlanta, Ga	CE3-5108
Hawaii	E L Berman	430 9th St, San Francisco, Cal	UN3-0317
Idaho	McLeod & Raymond	1403 E. Evans Ave, Denver 22 Colo	SK6-1589
Idaho	Straus	3612 Broadway, Seattle, Wash	EA3-6117
Ill	D Sohn Sales	3553 N. Peterson Ave, Chicago, Ill	JU8-3700
Ill	R W Farris Co	406 W. 34th St, Kansas City, Mo	PL3-9150
Ind	Morris Cunningham & Associates	6258 College Ave Bldg, Indianapolis 20	CL1-3222
Iowa	R W Farris Co	406 W. 34th St, Kansas City, Mo	PL3-9150
Kan	R W Farris Co	406 W. 34th St, Kansas City, Mo	PL3-9150
Ky	Morris Cunningham & Associates	6258 College Ave Bldg, Indpls 20, Ind	CL1-3222
La	Ammon & Woods Associates	5402 E. Mockingbird Ln, Dallas, Tex	TA6-4171
Me	H Levin Associates	67 Curve St, Needham, Mass	HI4-3145
Md	Ansell Engineering	11212 Grandview Ave, Silver Spring, Md	LO5-0960
Md	Hillard	1125 Old York Rd, Abington, Pa	TU4-6100
Mass	H Levin Associates	67 Curve St, Needham, Mass	HI4-3145
Mass	Henry Levin Associates	P.O. Box 196, Meriden, Conn	BE7-5527
Mich	ABM Sales	10116 Puritan Ave, Detroit 38, Mich	UN2-1100
Minn	Jack Heimann Co	1711 Hawthorne St, Minneapolis 3, Minn	FE2-5457
Miss	Duckett-Throckell	Box 735, Birmingham, Ala	TR1-6642
Mo	R W Farris Co., Inc	406 W. 34th St, Kansas City, Mo	PL3-9150
Mont	McLeod & Raymond	1403 E. Evans Ave, Denver 22, Colo	SK6-1589
Neb	R W Farris Co, Inc	406 W. 34th St, Kansas City, Mo	PL3-9150
Nev	McLeod & Raymond	1403 E. Evans Ave, Denver 22 Colo	SK6-1589
Nev	E L Berman	430 9th St, San Francisco, Cal	UN3-0317
NH	H Levin Associates	67 Curve St, Needham, Mass	HI4-3145
NJ	Hillard Associates	1125 Old York Rd, Abington, Pa	TU4-6100
NJ	Fred Spellman Co	200 Pondview Rd, Manhasset, NY	MA7-3399
NM	McLeod & Raymond	1403 E. Evans Ave, Denver, Colo	SK6-1589
NY	L D Allen Inc	115 Luther St, Syracuse, NY	GR1-3100
NY	Fred Spellman Co	200 Pondview Rd, Manhasset, NY	MA7-3399
ND	Jack Heimann Co	1711 Hawthorne St, Minneapolis, Minn	FE2-5457
Ohio	Baehr-Greenleaf	14700 Detroit Ave, Cleveland, Ohio	LA1-5464
Okla	Ammon & Woods Associates	5402 E. Mockingbird Ln, Dallas, Tex	TA6-4171
Ore	S Straus Co	3612 Broadway, Seattle, Wash	EA3-6117
Pa	Hillard	1125 Old York Rd, Abington, Pa	TU4-6100
Pa	Lowry-Dietrich Co	1404 Swissvale St, Pittsburgh, Pa	WA1-3000
RI	H Levin	Needham, Mass	
SD	Jack Heimann	1711 Hawthorne St, Minneapolis, Minn	FE2-5457
Tenn	Giddings Duckett	Box 11657, Atlanta, Ga	CE3-5108

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Tex	Ammon & Woods Association	5602 E. Mockingbird Ln, Dallas, Tex	TA6-4171
Utah	McLeod & Raymond	5402 E. Evans Ave, Denver, Colo	[illegible]
Vt	Levin-Morden	Needham, Mass	
Va	Ansell Engineering Co.	[illegible] Ave, Silver Spring, Md	
Wash	S Strum Co	1612 Broadway, Seattle, Wash	EA3-6117
W. Va	Lowry-Dietrich	1404 Seventh St, Pittsburgh, Pa	WA1-2969
Wisc	Jack Heimann Co	1711 Hawthorne St, Minneapolis, Minn	FE2-5457
Wyo	McLeod & Raymond	5402 E. Evans Ave, Denver, Colo	SK6-1509
	ELCO TOOL & SCREW CORP	**1111 Samuelson Rd, Rockford, Ill**	**WO4-8611**
	J Rathke #8 *500 F 125-645-1535		
Cal	H B Ferguson	1217 Bonton St, Alhambra, Cal	MU1-4724
Cal	McClure Western Inc	51 Fremont St, San Francisco, Cal	YU6-1006
Del	David B Lilly Co., Inc	100 N. Cleveland Ave, Wilmington 5, Del	OL4-8844
Ill	R C Jacobson	5949 N.W. Ave, Chicago 39, Ill	BE7-1000
Ind	E E Lagerholm	4405 Berkshire Rd, Indianapolis 18, Ind	LI7-3233
Iowa	F W Lagerholm	341-43rd St, Des Moines 12, Iowa	CR7-9513
Mich	Rich-King Corp	2400 W. Maple Rd, Birmingham	MI6-8870
Mich	M C Snyder Co	Michigan Natl Tower, Lansing 4, Mich	IV7-5475
Minn	R E Anderson	3418 E. Lake St, Minneapolis 6, Minn	PA9-2614
Mo	W R Forson	6221 Sunshine Dr, St Louis 9, Mo	VE2-4908
NJ	H D Newman	366 Owen Ave, Fair Lawn, NJ	SW6-1600
Ohio	C L Kerr & Associates Inc	21870 St. Clair Ave, Cleveland 17, Ohio	AN1-1840
Ohio	E G Sedgwick	P.O. Box 2581, Sta B, Toledo 6, Ohio	JE1-2701
Ore	Pacific Electric Sales Co	140 SE 28th Ave, Portland 14, Ore	BE5-4137
Tenn	Keith Walstrom	5540 Mason Cove, Memphis, Tenn	MU2-1109
Tenn	T S Stone	P.O. Box 1361, Knoxville 1, Tenn	8-1969
Tex	H W Potter	2701 Culton St, Fort Worth, Tex	ED6-6377
	ELCON LAB. INC	**238 Main St. Cambridge 42, Mass**	**TR6-8855**
	R Olsen #7 *12 B 35-325-885-895-1210		
	ELCOR INC	**1225 W. Broad St, Falls Church, Va**	**JE2-8850**
	J Walton #3 *14 B 255-338-895-1135-1340-1855		
	ELDEMA CORP	**1805 Bekroft Ave. El Monte, Cal**	**GI3-6127**
	T Moore #3 *50 D 990-1735		
Ala	F Fausett & Co	777 Pinehurst Terrace, SW, Atlanta, Ga	PL3-3104
Ariz	E J Foley & Associates	3840 N. Jokake Dr, Scottsdale, Ariz	WH5-4290
Cal	Cerruti & Assoc	116 Cypress St, Redwood City	EM9-3354
Cal	A-F Sales Eng. Inc	94 S. Los Robles, Pasadena	MU1-5631
Conn	Schutter-Young Co	5 Ober St, Beverly, Mass	WA2-6121
Del	Keefe Electronic Sales Co	228 E. Kings Hwy, Haddonfield, NJ	HA9-4650
Fla	Jack Geartner Co	235 Lincoln Rd, Miami Beach, Fla	JE1-0200
Ga	F Fausett & Co	777 Pinehurst Terrace, SW, Atlanta	PL3-3104
Haw	Cerruti & Assoc	116 Cypress St, Redwood City, Cal	EM9-3354
Ill	H Sarkis Inc	5604 N. Western Ave. Chicago 45	AR1-3774
Ind	Warner-Kesler & Assoc	Box 338, S. Whitley	723-5353
Iowa	J Durbin Co	Box 5859, Ferguson Sta. St. Louis, Mo	JA1-1233
Kan	J Durbin Co	Box 5859, Ferguson Sta. St. Louis, Mo	JA1-1233
Ky	Warner-Kesler & Assoc	Box 338, S. Whitley, Ind	723-5353
La	Southern Ind. Electronics	2118 Exchange Pk. Dallas 35, Tex	FL2-3901
Me	Schutter-Young Co	5 Ober St, Beverly, Mass	WA2-6121
Md	Keefe Electronic Sales Co	228 E. Kings Hwy. Haddonfield, NJ	HA9-4650
Mass	Schutter-Young Co	5 Ober St, Beverly, Mass	WA2-6121
Mich	Heinchen Jensen & Co	2442 W. Grand Blvd, Detroit 2, Mich	TR1-0330
Minn	Edward Hoffman Co	180 N. Snelling Ave, St. Paul 4, Minn	MI5-4662
Mo	J. Durbin Co	Box 5859, Ferguson Sta. St. Louis	JA1-1233
Neb	J Durbin Co	Box 5859, Ferguson Sta. St. Louis, Mo	JA1-1233
Nev	Cerruti & Assoc	116 Cypress St, Redwood City, Cal	EM9-3354
NH	Schutter-Young Co	5 Ober St, Beverly, Mass	WA2-6121
NJ	H G Richter Inc	467 Hillside Ave. Westfield	AD3-4615
NJ	Keefe Electronic Sales Co	228 E. Kings Hwy. Haddonfield	HA9-4650
NM	E J Foley & Associates	3840 N. Jokake Dr, Scottsdale, Ariz	WH5-4290
NY	H G Richter Inc	467 Hillside Ave, Westfield, NJ	AD3-4615
NY	E J Schomburg Co	830 Linden Ave. Rochester 10	LU6-0725
NC	F Fausett & Co	777 Pinehurst Terrace, SW, Atlanta, Ga	PL3-3104
ND	Edward Hoffman Co	180 N. Snelling Ave, St. Paul 4, Minn	MI5-4662
Ohio	R G Sidnell & Co	1229 Westlake Ave, Cleveland 7, Ohio	AC1-1313
Okla	Southern Ind. Electronics	2118 Exchange Pk. Dallas 35, Tex	FL2-3901
Ore	Associated Industries	1752 Rainier Ave. Seattle 44, Wash	EA5-4400
Pa	R G Sidnell & Co	1229 Westlake Ave, Cleveland 7, Ohio	AC1-1313
Pa	Keefe Electronic Sales Co	228 E. Kings Hwy. Haddonfield, NJ	HA9-4650
RI	Schutter-Young Co	5 Ober St, Beverly, Mass	WA2-6121
SC	F Fausett & Co	777 Pinehurst Terrace, SW, Atlanta, Ga	PL3-3104
SD	Edward Hoffman Co	180 N. Snelling Ave, St. Paul 4, Minn	MI5-4662
Tenn	F Fausett & Co	777 Pinehurst Terrace, SW, Atlanta, Ga	PL3-3104
Tex	Southern Ind. Electronics	2118 Exchange Pk. Dallas 35	FL2-3901
Vt	Schutter-Young Co	5 Ober St, Beverly, Mass	WA2-6121
Va	F Fausett & Co	777 Pinehurst Terrace, SW, Atlanta, Ga	PL3-3102
Wash	Associated Industries	1752 Rainier Ave. Seattle 44	EA5-4400
Wis	H Sarkis Inc	5604 N. Western Ave. Chicago 45, Ill	AR1-3774
Wisc	Edward Hoffman Co	180 N. Snelling Ave, St. Paul 4, Minn	MI5-4662
•	**ELDORADO ELECTRONICS**	**2821 10th St, Berkeley, Cal**	**TH1-4613**
	K Bosford #10 *32 D 338-895-1810		
Cal	Windsor Dynamics, Inc	PO Box 1295, Sherman Oaks	ST9-2421
Conn	Measurement Eqpt Co, Inc	244 Main St. North Reading, Mass	RE2-4520
Del	A & M Associates	1145 19th St, N.W., Washington, DC	DI7-3592
DC	A & M Associates	1145 19th St, N.W., Wash, DC	DI7-3592
Ill	Ben Z Rubin Co	617 N Grove Ave, Oak Park	EU3-0171
Me	Measurement Eqpt Co, Inc	244 Main St. North Reading, Mass	RE2-4520
Md	A & M Associates	1145 19th St, N.W., Wash, DC	DI7-3592
Mass	Measurement Eqpt Co Inc	244 Main St, North Reading	RE2-4520
Mich	Ben Z Rubin Co	12838 Fenkell Ave, Detroit 27	
NJ	Lenthor Enterprises	165 Franklin Ave, Nutley, NJ	NO7-2900
NH	Measurement Eqpt Co, Inc	244 Main St. North Reading, Mass	RE2-4520
NM	Aztec Enterprises	525 San Pedro NE, Albuquerque	AM8-6421
NY	Lenthor Enterprises	165 Franklin Ave, Nutley, NJ	NO7-2900
Ohio	Ben Z Rubin Co	515 E Grand Ave, Springfield	FA2-5810
Pa	A & M Associates	1145 19th St, N.W., Wash, DC	DI7-3592
Pa	H E Ransford Co	5400 Clairton Blvd, Pittsburgh, Pa	TU4-3425
RI	Measurement Eqpt Co, Inc	244 Main St. North Reading, Mass	RE2-4520
Vt	Measurement Eqpt Co, Inc	244 Main St. North Reading, Mass	RE2-4520
Va	A & M Associates	1145 19th St, N.W., Wash, DC	DI7-3592
Wash	Testco	Boeing Field, Seattle	PA3-1800
W. Va	H E Ransford Co	5400 Clairton Blvd, Pittsburgh, Pa	TU4-3425

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
•	**ELECTRA MFG CO., ELECTRONICS DIV**	**4051 Broadway, Kansas City, Mo**	**WE1-6864**
	R Means F 1475		
Ala	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Ariz	Fryco Inc	Lightnall Bldg, Scottsdale, Ariz	WH5-3281
Ark	Texport Co., The	2147 Farrington St. Dallas 7, Tex	RI8-6458
Cal	Henry W Bertram	636 Jefferson Ave. Redwood City	EM8-7757
Cal	Electra Mfg. Co	5350 E Beverly Blvd. LA 22	OV5-7313
Colo	T R Van Wagoner Co	1415 S Main St. Salt Lake City, Utah	HU6-7252
Conn	Samuel C Hooker Inc	2 Winchester Pl, Winchester, Mass	PA9-2745
Del	Rothenheber & Co	51 Cricket Ave, Ardmore, Pa	MI2-6911
DC	James W Whitfield	6806 Onondaga Rd, Wash 16, DC	EX3-5640
Fla	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Ga	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Idaho	T R Van Wagoner Co	1415 S Main St. Salt Lake City, Utah	HU6-7251
Ill	D Dolin Sales	3553 Peterson Ave, Chicago 45, Ill	JU8-3738
Ind	Morris-Cunningham & Assoc	6288 N College Ave, Indpls. 20	CL1-0225
Iowa	Engineering Services Co	1305 Oakland Gardens, Cedar Rapids, Iowa	EM5-6183
Kan	Engineering Services Co	1305 Oakland Gardens, Cedar Rapids, Iowa	EM5-6183
Ky	Morris-Cunningham & Assoc	6288 N College Ave. Indpls. 20, Ind	CL1-3222
La	Texport Co., The	2147 Farrington Blvd, Dallas 7, Tex	RI7-6886
Me	Samuel C Hooker Inc	2 Winchester Pl, Winchester, Mass	PA9-2745
Md	James C Whitfield	6806 Onondaga Rd, Wash 16, DC	EX3-5640
Mass	Samuel C Hooker Inc	2 Winchester Pl, Winchester, Mass	PA9-2745
Mich	Service Equipment Electronics Inc	4500 Euclid Ave, Cleveland, Ohio	HE1-7030
Mich	D Dolin Sales	5219 N Hopkins St. Milwaukee 9, Wis	HO3-7410
Minn	R G Ragon Inc	1406 W. Idaho Ave, St. Paul 13, Minn	MI6-6937
Miss	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Mo	Engineering Services Co	4550 Main St, Kansas City, Mo	JE1-7765
Mo	Engineering Services Co	6635 Delmar, St. Louis 5, Mo	VO3-3660
Mont	T R Van Wagoner Co	1415 S Main St. Salt Lake City, Utah	HU6-7251
Neb	Engineering Services Co	1305 Oakland Gardens, Cedar Rapids, Iowa	EM5-6183
Nev	T R Van Wagoner Co	1415 S Main St. Salt Lake City, Utah	HU6-7251
NH	Samuel C Hooker Inc	2 Winchester Pl, Winchester, Mass	PA9-2745
NJ	J L Heller Associates	139-30 34th Rd, Flushing 34, NY	FL3-8900
NJ	Rothenheber & Co	53 Cricket Ave, Ardmore, Pa	MI2-6911
NM	Fryco Inc	Box 469, Scottsdale, Ariz	WH5-3281
NY	J L Heller Associates	139-30 34th Rd, Flushing 34, NY	FL3-8900
NY	Edward E Harries	380 Norwood, Buffalo 22	TT6-0912
NY	Samuel C Hooker Inc	2 Winchester Pl, Winchester, Mass	PA9-2745
NY	Rothenheber & Co	53 Cricket Ave. Ardmore, Pa	MI2-6911
NC	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
ND	R C Ragon Inc	1406 W. Idaho Ave. St Paul 13, Minn	MI6-6937
Ohio	Service Equipment Electronics Inc	4500 Euclid Ave, Cleveland, Ohio	HE1-7030
Okla	Texport Co., The	2147 Farrington Blvd, Dallas 7, Tex	RI7-6886
Ore	Farwest Agencies	209 1st Ave. S, Seattle 4, Wash	MA4-5656
Pa	Rothenheber & Co	53 Cricket Ave, Ardmore, Pa	MI2-6911
RI	Samuel C Hooker Inc	2 Winchester Pl, Winchester, Mass	PA9-2745
SC	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
SD	R G Ragon Inc	1406 W. Idaho Ave, St. Paul 13, Minn	MI6-6937
Tenn	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Tex	Texport Co., The	2147 Farrington Blvd, Dallas 7, Tex	RI7-6886
Utah	R R Van Wagoner Co	1415 S Main St. Salt Lake City, Utah	HU6-7215
Vt	Samuel C Hooker Inc	2 Winchester Pl, Winchester, Mass	PA9-2745
Va	James W Whitfield	6806 Onondaga Rd, Wash 16, DC	EX3-5640
Wash	Farwest Agencies	209 1st Ave. S, Seattle 4	MA4-5656
Wisc	R G Ragon, Inc	1406 W Idaho Ave. St. Paul 13, Minn	MI6-6937
Wyo	T R Van Wagoner Co	1415 S Main St. Salt Lake City, Utah	HU6-7215
For	Terminal Radio Intl, Ltd	240 W 17th St. NY 11	CH3-5200
Canada	S C Hooker (Canada) Ltd	2425 Grand Blvd, Montreal 18, Que, Can	HU8-8321
	ELECTRADA CORP	**11244 Playa St. Culver City, Cal**	**UP0-9883**
	C Moorschoort #44 *97 D 25-45-50-195-220-325-338-345-365-385-635-650-670-810-865-895-900-1125-1135-1150-1155-1200-1760-1902-1940		
Ala	Cain & Co	410 - 150th Ave. St Petersburg 8, Fla	WA1-0151
Alas	Cain & Co	7736 - 33rd NE, Seattle 5, Wash	MA3-3303
Ariz	Cain & Co	1134 Garnet Ave. San Diego 9, Cal	HU8-0665
Ark	Cain & Co	203 Linda Ln. Irving, Tex	BL5-2050
Cal	Cain & Co	2615 W Magnolia Blvd. Burbank	VI9-6781
Colo	Cain & Co	1437 San Mateo NE, Albuquerque, NM	268-5300
Conn	Cain & Co	1644 Massachusetts Ave. Lexington, Mass	VO2-5330
Del	Cain & Co	1107 Greenbriar Rd. Haddonfield, NJ	HA8-3700
DC	Cain & Co	734 - 15th St NW, Washington 5	EX3-7587
Fla	Cain & Co	410 - 150th Ave. St Petersburg 8	WA1-0151
Ga	Cain & Co	410 - 150th Ave. St Petersburg 8, Fla	WA1-0151
Haw	Cain & Co	2615 W Magnolia Blvd. Burbank, Cal	VI9-6781
Idah	Cain & Co	7736 - 33rd NE, Seattle 5, Wash	MA3-3303
Ill	Cain & Co	3508 Devon Ave. Chicago 45	OR6-9500
Ind	Cain & Co	3508 Devon Ave. Chicago 45, Ill	OR6-9500
Iowa	Cain & Co	3508 Devon Ave. Chicago 45, Ill	OR6-9500
Kan	Adco Industries, Inc	704 S Cheyenne, Tulsa, Okla	LU7-6189
Ky	Cain & Co	P O Box 184, Yellow Springs, Ohio	RO7-8661
La	Cain & Co	203 Linda Ln. Irving, Tex	BL5-2050
Me	Cain & Co	1644 Massachusetts Ave. Lexington, Mass	VO2-5330
Md	Cain & Co	735 - 15th St NW, Washington 5, DC	EX3-7587
Mass	Cain & Co	1644 Massachusetts Ave. Lexington	VO2-5330
Mich	Cain & Co	3508 Devon Ave. Chicago 45, Ill	OR6-9500
Minn	Cain & Co	3508 Devon Ave. Chicago 45, Ill	OR6-9500
Miss	Cain & Co	203 Linda Ln. Irving, Tex	BL5-2050
Mo	Adco Industries, Inc	704 S Cheyenne, Tulsa, Okla	LU7-6189
Mont	Cain & Co	7736 - 33rd NE, Seattle 5, Wash	MA3-3303
Neb	Cain & Co	3508 Devon Ave. Chicago 45, Ill	OR6-9500
Nev	Cain & Co	22331 Holt Ave. Los Altos, Cal	YO8-0695
NH	Cain & Co	1644 Massachusetts Ave. Lexington, Mass	VO2-5330
NJ	Cain & Co	10 Columbus Circle, New York 19, NY	PL7-8277
NM	Cain & Co	1437 San Mateo NE, Albuquerque	268-5300
NY	Cain & Co	10 Columbus Circle, New York 19	PL7-8277
NC	Cain & Co	410 - 150th Ave. St Petersburg 8, Fla	WA1-0151
ND	Cain & Co	3508 Devon Ave. Chicago 45, Ill	OR6-9500
Ohio	Cain & Co	P O Box 184, Yellow Springs	RO7-8661
Okla	Adco Industries, Inc	704 S Cheyenne, Tulsa	LU7-6189
Ore	Cain & Co	7736 - 33rd NE, Seattle 5, Wash	MA3-3303
Pa	Cain & Co	1107 Greenbriar Rd. Haddonfield, NJ	HA8-3700
RI	Cain & Co	1644 Massachusetts Ave. Lexington, Mass	VO2-5330
SC	Cain & Co	410 - 150th Ave. St Petersburg 8, Fla	WA1-0151
SD	Cain & Co	3508 Devon Ave. Chicago 45, Ill	OR6-9500
Tenn	Cain & Co	410 - 150th Ave. St Petersburg 8, Fla	WA1-0151
Tex	C M McCulloch Co	625 N Santa, Fort Worth	TE8-7954

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Utah	Cain & Co	1437 San Mateo NE, Albuquerque, NM	268-5300
Vt	Cain & Co	1644 Massachusetts Ave. Lexington, Mass	VO2-5330
Va	Cain & Co	734 15th St. NW, Washington 5, DC	
Wash	Cain & Co	7736 - 33rd NE, Seattle 5	MA3-3303
W Va	Cain & Co	P O Box 184, Yellow Springs, Ohio	RO7-8661
Wis	Cain & Co	3508 Devon Ave. Chicago 45, Ill	OR6-9500
Wyo	Cain & Co	1437 San Mateo NE, Albuquerque, NM	268-5300
•	**ELECTRALAB PRINTED ELECTRONICS CORP.**	**175 A St. Needham Hts. 94, Mass**	**HI4-3912**
	R Zens #12 *300 E 280-1075-1150-1305-1530	**1105 2nd St. Encinitas, Cal**	**PL3-1181**
	W Irwin #3 *150 E 280-1075-1150-1305-1530		
Alaska	Ray Johnston Co	1011 E. 69th St, Seattle, Wash	EM2-0956
Ariz	Patrick R Molloy	Box 265, Scottsdale	
Ark	C D Daniels Co	Box 8511, Tulsa, Okla	LU4-1142
Conn	Insulating Fabricators of New England	69 Grove St, Watertown, Mass	WA3-9800
DC	Hebco Electronic Sales Co	603 Allegheny Ave, Towson 4, Md	VA5-9637
Del	Hebco Electronic Sales Co	603 Allegheny Ave, Towson 4, Md	VA5-9637
Fla	Repco Sales Co	Box 58-1164, Miami 38	PL7-2911
Idaho	Ray Johnston Co	1011 E. 69th St, Seattle, Wash	EM2-0956
Ill	Armstrong Associates	10116 Puritan Ave, Detroit 38, Mich	UN2-1300
Ill	E B Schwerin Co	4210 Main St, Kansas City, Mo	WE1-7564
Ind	Armstrong Associates	10116 Puritan Ave, Detroit 38, Mich	UN2-1300
Iowa	C D Daniels Co	Box 8511, Tulsa, Okla	LU4-1142
Kan	E B Schwerin Co	4210 Main St, Kansas City, Mo	WE1-7564
Mass	Insulating Fabricators of New England	69 Grove St, Watertown, Mass	WA3-9800
Md	Hebco Electronic Sales Co	603 Allegheny Ave, Towson 4, Md	VA5-9637
Me	Insulating Fabricators of New England	69 Grove St, Watertown, Mass	WA3-9800
Mich	Armstrong Associates	10116 Puritan Ave, Detroit 38, Mich	UN2-1300
Minn	Armstrong Associates	10116 Puritan Ave, Detroit 38, Mich	UN2-1300
Mo	E B Schwerin Co	4210 Main St, Kansas City, Mo	WE1-7564
Mont	Ray Johnston Co	1011 E. 69th St, Seattle, Wash	EM2-0956
Neb	E B Schwerin	4210 Main St, Kansas City, Mo	WE1-7564
NH	Insulating Fabricators of New England	69 Grove St, Watertown, Mass	WA3-9800
NJ	George McCarthy	685 Chestnut Ave, Teaneck, NJ	TE6-0996
NM	C D Daniels Co	Box 8511, Tulsa, Okla	LU4-1142
NY	Franklin & Andrews Sales Corp	2 Stanford Terr. Syracuse 3	GI6-1120
NY	George McCarthy	685 Chestnut Ave, Teaneck, NJ	TE6-0996
NC	Dula Assoc. Inc	Box 5316, Winston-Salem	PA3-4265
Ohio	Jay Engineering Co	Box 175, Sta. A, Dayton 3	CL3-2151
Ohio	Jay Engineering Co	4712 W 130th St. Cleveland 35	CL2-0486
Okla	C D Daniels Co	Box 8511, Tulsa, Okla	LU4-1142
Ore	Ray Johnston Co	1011 E. 69th St, Seattle, Wash	EM2-0956
Pa	George McCarthy	685 Chestnut Ave. Teaneck, NJ	TE6-0996
Pa	Franklin & Andrews Sales Corp	2 Stanford Terr. Syracuse 3	GI6-1120
Pa	Jay Engineering Co	Box 175, Sta. A, Dayton 3, Ohio	CL3-2151
Pa	Jay Engineering Co	4712 W 130th St. Cleveland 35, Ohio	CL2-0486
RI	Insulating Fabricators of New England	69 Grove St, Watertown, Mass	WA3-9800
SC	Dula Assoc. Inc	Box 5316, Winston-Salem, NC	PA3-4265
Tenn	Dula Assoc. Inc	Box 5316, Winston-Salem, NC	PA3-4265
Tex	C D Daniels Co	Box 8511, Tulsa, Okla	LU4-1142
Va	Hebco Electronic Sales Co	603 Allegheny Ave, Towson 4, Md	VA5-9637
Vt	Insulating Fabricators of New England	69 Grove St, Watertown, Mass	WA3-9800
Wash	Ray Johnston Co	1011 E. 69th St, Seattle, Wash	EM2-0956
W Va	Jay Engineering Co	Box 175, Sta. A, Dayton 3, Ohio	CL3-2151
W Va	Jay Engineering Co	4712 W 130th St. Cleveland 35, Ohio	CL2-0486
Wisc	Armstrong Associates	10116 Puritan Ave, Detroit 38, Mich	UN2-1300
Canada	J B Smyth Co	380 Craig St, Montreal 1, Quebec, Canada	HA0729
Foreign	Cannon Plugs Ltd	Wood & Matthews, Melbourne, Australia	FX-4161
	ELECTRAN MFG CO	**1909 N. Clybourn, Chicago, Ill**	**BI8-4596**
	H Hebenthal #4 *60 D 320-1330-1340-1855		
Cal	Robson Co	4206 W. 183rd St, Torrance, Cal	FR5-5511
Conn	Forbes Engineering	19 Flint St, Salem, Mass	PI4-1953
Ill	Ed Harrison	5150 N. Milligan, Chicago, Ill	RO3-9445
Ill	Gordon Fiman Engineering Co	9180 Stanford Ave, St. Louis, Mo	PA5-5219
Ind	R C Warner & Associates	Box 338, S. Whitley, Ind	353
Kan	Gordon Fiman Engineering Co	9180 Stanford Ave, St. Louis, Mo	PA5-5219
Mass	Forbes Engineering	19 Flint St, Salem, Mass	PI4-1953
Mich	R C Warner & Associates	Box 338, S. Whitley, Ind	353
Mo	Gordon Fiman Engineering Co	9180 Stanford Ave, St. Louis	PA5-5219
Ohio	R C Warner & Associates	Box 338, S. Whitley, Ind	353
Tex	South and Sales	2425 W. Holcombe St. Houston 25	
Wyo	E Harrison	5150 N. Milligan, Chicago, Ill	RO3-9445
	ELECTREND PRODUCTS CORP	**State & Water Sts, St. Joseph, Mich**	**YU3-3578**
	45-320-895		
Ala	L R Massey Co	304 E. Jefferson, Greenwood, Miss	GL3-3338
Ariz	Henry Feldman Co	Box 66167, Los Angeles 66, Cal	RI5-4803
Ark	L R Massey Co	304 E. Jefferson, Greenwood, Miss	GL3-3338
Cal	Henry Feldman Co	Box 66167, Los Angeles 66, Cal	RI5-4803
Cal	Simi-Johnson Inc	845 Jessie St, San Francisco, Cal	FI5-5984
Colo	Peyser & Co	1191 N. Weber St, Colorado Springs, Colo	ME4-3401
Conn	Alexander Hubert	Box 141, Brookline 36, Mass	AS7-2467
Del	Edward Braddock	Browning Ln, Haddonfield, NJ	HA9-0867
Md	Edward Braddock	Browning Ln, Haddonfield, NJ	HA9-0867
Idaho	Roger W Winthorne Co	0673 S.W. Taylors Ferry, Portland 19, Ore	CH6-4556
La	L R Massey Co	304 E. Jefferson, Greenwood, Miss	GL3-3338
Me	Alexander Hubert	Box 141, Brookline 36, Mass	AS7-2467
Md	Edward Braddock	Browning Ln, Haddonfield, NJ	HA9-0867
Mass	Alexander Hubert	Box 141, Brookline 36, Mass	AS7-2467
Mich	Charles W Hale Co	13215 Fenwell, Detroit, Mich	BR2-0606
Miss	L R Massey Co	304 E. Jefferson, Greenwood, Miss	GL3-3338
Mont	Roger W Winthorne Co	0673 S.W. Taylors Ferry, Portland 19, Ore	CH6-4556
Neb	Peyser & Co	1191 N. Weber St, Colorado Springs, Colo	ME4-3401
Nev	Simi-Johnson Inc	845 Jessie St, San Francisco, Cal	FI5-5984
Nev	Henry Feldman Co	Box 66167, Los Angeles 66, Cal	RI5-4803
NH	Alexander Hubert	Box 141, Brookline 36, Mass	AS7-2467
NJ	Edward Braddock	Browning Ln, Haddonfield, NJ	HA9-0867
NJ	Jack Brown Associates	207 Rosedale Rd, Yonkers, NY	SP9-7200
NM	Peyser & Co	1191 N. Weber St, Colorado Springs, Colo	ME4-3401
NY	U J Callahan	198 S. Edwards Ave, Syracuse 6, NY	HO9-2151
NY	Jack Brown Associates	207 Rosedale Rd, Yonkers, NY	SP9-7200
Ore	Roger W Winthorne Co	0673 S.W. Taylors Ferry, Portland 19	CH6-4556
Pa	Edward Braddock	Browning Ln, Haddonfield, NJ	HA9-0867
Pa	Lowry-Dietrich Co	1404 Seventh St, Pittsburgh 4, Pa	WA1-2969
RI	Alexander Hubert	Box 141, Brookline 36, Mass	AS7-2467
Tenn	L R Massey Co	304 E. Jefferson, Greenwood, Miss	GL3-3338

• INDICATES ADVERTISERS IN THIS ISSUE

FOR EXPLANATION OF SYMBOLS # * A 15 SEE PG. M

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Utah	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Vt	Alexander Hubert	Box 141, Brookline [illegible], Mass	AS7-2467
Va	Edward Bradford	[illegible], Haddonfield, NJ	MA9-0087
Wash	Roger M Minthorne Co	[illegible] S.W. Taylors Ferry, Portland, Ore	CH6-4556
W. Va	Lowry-Dietrich Co	1414 Swissvale St, Pittsburgh 4, Pa	WA1-2959
Wyo	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
	ELECTRIC AUTOLITE CO., THE	**Champlain St, Toledo 1, Ohio**	**CH3-3131**
	E Sarah #125 *11000 G 20-30-70-190-255-315-320-795-875-895-1165-1190-1290-1920-1960		
	ELECTRIC AUTOLITE CO. WIRE & CABLE DIV	**3529 - 24th St. Port Huron, Mich**	**YU5-6131**
	R Kilgore G 895-1960		
Cal	D A Palermo	[illegible] E [illegible] Ave, Gardena	FA1-2184
Ill	L A Lundstrom	600 S Michigan Ave, Chicago 5	WE9-3144
Mass	B E Moreau	10 High St, Boston 10	HA6-0541
Mich	D M Skirving	1109 New Center Bldg, Detroit 2	TR5-2636
Mo	J F Shoulton	1170 Lemington Barracks Rd, St Louis	VI3-0203
NJ	R O Fitzpatrick	[illegible] Ave, Ramsey	DA7-7895
Ohio	F F Edie	[illegible] E Charlotte Ave, Wyoming, Cinn	PO1-3145
Pa	E V [illegible]	[illegible] St, Erie	TE3-9660
Tex	R E Dahlin	P O Box [illegible], Dallas 21	LA1-2939
Wash	R F Brown	[illegible] St, Oakland 3, Cal	NE2-6200
Wis	L R Kuhn	[illegible], Waukesha	LI2-6255
For	Electric Autolite Co	Chrysler Bldg, New York 17, NY	OX7-7440
	ELECTRIC CONTROL INC	**Swan Island Portland, Ore**	
	1805		
	ELECTRIC DESIGN & MFG CORP	**Burlington, Iowa**	**PL2-7685**
	F Balaska #2 *30 B 895		
Cal	Walter Corman	7432 W. 80th St, Los Angeles, Cal	OR0-2520
Ill	Edward Schmeical	5953 W. Chicago Ave, Chicago, Ill	ES8-2070
NY	Cooper-Di Blasi	[illegible] St, Port Washington, NY	PO7-0470
Pa	W E Gwinn	715 Penfield Rd, Glenside, Pa	TU7-4411
	ELECTRIC HOTPACK CO., INC	**5016 Cottman St, Philadelphia 35, Pa**	**DE3-1700**
	P Layne #6 *100 E 250-445-465-735-820-1215		
	ELECTRIC INDICATOR CO., INC	**Camp Ave, Stamford, Conn**	**DA2-1671**
	W Reardon #7 *160 E 895-1165-1745		
Ala	E C Raymond & Associates	P.O. Box 8215, Madeira Beach, Fla	WA1-9735
Ariz	G S Marshall Co	[illegible] Plaza, Scottsdale, Ariz	WH6-5521
Cal	G S Marshall	[illegible] Huntington Dr, San Marino, Cal	RY1-6781
Cal	G S Marshall Co	2015 El Camino Real, Redwood City, Cal	EM5-8214
Conn	Glenn M Hathaway Electronics	238 Main St, Cambridge, Mass	KI7-0380
Del	Angus-Sloane Associates	Moorestown, NJ	BE5-1900
DC	Angus-Sloane Associates	109 S. Royal St, Alexandria, Va	TE6-0302
Fla	E C Raymond & Associates	P.O. Box 8215, Madeira Beach, Fla	WA1-9735
Ga	E C Raymond & Associates	P.O. Box 8215, Madeira Beach, Fla	WA1-9735
Ill	Loren F Green & Associates	5218 W. Devrsey Ave, Chicago, Ill	PA5-6824
Ind	Loren F Green & Associates	5218 W. Devrsey Ave, Chicago, Ill	PA5-6824
Iowa	Loren F Green & Associates	5218 W. Devrsey Ave, Chicago, Ill	PA5-6824
Me	Glenn M Hathaway Electronics	238 Main St, Cambridge, Mass	KI7-0380
Md	Angus-Sloane Associates	109 S. Royal St, Alexandria, Va	TE6-0302
Mass	Glenn M Hathaway Electronics	238 Main St, Cambridge, Mass	KI7-0380
Mich	John J Orr	[illegible] St, S.W., Grand Rapids, Mich	LE4-4029
Minn	Lloyd F Murphy Associates	5943 Hermepin Ave, Mnpls 5, Minn	FR4-2350
NH	Glenn M Hathaway Electronics	238 Main St, Cambridge, Mass	KI7-0380
NJ	Angus-Sloane Associates	Moorestown, NJ	BE5-1900
NY	Ned Allen Inc	P.O. Box 515, Binghamton, NY	WO8-4261
NY	R P Kennedy Co	132 Mayflower Dr, Rochester, NY	BR1-6322
Pa	Angus-Sloane Associates	Moorestown, NJ	BE5-1900
RI	Glenn M Hathaway Electronics	238 Main St, Cambridge, Mass	KI7-0380
Vt	Glenn M Hathaway Electronics	238 Main St, Cambridge, Mass	KI7-0380
Wisc	Loren F Green & Associates	5218 W. Devrsey Ave, Chicago, Ill	PA5-6824
	ELECTRIC MACHINERY MFG CO	**800 Central Ave, Minneapolis 13, Minn**	**FE9-6751**
	C Becker #75 *700 G 360-365-895		
Ala	Electric Machinery Mfg Co	700 Eighth Terr, W., Birmingham 4, Ala	FA2-6511
Ariz	Electric Machinery Mfg Co	P.O. Drawer [illegible], Phoenix 15, Ariz	AL4-8471
Cal	Electric Machinery Mfg Co	P.O. Box 58213, Los Angeles 58, Cal	LU3-1781
Cal	Electric Machinery Mfg Co	420 Market St, San Francisco 11, Cal	EX2-8296
Colo	Electric Machinery Mfg Co	1644 Blake St, Denver 2, Colo	AC2-3515
DC	Electric Machinery Mfg Co	1627 K St, N.W., Wash 6, DC	NA8-9238
Fla	Electric Machinery Mfg Co	P.O. Box 445, Tampa 1, Fla	64-6131
Ga	Electric Machinery Mfg Co	522 N. McDonough St, Decatur, Ga	DR3-9611
Ill	Electric Machinery Mfg Co	20 N. Wacker Dr, Chicago 6, Ill	ST2-7153
Ind	Electric Machinery Mfg Co	Roosevelt Bldg, Indianapolis 4, Ind	ME5-1112
La	Electric Machinery Mfg Co	1719 Toledano St, New Orleans 15, La	TW5-8691
Md	Electric Machinery Mfg Co	333 E. 25th St, Baltimore 18, Md	HO7-3280
Mass	Electric Machinery Mfg Co	131 Clarendon St, Boston 16, Mass	CO7-5333
Mich	Electric Machinery Mfg Co	4117 W. McNichols Rd, Detroit 21, Mich	DI1-8586
Mich	Electric Machinery Mfg Co	Murry Bldg, Grand Rapids 2, Mich	GL9-8156
Minn	Electric Machinery Mfg Co	6 S. 38th Ave, E., Duluth 4, Minn	RA4-2406
Mo	Electric Machinery Mfg Co	P.O. Box 316, Mission, Kan	RA2-3800
Mo	Electric Machinery Mfg Co	4378 Lindell Blvd, St. Louis 8, Mo	OL2-2222
Mont	Electric Machinery Mfg Co	829 Maryland Ave, Butte, Mont	2-5447
NM	Electric Machinery Mfg Co	P.O. Box 701, Albuquerque, NM	DI4-7661
NY	Electric Machinery Mfg Co	343 Harlem Rd, Buffalo 25, NY	WI9200
NY	Electric Machinery Mfg Co	111 E. 42nd St, New York 17, NY	OX7-0955
NC	Electric Machinery Mfg Co	115-1/2 E. Fourth St, Charlotte 2, NC	ED4-4244
Ohio	Electric Machinery Mfg Co	2914 Woodburn Ave, Cincinnati 6, Ohio	PL1-1434
Ohio	Electric Machinery Mfg Co	215 Euclid Ave, Cleveland 14, Ohio	CH1-6369
Okla	Electric Machinery Mfg Co	P.O. Box 727, Tulsa 1, Okla	LU5-5624
Ore	Electric Machinery Mfg Co	1293 N.W. 12th Ave, Portland 9, Ore	CA3-7349
Pa	Electric Machinery Mfg Co	2200 31st St, S.W., Allentown, Pa	SW7-3785
Pa	Electric Machinery Mfg Co	1617 Pennsylvania Blvd, Phila 3, Pa	LO3-7091
Pa	Electric Machinery Mfg Co	355 5th Ave, Pittsburgh 22, Pa	AT1-1186
Pa	Electric Machinery Mfg Co	P.O. Box 654, York, Pa	2-0217
Tenn	Electric Machinery Mfg Co	P.O. Box 205, Knoxville, Tenn	3-0111
Tex	Electric Machinery Mfg Co	1050 Railroad, Beaumont, Tex	TE3-2679
Tex	Electric Machinery Mfg Co	643 N. Port Ave, Corpus Christi, Tex	TU2-9451
Tex	Electric Machinery Mfg Co	1314 Wood St, Dallas 2, Tex	RE8-6691
Tex	Electric Machinery Mfg Co	511 Hawkins Rd, El Paso, Tex	PR2-3233
Tex	Electric Machinery Mfg Co	P.O. Box 1724, Houston 1, Tex	CA5-6661
Utah	Electric Machinery Mfg Co	550 W. 7th South St, Salt Lake City 1, Utah	EL5-5378
Va	Electric Machinery Mfg Co	P.O. Box 171, Richmond 1, Va	MI8-3890

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Wash	Electric Machinery Mfg Co	2603 Western Ave, Seattle 1, Wash	MU2-4950
Wash	Electric Machinery Mfg Co	E. 705 Sprague Ave, Spokane 3, Wash	TE8-8276
W. Va	Electric Machinery Mfg Co	P.O. Box 647, Bluefield, W. Va	DA7-7938
Wisc	Electric Machinery Mfg Co	5906 Port Washington Rd, Milw 17, Wisc	ED2-6140
Canada	Electric Machinery Mfg Co	10301-104th St, Edmonton, Alberta, Can	GA2-6964
Canada	Electric Machinery Mfg Co	926 E. Hastings St, Vancouver 4, B C	MU3-5658
Canada	Electric Machinery Mfg Co	401 Avenue Bldg, Winnipeg 2, Manitoba	WH2-1337
Canada	Electric Machinery Mfg Co	156 Front St, W., Toronto, Ontario	EM4-0111
	ELECTRIC MOTORS & SPECIALTIES INC	**King & Hamsher Sts, Garrett, Ind**	**FL7-4141**
	J Fuhrman #5 *300 895-1165		
	ELECTRIC REGULATOR CORP	**Pearl St, Norwalk, Conn**	**VI7-2401**
	J Ettinger 425-895-1455-1475-1480-1850		
Cal	Harold F Wells	420 Market St. SF	SU1-1108
Cal	Halber Assoc	1001 Glendale Blvd, LA 26	DU2-8087
Conn	American Dynamics Corp	146 Main St, Maynard, Mass	TW7-7293
Del	C A Briggs Assoc	Box 5, Glenside, Pa	TU7-4080
DC	C A Briggs Assoc	Box 5, Glenside, Pa	TU7-4080
Ill	Eng. Services Co	6717 Vernon Ave. St. Louis 30, Mo	PA6-2233
Ill	Electric Regulator Corp	600 S Michigan Ave, Chicago, Ill	WA2-1723
Ind	Sheridan Associates Inc	Roselawn Ctr Bldg, Cincinnati, Ohio	ME1-2460
Iowa	Eng. Services Co	6717 Vernon Ave. St. Louis 30, Mo	PA6-2233
Kan	Eng. Services Co	6717 Vernon Ave. St. Louis 30, Mo	PA6-2233
Ky	Sheridan Assoc. Inc	Roselawn Center Bldg. Cinc, Ohio	ME1-2460
La	Engineering Associates Inc	2912 Stanley, Ft. Worth, Tex	WA3-7386
Me	American Dynamics Corp	146 Main St. Maynard, Mass	TW7-2793
Md	C A Briggs Assoc	Box 51, Glenside, Pa	TU7-4080
Mass	American Dynamics Corp	146 Main St. Maynard	TW7-2793
Mich	Sheridan Associates Inc	Roselawn Ctr Bldg, Cincinnati, Ohio	ME1-2460
Mo	Eng. Services Co	6717 Vernon Ave. St. Louis 30	PA6-2233
Neb	Eng. Services Co	6717 Vernon Ave. St. Louis 30, Mo	PA6-2233
NH	American Dynamics Corp	146 Main St. Maynard, Mass	TW7-2793
NJ	Ellis-Hatter Corp	11 Northern Blvd, Great Neck, NY	HU7-5145
NJ	C A Briggs Assoc	Box 51, Glenside, Pa	TU7-4080
NY	Ellis-Hatter Corp	11 Northern Blvd, Great Neck, NY	HU7-5145
NY	American Dynamics Corp	146 Main St. Maynard, Mass	TW7-2793
Ohio	Sheridan Associates Inc	Roselawn Ctr Bldg, Cincinnati, Ohio	ME1-2460
Okla	Eng. & Eqpt. Co	2912 Stanley, Ft. Worth, Tex	WA3-7386
Pa	C A Briggs Assoc	Box 51 Glenside	TU7-4080
Pa	Sheridan Associates Inc	Roselawn Ctr Bldg, Cincinnati, Ohio	ME1-2460
RI	American Dynamics Corp	146 Main St. Maynard, Mass	TW7-2793
Tex	Eng. & Eqpt. Co	2912 Stanley, Ft. Worth	WA3-7386
Vt	American Dynamics Corp	146 Main St. Maynard, Mass	TW7-2793
Va	C A Briggs Assoc	Box 51 Glenside, Pa	TU7-4080
Canada	R H Nichols Ltd	P.O. Box 500, Downsview, Ontario, Canada	ME3-8190
	ELECTRIC SOLDERING IRON CO	**W. Elm St, Deep River, Conn**	**LA6-5975**
	W Partell *25 1825		
Ala	Gardner & Meredith	424 Georgia Ave. Chattanooga 3, Tenn	AM7-4971
Ariz	G M Hinton	Box 6404, Phoenix	AL4-3949
Cal	J H Kay	10531 S Julius Ave. Downey	TO2-6818
Conn	R W King Co	140 Preston Dr. Meriden	BE5-4608
Del	Ferrell S Carmine	14 Knickerbocker Dr. Newark	NE8-7603
DC	Ferrell S Carmine	14 Knickerbocker Dr. Newark, Del	NE8-7603
Fla	Gardner & Meredith	424 Georgia Ave. Chattanooga 3, Tenn	AM7-4971
Ga	Gardner & Meredith	424 Georgia Ave. Chattanooga 3, Tenn	AM7-4971
Haw	Arthurs Hawaii, Ltd	1108 Pensacola St. Honolulu 4	67-635
Ill	Samuel J Wiley	2060 W Birchwood Ave. Chicago 45	UP8-3313
Ill	H W Knaggs Co	7503 Melba Ln. Belleville	
Ind	Midwest Sales Co	3219 W 117 St. Cleveland 11, Ohio	
Iowa	H W Knaggs Co	7503 Melba Ln. Belleville, Ill	
Kan	H W Knaggs Co	7503 Melba Ln. Belleville, Ill	
Ky	Gardner & Meredith	424 Georgia Ave. Chattanooga 3, Tenn	AM7-4971
La	Gardner & Meredith	424 Georgia Ave. Chattanooga 3, Tenn	AM7-4971
Me	R W King Co	140 Preston Dr. Meriden, Conn	BE5-4608
Md	Ferrell S Carmine	14 Knickerbocker Dr. Newark, Del	NE8-7603
Mass	R W King Co	140 Preston Dr. Meriden, Conn	BE5-4608
Mich	Midwest Sales Co	3219 W 117 St. Cleveland 11, Ohio	
Minn	L H Cox & Assoc	3605 Lynn Ave. St Louis Park 16	WA2-2216
Miss	Gardner & Meredith	424 Georgia Ave. Chattanooga 3, Tenn	AM7-4971
Mo	H W Knaggs Co	7503 Melba Ln. Belleville, Ill	
Neb	H W Knaggs Co	7503 Melba Ln. Belleville, Ill	
Nev	J H Kay	10531 S Julius Ave. Downey, Cal	TO2-6818
NH	R W King Co	140 Preston Dr. Meriden, Conn	BE5-4608
NJ	Newhope Corp., The	6 E 39th St. New York 16, NY	LE2-7372
NY	Newhope Corp., The	6 E 39th St. New York 16	LE2-7372
NC	Gardner & Meredith	424 Georgia Ave. Chattanooga 3, Tenn	AM7-4971
ND	L H Cox & Assoc	3605 Lynn Ave. St Louis Park 16, Minn	WA2-2216
Ohio	Midwest Sales Co	3219 W 117 St. Cleveland 11	
Pa	R A Johnson	124 S Easton Rd. Glenside	TU4-1329
RI	R W King Co	140 Preston Dr. Meriden, Conn	BE5-4608
SC	Gardner & Meredith	424 Georgia Ave. Chattanooga 3, Tenn	AM7-4971
SD	L H Cox & Assoc	3605 Lynn Ave. St Louis Park 16, Minn	WA2-2216
Tenn	Gardner & Meredith	424 Georgia Ave. Chattanooga 3, Tenn	AM7-4971
Vt	R W King Co	140 Preston Dr. Meriden, Conn	BE5-4608
Va	Gardner & Meredith	424 Georgia Ave. Chattanooga 3, Tenn	AM7-4971
W Va	Gardner & Meredith	424 Georgia Ave. Chattanooga 3, Tenn	AM7-4971
Wis	L H Cox & Assoc	3605 Lynn Ave. St Louis Park 16, Minn	WA2-2216
For	Ralph M Sitterley	149 Broadway, New York, NY	BA7-2612
	ELECTRIC STORAGE BATTERY CO. MISSILE BATTERY DIV	**2501 Louisburg Rd. Raleigh, NC**	**TE4-8465**
	W Ashford Jr #15 *290 E 70		
Cal	ESB Co	1043 S. Grand Ave. LA 15	RI9-4436
	ELECTRIC SWITCH CORP	**2320 S. Tibbs Ave, Indianapolis 41, Ind**	**CH1-2871**
	A Sarens #3 *50 C 338-475-670-795-805-895-918-920-1150-1245-1435-1735-1795		
Alas	James L Kearns Co. Inc	6055 NE Glisan St, Portland 13, Ore	BE6-2444
Ark	Wm E Brice Co	303 Bastrop St, Houston 3, Tex	CA2-7321
Cal	Belchamber & French	1465 Bayshore Blvd, San Francisco 24, Cal	JU6-0406
Cal	A W Nash Co	2112 S. Atlantic Blvd, Los Angeles 22	AN9-7304
Conn	Roland S Lee Co., Inc	50 Needham St, Boston 61, Mass	DE2-4737
Conn	E W Rowland Associates	90 West St, New York 6, NY	WH4-8395
Fla	W Chester Smith	207 E. Broward Blvd, Ft. Lauderdale, Fla	JA4-7172
Idaho	James L Kearns Co., Inc	6055 N E Glisan St, Portland 13, Ore	BE6-2444
Ill	Trimble Electronic Sales	77 E. Fairfax, Palatine	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ind	John R Carlson Co	5744 Washington Blvd, Indpls 20	CL3-2676
Ind	Ramey Assoc	116 Walcott Ave. Allegan, Mich	OR3-2145
Ky	Paul Teller Associates	1022 Neeb Rd, Cincinnati 38, Ohio	WI1-1956
La	Wm E Brice Co	303 Bastrop St, Houston 3, Tex	CA2-7321
Me	Roland S Lee Co., Inc	50 Needham St, Boston 61, Mass	DE2-4737
Mass	Roland S Lee Co., Inc	50 Needham St, Boston 61, Mass	DE2-4737
Mich	Ramey Assoc	116 Walcott Ave. Allegan, Mich	OR3-2145
NH	Roland S Lee Inc	50 Needham St, Boston 61, Mass	DE2-4737
NJ	E W Rowland Associates	90 West St, New York 6, NY	WH4-8335
NY	E W Rowland Associates	90 West St, New York 6, NY	WH4-8395
Ohio	Edward E Bock & Associates	3870 W. 212th St, Cleveland 26, Ohio	ED1-5212
Okla	Wm E Brice Co	303 Bastrop St, Houston 3, Tex	CA2-7321
Ore	James L Kearns Co., Inc	6055 N E Glisan St, Portland 13, Ore	BE6-2444
Pa	Edward E Bock & Associates	3870 W. 212th St, Cleveland 26, Ohio	ED1-5212
RI	Roland S Lee Co., Inc	50 Needham St, Boston 61, Mass	DE2-4737
Tex	Wm E Brice Co	303 Bastrop St, Houston 3, Tex	CA2-7321
Vt	Roland S Lee	50 Needham St, Boston 61, Mass	DE2-4737
Wash	James L Kearns Co., Inc	6055 N.E. Glisan St, Portland 13, Ore	BE6-2444
W. Va	Paul Teller Associates	1022 Neeb Rd, Cincinnati 38, Ohio	WI1-1956
Wis	Trimble Electronic Sales	77 W. Fairfax, Palatine, Ill	
	ELECTRIC TACHOMETER CORP	**68th & Upland Sts, Philadelphia, Pa**	**SA6-7723**
	F Porter #3 *50 895		
•	**ELECTRICAL IND DIV PHILIPS ELECTRONICS & PHARMACEUTICAL IND CORP**	**691 Central Ave, Murray Hill, NJ**	**CR7-4300**
	D Wilson #200 *1200 G 800-1545		
Ariz	R S Nelson	1828 E Cambridge Ave, Phoenix, Ariz	AM5-0514
Cal	E V Roberts & Assoc	5068 W Wash Blvd, Los Angeles 16, Cal	WE8-2541
Fla	Jack Geartner	235 Lincoln Rd, Miami Beach, Fla	JE1-[illegible]
Ill	Jerry Golten Co	2750 W North Ave, Chicago, Ill	EV4-5369
Ind	R O Whitesell & Assoc	6620 E Wash St, Indpls, Ind	FL9-5374
Mass	G M Hathaway Electronics Inc	238 Main St, Cambridge, Mass	KI7-0380
Mich	C H Roller Sales	P.O. Box A-[illegible], Grand Rapids, Mich	EM1-9629
Minn	H M Richardson & Co	9 E 22nd St, Minneapolis 4, Minn	FE6-4078
NJ	A L Livera & Assoc	4 Green Village Rd, Madison, NJ	FR7-3220
NM	E L Guhl	532 Graceland Dr, SE Albuquerque, NM	
NY	A L Livera & Assoc	4 Green Village Rd, Madison, NJ	FR7-3220
NY	Electrical Industries	E Molloy Rd, Syracuse 11, NY	GL4-4028
Ohio	Arnold Johnson Co., The	8020 Montgomery Rd, Cincinnati, Ohio	LO1-8826
Ore	Dale G Reimer Co	8 SE Clay St, Portland, Ore	
Pa	Arnold Johnson Co	8020 Montgomery Rd, Cincinnati, Ohio	LO1-8826
Pa	A L Livera & Assoc	4 Green Village Rd, Madison, NJ	FR7-3220
Tex	Koch Engineering & Sales Co	309 Meadows Bldg, Dallas, Tex	EM1-1765
Va	J E McLean Sales Co	P.O. Box 255, Waynesboro, Va	WM2-1234
For	Philips Export Co Div No Amer Philips	100 E 42nd St, New York, NY	OX7-3600
•	**ELECTRICAL INSULATION CO. INC**	**1245 Marconi Blvd. Copiague, NY**	**AM4-6190**
	620-660-900-975-1290-1295-1785-1940		
	ELECTRICAL REFRACTORIES CO	**50 Clark St, East Palestine, Ohio**	**GA6-9433**
	H Moore *60 C 240-380-715-900-1890		
Cal	E A Wilcox Co	171 [illegible] Ave, S., San Francisco	PL6-7[illegible]
Cal	E A Wilcox Co	[illegible] E. Corvette St, Los Angeles 22	RA3-64[illegible]
Ill	Clarence C Schladis	5818 W. Lake St, Chicago 44	CO1-8244
Mich	W A Krogh	350 Maccabees Bldg, Detroit 2, Mich	
Mo	R V Hughes	211 N. 7th St, St. Louis 1	CH[illegible]50
Wash	E A Wilcox Co	[illegible] Arctic Bldg, Seattle 4	MU2-14[illegible]
	ELECTRICAL TESTING LABORATORIES INC	**2 East End Ave., New York 21, N Y**	
	J Schaeffer #24 *110 E		
DC	A Lederman	1500 Massachusetts Ave NW, Wash 5	HU3-4167
	ELECTRICAL WINDINGS INC	**2015 N. Kolmar, Chicago 39, Ill**	**BE5-3360**
	L Kemmerer #3 *125 E 320-1855		
Colo	Electronic Components Sales	2145 S. Clermont St. Denver	PE3-7172
NY	R E Breuer Co., Inc	10 Columbus Circle, New York 19	CO5-044[illegible]
Ohio	H H Seny Co	3850 Farrington Dr, Columbus 21	HU6-9994
Pa	John J Nolan & Assoc	314 N. Sparks St, Phila 20	WA4-15[illegible]
	ELECTRICORD MFG CO	**2554 E. 18th St, Brooklyn, NY**	**NI8-8123**
	C Waxler #1 *60 D 375		
Del	Irv Morse	450 Broadway, NY, NY	CO7-2913
DC	A Wettertahn Co	538 Buena Vista Ave. Maple Shade, NJ	NO2-1611
Fla	Winfield Electronic Sales	666 NE 125th St. North Miami	PL1-5566
Ill	D Dolin Sales	3551 W Peterson Ave. Chicago	JU8-3758
Ind	Morris-Cunningham & Assoc	6208 N College Ave. Indpls	
Iowa	George A Kelly	PO Box 922, Mnpls 40, Minn	GR3-7602
Md	Jerry Merican	1 Christopher St. NY 14, NY	AL5-6307
Mich	R G Dailey Co	149 E Hoover St. Ann Arbor	NO8-5901
Minn	George A Kelly	PO Box 922, Mnpls	GL3-7602
Mo	M Unterberger	5568 Pershing Ave. St Louis 12	VO3-3136
NJ	J Friedman Assoc	Park Dr. Manor B 309, Phila, Pa	GE8-5780
NY	Leo F Dwyer	345 Culver Rd. Rochester	GR3-4345
Ohio	Charles Schaffer Co	1133 Navajo Trail RR14, Indpls, Ind	CL3-6337
Pa	A Wettertahn Co	538 Buena Vista Ave. Maple Shade, NJ	NO2-1611
Tex	Jim Youngblood	1324 Annex Ave. Dallas	
Wis	Joe Kunzelman	5219 N Hopkins Ave. Milwaukee	HO3-7410
	ELECTRO-ACTUATORS INC. DIV. OMEGA PRECISION INC	**757 N Coney Ave. Azusa, Cal**	**ED4-9363**
	J Meder #4 *100 E 20-120-320-345-365-895-1165-1460-1920		
Ariz	Gramer & Assoc	444 W. Camelback Rd. Phoenix	CR9-1231
Cal	G M Howard & Assoc	727 Ind. Rd. San Carlos	LY1-5736
Colo	G M Howard & Assoc	727 Ind. Rd. San Carlos, Cal	LY1-5736
Fla	Johnson Assoc	Box 1676, Casselberry	MI4-3311
Ga	Manufacturers Sale Co	Box 147, Greensboro, NC	BR4-1401
Ill	Harry Halinton Engineers	6400 N. Leavitt Ave. Chicago 30	RO3-2132
Ind	Meyer Materials Inc	6101 N. College Ave. Indpls	CL5-5253
Kan	M L Seyffert & Assoc	Box 32, Webster Grove Sta. St. Louis 19, Mo	WO2-8158
Ky	Meyer Materials Inc	Box 6162, Indpls, Ind	CL5-5253
Me	James M O'Connell	Maple Ave. Atkinson, NH	DA9-6622
Mich	D W Matteson & Assoc	909 W. Mich. Ave. Jackson	ST4-8920
Mo	M L Seyffert & Assoc	Box 32, Webster Grove Sta. St. Louis 19, Mo	WO2-8158
Nev	G M Howard & Assoc	727 Ind. Rd. San Carlos, Cal	LY1-5736
NH	James M O'Connell	Maple Ave. Atkinson	DA9-6622
NJ	Specialty Fastener Co	44 N. Dean St. Englewood	LO8-4454

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NY	Specialty Fastener Co	44 N. Dean St. Englewood, NJ	LO8-4454
NC	Manufacturers Sales Co	Box 147, Greensboro, NC	BR4-1401
Ore	A E Creek	10203 NE. 1st. Bellevue, Wash	GL4-7474
RI	James M O'Connell	Maple Ave. Atkinson, NH	DA9-6622
SC	Manufacturers Sales Co	Box 147, Greensboro, NC	BR4-1401
Tenn	Manufacturers Sales Co	Box 147, Greensboro, NC	BR4-1401
Utah	G M Howard & Assoc	727 Ind. Rd. San Carlos, Cal	LY1-5736
Vt	James M O'Connell	Maple Ave. Atkinson, NH	DA9-6622
Va	Manufacturers Sales Co	Box 147, Greensboro, NC	BR4-1401
Wash	A E Creek	10203 NE. 1st. Bellevue	GL4-7474
Wis	Harry Halinton Engineers	6400 N. Leati Ave. Chicago 30, Ill	RO3-2132
	ELECTRO CAPACITORS CO	**10132 Edes Ave, Oakland 3, Cal**	**LO8-7910**
	D Hacke #2 *25 C 220		
Ala	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta, Ga	TR6-3020
Ariz	Ruby Sales Corp	Box 511, San Fernando, Cal	EM1-1201
Ark	Kay Sales Co	2600 Grand Ave, Kansas City, Mo	BA1-3800
Cal	Ruby Sales Co	Box 511, San Fernando	EM1-1201
Cal	Electrical Mfrs Reps Inc	Box 3425, Terminal Annex, Los Angeles	
Colo	Mark Mueller	1644 Remie St, Denver, Colo	
Conn	Adolph Schwartz	15 Exchange Pl, Jersey City, NJ	DE3-2424
Del	R E Hatfield Co	165 E King St, Lancaster, Pa	
DC	R E Hatfield Co	165 E. King St, Lancaster, Pa	
Fla	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta, Ga	TR6-3020
Ga	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta, Ga	TR6-3020
Ill	G Mc L Cole Co	6514 N. Higgins Rd, Chicago, Ill	SP4-3535
Ind	Robt O Whitesell & Assoc	6620 E. Washington St, Indianapolis, Ind	FL9-5374
Iowa	Kay Sales Co	2600 Grand Ave, Kansas City, Mo	BA1-3800
Kan	Kay Sales Co	2600 Grand Ave, Kansas City, Mo	BA1-3800
Md	R E Hatfield Co	165 E King St. Lancaster, Pa	
Mich	Koehler-Pasmore Co	11870 Hamilton Ave, Detroit, Mich	
Miss	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta, Ga	TR6-3020
Mo	Kay Sales Co	2600 Grand Ave, Kansas City, Mo	BA1-3800
Neb	Kay Sales Co	2600 Grand Ave, Kansas City, Mo	BA1-3800
NJ	Adolph Schwartz	15 Exchange Pl, Jersey City	DE3-2424
NY	Adolph Schwartz	15 Exchange Pl, Jersey City, NJ	DE3-2424
NC	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta, Ga	TR6-3020
Ohio	Walter J Brauer & Associates	16631 Lakewood Heights Blvd, Cleveland, Ohio	
Okla	Kay Sales Co	2600 Grand Ave, Kansas City, Mo	BA1-3800
Pa	R E Hatfield Co	165 E. King St, Lancaster, Pa	
RI	Adolph Schwartz	15 Exchange Pl. Jersey City, NJ	DE3-2424
SC	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta, Ga	TR6-3020
Tenn	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta, Ga	TR6-3020
Va	R E Hatfield Co	165 E King St, Lancaster, Pa	
Wisc	Charles S Pollachek	1500 E. Fairy Chasm Rd, Milwaukee	FL2-6650
	ELECTRO-CERAMICS, INC	**120 State St. New Haven, Conn**	**LO2-2037**
	220		
Cal	Robert Maye	116 S. Stoneman Ave, Alhambra, S. Cal	
Colo	Fred A Pease Co	4921 E. 38th St, Denver, Colo	
Conn	Nelson Wells	Chatham Dr, S. Norwalk, Conn	
Fla	L E Barnhart	1003 Gunne Rd, Jacksonville, Fla	RA4-0987
Ind	R T Mathews	1127 Well St, Ft. Wayne, Ind	
Md	Bernie White	1104 Meridian, Baltimore, Md	LA3-7700
Mass	Eastern Electronic Sales Co	145 University Rd, Brookline, Mass	
Ohio	Walter J Brauer & Associates	16631 Lakewood Hts Blvd, Cleveland, Ohio	
Pa	William Drew & Co	104 Essex, Narberth, Pa	MO4-8331
Tex	S W Lomax	6414 Del Norte Ln, Dallas, Tex	
Canada	Electronics Ent	1514 Eglinton Ave, W, Toronto 10, Canada	
	ELECTRO-CERAMICS INC	**2645 S 2nd, W, Salt Lake City, Utah**	**HU6-7481**
	C Kohl #5 *100 E 15-120-175-220-240-280-410-670-715-895-900-905-1125-1150-1545-1630-1655-1850-1875-1880-1890		
Md	Harry J White Co. Inc	204 W Pennsylvania Ave. Towson	VA8-6373
NJ	Harry J White Co. Inc	121 Covered Bridge Rd. Haddonfield	HA8-2304
NY	J D Batolph	59 Pine Cliff Rd. Chappaqua	CE8-8331
NY	Reed-Tollefson Corp	2815 Monroe Ave. Rochester	GR3-2767
NY	Reed-Tollefson Corp	32 Main St. Alexander	FI3-5898
NY	Reed-Tollefson Corp	2305 Country Club Rd. Endicott	PI8-7391
NY	Reed-Tollefson Corp	65 Hartham Rd. Whitesboro	RE6-1741
	ELECTRO-CHEMICAL ENGRAVING CO., INC	**1100 Brook Ave, New York 56, NY**	**LU8-9000**
	L Kiechel #3 *350 E 180-280-895-1190-1245-1295		
Ky	J Robich	211 Choctaw Rd, Louisville	TW5-0428
Mich	Electro-Chemical Engraving Co Inc	16130 Meyers Rd. Detroit 35	
	ELECTRO DEVELOPMENT CO	**14701 Keswick St, Van Nuys, Cal**	**ST6-3660**
	D Roy #2 *50 A 160-1285-1305-1625-1735		
Ariz	M D Hecht Assoc	3839 N. 39th St. Phoenix	BR2-2121
Del	Arthur Eng	11216 W. Mallory Ave. Hales Corners	GA5-5919
Ind	Scott & Steffen Inc	915 N. Pa Ave, Indianapolis	
NJ	A L Livera Assoc	2 Green Village Rd. Madison	FR7-3220
NM	Southwest Electronic Industries	Meadows Bldg, Dallas, Tex	EM3-1671
NY	A L Livera Assoc	15-51 Franklin St. Mineola	PI1-7044
Ohio	Scott & Steffen	1835 Euclid Ave, Cleveland, Ohio	TO1-2626
Pa	Scott & Steffen	507 Liberty St, Pittsburgh 22	GR1-5235
Tex	Southwest Electronic Industries	Meadows Bldg, Dallas	EM3-1671
Va	Scott/Kern/Lewis	1430 Uhle St. Arlington	JA5-0535
Wash	Marbel Assoc	1016 1st Ave. Seattle	MA3-5006
●	**ELECTRO DEVICES INC**	**580 Main St, Wilmington, Mass**	**PA9-2851**
	#2 *10 A 1075		
Cal	West Coast Enterprises	San Marino, Cal	DI2-5353
Cal	A C Fox	1711 1st St. San Fernando	EM1-8696
Mass	Adams Mfg. Co	85 Myrtle St. Waltham	TW4-5988
Pa	Tri-State Erie Machinery Inc	1804 Asbury Rd, Erie, Pa	3-8631
	ELECTRO-DEVICES INC SERVOSPEED DIV	**4-6 Godwin Ave, Paterson, NJ**	**AR4-8989**
	O Carlson #3 *22 C 360-535		
Cal	Minarik Electric Co	224 E. 3rd St, Los Angeles, Cal	MA6-3255
Cal	Western Sales Engineers, Inc	2807 Cypress Ave, Oakland, Cal	
Colo	Western Sales Engineers, Inc	6225 E First Ave, Denver, Colo	
Conn	Paul J Moore Co	P.O. Box 298, Mystic, Conn	JE6-2835
Ill	Schrade-Batterson Co., The	5253 W. Belmont Ave, Chicago 41, Ill	AV2-0200
La	Woodward, Wight & Co Ltd	451 Howard Ave, New Orleans, La	
Mich	Electro-Motion Associates	4312 E. Nine Mile Rd, Warren, Mich	JE6-1000

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NJ	Frederick E Kent	31-B Marie Terr, E. Paterson, NJ	SW7-4911
Ohio	A-C Equipment Co	20575 Centre Ridge Rd, Cleveland, Ohio	
Pa	Williamson Associates	139 Nevin St. Lancaster, Pa	EX7-0321
Wash	Western Sales Engineers, Inc	3441 Iowa Ave, Seattle 6, Wash	
	ELECTRO ENGINEERING WORKS	**401 Preda St, San Leandro, Cal**	**LO9-3326**
	R Brooks #10 *175 E 1420-1865-1860		
Cal	Perwarden Dailey Assoc	7311 Van Nuys Blvd, Van Nuys	ST2-4920
Mo	Thomson Engineering Service	8230 Forsyth, St. Louis 5	PA7-7705
Tex	Thomson Engineering Service	2520 Oak Lawn, Dallas 19	LA6-8741
	ELECTRO-ETCH CIRCUITS INC	**7112 S. Victoria Ave, L A 43, Cal**	**PL3-6111**
	L Call #3 *50 C 280-1075		
	ELECTRO-FLEX HEAT INC	**83 Woodbine St, Hartford 6, Conn**	**CH6-5413**
	#3 *35 D 360-575-820-1475		
Ala	W K Hile	P.O. Box 6165, Charlotte 7, NC	FR7-5062
Cal	Costello & Co	2740 S. La Cienega Blvd. LA	UP0-8537
Colo	Franklin Sales Co	2149 S. Clermont St. Denver	SK7-1371
Conn	Electrical Manufacturers Service	265 Church St, New Haven, Conn	UN5-9104
Del	Valley Electronics Inc	1735 E. Joppa Rd, Towson, Md	VA5-7820
DC	Valley Electronics Inc	1735 E. Joppa Rd, Towson, Md	VA5-7820
Fla	W K Hile	P.O. Box 6165, Charlotte 7, NC	FR7-5062
Ga	W K Hile	P.O. Box 6165, Charlotte 7, NC	FR7-5062
Idaho	Technical Sales Co	1731 First Ave, S., Seattle, Wash	SE5532
Ill	Ritter Sales Co	P.O. Box 64, Deerfield, Ill	MU5-7440
Ind	F E Menze	729 W. Packard St. Fort Wayne	KE3171
Iowa	Crosby & Assoc. Inc	6355, Richfield Sta. Mpls, Minn	TA2-0353
Kan	Sanford Co	1727 E. 2nd St. Wichita	AM5-3553
Kan	Ritter Sales Co	P.O. Box 64, Deerfield, Ill	MU5-7440
Ky	W K Hile	P.O. Box 6165, Charlotte 7, NC	FR7-5062
Me	Electrical Manufacturers Service	680 Main St, Waltham, Mass	TW3-0100
Md	Valley Electronics Inc	1735 E. Joppa Rd, Towson, Md	VA5-7820
Mass	Electrical Manufacturers Service	680 Main St, Waltham, Mass	TW3-0100
Mich	T LeSueur & Assoc	3401 Campbell St. Dearborn	CR4-4493
Minn	Crosby & Assoc. Inc	6355 Richfield Sta. Mpls	TA2-0353
Mo	Sanford Co	1727 E. 2nd St. Wichita, Kan	AM5-3553
NH	Electrical Manufacturers Service	680 Main St, Waltham, Mass	TW3-0100
NJ	Electrical Manufacturers Service	201 S. Broadway, Camden 3, NJ	WO4-8614
NY	Electrical Manufacturers Service	P.O. Box 128, Williston Park, NY	PI2-1616
NC	W K Hile	P.O. Box 6165, Charlotte 7, NC	FR7-5062
Ohio	P A Fee	2060 Mansfield Rd. Toledo	GR2-8504
Okla	Sanford Co	1727 E. 2nd St. Wichita, Kan	AM5-3553
Ore	Technical Sales Co	1731 First Ave, S., Seattle, Wash	SE5532
Pa	Charles W McDonald	704 Cherrydale Dr, Lafayette Hill, Pa	
RI	Electrical Manufacturers Service	680 Main St, Waltham, Mass	TW3-0100
SC	W K Hile	P.O. Box 6165, Charlotte 7, NC	FR7-5062
Tenn	W K Hile	P.O. Box 6165, Charlotte 7, NC	FR7-5062
Tex	Sanford Co	1727 E. 2nd St. Wichita, Kan	AM5-3553
Utah	Franklin Sales Co	2149 S. Clermont St, Denver 22, Colo	AM6-1552
Vt	Electrical Manufacturers Service	680 Main St, Waltham, Mass	TW3-0100
Va	W K Hile	P.O. Box 6165, Charlotte 7, NC	FR7-5062
Wash	Technical Sales Co	1731 First Ave, S., Seattle, Wash	SE5532
Wisc	Ritter Sales Co	P.O. Box 64, Deerfield, Ill	MU5-7440
Wyo	Franklin Sales Co	2149 S. Clermont St, Denver 22, Colo	AM6-1552
Can	Electrodesign	9124 St. Lawrence Blvd. Montreal, Que	DU9-5914
●	**ELECTRO IMPULSE LAB INC**	**208 River St, Red Bank, NJ**	**SH1-0404**
	I Robin #3 *25 B 370-825-895-1045-1135-1800		
Alas	Hawthorne Electronics	112 Admin Bldg, Seattle, Wash	PA5-1460
Cal	H R Kenvert	750 Natoma St. San Francisco 3	HE1-0464
Cal	Chafe & Associates	1141 W. Olympic Blvd, Los Angeles 15	DU5-1165
Cal	Crane Assoc	15419 Keswick St, Van Nuys	ST0-7972
DC	Pace Inc	8218 Wisconsin Ave, Bethesda, Md	OL6-6383
Ill	Gordon Fixman Eng	8160 Stanford Ave, St Louis 30, Mo	PA5-5219
Kan	Gordon Fixman Eng	8160 Stanford Ave, St Louis 30, Mo	PA5-5219
Md	Pace Inc	8218 Wisconsin Ave, Bethesda	OL6-6383
Mo	Gordon Fixman Eng	8160 Stanford Ave. St Louis 30	PA5-5219
NJ	NLR Assoc	15 Tenney Ct, West Orange	RE1-0774
NY	Jim Washington Assoc	257 Winton Rd, N Rochester 10	GR3-2465
Ore	Hawthorne Electronics	112 Admin Bldg. Seattle 8, Wash	PA5-1460
Pa	N L R Associates	529 Shoemaker Rd, Phila 17, Pa	CA4-1553
Va	Pace Inc	8218 Wisconsin Ave. Bethesda, Md	OL6-6383
Foreign	Dage Corp	219 E. 44th St, New York 17, NY	MU2-6755
	ELECTRO INSTRUMENTS INC	**8611 Balboa Ave, San Diego 11, Cal**	**BR7-6590**
	R Flemons #42 *361 F 338-895		
Ala	Electro Instruments Inc	2245 Norwood Dr. NW, Huntsville	JE9-3902
Ark	Dannemiller-Smith Inc	6218B Westheimer Rd, Houston, Tex	SU2-7350
Cal	Electro Instruments Inc	2024 Montrose, Montrose, Cal	CH5-8686
Cal	Electro Instruments Inc	275 Commercial St, Sunnyvale, Cal	RE9-6917
Colo	Electro Instruments Inc	920 S Hudson, Denver	DE3-7561
Conn	Electro Instruments Inc	1062 Main St, Waltham, Mass	TW4-3748
Del	Electro Instruments Inc	8634 Colesville Rd, Silver Spring, Md	JU8-3733
DC	Electro Instruments Inc	8634 Colesville Rd, Silver Spring, Md	JU8-3733
Fla	Electro Instruments Inc	Box 6001B, Orlando	MI7-7060
Ga	Electro Instruments Inc	2245 Norwood Dr. NW, Huntsville, Ala	JE9-3902
Idah	Electro Instruments Inc	6074 Cortez, Salt Lake City, Utah	EL9-1617
Ill	Electro Instruments Inc	6110 W North Ave, Chicago 39	ME7-1911
Ind	Electro Instruments Inc	223 Broadway, Findlay, Ohio	GA2-6424
Iowa	Electro Instruments Inc	2333 W Wells, Milwaukee, Wis	DI2-2021
Kan	Electro Instruments Inc	223 Broadway, Findlay, Ohio	GA2-6424
Ky	Electro Instruments Inc	2245 Norwood Dr NW, Huntsville, Ala	JE9-3902
La	Dannemiller-Smith Inc	6218B Westheimer Rd, Houston, Tex	SU2-7350
Me	Electro Instruments Inc	1062 Main St. Waltham, Mass	TW4-3748
Md	Electro Instruments Inc	8634 Colesville Rd, Silver Spring	JU8-3733
Mass	Electro Instruments Inc	1062 Main St. Waltham	TW4-3748
Mich	Electro Instruments Inc	223 Broadway, Findlay, Ohio	GA2-6424
Minn	Northport Engineering	1729 Selby, St. Paul, Minn	MI6-2621
Miss	Electro Instruments Inc	2245 Norwood Dr. NW, Huntsville, Ala	JE9-3902
Mo	Electro Instruments Inc	223 Broadway, Findlay, Ohio	GA2-6424
Neb	Electro Instruments Inc	223 Broadway, Findlay, Ohio	GA2-6424
Nev	Electro Instruments Inc	2024 Montrose, Montrose, Cal	CH5-8686
NH	Electro Instruments Inc	1062 Main St, Waltham, Mass	TW4-3748
NJ	Electro Instruments Inc	542 W 7th St. Plainfield	JU2-5934
NM	Electro Instruments Inc	920 S Hudson, Denver, Colo	DE3-7561
NY	Electro Instruments Inc	89 E Lake Rd, Skaneateles	HA2-1557
NC	Electro Instruments Inc	2245 Norwood Dr. NW, Huntsville, Ala	JE9-3902

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ohio	Electro Instruments Inc	223 Broadway, Findlay	GA2-6424
Okla	Dannemiller-Smith Inc	6218B Westheimer Rd, Houston 27, Tex	SU2-7350
Ore	Electro Instruments Inc	17520 47th Ave. NE, Seattle 55, Wash	EM2-1500
Pa	Electro Instruments Inc	724 Lancaster, Bryn Mawr	LA5-1472
RI	Electro Instruments Inc	1062 Main St, Waltham, Mass	TW4-3748
SC	Electro Instruments Inc	2245 Norwood Dr. NW, Huntsville, Ala	JE9-3902
Tenn	Electro Instruments Inc	2245 Norwood Dr. NW, Huntsville, Ala	JE9-3902
Tex	Dannemiller-Smith Inc	6218B Westheimer Rd, Houston 27	SU2-7350
Utah	Electro Instruments Inc	6074 Cortez, Salt Lake City	EL9-1617
Vt	Electro Instruments Inc	1062 Main St, Waltham, Mass	TW4-3748
Va	Electro Instruments Inc	2245 Norwood Dr. NW, Huntsville, Ala	JE9-3902
Wash	Electro Instruments Inc	17520 47th Ave. NE, Seattle	EM2-1500
W Va	Electro Instruments Inc	2245 Norwood Dr. NW, Huntsville, Ala	JE9-3902
Wis	Electro Instruments Inc	2333 W Wells, Milwaukee 3	DI2-2021
For	B Freudenberg Inc	50 Rockefeller Plaza, NY 20, NY	JU2-5934
	ELECTRO-LOGIC CORP	**515 Boccaccio Ave, Venice, Cal**	**EX6-3137**
	D Miadeno #20 *40 325-330-338-340-360-440-455-475-720-895-1435		
Ala	L A Walking	Box 3045, Atlanta 17, Ga	DR3-8346
Ariz	R A Mayes Co	Box 344, El Paso, Tex	LY8-2982
Cal	Van Groos Co	1178 Los Altos Ave. Los Altos	WH8-7296
Cal	Van Groos Co	Box 425, Woodland Hills	DI0-3131
Colo	Missile Accessories Corp	2034 Kenkam Way, Salt Lake City, Utah	HU6-7102
Del	S & S Assoc	Box 6, King of Prussia, Pa	BR9-7192
DC	S & S Assoc	Box 6, King of Prussia, Pa	BR9-7192
Fla	L A Walking	Box 3045, Atlanta 17, Ga	DR3-8346
Ga	L A Walking	Box 3045, Atlanta 17	DR3-8346
Idah	N R Schultz Co	3227 Airport Way, Seattle 8, Wash	MA4-8650
Ill	G Fixman Eng. Co	8160 Stanford Ave. St. Louis 30, Mo	PA5-5219
Ill	K W Hawkins Eng. Sales Corp	6517 N Central Ave. Chicago 46	SP4-2244
Ind	K W Hawkins Eng. Sales Corp	6517 N. Central Ave. Chicago 46, Ill	SP4-2244
Iowa	K W Hawkins Eng. Sales Corp	6517 N. Central Ave. Chicago 46, Ill	SP4-2244
Kan	G Fixman Eng. Co	8160 Stanford Ave. St. Louis 30, Mo	PA5-5219
La	George W Sickler Co	Box 35491, Dallas 35, Tex	FL1-5515
Md	S & S Assoc	Box 6, King of Prussia, Pa	BR9-7192
Mich	Electro-Motion Assoc	4312 E. 9 Mi. Rd. Warren	JE9-1420
Minn	L F Murphy Assoc. Inc	1940 Hennepin Ave. Mpls 5	FR4-2350
Mo	G Fixman Eng. Co	8160 Stanford Ave. St. Louis 30	PA5-5219
NJ	S & S Assoc	Box 6, King of Prussia, Pa	BR9-7192
NM	R A Mayes Co	Box 3633, El Paso, Tex	LY8-2982
NC	L A Walking	Box 3045, Atlanta 17, Ga	DR3-8346
Ohio	S & S Assoc	Box 6, King of Prussia, Pa	BR9-7192
Okla	George W Sickler Co	Box 35491, Dallas, Tex	FL1-5515
Ore	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	MA4-8650
Pa	S & S Assoc. Inc	Box 6, King of Prussia	BR9-7192
SC	L A Walking	Box 3045, Atlanta 17, Ga	DR3-8346
Tenn	L A Walking	Box 3045, Atlanta 17, Ga	DR3-8346
Tex	George W Sickler Co	Box 35491, Dallas, Tex	FL1-5515
Tex	R A Mayes Co	Box 3633, El Paso	LY8-2982
Utah	Missile Accessories Corp	2034 Kenkam Way, Salt Lake City	HU6-7102
Va	L A Walking	Box 3045, Atlanta 17, Ga	DR3-8346
Wash	N R Schultz Co	4227 Airport Way, Seattle 8	MA4-8650
W Va	S & S Assoc	Box 6, King of Prussia, Pa	BR9-7192
Wisc	L F Murphy Assoc. Inc	1940 Hennepin Ave. Mpls 5, Minn	FR4-2350
Canada	Computing Devices Of Can Ltd	Box 508, Ottawa, Ontario, Canada	
Foreign	Controls & Instruments Co	15 E. 40th St, New York 16, NY	MU5-6231
	ELECTROMAGNETIC TECHNOLOGY CORP	**1375 California Ave. Palo Alto, Cal**	**DA1-8611**
	F Morris, Jr #10 *13 C 670-895-1135		
●	**ELECTRO-MEC DIV., WALTHAM PREC INST CO, INC**	**47-51 33rd St. Long Island City 1, NY**	**ST6-3402**
	F Morse #6 *170 D 330-338-895-1330		
Ala	Vanguard Assoc., Inc	1312 Palm Ave. Melbourne, Fla	PA3-3074
Ariz	Wright Engineering Co	180 E. California St, Pasadena, Cal	MU1-8488
Ark	Zak & Assoc., Inc	7730 Carondelet, St Louis, Mo	PA7-8559
Cal	Wright Engineering Co	180 E. California St, Pasadena, Cal	MU1-8488
Conn	Bordewieck Engineering Sales Co	221 Grove St, Braintree, Mass	VI3-0845
Fla	Vanguard Assoc., Inc	1312 Palm Ave. Melbourne	PA3-3074
Ga	Vanguard Assoc., Inc	1312 Palm Ave. Melbourne, Fla	PA3-3074
Ill	Ridley Associates Inc	1551 N. Austin Blvd, Chicago, Ill	TU9-2940
Ind	Ridley Associates Inc	1551 N. Austin Blvd, Chicago, Ill	TU9-2940
Iowa	Ridley Assoc	3424 E Lake St. Mpls. Minn	PA1-5225
Kan	Zak & Assoc., Inc	7730 Carondelet, St Louis, Mo	PA7-8559
La	Vanguard Assoc., Inc	1312 Palm Ave. Melbourne, Fla	PA3-3074
Me	Bordewieck Engineering Sales	221 Grove St, Braintree, Mass	VI3-0845
Md	L G White & Co	880 Bonifant St, Silver Spring, Md	JU5-3141
Mass	Bordewieck Engineering Sales Co	221 Grove St, Braintree, Mass	VI3-0845
Minn	Ridley Assoc	3424 E Lake St. Mpls	PA1-5225
Miss	Vanguard Assoc., Inc	1312 Palm Ave. Melbourne, Fla	PA3-3074
Mo	Zak & Assoc., Inc	7730 Carondelet, St Louis	PA7-8559
Nev	Wright Engineering Co	180 E. California St, Pasadena, Cal	MU1-8488
NH	Bordewieck Engineering Sales Co	221 Grove St, Braintree, Mass	VI3-0845
NJ	R P Luce & Co., Inc	7 Beechwood Rd. Summit	CR3-9250
NY	Midstate Research Sales Inc	327 Wellesley Rd, Syracuse, NY	GR6-0541
Ohio	Technical Associates Inc	4475 Lander Rd, Chagrin Falls, Ohio	TE1-4884
Okla	Southwest Electronic Industries	4515 Prentiss, Dallas, Tex	EM3-1671
Pa	R P Luce & Co., Inc	130 S Easton Rd. Glenside	TU4-8365
Tenn	L G White & Co., Inc	2020 Beach St, Winston-Salem, NC	PA5-3612
Tex	Southwest Electronic Industries	4515 Prentiss St, Dallas, Tex	EM3-1671
Va	L G White & Co	2020 Beach St, Winston Salem, NC	PA5-3612
Wash	L G White & Co	880 Bonifant St, Silver Springs, Md	JU5-3141
W. Va	L G White & Co	880 Bonifant St, Silver Springs, Md	JU5-3141
Wisc	Ridley Associates	1551 N. Austin Blvd, Chicago, Ill	TU9-2940
	ELECTRO-MECHANICAL INSTRUMENT CO	**813 Chestnut St, Perkasie, Pa**	**AL7-6541**
	L Void #2 *65 895		
Ala	George D Jesse Associates	1108 Ford St, Birmingham 9, Ala	TR9-6015
Alaska	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA2-1818
Ariz	C E Holmes Co	307 N. Ave. 64, LA 42, Cal	CL6-2255
Ark	Campion Sales Co	3802 Chancellor Row, Dallas 35, Tex	FL7-4896
Cal	C E Holmes Co	307 N. Ave. 64, LA 42	CL6-2256
Cal	Featherstone & Salisbury	1355 Market St, San Francisco 3, Cal	UN1-1486
Colo	Koether-Cox Co	110 W. 13th Ave, Denver 4, Colo	MA3-3544
Conn	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
DC	J H Electronic Sales Co	Box 4444, Towson 4, Md	VA5-4441

● INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Fla	David & Park Co	Box 518, Kendall 56, Miami	CE5-0555
Fla	David & Park Co	Box 1102, Clearwater	442-4488
Ga	George O Jesse Associates	1108 Fern St, Birmingham 9, Ala	TR9-6015
Idaho	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA2-1818
Ill	Withers & Rogers	5439 W Division St, Chicago 51, Ill	AU7-7292
Ill	E J Plewert Co	6375 Clayton Rd, St. Louis 17, Mo	VO3-8622
Ind	Bilkay Organization, The	3615 Brownsboro Rd, Louisville 7, Ky	TW5-6369
Kan	E J Plewert Co	6375 Clayton Rd, St. Louis 17, Mo	VO3-8622
Ky	Bilkay Organization, The	3615 Brownsboro Rd, Louisville 7, Ky	TW5-6369
La	Campion Sales Co	9002 Chancellor Row, Dallas 35, Tex	FL7-4095
Me	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
Md	J H Electronic Sales	Box 6844, Towson 4, Md	VA5-4441
Mass	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
Mich	Ralph W Nelson Inc	911 Marshall Bldg, Cleveland 13, Ohio	CH1-4581
Minn	H M Richardson & Co., Inc	9 E. 22nd St, Minneapolis 4, Minn	FE6-4078
Miss	George O Jesse Associates	1108 Fern St, Birmingham 9, Ala	TR9-6015
Mo	E J Plewert Co	6375 Clayton Rd, St. Louis 17, Mo	VO3-8622
Mont	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA2-1818
Nev	Koether-Cox Co	110 W. 13th Ave, Denver 4, Colo	MA3-3544
NH	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
NM	Koether-Cox Co	110 W. 13th Ave, Denver 4, Colo	MA3-3544
NY	L D Allen Inc	P.O. Box 32, Salina Sta, Syracuse 8, NY	GR1-3108
NY	David Sonkin Associates	Lucas Bldg, 10 Fiske Pl, Mt. Vernon, NY	MO8-9809
NC	Tomkin & Schiffer	P.O. Box 6965, Summit Sta, Greensboro, NC	GR3-5578
ND	H M Richardson & Co., Inc	9 E. 22nd St, Minneapolis 4, Minn	FE6-4078
Ohio	Ralph W Nelson Inc	911 Marshall Bldg, Cleveland 13, Ohio	CH1-4581
Okla	Campion Sales Co	9002 Chancellor Row, Dallas 35, Tex	FL7-4095
Ore	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA2-1818
Pa	Ralph W Nelson Inc	911 Marshall Bldg, Cleveland 13, Ohio	CH1-4581
RI	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
SC	Tomkin & Schiffer	P.O. Box 6965, Summit Sta, Greensboro, NC	GR3-5578
SD	H M Richardson & Co., Inc	9 E. 22nd St, Minneapolis 4, Minn	FE6-4078
Tenn	George O Jesse Associates	1108 Fern St, Birmingham 9, Ala	TR9-6015
Tex	Campion Sales Co	9002 Chancellor Row, Dallas 35, Tex	FL7-4095
Utah	Koether-Cox Co	110 W. 13th Ave, Denver 4, Colo	MA3-3544
Vt	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
Va	J H Electronic Sales Co	Box 6844, Towson 4, Md	VA5-4441
Wash	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA2-1818
W. Va	Ralph W Nelson Inc	911 Marshall Bldg, Cleveland 13, Ohio	CH1-4581
Wisc	Withers & Rogers	5439 W. Division St, Chicago 51, Ill	AU7-7292
Wyo	Koether-Cox Co	110 W. 13th Ave, Denver 4, Colo	MA3-3544
	ELECTRO-MECHANICAL RESEARCH INC	**Box 3041, Sarasota, Fla**	**RI6-1140**
	T Stewart *730 G 325-330-338-360-365-440-670-895-1735-1850-1870-1880		
Ala	EMR	3322 S Memorial Pkwy. Huntsville	JE6-6623
Ariz	EMR	15551 Cabrito Rd, Van Nuys, Cal	ST2-7030
Ark	EMR	15551 Cabrito Rd, Van Nuys, Cal	ST2-7030
Cal	EMR	15551 Cabrito Rd, Van Nuys, Cal	ST2-7030
Colo	EMR	3600 S. Lincoln, Englewood, Colo	SU9-1834
Conn	EMR	1730 K St. NW, Washington 6, DC	FE8-7733
Del	EMR	1730 K St. NW, Washington 6, DC	FE8-7733
DC	EMR	1730 K St. NW, Washington 6	FE8-7733
Fla	EMR	3322 S Memorial Pkwy, Huntsville, Ala	JE6-6623
Ga	EMR	3322 S Memorial Pkwy, Huntsville, Ala	JE6-6623
Idaho	EMR	15551 Cabrito Rd, Van Nuys, Cal	ST2-7030
Ill	EMR	815 S Main St. Dayton 2, Ohio	BA3-8846
Ind	EMR	815 S Main St. Dayton 2, Ohio	BA3-8846
Iowa	EMR	815 S Main St. Dayton 2, Ohio	BA3-8846
Kan	EMR	4002 N. Mesa Ave, El Paso, Tex	KE3-5548
Ky	EMR	815 S Main St. Dayton 2, Ohio	BA3-8846
La	EMR	3322 S Memorial Pkwy. Huntsville, Ala	JE6-6623
Me	EMR	1730 K St. NW, Washington 6, DC	FE8-7733
Md	EMR	1730 K St. NW, Washington 6, DC	FE8-7733
Mass	EMR	1730 K St. NW, Washington 6, DC	FE8-7733
Mich	EMR	815 S Main St. Dayton 2, Ohio	BA3-8846
Minn	EMR	815 S Main St. Dayton 2, Ohio	BA3-8846
Miss	EMR	3322 S Memorial Pkwy. Huntsville, Ala	JE6-6623
Mo	EMR	815 S Main St. Dayton 2, Ohio	BA3-8846
Mont	EMR	3600 S. Lincoln, Englewood, Colo	SU9-1834
Neb	EMR	3600 S. Lincoln, Englewood, Colo	SU9-1834
Nev	EMR	15551 Cabrito Rd. Van Nuys, Cal	ST2-7030
NH	EMR	1730 K St. NW, Washington 6, DC	FE8-7733
NJ	EMR	1730 K St. NW, Washington 6, DC	FE8-7733
NM	EMR	4002 N. Mesa Ave, El Paso, Tex	KE3-5548
NY	EMR	1730 K St. NW, Washington 6, DC	FE8-7733
NC	EMR	3322 S Memorial Pkwy. Huntsville, Ala	JE6-6623
ND	EMR	3600 S. Lincoln, Englewood, Colo	SU9-1834
Ohio	EMR	815 S Main St. Dayton 2	BA3-8846
Okla	EMR	4002 N. Mesa Ave, El Paso, Tex	KE3-5548
Ore	EMR	15551 Cabrito Rd. Van Nuys, Cal	ST2-7030
Pa	EMR	1730 K St. NW, Washington 6, DC	FE8-7733
RI	EMR	1730 K St. NW, Washington 6, DC	FE8-7733
SC	EMR	3322 S Memorial Pkwy. Huntsville, Ala	JE6-6623
SD	EMR	3600 S. Lincoln, Englewood, Colo	SU9-1834
Tenn	EMR	3322 S Memorial Pkwy. Huntsville, Ala	JE6-6623
Tex	EMR	4002 N. Mesa Ave, El Paso, Tex	KE3-5548
Utah	EMR	3600 S. Lincoln, Englewood, Colo	SU9-1834
Vt	EMR	1730 K St. NW, Washington 6, DC	FE8-7733
Va	EMR	1730 K St. NW, Washington 6, DC	FE8-7733
Wash	EMR	15551 Cabrito Rd. Van Nuys, Cal	ST2-7030
W Va	EMR	1730 K St. NW, Washington 6, DC	FE8-7733
Wis	EMR	815 S Main St. Dayton 2, Ohio	BA3-8846
Wyo	EMR	3600 S. Lincoln, Englewood, Colo	SU9-1834
Can	Electromechanical Products	Hamilton Rd. Agincourt, Ont	AX3-7[illegible]1
	ELECTRO-MECHANICAL SPECIALTIES CO., INC	**520 Lambert Rd, Whittier, Cal**	**RA3-7271**
	J Goodman #7 *50 D 1460-1735		
Ala	Specialized Equipment Co	517 W Colonial Dr. Orlando, Fla	GA5-1790
Ariz	Carl Hower	340 N Marshall, Scottsdale	WH5-2471
Cal	Milner Assoc	Box 144, Tarzana	DI2-4525
Cal	Ellis Sales Co., G B	2316 El Camino Real, Mountain View	YO7-5511
Colo	Aviation Products Co	817 Quentin St. Aurora 8	EM6-7651
Conn	Ray Bridge Co	Sunny Acres 7, Wallingford	CO9-4648
Del	Ray Bridge Co	Sunny Acres 7, Wallingford, Conn	CO9-4648
DC	S W Goodman Co	50 W Biddle St. Baltimore 1, Md	SA7-6116
Fla	Specialized Equipment Co	517 W Colonial Dr. Orlando	GA5-1790
Ga	Specialized Equipment Co	517 W Colonial Dr. Orlando, Fla	GA5-1790
Ill	Rockford Controls Co	Box 671, Glen Ellyn	HO9-3228
Ind	Rockford Controls Co	Box 671, Glen Ellyn, Ill	HO9-3228
Iowa	Kinnick Co	222 Olympia Dr. Ferguson 35, Mo	JA1-4877
Kan	Aviation Products Co	6631 E Kellog St. Wichita 7	MU4-0218
Me	Ray Bridge Co	Sunny Acres 7, Wallingford, Conn	CO9-4648
Md	S W Goodman Co	50 W Biddle St. Baltimore 1	SA7-6116
Mass	Ray Bridge Co	Sunny Acres 7, Wallingford, Conn	CO9-4648
Minn	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis 16, Minn	WE9-6727
Miss	Specialized Equipment	517 W Colonial Dr. Orlando, Fla	GA5-1790
Mo	Kinnick Assoc	222 Olympia Dr. Ferguson 35	JA1-4877
NJ	Ellis-Haber Corp	11 Northern Blvd. Great Neck, NY	HU7-5145
NM	Aviation Products	817 Quentin St. Aurora 8, Colo	EM6-7651
NY	Ellis-Haber Corp	11 Northern Blvd, Great Neck,	HU7-4145
NY	Oren Lanzendorf Co	513 Cumberland, Syracuse 10	GR2-4195
Ohio	Jay Engineering	4712 W 130th St. Cleveland 35	CL2-0486
Ohio	Jay Engineering	1721 E 3rd St. Dayton 3	CL3-2151
Ore	James Findlay Co	Box 177, Bellevue, Wash	GL4-5200
Pa	S W Goodman Co	50 W Biddle St. Baltimore 1, Md	SA7-6116
RI	Ray Bridge Co	Sunny Acres 7, Wallingford, Conn	CO9-4648
SC	Specialized Equipment Co	517 W Colonial Dr. Orlando, Fla	GA5-1790
Tenn	Specialized Equipment Co	517 W Colonial Dr. Orlando, Fla	GA5-1790
Tex	P J Scanlon Co	2808 Inwood Rd, Dallas 45,	FL1-9991
Utah	Aviation Products	317 Quentin St. Aurora 8, Colo	EM6-7651
Vt	Ray Bridge Co	Sunny Acres 7, Wallingford, Conn	CO9-4648
Va	S W Goodman	50 W Biddle, Baltimore 1, Md	SA7-6116
Wash	James B Findlay Co	Box 177, Bellevue	GL4-5200
Wis	Rockford Controls	Box 671, Glen Ellyn, Ill	HO9-3228
Wyo	Aviation Products	417 Quentin St. Aurora 8, Colo	EM6-7651
Can	Airborne Equipment Ltd	920 McEachran Ave. Montreal 8, Que	CR6-2608
	ELECTRO-MEDICAL LAB. INC	**S. Woodstock 8, Vt**	**WO 340**
	#2 *6 A 200-895-950		
•	**ELECTRO MINATURES CORP**	**632 Huyler St, S. Hackensack, NJ**	**HU9-7770**
	L Sanders #10 *105 E 330-1485-1625-1735		
Cal	A G Brown & Associates	3837 Ventura Blvd, Sherman Oaks,	ST8-2390
Fla	J Neal & Co	2031 S.W. 5th Terr, Miami,	HI4-1118
Mich	Ray Van Riper Sales Co	1842 Newton SE, Grand Rapids, Mich	GL2-0464
Ohio	Kilroy-Whelan Corp	Box 222, Chagrin Falls, Cleveland, Ohio	CH7-4032
Ohio	Kilroy-Whelan Corp	2801 Far Hills Ave, Dayton, Ohio	AX3-2003
Wash	Hall Engineering Co	1430 130th N.E., Bellevue,	GL4-9511
•	**ELECTRO MOTIVE MFG CO. INC**	**Park & John St. Willimantic, Conn**	**HA3-4551**
	J Flanzer #4 *1400 G 220		
Cal	Collins Electronics Sales	1250 E Artesia, Long Beach	NE6-0344
Ill	Frank Risko	9217 N Central Ave. Morton Grove	YK6-8179
Pa	Robert Miller	45 W Golf View Rd. Havertown	HI6-1787
SC	Electro Motive	Florence	
	ELECTRO NETWORKS INC	**Caledonia, NY**	**KE8-4423**
	S Polar 320-670		
	Sales Representatives: See Caledonia Electronics & Transformer Corp.		
	ELECTRO-PHYSICS CO	**287 Broadway, NY 7, NY**	**WO4-1290**
	R Sefir 360-795-895-1460		
Fla	Benjamin Dorfman	Box 1746, Orlando	CR7-2826
	ELECTRO-PHYSICS LABS. DIV. MARSHALL INDUSTRIES	**1900 Walker Ave. Monrovia, Cal**	**EL9-8301**
	F Churchill #5 *40 345		
Ariz	Elsner-Osborn Co	1124 Crenshaw, Los Angeles 19, Cal	
Ark	Blackburn Assoc	Box 14073, Dallas 20, Tex	
Cal	Elsner-Osborn Co	1124 Crenshaw, Los Angeles 19	
Cal	Long & Assoc. Inc	505 Middlefield Rd. Redwood City	
Conn	D D Rosa Co. Inc	311 Washington St. Brighton 34, Wash	
Del	William M Jones Co. Inc	Box 6880, Towson 4, Md	
Fla	William R Lehmann	Box 1224, Orlando	
Ga	William M Jones Co	Box 6880, Towson 4, Md	
Idaho	Patterson Assoc	444 Dexter Horton Bldg. Seattle, Wash	
Ill	Chemco Assoc of Chicago	Box 245, Dundee	
Iowa	Wilbur E Goll	10511 W 56th Terr, Shawnee, Kan	
Ky	Gallagher Co	15 Ritchie Ave. Cincinnati, Ohio	
Me	D D Rosa Co. Inc	311 Washington St. Brighton 35, Mass	
Md	William M Jones Co. Inc	Box 6880, Towson 4	
Mass	D D Rosa Co. Inc	311 Washington St. Brighton 35	
Mich	Gallagher Co	15 Ritchie Ave. Cincinnati, Ohio	
Minn	Edward Hoffman Co	Selby & Snelling Aves. St Paul 5	
Mo	Wilbur E Goll	10511 W 56th Terr. Shawnee, Kan	
Neb	Wilbur E Goll	10511 W 56th Terr. Shawnee, Kan	
Nev	Long & Assoc. Inc	505 Middlefield Rd. Redwood City, Cal	
NH	D D Rosa Co. Inc	311 Washington St. Brighton 35, Mass	
NJ	Lawrence C Freeman & Assoc	372 Bloomfield, Montclair, NJ	
NJ	William M Jones Co. Inc	Box 6880, Towson 4, Md	
NY	Lawrence C Freeman & Assoc	372 Bloomfield, Montclair, NJ	
NY	Philip L Kirsh Assoc. Inc	223 Windemere Rd. Rochester 10	
NC	William M Jones Co. Inc	Box 6880, Towson 4, Md	
ND	Edward Hoffman Co	Selby & Snelling Aves. St Paul 5, Minn	
Ohio	Gallagher Co	15 Ritchie Ave. Cincinnati	
Okla	Blackburn Assoc	Box 14073, Dallas 20, Tex	
Ore	Patterson Assoc	444 Dexter Horton Bldg. Seattle, Wash	
Pa	William M Jones Co. Inc	Box 6880, Towson 4, Md	
RI	D D Rosa Co. Inc	311 Washington St. Brighton 35, Wash	
SC	William M Jones Co. Inc	Box 6880, Towson 4, Md	
SD	Edward Hoffman Co	Selby & Snelling Ave. St Paul 5, Minn	
Tenn	William M Jones Co. Inc	Box 6880, Towson 4, Md	
Vt	D D Rosa Co. Inc	311 Washington St. Brighton 34, Wash	
Va	William M Jones Co. Inc	Box 6880, Towson 4, Md	
Wash	Patterson Assoc	444 Dexter Horton Bldg. Seattle	
	ELECTRO POWERPACS INC	**5 Hadley St. Cambridge 40, Mass**	**TR6-9220**
	G Green #4 *60 C 255-320-915-1135-1260-1855-1995		
	ELECTRO PRODUCTS INC	**15050 Schaefer Hwy, Detroit 27, Mich**	**BR3-2433**
	E Rubin #1 *5 C 25-55-225-765-790-845-1120-1135-1295-1350		
Ariz	Simonite-Lewis Associates	10826 Burbank Blvd, North Hollywood, Cal	TR7-1674
Cal	Simonite-Lewis Associates	10826 Burbank Blvd, North Hollywood, Cal	TR7-1674
Cal	Technical Sales Assoc	1400 Bayshore Blvd. SF 24	[illegible]
Conn	Johnson Associates	414 Main St, Wakefield, Mass	CR9-3098
Del	E L Park	651 Paddock Rd, Southampton, Pa	EL7-7805
DC	E L Park	651 Paddock Rd, Southampton, Pa	EL7-7805
Ill	Vanco-Chicago	5209 N. Kimball, Chicago 25, Ill	JU8-0905
Ind	C Scheffler Co	1130 Navajo Trail, Indpls 8	CL3-6337
Ky	C Scheffler Co	1130 Navajo Trail, Indpls 8, Ind	CL3-6337
Me	Johnson Associates	414 Main St, Wakefield, Mass	CR9-3098
Md	E L Park	651 Paddock Rd, Southampton, Pa	EL7-7805
Mass	Johnson Associates	414 Main St, Wakefield, Mass	CR9-3098
Mich	L F Zaffina Co	7361 Gratiot Ave, Detroit 13, Mich	WA1-2695
Nev	Simonite-Lewis Associates	10826 Burbank Blvd, North Hollywood, Cal	TR7-1674
NH	Johnson Associates	414 Main St, Wakefield, Mass	CR9-3093
NJ	A M Harris Inc	42-34 193rd St, Flushing 58, NY	FL7-7350
NJ	E L Park	651 Paddock Rd, Southampton, Pa	EL7-7805
NY	A M Harris Inc	42-34 193rd St, Flushing 58, NY	FL7-7350
NY	J Brown Assoc	207 Rosedale Rd, Yonkers, NY	SP9-7330
Ohio	R W Peters Co	350 E. 215th St, Cleveland 23, Ohio	AN1-2330
Pa	E L Park	651 Paddock Rd, Southampton, Pa	EL7-7805
Pa	R W Peters Co	350 E. 215th St, Cleveland 23, Ohio	
RI	Johnson Associates	414 Main St, Wakefield, Mass	CR9-3098
Vt	Johnson Associates	414 Main St, Wakefield, Mass	CR9-3093
W. Va	R W Peters Co	350 E. 215th St, Cleveland 23, Ohio	AN1-2330
Wisc	Vanco-Chicago	5209 N. Kimball Ave, Chicago 25, Ill	JU8-0905
Foreign	E D Magnus & Associates	188 W. Randolph St, Chicago, Ill	FR2-8785
Canada	Pitt Distributing Co Ltd	80 George St, Toronto, Canada	EM4-7293
	ELECTRO PRODUCTS LABS INC POWER SUPPLY DIV.	**4501 N. Ravenswood, Chicago 40, Ill**	**LO1-1707**
	R Crossley #2 *8 134[illegible]		
Ala	Murphy & Cota	2120 Peachtree Rd, N.W., Atlanta, Ga	TR6-3020
Alas	Dave Miller Sales Co	1934 25th Ave, Seattle, Wash	EA5-1244
Ariz	E V Roberts & Assoc	340 N. Marshall Ave. Scottsdale	WH7-1381
Ark	Texport Co	2147 Farrington, Dallas, Tex	RI7-6458
Cal	E V Roberts & Associates	5068 W Washington Blvd, Los Angeles 16	WE8-2541
Colo	Hyde Electronics Associates	868 S. Lipan St, Denver 23, Colo	WE6-3456
Conn	Abbett & Hustis Inc	P. O. Box 52, Ridgefield, Conn	ID8-3200
Del	Art Cerf & Co	173 Ruddle Rd, Plymouth Meeting, Pa	TA8-5147
DC	Art Cerf & Co. Inc	4 W. Penfield Rd. Ellicott City, NJ	
Fla	Murphy & Cota	2314 E. South St. Orlando	GA4-2167
Ga	Murphy & Cota	2120 Peachtree Rd, N.W., Atlanta, Ga	TR6-3020
Haw	Dougherty Enterprises	334 Ilimalia Loop, Kailua	253-666
Idah	Dave Miller Sales Co	1939 25th Ave. N. Seattle 3, Wash	EA5-1244
Ill	Harry Halinton	6400 N. Lenox Ave, Chicago 30, Ill	RO3-2132
Ind	Fishman Assoc	1536 Nottingham Dr. Indpls	VI6-8221
Iowa	Paul G Scholz Co	6402 Longview Rd. KC 34, Mo	SO1-6756
Kan	Paul G Scholz Co	6402 Longview Rd. KC 34, Mo	SO1-6756
Ky	Fishman Assoc	1536 Nottingham Dr. Indpls, Ind	VI6-8221
La	Texport Co., The	2147 Farrington, Dallas 7, Tex	RI7-6458
Me	Abbett & Hustis Inc	1253 Highland Ave, Needham 92, Mass	HI4-5470
Md	Art Cerf & Co. Inc	4 W. Penfield Rd. Ellicott City, NJ	
Mass	Abbett & Hustis Inc	1253 Highland Ave, Needham 92	HI4-5470
Mich	Burchart & Rothsburg Assoc. Inc	6735 E. Jefferson Ave. Detroit 14	
Minn	A J Warner Co	5022-29th Ave, S., Minneapolis 17, Minn	PA9-7371
Miss	Murphy & Cota	2120 Peachtree Rd, N.W., Atlanta, Ga	TR6-3020
Mo	Paul G Scholz Co	6402 Longview Rd. KC 34	SO1-6756
Mont	Hyde Electronics Associates	868 S. Lipan St, Denver 23, Colo	WE6-3456
Neb	Paul G Scholz Co	6402 Longview Rd. KC 34, Mo	SO1-6756
Nev	E V Roberts & Associates	1660 Laurel St, San Carlos, Cal	LY3-7878
NH	Abbett & Hustis Inc	1253 Highland Ave, Needham 92, Mass	HI4-5470
NJ	Art Cerf & Co	744 Broad St, Newark 2, NJ	MI2-6734
NM	Hyde Electronics Associates	2803 Connor St, Salt Lake City, Utah	IN7-5763
NY	Art Cerf & Co	744 Broad St, Newark 2, NJ	MI2-6734
NC	Murphy & Cota	221 Latta Arcade, Charlotte, NC	FR5-2317
ND	A J Warner Co	5022-29th Ave, S., Minneapolis 17, Minn	PA9-7371
Ohio	Les A Morrow Co	3123 W. 117th St, Cleveland 11, Ohio	CL1-5700
Okla	Texport Co., The	2147 Farrington, Dallas 7, Tex	RI7-6458
Ore	Dave Miller Sales Co	1939 25th Ave. N. Seattle 3, Wash	EA5-1244
Pa	Art Cerf & Co. Inc	4022 Embur Terrace, Plymouth Mtg	BL3-0605
Pa	James H Pedoley Co	5812 Penn Ave, Pittsburgh 6, Pa	HI1-0800
RI	Abbett & Hustis Inc	P. O. Box 52, Ridgefield, Conn	ID8-3200
SC	Murphy & Cota	221 Latta Arcade, Charlotte, NC	FR5-2317
SD	A J Warner Co	5022-29 Ave, S., Minneapolis 17, Minn	PA9-7371
Tenn	Murphy & Cota	221 Latta Arcade, Charlotte, NC	FR5-2317
Tex	Texport Co	12910 Texico Dr, Houston 24, Tex	HO5-0734
Utah	Hyde Electronics Associates	2803 Connor St, Salt Lake City 9, Utah	IN7-5763
Vt	Abbett & Hustis Inc	1253 Highland Ave, Needham 92, Mass	HI4-5470
Va	Art Cerf & Co. Inc	4 W. Penfield Rd. Ellicott City, NJ	
Wash	Dave Miller Sales Co	1939 25th Ave. N. Seattle 3	EA5-1244
W. Va	James H Pedoley Co	5812 Penn Ave, Pittsburgh 6, Pa	HI1-0800
Wisc	Harry Halinton	6400 N. Lenox Ave, Chicago 30, Ill	RO3-2132
Wyo	Hyde Electronics Associates	868 S. Lipan St, Denver 23, Colo	WE6-3456
Foreign	Carrington Stone	205 W. Wacker Dr, Chicago 6, Ill	RA6-7725
	ELECTRO PRODUCTS LABS INC TRANSDUCER DIV	**4501 N. Ravenswood, Chicago 40, Ill**	**LO1-1707**
	L Thacher #2 *45 360-895-1850		
Ariz	King Engineering Co	5321 1/2 Hollywood Blvd, L A, Cal	HO4-7166
Ark	Whitson Engineering Co	2880 Freewood St, Dallas 35, Tex	FI1-4654
Cal	King Engineering Co	5321 1/2 Hollywood Blvd, Los Angeles	HO4-7166
Cal	King Eng Co	281 Hyde St. San Francisco 27	GR4-6684
Colo	Hyde Electronics Associates	868 S. Lipan St, Denver 23, Colo	WE6-3456
Conn	Abbett & Hustis Inc	P. O. Box 52, Ridgefield, Conn	ID8-3200
Del	C A Briggs Assoc	229 S Easton Rd. Glenside, Pa	TU7-4080
DC	C A Briggs Assoc	229 S Easton Rd. Glenside, Pa	TU7-4080
Fla	Lynch-Gentry Assoc., Inc	7213 Central Ave. St Petersburg	[illegible]7-5131
Idaho	Fred H Haight Co	3212 Eastlake, Seattle 2, Wash	EA2-1818
Ill	Crossley Assoc., Inc	2501 W Peterson Ave. Chicago 45	BR5-1800
Ind	Crossley Associates Inc	5420 N. College, Indianapolis 20, Ind	CL1-9255
Iowa	Crossley Associates Inc	842 Raymond Ave, St. Paul 14, Minn	MI6-7881
Kan	Parker & Foster	3519 Troost Ave, Kansas City 9, Mo	LO1-9266
La	Whitson Engineering Co	2880 Freewood St, Dallas 35, Tex	FL1-4654
Me	Abbett & Hustis, Inc	1253 Highland Ave, Needham 92, Mass	HI4-5470
Md	C A Briggs Assoc	229 S Easton Rd. Glenside, Pa	TU7-4080
Mass	Abbett & Hustis, Inc	1253 Highland Ave. Needham 92	HI4-5470
Mich	Electro-Motion Associates	4012 E. 9 Mile Rd, Warren, Mich	JE9-1420
Minn	Crossley Associates Inc	842 Raymond Ave, St. Paul 14, Minn	MI6-7881
Miss	Whitson Engineering Co	2880 Freewood St, Dallas 35, Tex	FL1-4654
Mo	Parker & Foster	3519 Troost Ave, Kansas City 9	LO1-9266

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Mont	Fred H Haight Co	3212 Eastlake, Seattle 2, Wash	EA2-1818
Neb	Crossley Associates Inc	842 Raymond Ave, St. Paul 14, Minn	MI6-7881
Nev	King Eng Co	22 Hyde St, San Francisco 23, Cal	GR4-6684
NH	Abbott & Hustis, Inc	1253 Highland Ave, Needham 93, Mass	HI4-5470
NJ	C A Briggs Associates	220 S. Easton Rd, Glenside, Pa	TU7-4080
NJ	Sensory, Inc	7 Maple Ave. Morristown	JE8-7661
NM	Hyde Electronics Associates	5206 Constitution Ave, NE, Albuquerque	AM8-1111
NY	Edw A Ossmann & Assoc	830 Linden Ave. Rochester 25	LU6-4940
ND	Crossley Assoc., Inc	2501 W Peterson Ave. Chicago 45, Ill	BR5-1600
Ohio	Crossley Associates Inc	2801 Far Hills Ave, Dayton 19, Ohio	AX9-3594
Okla	Whitson Engineering Co	3540 Freeman St, Dallas 35, Tex	FL1-4654
Ore	Fred H Haight Co	3212 Eastlake, Seattle 2, Wash	EA2-1818
Pa	C A Briggs Associates	220 S. Easton Rd, Glenside, Pa	TU7-4080
Pa	Fred R Sharp Co	2130 Lee Rd, Cleveland 18, Ohio	FA1-4200
RI	Abbott & Hustis Inc	P. O. Box 52, Ridgefield, Conn	ID8-3200
SD	Crossley Assoc., Inc	2501 W Peterson Ave. Chicago 45, Ill	BR5-1600
Tex	Whitson Engineering Co	3540 Freeman St, Dallas 35, Tex	FL1-4654
Utah	Hyde Electronics Associates	888 S. Lipan St, Denver 23, Colo	WE6-3455
Vt	Abbott & Hustis, Inc	1253 Highland Ave. Needham 93, Mass	HI4-5470
Wash	Fred H Haight Co	3212 Eastlake, Seattle 2, Wash	EA2-1818
Wis	Crossley Assoc., Inc	2501 W Peterson Ave. Chicago 45, Ill	BR5-1600
Wyo	Hyde Electronics Associates	888 S. Lipan St, Denver 23, Colo	WE6-3455
Foreign	Sylvan Ginsbury Ltd	8 W. 40th St, New York 18, NY	LO4-7565
	ELECTRO-RACK, INC	**11501 Jefferson Blvd. Culver City, Cal**	**UP0-5744**
	G Barnes #3 *46 D 65-105-180-230-260-370-520-720-765-785-790-895-900-1165-1190-1220-1245-1390-1620		
Ark	Hal F Corry Co	6315 Hillcrest Ave. Dallas 5, Tex	LA8-9172
Cal	Long & Assoc., Inc	505 Middlefield Rd. Redwood City	EM9-3324
Del	The Jay Co	2420 Wilson Blvd, Arlington 1, Va	JA4-6767
DC	The Jay Co	2420 Wilson Blvd, Arlington 1, Va	JA4-6767
Fla	DuBovy Assoc	610 N Orange Ave. Orlando	CH1-1684
La	Hal F Corry Co	6315 Hillcrest Ave. Dallas 5, Tex	LA8-9172
Me	Forbes Engineering	19 Flint St, Salem, Mass	PI4-1693
Md	The Jay Co	2420 Wilson Blvd, Arlington 1, Va	JA4-6767
Mass	Forbes Engineering	19 Flint St, Salem, Mass	PI4-1693
Mich	Harvey Teplitz & Co	19942 Ilnester Rd, Detroit 19, Mich	KE7-9058
Nev	Long & Assoc., Inc	505 Middlefield Rd. Redwood City, Cal	EM9-3324
NH	Forbes Engineering	19 Flint St, Salem, Mass	PI4-1693
NJ	Kahgan Sales Corp	1261 Broadway, New York 1, NY	MU4-7772
NY	Kahgan Sales Corp	1261 Broadway, New York 1, NY	MU4-7772
Ohio	Harvey Teplitz & Co	3541 Cornell Dr, Dayton 6, Ohio	CR7-9178
Ohio	Harvey Teplitz & Co	671 Sycamore Dr, Cleveland 32, Ohio	RE1-5676
Okla	Hal F Corry Co	6315 Hillcrest Ave. Dallas 5, Tex	LA8-9172
Pa	Harvey Teplitz & Co	671 Sycamore Dr, Cleveland 32, Ohio	RE1-5676
Tex	Hal F Corry Co	6315 Hillcrest Ave. Dallas 5	LA8-9172
Vt	Forbes Engineering	19 Flint St, Salem, Mass	PI4-1693
	ELECTRO RADIATION INC	**11916 W. Pico Blvd. LA 64, Cal**	
	R Robinson #20 *25 A 35-200-235-338-360-500-565-885-895-1125-1135-1330-1475		
•	**ELECTRO SCIENTIFIC INDUSTRIES INC**	**7524 S.W. Macadam, Portland 19, Ore**	**CH6-3331**
	J Kirwan #20 *125 E 300-338-895-1330-1475		
Cal	Kenneth Scherzer	Box 82, Garden Grove	JE4-5775
Conn	Llewellyn Kent	166 High Ridge Rd, Stamford	DA2-6046
Minn	Pinkney & Hine	1925 Nicollet Ave, Mpls	FE8-0523
NJ	William Lyon	47 Marlus Ln, Berkeley Heights	CR7-1791
Ohio	A N Grimm	1700 Ruskin Rd, Dayton, Ohio	CR7-1436
Tex	H D Edmiston	Box 5832, Dallas, Tex	TA7-2053
Can	Instronics Ltd	Box 100, Stittsville, Ont	TA8-1253
	ELECTRO SEAL CORP	**946 North Ave, Des Plaines, Ill**	**RO3-0047**
	W Kribble #15 *120 D 20-65-255-365-585-915-1340-1455-1460-1540-1545-1735-1810		
Cal	Howe-Stephens Co	555 New Montgomery St, SF 5	YU2-3593
Iowa	Eng. Services Co	1105 Oakland Gardens, Cedar Rapids	EM5-6183
Kan	Eng. Services Co	247 S. Pinecrest, Wichita	MU3-3751
Md	J Lingenfelter	7423 Hampden Ln, Bethesda 14	OL4-7877
Mass	V J Hunton	272 Centre St, Newton 58	BI4-5871
Mich	W A Bolger and Assoc	911 Giddings Ave, SE, Grand Rapids	GL2-9939
Mich	Echo Sales Co	16157 Hartwell, Detroit 35	VE8-2495
Mo	Eng. Services Co	4560 Main St. Kansas City	JE1-7765
Mo	Eng. Services Co	6717 Vernon Ave, St Louis 30	PA6-2233
Ohio	Ed Wagner & Co	2600 Far Hills Ave, Dayton 19	AX9-2333
	ELECTRO-SONIC LABS, INC	**627 Broadway, New York 12, NY**	**SP7-0022**
	J Curtis Jr #6 *55 D 895-1265-1270		
Cal	Koessler Sales Co	6316 N. Fairfax Ave, Los Angeles 48	OL3-1605
Cal	Koessler Sales Co	676 Fulton St, San Francisco 2	JO7-0622
Colo	John A Rowe Assoc	5201 Baylor Ln, Westminster	HA9-4535
Fla	B B Halpern & Assoc	1222 NE 163rd St. N Miami Beach	WI5-8122
Ill	E N Sewman	11425 Cicero Dr. LaGrange	CH6-4054
Ind	Doug Cook & Assoc	37-10 N Meridian St. Indpls	
Md	Gene Rosen & Assoc., Inc	5501 Wadsworth Dr. Bethesda	
Mass	Don T Hanna	155 Huntington Ave, Boston 15	CO6-4041
Mich	Wayne Beitel Co	13209 Fenwell, Detroit	
Minn	John E M Anderson	5231 Humboldt Ave. S, Minn	
Mo	Arthur K Elliott Co	211 Westport Rd, Kansas City, Mo	LO1-9594
NY	Sanger Associates	121 S. 5th Ave, Mt. Vernon	OW9-4440
Ohio	Bill Black Associates	2300 Liberty Rd, Stow, Ohio	OV8-4277
Tex	Dykeman Sales Co	PO Box 17070, Dallas	EV1-4645
Wash	Don Kohler	11532 Fourth Ave. NE, Seattle	
For	Delkama Intl	25-14 Broadway, LIC, NY	RA6-8456
For	Girdwood, Jones & Co	24 California St, San Francisco, Cal	YU2-4947
Canada	J B Smyth	380 Craig St, W., Montreal 1, Canada	AV8-6281
	ELECTRO-SWITCH & CONTROLS INC	**5755 Camille Ave, Culver City, Cal**	**UP0-4643**
	895-1460-1645-1785		
•	**ELECTRO SWITCH CORP**	**167 King Ave, Weymouth 88, Mass**	**ED5-5200**
	E Dennehy #9 *175 E 330-1625-1735		
Ala	Buchanan & Abrams Associates	1226 E. Colonial Dr, Orlando, Fla	GA3-8995
Ariz	Michel Bros	1413 E. 20th St, Los Angeles 11, Cal	RI9-7587
Cal	Michel Bros	1413 E. 20th St, Los Angeles 11, Cal	RI9-7587
Cal	Jack Kaufman	126 25th Ave, San Mateo, Cal	FI1-4942
Colo	Automatic General Electronic Sales Inc	6550B Troost Ave, Kansas City 31, Mo	DE3-8206
Conn	John E Drake	Old Kings Hwy, New Canaan, Conn	WO6-2580
Fla	Buchanan & Abrams Associates	1226 E. Colonial Dr, Orlando, Fla	GA3-8995
Ga	Buchanan & Abrams Associates	1226 E. Colonial Dr, Orlando, Fla	GA3-8995
Ill	Howard & Gould Co	516 W Jackson Blvd, Chicago 6, Ill	FI6-2623
Iowa	Volco Co	831 S. 6th St, Minneapolis 4, Minn	FE6-3373
Kan	Automatic General Electronic Sales Inc	6550B Troost Ave, Kansas City 31, Mo	DE3-8206
Ky	R R Greenleaf Co	9415 Montgomery Rd, Cincinnati 42, Ohio	SY1-6150
Me	John E Drake	Old Kings Hwy, New Canaan, Conn	WO6-2580
Md	Naudain-Bohaker & Co	7308 York Rd, Towson 4, Md	VA5-5432
Mass	John E Drake Co	68 Hodges Ave, North Quincy, Mass	GR9-3700
Mich	Koehler-Pasmore Co	11833 Hamilton St, Detroit 3, Mich	TO8-3322
Minn	Volco Co	831 S. 6th St, Minneapolis 4, Minn	FE6-3373
Miss	Buchanan & Abrams Associates	1226 E. Colonial Dr, Orlando, Fla	GA3-8995
Mo	Automatic General Electronic Sales Inc	6550B Troost Ave, Kansas City 31, Mo	DE3-8206
Neb	Automatic General Electronic Sales Inc	6550B Troost Ave, Kansas City 31, Mo	DE3-8206
Nev	Jack Kaufman	126-25th Ave, San Mateo, Cal	FI1-4942
NH	John E Drake Co	68 Hodges Ave, North Quincy, Mass	GR9-3700
NJ	Robert D Hobbie	8 Mt. Vernon Rd, Upper Montclair, NJ	PI4-2325
NM	Automatic General Electronic Sales Inc	6550B Troost Ave, Kansas City 31, Mo	DE3-8206
NY	Bruno H Ahlers	8524-26 110th St, Woodhaven 21, NY	VI9-3660
NY	Robert D Hobbie	8 Mt. Vernon Rd, Upper Montclair, NJ	PI4-2325
ND	Volco Co	831 S. 6th St, Minneapolis 4, Minn	FE6-3373
Ohio	R R Greenleaf Co	8905 Lake Ave, Cleveland 2, Ohio	OI1-6900
Okla	Automatic General Electronic Sls	6550B Troost Ave, Kansas City 31, Mo	DE3-8206
Ore	Carlson Sales, Inc	935 NW 12th Ave, Portland 9, Ore	CA8-3798
Pa	Edgar M Moore & Co	6964 Thomas Blvd, Pittsburgh 8, Pa	EM1-8780
Pa	Naudain-Bohaker & Co	846 Suburban Sta Bldg, Phila	LO4-3194
RI	John E Drake	Old Kings Hwy, New Canaan, Conn	WO6-2580
SD	Volco Co	831 S. 6th St, Minneapolis 4, Minn	FE6-3373
Tenn	Buchanan & Abrams Associates	1226 E. Colonial Dr, Orlando, Fla	GA3-8995
Tex	P J Scanlon Co	2608 Inwood Rd, Dallas 35, Tex	FL1-9991
Vt	John E Drake Co	68 Hodges Ave, N. Quincy, Mass	GR9-3700
Va	Naudain-Bohaker & Co	P.O. Box 276, McLean, Va	EL6-3492
W. Va	Edgar M Moore & Co	6964 Thomas Blvd, Pittsburgh 8, Pa	EM1-8780
Wisc	H J Hoeft	1743 S. First St, Milwaukee 4, Wisc	EV2-2773
Canada	George M Fraser Ltd	1554 Yonge St, Toronto 7	VA4-9492
	ELECTRO TEC CORP	**10 Romanelli Ave, S. Hackensack, NJ**	**HU7-4940**
	G Tubb #22 *500 F 330-345-1135-1460-1735-1745		
Ala	E C Raymond	P.O. Box 8215, Madeira Beach, Fla	WA1-9735
Ariz	Pacific Scientific Co, licensee	P. O. Box 22019, Los Angeles 22, Cal	SP3-2020
Ark	Lawrence Sales Co	P.O. Box 13026, Dallas 20, Tex	FL2-4595
Cal	Pacific Scientific Co, licensee	P.O. Box 22019, Los Angeles 22, Cal	SP3-2020
Cal	Pacific Scientific Co, licensee	760 Harrison St, San Francisco 7, Cal	DO2-1934
Cal	Pacific Scientific Co, licensee	1950 Fifth Ave, San Diego, Cal	BE3-0156
Conn	Robert W Gray Inc	572 Washington St, Wellesley 81, Mass	CE5-5296
Fla	E C Raymond & Associates	P.O. Box 8215, Madeira Beach, Fla	WA1-9735
Ga	Hilker Co., The	P.O. Box 5211, Winston-Salem, NC	PA5-8588
Idaho	Pacific Scientific Co, licensee	P.O. Box 22019, Los Angeles 22, Cal	SP3-2020
Ill	Harry W Gebhard Co	5129 W. Dever Ave, Chicago 30, Ill	RO3-3636
Ind	Harry W Gebhard Co	5129 W. Dever Ave, Chicago 30, Ill	RO3-3636
Iowa	W E Fry & Co., Inc	406 W. 34th St, Kansas City 11, Mo	JE1-5236
Kan	W E Fry & Co., Inc	406 W. 34th St, Kansas City 11, Mo	JE1-5236
Ky	Hilker Co., The	P.O. Box 5211, Winston-Salem, NC	PA5-8588
La	Lawrence Sales Co.	P.O. Box 13026, Dallas 20, Tex	FL2-4595
Me	Robert W Gray Inc	572 Washington St, Wellesley 81, Mass	CE5-5296
Mass	Robert W Gray Inc	572 Washington St, Wellesley 81, Mass	CE5-5296
Mich	Service Equipment Electronics Inc	4900 Euclid Ave, Cleveland 3, Ohio	HE1-7030
Minn	Northport Engineering Inc	1729 Selby Ave, St. Paul 4, Minn	MI6-2521
Miss	Hilker Co., The	P.O. Box 5211, Winston-Salem, NC	PA5-8588
Mo	W E Fry & Co., Inc	406 W. 34th St, Kansas City 11, Mo	JE1-5236
Mont	Pacific Scientific Co, licensee	P.O. Box 22019, Los Angeles 22, Cal	SP3-2020
Neb	W E Fry & Co., Inc	406 W. 34th St, Kansas City 11, Mo	JE1-5236
Nev	Pacific Scientific Co, licensee	P.O. Box 22019, Los Angeles 22, Cal	SP3-2020
NH	Robert W Gray Inc	572 Washington St, Wellesley 81, Mass	CE5-5296
NM	Pacific Scientific Co, licensee	P.O. Box 22019, Los Angeles 22, Cal	SP3-2020
NC	Hilker Co., The	P.O. Box 5211, Winston-Salem, NC	PA5-8588
ND	Northport Engineering Inc	1729 Selby Ave, St. Paul 4, Minn	MI6-2521
Ohio	Service Equipment Electronics Inc	4900 Euclid Ave, Cleveland 3, Ohio	HE1-7030
Okla	Lawrence Sales Co	P.O. Box 13026, Dallas 20, Tex	FL2-4595
Ore	Pacific Scientific Co, licensee	1218 S. E. 7th Ave, Portland, Ore	BE4-9747
RI	Robert W Gray Inc	572 Washington St, Wellesley 81, Mass	CE5-5296
SC	Hilker Co, The	P.O. Box 5211, Winston-Salem, NC	PA5-8588
SD	Northport Engineering Inc	1729 Selby Ave, St. Paul 4, Minn	MI6-2521
Tenn	Hilker Co., The	P.O. Box 5211, Winston-Salem, NC	PA5-8588
Tex	Lawrence Sales Co	P.O. Box 13026, Dallas 20, Tex	FL2-4595
Utah	Pacific Scientific Co, licensee	P. O. Box 22019, Los Angeles 22, Cal	SP3-2020
Vt	Robert W Gray Inc	572 Washington St, Wellesley 81, Mass	CE5-5296
Wash	Pacific Scientific Co, licensee	421 Michigan St, Seattle, Wash	PA5-7080
Wisc	Northport Engineering Inc	1729 Selby Ave, St. Paul 4, Minn	MI6-2521
Wyo	Pacific Scientific Co, licensee	P.O. Box 22019, Los Angeles 22, Cal	SP3-2020
Foreign	I S M Electronics Ltd	Whitley Rd, Berkshire, England	
	ELECTRO-VOICE INC	**Buchanan, Mich**	**OX5-6831**
	L LeKashman #60 *800 G 55-325-895-1130-1195-1270-1425-1675-1705-1845-1870		
Ark	D Bellew Sales	314 Melrose, El Dorado	UN3-6325
Cal	Wallace & Wallace	1206 Maple Ave. LA 15	
Cal	Mayer & Ross	113 10th St, San Francisco, Cal	HE1-1652
Cal	I R Stern Co	4101 Burbank Rd, Burbank, Cal	VI9-1195
Colo	McLoud & Raymond Co	2151 S. Grape St. Denver 22	SK6-1589
Fla	Maitland K Smith Co	322 Riverside Dr. Ormond Beach, Fla	OR7-2298
Ga	Maitland K Smith Co	706-14 St, N.W., Atlanta 3, Ga	TR5-4031
Ill	R Gregg	6901 Ridge Rd. Chicago 45	RO1-4778
Ind	Harrison J Blind & Associates Inc	5762 Cadillac Dr, Indianapolis 24, Ind	CH1-9772
La	J Yount Co	3033 Sandra Dr. Shreveport	
Md	Brothers & Connor Assoc	6302 Lincoln Ave, Baltimore 9	RO4-7189
Mich	Wayne Beitel Co	13209 Fenwell, Detroit, Mich	VE8-9100
Mich	R D Hurtsema	2918 Glenside Blvd. Muskegon	
Minn	Marvin Kirsch	704 Sunnyridge Ln, Minneapolis, Minn	FR7-3239
Miss	Dick Bellew Sales	314 Melrose, El Dorado, Ark	UN3-8325
Mo	R W Farris Co	7811 Carondelet, St. Louis	
Mo	R W Farris Co	406 W. 34th St, Kansas City, Mo	PL3-5350
NH	O C Deutsch	164 High St. Hampton	UA6-5320
NY	LeRoy & McGuire Inc	R. D. #1, Phelps	KI8-4891
NY	LeRoy & McGuire Inc	R. F. D. #4, Amsterdam	VI2-5979
NY	D Morgan	100 Bramleg Dr. Camillus	
NY	Cardunor Sales Corp	80 Shore Rd, Pt. Washington, NY	PO7-7700
NC	Maitland K Smith Co	921 W Hill St. Charlotte 8	FR6-5950
Ohio	C L Pugh Co	Box 5407, Columbus 21, Ohio	HU8-4855
Okla	Jack Yount Co	1431 Pleasant Dr, Dallas 17, Tex	EX1-1631
Pa	Brothers & Connor Assoc	614 Dutton Circle, Springfield	KI3-8641
RI	Adams-McGregor Assoc	86 Lakeview Rd. Lincoln	
Tex	Jack Yount Co	1431 Pleasant Dr, Dallas 17, Tex	EX1-1631
Utah	McLoud & Raymond Co	Box FG-145, Salt Lake City 16	
Wash	Wm R Lanphear Co	3215 Western Ave, Seattle, Wash	AT4-8150
For	Telesco Intl. Corp	171 Madison Ave. NY 16	MU3-9420
Can	D-E McLennan	1624 W. 3rd Ave. Vancouver, B. C.	
Canada	R C Kahnert Sales	73 Crockford Blvd, Scarborough, Ont, Can	PL7-5171
	ELECTRO WINDERS CO., INC	**854 W. Front St, Covina, Cal**	**ED2-6207**
	320-450-1855		
Ariz	Gruner & Co	444 W. Camelback Rd, Phoenix	CR9-1211
	ELECTRODYNAMIC INSTRUMENT CORP	**1841 Old Spanish Tr, Houston 25, Tex**	**JA6-3761**
	200-280-320-338-365-455-470-670-810-895-915-1145-1200-1340-1550-1555-1810-1855		
Okla	Ammon & Woods Assoc	5602 E. Mockingbird Ln, Dallas 6, Tex	TA6-4171
Tex	Ammon & Woods Assoc	5602 E. Mockingbird Ln, Dallas 6, Tex	TA6-4171
Foreign	Dean Gradijansky	Cassarate Lugano, Switzerland	LO2-0890
	ELECTRODYNE CO	**Endicott St, Norwood, Mass**	**NO7-3203**
	N Simon 895		
	ELECTROL SPECIALTIES CO	**441 Clark St. S Beloit, Ill**	**DU9-2291**
	M Palmer #1 *20 D 360		
	ELECTROMATH CORP	**115 Pleasant Ave, Roosevelt, NY**	**MA3-3500**
	T Canova #4 *20 C 185-795-1330-1475		
	ELECTROMATIC EQUIPMENT CO	**175 Remsen Ave, Brooklyn 12, NY**	**PR1-8300**
	D Bromley #1 *3 A 895-1075		
	ELECTROMATION CO	**4254 Glencoe Ave. Venice, Cal**	**EX8-5776**
	B Bejeck #3 *20 20-360-1550-1555		
	ELECTRON CORP	**Box 5570, Dallas 22, Tex**	**AD5-3424**
	M Zimmerman #3 *25 C 895-1870-1910		
Ariz	Videomatic Electronics	403 S Plumer, Tucson	MA2-1233
Conn	Space Communications Corp	1841 Broadway, New York, NY	JU2-6530
Del	Space Communications Corp	1841 Broadway, New York, NY	JU2-6530
DC	Space Communications Corp	1841 Broadway, New York, NY	JU2-6530
Fla	John Schurman	3308 Rogers Ave, Tampa	
Haw	J J Harding Co	1514 Kona St. Honolulu 12	995-375
La	Caldwell Sound Systems	Rt. 2, Box 292, Baton Rouge	WA1-9821
Me	Space Communications Corp	1841 Broadway, New York 23, NY	JU2-6530
Md	Space Communications Corp	1841 Broadway, New York 23, NY	JU2-6530
Mass	Space Communications Corp	1841 Broadway, New York 23, NY	JU2-6530
Mo	Altec Service Co	7112 Mission Rd. Kansas City	
NH	Space Communications Corp	1841 Broadway, New York 23, NY	JU2-6530
NJ	Space Communications Corp	1841 Broadway, New York 23, NY	JU2-6530
NY	Space Communications Corp	1841 Broadway, New York 23	JU2-6530
Ore	Corbett Electronics	2104 SW Jefferson, Portland	
Pa	Space Communications Corp	1841 Broadway, New York 23, NY	JU2-6530
RI	Space Communications Corp	1841 Broadway, New York 23, NY	JU2-6530
Vt	Space Communications Corp	1841 Broadway, New York 23, NY	JU2-6530
For	Tenco Export Corp	1025 Connecticut Ave, Washington 9, DC	DI7-1128
	ELECTRON ENTERPRISES INC	**6917 W Stanley Ave, Berwyn, Ill**	**BI2-2636**
	L Solomon #1 *17 C 895-1255-1425-1675		
	ELECTRON OHIO INC	**Box 9527, Salem, Ohio**	**CH8-4050**
	K Henderson #3 *5 A 338-1655-1850-1915		
	ELECTRON PRODUCTS DIV OF MARSHALL INDUSTRIES	**430 N Halstead St. Pasadena, Cal**	**MU1-0666**
	R Green #12 *130 E 220-670		
Ariz	G S Marshall Co	30 Pima Plaza, Scottsdale	WH6-5521
Cal	G S Marshall Co	801 Woodside Rd. Redwood City	EM6-8214
Cal	Electron Products	430 N Halstead St. Pasadena	MU1-0666
Colo	Peterson Co	494 Colorado Blvd. Denver 16	DE3-5434
Fla	E C Raymond & Associates Inc	Box 8215, St. Petersburg, Fla	WA1-9735
Ill	Rockford Controls Co	PO Box 671, Glen Ellyn	HO9-6116
Md	Angus-Shane Assoc., Inc	Carvel Hall, Annapolis	
Mass	Electronic Component Engineers	P.O. Box 72, N. Abington, Mass	TR8-3072
Minn	G E Amason & Co	1407 Holdridge Ln, Wayzata, Minn	MI4-5444
Mo	Maury E Bettis Co	3706 Broadway, Kansas City 11	LO1-0772
NJ	Angus-Shane Assoc., Inc	Rt 38, Moorestown	BE5-1900
NY	Leo Jacobson Co, Inc	1386 Kenmore Ave. Buffalo 23	TR3-0442
Ohio	Rockford Controls Co	5643 Maple Ridge Ave. Cinc 7	
Ohio	Rockford Controls Co	2528 N Glen Rd. Westlake	
Tex	George Weinreich Assoc	11554 E Northwest Hwy, Dallas 18	DA1-1900
Utah	Peterson Co	521 W 4th North, Salt Lake City 16	EL5-8171
Wash	N R Schultz Co	4227 Airport Way, Seattle	MA4-8650
Canada	Electromechanical Products	Markham Rd, Agincourt, Ontario, Canada	AX3-7011
	ELECTRON-RADAR PRODUCTS	**4806 W. Chicago Ave, Chicago 51, Ill**	**ES9-1232**
	J Bailey #7 *43 D 45-50-235-360-895-1880		
	ELECTRON TECHNOLOGY INC	**626 Schuyler Ave. Kearny, NJ**	**WY8-8100**
	G Perry #6 *60 D 315-338-885-895-900-1795-1875-1880		
Ariz	Wallace & Wallace	1206 Maple Ave. LA, Cal	RI7-0401
Cal	Wallace & Wallace	1206 Maple Ave. LA	RI7-0401
Del	Emlen Peterson Co	King of Prussia Rd. Radnor, Pa	MU8-0151
DC	Emlen Peterson Co	King of Prussia Rd. Radnor, Pa	MU8-0151
Ill	Forristal-Young Sales Co	4053 Broadway, KC, Mo	VA1-5330
Iowa	Forristal-Young Sales Co	4053 Broadway, KC, Mo	VA1-5330
Kan	Forristal-Young Sales Co	4053 Broadway, KC, Mo	VA1-5330
Md	Emlen Peterson Co	King of Prussia Rd, Radnor, Pa	MU8-0151
Mich	S Sterling Co	15310 W. McNichols Rd. Detroit	BR3-2900
Mo	Forristal-Young Sales Co	4053 Broadway, KC	VA1-5330
Neb	Forristal-Young Sales Co	4053 Broadway, KC, Mo	VA1-5330
NJ	Willgold Electronics Sales Reps	100 N. Village Ave, Rockville Center, NY	RO4-4022
NJ	Emlen Peterson Co	King of Prussia Rd. Radnor, Pa	MU8-0151
NY	Willgold Electronic Sales Co	100 N. Village Ave, Rockville Center	RO4-4022
NY	E W Stone Co. Inc	308 Merritt Ave. Syracuse	HO9-3825
Ohio	S Sterling Co	15310 W. McNichols Rd. Detroit, Mich	BR3-2900
Pa	S Sterling Co	15310 W. McNichols Rd. Detroit, Mich	BR3-2900
Pa	Emlen Peterson Co	King of Prussia Rd. Radnor	MU8-0151
	ELECTRONIC APPLICATIONS INC	**194 Richmond Hill Ave, Stamford, Conn**	**DA5-1575**
	T Skee #1 *7 C 50-190-195-805-895-1130-1135-1255-1270-1425-1435-1475		
Cal	R Auf der Heide	2245 N. Lake Ave. Altadena	SY1-9568
Conn	J B Anthony	Box 343, Milton	PO2-3629

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Fla	G Jose	Box 203, N. Miami Beach	
Idaho	United Radio Supply	Portland, Ore	CA6-6335
Ind	Silver Trumpet	Alexandria, Ind	AL4-2640
Mass	O K Makela	Box 161, Topsfield	
Minn	J Kluegel Co	Griggs Midway Bldg, St. Paul	MI6-4773
Mo	R Shaw Co	7920 Kenridge Ln, Webster Groves	
NJ	J Williams & Assoc	50 Main St, Orange	OR5-7199
NM	Sanders & Assoc Inc	70 W. Marcy St, Santa Fe	YU3-3437
NY	Harry R Reiner	East Meadow, NY	IV3-1928
NC	L D Reddy	Box 11302, Charlotte	JA3-5437
Ore	United Radio Supply	Portland, Ore	CA6-6335
Tex	C Lucas Sales Co	Box 3508, Dallas	WH2-5958
Va	Continental Electronic & Eng Co	5705 Colfax Ave, Alexandria	
Wash	United Radio Supply	Seattle, Wash	CA6-6335
	ELECTRONIC ASSISTANCE CORP. G Lewis #15 *200 E 35-895	**20 Bridge Ave, Red Bank, NJ**	**SH7-5100**
Cal	M B Gilbert Co	7923 Emerson Ave, Los Angeles 45, Cal	OR0-3418
Mich	Electronic Assistance Corp	Box 622, Ann Arbor, Mich	HA6-5671
Ohio	Harry Egbert	328 Clareme Ave, Dayton, Ohio	AX3-9767
Pa	Kessler Assoc	31 Lenkspur Rd, Levittown, Pa	WI5-0150
	ELECTRONIC ASSOCIATES INC. *1100 G 338-340-895-1330-1610	**Long Branch, NJ**	**CA9-1100**
Ala	S S Lee Associates Inc	300 Utilities Bldg, Huntsville	JE6-0631
Cal	Electronic Associates Inc	1500 E. Imperial Hwy, El Segundo	EA2-3124
Colo	F Y Gates Co	3395 S. Bannock, Englewood	SU1-8566
Fla	S S Lee Assoc. Inc	718 W. Smith Ave, Orlando	CH1-4445
Ill	Electronic Associates Inc	101 S. Pine St, Mt. Prospect	CL5-6070
Ill	R Edward Stemm	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Md	S S Lee Associates Inc	2505 Ennalls Ave, Wheaton	LO5-3046
Md	S S Lee Associates Inc	Box 205, Baltimore, Md	VA3-3434
Mass	Electronic Assoc. Inc	711 Main St, Waltham	TW9-0420
Mich	Electro Sales Associates	36500 Harper Rd, Mt. Clemens	HO8-2461
Minn	R Edward Stemm	123 South St, Minneapolis 1, Minn	FE5-7172
NJ	G Engle Associates Inc	210 S. Broad St, Ridgewood, NJ	GI4-1400
NM	F Y Gates Co	127 Harvard Dr. SE, Albuquerque	
NY	G Curtis Engle Associates Inc	Box 184, Hunting Sta, New York	RE2-0001
NY	C A Welch Co	1445 Valencia Rd, Schenectady 9	EX3-7788
NC	S S Lee Associates Inc	Box 906, Winston Salem, NC	ST-0441
Ohio	Electro Sales Associates	Box 143, Oakwood Sta, Dayton, Ohio	CH4-5551
Ohio	Electro Sales Associates	281 E. 216th St, Cleveland	RE2-7444
Ore	Hawthorne Electronics	700 SE Hawthorne Blvd, Portland	BE4-9375
Pa	G Curtis Engle Associates Inc	Box 4083, Philadelphia, Pa	WA2-3270
Tex	Southwest Electronic Ind. Inc	Meadows Bldg Dallas 6	EM3-1617
Tex	Electronic Associates Inc	4515 Prentice St, Dallas, Tex	EM1-6165
Utah	F Y Gates Co	200 S. Main St, Salt Lake City 1	
Can	A Crawford Assoc. Ltd	5940 Yonge St, Willowdale, Ont	BA5-7391
Foreign	Electronic Associates Ltd	Victoria Rd, Burgess Hill, Sussex England	BU2-2
	ELECTRONIC BATTERIES INC D Stumpes #3 *500 C 70	**28-34 35 St, Brooklyn 32, NY**	**ST8-3641**
	ELECTRONIC BRAZING CO W Lambert #1 *4 B 895-1000	**140 Glenridge Ave, Montclair, NJ**	**PI4-2160**
Cal	Charles Rapp Co	1768 Santa Monica Blvd, LA, Cal	GR2-5939
Cal	J R Routh Co	1209 Capuchino Ave, Burlingame, Cal	
Conn	Dettmann & Greer Inc	5 Main St, Middletown, Conn	
Fla	Ward Engineering Co	1015 W. Central Ave, Orlando, Fla	
Fla	Ward Engineering Co	2727 Phyllis St, Jacksonville, Fla	
Ga	E A Thornwell Inc	1537 Howell Mill Rd, N.W., Atlanta, Ga	
Ill	Murphy & Dickey	537 S. Dearborn St, Chicago 5, Ill	
La	W J Keller	415 Natchez St, New Orleans 12, La	
Md	Thos H Closs Co	21 W. Penna Ave, Towson 4, Md	
Mass	Blair H Parker	600 Atlantic Ave, Boston 10, Mass	
Mich	E B Anderson Co	12910 Puritan Ave, Detroit 27, Mich	
Minn	Volco Co	831 S. 6th St, Minneapolis 4, Minn	
Mo	C O Leaver Co	111 E. Gregory Blvd, Kansas City 14, Mo	
Mo	C O Leaver Co	4030 Chouteau Ave, St. Louis 10, Mo	
NY	H J Rittenhouse Co	544 Clinton Ave, S., Rochester 20, NY	
NY	The Robert F Lamb Co	3407 Delaware Ave, Buffalo 17, NY	
NY	Carlen Representatives	132 Burnet Ave, Syracuse 3, NY	
NY	Corse Electric Co	1744 Broadway, Albany, NY	
NY	Herman H Sticht Co., Inc	27 Park Pl, New York 7, NY	RE2-8163
NC	Associates Agents Inc	Box 2513, Greensboro, NC	
Ohio	Beetle Equipment Co	Roselawn Center Blvd, Cincinnati, Ohio	
Ohio	Martin-Rediger Inc	11905 Shaker Blvd, Cleveland 20, Ohio	
Okla	James E Dyer Co	Box 1225, Tulsa, Okla	
Ore	James L Kearns Co., Inc	6095 N.E. Glisan St, Portland 16, Ore	
Pa	Russell F Clark Co	1401 Clark Bldg, Pittsburgh 22, Pa	
Pa	Penn-Del Instrument Co	709 Bethlehem Pike, Philadelphia 18, Pa	
Tex	William E Price Co	303 Bastrop St, Houston 3, Tex	
Wisc	Morris F Jacobs Co	308 W. North Ave, Milwaukee 12, Wisc	
Foreign	Escudero & Fernandini	Box 3794, San Juan, Puerto Rico	
	ELECTRONIC CABLE CORP J Dabrowski #8 *42 C 185-190-280-375-585-675-895-1640-1825	**126 Jackson St, Cambridge 40, Mass**	**TR6-7250**
	ELECTRONIC CHEMICAL CORP W Gottlieb 265-290-315-1070	**813 Communipaw Ave, Jersey City 4, NJ**	**DE2-2877**
Ala	Sam Little Co	2396 Connally Dr. E. Point, Ga	PO1-5353
Ariz	Heeger Inc	2528 W. 9th St, Los Angeles 6, Cal	DU7-6996
Ark	M F Klicpera Co	P.O. Box 3113, Houston 1, Tex	JA2-8459
Cal	Heeger Inc	2528 W. 9th St, Los Angeles 6, Cal	DU7-6995
Colo	Heeger Inc	2528 W. 9th St, Los Angeles 6, Cal	DU7-6996
Conn	R S MacArthur	P.O. Box 168, Arlington 74, Mass	MI3-5358
Del	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
DC	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Fla	Wm F Hemminger Co. Inc	624 NE 79th St, Miami 38	PL9-0300
Ga	Sam Little Co	2396 Connally Dr. E. Point	PO1-5353
Hawaii	Heeger Inc	2528 W. 9th St, Los Angeles 6, Cal	DU7-6995
Idaho	Heeger Inc	2528 W. 9th St, Los Angeles 6, Cal	DU7-6996
Ill	Wm M Lintz & Associates	6322 N. Cicero Ave, Chicago 46, Ill	MU5-2022
Ind	Central Electronic Sales Co	19303 Fairport, Detroit, Mich	LA6-5941
Iowa	A R Thibau Co	210 W. 8th St, Kansas City 5, Mo	VI2-7057
Kan	A R Thibau Co	210 W. 8th St, Kansas City 5, Mo	VI2-7057
Ky	Central Electronic Sales Co	19303 Fairport, Detroit, Mich	LA6-5941
La	M F Klicpera Co	P.O. Box 3113, Houston, Tex	JA2-8459
Me	R S MacArthur	P.O. Box 168, Arlington 74, Mass	MI3-5358
Md	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Mass	R S MacArthur	P.O. Box 168, Arlington 74, Mass	MI3-5358
Mich	Central Electronic Sales Co	19303 Fairport, Detroit, Mich	LA6-5941
Minn	E O Hagestad & Associates	4513 Laguna Dr, Minneapolis 24, Minn	WA2-2034
Miss	Sam Little Co	2396 Connally Dr. E. Point, Ga	PO1-5353
Mo	A R Thibau Co.	210 W. 8th St, Kansas City 5, Mo	VI2-7057
Mont	Heeger Inc	2528 W 9th St, Los Angeles 6, Cal	DU7-6995
Neb	A R Thibau Co.	210 W. 8th St, Kansas City 5, Mo	VI2-7057
Nev	Heeger Inc	2528 W. 9th St, Los Angeles 6, Cal	DU7-6995
NH	R S MacArthur	P.O. Box 168, Arlington 74, Mass	MI3-5358
NJ	Morris J Hacker	217-18 48th Ave, Bayside 64, NY	BA4-5361
NM	Heeger Inc	2528 W. 9th St, Los Angeles 6, Cal	DU7-6996
NY	Morris J Hacker	217-18 48th Ave, Bayside 64, NY	BA4-5361
NC	Philip Heller	Box 16, Ft. George Sta. NY, NY	LO8-9141
ND	E O Hagestad & Associates	4513 Laguna Dr, Minneapolis 24, Minn	WA2-2034
Ohio	Jim Chilcote	636 Nesslewood Ave, Toledo 10, Ohio	CH1-3826
Okla	M F Klicpera Co	P.O. Box 3113, Houston 1, Tex	JA2-8459
Ore	Heeger Inc	2528 W. 9th St, Los Angeles 6, Cal	DU7-6995
Pa	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
RI	R S MacArthur	P.O. Box 168, Arlington 74, Mass	MI3-5358
SC	Sam Little Co	2396 Connally Dr. E. Point, Ga	PO1-5353
SD	E O Hagestad & Associates	4513 Laguna Dr, Minneapolis 24, Minn	WA2-2034
Tenn	Philip Heller	Box 16, Ft. George Sta. NY 40, NY	LO8-9141
Tex	Klicpera Co	Box 3113, Houston 1	JA2-8459
Tex	M F Klicpera Co	P.O. Box 3113, Houston 1, Tex	JA2-8459
Utah	Heeger Inc	2528 W. 9th St, Los Angeles, Cal	DU7-6995
Vt	R S MacArthur	P.O. Box 168, Arlington 74, Mass	MI3-5358
Va	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Wash	Heeger Inc	2528 W. 9th St, Los Angeles, Cal	DU7-6995
W. Va	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Wisc	Wm M Lintz & Associates	6322 N. Cicero Ave, Chicago 46, Ill	MU5-2022
Wyo	Heeger Inc	2528 W. 9th St, Los Angeles, Cal	DU7-6995
Canada	Wm Cohen Ltd	8400 Tenguay St, Montreal, Canada	DU8-9201
	ELECTRONIC CIRCUITS R Schrupbach *5 A 200	**641 N. La Peer Dr, Los Angeles 46, Cal.**	**BR2-4535**
●	**ELECTRONIC COILS, INC** E Bassett #3 *70 C 320-800	**33 Lyman St, Springfield, Mass**	**RE6-6339**
Md	Harry Corcoran	54 E. Morris Ave, Mt. Tabor, NJ	OA7-4146
Mass	G W Lindstrom	64 Cameron Cir, Springfield, Mass	RE6-3969
NJ	Harry Corcoran	54 E. Morris Ave, Mt. Tabor, NJ	OA7-4146
NY	Harry Corcoran	54 E. Morris Ave, Mt. Tabor, NJ	OA7-4146
Pa	Harry Corcoran	54 E. Morris Ave, Mt. Tabor, NJ	OA7-4146
	ELECTRONIC CONTROL CORP 360-895-1460	**1573 E. Forest St, Detroit 7, Mich.**	**TE2-6625**
Foreign	Technical Factors Ltd	P.O. Box 1288, Tokyo, Cen Japan	
	ELECTRONIC CONTROLS INC H Morgan #9 *17 B 35-325-338-360-895-910-1460-1735-1810-1850	**66 Southfield Ave, Stamford, Conn**	**DA5-3524**
Cal	Ralph Beall	PO Box 907, Palo Alto	DA1-8901
Conn	Wild & Assoc	1519 Northern Blvd, Roslyn, NY	MA1-8660
Del	Wild & Assoc	1011 N Highland St, Arlington, Va	JA4-2274
DC	Wild & Assoc	1011 N Highland St, Arlington, Va	JA4-2274
Fla	W Chester Smith	205 E Broward Blvd, Fort Lauderdale	JA4-7172
Kan	D & O Eng Co	PO Box 4103, Wichita	AM2-6214
Md	Wild & Assoc	1011 N Highland St, Arlington, Va	JA4-2274
Mass	Wild & Assoc	PO Box 66, Needham 92	HI4-2366
Mich	Mid-West Assoc	10 N Main St, Chagrin Falls, Ohio	CH7-8961
NH	Wild & Assoc	PO Box 66, Needham 92, Mass	HI4-2366
NJ	Wild & Assoc	1519 Northern Blvd, Roslyn, NY	MA1-8660
NY	Wild & Assoc	1519 Northern Blvd, Roslyn	MA1-8660
Ohio	Mid-West Assoc	10 N Main St, Chagrin Falls	CH7-8961
Okla	D & O Eng Co	PO Box 4103, Wichita, Kan	AM2-6214
Pa	Mid-West Assoc	10 N Main St, Chagrin Falls, Ohio	CH7-8961
Pa	Wild & Assoc	1519 Northern Blvd, Roslyn, NY	MA1-8660
RI	Wild & Assoc	PO Box 66, Needham 92, Mass	HI4-2366
Tex	D & O Eng Co	PO Box 4103, Wichita, Kan	AM2-6214
Vt	Wild & Assoc	PO Box 66, Needham 92, Mass	HI4-2366
Va	Wild & Assoc	1011 N Highland St, Arlington	JA4-2274
Wash	Wild & Assoc	1011 N Highland St, Arlington, Va	JA4-2274
	ELECTRONIC COUNTERS INC #1 *20 338-895	**155 Eileen Way, Syosset, NY**	**WA1-5000**
Alas	Frathom Co	33 W 42nd St, NY 36, NY	
Cal	H W Ruby Associates	P.O. Box 61, LaCanada, Cal	
Mass	Bordewieck Engr Sales	221 Grove St, Braintree 85, Mass	
Minn	Fred B Hill Co	6110 Excelsior Blvd, Mpls, Minn	
NJ	Wild & Associates	1519 Northern Blvd, Roslyn, NY	
NM	Frathom Co	33 W 42nd St, NY 36, NY	
NY	Wild & Associates	1519 Northern Blvd, Roslyn, NY	
Tex	Carey-Wolf Co	P.O. Box 5072, Ft Worth, Tex	
For	Frathom Co.	33 W 42nd St, NY 36, NY	
	ELECTRONIC DEVELOPMENT CORP E Ross #4 *23 B 330-338-365-895-915-1150-1340	**423 W. Broadway, Boston 27, Mass**	**AN8-3534**
Ala	Madco of Melbourne Inc	Rt 1, Box 574, Huntsville	JE9-6811
Cal	Hugh Gray Co	2166 Market St. S F	KL2-1777
Cal	Holbar Associates	100 Glendale Blvd, Los Angeles 26, Cal	DU2-8037
Conn	Brookdale Eng	6 Beacon St, Boston, Mass	CA7-1515
Fla	Madco of Melbourne Inc	Box 516, Melbourne	PA3-7016
Kan	N S Brown Assoc	PO Box 30177, Dallas 30, Tex	EM3-3698
Me	Brookdale Eng	6 Beacon St, Boston, Mass	CA7-1515
Md	Eng Assoc	2125 Maryland Ave, Baltimore	HO7-1966
Mass	Brookdale Eng	6 Beacon St, Boston	CA7-1515
Mo	N S Brown Assoc	PO Box 30177, Dallas 30, Tex	EM3-3698
Nev	Holbar Associates	100 Glendale Blvd, Los Angeles 26, Cal	DU2-8037
NH	Brookdale Eng	6 Beacon St, Boston, Mass	CA7-1515
Okla	N S Brown Assoc	PO Box 30177, Dallas 30, Tex	EM3-3698
Tex	N S Brown Assoc	5852 Boca Raton Dr, Dallas	EM3-3698
	ELECTRONIC DEVICES, INC R Schoeck #4 *50 D 500-1445	**50 Webster Ave, New Rochelle, NY**	**NE2-8500**
Cal	Harriss-Hoefle Sales Co	704 E Hillsdale Blvd, San Mateo, Cal	FI1-2909
Cal	Wes Aldinger Co	3060 Overland Ave, Los Angeles, Cal	UP0-8130
Colo	Art J Nelson Co	710 E Louisiana Ave, Denver, Colo	PE3-5528
Conn	New England Area Rep, Inc	33 Highland Ave, Somerville 43, Mass	PR6-2152
DC	Electronic Specialties Co	P.O. Box 5516 Washington 16, DC	WH6-1512
Fla	Winfield Electronic Sales	566 N.E. 125th St, Miami, Fla	PL1-6566
Ga	Lynd A Walking	P.O. Box 3045, Atlanta 17, Ga	DR30-8546
Ill	Rozner Sales Co	4708 N. Central Ave, Chicago, Ill	AV3-3022
Md	Massey Associates	111 Centerway, Greenbelt, Md	GR4-2971
Md	Morris F Taylor Co	P.O. Box 111, Silver Springs, Md	
Mich	Central Electronics	19303 Fairport, Detroit, Mich	LA6-5941
Mich	Leo Seguin	19303 Fairport, Detroit 5, Mich	
Mo	Carmine Vignola	P.O. Box 565, Jefferson City, Mo	5-1023
NJ	Mel Schwartz Sales Co	35-18 Tierney Pl, Fairlawn, NJ	SW7-3435
NY	Eugene Schomburg	830 Linden Ave, Rochester 10, NY	LU6-0725
Pa	Richard J Cooper	3507 Wellington, Philadelphia, Pa	MA4-6486
Tex	Hank Lieberman & Associates Inc	6006 Northwood Rd, Dallas, Tex	EM3-3452
	ELECTRONIC ENCLOSURES INC. 180-230-260-855-895-1065-1245	**3629 Holdrege Ave, Los Angeles 16, Cal**	**VE7-5163**
Colo	Parrish Electronics	1804 S. St. Paul, Denver 10, Colo	SK6-9455
NM	Parrish Electronics	1804 S. St. Paul, Denver 10, Colo	SK6-9455
Utah	Parrish Electronics	1804 S. St. Paul, Denver 10, Colo	SK6-9455
	ELECTRONIC ENGINEERING CO. W McQuiston #50 *170 E 338-895-1630	**1601 E. Chestnut Ave, Santa Ana, Cal**	**KI7-5501**
Ariz	Western Eng. Co	1644 W. Hatcher Rd, Phoenix	WI4-0431
Cal	Electronic Eng. Co. of Cal	1601 E. Chestnut Ave, Santa Ana	KI7-5501
Cal	Mardix	2115 El Camino Real, Palo Alto	DA1-7013
Colo	Western Eng. Co	1515 Cleveland Pl, Denver 2	AM6-2714
Conn	White Sales Co	Box 122, Berlin	BA4-0423
Ill	R E Stemm Inc	5681 W. Lake St, Chicago 44	ES9-2700
Mass	White Sales Co	945 Great Plain Ave, Needham 92	HI4-3676
Mich	M P Odell Co	10531 W. McNichols Rd, Detroit 21	UN2-1573
Minn	R E Stemm Inc	123 S. 3rd St, Mpls	FE5-7172
NJ	K E Hughes Co	4806 Bergenline Ave, Union City	UN7-3204
NY	R P Kennedy Co. Inc	182 Mayflower Dr, Rochester 18	BR1-6322
Ohio	M P Odell Co	2676 Salem Ave, Dayton 6	CR7-4441
Pa	M P Odell Co	750 Penn Ave, Pittsbgh 21	FR1-1231
Pa	K E Hughes Co	101 N 33rd St, Philadelphia 4	EV6-3130
Va	Electronic Eng. Co	Arlington Towers T-231, Arlington 9	JA5-0505
	ELECTRONIC INDUSTRIES, INC L Griffith #4 *18 E 1135-1800	**18 Marshall St, South Norwalk, Conn**	**VO6-1612**
●	**ELECTRONIC INSTRUMENT CO INC** P Portney 325-895-955-1435-1870-1895	**3300 Northern Blvd, L I City, NY**	**ST6-8700**
Ala	J F Russell, Jr	1453 Linda Vista Dr, Birmingham 9	TR1-8266
Ala	H Norman	638 Rochelle Dr, Nashville, Tenn.	
Alaska	Ron Merritt	1320 Prospect St, Seattle, Wash	
Ariz	Erlanger Sales Co	4217 W. Jefferson, Los Angeles 16, Cal	
Cal	Erlanger Sales Co	4217 W. Jefferson, Los Angeles 16, Cal	
Colo	Peyser & Co	1501 N. Weber, Colorado Springs, Colo	
Conn	M Scott Co	336 Washington, Wellesley Hills, Mass.	
Del	Charles W Lemmon	9427 Georgia Ave, Silver Spring, Md	
DC	Charles W Lemmon	9427 Georgia Ave, Silver Spring, Md	
Fla	J F Russell, Jr	1453 Linda Vista Dr, Birmingham 9, Ala.	TR1-8266
Fla	William C Judson	207 W. Alfred St, Tampa, Fla	
Ga	Jack Orton	715 Flamingo Dr, S.W., Atlanta, Ga	
Hawaii	Dougherty Enterprises	149 Kaimi St, Kailua, Hawaii	
Idaho	Ron Merritt	1320 Prospect St, Seattle, Wash	
Ill	J K Rose & Co	1116 Linden Ave, Highland Park, Ill	
Ind	Hemming Sales Co	Butler Ct, Ft. Wayne, Ind	
Iowa	R W Farris Co., Inc	406 W. 34th St, Kansas City, Mo	
Kan	R W Farris Co., Inc	406 W. 34th St, Kansas City, Mo	
Me	M Scott Co	336 Washington, Wellesley Hills, Mass.	
Md	Charles W Lemmon	9427 Georgia Ave, Silver Spring, Md	
Mass	Michael Scott Co	336 Washington, Wellesley Hills, Mass	
Mich	Grant Shaffer	14241 Fenkell Ave, Detroit, Mich	
Minn	Ray Ripley	7222 James Ave. S., Minneapolis, Minn	
Miss	J F Russell, Jr	1453 Linda Vista Dr, Birmingham, Ala	TR1-8266
Miss	Hal C Norman	638 Rochelle Dr, Nashville, Tenn	
Mo	R W Farris Co., Inc	406 W. 34th St, Kansas City, Mo	
Mont	Ron Merritt	1320 Prospect St, Seattle, Wash	
Neb	Peyser & Co.	1501 N. Weber, Colorado Springs, Colo	
Neb	R W Farris Co., Inc	406 W. 34th St, Kansas City, Mo	
Nev	Erlanger Sales Co	4217 W. Jefferson, Los Angeles 16, Cal	
NH	M Scott Co	336 Washington, Wellesley Hills, Mass.	
NJ	Charles W Lemmon	9427 Georgia Ave, Silver Spring, Md	
NJ	Robert A Stang	27 Columbus Ave, Tuckahoe, NY	
NM	Peyser & Co.	1501 N. Weber, Colorado Springs, Colo	
NY	Robert A Stang	27 Columbus Ave, Tuckahoe, NY	
NY	Jack Brown Associates	207 Rosedale Rd, Yonkers, NY	
NC	Francis Hager	5621 Murray Hill Rd, Charlotte, NC	
ND	Ray Ripley	7222 James Ave. S., Minneapolis, Minn	
Ore	Ron Merritt	1320 Prospect St, Seattle, Wash	
Pa	Charles W Lemmon	9427 Georgia Ave, Silver Spring, Md	
RI	M Scott Co	336 Washington, Wellesley Hills, Mass.	
SC	Francis Hager	5621 Murray Hill Rd, Charlotte, NC	
SD	Ray Ripley	7222 James Ave. S., Minneapolis, Minn	
Tenn	Hal C Norman	638 Rochelle Dr, Nashville, Tenn	
Tex	Peyser & Co.	1501 N. Weber, Colorado Springs, Colo	
Utah	Peyser & Co.	1501 N. Weber, Colorado Springs, Colo	
Vt	M Scott Co	336 Washington, Wellesley Hills, Mass.	
Va	Charles W Lemmon	9427 Georgia Ave, Silver Spring, Md	
Wash	Ron Merritt	1320 Prospect St, Seattle, Wash	
Wisc	J K Rose & Co	1116 Linden Ave, Highland Park, Ill	
Wyo	Peyser & Co.	1501 N. Weber, Colorado Springs, Colo	
Can	R Merritt Co	51 McCormack, Toronto 9, Ont.	
Canada	John R Tilton	51 McCormack, Toronto 9, Ontario, Canada	
	ELECTRONIC LABS CORP W Provosil #5 *15 670	**4221 Spencer St, Torrance, Cal**	**FR1-4011**
Ala	J E Joyner & Assoc	3rd A, Box 10821, Atlanta 10, Ga	PL5-4336
Ariz	Howe & Howe	PO Box 10497, Phoenix 16	AM5-9185
Ark	Macrae Smith	PO Box 35113, Dallas, Tex	FL1-1615
Cal	R W Thompson Assoc	814 N San Antonio Rd, Palo Alto	DA1-6083
Conn	Keyco Assoc	PO Box 757, Farmington	OR7-1771
Del	Tyler Griffin	32 S Fairfield Rd, Devon, Pa	MU8-4621
Fla	J E Joyner & Assoc	3rd A, PO Box 10821, Atlanta 10, Ga	PL5-4336
Ga	J E Joyner & Assoc	PO Box 10821, Atlanta 10	PL5-4336

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ill	Eng Services	6717 Vernon Ave. St Louis 30, Mo	PA6-2233
Ill	Carlson Electronic Sales	6577 N Northwest Hwy, Chicago	SP4-0277
Ind	Carlson Electronic Sales	6577 N Northwest Hwy, Chicago, Ill	SP4-0277
Iowa	Eng Services	6717 Vernon Ave. St Louis 30, Mo	PA6-2233
Kan	Eng Services	6717 Vernon Ave. St Louis 30, Mo	PA6-2233
Ky	Walter Bruer & Assoc	15631 Lakewood Blvd. Cleveland 7, Ohio	LA1-7268
La	Macrae Smith	PO Box 35113, Dallas, Tex	FL1-1615
Me	Keyco Assoc	PO Box 357, Farmington, Conn	OR7-1771
Md	Tyler Griffin	32 S Fairfield Rd. Devon, Pa	MU8-4821
Mass	Keyco Assoc	PO Box 357, Farmington, Conn	OR7-1771
Minn	Scott Electronic Sales	5209 W 60th St. Mpls 24	WE9-2985
Miss	J E Joyner & Assoc	P O Box 10821, Sta A, Atlanta 10, Ga	PL5-4336
Mo	Eng Services	6717 Vernon Ave. St Louis 30	PA6-2233
Neb	Eng Services	6717 Vernon Ave. St Louis 30, Mo	PA6-2233
Nev	R W Thompson Assoc	814 San Antonio Rd. Palo Alto, Cal	PA6-2233
NH	Keyco Assoc	PO Box 357, Farmington, Conn	OR7-1771
NJ	Sprung Assoc, Inc	254 W 31st St. New York 1, NY	LO5-1820
NJ	Tyler Griffin	32 S Fairfield Rd. Devon, Pa	MU8-4821
NY	Sprung Assoc, Inc	254 W 31st St. New York 1	LO5-1820
NY	Franklin & Andrews	2 Standish Ter, Syracuse 3	GI6-1120
NC	J E Joyner & Assoc	P O Box 10821, Sta A, Atlanta 10, Ga	PL5-4336
ND	J E Joyner & Assoc	PO Box 10821, Sta A, Atlanta 10, Ga	PL5-4336
Ohio	Walter Bruer & Assoc	15631 Lakewood Blvd. Cleveland 7	LA1-7268
Okla	Macrae Smith	PO Box 35113, Dallas 35, Tex	FL1-1615
Pa	Tyler Griffin	32 S Fairfield Rd. Devon	MU8-4821
RI	Keyco Assoc	PO Box 357, Farmington, Conn	OR7-1771
SC	J E Joyner & Assoc	PO Box 10821, Sta A, Atlanta 10, Ga	PL5-4336
SD	J E Joyner & Assoc	PO Box 10821, Sta A, Atlanta 10, Ga	PL5-4336
Tenn	J E Joyner & Assoc	PO Box 10821, Sta A, Atlanta 10, Ga	PL5-4336
Tex	Macrae Smith	PO Box 35113, Dallas 35	FL1-1615
Vt	Keyco Assoc	PO Box 357, Farmington, Conn	OR7-1771
Va	J E Joyner & Assoc	PO Box 10821, Sta A, Atlanta 10, Ga	PL5-4336
W Va	J E Joyner & Assoc	P O Box 10821, Sta A, Atlanta 10, Ga	PL5-4336
Wis	Scott Electronic Sales	5209 W 60th St. Mpls 24, Minn	WE9-2985
Wis	Carlson Electronic Sales	6577 N Northwest Hwy, Chicago 31, Ill	SP4-0277
Can	David R Beattie	1415 Lawrence Ave. W, Toronto 15, Ont	CH9-4461
For	Fieldon Electronics	61 Betula Ave. Vermont, Victoria, Aus	874-0454
For	Stutz & Gsessl	Bayerstr 3, Munchen 15, W Ger	55 59 13
	ELECTRONIC MACHINE PARTS INC 360	**128-11 18th Ave, College Point 56, NY**	**IN1-8850**
	ELECTRONIC MEASUREMENTS CO., INC. S Morinsky #5 *200 E 1340-1455	**Eatontown, NJ**	**LI2-0300**
Cal	John Francis O'Halloran & Associates	11636 Ventura Blvd, N. Hollywood, Cal	TR7-0173
Colo	Parrish Electronics	2130 S. Albion, Denver 22	SK6-9455
Ga	R Attaway Co	2315 B. Wallace Ave. SW. Huntsville, Ala.	534-2811
Ill	R Edward Stemm	5681 N. Lincoln St. Chicago 44, Ill	ES3-2780
Mass	G Gregory Assoc	7 Erie Dr. Natick	OL5-1330
Mich	Electro-Rep	22519 Telegraph Rd, Detroit 41, Mich	EL6-7211
Mo	Gordon Fruman Engineering Co	8151 Stanford Ave. St. Louis 24, Mo	PA5-5219
NY	C A Winick Co	1445 Valencia Rd. Schenectady 9	EM3-2288
Pa	Holdsworth & Co	426 S. Springfield Ave, Clifton Hts, Pa	MA6-8300
Pa	H E Ransford Co	5400 Clairton Blvd, Pittsburgh 36, Pa	TU4-3425
Tex	Eng. & Eqpt. Co	Box 13311, Ft. Worth 18	WA3-7386
Va	Jay Co, The	2420 Wilson Blvd, Arlington 1, Va	JA4-6767
Wash	G H Gillett & Assoc	4621 7th Ave. S. Seattle	MA3-5755
	ELECTRONIC MEASUREMENTS CORP M Lieblich 255-895-955	**625 Broadway, New York 12, NY**	**GR5-0610**
Ala	J E Joyner Jr	Box 10821, Atlanta, Ga	
Alaska	Northwestern Sales Co	Box 1914, Seattle, Wash	
Ariz	Don C Wallace	1206 Maple Ave, Los Angeles, Cal	
Ark	Ernest L Wilks	1212 Camp St, Dallas, Tex	
Cal	Technical Sales	1485 Bay Shore Blvd. SF	
Cal	Don C Wallace	1206 Maple Ave, Los Angeles, Cal	
Colo	Don C Wallace	1206 Maple Ave, Los Angeles, Cal	
Conn	Robert S MacArthur	Box 87, Waverly 79, Mass	
Del	David S Linz	238 Shelmire St, Philadelphia, Pa	
DC	David S Linz	238 Shelmire St, Philadelphia, Pa	
Fla	J E Joyner Jr	Box 10821, Atlanta, Ga	
Ga	J E Joyner Jr	Box 10821, Atlanta, Ga	
Hawaii	Don C Wallace	1206 Maple Ave, Los Angeles, Cal	
Idaho	Northwestern Sales Co	Box 1914, Seattle, Wash	
Ill	A H Bruning Co	1758 W. Lawrence Ave, Chicago, Ill	
Iowa	L F Florence Co	406 W. 34 St, Kansas City, Mo	
Kan	L F Florence Co	406 W. 34 St, Kansas City, Mo	
La	J E Joyner Jr	Box 10821, Atlanta, Ga	
Me	Robert S MacArthur	Box 87, Waverly 79, Mass	
Md	David S Linz	238 Shelmire St, Philadelphia, Pa	
Mass	Robert S MacArthur	Box 87, Waverly 79, Mass	
Minn	Merrill Franklin Co	338 E. Franklin Ave, Minneapolis, Minn	
Miss	J E Joyner Jr	Box 1082, Atlanta, Ga	
Mo	L F Florence Co	406 W. 34 St, Kansas City, Mo	
Mont	Northwestern Sales Co	Box 1914, Seattle, Wash	
Neb	L F Florence Co	406 W. 34 St, Kansas City, Mo	
Nev	Don C Wallace	1206 Maple Ave, Los Angeles, Cal	
NH	Robert S MacArthur	Box 87, Waverly 79, Mass	
NJ	Jack Weber	63 E. 9 St, New York 3, NY	
NY	Jack Weber	63 E. 9 St, New York 3, NY	
NC	J E Joyner Jr	Box 1082, Atlanta, Ga	
ND	Merrill Franklin Co	338 E. Franklin Ave, Minneapolis, Minn	
Ohio	John Olsen Co	16201 Shaker Blvd, Cleveland, Ohio	
Okla	Ernest L Wilks	1212 Camp St, Dallas, Tex	
Ore	Northwestern Sales Co	Box 1914, Seattle, Wash	
RI	Robert S MacArthur	Box 87, Waverly 79, Mass	
SC	J E Joyner Jr	Box 1082, Atlanta, Ga	
SD	Merrill Franklin Co	338 E. Franklin Ave, Minneapolis, Minn	
Tenn	J E Joyner Jr	Box 1082, Atlanta, Ga	
Tex	Ernest L Wilks	1212 Camp St, Dallas, Tex	
Vt	Robert S MacArthur	Box 87, Waverly 79, Mass	
Va	J E Joyner Jr	Box 1082, Atlanta, Ga	
Wash	David S Linz	238 Shelmire St, Philadelphia, Pa	
W. Va	John O Olsen Co	16201 Shaker Blvd, Cleveland, Ohio	
Wisc	A H Bruning Co	1758 W. Lawrence Ave, Chicago, Ill	
For	Pan Mar	1270 Broadway, NY 1, NY	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ELECTRONIC MECHANICS INC F Grafton #5 *110 D 315-900	**101 Clifton Blvd, Clifton, NJ**	**GR3-4108**
Cal	Wendell T Kurshner	1534 Whittier Blvd, Los Angeles 22	RA3-5600
Col	S E Weeks & Associates	35 W 37th Ave, San Mateo, Cal	FI5-7577
Ill	Mykey, Inc	645 Wheeling Rd, Wheeling, Ill	394-1500
Ind	Insulating Components Co	2701 W 16th St, Indpls 22, Ind	ME9-3324
Mass	Hese-Liberty Mica Co	Lynnfield St, Peabody, Mass	JE1-7100
	ELECTRONIC ORGAN ARTS INC 320-880-895-955	**4949 York Blvd, L A 42, Cal**	**CL6-6888**
Alaska	Wavor Charles F Jr	506 Firewood Ln, Anchorage, Alaska	
Ark	Lovern Donald	121 Normandy Rd, Little Rock, Ark	
Cal	Frey Dr Paul E	225 Pine St, Red Bluff, Cal	
Cal	Burhman Rex	Box 51, Morro Bay, Cal	
Cal	Wixson Roger	3019 Berlin Way, Oakland, Cal	
Cal	Weyrauch D Henry M	2201 Webster St, San Francisco 15, Cal	
Colo	Lawrence Harold D	1475 S. Fillmore St, Denver 10, Colo	
Fla	Johnson Charles H	7115 Bonnie Brae Ln, Jacksonville, Fla	
Ill	Eves C E	141 Forest Glen Rd, Wood Dale, Ill	
Ill	Johnson V H	29 S. Summit Ave, Villa Park, Ill	
Ill	Williamson Hugh S	5412 Sunnyside Ave. Chicago	
Ind	Johnson R H	2122 W. 5th Ave, Gary, Ind	
Kan	Underhill H D	Mound City, Kan	
Md	Staples Arthur	Rt 1, Box 40, Annapolis, Md	
Md	Ulbe P C	33 Butler Rd, Glymont, Md	
Mass	Dawes Arthur E	90 Aspen Rd, Swampscott, Mass	
Mass	Darling Elliot I	40 Everett St, Lynn, Mass	
Mich	Anderson Walter D.	4647 Wesson St, Detroit 10, Mich	
Mich	Martell Dale E	17417 Evergreen Rd, Detroit, Mich	
Minn	Isberner A E	Box 5415, Minneapolis, Minn	
Miss	Fox Raymond	104 Pringle Circle, Biloxi, Miss	
NJ	Weber C E	12 Jefferson Ave, Haddonfield, NJ	
NJ	Mikulayak Robert M	Box 104, Stirling, NJ	
ND	Geiken Don	115 Broadway, Fargo, ND	
Ohio	Hunt William T	179 S. Donmoor Rd, Columbus 4, Ohio	
Ohio	Philips Wm S	713 Glendale St, N. Canton 20, Ohio	
Pa	Thurman H L	2429 Saunder Sta Rd, Pitcairn, Pa	
Tex	Bottom Virgil E	2041 S. Willis, Abilene, Tex	
Tex	Truett Paul E	5709 Eppy St, Ft. Worth, Tex	
Canada	Thompson Walter	53 Front St, E., Toronto, Ontario, Canada	
	ELECTRONIC PARTS MFG CO., INC C Dedeian *8 A 190-345-1120-1125-1545-1875-1885-1960	**500-10 25th St, Union City, NJ**	**UN5-4028**
	ELECTRONIC PROCESSES CORP OF CAL K Woolley #4 *40 C 360-895	**436 Bryant St, San Francisco 7, Cal**	**EX7-3881**
Cal	Electronic Processes Corp	557 E. Walnut St. Pasadena	MU1-0300
Cal	Montgomery Brothers	4800 District Blvd, LA 58	LU9-6321
Cal	Montgomery Brothers	1122 Howard St. SF	UN1-3000
Del	C A Briggs Assoc	Box 151, Glenside, Pa	TU7-4080
DC	C A Briggs Assoc	Box 151, Glenside, Pa	TU7-4080
Ill	B & G Automation Sales Inc	Box 412, Harvey	ED3-1485
Ind	B & G Automation Sales Inc	Box 412, Harvey, Ill	ED3-1485
Ky	Ohio Instrument Co	7316 Winston Churchill Dr. Dayton, Ohio.	CH4-2744
La	Instrumatics Inc	3113 Leeland Ave. Houston 3, Tex	CA5-6059
Md	C A Briggs Assoc	Box 151, Glenside, Pa	TU7-4080
Mich	Eng. & Eqpt. Co	18055 James Couzens Hwy. Detroit 35	DI1-5943
Miss	Instrumatics Inc	3113 Leeland Ave. Houston 3, Tex	CA5-6059
NJ	C A Briggs Assoc	Box 151, Glenside, Pa	TU7-4080
Ohio	Ohio Instrument Co	7316 Winston Churchill Dr, Dayton 32, Ohio	CH4-2744
Ohio	Eng & Eqpt Co	18055 Couzens, Detroit, Mich	DI1-5943
Pa	C A Briggs Assoc	Box 151, Glenside	TU7-4080
Pa	Ohio Instrument Co	7316 Winston Churchill Dr. Dayton, Ohio	CH4-2744
Tex	Instrumatics Inc	3113 Leeland Ave. Houston 3	CA5-6059
Va	C A Briggs Assoc	Box 151, Glenside, Pa	TU7-4080
W. Va	Ohio Instrument Co	7316 Winston Churchill Dr, Dayton 32, Ohio	CH4-2744
Can	Electrodesign Ltd	9124 St Lawrence Blvd. Montreal	DU9-5914
	ELECTRONIC PRODUCTION & DEVELOPMENT, INC W Thomas #2 *50 B 265-715-890-895-900-1075-1290-1340-1960	**501 N Prairie Ave. Hawthorne, Cal**	**OR8-7642**
Cal	Tom Sloan & Assoc	501 N Prairie Ave. Hawthorne	OR8-7642
Fla	E C Raymond & Assoc	8215 Madeira Beach, St Petersburg	WA1-9735
Foreign	Allied International Corp	230 Park Ave, New York 17, NY	MU9-6126
	ELECTRONIC PRODUCTS CO. R Hahn #5 *50 D 1545-1880	**111 E.Third St, Mt Vernon, NY**	**MO4-9293**
	Sales Representatives: See Victoreen Instruments Co., Components Div		
	• **ELECTRONIC PRODUCTS CORP** J Enright #6 *8 A 275-325-330-338-360-470-475-515-565-740-895-1150-1245-1425-1460-1810-1845-1870	**4642 Belair Rd. Baltimore 6, Md.**	**HA6-1260**
Ala	Dick Bellew Sales Co	314 Melrose, Eldorado, Ark	UN3-8325
Ark	Dick Bellew Sales Co	314 Melrose, Eldorado	UN3-8325
Cal	West Eleven Inc	8961 Sunset Blvd, LA 46	CR4-7578
Conn	Adams-McGregor Assoc	66 Lakeview Rd. Lincoln, RI	PA6-1300
Del	R T Pearson Sales Co	1125 York Rd. Abington, Pa	TU7-0186
Fla	Mark Electronic Sales Co	410 NE 147th Terrace, N. Miami	WI7-5080
Ill	J J Indra Sales Co	5117 N. Oconto Ave. Chicago 31	UN7-8524
Ind	Delta Sales Co	2136 E. 52nd St. Indpls	CL1-3564
Iowa	McDowell Redlingshafer Sales Co	1103 E. Armour, KC, Mo	WE1-5622
Kan	McDowell Redlingshafer Sales Co	1103 E. Armour, KC, Mo	WE1-5622
Ky	Delta Sales Co	2136 E. 52nd St. Indpls, Ind	CL1-3564
La	Dick Bellew Sales Co	314 Melrose, Eldorado, Ark	UN3-8325
Me	Adams-McGregor Assoc	66 Lakeview Rd. Lincoln, RI	PA6-1300
Md	R T Pearson Sales Co	1125 York Rd. Abington, Pa	TU7-0186
Mass	Adams-McGregor Assoc	66 Lakeview Rd. Lincoln, RI	PA6-1300
Minn	Fred B Hill Co	6110 Excelsior Blvd. Mpls 16	WE9-6727
Miss	Dick Bellew Sales Co	314 Melrose, Eldorado, Ark	UN3-8325
Mo	McDowell Redlingshafer Sales Co	1103 E. Armour St. KC	WE1-5622
Neb	McDowell Redlingshafer Sales Co	1103 E. Armour St. KC, Mo	WE1-5622
NH	Adams-McGregor Assoc	66 Lakeview Rd. Lincoln, RI	PA6-1300
NJ	Sydney Justin Assoc	8 Apache Trail, Rockaway	
NJ	R T Pearson Sales Co	1125 York Rd. Abington, Pa	TU7-0186
NM	Bowdlin Eng & Sales Co	2329-C Wis Ave. N E, Albuquerque	AX9-0473
NY	Sydney Justin Assoc	544 W. 27th St, NY 1	BR9-8180
ND	Fred B Hill Co	6110 Excelsior Blvd. Mpls 16, Minn	WE9-6727

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ohio	Robt K Dean & Assoc	10002 Chippewa Rd, Brecksville	JA6-4317
Pa	R T Pearson Sales Co	1125 York Rd. Abington	TU7-0186
RI	Adams-McGregor Assoc	66 Lakeview Rd. Lincoln	PA6-1300
SD	Fred B Hill Co	6110 Excelsior Blvd. Mpls, Minn	WE9-6727
Tenn	Dick Bellew Sales Co	314 Melrose, Eldorado, Ark	UN3-8325
Vt	Adams-McGregor Assoc	66 Lakeview Rd. Lincoln, RI	PA6-1300
Wis	J J Indra Sales Co	5117 N. Oconto Ave. Chicago 31, Ill	UN7-8524
Wis	Fred B Hill Co	6110 Excelsior Blvd. Mpls, Minn	WE9-6727
Can	Smyth Electronic Components Ltd	380 Craig St. W. Montreal, Que	AV8-6281
For	Indl. Imports Ltd	Box 1271, Tokyo, Jap	
For	Megex	105 Quai Branly, Paris 15e, Fr	
	ELECTRONIC PRODS. MFG. CO. INC #2 *8 A 45-60-360-895	**110 Scott St. Spokane 3, Wash**	**KE4-9339**
	ELECTRONIC RESEARCH ASSOCIATES INC P Brennan #24 *200 E 55-255-275-320-338-365-670-895-915-1350-1420-1455-1655-1675-1855-1915	**67 Factory Pl, Cedar Grove, NJ**	**CE9-3000**
Ala	Col-Ins-Co, Inc	15-16 Hutchens Bldg. Huntsville	JE9-1771
Ariz	Tech-Ser, Inc	3540 Wilshire Blvd. Los Angeles, Cal	DU5-1765
Ark	Kay Sales Co	2600 Grand Ave. Kansas City, Mo	BA1-6733
Cal	Tech-Ser, Inc	3540 Wilshire Blvd. Los Angeles	DU5-1765
Colo	Missile Accessories Corp	2034 Kirkham Way, Salt Lake City, Utah	CY8-7992
Conn	Broger Instr Sales Co., Inc	PO Box 1917, New Haven	SP7-6278
DC	A & M Assoc., Inc	1145 19th St. NW, Washington	FE8-5116
Fla	Col-Ins-Co, Inc	5728 Precision Dr. Orlando	CH1-1501
Ga	Col-Ins-Co, Inc	2204 Ewing Dr. Atlanta 19	CE7-1434
Ill	Kay Sales Co	2600 Grand Ave. Kansas City, Mo	BA1-6733
Iowa	Heimann Co	1711 Hawthorne Ave. Mpls, Minn	FE2-5457
Kan	Kay Sales Co	2600 Grand Ave. Kansas City, Mo	BA1-6733
La	Aireo Eng Corp	PO Box 9555, Dallas 14, Tex	TA4-3800
Me	Broger Instr Sales Co	48 Pearl St. Brookline 47, Mass	BE2-4904
Md	A & M Assoc, Inc	1145 19th St. NW, Washington, DC	FE8-5116
Mass	Broger Instr Sales Co	48 Pearl St. Brookline 47	BE2-4904
Minn	Heimann Co	1711 Hawthorne Ave. Mpls	FE2-5457
Miss	Col-Ins-Co, Inc	5728 Precision Dr. Orlando, Fla	CH1-1501
Mo	Kay Sales Co	2600 Grand Ave. Kansas City 8	BA1-6733
Neb	Heimann Co	1711 Hawthorne Ave. Mpls, Minn	FE2-5457
Nev	Tech-Ser, Inc	3540 Wilshire Blvd. Los Angeles 5, Cal	DU5-6051
NH	Broger Instr Sales Co	48 Pearl St. Brookline 47, Mass	BE2-4904
NJ	Louis A Garten & Assoc	375 Passaic Ave. Caldwell	CA6-7800
NM	Kay Sales Co	2600 Grand Ave. Kansas City 8, Mo	BA1-6733
NY	Louis A Garten & Assoc	375 Passaic Ave. Caldwell, NJ	BO9-4339
NC	Col-Ins-Co, Inc	5728 Precision Dr. Orlando, Fla	CH1-1501
ND	Heimann Co	1711 Hawthorne Ave. Mpls, Minn	FE2-5457
Ohio	Edmund C Frost & Co	1545 Chelmsford Rd. Mayfield Hts 24	HI2-1040
Okla	Kay Sales Co	2600 Grand Ave. Kansas City 8, Mo	BA1-6733
Pa	Louis A Garten & Assoc	730 Washington Ln, Jenkintown	WA7-1200
RI	Broger Instr Sales Co.	48 Pearl St. Brookline 47, Mass	BE2-4904
SC	Col-Ins-Co, Inc	5728 Precision Dr. Orlando, Fla	CH1-1501
Tenn	Col-Ins-Co, Inc	5728 Precision Dr. Orlando, Fla	CH1-1501
Tex	Aireo Eng Corp	PO Box 9555, Dallas 14	TA4-3800
Utah	Missile Accessories Corp	2034 Kirkham Way, Salt Lake City	CY8-7992
Vt	Broger Instr Sales Co	48 Pearl St. Brookline 47, Mass	BE2-4904
Va	A & M Assoc, Inc	1145 19th St. NW, Washington, DC	FE8-5116
Wash	Stanley Enterprises	127 River St. Seattle 8	PA3-3320
Wis	Heimann Co, Inc	6421 W Powell Pl. Milwaukee	SP1-3810
Wyo	Missile Accessories Corp	2034 Kirkham Way, Salt Lake City, Utah	CY8-7992
	ELECTRONIC RESEARCH & DEVEL CO. DIV. MANDREL IND LTD. L Libin #3 *30 D 325-1305-1425-1870	**322 10th St. NW, Calgary, Alb**	**AT3-0771**
Can	Geo E Ferguson	1245 Osler St. Regina, Sask	LA3-0440
Can	Chisholm Industries Ltd	Electronic Ave. Port Moody, BC	
Can	M J Weber	311 Tillbury Ave. Ottawa 3, Ont	
	ELECTRONIC RESEARCH LABS 360-895-1225-1795	**85 Surrey St, Brighton 35, Mass**	**AL4-3934**
	ELECTRONIC SERVICE CO W Zilinsky #1 *3 A 895	**201 Linden Ave. Verona, NJ**	**CE9-0303**
	ELECTRONIC SERVICE CORP 135-280-315-585-715-730-900-1290-1540-1565	**2906 Birch St, Franklin Park, Ill**	**GL5-8100**
	ELECTRONIC SPECIALTIES CO 115-1425-1810	**P. O. Box 1041, Wyandotte, Mich**	**OR6-8866**
	ELECTRONIC SPECIALTY CO G Newhouse #200 *1000 G 45-190-325-670-895-1135-1425-1460-1730-1870	**5121 San Fernando Rd, L A 39, Cal**	**CH5-3771**
Ala	Aironic Accessory Co., Inc	3179 Maple Dr, Atlanta, Ga	CE7-0788
Ark	Aironic Accessory Co., Inc	3179 Maple Dr, Atlanta, Ga	CE7-0788
Cal	Eemco Div	4606 W. Jefferson Blvd, L A, Cal	RE3-0151
Cal	R Saiyers	1210 Dresden Way, San Jose 29	AL2-5554
Cal	Systems Laboratories	5121 San Fernando Rd, L A 39, Cal	CH5-3771
Colo	Barnhill Associates	1170 S. Sheridan Blvd, Denver 26, Colo	AX9-7597
Conn	Technicraft Laboratories	Thomaston, Conn	AT3-4315
Conn	Aironic Accessory Co., Inc	161 Orinoco Dr, Brightwaters, NY	MO6-6510
Del	Aironic Accessory Co., Inc	518 Virginia Ave, Baltimore 4, Md	VA3-3350
DC	Aironic Accessory Co., Inc	518 Virginia Ave, Baltimore 4, Md	VA3-3360
Ga	Aironic Accessory Co., Inc	3179 Maple Dr, Atlanta, Ga	CE7-0788
Ill	OEM Sales Co	P.O.Box 55232, Indianapolis 5, Ind	LI6-2452
Ind	OEM Sales Co	P. O. Box 55232, Indianapolis 5, Ind	LI6-2452
Kan	D & O Engineering Co., Inc	P.O Box 3107, Wichita, Kan	AM2-3052
Mo	OEM Sales Co	P. O. Box 55232, Indianapolis 5, Ind	LI6-2452
NH	Aironic Accessory Co., Inc	161 Orinoco Dr, Brightwaters, NY	MO6-6510
NJ	Angus-Stearn Assoc. Inc	Moorestown	BE5-1900
NJ	Aironic Accessory Co., Inc	161 Orinoco Dr, Brightwaters, NY	MO6-6510
NM	Barnhill Assoc	Box 1790, Alamogordo	HE7-2787
NY	Naylor Electric	1718 Erie Blvd. E. Syracuse 3	GR2-5183
NY	Herbert W Thuer	1058 Wildwood Rd, Oradell, NJ	CO2-5289
NY	Aironic Accessory Co., Inc	161 Orinoco Dr, Brightwaters, NY	MO6-6510
NC	Aironic Accessory Co., Inc	3179 Maple Dr, Atlanta, Ga	CE7-0788
Ohio	ROC Engineering & Sales Co	P. O. Box 241, Worthington, Ohio	TU5-1057
Okla	D & O Engineering Co., Inc	P.O.Box 3107, Wichita, Kan	AM2-3052
Pa	Houser Assoc	161 Water St. Perth Amboy, NJ	HI2-3159
Pa	Aironic Accessory Co., Inc	518 Virginia Ave. Baltimore 4, Md	VA3-3350
RI	Aironic Accessory Co., Inc	161 Orinoco Dr, Brightwaters, NY	MO6-6510
SC	Aironic Accessory Co., Inc	3179 Maple Dr, Atlanta, Ga	CE7-0788

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Tenn	Atomic Accessory Co., Inc.	3179 Maple Dr, Atlanta, Ga	CE7-0788
Tex	Ammon & Champion Co	3724 Bomar St, Dallas 4	FL7-3939
Utah	Barnhill Associates	217 N. 4th E., Salt Lake City, Utah	EL5-5101
Vt	Atomic Accessory Co., Inc	161 Ormond Dr, Brightwaters, NY	MO6-6510
Wash	Norwest Co., The	210 N 36th St, Seattle 3	ME3-3232
Foreign	Elektro-Metall Export	Jagerhofstr 25-29, Dusseldorf, Germany	
	ELECTRONIC SYSTEMS ENG CO	**2838 Wilshire Blvd. Okla City, Okla**	**VI2-1333**
	J Daniel #1 *7 A 895-1370		
Ala	Morris F Taylor Co	Box 111, Silver Spring, Md	JU9-4002
Ariz	Wallace & Wallace Co	1206 Maple Ave, Los Angeles 15, Cal	RI7-0401
Ark	Maynard Sales Co	2013 Cedar Springs, Dallas 1, Tex	RI2-2027
Cal	Wallace & Wallace Co	1206 Maple Ave, Los Angeles 15, Cal	RI7-0401
Colo	Vines & Co	Box 1025, Denver 1	TA5-4471
Del	Morris F Taylor Co	Box 111, Silver Spring, Md	JU9-4002
DC	Morris F Taylor Co	Box 111, Silver Spring, Md	JU9-4002
Fla	Morris F Taylor Co	Box 111, Silver Spring, Md	JU9-4002
Ga	Morris F Taylor Co	Box 111, Silver Spring, Md	JU9-4002
Idaho	Vines & Co	Box 111, Denver 1, Colo	TA5-4471
Iowa	Maury E Bettis Co	3706 Broadway, Kansas City 11, Mo	LO1-0772
Kan	Maury E Bettis Co	3706 Broadway, Kansas City 11, Mo	LO1-0772
La	Delzell-Maynard Sales Co	2013 Cedar Spring, Dallas 1, Tex	RI2-2027
Md	Morris F Taylor Co	Box 111, Silver Spring, Md	JU9-4002
Mo	Maury E Bettis Co	3706 Broadway, Kansas City 11	LO1-0772
Mont	Vines & Co	PO Box 1025, Denver 1, Colo	TA5-4471
Neb	Maury E Bettis Co	3706 Broadway, Kansas City 11, Mo	LO1-0772
Nev	Wallace & Wallace Co	1206 Maple Ave, Los Angeles 15, Cal	RI7-0401
NJ	Morris F Taylor Co	Box 111, Silver Spring, Md	JU9-4002
NM	Vines & Co	Box 1025, Denver 1, Colo	TA5-4471
NY	Leon L Adelman Co	25 Chittenden Ave, New York 33, NY	WO2-5308
NC	Morris F Taylor Co	Box 111, Silver Spring, Md	JU9-4002
Okla	Delzell-Maynard Sales Co	2013 Cedar Spring, Dallas 1, Tex	RI2-2027
Pa	Morris F Taylor Co	Box 111, Silver Spring, Md	JU9-4002
SC	Morris F Taylor Co	Box 111, Silver Spring, Md	JU9-4002
Tenn	Delzell-Maynard Sales Co	2013 Cedar Spring, Dallas 1, Tex	RI2-2027
Tex	Delzell-Maynard Sales Co	2013 Cedar Spring, Dallas 1, Tex	RI2-2027
Utah	Vines & Co	Box 1025, Denver 1, Colo	TA5-4471
Va	Morris F Taylor Co	Box 111, Silver Spring, Md	JU9-4002
W Va	Morris F Taylor Co	Box 111, Silver Spring, Md	JU9-4002
Wyo	Vines & Co	Box 1025, Denver 1, Colo	TA5-4471
Foreign	Henley & Co	202 E. 44 St, New York 17, NY	YU6-5544
	ELECTRONIC TUBE CORP	**1200 E. Mermaid La, Phila 18, Pa**	**CH7-6800**
	K Meinken Jr #13 *50 E 200-520-895-1800		
Ala	James L Highsmith & Co	3012 Ackler Dr. SW, Huntsville	JE9-6734
Ariz	G S Marshall Co	30 Pima Plaza, Scottsdale	
Ark	Engineering & Equipment Co	P O Box 13311, Fort Worth 18, Tex	WA3-7386
Cal	G S Marshall Co	2065 Huntington Dr. San Marino	MU1-6781
Colo	Hyde Electronics Co	888 S Lipan St. Denver 23	WE6-3456
Conn	Burlingame Assoc	510 S Fulton Ave, Mt Vernon, NY	MO4-7530
Del	Burlingame Assoc	510 S Fulton Ave, Mt Vernon, NY	MO4-7530
DC	Burlingame Assoc	510 S Fulton Ave, Mt Vernon, NY	MO4-7530
Fla	James L Highsmith & Co	3012 Ackler Dr. SW, Huntsville, Ala	FR7-2546
Ga	James L Highsmith & Co	3012 Ackler Dr. SW, Huntsville, Ala	FR7-2546
Idaho	Hyde Electronics Co	888 S Lipan St, Denver 23, Colo	WE6-3456
Kan	Associated Industries Inc	455 S Washington St, Wichita, Kan	HO4-0391
La	Eng & Eqpt Co	PO Box 13311, Fort Worth 18, Tex	WA3-7386
Me	Burlingame Assoc	510 Fulton Ave, Mt Vernon, NY	MO4-7530
Md	Burlingame Assoc	510 S Fulton Ave. Mt Vernon, NY	HT4-7530
Mass	Burlingame Assoc	510 S Fulton Ave, Mt Vernon, NY	MO4-7530
Mich	Gaine Engineering Co	1474 E. Outer Dr, Detroit 34, Mich	FO6-5353
Mo	Associated Industries Inc	455 S Washington St, Wichita 2, Kan	HO4-0391
Mont	Hyde Electronics Co	888 S Lipan St. Denver 23, Colo	WE6-3456
Nev	G S Marshall Co	2065 Huntington Dr. San Marino, Cal	MU1-6781
NH	Burlingame Assoc	510 S Fulton Ave, Mt Vernon, NY	MO4-7530
NJ	Burlingame Assoc	510 S Fulton Ave, Mt Vernon, NY	MO4-7530
NM	G S Marshall Co	30 Pima Plaza, Scottsdale, Ariz	
NY	Burlingame Assoc	510 S Fulton Ave. Mt Vernon	MO4-7530
NC	James L Highsmith & Co	3733 Monroe Rd. Charlotte	FR7-2546
Ohio	Gaine Eng Co	29600 Bruce Dr. Willowick	WH3-3731
Okla	Associated Industries Inc	455 S Washington St, Wichita 2, Kan	HO4-0391
Pa	Burlingame Assoc	510 S Fulton Ave, Mt Vernon, NY	MO4-7530
RI	Burlingame Assoc	510 S Fulton Ave, Mt Vernon, NY	MO4-7530
SC	James L Highsmith & Co	3733 Monroe Rd, Charlotte, NC	FR7-2546
Tenn	James L Highsmith & Co	3012 Ackler Dr. SW, Huntsville, Ala	JE9-6734
Tex	Eng & Eqpt Co	PO Box 13311, Fort Worth 18	WA3-7386
Utah	Hyde Electronics Co	2503 Connor St. Salt Lake City 9	IN7-5763
Vt	Burlingame Assoc	510 S Fulton Ave. Mt Vernon, NY	MO4-7530
Va	James L Highsmith & Co	PO Box 536, Richmond	EL9-1411
Canada	Adams Engineering Ltd	1500 St. Catherine St, W., Mont, Que, Can	WE3-6857
Canada	Electromechanical Products	Markham Rd, Agincourt, Ontario, Canada	AX3-7011
Foreign	Sales Representatives in All Principal Countries		
	ELECTRONICS CORP OF AMERICA	**One Memorial Dr, Cambridge 42, Mass**	**UN4-8000**
	B Shaw F 235-338-360-885-895-1010-1920		
Ala	W E Veenschoten	2115 6th Ave, S., Birmingham, Ala	AL1-3567
Ariz	Technical Services Co., Inc	2430 E. Washington St, Phoenix, Ariz	BR5-5423
Ariz	Cone & Wallace Co	1325 S. 26th St, Phoenix, Ariz	BR5-4436
Cal	Hundley Co.	3282 Fletcher Dr, Los Angeles, Cal	
Cal	Electronic Control Systems Inc	1090 S. LaBrea, Los Angeles, Cal	
Cal	Earl C Call & Assoc	1297 Bayshore Blvd. Burlingame	DI2-9207
Cal	Electronics Corp of America	1416 Bayshore Blvd. San Francisco	JU4-0400
Colo	Automatic Control & Equipment Co	5750 Pecos St, Denver, Colo	GE3-6436
Conn	Connecticut Valley Enterprises	P.O. Box 188, Essex, Conn	SO7-1128
DC	Gibson Engineering	River & Butler Rds, Washington, DC	OL2-4700
Fla	J J Gallaher	617-A Cleveland St, Clearwater, Fla	3-7706
Fla	Florida Automatic Controls Co	3711 Inman Rd. Tampa	RE6-1364
Ga	Roy E Wilson Co	1082 Northside Dr, N.W., Atlanta, Ga	TR6-8833
Ga	Automatic Controls Co	313 Techwood Dr, N.W., Atlanta, Ga	JA2-3556
Hawaii	Berkley Engineering Co	P.O. Box 3856, Honolulu, Hawaii	
Ill	Electronics Corp of America	Prudential Plaza, Chicago, Ill	WH4-6368
Ill	N W Kattrinus & Co	1725 Hatch St. Springfield	LA2-7880
Ill	Fred I Tourtelot Co	407 S Dearborn St. Chicago	HA7-5464
Ill	Meters & Controls	444 N LaSalle St. Chicago	WH4-1448
Ind	Meters & Controls, Inc	5019 Indianapolis Blvd. E Chicago	SO7-4722
Ind	Electro Products	702 E. 10th St, Indianapolis, Ind	ME1-7420
Ind	National Engineering Co	5775 Hillside Ave, Indianapolis, Ind	CL1-1132
Iowa	Deco Engineering Products	1112 Locust St, Des Moines, Iowa	AT8-5721
Iowa	Deco Engineering Products	1576 Second Ave. SE Cedar Rapids	EM4-2952
Ky	Richard Equipment Co	633 S. 5th St, Louisville, Ky	JU3-9736
La	Mid South Sales Co	4424-B Earhart Blvd, New Orleans, La	TU4843
La	United Controls	Box 1254, Shreveport	3-7759
Md	Aaron Assoc	807 Providence Rd. Baltimore	VA3-6469
Mich	D T Randall Co	530 Livernois Ave, Detroit, Mich	JO6-7130
Minn	Engineered Sales Co	314 W. 38th St, Minneapolis, Minn	TA4-4696
Minn	Volvo Co	831 S. 6th St, Minneapolis, Minn	FE6-3373
Mo	Mulkey & Hanna Co	11 E. Gregory Blvd, Kansas City, Mo	EM3-1771
Mo	Conrow Co	2522 Summit St. Kansas City	VI2-3306
Mo	Hester-Bradky Co	2835 Washington Blvd. St Louis	FR1-3406
Neb	Deco Engineering Products	113 N. 40th St. Omaha	558-1187
NJ	R L Faber & Assoc, Inc	1246 Broad St. Bloomfield	ED8-6900
NY	Electronics Corp of America	30 Rockefeller Plaza, New York, NY	JU6-6200
NY	Cense Electric Corp	1144 Broadway, Albany, NY	HO2-5364
NY	Niagara Electric Sales	103 S. Clinton St, Rochester, NY	HA2070
NY	R A Keylan	Box 444, Albany, NY	8-4666
NY	Niagara Electric Sales	505 Delaware Ave, Buffalo, NY	SU4000
NC	James L Highsmith & Co	3733 Monroe Rd, Charlotte, NC	FR7-2548
NC	AC Controls Co	2316 Central Ave. Charlotte	377-2715
Ohio	Electronics Corp of America	3100 Warrensville Rd, Cleveland, Ohio	ED1-4124
Ohio	Richard Equipment Co	2137 Reading Rd, Cincinnati, Ohio	CH1-3240
Ohio	Anderson-Bolds, Inc	2012 W 25th St. Cleveland	PR1-7712
Ohio	Ken Diamond Co	3435 Edwards Rd. Cincinnati	TR1-1305
Ohio	Anderson-Bolds, Inc	1720 Grace Lane, Columbus	AM7-8260
Ohio	Richard Equipment Co	41 Springfield St. Dayton	CL3-2195
Okla	Allo Sales Inc	1307 S. Boulder, Tulsa, Okla	LU5-8724
Okla	Snyder Co., Inc	1432 E. 6th St, Tulsa, Okla	GI7-0126
Ore	W R Norte Co	215 N E Oregon St, Portland, Ore	BE4-7433
Pa	Electronics Corp of America	5180 State Rd, Philadelphia, Pa	CL9-1015
Pa	Earl E Whitaker & Son	822 West St, Pittsburg, Pa	FR1-6220
Pa	J C Wiscott Co.	77 4 W. Chester Pike, Upper Darby, Pa	TR9-6400
Pa	Russell F Clark Co	1419 Clark Bldg. Pittsburgh	AT1-8081
Tenn	H R Miles & Assoc	2500B Franklin Rd. Nashville	CY2-7016
Tenn	R E Overman Co	2085 Union Ave. Memphis	BR5-0844
Tenn	Industrial Boiler & Eqpt Co	7060 Broad Ave. Memphis	FA4-6628
Tenn	A G Brown Co	440 Frazier Ave. Chattanooga	AM7-8174
Tex	Industrial Equipment Co of Houston	6801 Navigation Blvd, Houston, Tex	WA8-5431
Tex	Snyder Co. Inc	116 Phillips Rd. Borger	BR4-4141
Tex	Erickson Industrial Prod Co	6233 Peeler St. Dallas	FL2-7072
Tex	Snyder Co. Inc	709 W County Rd. Odessa	FE2-9408
Utah	Electric Equipment Co	130 W. Commonwealth, Salt Lake City	HU5-9382
Utah	Industrial Services & Engineering Co	211 W. Fruit Ave, Salt Lake City, Utah	IN7-4257
Va	Business Control & Equipment Co	306 W. Carey St, Richmond, Va	MI3-5357
Va	James L Highsmith & Co	Box 536, Richmond	EL1411
Wash	Industrial Instrument Supply	120 N Division St. Spokane	RI7-2031
Wash	Eicher & Co	5 W Harrison St, Seattle, Wash	AT4-1011
Wash	R H Linger Co	2615 Fifth Ave, Seattle, Wash	MA2-6141
Wisc	Gordon Hatch Co., Inc	531 W Wisconsin Ave, Milwaukee, Wisc	BR1-3021
Canada	Electronics Corp of Amer Ltd	104 Advance Rd, Toronto, Ont, Canada	BE3-6243
England	Fireye Controls Co Ltd	14 Fetter Ln, London, England	
	ELECTRONICS DEVELOPMENT INC	**521 Marylyn Ave. State College, Pa**	**AD8-0593**
	G McCook #5 *10 A 1135		
Cal	Abbott Instrument & Engineering Co	10513 Santa Monica Blvd, L A 24, Cal	GR4-5310
Cal	Montgomery Brothers	1121 Howard St. SF 3	UN1-3527
Conn	Cittman & Greer Inc	S. Main St, Ext, Middletown, Conn	DI6-3606
Ga	Appleton-Church Inc	1956-A Monroe Dr, N E., Atlanta 9, Ga	TR5-7244
Ill	Hanlon Eqpt. Co	6272 N N. St. Chicago	BE7-7122
Ind	Couchman Conant Inc	1400 N. Illinois St, Indianapolis, Ind	ME5-5313
Md	D & H Distributing Co. Inc	2025 Worcester St. Baltimore 30	
Mich	Monahan Standard	351 Indiana Ave, N.W., Grand Rapids 4	GL9-5917
Minn	Velco Co	831 S. 6th St, Minneapolis 4, Minn	FE6-3373
Mo	Conrow Co	2522 Summit St. KC	VI2-3306
NJ	Oliver Sales-Eng Co	213 Edgewood Ave. Westfield	AD2-6284
NY	R P Smith Co., Inc	446 James St, Syracuse 3, NY	HO3-2740
NY	Frontier Electronics	902 Fillmore Ave. Buffalo 23	TR5-4542
NY	R P Smith Co. Inc	Pine St. Sta, Albany 3	HO3-8626
Ohio	Anderson-Bolds Co	2012 W. 25th St, Cleveland, Ohio	PR1-7112
Ohio	G M Sheldon	525 S Franklin St. Van Wert	BE2-5451
Ore	Montgomery Brothers	1632 N W Johnson St. Portland	
Pa	D & H Distributing Co. Inc	2525 N 7th St. Harrisburg	CE6-8001
Pa	Vost Machinery Co	Box 10025, Pittsburgh	WI1-6160
Tex	Wallace Assoc	2679 Fleetwood Dr, Dallas 20	FL7-7080
Wash	Montgomery Brothers	511 Western Ave. Seattle 4	
For	E Dumont Compagnie Auxiliare D'Entreprises Electro-mecaniques	26 Rue des Annelets Paris 19, Fr	
For	T Kaneko Co. Ltd	47 Umedacho, Kita-ku Osaka, Jap	
Can	Electrodesign Ltd	9124 St. Lawrence Blvd. Montreal, Que	DU9-5914
Can	Electrodesign Ltd	35 Mulholland St. Toronto 19, Ont	
Can	Electrodesign Ltd	428 Rideau St. Ottawa, Ont	
	ELECTRONICS INC. OF PA	**2440 Maryland Ave. Willow Grove, Pa**	**OL9-6666**
	M Jensen #1 *30 C 200-1150		
	ELECTRONICS, MISSILES & COMMUNICATIONS, INC	**262 E 3rd St. Mount Vernon, NY**	**MO8-3012**
	B St Clair #3 *20 B 325-365-895-1135-1870-1895		
Ariz	A W Weart Brothers	16113 S Harris, Compton, Cal	NE6-7046
Cal	A W Weart Brothers	16113 S Harris, Compton	NE6-7046
Colo	L B Walker Co	Pueblo	LI2-1924
Colo	L B Walker Radio Co	Grand Junction	CH2-4435
Idah	Video Utility Co	244 Market St. Seattle 7, Wash	SU4-1111
Ind	Midwest Sales Co	3219 W 117th St. Cleve, Ohio	WI1-2700
Iowa	K & M Electronics Co	4991 Excelsior Blvd. Mnpls, Minn	WA7-6545
Ky	Midwest Sales Co	3219 W 117th St. Cleve, Ohio	WI1-2700
Mich	Midwest Sales Co	9440 Marlowe, Plymouth	GL3-4438
Minn	K & M Electronics Co	4991 Excelsior Blvd. Mnpls	WA7-6545
Mont	Video Utility Co	2444 Market St. Seattle 7, Wash	SU4-1111
Neb	K & M Electronics Co	4991 Excelsior Blvd. Mnpls, Minn	WA7-6545
NM	L B Walker Radio Co	100 N Victoria, Pueblo, Colo	LI2-1924
ND	K & M Electronics Co	4991 Excelsior Blvd. Mnpls, Minn	WA7-6545
Ohio	Midwest Sales Co	3219 W 117th St. Cleve	
Ore	Video Utility Co	2444 Market St. Seattle 7, Wash	SU4-1111
Pa	Midwest Radio Sales Co	3219 W 117th St. Cleve, Ohio	WI1-2700
SD	K & M Electronics Co	4991 Excelsior Blvd. Mnpls, Minn	WA7-6545
Utah	TV Pix Inc	175 Social Hall Ave. Salt Lake City	EL9-7691
Wash	Video Utility Co	2444 Market St. Seattle 7	SU4-1111
W Va	Midwest Sales Co	3219 W 117th St. Cleve, Ohio	WI1-2700
Wis	K & M Electronics Co	4991 Excelsior Blvd, Mnpls, Minn	WA7-6545
Wyo	Video Utility Co	2444 Market St. Seattle 7, Wash	SU4-1111
	ELECTRONS INC	**127 Sussex Ave, Newark 3, NJ**	**HU2-5977**
	R Roberts 1880		
	ELECTROPAC, INC. SUB COMPUTER CONTROL CO	**62 Union St. Peterborough, NH**	**WA4-6411**
	R Thornburg #3 *40-50 C 25-185-190-338-450-1135-1960		
Mass	Computer Control Co	983 Concord St. Framingham	TR5-6155
	ELECTROPARTS	**P. O. Box 1137, Glendale 6, Cal**	**AN1-0339**
	30-265-700-900-1070-1635		
	ELECTROPHONO & PARTS CORP	**530 Canal St, New York 13, NY**	**WO6-5163**
	A Fleisher 1255-1270-1330		
Ala	Cartwright & Bean	3223 Cain's Hill Pl. Atlanta 5, Ga	
Alas	Don Smith Sales Co	2320 N 45th St. Seattle 3, Wash	EV3-3160
Ariz	Marshank Sales Co	7422 Melrose Ave, Los Angeles 46, Cal	
Ark	Cartwright & Bean	1336 Madison Ave, Memphis, Tenn	
Cal	Marshank Sales Co	7422 Melrose Ave, Los Angeles, Cal	
Cal	Logan & Logan Co	254 12th St. San Francisco	UN3-0245
Colo	Connors, Inc	5400 E Evans Ave. Denver 22	SK6-9417
Conn	Willson Sales Co	6 Mohawk Rd. Marblehead, Mass	NE1-4116
Del	Wilfrid Graham Assoc	610 Latham Dr. Wynnewood, Pa	MI9-3027
DC	Wilfrid Graham Assoc	610 Latham Dr. Wynnewood, Pa	MI9-3027
Fla	Cartwright & Bean	2000 N.E. 25 Ct. N. Miami, Fla	
Ga	Cartwright & Bean	3223 Cains Hill Pl, N.W., Atlanta, Ga	
Haw	Dougherty Enterprises	304 Ilimalia Loop, Kailua, Haw	253-666
Idah	Connors, Inc	5400 E Evans Ave. Denver 22, Colo	SK6-9417
Ill	Karet-Margolin, Inc	1800 W Belle Plaine Ave, Chicago 13	WE5-4642
Ind	Doug Cook & Assoc	3710 N Meridian St. Indpls	WA6-6611
Iowa	Forristal Young Sales Co	4057 Broadway, Kansas City, Mo	
Kan	Forristal Young Sales Co	4057 Broadway, Kansas City, Mo	
Ky	Doug Cook & Assoc	3710 N Meridian St. Indpls, Ind	WA6-6611
La	Cartwright & Bean	822 Perdido St, New Orleans, La	
Me	Willson Sales Co	6 Mohawk Rd. Marblehead, Mass	NE1-4116
Md	Wilfrid Graham Assoc	610 Latham Dr. Wynnewood, Pa	MI9-3027
Mass	Willson Sales Co	6 Mohawk Rd. Marblehead	NE1-4116
Mich	Clerg-Telmoss, Inc	1777 W Lafayette Blvd. Detroit	WO5-2229
Minn	Forrest J Carlson	3 N 15th St. Mnpls	FE6-8648
Miss	Cartwright & Bean	1336 Madison Ave, Memphis, Tenn	
Mo	Forristal Young Sales Co	8147 Delmar, St. Louis, Mo	
Mont	Connors, Inc	5400 E Evans Ave. Denver 22, Colo	
Neb	Forristal Young Sales Co	4057 Broadway, Kansas City, Mo	
Nev	Marshank Sales Co	7422 Melrose Ave, Los Angeles, Cal	
Nev	Logan & Logan Co	254 12th St. San Francisco, Cal	
NH	Willson Sales Co	6 Mohawk Rd. Marblehead, Mass	
NJ	Wilfrid Graham Assoc	610 Latham Dr. Wynnewood, Pa	
NJ	Metropolitan Sales Co	37 Laura Dr. Westbury, NY	ED3-6484
NM	Connors, Inc	5400 E Evans Ave. Denver 22, Colo	
NY	William M Ferguson	117 Fayette St. Manlius	OV2-9001
NY	Metropolitan Sales Co	37 Laura Dr. Westbury	
NC	Cartwright & Bean	625 Harwyn Dr, Charlotte, NC	
ND	Forrest J Carlson	3 N 15th St. Mnpls, Minn	
Ohio	Mike Roth Sales Co	13947 Cedar Rd. Cleveland	YE2-4352
Okla	The Maynard Sales Co	2013 Cedar Springs, Dallas, Tex	
Ore	Don Smith Sales Co	2320 N 45th St. Seattle 3, Wash	
Pa	Mike Roth Sales Co	13947 Cedar Rd. Cleveland, Ohio	
Pa	Wilfrid Graham Assoc	610 Latham Dr. Wynnewood	
RI	Willson Sales Co	6 Mohawk Rd. Marblehead, Mass	
SC	Cartwright & Bean	625 Harwyn Dr. Charlotte, NC	FR6-8648
SD	Forrest J Carlson	3 N 15th St. Mnpls, Minn	
Tenn	Cartwright & Bean	1336 Madison Ave, Memphis 4, Tenn	
Tex	Maynard Co	2013 Cedar Springs, Dallas, Tex	
Utah	Connors, Inc	5400 E Evans Ave. Denver, Colo	
Vt	Willson Sales Co	6 Mohawk Rd. Marblehead, Mass	
Va	Wilfrid Graham Assoc	610 Latham Dr. Wynnewood, Pa	
Wash	Don Smith Sales Co	2320 N 45th St. Seattle 3	
W Va	Mike Roth Sales Co	13947 Cedar Rd. Cleveland, Ohio	
Wis	Karet-Margolin, Inc	1800 W Belle Plaine Ave. Chicago, Ill	
Wis	Forrest J Carleen	3 N 15th St. Mnpls, Minn	
Wyo	Connors, Inc	5400 E Evans Ave. Denver, Colo	
•	**ELECTROSPACE CORP**	**99 E Hawthorne Ave. Valley Stream, NY**	**VA5-6363**
	S Markel #4 *50 D 25-35-135-195-250-338-700-795-805-895-1245-1340-1545-1735		
Del	Tyler Griffin Co.	32 S. Fairfield Rd, Devon, Pa	EN9-4821
Ind	Rixan Associates, Inc	33 W Stratford Ave. Dayton 2, Ohio	BA2-8011
Md	Tyler Griffin Co	32 S. Fairfield Rd, Devon, Pa	EN9-4821
Mich	Rixan Associates, Inc	33 W Stratford Ave. Dayton 2, Ohio	BA2-8011
NJ	OEM Sales Corp	80 Shore Rd. Port Washington, NY	PO7-7700
NY	OEM Sales Corp	80 Shore Rd. Port Washington	PO7-7700
Ohio	Rixan Associates Inc	33 W. Stratford Ave, Dayton 2, Ohio	BA2-8011
Pa	Tyler Griffin Co	32 S. Fairfield Rd, Devon, Pa	MU8-4821
Tex	Max Daggett	P O Box 35152, Dallas 35, Tex	EM8-2071
	ELECTROVERT INC	**124 E. 40 St, New York 17, NY**	**OX7-8396**
	F Farkell #3 *15 285-300-700-965-1635-1825		
Ala	Osgood & Associates	958 Spring St, N.W., Atlanta 9, Ga	TR5-7804
Alaska	Yukon Radio Supply	Box 456, Anchorage, Alaska	
Ariz	King Engineering Co	5321 1/2 Hollywood Blvd, L A 27, Cal	HO4-7166
Cal	King Eng. Co	230 Hyde St. SF 2	GR4-6684
Cal	King Engineering Co	1878 Union St, San Francisco 23, Cal	WE1-2168
Colo	Landes Zachary & Peterson Co	601 S. Jason St, Denver 23, Colo	SH4-1311
Conn	J P Dennis Co	Box 66, Mountain Lakes, NJ	DE4-4141
Del	J P Dennis Co	Box 66, Mountain Lakes, NJ	DE4-4141
DC	J P Dennis Co	Box 66, Mountain Lakes, NJ	DE4-4141
Fla	Osgood & Associates	958 Spring St, N.W., Atlanta 9, Ga	TR5-7804
Ga	Osgood & Associates	958 Spring St, N.W., Atlanta 9, Ga	TR5-7804
Idaho	Burt C Porter Co	1708 Poplar Pl, Seattle 44, Wash	EA3-8330
Idaho	Richard Legg Co	1633 N.W. 21st Ave, Portland 9, Ore	CA3-9720
Ill	Emil Peschel	5935 N. Artesian Ave. Chicago	
Ill	Robert Cummings Co	1115 N. Elm St, Arlington Heights, Ill	CL5-0268
Ill	Ensco	4550 Main St, Kansas City, Mo	JE1-7765
Ind	Robert Cummings Co	1115 N. Elm St, Arlington Heights, Ill	CL5-0268
Ind	Joseph B Clough Co	12417 Cedar Rd, Cleveland 6, Ohio	ER1-3022
Iowa	Ensco	1305 Oakland Gdns, Cedar Rapids	EM5-6180

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Kan	Ensco	4537 Main St, Kansas City, Mo	JE1-7765
Ky	J B Clough Co	12417 Cedar Rd, Cleve 6, Ohio	ER1-3322
Me	Harold Henchey	30 Elmcrest Circle, Melrose 76, Mass	NO5-8303
Mass	Harold Henchey	30 Elmcrest Circle, Melrose 76, Mass	NO5-8303
Mich	M A Percival Co	1950 H. Eight Mile Rd. Detroit	KE8-0230
Minn	Sanford-Crowell Inc	3225 31st Ave S. Mpls 6	
Mo	Ensco	6717 Vernon Ave. St. Louis 30	PA6-2233
Mont	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Nev	King Engineering Co	5321 1/2 Hollywood Blvd, L A 27, Cal	HO4-7166
NH	Harold Henchey	30 Elmcrest Circle, Melrose 76, Mass	NO5-8303
NJ	J P Dunne Co	Box 66, Mountain Lakes	DE4-4848
NM	Landes, Lachary & Peterson Co	5900 Domingo NE, Albuquerque	
NY	Harrison Radio Corp	225 Greenwich St, New York, NY	BA7-7777
NY	J P Dunne Co	Box 66, Mountain Lakes, NJ	DE4-4848
NC	G F Schiffer & Co	1013 Huffman St, Greensboro, NC	BR3-5578
Ohio	Joseph B Clough Co	12417 Cedar Rd, Cleveland 6, Ohio	ER1-3322
Ore	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Pa	J P Dunne Co	Box 66, Mountain Lakes, NJ	DE4-4848
RI	Harold Henchey	30 Elmcrest Circle, Melrose 76, Mass	NO5-8303
SC	G F Schiffer & Co	1013 Huffman St, Greensboro, NC	BR3-5578
Tenn	Osgood & Associates	988 Spring St, N.W., Atlanta 9, Ga	TR5-7814
Utah	Landes, Lachary & Peterson Co	2501 S. State St. Salt Lake City	HU7-7873
Vt	Harold Henchey	30 Elmcrest Circle, Melrose 76, Mass	NO5-8303
Va	J P Dunne Co	Box 66, Mountain Lakes, NJ	DE4-4848
Wash	Richard Legg Co	1633 N.W. 21st Ave, Portland 9, Ore	CA3-9720
W Va	J P Dunne Co	Box 66, Mountain Lakes, NJ	DE4-4848
Wyo	Landes Zachary & Peterson Co	601 S. Jason St, Denver 23, Colo	SH4-1311
	ELECTROWEST INC	**2351 Albatross Way, Sacramento 15, Cal**	**WA2-4576**
	D Robbins #2 *16 C 360-610-895-1795-1850-1935		
	ELECTYME MOTOR PRODS CORP	**Genoa, Ill**	
	ELESTA LTD. ELECTRONIC CONTROLS	**Bad Ragaz, Switzerland**	**085 9 11 55**
	A Gogelberg #10 *250 E 235-360-895-1460-1810-1880		
Mass	Bordewieck Eng. Sales Corp	221 Grove St. Braintree, Boston 85	VI3-0845
	ELETTRONICA METAL LUX S P A	**Viale Sarca 94, Milan, Italy**	**6424128**
	N Reichmuth #5 *135 D 50-320-895-1075-1135-1475		
For	Etab. MIRAVOX S.A.	81 Rue de la Loi, Bruxelles, Belg	121989
For	Ind. Electronic	23/25 Rosenvaengets Alle, Copenhagen, Den	TR 2100
For	Gno. C F Kaubere N.V	Mulden, Holl	0-2942-342
For	Moor Ag	Usteristr. 14, Zurich, Switz	258880/81
	ELGENCO INC	**1555 14th St, Santa Monica, Cal**	**EX3-3023**
	H Low #3 *12 A 895		
	ELGIN METALFORMERS CORP	**630 Congdon Ave, Elgin, Ill**	
	180-790-895-1235-1245-1390		
	ELGIN NATIONAL WATCH CO ELECTRONICS DIV ADVANCE RELAYS	**2435 N. Naomi St, Burbank, Cal**	**VI9-1446**
	D Manning #49 *421 E 1135-1460		
Ala	Grady Duckett Sales Co	26 E. Andrews Dr, N.E., Atlanta 5, Ga	CE3-5308
Ala	Dick Bellew Sales Co	314 Melrose, El Dorado, Ark	UN3-8325
Ark	Dick Bellew Sales Co	314 Melrose, El Dorado	UN3-8325
Cal	James S Heaton Co	413 Lathrop, Redwood City	EM9-5278
Colo	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Conn	Coakley Sales Office	148 Needham St, Boston 61, Mass	DE2-4800
Del	Andrew A Foley Associates	15 S. Shirley Ave, Moorestown, NJ	NO3-4545
Fla	Dick Bellew Sales Co	314 Melrose, El Dorado, Ark	UN3-8325
Fla	Grady Duckett Sales Co	26 E. Andrews Dr, N.E., Atlanta 5, Ga	CE3-5308
Haw	Hastings Sales Corp	235 Cooke St. Honolulu 5	507-171
Idaho	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Ill	McDowell-Redlingshafer Sales Co	1103 E Armour, Kansas City 9, Mo	WE1-5622
Ill	John G Twist Co	5222 W Diversey Ave. Chicago 39	SP7-2250
Ind	Southern Sales Co	115 Lake Shore Dr, Angola, Ind	AN 777
Ind	Thomas & Sukup, Inc	2060 E 54th St. Indpls 20	CL1-4574
Iowa	McDowell-Redlingshafer Sales Co	1103 E Armour, Kansas City 9, Mo	WE1-5622
Ky	Thomas & Sukup, Inc	2060 E 54 St. Indpls 20, Ind	CL1-4574
La	Dick Bellew Sales Co	314 Melrose, El Dorado, Ark	UN3-8325
Me	Coakley Sales Office	148 Needham St, Boston 61, Mass	DE2-4800
Md	Andrew A Foley Associates	15 S. Shirley Ave, Moorestown, NJ	NO3-4545
Mass	Coakley Sales Office	148 Needham St, Boston 61, Mass	DE2-4800
Mich	Robert H Jackson	12834 Ludlow Ave, Huntington Woods, Mich	LI2-5161
Minn	Lloyd F Murphy Assoc, Inc	1940 Hennepin Ave. Mpls 5	FR4-2350
Miss	Grady Duckett Sales Office	26 E. Andrews Dr, N.E., Atlanta 5, Ga	CE3-5308
Miss	Dick Bellew Sales Co	314 Melrose, El Dorado, Ark	UN3-8325
Mo	McDowell-Redlingshafer Sales Co	1103 E Armour, Kansas City 9	WE1-5622
Mont	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Nev	James S Heaton Co	413 Lathrop, Redwood City, Cal	EM9-5278
NH	Coakley Sales Office	148 Needham St, Boston 61, Mass	DE2-4800
NJ	John W Richardt Co	Rt 46, Pinebrook, NJ	CA8-0600
NJ	Andrew A Foley Associates	15 S. Shirley Ave, Moorestown, NJ	NO3-4545
NM	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
NY	John W Richardt Co	Rt 46, Pinebrook, NJ	CA8-0600
NY	W E Baker Sales Co	152 Arnden Dr, Rochester 23	ED4-1090
NY	Ned Allen, Inc	PO Box 575, Binghamton	MI8-4261
NC	Grady Duckett Sales Co	26 E. Andrews Dr, N.E., Atlanta 5, Ga	CE3-5308
ND	Lloyd F Murphy Assoc, Inc	1940 Hennepin Ave. Mpls 5, Minn	FR4-2350
Ohio	Neal Baer Corp	3435 Streetsboro Rd, West Richfield, Ohio	OL9-3331
Okla	T J Ray Co	8514 E 31st Pl. Tulsa	WE6-7717
Ore	Samuel N Stroum Co, Inc	621 Michigan St. Seattle 8, Wash	CA3-8891
Pa	Andrew A Foley Associates	15 S. Shirley St, Moorestown, NJ	NO3-4545
Pa	Neal Baer Corp	3435 Streetsboro Rd, West Richfield, Ohio	OL9-3331
RI	Coakley Sales Office	148 Needham St, Boston 61, Mass	DE2-4800
SC	Grady Duckett Sales Office	26 E. Andrews Dr, N.E., Atlanta 5, Ga	CE3-5308
Tenn	Grady Duckett Sales Office	26 E. Andrews Dr, N.E., Atlanta 5, Ga	CE3-5308
Tex	Norvell Associates	3603 Lemmon Ave, Dallas 19, Tex	LA6-7961
Utah	Hyde Electronics Co	888 Lipan St, Denver 23, Colo	WE6-3456
Vt	Coakley Sales Office	148 Needham St. Boston 61, Mass	DE2-4800
Va	Ed Martin & Co	1306 Vassar Rd, Richmond 29, Va	
Wash	Samuel N Stroum Co, Inc	621 Michigan St. Seattle 8	PA3-7310
W. Va	Neal Baer Corp	3435 Streetsboro Rd, West Richfield, Ohio	OL9-3331
Wis	John G Twist Co	5222 W Diversey Ave. Chicago 39, Ill	SP7-2250
Wyo	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
For	Casa Erle	Apartado 434, Mexico 1, DF	13-43-85
For	Motwane Private, Ltd	127 Mahatma Gandhi Rd. Bombay 1, India	252337
Canada	Cannon Electric Canada Ltd	160 Bartley Dr, Toronto 16, Ont, Canada	PL7-2845
	ELIN DIV IERC	**135 W. Magnolia Blvd, Burbank, Cal**	**VI9-2481**
	D Lawrence #3 *35 C 365-610-895-1455		
Fla	Col-Ins Co., Inc	5728 Precision Dr, Orlando, Fla	
Ill	Saffro & Associates	5209 N. Kimball Ave, Chicago 25, Ill	
Mass	Richard D Frink Assoc	46 Amesbury St. Lawrence	MU3-3252
Minn	Pinkney & Hine	1925 Nicollet Ave, Minneapolis 3, Minn	FE8-0523
Mo	Kathrinus & Co	4356 Duncan Ave, St. Louis 10, Mo	OL2-7005
NY	Reed-Tollefson Corp	2815 Monroe Ave, Rochester 18, NY	HI5-0450
NY	B B Taylor Corp	2270 Grand Ave, Baldwin, NY	BA3-8000
Ohio	Elliott-Sarles	23473 Concord Dr, Westlake, Ohio	ED1-8111
Pa	S & S Associates Inc	780 W. DeKalb Pike, King Of Prussia, Pa	BR9-7192
Tex	Wallace Associates	2679 Freewood Dr, Dallas 20, Tex	FL7-7000
Wash	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	MA4-1650
Canada	Allan Crawford Associates	P.O. Box 214, Willowdale, Ontario, Can	BA5-7391
	ELLIS ASSOCIATES	**Box 77, Pelham, NY**	**PE8-3360**
	G Ellis #1 *4 A 895		
Ill	Pivan Engineering Co	3542 W Peterson Ave, Chicago 45, Ill	KE9-4838
Ind	Pivan Engineering Co	10302 N College Ave, Indpls 20, Ind	VI6-1532
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit 35, Mich	BR3-2300
Ohio	S Sterling Co	5827 Mayfield Rd, Cleveland 24, Ohio	HI2-8080
Ohio	S Sterling Co	3300 S Dixie Dr, Dayton 39, Ohio	AX8-7573
Wis	Pivan Engineering Co	3542 W Peterson Ave, Chicago 45, Ill	KE9-4838
Can	Budd Instruments Ltd	170 Donway W, Don Mills, Ont	HI7-5588
Canada	Tatnall Meas & Nuc Syst Ltd	46 Hollinger Rd, Toronto 16, Ont, Can	PL5-5122
	ELLISCO INC	**4002 N. American St. Phila 40, Pa**	**BA3-3405**
	L Sessamen *200 E 135-210-1120		
	ELLISON DRAFT GAGE CO., INC	**546 W. Monroe St, Chicago, Ill**	**RA6-2296**
	R Coco #2 *30 B 360-895		
Ariz	Delta Instr Co	3746 E Coolidge, Phoenix	CR9-2612
Cal	Jensen Instr Co	1919 Beverly Blvd. Los Angeles 57	DU8-2248
Cal	Jensen Instr Co	429 Bryant St. San Francisco 7	EX2-1472
Colo	Denver Fire Clay Co	PO Box 5510, Denver 17	TA5-3251
Conn	Dittman & Greer, Inc	S Main St. Extension, Middletown	DI6-9606
Fla	Leroy E Rogers Co	9 N Highland, Clearwater	36-8011
Ga	Spotswood-Parker & Co	313 Techwood Dr. NW, Atlanta 13	JA2-3556
Haw	Honolulu Iron Works Co	PO Box 3140, Honolulu 2	
Ill	Meters & Controls Inc	444 N LaSalle St. Chicago 10	WH4-1448
Ind	Law Instr Co	PO Box 95, Angola	217
Ind	Law Instr Co	PO Box 6662, Indpls	ST7-0009
Ind	Meters & Controls Inc	4733 Kennedy Ave. E Chicago	SO8-4722
Iowa	Meters & Controls, Inc	300 S 2nd St. Clinton	CH3-2033
Ky	George Pamson	PO Box 74, Fern Creek	CE9-7193
La	Eggelhof Eng. Inc	140 Olive St. Shreveport	UN1-2451
La	Eggelhof Eng. Inc	PO Box 13186, New Orleans 25	UN6-4548
Md	H P Rodgers	100 W 25th St. Baltimore 18	HO7-1761
Mass	G K Kerisher Co	108 E Dedham St. Boston 18	LI2-1050
Mich	A A Treadway, Inc	15770 Wyoming Ave. Detroit 38	DI1-8709
Minn	Fuel Economy Eng Co	510 New York Bldg. St Paul 1	CA4-5481
Mo	Western Eng & Supply Co	4000 Woodland Ave. Kansas City	WA4-8272
Mo	Carl F Gast Co	6110 Garesche Ave. St Louis	EV3-0750
Mont	L W Worthington	2116 3rd Ave. N, Billings	2-4154
Neb	H G Klug Co, Inc	2029 N 67th Ave. Omaha 4	GL1377
NJ	Charles C Phelps Co, Inc	700 New York Ave. Union City	BA7-1822
NY	H S Jacobs & Assoc	6 Chelmsford Rd. Rochester 18	
NY	S B Higgins Co, Inc	Broadway at 25th St. Watervliet	AL5-1277
NY	M S Jacobs & Assoc, Inc	1907 Elmwood Ave. Buffalo 7	DE3229
NC	Applied Eng Co	PO Box 2311, Greensboro	5-2206
ND	Lignite Combustion Eng Corp	215-223 Arst Rd. Bismarck	CA3-5721
Ohio	Ashmead-Danks Co	316 Marion Bldg. Cleveland 13	MA1-6192
Ohio	McLean-Peterson Co	6609 Stewart Rd. Cincinnati 36	TW1-1570
Okla	Eggelhof Eng, Inc	1524 Hunt Bldg. Tulsa 3	LU7-6848
Pa	Paul B Huyette Co, Inc	401 N Broad St. Phila 8	WA2-6070
Pa	M S Jacobs & Assoc, Inc	810 Nettleton Rd. Pittsburgh 5	WA1-6140
SC	Applied Eng Co	PO Box 506, Orangeburg	JE4-2424
Tenn	Gilbert H Avery, Jr	944 Raynor St. Memphis 14	FA3-7673
Tenn	Dickey Eng Co	3009 Central Ave. NW, Knoxville	524-8641
Tex	Delta Instr Co	1812 Montana St. El Paso	KE3-0113
Tex	Eggelhof Eng, Inc	4331 Belmont Ave. Dallas 4	TA4-2505
Tex	Eggelhof Eng, Inc	1912 Ruskin St. Houston 1	CA8-6471
Tex	Eggelhof Eng, Inc	19th & Ave K, Lubbock	PO2-4330
Tex	Eggelhof Eng, Inc	1404 W Hildebrand Ave. San Antonio	CA6-5506
Utah	North-Homer Co	PO Box 174, Salt Lake City 10	EM3-4627
Wash	R E LeRiche	422 Smith Tower, Seattle 4	MA5253
Wis	Eng Sales Co	2225 N Humboldt Ave. Milwaukee 12	LO2-3222
	ELLISON ENGINEERING CO	**4530 San Fernando Rd. Glendale 4, Cal**	**CH5-8684**
	V Johnston #2 *20 B 755-780		
	ELM INSTRUMENT CORP	**30 Chasner St. Hempstead, NY**	**IV5-1700**
	I Schneider #8 *212 E 310-755-1550		
Ala	Tec-Sel Inc	Times Bldg. Huntsville	JE4-7304
Alas	Jas J Backer Co	221 W. Galer, Seattle, Wash	AT3-6470
Ariz	Martin & Ozier	213 S. Hawthorne Blvd. Hawthorne, Cal	OR8-6106
Ark	Acsi Eng. Co	2520 Mockingbird Ln. Dallas, Tex	FL7-9806
Cal	Martin & Ozier	213 S. Hawthorne Blvd. Hawthorne	OR8-6106
Colo	Paul P Robbins & Assoc	1621 Orchard Dr. Denver	
Conn	Eugene Delfino	94 Reed St. Lexington, Mass	VO2-1596
Idah	Jas J Backer Co	221 W. Galer, Seattle, Wash	AT3-6470
Ill	W E Fry & Co. Inc	406 W. 34th St. KC, Mo	JE1-5236
Ind	Edwin A Schulz Co	721 Sherwood Dr. Indpls	CL5-1993
Iowa	W E Fry & Co. Inc	406 W. 34th St. KC, Mo	JE1-5236
Kan	W E Fry & Co. Inc	406 W. 34th St. KC, Mo	JE1-5236
Ky	Edwin A Schulz Co	721 Sherwood Dr. Indpls, Ind	CL5-1993
La	Acsi Eng. Co	2520 Mockingbird Ln. Dallas, Tex	FL7-9806
Me	Eugene Delfino	94 Reed St. Lexington, Mass	VO2-1596
Mass	Eugene Delfino	94 Reed St. Lexington	VO2-1596
Mo	W E Fry & Co. Inc	406 W. 34th St. KC	JE1-5236
Mont	Jas J Backer Co	221 W. Galer, Seattle, Wash	AT3-6470
Neb	W E Fry & Co. Inc	406 W. 34th St. KC, Mo	JE1-5236
Nev	Martin & Ozier	213 S. Hawthorne Blvd. Hawthorne, Cal	OR8-6106
NH	Eugene Delfino	94 Reed St. Lexington, Mass	VO2-1596

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NJ	D R Bittan Co. Inc	104 S. Central Ave. Valley Stream, NY	LO1-2444
NM	Paul P Robbins & Assoc	1621 Orchard Dr. Denver, Colo.	
NY	D R Bittan Co. Inc	104 S. Central Ave. Valley Stream	LO1-2444
Okla	Acsi Eng. Co	2520 Mockingbird Ln. Dallas, Tex	FL7-9806
Ore	Jas J Backer Co	221 W. Galer, Seattle, Wash	AT3-6470
RI	Eugene Delfino	94 Reed St. Lexington, Mass	VO2-1596
Tenn	Tec-Sel Inc	Times Bldg. Huntsville, Ala	JE4-7304
Tex	Acsi Eng. Co	2520 Mockingbird Ln. Dallas	FL7-9806
Utah	Paul P Robbins & Assoc	1621 Orchard Dr. Denver, Colo.	
Vt	Eugene Delfino	94 Reed St. Lexington, Mass	VO2-1596
Wash	Jas J Backer Co	221 W. Galer, Seattle	AT3-6470
Wyo	Paul P Robbins & Assoc	1621 Orchard Dr. Denver, Colo.	
	ELOMAG S. P. R. L	**2 Av Wellington Brussels Belg**	**74 36 25**
	Z Vitel #8 *20 D 365-815-895-915-1260-1340-1435		
	EL-RAD MFG CO	**4300 N. California Ave, Chicago 18, Ill**	**IR8-7300**
	J Clark #15 *300 E 45-320-450-670-1200-1830-1855		
Ariz	Martin & Ozier	213 S. Hawthorne, Hawthorne, Cal	OR8-6106
Cal	Martin & Ozier	213 S. Hawthorne, Hawthorne	OR8-6106
Ill	C J Saberson	1711 Howard St. Chicago 26	BR4-9668
Ind	W A Meily Co	4017 S. Harrison, Ft. Wayne	KE2461
Mich	W A Meily Co	4017 S. Harrison, Ft. Wayne, Ind	KE2461
Minn	Roy Rudy Assoc	7222 James Ave, S., Minneapolis	UN6-8812
NJ	Land-C-Air Sales Co	76 Main St. Tuckahoe, NY	WO1-4700
NM	Martin & Ozier	213 S. Hawthorne, Hawthorne, Cal	OR8-6106
NY	Land-C-Air Sales Co	76 Main St. Tuckahoe, NY	WO1-4700
Ohio	W A Meily Co	4017 S. Harrison, Ft. Wayne, Ind	KE2461
	EL-TRONICS INC	**20 S. 15th St, Phila 2, Pa**	**LO8-4450**
	338-340-360-430-455-810-895-1075-1290-1305-1460-1545-1750-1760		
Cal	El-Tronics Inc	13041 S. Cerise Ave. Hawthorne, Cal	OR8-5774
Del	El-Tronics Inc	734 15th St. N.W., Washington, DC	EX3-6277
	ELZEE METAL PRODS CO., INC	**779 39th St, Brooklyn 32, NY**	**GE5-5000**
	M Lyme #3 *65 E 135-180-230-900-1245-1390		
	EMELOID CO., INC	**1239 Central Ave. Hillside 5, NJ**	**EL2-1944**
	#3 *15 E 120-135-525-675-715-750-765-770-895-965-1190-1285-1290-1295-1785		
Ga	Harald J Torgesen	255 Rogers St, Clarkston, Ga	
Mich	Vincent T Purcell	317 Stephenson Bldg, Detroit, Mich	
NY	George Gilbert	134 Linwood Ave, Buffalo 22, NY	
	EMERSON & CUMING INC	**869 Washington St, Canton, Mass**	**CA6-1066**
	J Copley #12 *225 30-240-250-265-315-510-715-900-975-1125-1135-1220-1240-1285-1290-1505-1565-1575-1610-1635-1930		
Ala	Dbm Research Corporation	Standard Bldg, Cocoa Beach, Fla	SU3-2438
Alaska	Ray Johnston Company	1011 E. 68th St, Seattle 15, Wash	LA4-5170
Ariz	Gene French Co	7900 Zuni Rd. SE, Albuquerque, NM	AM8-2478
Ark	Lawrence Sales Co	P.O.Box 13026, Dallas 20, Tex	FL2-7484
Cal	Emerson & Cuming, Inc	604 W 182nd St. Gardena	FA1-6650
Colo	Gene French Co	PO 15175, Denver 15	MA3-1458
Del	Andco Sales-Engineering Inc	5623 Greene St, Philadelphia 44, Pa	VI4-9100
DC	Andco Sales-Engineering Inc	5623 Greene St, Philadelphia 44, Pa	VI4-9100
Fla	Dbm Research Corp	Standard Bldg, Cocoa Beach, Fla	SU3-2438
Ga	Dbm Research Corp	Standard Bldg, Cocoa Beach, Fla	SU3-2438
Idaho	Ray Johnston Co	1011 E. 68th St, Seattle 15, Wash	LA4-5170
Ill	Cozzens & Cudahy, Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Ill	Engineering Services Co	6635 Delmar Blvd, St. Louis 5, Mo	VO3-3661
Ind	Cozzens & Cudahy, Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Iowa	Engineering Services Co	1505 Cleveland Gardens, Cedar Rapids, Iowa	EM5-6183
Kan	Engineering Services Co	6535 E. Indianapolis, Wichita 18, Kan	MU3-3751
Ky	Midwest Sales Co	3219 W. 117th St, Cleveland 11, Ohio	WI1-2700
Md	Andco Sales-Engineering, Inc	5623 Greene St. Philadelphia 44, Pa	VI4-9100
Mich	Electro-Marine Assoc	4275 W Maple Rd. Birmingham	JO4-6517
Minn	Hamilton & Boyle Assoc, Inc	3359 Republic Ave. Mpls 26	WE9-7891
Mo	Engineering Services Co	6635 Delmar Blvd, St. Louis 5, Mo	VO3-3661
Mont	Ray Johnston Co	1011 E. 68th St, Seattle 15, Wash	LA4-5170
Neb	Engineering Services Co	6635 Delmar Blvd, St. Louis 5, Mo	VO3-3661
NJ	Robert E Hall	R D Mysterville Rd, Chatham, NJ	ME5-5352
NJ	Andco Sales-Engineering, Inc	5623 Greene St, Philadelphia 44, Pa	VI4-9100
NM	Gene French Co	7900 Zuni Rd. SE, Albuquerque	AM8-2478
NY	Markle & Mitchell	100 Wellwood Dr, Fayetteville, NY	WE7-9205
NY	Ray L Johnson	52 Elm St, Huntington, NY	HA1-3430
NC	James L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
Ohio	Midwest Sales Co	3219 W. 117th St, Cleveland 11, Ohio	WI1-2700
Okla	Lawrence Sales Co	P.O.Box 13026, Dallas 20, Tex	FL2-7484
Ore	Ray Johnston Co	1011 E. 68th St, Seattle 15, Wash	LA4-5170
Pa	Andco Sales - Engineering Inc	5623 Greene St, Philadelphia 44, Pa	VI4-9100
Pa	Midwest Sales Co	3219 W. 117th St, Cleveland 11, Ohio	WI1-2700
SC	James L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
Tenn	James L Highsmith & Co	3733 Monroe Rd. Charlotte 5, NC	FR7-2546
Tex	Lawrence Sales Co	P.O.Box 13026, Dallas 20, Tex	FL2-7484
Utah	Gene French Co	138 S 2nd E, Salt Lake City	EM4-3057
Va	Andco Sales - Engineering Inc	5623 Greene St, Philadelphia 44, Pa	VI4-9100
Va	James L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
Wash	Ray L Johnston Co	1011 E. 68th St, Seattle 15, Wash	LA4-5170
W Va	Midwest Sales Co	3219 W. 117th St, Cleveland 11, Ohio	WI1-2700
Wisc	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Wyo	Gene French Co	138 S East, Salt Lake City, Utah	EM4-3057
Can	M J Howard & Co Ltd	1168 Edgeland Pl. Ottawa 3, Ont. Can	PA8-2991
For	Sales Representatives in principal countries		
	EMERSON ELECTRIC MFG CO, ELECTRONICS & AVIONICS DIV	**8100 Florissant Ave, St Louis 36, Mo**	**CO1-1800**
	C Pinac #800 *3000 G 35-45-338-775-895-1165-1300-1395-1610-1655		
	EMERSON PLASTICS CORP	**1383 Seabury Ave, Bronx 61, NY**	**SY2-4400**
	W Elsfelder #40 *40 C 120-175-715-750-865-895-900-975-1135-1290-1545-1565-1785-1890-1940		
	EMERTRON, INC	**1140 E West Hwy. Silver Spring, Md**	**JU8-7273**
	G Rappaport #711 *1056 G 35-325-338-670-795-895-1135-1395-1675		
Cal	Emertron Inc	10056 Balboa Blvd. Northridge	DI9-1133
NJ	Emertron Inc	30 Linden Pl. Red Bank	SH7-4331
NJ	Emertron Inc	14th & Olde Sts. Jersey City	SW5-3500
Ohio	Emertron Inc	Box 2207, Kettering Br. Dayton 29	AX8-3957

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	EMMCO PLASTICS CORP	**68 Vine St. Everett 49, Mass**	**DU9-1660**
	J Olley #4 *48 C 175-220-315-620-625-750-770-790-900-920-975-1075-1190-1245-1290-1295-1530-1780-1785-1825-1890-1940		
•	**EMPIRE DEVICES INC**	**37 Prospect St. Amsterdam, NY**	**VI2-8400**
	L Tierney #38 *240 E 45-50-670-895-1065-1135-1425-1895		
Ala	E G Holmes & Associates	4993 Roswell Rd, N.E., Atlanta 5, Ga	BL5-6650
Ariz	Williams & Associates Inc	3221 Silver, N.E., Albuquerque, NM	AL5-9632
Ark	Mitchell Speairs Co	4144 James Ave. Fort Worth, Tex	WA3-4657
Cal	White & Co	785 Mayview Ave, Palo Alto, Cal	DA1-3350
Cal	Carl A Stone Associates Inc	2971 National Blvd, Los Angeles 34	UP0-7771
Colo	Williams & Associates Inc	2261 S. Albion St, Denver 22, Colo	SK6-9403
Conn	Burlingame Associates Ltd	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
Conn	Burlingame Associates Ltd	574 Main St, Waltham, Mass	TW4-1955
Del	Burlingame Associates Ltd	4213 Wisconsin Ave, Wash 14, DC	OL4-6400
DC	Burlingame Associates Ltd	4213 Wisconsin Ave, Wash 14, DC	OL4-6400
Fla	E G Holmes & Associates	1120 Edgewater Dr, Orlando, Fla	CH1-2128
Ga	E G Holmes & Associates	4993 Roswell Rd, N.E., Atlanta 5, Ga	BL5-6660
Idaho	Williams & Associates Inc	330 E. 4th, S., Salt Lake City, Utah	EM4-6844
Ill	R Edward Stemm Inc	5681 W. Lake St, Chicago, Ill	ES9-2700
Ind	R Edward Stemm Inc	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Iowa	R Edward Stemm Inc	5681 W. Lake St, Chicago, Ill	ES9-2700
Iowa	Edwin H Murty	3505 Ridgedale Ave. St. Louis 20, Mo	EV1-3050
Kan	Edwin H Murty	3505 Ridgedale Ave, St. Louis 20, Mo	EV1-3050
Kan	Williams & Associates Inc	2261 S. Albion St, Denver 22, Colo	SK6-9403
La	Mitchell Speairs Co	4144 James Ave, Fort Worth 15, Tex	WA6-4444
Me	Burlingame Associates Ltd	574 Main St, Waltham, Mass	TW4-1955
Md	Burlingame Associates Ltd	4213 Wisconsin Ave, Wash 14, DC	OL4-6400
Mass	Burlingame Associates Ltd	574 Main St, Waltham, Mass	TW4-1955
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit 35, Mich	BR3-2300
Minn	R Edward Stemm Inc	123 S. Third St, Minneapolis 1, Minn	FE5-7172
Mo	Edwin H Murty	3505 Ridgedale Ave, St. Louis 20, Mo	EV1-3050
Neb	Williams & Associates Inc	2261 S. Albion St, Denver 22, Colo	SK6-9403
Nev	Carl A Stone Associates Inc	2971 National Blvd, Los Angeles 34, Cal	UP0-7771
Nev	White & Co	785 Mayview Ave, Palo Alto, Cal	DA1-3350
NH	Burlingame Associates Ltd	574 Main St, Waltham, Mass	TW4-1955
NJ	Burlingame Associates Ltd	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
NM	Williams & Associates Inc	3221 Silver, N.E., Albuquerque, NM	AL5-9632
NY	Burlingame Associates Ltd	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
NC	E G Holmes & Assoc	440 W. Market St, Greensboro	BR2-0855
Ohio	S Sterling Co	3300 S Dixie Dr. Dayton 39	AX8-7573
Ohio	S Sterling Co	5827 Mayfield Rd, Cleveland, Ohio	HI2-8080
Okla	Mitchell Speairs Co	4144 James Ave, Fort Worth 15, Tex	WA6-4444
Ore	G M Gillett & Assoc	4621 7th Ave. S. Seattle 8, Wash	MA3-5755
Pa	Burlingame Assoc. Ltd.	222 Long La. Upper Darby	SH7-8060
Pa	S Sterling Co	4232 Brownsville Rd. Pittsbgh 27	TU4-5515
RI	Burlingame Associates Ltd	574 Main St, Waltham, Mass	TW4-1955
SC	E G Holmes & Associates	4993 Roswell Rd, N.E., Atlanta 5, Ga	BL5-6650
Tenn	E G Holmes & Associates	4993 Roswell Rd, N.E., Atlanta 5, Ga	BL5-6650
Tex	Mitchell Speairs Co	4144 James Ave, Fort Worth 15, Tex	WA6-4444
Utah	Williams & Associates Inc	330 E. 4th, S., Salt Lake City, Utah	EM4-6844
Vt	Burlingame Associates Ltd	574 Main St, Waltham, Mass	TW4-1955
Va	E G Holmes & Associates	4993 Roswell Rd, N.E., Atlanta 5, Ga	BL5-6660
Va	Burlingame Assoc. Ltd.	4213 Wisconsin Ave. Washington, DC	OL4-6400
Wash	G M Gillett & Assoc	4621 7th Ave. S. Seattle 8	MA3-5755
W Va	S Sterling Co	4232 Brownsville Rd. Pittsbgh 27, Pa	TU4-5515
Wisc	R Edward Stemm	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Wyo	Williams & Associates Inc	2261 S. Albion St, Denver, Colo	SK6-9403
Canada	Instronics Ltd	11 Spruce St, Stittsville, Ontario, Canada	TA8-1253
Foreign	Linder International Corp	10 E. 40 St, New York 16, NY	MU5-6740
	EMPIRE ELECTRONICS CO., INC	**60 Spruce St, Paterson 1, NJ**	**AR4-8282**
	#3 *50 C 185-375-795-920-1005-1960		
•	**EMPIRE SERVICES**	**40-3, Skaneateles, NY**	**NE6-7782**
	#3 *6 A 338-360-475-735-895-1150-1215-1810		
•	**ENDEVCO CORP**	**161 E. Cal. Blvd. Pasadena, Cal**	**SY5-0271**
	W Hancock *200 15-195-895-1850		
Ala	C Fontana	Box 7505, Baltimore 7, Md	VA5-1335
Cal	D Pennington	201 Town & Country Vlge. Palo Alto	DA6-3192
Conn	C B Salan	195 Nassau St. Princeton, NJ	WA4-3297
Del	C B Salan	195 Nassau St. Princeton, NJ	WA4-3297
DC	C Fontana	Box 7505, Baltimore, Md	VA5-1335
Fla	C Fontana	Box 7505, Baltimore 7, Md	VA5-1335
Ga	C Fontana	Box 7505, Baltimore 7, Md	VA5-1335
Ill	B Karlson	306 Busse Hwy, Park Ridge	TA5-4600
Iowa	B Karlson	306 Busse Hwy. Park Ridge, Ill	TA5-4600
Kan	B Karlson	306 Busse Hwy. Park Ridge, Ill	TA5-4600
Ky	P Saint-Amour	Mills Bldg. Gates Mills, Ohio	HA3-4598
Me	L Leopold	440 Lexington St. Auburndale 66, Mass.	LA3-1231
Md	C Fontana	Box 7505, Baltimore 7	VA5-1335
Mass	L Leopold	440 Lexington St. Auburndale 66	LA3-1231
Minn	B Karlson	306 Busse Hwy. Park Ridge, Ill	TA5-4600
Miss	C Fontana	Box 7505, Baltimore 7, Md	VA5-1335
Mo	B Karlson	306 Busse Hwy. Park Ridge, Ill	TA5-4600
Mont	B Minteer	161 E. Cal. Blvd. Pasa, Cal	SY5-0271
Neb	B Karlson	306 Busse Hwy. Park Ridge, Ill	TA5-4600
Nev	D Pennington	201 Town & Country Vlge. Palo Alto, Cal	DA6-3192
NH	L Leopold	440 Lexington St. Auburndale 66, Mass	LA3-1231
NJ	C Salan	195 Nassau St. Princeton	WA4-3297
NY	C Salan	195 Nassau St. Princeton, NJ	WA4-3297
NC	C Fontana	Box 7505, Baltimore 7, Md	VA5-1335
Ohio	P Saint-Amour	Mills Bldg. Gates, Mills, Ohio	HA3-4598
Ore	D Pennington	201 Town & Country Vlge. Palo Alto, Cal	DA6-3192
Pa	C Salan	195 Nassau St. Princeton, NJ	WA4-3297
RI	L Leopold	440 Lexington St. Auburndale 66, Mass	LA3-1231
SC	C Fontana	Box 7505, Baltimore 7, Md	VA5-1335
Tenn	P Saint-Amour	Mills Bldg. Gates Mills, Ohio	HA3-4598
Vt	L Leopold	440 Lexington St. Auburndale 66, Mass	LA3-1231
Va	C Fontana	Box 7505, Baltimore 7, Md	VA5-1335
Wash	D Pennington	201 Town & Country Vlge. Palo Alto, Cal	DA6-3192
W Va	P Saint-Amour	Mills Bldg. Gates Mills, Ohio	HA3-4598
Wis	B Karlson	306 Busse Hwy. Park Ridge, Ill	TA5-4600
Can	Mel Sales Ltd	1969 Ave. Rd. Toronto 12, Ont	HU1-0231
For	Endevco Ltd	4 Chequers St. St. Albans, Herts, Eng	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
•	**ENDICOTT COIL CO, INC**	**24 Charlotte St. Binghamton, NY**	**SW7-1263**
	S Mason #3 *120 E 320		
Cal	Len Bar Co	3058 Faculty Ave. Lakewood	ME4-5240
Mass	Tom Crawford & Son	PO Box 294, Norwood	NO7-6878
NY	H C Johnson Agencies, Inc	111 Mt Hope Ave. Rochester	HA6-1090
NY	Norman Potter Assoc	694 W Seaman Ave. Baldwin	BA3-1991
Tex	K O Brown & Co	8400 Westminster, Dallas 25	EM1-2351
	ENERGY KONTROLS INC	**5 S. First St, Geneva, Ill**	**CE2-0576**
	235-360-1735-1880		
Ala	W G Broughton	303 Hampton Dr, Birmingham, Ala	TR1-8669
Ala	Paul Hayden	Box 331, E. Point, Ga	PO6-0261
Ariz	Frank Baxter	3755 Vineland Ave, Studio City, Cal	TR7-6776
Ark	H Guckas	155 Continental, Dallas, Tex	RI7-9106
Ark	Tom Sorvey Co., Inc	7547 Wilmerdean, Houston, Tex	MI9-1221
Cal	Frank Baxter	3755 Vineland Ave, Studio City, Cal	TR7-6776
Colo	Koether-Cox Co	1325 S. Inca St, Denver 23, Colo	PE3-5561
Conn	Lawrence B Cole & Co	21 Radcliffe Rd, Weston, Mass	CE5-3197
Del	Dave Linz	238 Shelmire, Philadelphia, Pa	
DC	Dave Linz	238 Shelmire, Philadelphia, Pa	
Fla	W G Broughton	303 Hampton Dr, Birmingham, Ala	TR1-8669
Fla	Paul Hayden	Box 331, E. Point, Ga	PO6-0261
Ga	Paul Hayden	Box 331, E. Point, Ga	PO6-0261
Idaho	Koether-Cox Co	1325 S. Inca St, Denver 23, Colo	PE3-5561
Ill	George Farelli	1157 W. Grand Ave, Chicago, Ill	TA9-3789
Ill	Ted Taliaferro	10 1/2 E. First St, Evansville, Ind	HA5-3479
Ill	Carmen A Vignola Associates	Box 569, Jefferson City, Mo	JE5-1023
Ill	Mike Berman	8631 E. Prairie Rd, Skokie, Ill	OR5-3740
Ind	George Farelli	1157 W. Grand Ave, Chicago, Ill	TA9-3789
Ind	Charles Hoemig Sales	Butler Ct, Ft. Wayne, Ind	AN2-083
Ind	Ted Taliaferro	10 1/2 E. First St, Evansville, Ind	HA5-3479
Iowa	Doug Gale	407 Kan City Mdse Mart, Kansas City, Mo	BA1-8918
Iowa	Carmen A Vignola Associates	Box 569, Jefferson City, Mo	JE5-1023
Kan	Doug Gale	407 Kan City Mdse Mart, Kansas City, Mo	BA1-8918
Ky	Ted Taliaferro	10 1/2 E. First St, Evansville, Ind	HA5-3479
La	H Guckas	155 Continental, Dallas, Tex	RI7-9106
La	Tom Sorvey Co., Inc	7547 Wilmerdean, Houston, Tex	MI9-1221
Me	Lawrence B Cole & Co	21 Radcliffe Rd, Weston, Mass	CE5-3197
Md	Dave Linz	238 Shelmire, Philadelphia, Pa	
Mass	Lawrence B Cole & Co	21 Radcliffe Rd, Weston, Mass	CE5-3197
Mich	Fred W Riley	1241 Barron Lake Rd, Niles, Mich	MU3-8342
Minn	Sig Larsen	4908 1st Ave, S., Minneapolis, Minn	TA7-2179
Minn	Clark R Gibb & Co	2400 Hennepin Ave, Minneapolis 5, Minn	
Miss	Henry Guckas	155 Continental, Dallas, Tex	RI7-9106
Miss	Paul Hayden	Box 331, E. Point, Ga	PO6-0261
Mo	Doug Gale	407 Kan City Mdse Mart, Kansas City, Mo	BA1-8918
Mo	Carmen A Vignola Associates	Box 569, Jefferson City, Mo	JE5-1023
Mont	Ted Taliaferro	10 1/2 E. First St, Evansville, Ind	HA5-3479
Mont	Koether-Cox Co	1325 S. Inca St, Denver 23, Colo	PE3-5561
Mo	Ted Taliaferro	10 1/2 E. First St, Evansville, Ind	HA5-3479
Neb	Doug Gale	407 Kan City Mdse Mart, Kansas City, Mo	BA1-8918
Neb	Carmen A Vignola Associates	Box 569, Jefferson City, Mo	JE5-1023
Nev	Frank Baxter	3755 Vineland Ave, Studio City, Cal	TR7-6776
NH	Lawrence B Cole & Co	21 Radcliffe Rd, Weston, Mass	CE5-3197
NJ	Joseph Coury	162-92nd St, Brooklyn, NY	TE6-7387
NJ	Dave Linz	238 Shelmire, Philadelphia, Pa	
NJ	Vertex Sales Co	2352 E. 66th St, Brooklyn, NY	HI4-3080
NM	Koether-Cox Co	1325 S. Inca St, Denver 23, Colo	PE3-5561
NY	Thomas Fox	Seneca Trnpk, Marcellus, NY	OR9-5081
NY	Joe Murray	529 Merchants Rd, Rochester, NY	HU2-4133
NY	Joseph Coury	162-92nd St, Brooklyn, NY	TE6-7387
NY	Vertex Sales Co	2352 E. 66th St. Brooklyn, NY	HI4-3080
NC	Paul Hayden	Box 331, E. Point, Ga	PO6-0261
ND	Sig Larsen	4908 First Ave, S., Minneapolis, Minn	TA7-2179
Ohio	Hank Cole	10955 Shaker Blvd, Cleveland, Ohio	SW1-1110
Ohio	Jim Podolny	5912 Penn Ave, Pittsburgh, Pa	HI1-0800
Okla	Henry Guckas	155 Continental, Dallas, Tex	RI7-9106
Okla	Tom Sorvey Co., Inc	7547 Wilmerdean, Houston, Tex	MI9-1221
Ore	Frank Baxter	3755 Vineland Ave, Studio City, Cal	TR7-6776
Pa	Hank Cole	10955 Shaker Blvd, Cleveland, Ohio	SW1-1110
Pa	Jim Podolny	5912 Penn Ave, Pittsburgh, Pa	HI1-0800
Pa	Dave Linz	238 Shelmire, Philadelphia, Pa	
RI	Lawrence B Cole & Co	21 Radcliffe Rd, Weston, Mass	CE5-3197
SC	Paul Hayden	Box 331, E. Point, Ga	PO6-0261
SD	Sig Larsen	4908 First Ave, S., Minneapolis, Minn	TA7-2179
Tenn	Paul Hayden	Box 331, E. Point, Ga	PO6-0261
Tex	H Guckas	155 Continental, Dallas, Tex	RI7-9106
Tex	Tom Sorvey Co., Inc	7547 Wilmerdean, Houston, Tex	MI9-1221
Utah	Koether-Cox Co	1325 S. Inca St, Denver 23, Colo	PE3-5561
Vt	Lawrence B Cole & Co	21 Radcliffe Rd, Weston, Mass	CE5-3197
Va	Paul Hayden	P O Box 331, East Point, Ga	PO6-0261
Wash	Frank Baxter	3755 Vineland Ave, Studio City, Cal	TR7-6776
W. Va	Hank Cole	10955 Shaker Blvd, Cleveland, Ohio	SW1-1110
W. Va	Jim Podolny	5912 Penn Ave, Pittsburgh, Pa	HI1-0800
Wisc	Barber Sales	4826 Fond du Lac Ave, Milwaukee, Wisc	UP1-4900
Wisc	Mike Berman	8631 E. Prairie Rd, Skokie, Ill	OR5-3740
Wyo	Koether-Cox Co	1325 S. Inca St, Denver 23, Colo	PE3-5561
	ENFLO CORP	**Fellowship Rd. & Rt. 73 Maple Shade, NJ**	**NO3-1700**
	S Schwartz #4 *40 C 120-175-220-345-615-750-770-925-975-1290-1780		
Ala	H R Haney Co	Box 5324, Charlotte 5, NC	FR5-6546
Alas	Marsh Agencies	2601 1st Ave. Seattle, Wash	MA2-8762
Ark	Hooper Sales Co	1934 Abram E. Arlington, Tex	CR5-8511
Colo	Factory & Mfg. Sales Co	1960 S. Broadway, Denver	RA2-2927
Conn	Lin Assoc	76 Strathmore Rd. Brighton 46, Mass	BE2-9610
Del	Rothenhaber & Co	53 Cricket Ave, Ardmore, Pa	TR7-9090
DC	Rothenhaber & Co	53 Cricket Ave, Ardmore, Pa	TR7-9090
Fla	H R Haney Co	Box 1123, Winter Park	MI7-3498
Ga	H R Haney Co	Box 1123, Winter Park, Fla	MI7-3498
Ill	W L Wilson Co	5912 W. Higgins St. Chicago 30	AV2-5535
Ind	W L Wilson Co	5912 W. Higgins St. Chicago 30, Ill	AV2-5535
La	Hooper Sales Co	1934 Abram E. Arlington, Tex	CR5-8511
Me	Lin Assoc	76 Strathmore, Brighton 46, Mass	BE2-9610
Md	Rothenhaber & Co	53 Cricket Ave, Ardmore, Pa	TR7-9090
Md	Rothenhaber & Co	14211 Chesterfield Rd. Rockville	WH6-4488
Mass	Lin Assoc	76 Strathmore Rd. Brighton 46	BE2-9610
Mich	L F Dahl & Assoc	28721 Jefferson Ave. St. Clair Shores	PR1-7446
Miss	H R Haney Co	Box 9524, Charlotte 3, NC	FR5-5959

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Mo	Hooper Sales Co	1934 Abram E. Arlington, Tex	CR5-8511
NH	J McCulloch	58 Parker Rd. Wellesley 81, Mass	CE5-2554
NJ	J N Barrett	810 Federal St, Camden, NJ	EM5-3580
NY	J McCulloch	58 Parker Rd. Wellesley 81, Mass	CE5-2554
NC	H Haney Co	Box 9524, Charlotte 5	FR5-6546
Okla	Hooper Sales Co	1934 Abram E. Arlington, Tex	CR5-8511
Ore	Marsh Agencies	2601 1st Ave. Seattle, Wash	MA2-8762
Pa	Rothenhaber & Co	53 Cricket Ave, Ardmore, Pa	TR7-9090
Pa	Rothenhaber & Co	53 Cricket Ave. Ardmore	TR7-9090
RI	J H McCulloch	58 Parker Rd. Wellesley 81, Mass	CE5-2554
SC	H R Haney Co	Box 9524, Charlotte 5, NC	FR5-6546
Tex	Hooper Sales Co	1934 Abram E. Arlington	CR5-8511
Utah	Factory & Mfg. Sales Co	1960 S. Broadway, Denver, Colo	RA2-2927
Vt	J H McCulloch	58 Parker Rd. Wellesley 81, Mass	CE5-2554
Va	Rothenhaber & Co	53 Cricket Ave, Ardmore, Pa	TR7-9090
Va	Rothenhaber & Co	53 Cricket Ave, Ardmore, Pa	TR7-9090
Wash	Marsh Agencies	2601 1st Ave, Seattle 1, Wash	
Wis	W L Wilson Co	5912 W. Higgins St. Chicago 30, Ill	AV2-5535
Wyo	Factory & Mfg. Sales	1960 S. Broadway, Denver, Colo	RA2-2927
Canada	H P Ruggles Co Ltd	88 Caroline St, N. Hamilton, Ontario, Canada	
	ENGELHARD INDUSTRIES INC.	**113 Astor St, Newark 2, NJ**	**BI2-2700**
	100-160-233-265-315-575-670-700-735-895-900-905-1125-1135-1385-1635-1795-1805-1885-1890-1915-1960		
Cal	Engelhard Industries Inc	760 Market St, San Francisco, Cal	GA1-1447
Cal	Engelhard Industries Inc	1111 Wilshire Blvd, Los Angeles, Cal	HU2-1800
Fla	Engelhard Industries Inc	102 S. Orange Ave, Orlando, Fla	GA2-3582
Ill	Engelhard Industries Inc	55 E. Washington St, Chicago, Ill	FI6-6288
NY	Engelhard Industries Inc	477 Madison Ave, New York, NY	PL1-4242
RI	Engelhard Industries Inc	174 Georgia Ave. Providence	ST1-6400
Tex	Engelhard Industries Inc	1807 Commerce St, Dallas, Tex	RI7-0286
	ENGINEER-DESIGN & DEVELOPMENT CO.	**60 Pennington St. Newark 2, NJ**	**MI2-7693**
	#3 *9 A 325-340-475-635-875-895-1340		
•	**ENGINEERED ELECTRONICS CO**	**1441 E. Chestnut Ave, Santa Ana, Cal**	**KI7-5651**
	E Lapensee #20 *150 E 150-720-895-1150-1340		
Ala	Col-Ins Co Inc	15-16 Hutchens Bldg. Huntsville	JE9-1771
Ariz	Western Eng Co	1644 W Hatcher Rd. Phoenix	WI4-0431
Cal	Engineered Electronics Co	1441 E Chestnut Ave. Santa Ana	KI7-5651
Cal	Engineered Electronics Co	10600C S Saratoga, Cupertino	AL2-7467
Colo	Western Eng Co	1515 Cleveland Ave. Denver	AM6-2714
Conn	White Sales Co	PO Box 132, Berlin	BA4-0423
Del	F R Jodon Inc	2408 Burridge Rd. Baltimore, Md	NO8-1933
DC	F R Jodon Inc	4922 St Elmo Ave, Bethesda, Md	CL2-5110
Fla	Col-Ins Co Inc	5728 Precision Dr. Orlando	CH1-1501
Ga	Col-Ins Co Inc	2354 Ewing Dr. Atlanta	CE7-1494
Idah	Western Eng Co	1515 Cleveland Pl. Denver, Colo	AM6-2714
Ill	R Edward Stemm	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Ind	R Edward Stemm	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Iowa	R Edward Stemm Inc	1205 3rd St. Mpls, Minn	FE5-7172
Kan	Ind Assoc Electronics Inc	2311 Farrington, Dallas, Tex	RI8-0777
Ky	R Edward Stemm Inc	5681 W Lake St. Chicago, Ill	ES9-2700
Me	White Sales Co	945 Great Plain Ave, Needham, Mass	HI4-3276
Md	F R Jodon Inc	4922 St Elmo Ave. Bethesda	
Mass	White Sales Co	945 Great Plain Ave. Needham	HI4-3276
Mich	M P Odell Co	20531 W. McNichols Rd, Detroit 21, Mich	UN2-1573
Minn	R Edward Stemm	123 S. 3rd St, Minneapolis, Minn	FE5-7172
Miss	Col-Ins Co	5728 Precision Dr. Orlando, Fla	CH1-1501
Mo	R Edward Stemm	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Nev	Engineered Electronics Co	10600C S Saratoga, Cupertino, Cal	AL2-7467
NH	White Sales Co	945 Great Plain Ave. Needham, Mass	HI4-3276
NJ	Kenneth E Hughes Co	4808 Bergenline Ave, Union City, NJ	UN7-3204
NJ	Kenneth E Hughes Co	101 N. 33rd St, Philadelphia 4, Pa	EV6-3130
NM	Western Eng Co	1544 W Hatcher Rd. Phoenix, Ariz	WI4-0431
NY	R P Kennedy Co. Inc	PO Box 54, Fayetteville	NE7-3531
NY	Kenneth E Hughes Co	4808 Bergenline Ave. Union City, NJ	UN7-3204
NC	Col-Ins Co., Inc	2345 Ewing Dr, Atlanta, Ga	CE7-1494
Ohio	M P Odell Co	2676 Salem Ave. Dayton	CR7-4441
Ohio	M P Odell Co	26614 Center Ridge Rd, Westlake, Ohio	TR1-8000
Okla	Ind Assoc Electronics Inc	2311 Farrington, Dallas, Tex	RI8-0777
Pa	Kenneth E Hughes Co	101 N. 33rd St, Philadelphia 4, Pa	EV6-3130
Pa	M P Odell Co	750 Penn Ave. Pittsburgh	FR1-1231
RI	White Sales Co	945 Great Plain Ave, Needham, Mass	HI4-3276
SC	Col-Ins Co Inc	5728 Precision Dr. Orlando, Fla	CH1-1501
Tenn	Col-Ins Co Inc	5728 Precision Dr. Orlando, Fla	CH1-1501
Tex	Ind Assoc Electronics Inc	2311 Farrington, Dallas	RI8-0777
Utah	Western Eng Co	1515 Cleveland Pl. Denver, Colo	AM6-2714
Vt	White Sales Co	945 Great Plain Ave. Needham, Mass	HI4-3276
Va	F R Jodon Inc	4922 St. Elmo Ave. Bethesda, Md	OL2-5110
Wisc	R Edward Stemm	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Can	Electronic Assoc Ltd	4615 Yonge St. Willowdale, Ont	
Foreign	Ad Auriema Inc	85 Broad St, New York 4, NY	BO3-7750
	ENGINEERED MAGNETICS DIV. GULTON IND. INC	**13041 Cerise Ave. Hawthorne, Cal**	**SP2-2261**
	H Linden #17 *170 E 233-275-330-338-360-365-895-915-1135-1165-1340-1455		
Ala	Kenneth Gans	2308 Lee High Dr, Huntsville, Ala	JE6-0613
Ariz	W P Risk, Jr	2022 LaRosa Dr. Tempe	WO7-5689
Colo	F Reeder	Box 8345, Albuquerque, NM	AX9-7601
Conn	E Sloan	452 Highland Rd, Malden 48, Mass	DA2-1153
Del	D & H Distrib Co	2525 N 7th St, Harrisburg, Pa	CE6-8001
DC	A Roberts	2030 N. 16th St. Arlington, Va	JA4-6868
DC	Wilco Associates	733 15th St, N.W., Washington 5, DC	EX3-0451
Fla	K Gans	2308 Lee High Dr. Huntsville, Ala	JE6-0613
Idah	A Brodeck	50 Hawthorne Ave. SF, Cal	YU2-7292
Ill	J Cappels	105 Highland Ct. Roselle	TW4-7910
Kan	B Bradley	8204 Grapevine Hwy. Ft. Worth 18, Tex	AT4-6779
Me	E Sloan	452 Highland Rd. Malden, Mass	DA2-1153
Md	Wilco Assoc. Inc	733 15th St. NW. Wash 5, DC	EX3-0451
Mass	E Sloan	452 Highland Rd. Malden	DA2-1153
Mich	J L Peirce	16666 James Couzens, Detroit 21, Mich	UN2-2571
Minn	E A Dickinson & Assoc	4117 N. Green Bay, Milwaukee 9	CO4-1080
Mo	B Bradley	8304 Grapevine Hwy. Ft. Worth 18, Tex	AT4-6779
Nev	W P Risk, Jr	2022 LaRosa Dr. Tempe, Ariz	WO7-5689
NH	E Sloan	452 Highland Rd. Malden 48, Mass	DA2-1153
NJ	E Berman	110 St. Lawrence Pl, Jericho, NY	OV1-4171

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NM	C G Electronics	1500 Central, E, Albuquerque	AX9-7601
NY	E Berman	110 St. Lawrence Pl. Jericho	OV1-8171
NC	K Gans	2308 Lee High Dr. Huntsville, Ala	JE6-0613
Ohio	Kilroy-Whelan Corp	10 N. Main St. Chagrin Falls	CH7-4132
Okla	B Bradley	8304 Grapevine Hwy. Ft. Worth 18, Tex	AT4-6779
Ore	A Birnbach	51 Hawthorne Ave. SF 5, Cal	YU2-7282
Pa	W Montaire	3500 Levick St. Phila 49	CU9-5068
RI	E Sloan	452 Highland Rd. Malden 48, Mass	DA2-1153
SC	K Gans	2308 Lee High Dr. Huntsville, Ala	JE6-0613
Tenn	K Gans	2308 Lee High Dr. Huntsville, Ala	JE6-0613
Tex	B Bradley	8304 Grapevine Hwy. Ft. Worth 18	AT4-6779
Utah	W P Risk, Jr	3022 LaRosa Dr. Tempe, Ariz	WO7-5689
Vt	E Sloan	452 Highland Rd. Malden 48, Mass	DA2-1153
Va	Wilco Assoc. Inc	731 15th St. NW, Wash. 4, DC	EX3-0451
Wash	Harry Levinson	1117 2nd Ave, Seattle, Wash	MA2-5433
Wisc	E A Dickinson & Associates	4117 N. Green Bay Ave, Milwaukee, Wisc	CO4-1060
Wyo	C G Electronics	Box 8345, Albuquerque, NM	AX9-7601
Canada	Titania Electric Corp of Can Ltd	P.O. Box 672, Gananoque, Ontario, Canada	

ENGINEERED PRECISION CASTING CO. — Hwy 79, Morganville, NJ — LO6-2204
W Debevick *95 D 233

ENGINEERING ASSOCIATES — 434 Patterson Rd, Dayton 19, Ohio — AX3-1662
C Littell, Jr #1 *5 A 895-1135

ENGINEERING SCIENCE DIV., AMER METAL PRODS CO — Box 465, Ann Arbor, Mich — NO5-8641
G Crowe 05-70-160-180-240-265-315-370-410-735-760-825-830-1075-1120-1125-1215-1305-1350-1545-1575-1890

ENGLISH ELECTRIC VALVE CO LTD — Chelmsford, Essex, England — CH3491
1135-1445-1880

TERR	Name	Address	TEL. NO.
Cal	Ampex Corp	934 Charter St, Redwood City, Cal	EM9-1481
NJ	Marconi Instruments Ltd	111 Cedar Ln, Englewood, NJ	LO7-0607
Pa	G F Britt	5046 Nevada St, Philadelphia 31, Pa	TR8-1047
Foreign	Sales Offices/Representatives in all principal countries		

ENSCO INC — 3100 Eldredge St, Salt Lake City, Utah — HU5-9162
F Langson #4 *15 B 338-470-895

TERR	Name	Address	TEL. NO.
Ohio	Dann Co. The	2014 E. 46th St. Cleve	EX1-7240
For	Consulting & Suppliers for S. America	61 Broadway, NY	

ENTHONE INC — 442 Elm St, New Haven, Conn. — SP7-5581
W Murray #25 *70 E 265-1715

TERR	Name	Address	TEL. NO.
Cal	L H Butcher Co	3628 E Olympic Blvd, Los Angeles, Cal	
Fla	Scott Metal Finishing, Inc	1101 Seminol St, Clearwater, Fla	
Ill	Ardco, Inc	5000 W 73rd St, Chicago 38, Ill	
Ohio	R O Hull & Co, Inc	1300 Parsons Ct, Rocky River, Ohio	
Ore	L H Butcher Co	2750 NW 31st Ave, Portland, Ore	
Tenn	C P Hall Co, of Illinois	648 Riverside Dr, Memphis 3, Tenn	
Tex	LaSalco, Inc	2313 A Allen St, Dallas, Tex	
Utah	L H Butcher Co	407 W 17th S St, Salt Lake City, Utah	

ENTRON INC. — 4902 Lawrence St, Bladensburg, Md. — AP7-9585
R McGeehan #10 *60 E 25-190-895-1910

TERR	Name	Address	TEL. NO.
Ala	Nelson E Thomas & Associates	7825 Forshey St, New Orleans 25, La	AM3771
Ariz	J W Marsh Co	4216 W. Jefferson Ave, Los Angeles, Cal	RE2-0145
Ark	Nelson E Thomas & Associates	7825 Forshey St, New Orleans 25, La	AM3771
Ark	Davco Electronics Corp	22nd & Main St, Batesville, Ark	RI3-3816
Cal	J W Marsh Co	4216 W. Jefferson Ave, Los Angeles, Cal	RE2-0145
Del	John Mustico	312 Bewley Rd, Havertown, Pa	HI6-1961
D.C.	John Mustico	312 Bewley Rd, Havertown, Pa	HI6-1961
Fla	Nelson E Thomas & Associates	7825 Forshey St, New Orleans 25, La	AM3771
Ga	Nelson E Thomas & Associates	7825 Forshey St, New Orleans 25, La	AM3771
Haw	Ron Merritt Co	1320 Prospect St. Seattle, Wash	MU2-7337
Idaho	Ron Merritt Co	1320 Prospect St, Seattle, Wash	MU2-7337
Ill	Illinois Electronic Systems	1219 Howard St. Evanston	BR3-3935
Ind	Illinois Electronic Systems	1219 Howard St. Evanston, Ill	BR3-3935
Ky	Midwest Sales Co	3219 W.117 St, Cleveland, Ohio	WI1-2700
La	Davco Electronics Corp	22nd & Main St, Batesville, Ark	RI3-3816
La	Nelson E Thomas & Associates	7825 Forshey St, New Orleans 25, La	AM3771
Md	John Mustico	312 Bewley Rd, Havertown, Pa	HI6-1961
Mich	Midwest Sales Co	3219 W.117 St, Cleveland, Ohio	WI1-2700
Miss	Nelson E Thomas & Associates	7825 Forshey St, New Orleans 25, La	AM3771
Miss	Davco Electronics Corp	22nd & Main St, Batesville, Ark	RI3-3816
Mo	Davco Electronics Corp	22nd & Main St, Batesville, Ark	RI3-3816
Mont	Ron Merritt Co	1320 Prospect St, Seattle, Wash	MU2-7337
Nev	J W Marsh Co	4216 W Jefferson Ave, Los Angeles, Cal	RE2-0145
NJ	Jack Brown Associates	207 Rosedale Rd, Yonkers, NY	SP9-7330
NJ	John Mustico	312 Bewley Rd, Havertown, Pa	HI6-1961
NY	Jack Brown Associates	207 Rosedale Rd, NY	SP9-7330
Ohio	Midwest Sales Co	3219 W.117 St, Cleveland, Ohio	WI1-2700
Okla	Nelson E Thomas & Associates	7825 Forshey St, New Orleans, La	AM3771
Ore	Ron Merritt Co	1320 Prospect St, Seattle, Wash	MU2-7337
Pa	Midwest Sales Co	3219 W.117 St, Cleveland, Ohio	WI1-2700
Pa	John Mustico	312 Bewley Rd, Havertown, Pa	HI6-1961
Tenn	Nelson E Thomas & Associates	7825 Forshey St, New Orleans 25, La	AM3771
Tenn	Davco Electronics Corp	22nd & Main St, Batesville, Ark	RI3-3816
Tex	Nelson E Thomas & Associates	7825 Forshey St, New Orleans, La	AM3771
Tex	Texas Community Art	303 Glover St, Sulphur Springs, Tex	TU5-3757
Va	John Mustico	312 Bewley Rd, Havertown, Pa	HI6-1961
Wash	Ron Merritt Co	1320 Prospect St, Seattle, Wash	MU2-7337
W. Va	Midwest Sales Co	3219 W.117 St, Cleveland Ohio	WI1-2700
Wisc	Illinois Electronic Systems	1219 Howard St. Evanston, Ill	BR3-3935
Canada	Electroline TV Equipment	5757 Decelles Ave, Montreal, Que, Can	RE8-9095

ENVIRO EQUIPMENT CORP — 369 Linden St. Brooklyn 27, NY — VA1-9872
J Malangone *25 B 250

TERR	Name	Address	TEL. NO.
Mich	Electro Rep	22519 Telegraph Rd, Detroit, Mich	
Tex	Gay Sales Co	P.O.Box 13232, Houston, Tex	
Wash	Fred H Haight Co	3812 Eastlake Ave, Seattle, Wash	
Foreign	Ad Auriema Inc	89 Broad St, New York, NY	

EPCO PRODUCTS INC — Box 290, Walkill, NY — TW5-3300
D Unger #3 *100 D 320-1855

TERR	Name	Address	TEL. NO.
Ala	Specialized Electronic Corp	529 N 18th, Birmingham 5	FA4-1615
Conn	Donald E Anderson	30 Arlington St, Lynfield	
Fla	Specialized Electronic Corp	711 Magnolia Ave. Orlando	GA4-0433

TERR	Name	Address	TEL. NO.
Mich	Engineer & Eqpt Co	16255 James Couzens Hwy, Detroit	DI1-5943
NJ	David Unger	150-16 73rd Ave, Flushing, NY	
NY	Nathan Sperry	3527 12th Ave, Brooklyn, NY	

EPIC INC — 150 Nassau St. New York 38, NY — DI9-2470
P Latica #1 *6 B 220-235-338-360-895-990

TERR	Name	Address	TEL. NO.
Cal	W K Geist Co	3177 Glendale Blvd. LA 39	
Cal	James Q Leavitt Co	410 25th St. Oakland	
Cal	W H Steele Co	1612 W. Beverly Blvd. LA 26	
Ill	Jim Talley	230 Grand Ave. Clarendon Hills	
NJ	Charles R Chambers	208 S. Atlantic Ave. Haddonfield	
Ohio	Allied Eng. Div. Ferro Corp	4150 E. 56th St. Cleve 5	
Ohio	Richard T Stacy	525 Boone St. Piqua	
Pa	Elk Eng. Co	Box 398, Paoli	
Pa	John T Fuhrman Jr	6822 Thomas Blvd. Pittsbgh 8	
Pa	Stem Eng. Co	522 S. Main St. Pittsbgh 20	
Tex	Electronic & Instrumentation Sales Co	Box 123, Grand Prairie	
Tex	Spotswood W Lomax	6414 Del Norte Ln. Dallas 25	
Wash	Fairman B Lee Co	241 Central Bldg. Seattle 4	

● **EPOXY PRODUCTS DIV. JOS. WALDMAN & SONS** — 133 Colt St. Irvington, NJ — ES5-6000
S Ringel 30-120-315-585-715-900-1290-1565-1630

TERR	Name	Address	TEL. NO.
Ariz	E J Foley Associates	3940 N. Jokake Dr, Scottsdale, Ariz	WH5-4290
Cal	Perlmuth Electronics	5057 W. Washington Blvd, L A, Cal	WE1-1041
Cal	Perlmuth Electronic Assoc	941 Charleston Rd. Palo Alto	DA1-5064
Conn	Gerber Sales Co	P.O. Box 2817, New Haven, Conn	SP7-6279
Del	L D Lowery, Inc	50 E Wynnewood Rd, Wynnewood, Pa	MI2-9100
DC	L D Lowery Inc	4508 Annapolis Rd, Bladensberg, Md	UN4-4722
Fla	J Neal & Co	3931 S.W. 5th Terr, Miami, Fla	HI4-1118
Idaho	The National Co	71 Marion St, Seattle 4, Wash	MU2-2450
Ill	John Shannon	PO Box 115, Arlington Heights	CL3-3188
Ind	Warner & Kessler & Assoc	PO Box 338 S, Whitley	723-5353
Ky	Warner & Kessler & Assoc	PO Box 338, S. Whitley, Ind	723-5353
Me	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Md	L D Lowery	4508 Annapolis Rd, Bladensburg	UN4-4722
Mass	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Mich	Warner & Kessler & Assoc	Box 126, Sturgis	
Minn	Miller Sales Co	3835 Shady Oak Rd, Hopkins, Minn	WE8-7932
Nev	Perlmuth Assoc	5057 W. Washington Blvd, L A, Cal	WE1-1041
NH	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
NJ	L D Lowery, Inc	50 Wynnewood Rd, Wynnewood, Pa	MI2-9100
NM	E J Foley Associates	3940 N. Jokake Dr, Scottsdale, Ariz	WH5-4290
Ohio	R G Sidnell & Co	1229 Westlake Ave. Cleve	AC1-1313
Okla	Max Daggett Jr	PO Box 30152, Dallas 30, Tex	FL7-1256
Ore	The National Company	71 Marion St. Seattle, Wash	MU2-2450
Pa	L D Lowery Inc	50 Wynnewood Rd, Wynnewood	MI2-9100
Pa	R G Sidnell & Co	675 Princeton Blvd. Pittsbgh	CH2-1476
RI	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Tex	Max Daggett Jr	PO Box 30152, Dallas 30	FL7-1256
Vt	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Va	L D Lowery	4508 Annapolis Rd, Bladensburg, Md	UN4-4722
Wash	The National Co	71 Marion St, Seattle 4, Wash	MU2-2450
W Va	R G Sidnell Co	675 Princeton Blvd. Pittsbgh, Pa	CH2-1476
Wisc	John Shannon	PO Box 115, Arlington Height, Ill	CL3-3188

EPPLEY LAB INC — 12 Sheffield Ave. Newport, RI — VI7-1020
R Anderson #2 *52 D 195-235-885-895-1800

TERR	Name	Address	TEL. NO.
Ariz	W K Geist Co	3177 Glendale Blvd, Los Angeles 39, Cal	NO5-1195
Cal	W K Geist Co	3177 Glendale Blvd, Los Angeles 39, Cal	NO5-1195
NM	W K Geist Co	3177 Glendale Blvd, Los Angeles 39, Cal	NO5-1195

EPSCO INC COMPONENTS DIV — 275 Mass Ave, Cambridge 39, Mass — UN4-4950
A Rosenberg #8 *40 E 275-280-320-338-365-450-455-470-475-895-915-955-1145-1150-1200-1340-1420-1460-1855

TERR	Name	Address	TEL. NO.
Ariz	Moxon Electronics	489 Robertson Blvd, Beverly Hills, Cal	BR2-9311
Cal	Moxon Electronics	489 S. Robertson Blvd, Beverly Hills	BR2-9311
Colo	Hytronic Measurements Inc	1295 S. Bannock St, Denver, Colo	PE3-3701
Del	J A Mount & Co	National Press Bldg, Washington, DC	DI7-1349
DC	J A Mount & Co	National Press Bldg, Washington DC	DI7-1349
Idah	W G Young	Box 8011, Seattle 55, Wash	SE 7984
Ill	Loren F Green & Assoc	518 W. Diversey Ave. Chicago 39	PA5-6824
Ind	Loren F Green & Assoc	518 W. Diversey Ave. Chicago 39, Ill	PA5-6824
Iowa	Loren F Green & Assoc	518 W. Diversey Ave. Chicago 39, Ill	PA5-6824
Md	J A Mount & Co	National Press Bldg, Washington DC	DI7-1349
Mich	Tower Eng	3898 Linden Ave. Dayton 32, Ohio	CL6-0931
Minn	Loren F Green & Assoc	518 W. Diversey Ave. Chicago 39, Ill	PA5-6824
Nev	Moxon Electronics	489 Robertson Blvd. Beverly Hills, Cal	BR2-9311
NJ	SBM Assoc. Inc	232 Roosevelt Dr. Utica, NY	RE2-4410
NM	Hytronic Measurements Inc	211 Sierra, S.E., Albuquerque, NM	AL5-0669
NY	SBM Assoc. Inc	177 Winton Rd. N. Rochester 10	OL4-8440
Ohio	Tower Engineering	3898 Linden Ave, Dayton 32, Ohio	CL6-0931
Okla	Rhea-Cole Sales	909 Dalworth St. Grand Prairie, Tex	AN2-3560
Ore	W G Young	Box 8011, Seattle 55, Wash	SE 7984
Pa	Tower Eng	3898 Linden Ave. Dayton 32, Ohio	CL6-0931
Tex	Rhea-Cole Sales	909 Dalworth St. Grand Prairie	AN2-3560
Utah	Hytronic Measurements Inc	2022 S. Main St, Salt Lake City, Utah	IN6-4924
Va	J A Mount & Co	National Press Bldg. Washington, DC	DI7-1349
Wash	W G Young	Box 8011, Seattle 55	SE 7984
Wis	Loren F Green & Assoc	518 W. Diversey Ave. Chicago 39, Ill	PA5-6824
For	Hudson Randall Intl	6 Pawcatuck Ave. Westerly, RI	LY5-5757

EPSCO INC. INSTRUMENTS DIV — 275 Mass. Ave. Cambridge 39, Mass — UN4-4950
J Bartholomew #75 *750 F 330-338-895-1340

TERR	Name	Address	TEL. NO.
Ariz	Moxon Electronics Corp	4434 Ingraham St. San Diego, Cal	HU8-2901
Cal	Moxon Electronics Corp	489 S. Robertson Blvd. Beverly Hills	BR2-9311
Colo	Hytronic Measurements	1295 S. Bannock, Denver	PE3-3701
Conn	Wild & Assoc	1519 Northern Blvd. Roslyn, NY	MA1-8660
Del	Wild & Assoc	1011 N. Highland St. Arlington, Va	JA4-2274
DC	Wild & Assoc	1011 N. Highland St. Arlington, Va	JA4-2274
Idah	Hytronic Measurements	1295 S. Bannock, Denver, Colo	PE3-3701
Ill	L F Green & Assoc	5218 W. Diversey Ave. Chicago 39	AV5-6824
Ind	L F Green & Assoc	5218 W. Diversey Ave. Chicago 39, Ill	AV5-6824
Iowa	L F Green & Assoc	5218 W. Diversey Ave. Chicago 39, Ill	AV5-6824
Kan	Design & Sales Eng	7601 Forsyth Blvd. St. Louis 5, Mo	PA1-6403
Md	Wild & Assoc	1011 N. Highland St. Arlington, Va	JA4-2274
Mass	Broger Instrument & Sales Co	48 Pearl St. Brookline	BE2-4804
Mich	Tower Eng. Co	19364 James Couzens Hwy. Detroit 35	DI1-2332
Minn	L F Green & Assoc	5218 W. Diversey Ave. Chicago 39, Ill	AV6-6824
Mo	Design & Sales Eng. Co	7601 Forsyth Blvd. St. Louis 5	PA1-6403
Nev	Moxon Electronics Corp	489 S Robertson Blvd. Beverly Hills, Cal	BR2-9311
NJ	Wild & Assoc	1519 Northern Blvd. Roslyn, NY	MA1-8660
NM	Hytronic Measurements	211 Sierra SE. Albuquerque	AL5-0669
NY	Wild & Assoc	1519 Northern Blvd. Roslyn	MA1-8660
Ohio	Tower Eng. Co	2138 Lee Rd. Cleve. Hts. 18	YE2-8563
Okla	Carey-Wolf Co	Box 6072, Ft. Worth, Tex	PE8-1702
Ore	Comptronics	2 Hanford St. Seattle, Wash	MA4-5135
Pa	Wild & Assoc. Inc	Box 95, S. Hampton	LO8-7078
RI	Broger Instrument & Sales Co	48 Pearl St. Brookline, Mass	BE2-4804
Tex	Carey-Wolf Co	Box 6072, Ft. Worth	PE8-1702
Utah	Hytronic Measurements	2022 S. Main St. Salt Lake City	IN6-4924
Va	Wild & Assoc. Inc	1011 N. Highland St. Arlington	JA4-2274
Wash	Comptronics	2 Hanford St. Seattle	MA4-5135
Wis	L F Green & Assoc	5218 W. Diversey Ave. Chicago, Ill	AV6-6824
Wyo	Hytronic Measurements	1295 S. Bannock, Denver, Colo	PE3-3701
For	Hudson Rancall Intl	6 Pawcatuck Ave. Westerly, RI	MO4-4313
For	Industries Export	Merch. Mart, Chicago, Ill.	

EPSCO INC SYSTEMS DIVISION — 275 Mass Ave, Cambridge 39, Mass — UN4-4950
W Schetter #65 *500 G 324-338-340-670-895

TERR	Name	Address	TEL. NO.
Ariz	G E Moxon Sales	489 S. Robertson, Beverly Hills, Cal	BR2-9311
Ark	Carey-Wolf Co	5604 Wales, Ft. Worth, Tex	PE8-1702
Cal	G E Moxon Sales	489 S. Robertson Blvd, Beverly Hills	BR2-9311
Colo	Hytronic Measurements	1295 S. Bannock, Denver, Colo	PE3-3701
Del	H F Erfurt	910 17th St. NW. Wash, DC	RE7-6939
DC	Henry F Erfurt	910 17th St, N.W., Washington, DC	RE7-6939
Fla	H F Erfurt	910 17th St. NW. Wash, DC	RE7-6939
Idaho	Hytronic Measurements	1295 S. Bannock, Denver, Colo	PE3-3701
Iowa	Design & Sales Engineering Co	2702 41st St Pl, Des Moines, Iowa	BL5-4584
Kan	Design & Sales Engineering Co	25 N. Meramec, St. Louis 5, Mo	
La	Carey-Wolf Co	5604 Wales, Ft. Worth, Tex	PE8-1702
Md	H F Erfurt	910 17th NW. Wash, DC	RE7-6939
Mich	Tower Engineering Co	19364 James Couzens Hwy, Detroit	DI1-2332
Mo	Design & Sales Engineering Co	25 N. Meramec, St. Louis 5, Mo	PA1-6402
Neb	Hytronic Measurements	1295 S. Bannock, Denver, Colo	PE3-3701
Nev	G E Moxon Sales	489 S. Robertson, Beverly Hills, Cal	BR2-9311
NM	Hytronic Measurements	211 Sierra, S.E., Albuquerque, NM	AL5-0669
NJ	L Lepofsky	604 E. Durham St. Phila, Pa	CH7-8738
NY	L Lepofsky	604 E. Durham St. Phila, Pa	CH7-8738
NC	H F Erfurt	910 17th St. NW. Wash, DC	RE7-6939
Ohio	Tower Engineering Co	3898 Linden Ave, Dayton, Ohio	CL6-0931
Okla	Carey-Wolf Co	5604 Wales, Fort Worth, Tex	PE8-1702
Ore	Comptronics Inc	2 Hanford St, Seattle, Wash	MA4-5135
Pa	L Lepofsky	604 E. Durham St. Phila	CH7-8738
Pa	Tower Engineering	3898 Linden Ave, Dayton, Ohio	CL6-0931
Tex	Carey-Wolf Co	5604 Wales, Fort Worth, Tex	PE8-1702
Utah	Hytronic Measurements	2022 S. Main, Salt Lake City, Utah	IN6-4924
Wash	W G Young	Box 8011, Seattle 55	LA2-5100
Wash	Comptronics Inc	2 Hanford St, Seattle, Wash	MA4-5135
Wyo	Hytronic Measurements	1295 S. Bannock, Denver, Colo	PE3-3701
Canada	Computing Devices of Canada	P.O. Box 508, Ottawa 4, Ontario, Canada	TA8-2711
Foreign	Industries Export	Merchandise Mart, Chicago, Ill	MO4-4313
Foreign	Hudson Randall International	6 Pawcatuck Ave, Westerly, NJ	MU7-9163

EPSCO MEDICAL DIV. EPSCO INC — 275 Mass Ave. Cambridge 39, Mass — UN4-4950
W McNeil #6 *40 D 338-895

TERR	Name	Address	TEL. NO.
Cal	G E Moxon	489 S Robertson Blvd. Beverly Hills	OR8-5348
Colo	Hytronic Measurements	1295 S Bannock, Denver	PE3-3701
NY	M Elder	70 W. 72nd St. NY	TR7-3800
Can	Douglas Randall Canada Ltd	Toronto	

EPSCO-WEST — 240 E. Palais Rd, Anaheim, Cal — PR2-1000
338-365-895-1810

TERR	Name	Address	TEL. NO.
Alaska	Comptronics	2 Hanford St, Seattle 4, Wash	MA4-5135
Ariz	G E Moxon	489 S. Robertson Blvd, Beverly Hills, Cal	BR2-9311
Cal	G E Moxon	489 S. Robertson Blvd, Beverly Hills, Cal	BR2-9311
Colo	Hytronic Measurements	1295 S. Bannock, Denver, Colo	PE3-3701
Idaho	Comptronics	N. 2 Hanford St, Seattle 4, Wash	MA4-5135
Mont	Comptronics	2 Hanford St, Seattle 4, Wash	MA4-5135
Nev	G E Moxon	489 S. Robertson, Beverly Hills, Cal	BR2-9311
NM	Hytronics Measurements	1295 S. Bannock, Denver, Colo	PE3-3701
Ore	Comptronics	2 Hanford St, Seattle 4, Wash	MA4-5135
Tex	Carey-Wolf Co	6000 Camp Bowie Blvd, Ft. Worth	PE8-1702
Utah	Hytronic Measurements	1295 S. Bannock, Denver, Colo	PE3-3701
Wash	Comptronics	2 Hanford St, Seattle 4, Wash	MA4-5135
Wyo	Hytronic Measurements	1295 S. Bannock, Denver, Colo	PE3-1702

EQUIPMENT & SERVICE CO — 7110 Envoy Ct, Dallas 7, Tex — FL1-9947
J Green #3 *10

EQUIPTO ELECTRONICS CORP — 319 N. Webster St. Naperville, Ill — EL5-7400
C Black #3 *30 105-180-230-260-765-785-790-895-1245-1390-1620

TERR	Name	Address	TEL. NO.
Ala	Gentry Assoc. Inc	918 Snell Isle Blvd. St. Petersburg, Fla	
Alas	B Porter Inc	1209 Poplar Pl. Seattle 44, Wash	EA3-8330
Ariz	Hyde Electronics Co	2402 W. Willetta St. Phoenix	AP8-2286
Ark	E F Aymond Co	7915 Lemmon Ave. Dallas 19, Tex	LA6-5233
Cal	A & P Electronic Sales	420 Market St. SF 11	EX2-8847
Colo	Hyde Elec. Co	869 S. Logan St. Denver 23	WE6-3455
Conn	Edcom Inc	815 Wash. St. Newtonville, Mass	WO9-9710
Del	C E Babcock Co	430 Huntington Dr. Wayne, Pa	MU8-8288
DC	C E Babcock Co	430 Huntington Dr. Wayne, Pa	MU8-8288
Fla	W B Wimberly Co	532 S. Ft. Harrison, Clearwater	3-7072
Fla	W B Wimberly Co	203 N. Lucerne Circle, Orlando	GA5-3093
Ga	Gentry Assoc. Inc	1851 Oak Ln. Orlando, Fla	GA4-0730
Haw	G Piety Factors Inc	2032 Home Rule St. Honolulu 17	837-185
Idah	B Porter Inc	1209 Poplar Pl. Seattle 44, Wash	EA3-8330
Ill	D Smith Assoc	32 S. River St. Aurora	TW7-5752
Ill	Eng. Services Co	6717 Vernon Ave. St. Louis 30, Mo	PA6-2233
Ind	Satullo Co. The	4512 N. Woodward Ave. Royal Oak, Mich	LI9-3910
Iowa	Eng. Services Co	1305 Oakland Gardens, Cedar Rapids	EM5-6183
Kan	Eng. Services Co	247 S. Pinecrest, Wichita	JE1-7765
Me	Edcom Inc	815 Wash. St. Newtonville, Mass	WO9-9710
Md	C E Babcock Co	5962 Glen Falls Ave. Baltimore 6	HA6-8666
Mass	Edcom Inc	815 Wash. St. Newtonville	WO9-9710
Mich	Satullo Co. The	4512 N. Woodward Ave. Royal Oak	LI9-3910
Minn	I I Aaron & Assoc. Inc	614 E. Grant St. Mpls 4	FE6-6659

● INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Miss	Genby Assoc Inc	928 Snell Isle Blvd. St. Petersburg, Fla	
Mo	Eng. Services Co	6717 Vernon Ave. St. Louis 30	PA6-2233
Mo	Eng. Services Co	4550 Main St. KC	JE1-7765
Mont	B Porter Inc	1209 Poplar Pl. Seattle 44, Wash	EA3-8330
Neb	Eng. Services Co	1300 Oakland Gardens, Cedar Rapids, Iowa	EM5-6183
Nev	A & P Electronic Sales	420 Market St. SF 11, Cal	EX2-8847
NH	Edcom Inc	825 Wash. St. Newtonville, Mass	WO9-9710
NJ	M Betten Sales	77-15 16th St. Flushing 66, NY	OL7-6659
NJ	C E Babcock Co	430 Huntington Dr. Wayne, Pa	MU8-8288
NM	Hyde Electronics Co	5206 Constitution Ave. NE. Albuquerque	AM8-1111
NY	D B Assoc. Inc	2307 Erie Blvd. E. DeWitt 14	GI6-1220
NY	D B Assoc. Inc	37 Overbrooke Ave. Tonawanda	TF5-6186
NY	D B Assoc. Inc	16 Jefferson Ave. Endicott	PI8-0832
NY	M Betten Sales	77-15 164 St. Flushing 66	OL7-6659
NC	M J McDonald Co	Rt. 1 Pfafftown	WA4-2182
Ohio	Satullo Co. The	16801 E. Euclid Ave. Cleve. 12	IV6-2800
Ohio	Satullo Co. The	701 W. Ohio Pike, Cinc. 45	PL2-6683
Okla	E F Aymond Co	3915 Lemmon Ave. Dallas 19, Tex	LA6-5233
Ore	B Porter Inc	1817 NE. Multnomah, Portland	AT4-1718
Pa	Satullo Co. The	902 Perry Hwy. Pittsbgh. 37	WE1-5200
Pa	C E Babcock Co	430 Huntington Dr. Wayne	MU8-8288
Pa	C E Babcock Co	1850 Church Rd. York	YO4-3261
RI	Edcom Inc	815 Wash. St. Newtonville, Mass	WO9-9710
SC	M J McDonald Co	Rt. 1, Pfafftown, NC	WA4-2182
Tenn	M J McDonald Co	Rt. 1, Pfafftown, NC	WA4-2182
Tex	E F Aymond Co	3915 Lemmon Ave. Dallas 19	LA6-5233
Tex	E F Aymond Co	5020 Carew St. Houston 35	MO7-2593
Utah	Hyde Electronics Co	2903 Connor St. Salt Lake City 9	IN7-5763
Vt	Edcom Inc	825 Wash. St. Newtonville, Mass	WO9-9710
Va	C F Babcock Co	5902 Glen Falls Ave. Baltimore 6, Md	HA6-8666
Wash	B Porter Inc	1209 Poplar Pl. Seattle 44	EA3-8330
W Va	Satullo Co. The	902 Perry Hwy. Pittsbgh 37, Pa	WE1-5200
Wis	I I Aaron & Assoc. Inc	829 N. Marshall St. Milwaukee 2	BR6-0515
Wyo	Hyde Electronics Co	888 S. Lipan St. Denver 23, Colo	WE6-3455
BC	Port Porter Inc	1209 Poplar Pl. Seattle 44, Wash	EA3-8330
	ERDCO ENGINEERING CORP	**Addison, Ill**	**KI3-6733**
	J Bogen #9 *40 D 820-875-895		
	ERIC ENGINEERING CO	**1823 Colo Ave, Santa Monica, Cal**	**EX3-9610**
	670-895-1095		
Ala	L E Barnhart	1003 Gunks Rd, Jacksonville, Fla	RA4-0987
Ariz	Mueller Electronic Sales	3225 Exposition Pl, Los Angeles 18, Cal	AX5-3239
Ark	Berthold Sales Co	4411 Maple Ave, Dallas, Tex	LA6-8329
Cal	Mueller Electronic Sales	3225 Exposition Pl, Los Angeles 18, Cal	AX5-3239
Cal	Meyer & Ross	113 10th St, San Francisco, Cal	HE1-0652
Colo	Hyde Electronics Sales Co	888 S. Lipan St, Denver, Colo	WE6-3456
Del	George Hautenschild	949 E. Godfrey Ave, Philadelphia 24, Pa	PI4-0847
DC	George Hautenschild	949 E. Godfrey Ave, Philadelphia 24, Pa	PI4-0847
Fla	L E Barnhart	1003 Gunks Rd, Jacksonville, Fla	RA4-0987
Ga	L E Barnhart	1003 Gunks Rd, Jacksonville, Fla	RA4-0987
Hawaii	Meyer & Ross	113 10th St, San Francisco, Cal	HE1-0652
Idaho	Hyde Electronic Sales Co	888 S. Lipan St, Denver, Colo	WE6-3456
Ill	Fitzsimmons Associates Inc	6124 Milwaukee Ave, Chicago 30, Ill.	NE1-7660
Ind	Joe Clancy & Co., Inc	5750 N. Ewing St, Indianapolis 20, Ind.	CL1-7669
Ind	Joe Clancy & Co., Inc	P.O. Box 288, Angola, Ind	793
Iowa	Fitzsimmons Associates Inc	6125 Milwaukee Ave, Chicago 30, Ill.	NE1-7660
Ky	Joe Clancy Co., Inc	P.O. Box 288, Angola, Ind	793
La	Berthold Sales Co	4411 Maple Ave, Dallas, Tex	LA6-8329
Md	George Hautenschild	949 E. Godfrey Ave, Philadelphia 24, Pa	PI4-0847
Mich	J Malcolm Flora Inc	P.O. Box 516, Plymouth, Mich	GL3-4296
Minn	Fitzsimmons Associates Inc	15 E. 58th St, Minneapolis 9, Minn	TA4-8251
Miss	Berthold Sales Co	4411 Maple Ave, Dallas, Tex	LA6-8329
Mont	Hyde Electronic Sales Co	888 S. Lipan St, Denver, Colo	WE6-3456
Neb	Hyde Electronic Sales Co	888 S. Lipan St, Denver, Colo	WE6-3456
Nev	Mueller Electronic Sales	3225 Exposition Pl, Los Angeles 18, Cal	AX5-3239
Nev	Meyer & Ross	113 10th St, San Francisco, Cal	HE1-0652
NJ	Bach Sales Co	26 Manhasset Rd, Old Beth Page, NY	WE7-1240
NJ	George Hautchild	949 E. Godfrey Ave, Philadelphia 24, Pa	PI4-0847
NM	Hyde Electronic Sales Co	5206 Constitution, N.E., Albuquerque, NM	AM8-1111
NY	Bach Sales Co	26 Manhasset Rd, Old Beth Page, NY	WE7-1240
NY	James C Schmitter	109 Easton Ave, Buffalo 15, NY	HU5551
NC	L E Barnhart	1003 Gunks Rd, Jacksonville, Fla	RA4-0987
ND	Fitzsimmons Associates Inc	15 E. 58th St, Minneapolis 9, Minn	TA4-8251
Ohio	Joe Clancy & Co	789 Orlando Ave, Akron 20, Ohio	UN4-0848
Ohio	Joe Clancy Co	805 Rockhill Ave, Dayton 20, Ohio	AX8-3052
Okla	Berthold Sales Co	4411 Maple Ave, Dallas, Tex	LA6-8329
Ore	George M Roth	1504 N.W. Johnson, Portland 9, Ore	CA7-5654
Pa	George Hautenschild	949 E. Godfrey Ave, Philadelphia 24, Pa	PI4-0847
SC	L E Barnhart	1003 Gunks Rd, Jacksonville, Fla	RA4-0987
SD	Fitzsimmons Associates Inc	15 E. 58th St, Minneapolis 9, Minn	TA4-8251
Tenn	L E Barnhart	1003 Gunks Rd, Jacksonville Fla	RA4-0987
Tex	Berthold Sales Co	4411 Maple Ave, Dallas, Tex	LA6-8329
Tex	Hyde Electronic Sales Co	5206 Constitution, N.E., Albuquerque, NM	AM8-1111
Utah	Hyde Electronic Sales Co	888 S. Lipan, Denver, Colo	WE6-3456
Va	L E Barnhart	1003 Gunks Rd, Jacksonville, Fla	RA4-0987
Wash	George M Roth	1504 N.W. Johnson, Portland 9, Ore	CA7-5654
W. Va	L E Barnhart	1003 Gunks Rd, Jacksonville, Fla	RA4-0987
Wisc	Fitzsimmons Associates Inc	6124 Milwaukee Ave, Chicago 30, Ill	NE1-7660
Wyo	Hyde Electronic Sales Co	888 S. Lipan St, Denver, Colo	WE6-3456
Canada	Desser-E-E-Limited	441 St. Francois Xavier, Montreal 1, Can	VI5-6570
●	**ERIE PACIFIC DIV OF ERIE RESISTOR**	**12932 S. Weber Way, Hawthorne, Cal**	**OR8-5418**
	E Titcomb #46 *1400 G 330-360-515-895-1010		
Ariz	Gene French Co	Phoenix	EN673
Cal	Avtronics Inc	603 W Manchester, Inglewood	OR8-9045
Cal	David G DeHaan Co	1523 Cable St. San Diego	AC4-2401
Cal	R L Pflieger & Co	1652 Laurel St. San Carlos	LY1-0395
Colo	Gene French Co	Box 15275, Denver	MA3-1458
DC	Brimberg Assoc	1343 H St. NW, Washington 5	DI7-4234
Fla	Bivins & Caldwell Inc	601 N Fern Creek, Orlando	CH1-1091
Ill	Walter Martin & Assoc	244 Chicago Ave. Oak Park	EU6-2967
Iowa	Design & Sales Eng	2700 41st St. Pl. Des Moines	BL5-4584
Kan	Design & Sales Eng	400 N Emporia, Wichita	HO4-2693
Md	Brimberg Assoc	110 E Pennsylvania Ave. Towson	
Mass	Brogan Assoc	2300 Washington St. Newton	WO9-9560
Mich	J L Pierce Co	16666 James Couzens, Detroit	UN2-2571
Mo	Design & Sales Eng Co	7403 Forsyth Blvd. St Louis	PA1-6433
Mo	Design & Sales Eng Co	2600 Grand Ave. Kansas City	GR1-1640
NM	Gene French Co	7900 Zuni Rd. Albuquerque	AM8-2478
NY	Brogan Assoc	220 Jericho Tnpk, Mineola	PI7-2230
NY	Brogan Assoc	180 Forrest Way, Camillus	OR2-8290
Ohio	Harvey Teplitz & Co	3543 Cornell Dr. Dayton	CR7-9178
Ohio	Harvey Teplitz & Co	671 Sycamore Dr. Cleve	RE1-5676
Pa	Holdsworth & Co	475 S Springfield Rd. Clifton Hts	MA6-8300
Tex	George Sickler Co	2510 Manana Dr. Dallas	FL1-5515
Utah	Gene French Co	131 S 2nd E. Salt Lake City	EM4-2057
Wash	James Findlay Co	10237 Main St. Bellevue	GL4-5200
Can	Measurement Eng Ltd	Arnprior, Ont	AR4217
Can	Measurement Eng Ltd	1969 Avenue Rd. Toronto, Ont	HU1-0231
Can	Measurement Eng Ltd	Box 1352 Sta O, Montreal, Que	NA7-4313
Can	Measurement Eng Ltd	402 Quinn Blvd 4, Longueuil, Que	OR7-4774
For	Ets Radiophon	144 Ave. Malakoff, Paris, Fr	KL32-50
For	Omni Ray AG	Dufourstr. 56, Zurich, Switz	34 44 30
For	Omni Ray G. m. b. H.	Nymphenburger str. 164, Munchen, Ger	6-9326
●	**ERIE RESISTOR CORP**	**644 W. 12th St, Erie, Pa**	**GL6-8592**
	W Crotty #46 *1400 G 220-410-500-670-1125-1290-1445-1475-1850-1855		
Cal	Erie Resistor Corp	2815 W Florence Ave, L A 43	PL3-4511
Cal	David H Ross Co	534 El Camino Real, San Carlos	LY1-4444
Colo	Allen I Williams Co	2263 S Albion St. Denver 22	MA3-0343
Fla	Erie Resistor Corp	425 S Phelps Ave. Winter Park	MI4-7854
Ill	Erie Resistor Corp	5609 W. Diversey Ave, Chicago 39, Ill	NA2-6400
Ind	Erie Resistor Corp	4617 Euclid Ave, Ft. Wayne, Ind	HA9669
Iowa	Bob Carlson	4013 30th St. Des Moines	
Kan	Collins & Havercamp	6825 W. Baltimore Ave, Kansas City, Mo	GL3-4497
La	Branum Sales, Inc	P.O. Box 14348, Dallas 7, Tex	CH7-7128
Mass	Erie Resistor Corp	10-R Muzzey St, Lexington 73, Mass	VO2-8680
Minn	Erie Resistor Corp	PO Box 5575, Southdale Br, Mpls 10	WA6-4131
Neb	Collins & Havercamp	6825 W. Baltimore Ave, Kansas City, Mo	GL3-4497
NJ	Erie Resistor Corp	595 Broad Ave. Ridgefield	WH3-5100
NM	J R Bacher	3225 Silver St. SE, Albuquerque	AL5-9832
Ore	Dave H Lee Co., The	3521 NE Union Ave. Portland 12	AT8-5795
Tex	Branum Sales Inc	P.C. Box 14348, Dallas 7, Tex	CH7-7128
Utah	J R Bacher	320 E 4th S, Salt Lake City	EM4-6844
Wyo	Allen I Williams Co	2263 S. Albion St, Denver 22, Colo	SK6-9403
Can	Erie Resistor of Can, Ltd	7 Fraser Ave. Trenton, Ont	EX2-6524
	ERICKSON SPECIALIZED TOOL CO	**Box 424, Pico, Cal**	**OX9-3719**
	1825		
Cal	E W Brandt Co	1122 Folsom St, San Francisco, Cal.	HE1-7710
Mass	Kimmo Sales Co	25 Tremont St, Boston 8, Mass	RI2-0466
Mich	Central Electronics Sales Co	19403 Fairport, Detroit 5, Mich	LA6-5041
NY	Maury Farber Associates	71 W. Chippewa St, Buffalo 2, NY	MO-3543-4
Ohio	J D Lehner Co	367 Brymfield Rd, Columbus 2, Ohio	LU-5250
	ERWOOD INC	**1779 Berteau Ave, Chicago 13, Ill**	**BI8-0622**
	E Grant #5 *40 C 180-260-710-785-790-895-970-1075-1120-1125-1145-1215-1245-1390		
Conn	Colonial Sales	Box 343, Watertown, Conn	PL5-4872
Haw	Lewers & Cooke Ltd	414 Prince Pkwy. Honolulu 2	51-961
Ill	Rosenfeld & Norton	6216 N. Pulaski, Chicago	KI5-812
Ind	R E Gill	1715 Beechwood Blvd. Marion	NO2-7000
Can	J L Powell	2812 W. 12th Ave. Vancouver 8, BC	RE3-0461
	ESCON INC	**725 Branch Ave. Providence Rd**	**TE1-6800**
	F Brokenwagen #2 *40 C 65-345		
Ariz	Carl Howell	340 N. Marshall Ave. Scottsdale	WH5-2471
Cal	Jay Stone Assoc	22250 Brookmill Rd. Los Altos	YO8-6978
Cal	Malcolm Ross & Co. Inc	1623 S. La Cienega Blvd. LA	BR2-3103
Conn	R S Pettigrew & Co. Inc	10 N. Main St. W. Hartford	AD3-8533
Del	Argus Aero Eng	Box 68, Warminster, Pa	OS5-4131
DC	Argus Aero Eng	Box 68, Warminster, Pa	OS5-4131
Fla	Winfield Electronic Sales	666 NE 125th St. N. Miami	PL1-5566
Ill	Leroy W Beier Co	6518 W. North Ave. Chicago 35	BE7-2420
Ind	Wright Eng	4241 Melbourne Rd. Indpls	WA3-8388
Ky	Wright Eng	4241 Melbourne Rd. Indpls, Ind	WA3-8388
Me	R S Pettigrew & Co. Inc	10 N. Main St. W. Hartford, Conn	AD3-8533
Md	Argus Aero Eng	Box 68, Warminster, Pa	OS5-4131
Mass	R S Pettigrew & Co. Inc	45 Main St. Natick	OL3-6480
Mich	L H Dickelman	18450 Livernois Ave. Detroit	UN4-4376
Minn	George T Sheehan	413 S. 5th St. Mpls	GE 6512
NH	R S Pettigrew & Co. Inc	10 N. Main St. W. Hartford, Conn	AD3-8533
NJ	Barrett Bolder	121 Cole St. Tenafly	LO8-2354
NJ	Schumacher Assoc	Box 182, Abington, Pa	TU4-7808
NY	Martis E Jones	113 Lynch St. N. Syracuse	GL4-3752
NY	W M Hicks	4 Spruce Dr. Roslyn	MA7-6150
NC	Argus Aero Eng	Box 68, Warminster, Pa	OS5-4131
Pa	Schumacher Assoc	Box 182, Abington	TU4-7808
RI	R S Pettigrew & Co. Inc	10 N. Main St. W. Hartford, Conn	AD3-8533
SC	Argus Aero Eng	Box 68, Warminster, Pa	OS5-4131
Tenn	Argus Aero Eng	Box 68, Warminster, Pa	OS5-4131
Tex	P J Spencer Co	2608 Inwood Rd. Dallas	FL1-9991
Vt	R S Pettigrew & Co.	10 N. Main St. W. Hartford, Conn	AD3-8533
Va	Argus Aero Eng	Box 68, Warminster, Pa	OS5-4131
Wis	Leroy W Beier Co	6518 W. North Ave. Chicago 35, Ill	BE7-2420
Can	Desser E - E Ltd.	441 St. Francois Xavier St. Montreal, Que	VI2-5295
	ESCOTRONICS	**7000 Vine St. La Grange, Ill**	**CL6-0597**
	G Lewis #2 *10 A 135-180-230-325-330-338-360-895-1225-1245-1390-1455		
	ESSENTIAL ELECTRONICS CORP.	**1011 Power Ave. Cleve 14, Ohio**	**SU1-7136**
	J Fine #3 *50 A 895		
●	**ESSEX ELECTRONICS DIV. NYTRONICS, INC**	**550 Springfield Ave. Berkeley Heights, NJ**	**464-9300**
	M Milliwater #23 *255 E 320-450-670-1855		
Ala	George F Bohman Co	711 Magnolia Ave, Orlando, Fla	GA5-6680
Ariz	Malcolm Ross & Co	1623 S. LaCienega Blvd, L A, Cal	BR2-3103
Ark	Engineering Associates Inc	2912 Stanley, Ft. Worth, Tex	WA3-7386
Cal	Malcolm Ross & Co	1623 S. LaCienega Blvd, L A, Cal	BR2-3103
Cal	Louis J Kozub	P.O.Box 23, Redwood City, Cal	EM9-2876
Conn	Fred R Lesser	789 Hanover St, Manchester, NH	NA 2-3464
Del	D G Quinlan Co	National Bank Bldg, Ambler, Pa	MI6-7250
DC	D G Quinlan Co	National Bank Bldg, Ambler, Pa	MI6-7250
Fla	George F Bohman Co	711 Magnolia Ave, Orlando, Fla	GA5-6680
Ga	George F Bohman Co	711 Magnolia Ave, Orlando, Fla	GA5-6680
Ill	Engineering Service Co	4550 Main St, Kansas City, Mo	JE1-7765
Ill	Sherbow Botham Sales Inc	7185 W. Armitage Ave, Chicago 35, Ill	TU9-5011
Ind	Robert O Whitesell & Associates	6620 E. Washington St, Indianapolis, Ind	FL9-5374
Iowa	Engineering Service Co	4550 Main St, Kansas City, Mo	JE1-7765
Kan	Engineering Service Co	4550 Main St, Kansas City, Mo	JE1-7765
Ky	Robert O Whitesell & Associates	6620 E. Washington St, Indpls 19, Ind	FL9-5374
La	Engineering Associates Inc	2912 Stanley, Ft. Worth, Tex	WA3-7386
Me	Fred R Lesser	789 Hanover St, Manchester, NH	NA2-3464
Md	D G Quinlan Co	National Bank Bldg, Ambler, Pa	MI6-7250
Mass	Fred R Lesser	789 Hanover St, Manchester, NH	NA2-3464
Mich	Robert O Whitesell & Associates	6620 E. Washington St, Indpls 19, Ind	FL9-5374
Mich	F A Villani	7388 Rosemary, Dearborn 6, Mich	LO3-1216
Mo	Engineering Service Co	4550 Main St, Kansas City, Mo	JE1-7765
Neb	Engineering Service Co	4550 Main St, Kansas City, Mo	JE1-7765
Nev	Malcolm Ross & Co	1623 S. LaCienega Blvd, L. A. Cal	BR2-3103
NH	Fred R Lesser	789 Hanover St, Manchester, NH	NA2-3464
NM	Engineering Associates Inc	2912 Stanley, Ft. Worth, Tex	WA3-7386
NY	Fowler Beach Corp	3700 East Ave, Rochester, NY	LU6-0468
NY	Joseph Spring Associates	254 W. 31st St, New York 1, NY	LO5-1820
NC	W E France Assoc	517 Midway St. Hendersonville	OX3-4202
Ohio	Robert O Whitesell & Associates	6620 E. Washington St, Indpls 19, Ind	FL9-5374
Okla	Engineering Associates Inc	2912 Stanley, Ft. Worth, Tex	WA3-7386
Ore	George Meeker	414 Vance Bldg, Seattle, Wash	MA2-3273
Pa	D G Quinlan Co	National Bank Bldg, Ambler, Pa	MI6-7250
Pa	Robert O Whitesell & Associates	6620 E. Washington St, Indpls 19, Ind	FL9-5374
RI	Fred R Lesser	789 Hanover St, Manchester, NH	NA2-3464
SC	W E France Assoc	517 Midway St. Hendersonville, NC	OX3-4202
Tenn	W E France Assoc	517 Midway St. Hendersonville, NC	OX3-4202
Tex	Engineering Associates Inc	2912 Stanley, Ft. Worth, Tex	WA3-7386
Vt	Fred R Lesser	789 Hanover St, Manchester, NH	NA2-3464
Va	D G Quinlan Co	National Bank Bldg, Ambler, Pa	MI6-7250
Wash	George Meeker	414 Vance Bldg, Seattle, Wash	MA2-3273
W. Va	Robert O Whitesell & Associates	6620 E. Washington St, Indpls 19, Ind	FL9-5374
For	Originator Engineering Co	Box 58, Malmo 1, Sweden	
	ESSEX WIRE CORP MAGNET WIRE DIV	**1601 Wall St, Ft. Wayne, Ind**	**EA0311**
	J Fiske #10 *400 1960		
Ala	Essex Wire Corp	2901 35th Ave, Birmingham, Ala	FA4-2526
Ariz	Essex Wire Corp	213 W. 1st Ave, Phoenix, Ariz	
Cal	Essex Wire Corp	274 Harbor Way, S. San Francisco, Cal	PL6-3030
Cal	Essex Wire Corp	1075 N Patt St, Anaheim, Cal	KE5-6311
Conn	Essex Wire Corp	1731 Park St, Hartford 3, Conn	AD6-0641
Fla	Essex Wire Corp	1230 Edgewater Dr, Orlando, Fla	GA3-3292
Ga	Essex Wire Corp	575 Brady Ave, N.W., Atlanta, Ga	TR5-8992
Ill	Essex Wire Corp	411 S Peoria St, Chicago 7, Ill	MO6-4566
Ill	Essex Wire Corp	418 E. Capitol Ave, Springfield, Ill	LA7-7215
Mich	Essex Wire Corp	6233 Concord Ave, Detroit, Mich	WA5-6885
Minn	Essex Wire Corp	3230 E. Hennepin Ave, Minneapolis 13	FE9-8561
Mo	Essex Wire Corp	2000 Forest Ave, Kansas City 8, Mo	HA1-1955
Mo	Essex Wire Corp	5959 St. Louis Ave, St. Louis 20, Mo	EV2-1800
Neb	Essex Wire Corp	320 W.O.W. Bldg, Omaha, Neb	AT7780
NJ	Essex Wire Corp	457 Frelinghuysen Ave, Newark 5, NJ	BI8-4040
NY	Essex Wire Corp	15 Warrington Dr, Rochester 14, NY	BR1-9976
Ohio	Essex Wire Corp	1725 Superior Ave, Cleveland, Ohio	CH1-5817
Ohio	Essex Wire Corp	410 W. 1st St, Dayton 2, Ohio	BA2-6383
Ore	Essex Wire Corp	1731 N.W. Hoyt St, Portland 12, Ore	
Pa	Essex Wire Corp	3400 Forbes Ave, Pittsburgh, Pa	MU2-7551
Pa	Essex Wire Corp	5650 Market St, Philadelphia, Pa	SH7-6500
Tenn	Essex Wire Corp	648 Riverside Dr, Memphis, Tenn	JA5-8516
Tex	Essex Wire Corp	9132 Directors Row, Dallas, Tex	FL7-6515
Wash	Essex Wire Corp	2208 White-Henry-Stuart Bldg, Seattle, Wash	
Wis	Essex Wire Corp	10701 W National Ave, Milwaukee	FA1-0800
Foreign	Lionel-Essex International Corp	15 E. 26th St, New York 10, NY	MU5-1308
	ESSEX WIRE CORP WIRE & CABLE DIV	**2610 S. Adams, Marion, Ind**	**NO4-6211**
	A Hein #10 *400 1960		
Ariz	Essex Wire Corp	213 W. First Ave, Phoenix, Ariz	AP4-5794
Conn	Essex Wire Corp	1731 Park St, Hartford, Conn	AD6-0641
Ga	Essex Wire Corp	575 Brady Ave, NW, Atlanta	TR5-8992
Ill	Essex Wire Corp	418 E. Capitol St, Springfield, Ill	LA7-7215
Ill	Essex Wire Corp	3901 W Addison, Chicago	IR8-9151
Ill	Essex Wire Corp	411 S Peoria, Chicago	MO6-4566
Ind	Essex Wire Corp	1601 Wall St, Ft. Wayne, Ind	EA0311
Mich	Essex Wire Corp	1701 E 8 St, Hillsdale	HE7-1376
Minn	Essex Wire Corp	3230 E Hennepin, Mpls	FE9-8561
Mo	Essex Wire Corp	5959 St Louis Ave, St Louis	EV2-1800
Mo	Essex Wire Corp	2000 Forest Ave, Kansas City	HA1-1955
Neb	Essex Wire Corp	320 W O W Bldg, Omaha	341-7280
Neb	Essex Wire Corp	320 W O W Bldg, Omaha, Neb	AT7780
NJ	Essex Wire Corp	457 Frelinghuysen, Newark	BI8-4040
NY	Essex Wire Corp	15 Warrington Dr, Rochester, NY	BR1-9976
Ohio	Essex Wire Corp	410 W 1st St, Dayton	BA2-6383
Ohio	Essex Wire Corp	1725 Rockwell, Cleve	CH1-5817
Pa	Essex Wire Corp	3400 Forbes Ave. Pittsbgh	MU2-7551
Pa	Essex Wire Corp	5650 Market St, Upper Darby, Pa	SH7-6500
Tenn	Essex Wire Corp	648 Riverside Dr, Memphis	JA5-8516
Tex	Essex Wire Corp	2528 W Berry St, Fort Worth	WA4-5588
Wash	Essex Wire Corp	2208 White Henry Stuart Bldg, Seattle, Wash	
Wis	Essex Wire Corp	10701 W National Ave, Milwaukee	FA1-0800
Foreign	Lionel-Essex International Corp	15 E. 26th St, New York, NY	MU5-1308
	ESSO STANDARD DIV OF HUMBLE OIL & REFINING CO	**15 W. 51st St, New York, NY**	**PL7-1200**
	J Smith G 265-315-695-900-1070-1240		
La	Esso Standard	1410 Canal St, New Orleans, La	523-6781
Md	Esso Standard	7720 York Rd, Baltimore, Md	VA5-6400
Mass	Esso Standard	135 Clarendon St, Boston 17, Mass	CO6-2600
NJ	Esso Standard	500 N. Broad St, Elizabeth, NJ	EL4-4000
NY	Esso Standard	Hutchinson River Pkwy, Pelham, NY	PE8-4700
NC	Esso Standard	1930 Woodlawn Rd, Charlotte, NC	JA3-2211
Pa	Esso Standard	City Line Ave, Bala-Cynwyd, Pa	TR8-0700
Tenn	Esso Standard	1211 Union Ave, Memphis, Tenn	BR2-2461
Va	Esso Standard	Broad & Hamilton Sts, Richmond, Va	EL9-2411

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	ESTERLINE ANGUS INSTRUMENT CO INC	**Box 596, Indpls 6, Ind**	**CH4-3318**
	J Gall #7 *110 E 895		
Ala	Gearhart Co., The	512 N 18th St. Birmingham	AL2-7419
Ariz	J E Redmond Supply Co	P O Box 869, Phoenix	AL8-4551
Ark	Janis Equipment Co	4711 Popular Ave. Memphis, Tenn	MU3-1511
Cal	Brenner-Fiedler & Assoc, Inc	7563 Melrose Ave, L A 46	WE6-7128
Cal	T R Peach Co	P. O. Box 1056, Burlingame, Cal	DI2-4147
Colo	Mountain States Machinery Co	1526 Blake St, Denver 2, Colo	CH4-7421
Conn	L W Kimes	P. O. Box 192, Stoneham 80, Mass	ST6-1410
Del	Esterline Angus Instrument Co	1130 Western Saving Fund Bldg. Phila, Pa	PE5-1168
DC	Hildenbrand Co	P. O. Box 1060, Fairfax, Va	CR3-2334
Fla	Gearhart Co	2513 Catalina Dr, Orlando, Fla	GA2-0824
Ga	Gearhart Co, The	The Gearhart Bldg. Atlanta 19	233-4431
Idaho	Shaffer & Nelson Inc	1415 S. Main, Salt Lake City 15, Utah	HU4-3382
Ill	Murphy & Dickey	537 S. Dearborn St, Chicago 5, Ill	HA7-7953
Ind	C D Arnold	2123 N Meridian St, Indpls 2	WA5-7561
Iowa	Deco Engineering Products	1112 Locust St. Des Moines 9	AT8-5721
Kan	C B Fall Co	11201 Longview Rd, Hickman Mills, Mo	SO1-6545
Ky	Bowditch & Co	PO Box 3145, Knoxville 17, Tenn	524-2513
La	Mid-South Sales Co	PO Box 13132, New Orleans 25	822-3030
Me	L W Kimes	P. O. Box 192, Stoneham 80, Mass	ST6-1410
Md	Hildenbrand Co	P. O. Box 1060, Fairfax, Va	CR3-2334
Mass	L W Kimes	P. O. Box 192, Stoneham 80, Mass	ST6-1410
Mich	E B Anderson Co	12610 Puritan Ave, Detroit 27, Mich	UN2-7786
Minn	Pinkney & Hine	1925 Nicollet, Minneapolis 3, Minn	FE8-0523
Miss	Janis Equipment Co	4711 Popular Ave. Memphis, Tenn	MU3-1511
Miss	Mid-South Sales Co	PO Box 13132, New Orleans 25, La	822-3030
Mo	C B Fall Co	317 N. 11th St, St. Louis, Mo	CH1-2433
Mont	Shaffer & Nelson Inc	1001 S.E. Water Ave, Portland 14, Ore	BE4-7437
Neb	Deco Engineering Products	PO Box 168, Omaha 1	558-1187
Nev	Shaffer & Nelson Inc	1415 S. Main St, Salt Lake City, Utah	HU4-3382
NH	L W Kimes	P. O. Box 192, Stoneham 80, Mass	ST6-1410
NJ	Esterline Angus Instrument Co	Bldg 2, Port Rd. Newark Airport, Newark	MI3-4484
NM	J E Redmond Supply Co	PO Box 869, Phoenix, Ariz	AL8-4551
NY	J F Wollensak Jr	4505 E. Genesee, Dewitt 14, NY	GI6-3330
NY	Robert F Lamb Co., The	3407 Delaware Ave. Buffalo 17	TR6-3757
NY	Esterline Angus Instrument Co	Bldg 2 Port Rd Newark Airport Newark, NJ	MI3-4484
NC	Ransom, Wallace & Co	1164 E 4th St. Charlotte 2	FR5-1044
ND	Pinkney & Hine	1925 Nicollet, Minneapolis 3, Minn	FE8-0523
Ohio	L H Waldrip Co	3036 Euclid, Cleveland 15, Ohio	EX1-4242
Okla	C B Anderson Electric Co	712 Oil Capitol Bldg, Tulsa 3, Okla	GI7-1123
Ore	Shaffer & Nelson Inc	1001 S.E. Water Ave, Portland 14, Ore	BE4-7437
Pa	W H Bollinger	P. O. Box 9088, Pittsburgh 16, Pa	LO1-2340
Pa	Esterline Angus Instrument Co	1130 Western Saving Fund Bldg. Phila 7	PE5-1168
RI	L W Kimes	P. O. Box 132, Stoneham 80, Mass	ST6-1410
SC	Ransom Wallace & Co	1164 E 4th St. Charlotte 2, NC	FR5-1044
SD	Pinkney & Hine	1925 Nicollet, Minneapolis 3, Minn	FE8-0523
Tenn	Bowditch & Co	PO Box 3145, Knoxville 17	524-2513
Tenn	Janis Equipment Co	4711 Popular Ave, Memphis	MU3-1511
Tex	Kemp Engineering Co	P. O. Box 13251, Dallas 20, Tex	FL7-6663
Tex	Eads Co., The	PO Box 17071, Houston 19	JA6-1846
Tex	C B Anderson Electric Co	P. O. Box 1838, Amarillo, Tex	DR6-6443
Utah	Shaffer & Nelson, Inc	1415 So Main St. Salt Lake City 15	HU4-3382
Va	Hildenbrand Co	P. O. Box 1060, Fairfax, Va	CR3-2334
Wash	Shaffer & Nelson, Inc	1940 Occidental Ave, Seattle 4	MU2-1186
W. Va	W H Bollinger	P. O. Box 9088, Pittsburgh 16, Pa	LO1-2340
Wisc	M F Jacobs Co	2215 N. 3rd St, Milwaukee, Wisc	LO2-5690
Wyo	Mountain States Machinery Co	1526 Blake St, Denver 2, Colo	CH4-7421
Foreign	Sales Offices/Representatives in all principal countries		
	ETCHING CORP OF CAL DIV. ALLEGRI-TECH INC	**865 Hinkley Rd. Burlingame, Cal**	
	E Kuehl #1 *43 C 150-280-345-475-720-895-1190-1245-1735-1780		
Cal	Etching Corp of Cal	1208 Howard St. San Francisco 3	MA1-7670
•	**ETCHOMATIC INC**	**182 Newton St. Waltham 54, Mass**	**TW3-2020**
	P Belson #2 *6 B 200-265-315-525-575-580-620-625-700-820-890-970-1075-1215-1240-1530-1755-1825-1915		
Ariz	T L Stevens Co	15222 S. Grevillea, Lawndale, Cal	SP2-1466
Ark	W T Blackburn Assocs	Box 13073, Dallas 20, Tex	FI1-0230
Cal	T L Stevens Co	15222 S. Grevillea, Lawndale	SP2-1466
Cal	J S Heaton Co	413 Lathrop St. Redwood City	EM9-5278
Conn	Marlboro Associates	P O Box 444, Waltham 54, Mass	TW3-2021
Del	Howard L Burger Co	Glenside & Rice's Mill Rd, Wyncote, Pa	CA4-1740
Idaho	Paratech Agency	9210-28th N.W., Seattle 7, Wash	SU4-6447
Ill	J F McEvoy Co	24 N. Wabash Ave. Chicago 2	DE2-4030
Ind	J F McEvoy Co	24 N. Wabash Ave. Chicago 2, Ill	DE2-4030
Iowa	J F McEvoy Co	24 N. Wabash Ave. Chicago 2, Ill	DE2-4030
La	W T Blackburn Assocs	Box 13073, Dallas 20, Tex	FI1-0230
Me	Marlboro Associates	Box 444, Waltham 54, Mass	TW3-2021
Mass	Marlboro Associates	Box 444, Waltham 54, Mass	TW3-2021
Mo	Process Supply Corp	4433 Manchester Ave, St. Louis, Mo	FR1-0070
Nev	J S Heaton Co	413 Lathrop St. Redwood City, Cal	EM9-5278
NH	Marlboro Associates	Box 444, Waltham 54, Mass	TW3-2021
NJ	J D Buttolph	59 Pine Cliff Rd. Chappaqua, NY	CE8-8331
NJ	H L Burger Co	Glenside At Rices Mill, Wyncote, Pa	CA4-1740
NY	J D Buttolph	59 Pine Cliff Rd. Chappaqua	CE8-8331
NY	SK Products Co	Box 2, Skaneateles	OV5-5942
Okla	W T Blackburn Assocs	Box 13073, Dallas 20, Tex	FI1-0230
Ore	Paratech Agency	9210-28th St, N.W., Seattle, Wash	SU4-6447
Pa	H L Burger Co	Glenside & Rices Mill Rd, Wyncote	CA4-1740
RI	Marlboro Associates	Box 444, Waltham 54, Mass	TW3-2021
Tex	W T Blackburn Assocs	Box 13073, Dallas 20	FI1-0230
Utah	J S Heaton Co	413 Lathrop St. Redwood City, Cal	EM9-5278
Vt	Marlboro Associates	Box 444, Waltham 54, Mass	TW3-2021
Wash	Paratech Agency	9210-28th St, N.W., Seattle, Wash	SU4-6447
Wis	J F McEvoy Co	24 N. Wabash, Chicago 2, Ill	DE2-4030
	ETHYLENE CORP.	**245 Broad St, Summit, NJ**	**CR7-2600**
	A Ostertag #3 *27 D 1290-1960		
Cal	Ethylene-Pacific Corp	8154 Orion Ave, Van Nuys, Cal	ST6-5717
Mass	Ethylene New England Corp	32 Main St. Natick	OL5-0510
Mo	Ethylene - St Louis Corp	4053 Lindell Blvd. St Louis 8	OL2-5811
Pa	Ethylene-Allegheny Corp	1100 E. Warrington Ave, Pittsburg 10, Pa	EV1-7205
Tex	Ethylene Gulf Coast Co	PO Box 15066, Houston	HI7-1114

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	EUBANKS ENGINEERING CO	**260 N Allen Ave. Pasadena, Cal**	**MU1-9638**
	E Eubanks #1 *20 C 1075-1715		
Ariz	Raymond Kimball	35 N. Raymond Ave, Pasadena, Cal	MU1-9603
Cal	Raymond Kimball	35 N. Raymond Ave, Pasadena, Cal	MU1-9603
Cal	Raymond Kimball	1180 Los Altos Ave. Los Altos	WH8-7806
Conn	Technical Instruments, Inc	90 Main St. Reading, Mass	RE2-3930
Fla	A L Pritchard Co	782 64th Ave S, St Petersburg 5	OR1-7722
Ill	Marsland Distributing Corp	6699 Lincoln Ave. Chicago 45	OR6-1100
Ind	Marsland Distributing Corp	6699 Lincoln Ave. Chicago 45, Ill	OR6-1100
Iowa	Marsland Distributing Corp	6699 Lincoln Ave. Chicago 45, Ill	OR6-1100
Kan	Sanford Co	1727 E. 2nd St, Wichita, Kan	AM5-3553
Ky	Kenneth Abbott	209 N. Main St, Marion, Ohio	2-5252
Me	Technical Instruments, Inc	90 Main St. Reading, Mass	RE2-3930
Mass	Technical Instruments, Inc	90 Main St. Reading	RE2-3930
Mich	Marsland Distributing Corp	6699 Lincoln Ave. Chicago 45, Ill	OR6-1100
Minn	Marsland Distributing Corp	231 N Edgewood Ave. Minneapolis 27	OR6-1100
Mo	Sanford Co	1727 E. 2nd St, Wichita, Kan	AM5-3553
Nev	Raymond Kimball	35 N. Raymond Ave, Pasadena, Cal	MU1-9603
NH	Technical Instruments, Inc	90 Main St. Reading, Mass	RE2-3930
NJ	Electronic & TV Consultants	Box 47, New York 52, NY	CY3-8082
NM	Raymond Kimball	35 N. Raymond Ave, Pasadena, Cal	MU1-9603
NY	Electronic & TV Consultants	P. O. Box 47, New York 52, NY	CY3-6082
NY	Maloney Sales Co	202 Merriman Ave, Syracuse 4, NY	GR8-3008
NC	Jake Rudisill Associates	2009 N. Tryon St, Charlotte 6, NC	FR6-4792
Ohio	Kenneth Abbott	209 N. Main St, Marion, Ohio	2-5252
Ore	Raymond Kimball	35 N. Raymond Ave, Pasadena, Cal	MU1-9603
Pa	Electronic & TV Consultants	Box 47, New York 52, NY	CY3-8082
Pa	Maloney Sales Co	202 Merriman Ave, Syracuse 4, NY	GR8-3008
Pa	Kenneth Abbott	209 N. Main St, Marion, Ohio	2-5252
RI	Technical Instruments, Inc	90 Main St. Reading, Mass	RE2-3930
SC	Jake Rudisill Associates	2009 N. Tryon St, Charlotte 6, NC	FR6-4792
Tenn	Jake Rudisill Associates	2009 N. Tryon St, Charlotte 6, NC	FR6-4792
Tex	Sanford Co	1727 E. 2nd St, Wichita, Kan	AM5-3553
Utah	Raymond Kimball	35 N. Raymond Ave, Pasadena, Cal	MU1-9603
Vt	Technical Instruments, Inc	90 Main St. Reading, Mass	RE2-3930
Va	Jake Rudisill Associates	2009 N. Tryon St, Charlotte 6, NC	FR6-4792
Wash	Raymond Kimball	35 N. Raymond Ave, Pasadena, Cal	MU1-9603
Wis	Marsland Distributing Corp	6699 Lincoln Ave. Chicago 45, Ill	OR6-1100
Can	Marsgus, Ltd	6033 Hamilton St. Montreal	
	EUGENE ENGINEERING CO. INC	**1217 Hyde Park Ave. Boston 36, Mass**	**EM1-7000**
	K Blank #7 *100 D 45-135-175-180-210-230-265-370-590-765-785-825-895-920-1065-1120-1135-1190-1245-1290-1295-1300-1390-1580-1615-1875-1940		
Del	W C Sales Representatives	Box 109, Easton, Pa	BL2-8300
DC	W C Sales Representatives	Box 109, Easton, Pa	BL2-8300
Ill	P J Habush & Assoc	Box 65, Muskego, Wis	GA2-0510
Md	W C Sales Representatives	Box 109, Easton, Pa	BL2-8300
Mich	P J Habush & Assoc	Box 65, Muskego, Wis	GA2-0510
NJ	W C Sales Reps	Box 109, Easton, Pa	BL2-8300
Pa	W C Sales Representatives	Box 109, Easton, Pa	BL2-8300
Va	W C Sales Representatives	Box 109, Easton, Pa	BL2-8300
Wis	P J Habush & Assoc	Box 65, Muskego	GA2-0510
	EUREKA X-RAY TUBE CORP	**3250 N. Kilpatrick Ave, Chicago 41, Ill**	**KI5-3126**
	R Mies #4 *70 E 1880		
	EVERARD TAP & DIE CORP	**213-215 E. 144th St, New York, NY**	**LU5-1760**
	G Abbott #1 *25 B 175-490-645-675-895-995-1120-1125-1290		
	EVER READY LABEL CORP	**357 Cortlandt St. Belleville, NJ**	**PL9-5500**
	M Shaw *150 E 965-1190		
	EVERSHED & VIGNOLES LTD	**Chiswick, London W. 4, England**	**CH3670**
	G Law *2000 20-40-338-360-895-1165-1245-1460-1610-1850		
•	**EWALD INSTRUMENTS**	**Rt 7E, Kent, Conn**	**WA7-3278**
	1075-1080-1810-1855-1945		
	EXACT ELECTRONICS, INC	**Box 234, Hillsboro, Ore**	**MI8-3590**
	F Thomas #2 *8 B 895		
Alaska	Comptronics	2 Hanford St, Seattle 2, Wash	MA4-5135
Ariz	Tech-Ser Inc	P.O. Box 5544, San Diego, Cal	AC2-1121
Cal	Tech-Ser Inc	2540 Wilshire Blvd, Los Angeles 5, Cal	DU5-1766
Cal	Tech-Ser Inc	P.O. Box 5544, San Diego, Cal	AC2-1121
Cal	Tech-Ser Inc	640 Dunnhoe St, E. Palo Alto, Cal	DA5-3251
Colo	Hytronic Measurements Inc	1295 S. Bannock St, Denver, Colo	PE3-3701
Conn	Technical Instruments Inc	1115 Main St, Bridgeport, Conn	FO8-4582
DC	C E Snow Co	8218 Wisconsin Ave, Bethesda, Md	OL4-1767
Idaho	Comptronics	2 Hanford St, Seattle 4, Wash	MA4-5135
Ill	Bard Assoc	378 Selbourne Rd. Riverside	HI7-7555
Ind	Bard Assoc	378 Selbourne Rd. Riverside, Ill	HI7-7555
Me	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
Md	C E Snow Co	8218 Wisconsin Ave, Bethesda, Md	OL4-1767
Mass	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
Mich	Satullo Co., The	4512 N Woodward, Royal Oak	JO6-2375
Mont	Hytronic Measurements Inc	2022 S. Main St, Salt Lake City, Utah	IN6-4924
Neb	Hytronic Measurements Inc	1295 S. Bannock St, Denver, Colo	PE3-3701
Nev	Tech-Ser, Inc	640 Donohoe St, E Palo Alto, Cal	DA5-3251
NH	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
NJ	Central Assoc	44 N Dean St. Englewood	LO8-0808
NM	Hytronic Measurements Inc	211 Sierra S.E., Albuquerque, NM	AL5-0963
NY	Central Assoc	11 Neil Dr. Old Bethpage	PY6-0577
NY	Martin P Andrews, Inc	319 Nott Rd. Fayetteville	NE7-6405
Ohio	Satullo Co., The	16801 Euclid, Cleve	IV6-2800
Ohio	Satullo Co., The	785 W Ohio Pike, Cinc	PL2-6683
Ore	Comptronics	2 Hanford St, Seattle 4, Wash	MA4-5135
Pa	C E Snow Co	613 Cheltenham Ave, Phila	CA4-2626
Pa	Satullo Co., The	982 Perry Hwy, Pittsburgh	WE1-5700
RI	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
Utah	Hytronic Measurements Inc	2022 S. Main St, Salt Lake City, Utah	IN6-4924
Vt	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
Va	C E Snow Co	8218 Wisconsin Ave, Bethesda, Md	OL4-1767
Wash	Comptronics	2 Hanford St, Seattle 4, Wash	MA4-5135
W. Va	C E Snow Co	8218 Wisconsin Ave, Bethesda, Md	OL4-1767
Wyo	Hytronic Measurements Inc	1295 S. Bannock St, Denver, Colo	PE3-3701
	EXACT ENGINEERING & MFG INC	**Box 447, Oceanside, Cal**	**SA2-2144**
	20-895-1460-1735-1810		
Ala	Aironic Accessory Co., Inc	3175 Maple Dr, Atlanta 5, Ga	CE7-0788
Ariz	Pacific Electro-Sales Inc	Box 9344, Pacific Beach, Cal	BE3-3341
Cal	Cassidy & Associates	Box 509, Redwood City, Cal	EM9-7164
Cal	Pacific Electro-Sales Inc	6053 1/2 Whittier Blvd, L A 22, Cal	RA3-1996

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Conn	Aironic Accessory Co., Inc	161 Orinoco Dr, Brightwaters, NY	MO6-6510
Del	Aironic Accessory Co., Inc	518 Virginia Ave, Baltimore 4, Md	VA3-3350
DC	Aironic Accessory Co., Inc	518 Virginia Ave, Baltimore 4, Md	VA3-3350
Fla	Aironic Accessory Co., Inc	3179 Maple Dr, Atlanta 5, Ga	CE7-0788
Ga	Aironic Accessory Co., Inc	3179 Maple Dr, Atlanta 5, Ga	CE7-0788
Ill	Aironic Accessory Co., Inc	19971 James Couzens Hwy, Detroit, Mich	VE7-1560
Ill	Aironic Accessory Co., Inc	4 Erwin St, Cincinnati 18, Ohio	WE1-0930
Ind	Aironic Accessory Co., Inc	4 Erwin St, Greenhills, Cinn 18, Ohio	WE1-0930
Ky	Aironic Accessory Co., Inc	4 Erwin St, Cincinnati 18, Ohio	WE1-0930
La	Aironic Accessory Co., Inc	3179 Maple Dr, Atlanta 5, Ga	CE7-0788
Me	Aironic Accessory Co., Inc	161 Orinoco Dr, Brightwaters, NY	MO6-6510
Md	Aironic Accessory Co., Inc	518 Virginia Ave, Baltimore 4	VA3-3350
Mass	Aironic Accessory Co., Inc	161 Orinoco Dr, Brightwaters, NY	MO6-6510
Mich	Aironic Accessory Co., Inc	19971 James Couzens Hwy, Detroit 35	VE7-1560
Miss	Aironic Accessory Co., Inc	3179 Maple Dr, Atlanta 5, Ga	CE7-0788
NH	Aironic Accessory Co., Inc	161 Orinoco Dr, Brightwaters, NY	MO6-6510
NJ	Aironic Accessory Co., Inc	161 Orinoco Dr, Brightwaters, NY	MO6-6510
NJ	Aironic Accessory Co., Inc	518 Virginia Ave, Baltimore 4, Md	VA3-3350
NY	Aironic Accessory Co., Inc	1590 Niagara Falls Blvd, Tonawanda	AT4740
NY	Aironic Accessory Co., Inc	161 Orinoco Dr, Brightwaters, NY	MO6-6510
NC	Aironic Accessory Co., Inc	3179 Maple Dr, Atlanta 5, Ga	CE7-0788
Ohio	Aironic Accessory Co., Inc	19971 James Couzens Hwy, Detroit, Mich	VE7-1560
Ohio	Aironic Accessory Co., Inc	4 Erwin St, Cincinnati 18, Ohio	WE1-0930
Pa	Aironic Accessory Co., Inc	161 Orinoco Dr, Brightwaters, NY	MO6-6510
RI	Aironic Accessory Co., Inc	161 Orinoco Dr, Brightwaters, NY	MO6-6510
SC	Aironic Accessory Co., Inc	3179 Maple Dr, Atlanta 5, Ga	CE7-0788
Tenn	Aironic Accessory Co., Inc	3179 Maple Dr, Atlanta 5, Ga	CE7-0788
Tex	Don Champion Co	P.O. Box 486, Hurst, Tex	AT4-1414
Vt	Aironic Accessory Co., Inc	161 Orinoco Dr, Brightwaters, NY	MO6-6510
Va	Aironic Accessory Co., Inc	518 Virginia Ave, Baltimore 4, Md	VA3-3350
Wash	Remco	321 E. 45th St, Seattle 5, Wash	ME3-5358
W.Va	Aironic Accessory Co., Inc	4 Erwin St, Cincinnati 18, Ohio	WE1-0930
W.Va	Aironic Accessory Co., Inc	518 Virginia Ave, Baltimore 4, Md	VA3-3350
Canada	Whittaker Electronics Ltd	2177 Niagara Dr, Ottawa, Ontario, Canada	
	EXCELLEX ELECTRONICS INC	**88-06 Van Wyck Expwy, Jamaica 18, NY**	**AX1-3585**
	M Weinstein #3 *20-40 B 1290-1785		
Ala	Floyd Fassett & Co	777 Pinehurst Ter SW, Atlanta, Ga	PL3-3104
Alas	Don Smith Sales Co	2320 N 45th St, Seattle 3, Wash	EV3160
Ariz	A A Dowers & Co	2918 E Florence Ave, Huntington Pk, Cal	LU2-5105
Cal	A A Dowers & Co	2918 E Florence Ave, Huntington Pk, Cal	LU2-5105
Colo	Slaybaugh-Thompson Co	100 W 13th Ave, Denver 4, Colo	AC2-5826
Conn	Jos L Feinberg Assoc	9 Bay Shore Dr, New London, Conn	GI2-2514
Fla	Floyd Fassett	777 Pinehurst Terr SW, Atlanta, Ga	PL3-3104
Ga	Floyd Fassett	777 Pinehurst Terr SW, Atlanta, Ga	PL3-3104
Idah	Don Smith Sales	2320 N 45 St, Seattle 3, Wash	EV3160
Ill	D Dolin Sales	3553 W Peterson Ave, Chicago, Ill	JU8-3738
Ind	D Dolin Sales	3553 W Peterson, Chicago, Ill	JU8-3738
Iowa	D Dolin Sales	3553 W Peterson, Chicago, Ill	JU8-3738
Me	Jos L Feinberg Assoc	9 Bay Shore Dr, New London, Conn	GI2-2514
Mass	Jos L Feinberg Assoc	9 Bay Shore Dr, New London, Conn	GI2-2514
Minn	D Dolin Sales	3553 W Peterson, Chicago, Ill	JU8-3738
Miss	Floyd Fassett & Co	777 Pinehurst Terr SW, Atlanta, Ga	PL3-3104
Mont	Don Smith Sales	2320 N 45 St, Seattle 3, Wash	EV3160
Nev	A A Dowers & Co	2918 E Florence Ave, Huntington Pk, Cal	LU2-5105
NH	Jos L Feinberg Assoc	9 Bay Shore Dr, New London, Conn	GI2-2514
NM	Slaybaugh & Thompson Co	100 W 13 Ave, Denver 4, Colo	AC2-5826
NY	Reed & Tollefson Corp	2315 Monroe Ave, Rochester, NY	HI5-0450
NC	Floyd Fassett & Co	777 Pinehurst Terr SW, Atlanta, Ga	PL3-3104
Ore	Don Smith Sales	2320 N 45 St, Seattle 3, Wash	EV3160
RI	Jos L Feinberg Assoc	9 Bay Shore Dr, New London, Conn	GI2-2514
SC	Floyd Fassett & Co	777 Pinehurst Terr SW, Atlanta, Ga	PL3-3104
Tenn	Floyd Fassett & Co	777 Pinehurst Terr SW, Atlanta, Ga	PL3-3104
Utah	Slaybaugh-Thompson Co	100 W 13 Ave, Denver 4, Colo	AC2-5826
Vt	Jos L Feinberg Assoc	9 Bay Shore Dr, New London, Conn	GI2-2514
Va	Floyd Fassett & Co	777 Pinehurst Terr SW, Atlanta, Ga	PL3-3104
Wash	Don Smith Sales	2320 N 45 St, Seattle 3, Wash	EV3160
Wisc	D Dolin Sales	3553 W Peterson, Chicago, Ill	JU8-3738
Wyo	Slaybaugh-Thompson Co	100 W 13 Ave, Denver 4, Colo	AC2-5826
	EXECUTONE INC. COMPONENTS DIV	**47-37 Austell Pl. LIC 1, NY**	**RA9-7001**
	M Holt 1460		
Ariz	Ruby Sales Corp	1535 1st St. San Fernando, Cal	EM1-1201
Cal	N-Lebell Warren Assoc	1667 Laurel St. San Carlos	LY3-7688
Cal	S-Ruby Sales Corp	1535 1st St. San Fernando	EM1-1201
Conn	Henry P Segel Co	386 Washington St. Brookline 46, Mass	BE2-7525
Del	Andco Sales Eng	5823 Greene St. Phila 44, Pa	VI4-9100
DC	Andco Sales Eng	5823 Green St. Phila 44, Pa	VI4-9100
Fla	Jack Geartner Co	235 Lincoln Rd. Miami Beach	JE1-0700
Ill	William J Doyle Co	2600 W Touhy Ave. Chicago 45	BR4-6685
Ind	Monatron	21055 Lorain Rd. Cleve 26, Ohio	ED1-3554
Iowa	William J Doyle Co	2600 W Touhy Ave. Chicago 45, Ill	BR4-6685
Me	Henry P Segel Co	386 Washington St. Brookline 46, Mass	BE2-7525
Md	Andco Sales Eng	5823 Greene St. Phila 44, Pa	VI4-9100
Mass	Henry P Segel Co	386 Washington St. Brookline 46	BE2-7525
Mich	Monatron	21055 Lorain Rd. Cleve 26, Ohio	ED1-3554
Minn	William J Doyle Co	2600 W Touhy Ave. Chicago 45, Ill	BR4-6685
NH	Henry P Segel Co	386 Washington St. Brookline 46, Mass	BE2-7525
NJ	S-J Sales Eng Co	148-06 Archer Ave. Jamaica 35, NY	AX1-3232
NJ	Andco Sales Eng	5823 Greene St. Phila 44, Pa	VI4-9100
NY	Franklin & Andrews Sales Corp	2 Stanton Terr, Syracuse 3	GI6-1120
NY	S-J Sales Eng Co	148-05 Archer Ave. Jamaica 35	AX1-3232
Ohio	Monatron	21055 Lorain Rd. Cleve 26	ED1-3554
Okla	Packard Assoc	Love Field Terminal Bldg. Dallas 35, Tex	FL7-5713
Pa	Andco Sales Eng	5823 Greene St. Phila 44	VI4-9100
Pa	Monatron	21055 Lorain Rd. Cleve 26, Ohio	ED1-3554
RI	Henry P Segel Co	386 Washington St. Brookline 46, Mass	BE2-7525
Tex	Packard Assoc	Love Field Terminal Bldg. Dallas 35	FL7-5713
Vt	Henry P Segel Co	386 Washington St. Brookline 46, Mass	BE2-7525
Va	Andco Sales Eng	5823 Green St. Phila 44, Pa	VI4-9100
Wis	William J Doyle Co	2600 W Touhy Ave. Chicago 45, Ill	BR4-6685
	EXECUTONE, INC	**415 Lexington Ave. New York 17, NY**	**MU7-7440**
	E Brody 55-130-190-325-895-910-1130-1235-1370-1675-1765		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	EXIDE IND'L DIV ELEC STOR BATTERY CO	**Rising Sun Adams, Philadelphia 20, Pa**	**FI2-8000**
	70-255-1445		
Ala	G D Reid	1025-29th Ave, S., Birmingham 9	TR9-5321
Ariz	W O Esterson	935 W. Adams St, Phoenix	AL4-[illegible]
Cal	J G Bouska	1040 S. Grand Ave, Los Angeles 15	RI9-44[illegible]
Cal	W W Grundel	6150 Third St, San Francisco	MI7-[illegible]
Colo	J W Fry	234 Commonwealth Bldg, Denver 2	MA3-7743
Conn	R D O'Brien	265 Church St, New Haven 10, Conn	LO2-0736
DC	J G Hanna	4000 Albemarle St, N.W., Wash 16, DC	EM2-6400
Fla	F P Crowley	107 Florida, Tampa 1	2-8921
Ga	J A Clark	1248 Allen Ave, S.W., Atlanta 10, Ga	PL8-3621
Ill	R Cadbois	425 1st Natl Bank, Peoria	4-5161
Ill	W Musser	5325 S. Western Ave, Chicago 9	WA5-3400
Ind	J F Reynolds	214 S. Marion St, South Bend, Ind	CE3-7823
Ind	R A Smallman	325 Bankers Trust Bldg, Indpls 4, Ind	ME5-6727
Iowa	E J Friemyr	2727 Fair Ave, Davenport	DA3-0871
La	R W Seymour	408 Civic Center Bldg, New Orleans	JA5-[illegible]
Me	R M Walter	142 High St, Portland, Me	SP5-3023
Md	N T Turner	Duncan Bldg, Towson 4, Md	VA5-2011
Mass	T J Maybury	292 Worthington St, Springfield 3, Mass.	ST5-1034
Mass	W S Howes	315 Mystic Ave, Medford 55, Mass	EX5-7979
Mich	W W Hanstreet	2205 Burchard St, E. Grand Rapids	GL6-7487
Mich	M W Turner	14965 Schaefer Hwy, Detroit 27	BR3-7100
Minn	M S Skogen	30 Torrey Bldg, Duluth, Minn	RA2-1751
Minn	R O Miles	1750 Hennepin Ave, Mnpls 3, Minn	FE2-6441
Mo	H T French	3909 Lindell Blvd, St. Louis 8, Mo	OL2-1310
Mo	D C Fischer	125 S. Belmont Blvd, Kansas City 23, Mo	BE1-6300
Neb	J E Folsom	320 WOW Bldg, Omaha 2, Neb	HA8500
NY	C A Muller	217 Montgomery Ave, Syracuse 2, NY	GR1-1488
NY	J F Carr	74 Park Ave, Rochester 7, NY	GR3-4880
NY	G W Griggs	1807 Elmwood Ave, Buffalo 7, NY	VI2244
NY	E A Holland	25 W. 43rd St, New York, NY	BR9-[illegible]
NC	J F Hembree	528 E. Trade St, Charlotte 2, NC	FR5-7986
Ohio	F L Grove	6531 Hollywood Rd, Cincinnati 13, Ohio	MA1-1435
Ohio	D H Beach	1854 Sullivant Ave, Columbus 23, Ohio	BR4-1112
Ohio	R D Moore	500 Third Natl Bldg, Dayton 2, Ohio	BA4-9251
Ohio	G C Nickolson	2225 Hamilton Ave, Cleveland 14, Ohio	CH1-6231
Ore	S H Schooley	1224 S.W. Morrison St, Portland 5, Ore	CA2-3778
Pa	W E Cleary	3908 Potomac Ave, Pittsburgh 16, Pa	FI1-2822
Tenn	J B Tregoning	422 Denton Bldg, Memphis 3, Tenn	JA6-5842
Tex	W B Killingsworth	4311 San Jacinto St, Houston 4, Tex	JA4-3033
Tex	D L Rhea	2133 McKinney Ave, Dallas 1, Tex	RI8-9977
Utah	D M Bower	Box 1126, Murray St, Salt Lake City 7	EL9-5766
Va	B T Franklin	2904 W. Moore St, Richmond 30, Va	EL3-1026
Wash	W H Taylor	617 Paulsen Bldg, Spokane, Wash	MA4-1295
Wash	G L Nicholls	500 Wall St, Seattle 1, Wash	MA3-1377
W. Va	H L Ash	P. O. Box 1562, Charleston, W. Va	DI6-8201
Wisc	R L Phillips	312 E. Wisconsin Ave, Milwaukee 2	BR2-1384
•	**EYELET TOOL CO**	**31 Carleton St, Cambridge, Mass**	**UN4-8170**
	A Gallerie *15 B 615-1075		
Ala	Sunbrand Supply Co	[illegible] St. SW, Atlanta, Ga	JA3-6936
Ariz	R J Hamm Mach. Co	725 W. Buchanan St. Phoenix	AL8-1264
Ark	Marshall Supply	Tulsa, Okla	
Cal	Handicraft Suppliers	531 Howard St, San Francisco, Cal	EX2-6968
Conn	Richard Tyler	P.O. Box 21, Branford, Conn	HU8-0454
Del	D Townsend	725 Shadow Rd. Bala Cynwyd, Pa	MO4-2093
Ga	Sunbrand Supply Co	[illegible] St. SW Atlanta	JA3-6936
Ill	George J Schultz	15 S. Austin Blvd, Chicago, Ill	CO1-4744
Kan	Marshall Supply Co	Tulsa, Okla	
NY	S Lamb Assoc	36 W. 40th St	LO3-3757
Ohio	Cleveland Duplex Machinery	1435 Warren Rd. Lakewood 7	AC7-4740
Okla	Marshall Supply Co	Tulsa, Okla	
Pa	D Townsend	725 Shadow Rd. Bala Cynwyd	MO4-2093
Tex	Chester Butt	P.O. Box 8213, Houston 4, Tex	WA6-7493
Wis	G J Schultz	15 S Austin Blvd. Chicago, Ill	CO1-4744
	FF&M ELECTRONICS, INC	**12820 Panama, Los Angeles 66, Cal**	**UP0-6041**
	R LaCroix #125 *485 F 338-430-895		
DC	FF&M Electronics, Inc	1725 Eye St. NW, Washington 6	FE3-8866
•	**FXR, INC**	**25-26 50th St. Woodside 77, NY**	**RA1-9000**
	R Dolcamp #75 *800 F 25-50-285-385-503-845-885-895-1045-1135-1170-1280		
Ala	J Neal & Co	Box 50-438, Miami 50, Fla	HI4-1118
Ariz	Hytronic Measurements Inc	211 Sierra, S.E., Albuquerque, NM	AL5-0669
Cal	FXR, Inc	4134 Del Rey Ave. Venice	EX1-7141
Colo	Hytronic Measurements Inc	1295 S. Bannock St, Denver 23, Colo	PE3-3701
DC	A & M Assoc, Inc	1145 19th St. NW, Washington 6	FE8-5116
Fla	J Neal & Co	Box 50-438, Miami 50, Fla	HI4-1118
Ga	J Neal & Co	Box 50-438, Miami 50, Fla	HI4-1118
Idaho	AMMCO	PO Box 51, Boeing Field, Seattle 8, Wash	PA5-9810
Idaho	Hytronic Measurements, Inc	2022 S Main St. Salt Lake City, Utah	IN6-4924
Ill	Ridgway Associates	6300 W. North Ave, Chicago 39, Ill	TU9-5715
Ind	Ridgway Associates	1224 N. Capitol Ave, Indpls 2, Ind	ME5-2401
Iowa	Ridgway Associates	6300 W. North Ave, Chicago 39, Ill	TU9-5715
Kan	Kemco Inc	6427 E. Kellogg, Wichita 18, Kan	MU4-8224
Ky	Ridgway Assoc	1224 N Capitol Ave. Indpls, Ind	ME5-2401
Ky	Ridgway Assoc	3800 Linden Ave. Dayton 32, Ohio	CL2-5604
Me	FXR Inc	Box 92, S. Lincoln, Mass	CL9-8162
Md	A & M Assoc, Inc	1145 19th St. NW, Washington 6, DC	FE8-5116
Mass	FXR Inc	Box 92, S. Lincoln, Mass	CL9-8162
Mich	Ridgway Assoc	3384 Twelve Mile Rd. Berkley	LI6-3312
Mo	Kemco Inc	6427 E. Kellogg, Wichita 18, Kan	MU4-8224
Mont	Hytronic Measurements Inc	1295 S. Bannock St. Denver 23, Colo	PE3-3701
Mont	Hytronic Measurements, Inc	1295 S Bannock St. Denver, Colo	PE3-3701
Mont	Hytronic Measurements, Inc	2022 S Main St. Salt Lake City, Utah	IN6-4924
Neb	Hytronic Measurements Inc	1295 S. Bannock St, Denver 23, Colo	PE3-3701
NH	FXR Inc	Box 92, S. Lincoln, Mass	CL9-8162
NM	Hytronic Measurements Inc	211 Sierra, S.E., Albuquerque, NM	AL5-0669
NY	J D Ryerson Associates Inc	Box 1400, Syracuse 1, NY	GI6-1771
NC	Jake Rudisill Assoc	2005 N Tryon St. Charlotte 6	FR6-4792
Ohio	Ridgway Assoc	5915 Schaaf Rd. Cleveland 31	LA4-1421
Ohio	Ridgway Assoc	3800 Linden Ave. Dayton 32	CL2-5604
Okla	Kemco Inc	1618 W. 6th St, Irving, Tex	BL4-7032
Ore	AMMCO	Box 51, Boeing Field, Seattle, Wash	PA5-9810
Pa	Ridgway Associates	5915 Schaaf Rd, Cleveland, Ohio	LA4-1421
Pa	A & M Assoc, Inc	1145 19th St. NW, Washington 6, DC	FE8-5116

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Pa	Ridgway Assoc	5915 Schaaf Rd. Cleveland 31, Ohio	LA4-1421
RI	FXR Inc	Box 92, S. Lincoln, Mass	CL9-8162
SC	Jake Rudisill Assoc	2005 N Tryon St. Charlotte 6, NC	FR6-4792
Tenn	Jake Rudisill Assoc	2005 N Tryon St. Charlotte 6, NC	FR6-4792
Tex	Kemco Inc	1618 W. Sixth St, Irving, Tex	BL4-7032
Utah	Hytronic Measurements Inc	2022 S Main St, Salt Lake City, Utah	IN6-4924
Vt	FXR Inc	Box 92, S. Lincoln, Mass	CL9-8162
Va	Jake Rudisill Assoc	2005 N Tryon St. Charlotte 6, NC	FR6-4792
Va	A & M Assoc, Inc	1145 19th St. NW, Washington 6, DC	FE8-5116
Wash	AMMCO	Box 51, Boeing Field, Seattle, Wash	PA5-9810
Wisc	Ridgway Associates	6300 W. North Ave, Chicago 39, Ill	TU9-5715
Wyo	Hytronic Measurements Inc	1295 S. Bannock St, Denver, Colo	PE3-3701
Can	Radionics Ltd	8230 Mayrand St. Montreal 9, Que	RE9-5517
For	Henley & Co	201 E 44th St. New York 17, NY	YU6-5544
For	Ingenieursbureau Projecto	Prinsengracht 530, Amsterdam	
For	Elliott Bros (London) Ltd	Elstree Way, Borehamwood Hertfordshire, Eng	EL2040
For	Radio Equipments	65 Rue de Richelieu, Paris, Fr.	
For	Schneider, Henley & Co. GmbH	12a Maximilianplatz, Munich, Ger.	
For	I. P. A.	Lungotevere Sanzio 9, Rome, Italy	
For	Elektronikbolaget AB	[illegible], Stockholm, Swed.	
	FACTORY ENTERPRISES INC	**3431 Butler St, Pittsburgh 1, Pa**	**MU1-1199**
	R Kyle *6 A 265-620-625-670-1530-1605		
•	**FAE INSTRUMENT CORP**	**[illegible] La. Huntington Sta, NY**	**AR1-300**
	A Onyshie #1 *25 C 145-205-310-390-755-895-1165-1810		
Ariz	Wright Eng Co	180 E California Blvd. Pasadena, Cal	MU1-8488
Cal	Wright Engineering Co	180 E. California St, Pasadena, Cal	MU1-8488
Cal	Wright Engineering Co	12E 25th Ave, San Mateo, Cal	FI5-3157
Del	East Coast Liaison, Inc	PO Box 243, Lutherville, Md	VA5-4449
Mass	Assoc Electronics, Inc	525 Pleasant St. Worcester 2	
Nev	Wright Eng Co	126 25th Ave. San Mateo, Cal	FI5-3157
NY	H W Brede Co	689 Glen Cove Rd. Glen Head	
Tenn	East Coast Liaison, Inc	PO Box 243, Lutherville, Md	VA5-4449
Tex	Ammon Woods	5505 E Mockingbird Land, Dallas	
Wis	Rossi Sales	2429 N 73rd Ave. Chicago, Ill	
	FAFNIR BEARING CO., THE	**37 Booth St, New Britain, Conn**	**BA5-5151**
	S Fisher *5000 75		
Ala	Fafnir Bearing Co., The	505 Courtland St, N.E., Atlanta 8, Ga	TR5-8135
Alaska	Fafnir Bearing Co., The	605 Spokane St, Seattle 4, Wash	MA2-4141
Ariz	Fafnir Bearing Co., The	2276 E. 16th St, Los Angeles 21, Cal	LU1-6171
Ark	Fafnir Bearing Co., The	880 S. Third St, Memphis 6, Tenn	JA5-7602
Cal	Fafnir Bearing Co., The	2276 E. 16th St, Los Angeles 21, Cal	LU1-6171
Colo	Fafnir Bearing Co., The	4425 Vine St, Denver 16, Colo	AL5-1495
Del	Fafnir Bearing Co., The	505 Courtland St, N.E., Atlanta 8, Ga	TR5-8135
DC	Fafnir Bearing Co., The	505 Courtland St, N.E., Atlanta 8, Ga	TR5-8135
Fla	Fafnir Bearing Co., The	505 Courtland St, N.E., Atlanta 8, Ga	TR5-8135
Ga	Fafnir Bearing Co., The	505 Courtland St, N.E., Atlanta 8, Ga	TR5-8135
Hawaii	Fafnir Bearing Co., The	20 Rollins Rd, San Francisco 24, Cal	OX7-1244
Idaho	Fafnir Bearing Co., The	1202 N.W. 17th Ave, Portland 9, Ore	CA7-0147
Ill	Fafnir Bearing Co., The	4540 W. Olcott Ave, Chicago 31, Ill	UN7-8785
Ind	Fafnir Bearing Co., The	1500 E. Riverside Dr, Indpls, Ind	ME8-1584
Iowa	Fafnir Bearing Co., The	2201 5th Ave, Moline, Ill	2-7766
Kan	Fafnir Bearing Co., The	2910 Oak St, Kansas City 1, Mo	WE1-5154
Ky	Fafnir Bearing Co., The	2637 Erie Ave, Cincinnati 8, Ohio	EA1-2482
La	Fafnir Bearing Co., The	9000 Directors Row, Dallas 7, Tex	FL 7-6568
Me	Fafnir Bearing Co., The	117 Alewife Brook, Cambridge, Mass	UN4-9890
Md	Fafnir Bearing Co., The	505 Courtland St, N.E., Atlanta 8, Ga	TR5-8135
Mass	Fafnir Bearing Co., The	117 Alewife Brook Pkwy, Cambridge	UN4-9890
Mich	Fafnir Bearing Co., The	14300 Puritan Ave, Detroit 27, Mich	BR3-3455
Minn	The Fafnir Bearing Co	3509 Raleigh Ave, Mnpls 16, Minn	WA6-7621
Miss	Fafnir Bearing Co., The	880 S. Third St, Memphis 6, Tenn	JA5-7602
Mo	Fafnir Bearing Co., The	2910 Oak St, Kansas City 8, Mo	WE1-5154
Mont	Fafnir Bearing Co., The	605 Spokane St, Seattle 4, Wash	MA2-4141
Neb	Fafnir Bearing Co., The	4425 Vine St, Denver 16, Colo	AL5-1495
Nev	Fafnir Bearing Co., The	2276 E. 16th St, Los Angeles 21, Cal	LU1-6171
NH	Fafnir Bearing Co., The	117 Alewife Brook, Cambridge, Mass	UN4-9890
NJ	Fafnir Bearing Co., The	39-33 59th St, Woodside 77, NY	TW9-2000
NM	Fafnir Bearing Co., The	4425 Vine St, Denver 16, Colo	AL5-1495
NY	Fafnir Bearing Co., The	39-31 59th St, Woodside 77, NY	TW9-2000
NC	Fafnir Bearing Co., The	119 W. 29th St, Charlotte 6, NC	ED4-8401
Ohio	Fafnir Bearing Co., The	14300 Puritan Ave, Detroit 27, Mich	BR3-3455
Okla	Fafnir Bearing Co., The	9000 Directors Row, Dallas 7, Tex	FL7-6568
Ore	Fafnir Bearing Co., The	1202 N. W. 17th Ave, Portland 9, Ore	CA7-0147
Pa	Fafnir Bearing Co., The	210 S. Highland Ave, Pittsburgh 6, Pa	EM2-1818
RI	Fafnir Bearing Co., The	117 Alewife Brook, Cambridge, Mass	UN4-9890
SC	Fafnir Bearing Co., The	119 W. 29th St, Charlotte 6, NC	ED4-8601
Tenn	Fafnir Bearing Co., The	505 Courtland St, N.E., Atlanta 8, Ga	TR5-8135
Tex	Fafnir Bearing Co., The	9000 Directors Row, Dallas 7, Tex	FL7-6568
Utah	Fafnir Bearing Co., The	4425 Vine St, Denver 16, Colo	AL5-1495
Vt	Fafnir Bearing Co., The	117 Alewife Brook, Cambridge, Mass	UN4-9890
Va	Fafnir Bearing Co., The	505 Courtland St, N.E., Atlanta 8, Ga	TR5-8135
Wash	Fafnir Bearing Co., The	605 Spokane St, Seattle 4, Wash	MA2-4141
W.Va	Fafnir Bearing Co., The	505 Courtland St, N.E., Atlanta 8, Ga	TR5-8135
Wisc	Fafnir Bearing Co., The	711 W. Capitol Dr, Milwaukee 6, Wisc	FR4-2010
Wyo	Fafnir Bearing Co., The	4425 Vine St, Denver 16, Colo	AL5-1495
For	The Fafnir Bearing Co	39-40 59th St, Woodside 77, NY	TW9-2000
	FAIRCHILD CAMERA & INSTRUMENT CORP CABLE DIV.	**Junge Blvd. & Maiden La. Joplin, Mo**	**MA3-1775**
	H Peterson 190-795		
Cal	Ed Roberts	1656 Lark Ellen Dr. La Puente	ED6-7669
Kan	Joe Mansfield	Parsons	GA1-2991
	FAIRCHILD CAMERA & INSTRUMENT CORP DEFENSE PROD DIV	**Robbins La, Syosset, NY**	**WE1-4500**
	J Auld #300 *1500 200-325-885-895-1395-1425-1870-1910		
Cal	Fairchild Camera & Instrument Corp	6111 E. Washington Blvd, Los Angeles, Cal	
DC	Fairchild Camera & Instrument Corp	1625 Eye St, N.W., Wash, DC	
Ohio	Fairchild Camera & Instrument Corp	Third National Bank Bldg, Dayton, Ohio	
	FAIRCHILD CAMERA & INSTRUMENT CORP INDUSTRIAL PROD DIV	**580 Midland Ave, Yonkers, NY**	**GR6-0201**
	H Oshen 200-635		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	FAIRCHILD CONTROLS CORP	**225 Park Ave. Hicksville, NY**	**WE8-5[illegible]**
	A Boddy *500 15-780-895-1330-1735-1850		
Ala	Col-Ins-Co	1012 Big Cove Rd, Huntsville, Ala	JE9-1771
Ariz	Fairchild Controls Corp	6111 E. Washington Blvd, L A, Cal	RA3-5191
Cal	Cessin Tipton & Assoc	3270 Rosecrans St. San Diego	AC2-[illegible]
Cal	R L Pflieger Co Inc	1652 Laurel, San Carlos	LY1-[illegible]
Colo	Barnhill Associates	1170 S. Sheridan Blvd, Denver, Colo	WE5-4645
Conn	Everett Sales Engineering Co	154 Plandome Rd, Manhasset, NY	MA7-7750
Conn	Ray Bridge Co	Sunny Acres 7, Wallingford	CO9-4648
Fla	Col-Ins-Co	5728 Precision Dr, Orlando, Fla	CH1-1501
Ga	Col-Ins-Co	5728 Precision Dr, Orlando, Fla	CH1-1501
Idaho	Remco	321 E. 45th St, Seattle, Wash	ME3-5850
Ill	Design & Sales Engineering Co	7603 Forsyth Blvd. St Louis, Mo	PA1-6403
Ill	Burt Anderson & Assoc	6414 W Higgins Ave. Chicago	SP4-4174
Ind	Burt Anderson & Associates	6414 W. Higgins Ave, Chicago, Ill	SP4-4174
Iowa	Burt Anderson & Associates	6414 W. Higgins Ave, Chicago, Ill	SP4-4174
Kan	Design & Sales Engineering Co	7603 Forsyth Blvd. St Louis, Mo	PA1-6403
Me	New Inc	99 Highland Ave, Somerville, Mass	PR6-2352
Mass	George J Neuman & Co	Box 88, Wellesley Hills	CE5-5353
Mich	Burt Anderson & Associates	6414 W. Higgins Ave, Chicago, Ill	SP4-4174
Miss	Col-Ins-Co	64 E. Central Ave, Orlando, Fla	GA2-6197
Mo	Design & Sales Engineering Co	7603 Forsyth Blvd. St Louis	PA1-6403
Mont	Fairchild Controls Corp	6111 E. Washington Blvd, L A, Cal	RA3-5191
Neb	Fairchild Controls Corp	6111 E. Washington Blvd, L A, Cal	RA3-5191
Nev	Fairchild Controls Corp	6111 E Washington Blvd. L A, Cal	RA3-5191
Nev	Fairchild Controls Corp	6111 E. Washington Blvd, L A, Cal	RA3-5191
NH	George J Neuman & Co	Box 88, Wellesley Hills, Mass	CE5-5353
NM	Barnhill Associates	[illegible], Albuquerque, NM	
NY	Everett Sales Engr Co	154 Plandome Rd, Manhasset, NY	MU7-7750
NC	Col-Ins-Co	5728 Precision Dr, Orlando, Fla	CH1-1501
ND	Fairchild Controls Corp	6111 E. Washington Blvd, L A, Cal	RA3-5191
Ohio	Thomas G DeMuesy	Box 7, Centerville	TU5-2535
Ore	Remco	321 E. 45th St, Seattle, Wash	ME3-5850
RI	George J Neuman & Co	Box 88, Wellesley Hills, Mass	CE5-5353
RI	Ray Bridge Co	Sunny Acres 7, Wallingford, Conn	CO9-4648
SC	Col-Ins-Co	5728 Precision Dr, Orlando, Fla	CH1-1501
SD	Fairchild Controls Corp	6111 E. Washington Blvd, L A, Cal	RA3-5191
Tenn	Col-ins-co	5728 Precision Dr. Orlando, Fla	CH1-1501
Utah	Barnhill Associates	207 W. 4th E., Centerville	EL5-5101
Vt	George J Neuman & Co	Box 88, Wellesley Hills, Mass	
Wash	REMCO	2745 Mt St Helens, Seattle	PA3-3400
Wisc	Anderson Associates	6414 W. Higgins, Chicago, Ill	SP4-4174
Wyo	Fairchild Controls Corp	6111 E. Washington Blvd, L A, Cal	RA3-5191
Can	R D B Sheppard	2036 Prince Charles Rd. Ottawa	PA2-7152
Foreign	Fairchild Controls Corp	6111 E. Washington Blvd, L A, Cal	RA3-5191
	FAIRCHILD RECORDING EQUIP CORP	**10-40 45th Ave, Long Island City 1, NY**	**ST4-6163**
	D Plunkett #3 *65 D 895-1195-1255-1265-1270-1330-1905		
Ala	Robert G Thomas	1404 Linda Vista Ln. Birmingham	
Alaska	Ray Johnston Co	1011 E. [illegible] St, Seattle, Wash	
Ariz	Mueller Electronic Sales	9306 Santa Monica Blvd. Beverly Hills, Cal	
Ark	Maynard Sales Co	2013 Cedar Springs, Dallas, Tex	
Cal	Mueller Electronic Sales	9306 Santa Blvd. Beverly Hills	
Cal	Technical Sales Assoc	1485 Bayshore Blvd. S F	
Colo	Stan Clapp Assoc	7825 W Colfax, Denver	
Del	Wilfrid Graham Associates	611 Latham Dr, Wynnewood, Pa	
DC	Wilfrid Graham Associates	611 Latham Dr, Wynnewood, Pa	
Fla	World Wide Products Co	Box 154, N. Miami, Fla	
Ga	Robert G Thomas	1404 Linda Vista Dr. Birmingham, Ala	
Idaho	Stan Clapp Assoc	7825 W Colfax, Denver, Colo	
Ill	Loren F Green Associates	5218 W. Diversey, Chicago, Ill	
Ill	Robert Shaw	7800 Kenridge Ln, Webster Groves, Mo	
Ind	Loren F Green Associates	5218 W. Diversey, Chicago, Ill	
Iowa	Robert Shaw	7800 Kenridge Ln, Webster Grove, Mo	
Kan	Robert Shaw	7800 Kenridge Ln, Webster Grove, Mo	
Ky	Loren F Green Associates	5218 W. Diversey, Chicago, Ill	
La	Maynard Sales Co	2013 Cedar Springs, Dallas, Tex	
Md	Wilfrid Graham Associates	611 Latham Dr, Wynnewood, Pa	
Mich	Burchart-Rodenberg Assoc	8735 E Jefferson, Detroit	
Miss	Robert G Thomas	1404 Linda Vista Dr. Birmingham, Ala	
Mont	Stan Clapp Assoc	7825 W Colfax, Denver, Colo	
Neb	Stan Clapp Assoc	7825 W Colfax, Denver, Colo	
Nev	Technical Sales Assoc	1485 Bayshore Blvd. S F, Cal	
NJ	R G Bach Sales Co	26 Mahan Rd, Old Bethpage, NY	
NM	Jon Norbert	Box 1324, Tucson, Ariz	
NY	R G Bach Sales Co	26 Mahan Rd, Old Bethpage, NY	
NY	Maurie Farber	70 W. Chippewa St, Buffalo, NY	
NY	Bach Sales Co	26 Mahon Rd. Old Bethpage	
NC	Robert G Thomas	1404 Linda Vista Dr. Birmingham, Ala	
ND	William Engelbretsen	900 Ottawa Ave, St. Paul, Minn	
Ohio	H H Seay Co	3851 Fairlington Dr, Columbus, Ohio	
Okla	Maynard Sales Co	2013 Cedar Springs, Dallas, Tex	
Ore	Ray Johnston Co	1011 E. [illegible] St, Seattle, Wash	
Pa	Wilfrid Graham Associates	611 Latham Dr, Wynnewood, Pa	
Pa	Dahl Mack	320 Lincoln Bldg, Scranton, Pa	
SC	Robert G Thomas	1404 Linda Vista Dr. Birmingham, Ala	
SD	William Engelbretsen	900 Ottawa Ave, St. Paul, Minn	
Tenn	Robert G Thomas	1404 Linda Vista Dr. Birmingham, Ala	
Tex	Maynard Sales Co	2013 Cedar Springs, Dallas, Tex	
Utah	Stan Clapp Assoc	7825 W Colfax, Denver, Colo	
Wash	Ray Johnston Co	1011 E. [illegible] St, Seattle, Wash	
W. Va	H H Seay Co	3851 Fairlington Dr, Columbus, Ohio	
Wisc	William Engelbretsen	900 Ottawa Ave, St. Paul, Minn	
Wyo	Stan Clapp Assoc	7825 W Colfax, Denver, Colo	
Canada	Roy Gray Co Ltd	46 Danforth, Toronto, Ont, Canada	
•	**FAIRCHILD SEMICONDUCTOR CORP**	**545 Whisman Rd, Mountain View, Cal**	**YO8-8161**
	T Bay #260 *1600 G 500-895-1150-1860		
Ala	Fairchild Semiconductor Corp	618 E South St. Orlando, Fla	CH1-2596
Ariz	Fairchild Semiconductor Corp	8833 Sunset Blvd, Los Angeles, Cal	OL5-6058
Ark	Fairchild Semiconductor Corp	6957 W North Ave. Oak Park, Ill	VI8-[illegible]
Cal	Fairchild Semiconductor Corp	8833 Sunset Blvd, Los Angeles, Cal	OL5-6058
Colo	Fairchild Semiconductor Corp	378 Cambridge Ave. Palo Alto, Cal	DA1-8780
Conn	Fairchild Semiconductor Corp	36 North St. Bedford, Mass	WE1-4435
Del	Fairchild Semiconductor Corp	Cafritz Bldg. Wash, DC	NA8-2590
DC	Fairchild Semiconductor Corp	Cafritz Bldg. Wash	NA8-2590
Fla	Fairchild Semiconductor Corp	618 E South St. Orlando	CH1-2596

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ga	Fairchild Semiconductor Corp	618 E South St. Orlando, Fla	CH1-2596
Idah	Fairchild Semiconductor Corp	378 Cambridge Ave. Palo Alto, Cal	DA1-8780
Ill	Fairchild Semiconductor Corp	6957 W North Ave. Oak Park	VI8-5985
Ind	Fairchild Semiconductor Corp	6957 W North Ave. Oak Park, Ill	VI8-5985
Iowa	Fairchild Semiconductor Corp	6957 W North Ave. Oak Park, Ill	VI8-5985
Kan	Fairchild Semiconductor Corp	6957 W North Ave. Oak Park, Ill	VI8-5985
Ky	Fairchild Semiconductor Corp	6957 W North Ave. Oak Park, Ill	VI8-5985
La	Fairchild Semiconductor Corp	6957 W North Ave. Oak Park, Ill	VI8-5985
Me	Fairchild Semiconductor Corp	36 North St. Bedford, Mass	NE1-4436
Md	Fairchild Semiconductor Corp	1027 Cafritz Bldg, Washington, DC	NA8-7770
Mass	Fairchild Semiconductor Corp	36 North St. Bedford	NE1-4436
Mich	Fairchild Semiconductor Corp	6957 W North Ave. Oak Park, Ill	VI8-5985
Minn	Fairchild Semiconductor Corp	6957 W North Ave. Oak Park, Ill	VI8-5985
Miss	Fairchild Semiconductor Corp	618 E South St. Orlando, Fla	CH1-2596
Mo	Fairchild Semiconductor Corp	6957 W North Ave. Oak Park, Ill	VI8-5985
Mont	Fairchild Semiconductor Corp	378 Cambridge Ave. Palo Alto, Cal	DA1-8780
Neb	Fairchild Semiconductor Corp	6957 W North Ave. Oak Park, Ill	VI8-5985
Nev	Fairchild Semiconductor Corp	8833 Sunset Blvd, Los Angeles, Cal	OL5-6058
NH	Fairchild Semiconductor Corp	36 North St. Bedford, Mass	NE1-4436
NJ	Fairchild Semiconductor Corp	600 Old Country Rd, Garden City, NY	PI1-4770
NM	Fairchild Semiconductor Corp	8833 Sunset Blvd, Los Angeles, Cal	OL5-6058
NY	Fairchild Semiconductor Corp	600 Old Country Rd, Garden City, NY	PI1-4770
NC	Fairchild Semiconductor Corp	Cafritz Bldg. Wash, DC	NA8-2590
ND	Fairchild Semiconductor Corp	6957 W North Ave. Oak Park, Ill	VI8-5985
Ohio	Fairchild Semiconductor Corp	6957 W North Ave. Oak Park, Ill	VI8-5985
Okla	Fairchild Semiconductor Corp	6957 W North Ave. Oak Park, Ill	VI8-5985
Ore	Fairchild Semiconductor Corp	378 Cambridge Ave. Palo Alto, Cal	DA1-8780
Pa	Fairchild Semiconductor Corp	100 Old York Rd, Jenkintown, Pa	TU5-6523
RI	Fairchild Semiconductor Corp	36 North St. Bedford, Mass	NE1-4436
SC	Fairchild Semiconductor Corp	618 E South St. Orlando, Fla	CH1-2596
SD	Fairchild Semiconductor Corp	6957 W North Ave. Oak Park, Ill	VI8-5985
Tenn	Fairchild Semiconductor Corp	100 Old York Rd, Jenkintown, Pa	TU5-6523
Tex	Fairchild Semiconductor Corp	6957 W North Ave. Oak Park, Ill	VI8-5985
Utah	Fairchild Semiconductor Corp	378 Cambridge Ave. Palo Alto, Cal	DA1-8780
Vt	Fairchild Semiconductor Corp	36 North St. Bedford, Mass	NE1-4436
Va	Fairchild Semiconductor Corp	1027 Cafritz Bldg, Washington, DC	NA8-7770
Wash	Fairchild Semiconductor Corp	378 Cambridge Ave. Palo Alto, Cal	DA1-8780
W. Va	Fairchild Semiconductor Corp	1027 Cafritz Bldg, Washington, DC	NA8-7770
Wis	Fairchild Semiconductor Corp	6957 W North Ave. Oak Park, Ill	VI8-5985
Wyo	Fairchild Semiconductor Corp	378 Cambridge Ave. Palo Alto, Cal	DA1-8780
	FAIRFIELD CONTROLS INC	**114 Manhattan St, Stamford, Conn**	**DA5-1561**
	P Toub #4 *20 C 275-370-360-365-475-895-915-1150-1420-1455-1555-1830-1855		
Ill	C G Sims Co	4014 N. Wilson Dr. Milwaukee, Wis	ED2-4750
Wis	C G Sims Co	4014 N. Wilson Dr. Milwaukee 11	ED2-4750
	FAIRFIELD DEVELOPMENT LABS INC	**190 Henry St, Stamford, Conn**	**FI8-1405**
	F Bottomley 560-895-1120-1135-1305		
Cal	Engineering Sales & Service Co	3100 Airport Ave, Santa Monica, Cal	EX7-4237
Ind	Oen Sales Co	Box 55237, Indianapolis 5, Ind	LI6-2452
Kan	Benson Engineering Co	515 S. Broadway, Wichita, Kan	AM2-6917
Md	M & J Associates, Inc	P O Box 24, Timonium	CL2-2127
Mass	R P Maher Co	South Lincoln, Mass	CL9-9100
Ohio	Roc Associates Inc	Box 241, Worthington, Ohio	TU5-1157
Tex	Robco	4515 Prentice St, Dallas 6, Tex	EM8-3338
	FAIRMONT ALUMINUM CO	**Box 912, Fairmont, W Va**	**363-3000**
	L Campbell *325 F 1125		
Cal	E Jordan Brookes Co	6601 Telegraph Rd. Los Angeles 22	RA3-8431
Conn	Fairmont Aluminum Co	23 Grimes Ln, Simsbury	OL8-7369
Fla	Fairmont Aluminum Co	62 NE 2nd St. Miami	FR9-3806
Ga	Fairmont Aluminum Co	3224 Peachtree Rd. NE, Atlanta 5	231-3021
Ill	Fairmont Aluminum Co	4613 N Milwaukee Ave. Chicago 41	KI5-5766
Ind	Disque Steel Products Co	707 E 65th St. Indianapolis 20	CL3-2774
Iowa	Fairmont Aluminum Co	Box 111, Monticello	5-5066
Kan	Fairmont Aluminum Co	5346 Clark Dr. Shawnee	SK1-5518
Md	Fairmont Aluminum Co	103 W Chesapeake Ave. Towson 4	VA8-[illegible]
Mass	Fairmont Aluminum Co	419 Boylston St. Boston 16	CO6-6660
Mich	David T Applebee Co	929 McKay Tower, Grand Rapids 2	GL9-3445
Minn	Sandberg-Peterson Co	6111 Excelsior Blvd. Minneapolis 16	WE9-6745
Mo	E A Harbeck & Co	215 N Meramec Ave. St Louis 5	PA7-1015
NY	Fairmont Aluminum Co	60-10 Maurice Ave. Maspeth 78	OL1-4200
NY	Stetler & Stetler	1807 Elmwood Ave. Buffalo 7	TR3-6435
Ohio	Fairmont Aluminum Co	2129 Euclid Ave. Cleveland 15	SU1-[illegible]
Ohio	Fairmont Aluminum Co	Rowlawn Center Bldg. Cincinnati 37	JE1-5400
Pa	Fairmont Aluminum Co	3480 Forbes Ave. Pittsburgh 13	MU3-6844
Tex	Fairmont Aluminum Co	3505 Dartmoor, Dallas 29	FL7-4051
Wis	Fairmont Aluminum Co	2303 W Wells St. Milwaukee 3	DI6-[illegible]
•	**FAIRMOUNT CHEMICAL CO., INC.**	**136 Liberty St, New York 6, NY**	**BA7-6375**
	J Cressin #4 *100 E 700-1635		
Cal	Bay Chemical Co	1345 N. Vanowen St. N. Hollywood	
Ill	J H deLanar & Co	4529 N. Kedzie Ave, Chicago Ill	
	FAIR-RITE PRODUCTS CORP	**Wallkill, NY**	**TW5-3700**
	#2 *55 D 380		
Cal	The Charnel Co	7415 W. 3rd St, Los Angeles 45, Cal	SP6-3651
Del	A Wetterhahn Co	538 Buena Vista Ave. Maple Shade, NJ	NO2-1611
DC	A Wetterhahn Co	538 Buena Vista Ave. Maple Shade, NJ	NO2-1611
Ill	Robert J Kennedy	6713 N. Oliphant Ave, Chicago 31, Ill	NE1-8283
Ind	Robert J Kennedy	6713 N. Oliphant Ave, Chicago 31, Ill	NE1-8283
Ky	Frank Campiano	7865 Reco Rd, Cincinnati 11, Ohio	HU1-2652
Md	A Wetterhahn Co	538 Buena Vista Ave. Maple Shade, NJ	NO2-1611
Mich	Robert J Kennedy	6713 N. Oliphant Ave, Chicago 31, Ill	NE1-8283
Minn	Robert J Kennedy	6713 N. Oliphant, Chicago 31, Ill	NE1-8283
NJ	A Wetterhahn Co	538 Buena Vista Ave, Maple Shade	NO2-1611
NY	D L Wilbur Co	572 Oakwood Ave, Syracuse 5, NY	GR6-2705
Ohio	Frank Campiano	7865 Reco Rd, Cincinnati 11, Ohio	HU1-2652
Pa	A Wetterhahn Co	538 Buena Vista Ave. Maple Shade, NJ	NO2-1611
Pa	D L Wilbur Co	572 Oakwood Ave, Syracuse 5, NY	GR6-2705
SD	Robert J Kennedy	6713 N Oliphant, Chicago 31, Ill	NE1-8283
Va	A Wetterhahn Co	538 Buena Vista Ave. Maple Shade, NJ	NO2-1611
W Va	A Wetterhahn Co	538 Buena Vista Ave. Maple Shade, NJ	NO2-1611
Wisc	Robert J Kennedy	6713 N. Oliphant, Chicago 31, Ill	NE1-8283
Foreign	Dage Corp	219 E. 44th St, New York 17, NY	MU2-6755

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
•	**FALCON DIV GEN THERMODYNAMICS CORP**	**207 Concord Tpke, Cambridge, Mass**	**TR6-3269**
	S Leto #5 *20 B 390-895		
	FALLS METAL WORKS LTD	**414 Main St, Little Falls, NJ**	
	180-260-1245		
	FALSTROM CO	**44 Falstrom Ct, Passaic, NJ**	**PR7-0013**
	R Hill #9 *180 D 180-230-260-675-850-855-865-895-1125-1245-1390		
	FANON ELECTRONIC INDUSTRIES INC	**439 Frelinghuysen Ave. Newark, NJ**	**BI3-1020**
	W Nachtigall #4 *100 E 325-895-910-1235-1255-1425-1765-1860-1870-1895		
Ala	Morris F Taylor Co	2356 Connally Dr, East Point, Ga	
Alas	M K Widdekind Co	222 1st Ave N, Seattle, Wash	AT4-8020
Ariz	Verne Linsley	2902 W. Villa St, Phoenix, Ariz	
Ark	LeRoy Massey	304 E. Jefferson St, Greenwood, Miss	
Cal	Perlmuth Electronic Associates	5097 W. Washington, Los Angeles, Cal	
Cal	Logan Sales	150 8th St. San Francisco 3	HE1-0692
Colo	Gordon Moss Electronics Inc	1530-13th Ave, Greeley, Colo	
Conn	Charles Segel Co	1262 Commonwealth, Boston, Mass	
Del	Charles Lienau Co	9427 Georgia Ave. Silver Spring, Md	
DC	Richard Bocklover	52121 Westridge Ave. Wash 16	
Fla	Morris F Taylor Co	4304 Comma St, Tampa, Fla	
Ga	Morris F Taylor Co	2356 Connally Dr, East Point, Ga	
Haw	Gene Piety Factors	160 Mokauea St. Honolulu	
Idaho	Gordon Moss Electronics Inc	1530-13th Ave, Greeley, Colo	
Ill	Markal Sales Corp	2539 W Peterson Ave. Chicago 45	LO1-7290
Ill	Collins-Havercamp Associates	6857 N. Main St, Kansas City, Mo	
Ind	Heming Sales Co	Butler Ct, Ft. Wayne, Ind	
Iowa	Collins-Havercamp Associates	6857 N. Main St, Kansas City, Mo	
Kan	Collins-Havercamp Associates	6857 N. Main St, Kansas City, Mo	
Ky	Heming Sales Co	Butler Ct, Ft.Wayne, Ind	
La	Berthold Sales Co	4411 Maple Ave, Dallas, Tex	
Me	Charles Segel Co	1262 Commonwealth Ave, Boston, Mass	
Md	Charles W Lienau Co	9427 Georgia Ave. Silver Spring	
Mass	Charles Segel Co	1262 Commonwealth, Boston, Mass	
Mich	Flora Bros	Territorial at Ridgewood, Plymouth, Mich	
Minn	Marvin Kirkeby Co	204 Sunny Ridge Ln, Minneapolis, Minn	
Miss	LeRoy Massey	304 E. Jefferson St, Greenwood, Miss	
Mo	Collins-Havercamp Associates	6057 N. Main St, Kansas City, Mo	
Mont	M K Widdekind Co	222-1st Ave, Seattle, Wash	
Neb	Gordon Moss Electronics Inc	1530-13th Ave, Greeley, Colo	
Nev	Logan Sales Co	150 8th St. San Francisco 3, Cal	HE1-0692
NH	Charles Segel Co	1262 Commonwealth, Boston, Mass	
NJ	Al Furman	1148 Greentree Ln. Narberth, Pa	
NM	Verne Linsley	2902 W. Villa St, Phoenix, Ariz	
NY	Paston-Hunter Co	3307 Erie Blvd, E., Syracuse, NY	
NC	Morris F Taylor Co	1224 Dresden Dr, W., Charlotte, NC	
ND	Marvin Kirkeby Co	204 Sunnyridge Ln, Minneapolis, Minn	
Ohio	Mike Roth Sales Co	13947 Cedar Rd, Cleveland, Ohio	
Okla	Berthold Sales Co	4411 Maple Ave, Dallas, Tex	
Ore	M K Widdekind Co	222-1st Ave, N., Seattle, Wash	
Pa	Al Furman	1148 Greentree Ln, Narberth	
RI	Charles Segel Co	1262 Commonwealth, Boston, Mass	
SC	Morris F Taylor Co	1224 Dresden Dr, W., Charlotte, NC	
SD	Marvin Kirkeby Co	204 Sunnyridge Ln, Minneapolis, Minn	
Tenn	LeRoy Massey	304 E. Jefferson St, Greenwood, Miss	
Tex	Berthold Sales Co	4411 Maple Ave, Dallas, Tex	
Utah	Gordon Moss Electronics Inc	1530-13th Ave, Greeley, Colo	
Vt	Charles Segel Co	1262 Commonwealth, Boston, Mass	
Va	Nat Warren	4532 Waxford Rd. Richmond 25	
Wash	M K Widdekind Co	222-1st Ave, N., Seattle, Wash	
W. Va	Mike Roth Sales Co	13947 Cedar Rd, Cleveland, Ohio	
Wisc	Marvin Kirkeby Co	204 Sunnyridge Ln, Minneapolis, Minn	
Wyo	Gordon Moss Electronics Inc	1530-13th Ave, Greeley, Colo	
For	Singer Products Co., Inc	95 Broad St. New York 4, NY	
•	**FANON TRANSISTOR CORP**	**439 Frelinghuysen Ave. Newark 12, NJ**	**BI3-1020**
	R McQueen 1860		
Ala	Paul Hayden Assoc	Birmingham	
Ariz	Perlmuth Electronic Assoc	Phoenix	
Cal	Perlmuth Electronic Assoc	Los Angeles	
Del	W R Scholes Co	Cheltenham, Pa	
DC	Charles Lienau Co	Silver Spring, Md	
Fla	Paul Hayden Assoc	Orlando	
Ga	Paul Hayden Assoc	East Point	
Ill	Burt Anderson Assoc	Chicago	
Ind	Burt Anderson Assoc	Chicago	
Iowa	Burt Anderson Assoc	Chicago	
La	Texport Co	Dallas, Tex	
Md	Charles Lienau Co	Silver Spring	
Mich	Burt Anderson Assoc	Chicago, Ill	
Minn	Hamilton & Bayle	Minneapolis	
NJ	Simberkoff Sales	Orange	
NM	Perlmuth Electronic Assoc	Albuquerque	
NY	Simberkoff Sales	Orange, NJ	
NC	Paul Hayden Assoc	Burlington	
Ohio	Burt Anderson Assoc	Batavia	
Okla	Texport Co	Dallas, Tex	
Ore	W K Widdekind Co	Seattle, Wash	
Pa	W R Scholes Co	Cheltenham	
Tenn	Texport Co	Memphis	
Tex	Texport Co	Dallas	
Va	Charles Lienau	Silver Spring, Md	
Wash	M K Widdekind	Seattle	
Wis	Burt Anderson Assoc	Milwaukee	
	FANSTEEL METALLURGICAL CORP	**2200 N. Sheridan, N. Chicago, Ill**	**DE6-4900**
	H Weirich #200 *2200 G 220-255-355-500-1125-1445-1575-1580-1875-1885-1960		
Ala	Roy Attaway Co	2315 Bob Wallace Ave. Huntsville	534-2811
Alaska	Avionics Liaison Inc	Boeing Field, Seattle 8, Wash	PA3-7602
Ariz	Carter Associates, Inc	219 S Hinton Rd. Scottsdale	WH5-3611
Cal	David H Ross Co	534 El Camino Real, San Carlos, Cal	LY1-4411
Cal	Fansteel Metallurgical Corp	2425 Mission St. San Marino	MU2-2125
Cal	Westates Electronics Corp	11334 W. Playa St, Culver City, Cal	EX1-6201
Colo	Fansteel Metallurgical Corp	3304 N. Harlem Ave, Chicago 34, Ill	TU9-3200
Conn	Fansteel Metallurgical Corp	339 Auburn St, Auburndale 66, Mass	DE2-7880

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Del	Fansteel Metallurgical Corp	Washington Ln, Jenkintown, Pa	TU4-2333
DC	Fansteel Metallurgical Corp	Washington Ln, Jenkintown, Pa	TU4-2333
Fla	W Bar Wimberly	520 S. Ft. Harrison Ave, Clearwater, Fla	CL3-7072
Ga	Roy Attaway Co	528 N McDonough St. Decatur	DR7-8943
Idaho	Rowley-Bouvette Inc	955 Folsom Ave, Salt Lake City, Utah	DA2-2041
Ill	Fansteel Metallurgical Corp	3304 N. Harlem Ave, Chicago 34, Ill	TU9-3200
Ind	Fansteel Metallurgical Corp	3304 N. Harlem Ave, Chicago 34, Ill	TU9-3200
Iowa	Fansteel Metallurgical Corp	1201 S Clover Dr. Minneapolis 20, Minn	UN9-5880
Kan	Fansteel Metallurgical Corp	3304 N. Harlem Ave, Chicago 34, Ill	TU9-3200
Ky	Fansteel Metallurgical Corp	3304 N. Harlem Ave, Chicago 34, Ill	TU9-3200
Me	Fansteel Metallurgical Corp	339 Auburn St. Auburndale 66, Mass	DE2-7880
Md	Fansteel Metallurgical Corp	Washington Ln, Jenkintown, Pa	TU4-2333
Mass	Fansteel Metallurgical Corp	339 Auburn St. Auburndale 66	DE2-7880
Mich	Fansteel Metallurgical Corp	3304 N. Harlem Ave, Chicago 34, Ill	TU9-3200
Mich	Fansteel Metallurgical Corp	11750 Shaker Blvd, Cleveland 20, Ohio	SK2-2900
Minn	Fansteel Metallurgical Corp	1201 S Clover Dr. Minneapolis 20	UN9-5880
Miss	Roy Attaway Co	2315 Bob Wallace Ave. Huntsville, Ala	534-2811
Mo	Fansteel Metallurgical Corp	3304 N. Harlem Ave, Chicago 34, Ill	TU9-3200
Mont	Rowley-Bouvette Inc	955 Folsom Ave, Salt Lake City, Utah	DA2-2041
Neb	Fansteel Metallurgical Corp	1201 S Clover Dr. Minneapolis 20, Minn	UN9-5880
Nev	David H Ross Co	534 El Camino Real, San Carlos, Cal	LY1-4411
NH	Fansteel Metallurgical Corp	339 Auburn St. Auburndale 66, Mass	DE2-7880
NJ	Fansteel Metallurgical Corp	214 Main St, Hackensack, NJ	DI2-2878
NJ	Fansteel Metallurgical Corp	Washington Ln, Jenkintown, Pa	TU4-2333
NM	Carter Associates, Inc	219 S Hinton Rd. Scottsdale, Ariz	WH5-3611
NY	Eastern Radio Corp	312 Clifton Ave, Clifton, NJ	GR1-6600
NY	Fansteel Metallurgical Corp	214 Main St, Hackensack, NJ	DI2-2878
NY	Fansteel Metallurgical Corp	339 Auburn St. Auburndale 66, Mass	DE2-7880
NC	Fansteel Metallurgical Corp	Washington Ln, Jenkintown, Pa	TU4-2333
ND	Fansteel Metallurgical Corp	1201 S Clover Dr. Minneapolis 20, Minn	UN9-5880
Ohio	Fansteel Metallurgical Corp	11750 Shaker Blvd, Cleveland 20, Ohio	SK2-2900
Ohio	Fansteel Metallurgical Corp	3304 N. Harlem Ave, Chicago 34, Ill	TU9-3200
Okla	Dale Hjort	9745A Hines Blvd, Dallas 20, Tex	FL2-4038
Ore	Avionics Liaison Inc	Boeing Field, Seattle 8, Wash	PA3-7602
Pa	Fansteel Metallurgical Corp	Washington Ln, Jenkintown, Pa	TU4-2333
Pa	Fansteel Metallurgical Corp	11750 Shaker Blvd, Cleveland 20, Ohio	SK2-2900
RI	Fansteel Metallurgical Corp	339 Auburn St. Auburndale 66, Mass	DE2-7880
SC	Roy Attaway Co	528 N McDonough St. Decatur, Ga	DR7-8943
SD	Fansteel Metallurgical Corp	1201 S Clover Dr. Minneapolis 20, Minn	UN9-5880
Tenn	Roy Attaway Co	528 N McDonough St. Decatur, Ga	DR7-8943
Tex	Dale Hjort	9745A Hines Blvd, Dallas 20, Tex	FL2-4038
Utah	Rowley-Bouvette Inc	955 Folsom Ave, Salt Lake City, Utah	DA2-2041
Vt	Fansteel Metallurgical Corp	339 Auburn St. Auburndale 66, Mass	DE2-7880
Va	Fansteel Metallurgical Corp	Washington Ln, Jenkintown, Pa	TU4-2333
Wash	Avionics Liaison Inc	Boeing Field, Seattle 8, Wash	PA3-7602
W. Va	Fansteel Metallurgical Corp	11750 Shaker Blvd, Cleveland 20, Ohio	SK2-2900
Wis	Fansteel Metallurgical Corp	1201 S Clover Dr. Minneapolis 20, Minn	UN9-5880
Wis	Fansteel Metallurgical Corp	3304 N Harlem Ave. Chicago 34, Ill	TU9-3200
Wyo	Rowley-Bouvette Inc	955 Folsom Ave, Salt Lake City, Utah	DA2-2041
Can	D T Shaw Co	2345 Lucerne Rd. Montreal 16, Que	RI7-2403
Can	Aviation Electric Pacific Ltd	Vancouver A M F, B C	CR8-2184
	FARLEY & LOETSCHER MFG CO PLASTICS DIV	**7th & White Sts, Dubuque, Iowa**	**2-5451**
	1290		
Ala	O M Price Jr	1025 N. 19th St, Birmingham 1, Ala	FA2-1028
Cal	Plastic Center Co	186 S. Alvarado, Los Angeles 57, Cal	DU1-3063
Ga	William L Johnston	1427 Candler Bldg, Atlanta 3, Ga	MU8-5650
Ill	Albert J Cox Co	565 W. Washington St, Chicago 6, Ill	FR2-1945
Mo	Thomas B Moore & Co	Rt 2 Barrett Sta Rd, Manchester, Mo	
Ohio	Richard A Koozer & Co	15 N. Mulberry St, Mansfield, Ohio	LA5-0034
Ohio	Robert W Bugie Sales Co	1179 Gilbert Ave, Cincinnati 2, Ohio	PA1-2258
Pa	R J O'Brien	Commercial Trust Bldg, Phila 2, Pa	LO3-[illegible]
Tenn	John A Austin	P.O. Box 5751, Crosstown, Memphis 4, Tenn	
	FARMER ELECTRIC PRODUCTS CO., INC.	**2300 Washington St, Newton Lower Falls 62, Mass.**	**DE2-8383**
	J Farmer #2 *18 C 360-1460-1810		
Ala	Automation Equipment Co	Box 5983, Homewood Br, Birmingham 9	TR9-8764
Cal	Walter W Corman	7432 W. 80th St, Los Angeles 45, Cal	
Cal	Claude C Frantz Co	701 S. Gramercy Dr, Los Angeles 5, Cal	
Cal	Steven Enterprises	335 Redwood Ave, Unit 6, Redwood City, Cal	
Conn	Albert Bahrt	991 Pleasant St, East Weymouth, Mass	
Conn	White Sales Co	945 Great Plain Ave, Needham, Mass	
Del	Victor S Malta	801 Preston Ave, Philadelphia 18, Pa	
Ill	Edward C Hajduk	5151 N. Mulligan St, Chicago 30, Ill	
Ind	Edward C Hajduk	5151 N. Mulligan St, Chicago 30, Ill	
Ind	B C Engineering	6900 Silverton Ave, Cincinnati 36, Ohio	
Ky	B C Engineering	6900 Silverton Ave, Cincinnati 36, Ohio	
Me	Albert Bahrt	991 Pleasant St, Weymouth, Mass	
Mass	White Sales Co	945 Great Plain Ave, Needham, Mass	
Mass	Albert Bahrt	991 Pleasant St, Weymouth, Mass	
Mich	L H Dickelman Co	18450 Livernois Ave, Detroit 21, Mich	UN4-4376
Mo	Winslow Design & Sales Co	106 W. Madison Ave, Kirkwood 22, Mo	
NH	Albert Bahrt	991 Pleasant St, E. Weymouth, Mass	
NJ	Victor S Malta Co	801 Preston Ave, Philadelphia, Pa	
NJ	Jack Miller	1 Continental Ave, Forest Hills 75, NY	
NY	Jack Miller	1 Continental Ave, Forest Hills 75, NY	
NY	Bernard Fleckenstein	210 Sunnybrook Dr, Syracuse 9, NY	HO8-7813
NC	WinCo Sales Associates	3923 Randell Rd, Raleigh NC	TE4-0938
Ohio	Edmund C Frost & Co	1545 Chelmsford Rd, Mayfield Heights 24, Ohio	
Ohio	B-C Engineering Co	6900 Silverton Ave, Cincinnati 36, Ohio	
Ore	G M Gillett	1530 15th N.E., Seattle 55, Wash	
Pa	Edmund C. Frost & Co	1545 Chelmsford Rd, Mayfield Heights 24, Ohio	
Pa	Victor S, Malta Co	801 Preston Ave, Philadelphia 18, Pa	
Pa	John T Fuhrman	6822 Thomas Blvd, Pittsburgh 8, Pa	
RI	Albert Bahrt	991 Pleasant St, E., Weymouth, Mass	
RI	White Sales Co	945 Great Plain Ave, Needham, Mass	
SC	WinCo Sales Associates	3923 Randell Rd, Raleigh, NC	TE4-0938
Tenn	WinCo Sales Associates	3923 Randell Rd, Raleigh, NC	TE4-0938
Tex	Circle Industries	P.O. Box 25064, Houston 5, Tex	
Wash	G M Gillett	1530 15th N.E., Seattle 55, Wash	
W.Va	John T Fuhrman	6822 Thomas Blvd, Pittsburgh 8, Pa	
	FARR CO	**Box 90187, Airport Sta, L A 45, Cal**	**OR8-3873**
	E Williams 670		
DC	Farr Co	1101 K St, N.W., Washington 5, DC	DI7-7906
Ill	Farr Co	5423 W. Belmont Ave, Chicago 41, Ill	MU5-5770

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Mass	Farr Co	[illegible] Harvard St, Brookline 46, Mass	BE2-[illegible]
NY	Farr Co	625 Eighth Ave, New York 18, NY	PE6-7[illegible]
	FARRALL INSTRUMENT CO	**Box 658, Grand Island, Neb**	**DU4-1530**
	W Farrall #1 *4 A 895		
	FARRAND OPTICAL CO., INC	**Bronx Blvd at 238th St, New York 70, NY**	**FA4-2200**
	L Bercus #6 *194 E 885-895-1015-1210-1385		
	FARRELLOY CO	**1245 N. 26 St, Philadelphia, Pa**	**PO3-2124**
	G Donner #3 *15 D 700-1635		
	FARRINGTON ELECTRONICS INC	**7019 Edsall Rd, Alexandria, Va**	**FL4-5800**
	G Fischer #50 *300 E 338-1515		
DC	Farrington Electronics Inc	1413 K St, NW, Wash 5	
Ill	Farrington Electronics	400 N. Michigan Ave, Chicago	DE7-6963
Mass	Farrington Mfg. Co	[illegible] Center, Needham Hts 94	HI4-5000
Mich	Farrington Electronics Inc	[illegible] W. Grand Blvd, Detroit	TR3-7666
Mo	Farrington Electronics Inc	[illegible] Lindell Blvd, St. Louis 8	FR1-4440
NJ	Farrington Electronics Inc	Box 77, Middletown	OS1-2680
NY	Farrington Electronics Inc	250 Park Ave, NY 17	MU7-0452
Tex	Farrington Electronics Inc	2343 [illegible] Rd, Houston 5	JA9-7331
	FARWELL METAL FABRICATING	**87 W Fairfield Ave, St Paul 7, Minn**	**CA2-3712**
	W Morzell #7 *150 E 135-180-230-1125-1245-1390-1605		
	FARWEST MFG. DIV. INC	**209-1st Ave, S, Seattle 4, Wash**	**MA4-5656**
	#1 *5 A 190-565-595-615-895-920-1190-1290-1295-1780		
Mass	Chris R [illegible]	235 Main St, S. Acton	
	FASCO INDUSTRIES INC	**255 N. Union, Rochester 2, NY**	**NA6-1800**
	C Betten 105-1165		
Cal	Joseph Nolan	[illegible]	
Ill	David Mathews	[illegible] W. Lawrence Ave, Chicago 30, Ill	
Mo	Paul Reel	[illegible] Brentwood Blvd, St. Louis 17, Mo	
NY	Robert [illegible]	420 Lexington Ave, New York 17, NY	
Ohio	[illegible]	[illegible] Salem Ave, Dayton 6, Ohio	
Tex	Edward [illegible]	[illegible] Greenville Ave, Dallas 6, Tex	
	FAST & CO., JOHN E	**3596 N. Elston Ave, Chicago 18, Ill**	**JU8-2715**
	R Horter #25 *250 220-320		
Ariz	Shefler-Kahn Co	[illegible] E. First Ave, Phoenix, Ariz	AL8-7[illegible]
Cal	C R Lynch & Sons	[illegible] Glendale Blvd, L A	
Cal	Allen Cochrane Co	[illegible] El Camino, San Mateo	
Colo	C F L Co	1871 S. Broadway, Denver, Colo	SP7-4381
Conn	Wayne B Pehaca Inc	1787 Mass Ave, Lexington 73, Mass	VO2-7224
Del	William Drew & Co	Narberth, Pa	
DC	William Drew & Co	Narberth, Pa	
Fla	[illegible] & Assoc	PO Box [illegible], Orlando	
Ind	[illegible]	[illegible] Indianapolis, Ind	ME5-[illegible]
Iowa	Haigh Sales	[illegible] Mission, Kan	RA2-2441
Kan	Haigh Sales	[illegible] Mission, Kan	RA2-2441
Me	Wayne B Pehaca Inc	1787 Mass Ave, Lexington 73, Mass	VO2-7224
Md	William Drew & Co	Narberth, Pa	
Mass	Wayne B Pehaca, Inc	1787 Mass Ave, Lexington	
Mich	[illegible]	[illegible] Ave, Highland Park 3	TO5-7600
Minn	[illegible] Sales Co	[illegible] Milwaukee 13, Wisc	WO4-2111
Mo	Haigh Sales	[illegible] Mission, Kan	RA2-2441
Neb	Haigh Sales	[illegible] Mission, Kan	RA2-2441
NH	Wayne B Pehaca Inc	1787 Mass Ave, Lexington 73, Mass	VO2-7224
NH	Wayne B Pehaca, Inc	1787 Mass Ave, Lexington, Mass	
NJ	Leo Freed & Co	420 Lexington Ave, New York 17, NY	LE2-4771
NM	Shefler-Kahn Co	240 E. 1st Ave, Phoenix, Ariz	AL8-7093
NY	Leo Freed & Co	420 Lexington Ave, New York 17, NY	LE2-4771
Ohio	Harger-Fairfield Co	[illegible] Columbus Rd, Cleveland 13, Ohio	CH1-1018
Pa	William Drew & Co	Narberth	
RI	Wayne B Pehaca Inc	1787 Mass Ave, Lexington 73, Mass	VO2-7224
Tex	Gordon V Peck Co	[illegible] Plaza, Dallas 18, Tex	DA1-6579
Utah	C F L Co	1871 S. Broadway, Denver, Colo	SP7-4381
Vt	Wayne B Pehaca Inc	1787 Mass Ave, Lexington 73, Mass	VO2-7224
Wisc	[illegible] Sales Co	[illegible] Milwaukee 13, Wisc	WO4-2111
Wyo	C F L Co	1871 S. Broadway, Denver, Colo	SP7-4381
	FASTENER PRODUCTS INC	**239 Danbury Rd, Wilton, Conn**	
	R Finley 645		
Cal	Northwest Sales & Eng. Co	SF	EX2-9154
Conn	Northeast Eng. Co	Hamden	CH8-4461
Ill	Robert Cummings Co	Arlington Heights	CL5-0268
Mass	Northeast Eng	Danvers	SP4-3010
Minn	Forcey Machine Tool Sales Co	Mpls	CA2-1600
Pa	Riley & Ailshire Inc	Jenkintown	TU4-1700
Wash	Northwest Sales & Eng. Co	Seattle	MA2-3660
	FASTENERS INC	**198 Columbus Ave, Pittsfield, Mass**	**HI3-9105**
	645		
	FASTEX DIV ILLINOIS TOOL WKS	**195 Algonquin Rd, Des Plaines, Ill**	**CY9-2222**
	K Peters 220-285-615-645-755-770-790-795-845-1120-1205-1280-1290-1465-1485-1490-1875		
	FEAY CO., NEAL	**133 La Patera, Goleta, Cal**	**WO7-4521**
	N Rasmussen *25 B 330-895-965-1190-1245-1290-1295		
Cal	Ellena' Co	345 California St, Palo Alto, Cal	DA6-1656
	FECKER, J W DIV. AMER OPTICAL CO	**6592 Hamilton Ave, Pittsburgh 6, Pa**	**EM1-7617**
	J Kolb #50 *250 895-995-1015-1075-1150-1610		
Cal	Amer Optical Co. J W Fecker Div	1525 [illegible] St, Santa Monica	EX4-3791
Md	American Optical Co	7961 Eastern Ave, Silver Spring, Md	JU5-[illegible]
NY	American Optical Co	155 E. 44 St, New York 17, NY	MU7-4[illegible]
	FEDERAL ELECTRONIC PRODUCTS INC	**1380 Pompton Ave, Cedar Grove, NJ**	**CL6-1600**
	A Dutcher #4 *50 C 1810-1875-1915-1945		
Cal	Cassimus Co	651 Folsom St, San Francisco, Cal	GA1-5941
Cal	Cassimus Co	2703 N. Valley Blvd, Alhambra, Cal	CU3-6[illegible]
Wash	Cassimus Co	Bigelow Bldg, Seattle, Wash	MA4-2[illegible]
For	M A Robin	Anatole France, 13 Mexico 5, D.F.	20-12-19
For	Dr A Cavallini	Via Ca Cima 9, Adria (Rovigo) Italy	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	FEDERAL SCIENTIFIC CORP	**615 W 131 St, New York 27, NY**	**AU6-4400**
	A Boutross #15 *30 D 895-1610		
DC	Fred Israel Associates	1010 Vermont Ave, NW, Wash 5, DC	EX3-5991
•	**FEDERAL SCREW PRODUCTS INC**	**3917 N. Kedzie Ave, Chicago 18, Ill**	**IR8-5744**
	L Harris 125-285-300-615-770-790-925-960-1120-1205-1325-1535-1630-1780-1785-1940		
Cal	F W Moulthrop Co	1530 E. 12th St, Oakland	
Cal	Robert G Moye Co	115 S. Stoneman Ave, Alhambra, Cal	
Cal	F W Moulthrop Co	575 - 10th St, San Francisco 3, Cal	
Del	L D Shiplett	8513 Carroll Ave, Silver Spring, Md	
DC	L D Shiplett	8513 Carroll Ave, Silver Spring, Md	
Md	L D Shiplett	8513 Carroll Ave, Silver Spring	
For	Jose J Perez	Dr. Martinez del Rio 197-10, Mex, D.F.	
	FEDERAL STAMP CO	**19 High St, Boston 10, Mass**	**LI2-1336**
	H Leach *5 A 1075		
•	**FEDERAL TOOL ENGINEERING INC**	**1386 Pompton Ave, Cedar Grove, NJ**	**CL6-5300**
	R Pitye 1075-1945		
Ala	C G Notley Co	1209 Johnson Bldg, Charlotte, NC	
Cal	Cassimus Co	2703 N. Valley Blvd, Alhambra, Cal	CU3-6605
Cal	Cassimus Co	651 Folsom St, San Francisco 7, Cal	GA1-5941
Fla	C G Notley & Co., Inc	1209 Johnston Bldg, Charlotte, NC	FR6-6504
Ga	C G Notley & Co	1209 Johnston Bldg, Charlotte, NC	FR6-6504
Ill	Stanco Welder & Machinery Co	9 S. Clinton St, Chicago 6, Ill	
Ind	Central States Machinery Co. Inc	108 E Washington St, Indianapolis	
Md	C W Middlestead Co	12 [illegible] Carey St, Baltimore, Md	PL2-7899
Mich	Kilpatrick & Martin	616 Pallister Ave, Detroit 2, Mich	TR3-1400
NC	C G Notley Co	1209 Johnson Bldg, Charlotte	FR6-6504
Ohio	H L McCreary & Son	3567 E. 49th St, Cleveland 5, Ohio	BR1-1100
Pa	C W Middlestead Co	53 Long Ln, Upper Darby, Pa	GR2-2092
Canada	Weld-O-Matic Machines Ltd	519 Parkdale Ave N., Sta C, Hamilton, On	LI9-6579
	FEDERAL TOOL & MFG CO	**3600 Alabama Ave, Minneapolis 16, Minn**	**WE9-7843**
	E Skramsted *120 1120		
Ariz	Weightman & Associates	4029 Burbank Blvd, Burbank, Cal	VI9-2435
Ark	Crandall Ricker Sales Corp	1109 Paul Brown Bldg, St. Louis 1, Mo	CE1-0778
Cal	Weightman & Associates	4029 Burbank Blvd, Burbank, Cal	VI9-2435
Cal	Weightman & Associates	1436 El Camino Real, Menlo Park, Cal	DA6-3797
Colo	Geo T Cook Co	304 Midland Bldg, Kansas City 5, Mo	VI2-9678
Conn	Robert Christopher	Farmington, Conn	OR7-2287
Del	Towle & Son	402 Bethlehem Pike, Philadelphia, Pa	CH8-3233
DC	Towle & Son	402 Bethlehem Pike, Philadelphia, Pa	CH8-3233
Fla	McKnight Associates	St Petersburg 10, Fla	DI7-3101
Ill	Pattison & Field	Chicago 44, Ill	MA6-2421
Ind	A D Moore	Ch of Commerce Bldg, Indpls, Ind	ME4-6331
Iowa	C W Crouser	Kahl Bldg, Davenport, Iowa	DA7-9351
Kan	Geo T Cook Co	304 Midland Bldg, Kansas City, Mo	VI2-9678
Ky	Henry M Wood Co	920 E. McMillan St, Cincinnati, Ohio	AV1-1136
Md	Towle & Son	402 Bethlehem Pike, Philadelphia 18, Pa	CH8-3233
Mich	Gay Hall Sales	10432 W. McNichols, Detroit 21, Mich	UN4-1363
Mich	Industrial Specialties Co	300 Mt. Lebanon Blvd, Pittsburgh, Pa	FI1-4000
Minn	McGee Engineering Co	2016 N. Hirschfield, St. Paul 13, Minn	MI4-2767
Miss	J J Keras	6566 Rolling Fork Dr, Nashville, Tenn	CY7-3[illegible]
Mo	George T Cook Co	304 Midland Bldg, Kansas City 5, Mo	VI2-9678
Mo	Crandall-Ricker Sales Corp	St Louis 1, Mo	CE1-0778
Neb	George & Cook Co	304 Midland Bldg, Kansas City 5, Mo	VI2-9678
NJ	Towle & Son	402 Bethlehem Pike, Philadelphia 18, Pa	CH8-3233
NY	Gilbert L Barhm	703 Temple Bldg, Rochester, NY	HA5514
NY	Mechanical Sales Corp	Great Neck, NY	GR2-2200
Ohio	Don Volente & Associates	Toledo 13, Ohio	TU2-2830
Okla	George T Cook Co	304 Midland Bldg, Kansas City 5, Mo	VI2-9678
Pa	Towle & Son	402 Bethlehem Pike, Philadelphia 18, Pa	CH8-3233
Pa	Industrial Specialties Co	300 Mt. Lebanon Blvd, Pittsburgh, Pa	FI1-4000
RI	S J Wards	Pawtucket, RI	PA5-2854
Tenn	J J Keras	Nashville 3, Tenn	AL6-6957
Tex	Bauer Co	Fort Worth, Tex	ED6-4884
Va	Towle & Son	402 Bethlehem Pike, Philadelphia 18, Pa	CH8-3233
W. Va	Industrial Specialties Co	300 Mt. Lebanon Blvd, Pittsburgh, Pa	FI1-4000
Wisc	William Schaller	5200 W. Santa Monica Blvd, Mile 17, Wisc	BR1-2128
	FEDERATED ELECTRONICS INC	**134-23 Jamaica Ave, Jamaica 18, NY**	**JA3-5588**
	N Lazarus #3 *25 C 410-1215		
Cal	McKnight Co	1436 El Camino Real, Menlo Park	DA6-3762
Conn	Glen W Hathaway	238 Main St, Cambridge, Mass	
DC	Thomas Perrott	3305 N Pershing Dr, Arlington, Va	GA8-5561
Me	Glen Hathaway	238 Main St, Cambridge, Mass	
Mass	Glen Hathaway	238 Main St, Cambridge	
NH	Glen Hathaway	238 Main St, Cambridge, Mass	
NJ	A L Livera	4 Green Village Rd, Madison	FR7-3220
NY	D L Wilbur	572 Oakwood Av, Syracuse 5	
NY	John D Blaine	40 Main St, Port Washington	PO7-047[illegible]
RI	Glen Hathaway	238 Main St, Cambridge, Mass	
Vt	Glen Hathaway	238 Main St, Cambridge, Mass	
	FEDTRO INC	**Fed Electr Bldg, Rockville Centre, NY**	**RO6-1435**
	F Klos E 220-255-360-385-555-670-805-890-895-990-1330-1675-1730-1825		
Cal	C H Mitchell Co	13004 Ventura Blvd, Sherman Oaks, Cal	
	FEEDBACK CONTROLS INC	**8 Erie Dr, Natick, Mass**	**OL3-3441**
	D Hamilton #15 *120 E 20-325-330-360-475-875-1610		
Conn	Allison Eng Sales	61 Lee St, E Longmeadow, Mass	LA5-7065
DC	Arco Eng Co	100 16th St, NW, Wash	EX3-1796
Fla	William F Hemminger Co	624 NE 78th St, Miami	PL9-0[illegible]
Ill	Lightner Associates	[illegible] N. Milwaukee Ave, Chicago 46, Ill	SP4-1[illegible]
Kan	Design & Sales Eng Co	410 N Emporia, Wichita	HO4-2893
Md	J & H Electronic Sales Co	Box 6844, Towson	VA5-4440
Mass	Allison Eng Sales	61 Lee St, E Longmeadow	LA5-7065
Mo	Design & Sales Engineering Co	7003 Forsyth Blvd, St. Louis 5, Mo	PA1-6403
NY	Naylor Electric Co	1718 Erie Blvd E., Syracuse 3, NY	GR2-9183
Can	Electrodesign	9124 St Lawrence Blvd, Montreal	DU9-5914
For	Frazham Co	33 W 42nd St, New York 36, NY	BR9-9422
	FEILER ENGINEERING & MFG CO	**8026 N. Monticello Ave, Skokie, Ill**	**CO7-8200**
	E Tolan #6 *50 C 325		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	FELKER MFG. CO	**1120 Border Ave, Torrance, Cal**	**FA8-4784**
	F Ryan #1 *125 E 05-1950		
Conn	Wetzel Tool Corp	221 Pitkin St, E. Hartford	BU9-2748
DC	A I Robertson Co	1108 9th St, NW, Wash	NO7-4084
Ill	Commonwealth Supply Corp	115 S. Green St, Chicago	FR2-2[illegible]
Ind	E L Humston & Co	3606 N. 11, St, Indpls	WA5-9[illegible]
NJ	Falcone Eng. Inc	487 Orange St, Newark 7	HU5-[illegible]
Pa	Abrasive Cutting & Eng. Co	110 S. Keswick Ave, Glenside	TU7-2414
	FELT PRODUCTS MFG CO	**7450 N. McCormick Blvd, Skokie, Ill**	**RO1-4500**
	E Lehman #25 *450 F 620-75[illegible]-1505-1545-1940		
Cal	Batcheller, Blakely, & Knight	1515 S Grand Ave, L A	RI[illegible]
Mich	Don Crampton	19932 Livernois Ave, Detroit	UN2-3522
Ohio	Chuck Brady	80 Stewart, Mansfield	LA5-2616
	FELTERS CO	**210 South St, Boston 11, Mass**	**LI2-7021**
	R Dwyer #3 *365 F 620-625-660-1230		
Cal	Acorn Mfg Co	2517 E. Imperial Hwy, Los Angeles, Cal	LO4-1731
Cal	Taylor Felt & Supply Co	718 Mission St, San Francisco 3, Cal	
Ill	Felters Co., The	4945 W. Belmont Ave, Chicago 41, Ill	KI5-[illegible]94
Mich	Felters Co., The	8-252 General Motors Bldg, Detroit 2, Mich	TR5-1252
Mo	Felters Co., The	3602 Locust St, St Louis 3, Mo	
NY	Felters Co., The	350 Fifth Ave, New York 1, NY	LA4-2200
Pa	Felters Co., The	428 McClatchy Bldg, Upper Darby, Pa	
	FEN-TONE CORP	**106 5th Ave, NY 11, NY**	**OR5-1787**
	A Grossman 555-895-1130-1195-1270-1435-1750		
•	**FENWAL ELECTRONICS, INC**	**51 Mellen St, Framingham, Mass**	**TR2-5110**
	B Wojeski #7 *100 1135-1790		
Ala	Specialized Equipment Corp	10 N. Atlantic Ave, Cocoa Beach, Fla	[illegible]
Alaska	Seatronics Inc	1817 Norman St, Seattle 44, Wash	EA3-[illegible]
Ariz	The Carl E Holmes Co	107 North Ave 64, Los Angeles, Cal	CL6-[illegible]
Ark	Southwest Electronic Industries	The Meadows Bldg, Dallas 6, Tex	EM3-1671
Cal	The Carl E Holmes Co	107 North Ave 64, Los Angeles, Cal	CL6-[illegible]
Cal	The Carl E Holmes Co c/o McKnight Co	1436 El Camino Real, Menlo Park, Cal	DA6-3762
Colo	R E Cathey Co	1788 Fulton St, Denver 8	FR7-374[illegible]
Conn	Hathaway Electronics Inc	Doolittle Bldg, Canaan, Conn	TA4-7215
Del	CDB Enterprises, Inc	26 Haddon Ave, Camden, NJ	WO3-9164
DC	Thomas H Closs Co	21 W. Pennsylvania Ave, Towson 4, Md	VA5-4445
Fla	Specialized Equipment Corp	10 N. Atlantic Ave, Cocoa Beach, Fla	[illegible]
Ga	Specialized Equipment Corp	254 E. Paces Ferry Rd, Atlanta, Ga	CE[illegible]
Idaho	Seatronics Inc	P.O. Box 2128, Idaho Falls, Idaho	JA2-[illegible]
Ill	W E Fry & Co., Inc	6616 W Florissant Ave, St Louis 2[illegible], Mo	EV2-3[illegible]
Ill	Volco Co	215 Kahl Bldg, Davenport, Iowa	DA3-2144
Ill	Midwest Electronic Sales	3800 W. North Ave, Chicago 47, Ill	CA7-3222
Ind	Midwest Electronic Sales	3800 W. North Ave, Chicago 47, Ill	CA7-3222
Iowa	Volco Co	215 Kahl Bldg, Davenport	DA3-2144
Kan	W E Fry & Co., Inc	408 W. 34th St, Kansas City 11, Mo	JE1-5[illegible]
La	Southwest Electronic Industries	The Meadows Bldg, Dallas 6, Tex	EM3-1671
Me	Hathaway Electronics Inc	238 Main St, Cambridge, Mass	KI7-[illegible]
Md	Thomas H Closs Co	21 W. Pennsylvania Ave, Towson 4, Md	VA5-4445
Mass	Hathaway Electronics Inc	238 Main St, Cambridge, Mass	KI7-[illegible]
Mich	Gordon Hatch Co., Inc	531 W. Wisconsin Ave, Milwaukee 3, Wisc	BR1-3021
Minn	Volco Co	831 S. 6th St, Minneapolis 4, Minn	FE6-3373
Miss	Specialized Equipment Corp	10 N. Atlantic Ave, Cocoa Beach, Fla	[illegible]
Mo	W E Fry & Co., Inc	6616 W. Florissant, St. Louis 2[illegible], Mo	EV2-3[illegible]
Mo	W E Fry & Co., Inc	408 W. 34th St, Kansas City 11, Mo	JE1-5[illegible]
Mont	Seatronics Inc	1817 Norman St, Seattle 44, Wash	EA3-[illegible]
Neb	Volco Co	215 Kahl Bldg, Davenport, Iowa	DA3-2144
Nev	The Carl E Holmes Co	107 North Ave 64, Los Angeles, Cal	CL6-[illegible]
Nev	The Carl E Holmes Co	1436 El Camino Real, Menlo Park, Cal	DA6-3762
NH	Hathaway Electronics Inc	238 Main St, Cambridge, Mass	KI7-[illegible]
NJ	CDB Enterprises, Inc	26 Haddon Ave, Camden	WO3-9164
NM	R E Cathey Co	1006 Mildred NW, Albuquerque	DI4-6247
NY	CDB Enterprises	551 Broadway Ave, Hicksville, NY	WE8-8644
NY	Naylor Electric Co	1718 Erie Blvd, E., Syracuse 3, NY	GR2-9183
NC	W K Isle Co	1236 E. Morehead St, Charlotte 7, NC	FR7-5[illegible]
ND	Volco Co	831 S 6th St, Mpls 4, Minn	FE6-3373
Ohio	Earl W [illegible] Associates	36 1/2 N. State St, Westerville, Ohio	TU2-[illegible]
Okla	Southwest Electronic Industries	The Meadows Bldg, Dallas 6, Tex	EM3-1671
Ore	Seatronics Inc	1817 Norman St, Seattle 44, Wash	EA3-[illegible]
Pa	CDB Enterprises, Inc	26 Haddon Ave, Camden, NJ	WO3-9164
RI	Hathaway Electronics Inc	238 Main St, Cambridge, Mass	KI7-[illegible]
SC	W K Isle Co	1236 E. Morehead St, Charlotte 7, NC	FR7-5[illegible]
SD	Volco Co	831 S 6th St, Minneapolis 4, Minn	FE6-3373
Tenn	Specialized Equipment Corp	254 E. Paces Ferry Rd, Atlanta, Ga	CE[illegible]
Tex	Southwest Electronic Industries	3815 Richmond, Houston 27	MA3-5[illegible]
Tex	Southwest Electronic Industries	The Meadows Bldg, Dallas 6, Tex	EM3-1671
Utah	R E Cathey Co	4874 Andior Dr, Salt Lake City 17	CR8-[illegible]
Vt	Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-[illegible]
Va	Thomas H Closs Co	21 W. Pennsylvania Ave, Towson 4, Md	VA5-4445
Va	W K Isle Co	1236 E. Morehead St, Charlotte 7, NC	FR7-5[illegible]
Wash	Seatronics Inc	1817 Norman St, Seattle 44, Wash	EA3-[illegible]
Wis	Volco Co	831 S 6th St, Minneapolis 4, Minn	FE6-3373
Wisc	Gordon Hatch Co	531 W. Wisconsin Ave, Milwaukee, Wisc	BR1-3021
Wyo	R E Cathey Co	4874 Andior Dr, Salt Lake City 17, Utah	CR8-[illegible]
Foreign	Frazham Co., Inc	33 W. 42nd St, New York 36, NY	BR9-9422
	FENWAL INC	**Pleasant St, Ashland, Mass**	**TR5-6111**
	J Ruffner *650 30-895-1805		
Ala	Applebee-Church Inc	1958-A Monroe Dr, N.E., Atlanta 9, Ga	TR5-7244
Ariz	Fenwal Incorporated	111 S. Burlington Ave, Los Angeles 57, Cal	DU8-3168
Ark	Paul King Co	826 N Fulton, Tulsa, Okla	TE6-25[illegible]
Cal	Fenwal Incorporated	111 S. Burlington Ave, Los Angeles 57, Cal	DU8-31[illegible]
Cal	Belilove Co	420 Market St, San Francisco 11, Cal	YU2-3713
Colo	E & M Equipment Co	2415 Fifteenth St, Denver 11, Colo	GL5-3651
Conn	Dooren-Wright Corp	2311 Whitney Ave, Hamden	AT[illegible]
Del	J V Calhoun Co	349 Montgomery Ave, Bala-Cynwyd, Pa	[illegible]-4477
DC	Donald E Snowden	Shoreham Bldg, Washington 6, DC	DI7-57[illegible]
Fla	J J Callahan	617 Cleveland St, Clearwater, Fla	CL3-77[illegible]
Fla	Applebee-Church Inc	1958-A Monroe Dr, N.E., Atlanta 9, Ga	TR5-7244
Ga	Applebee-Church Inc	1958-A Monroe Dr, N.E., Atlanta 9, Ga	TR5-7244
Idaho	E & M Equipment Co	2415 Fifteenth St, Denver 11, Colo	GE5-3651
Ill	Fenwal Inc	5546 W North Ave, Chicago 35	TU9-[illegible]11
Ill	C B Fall Co	317 N. 11th St, St. Louis 1, Mo	CH1-24[illegible]
Ind	Fenwal Inc	5546 W North Ave, Chicago 35, Ill	TU9-[illegible]11
Ind	Couchman-Conant Inc	1400 N. Illinois St, Indianapolis, Ind	ME5-5313

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Iowa	Volco Co	831 S 6th St, Minneapolis 4, Minn	FE6-6631
Kan	C B Fall Co	11201 Longview Rd, Hickman Mills, Mo	SO1-6545
Ky	Snyder Co., The	1046 Delta Ave, Cincinnati 8, Ohio	TR1-0505
La	J P Maguire Co	3 44 Penn Ave, New Orleans 13	[illegible]
Me	Fenwal Inc	P.O.Box 126, Framingham, Mass	TR2-3526
Md	T H Closs Co	21 W. Pennsylvania Ave, Towson 4, Md	VA5-4445
Md	E E Whitaker & Son	822 Wood St, Pittsburgh 21, Pa	FR1-6220
Mass	Doonan-Wright Corp	2311 Whitney Ave. Hamden, Conn	AT8-1638
Mass	Carse Electric Corp	1044 Broadway, Albany 4, NY	HO2-5364
Mass	Fenwal Inc	P.O.Box 126, Framingham, Mass	TR2-3526
Mich	Gordon Hatch Co., Inc	531 W. Wisconsin Ave, Milw 3, Wisc	BR1-3021
Mich	Carman Adams, Inc	17360 E 8 Mile Rd. Southfield	KE8-2100
Minn	Volco Co	831 S 6th St, Minneapolis 4	FE6-6631
Miss	Appleboe-Church Inc	1958-A Monroe Dr, N.E., Atlanta 9, Ga	TR5-7244
Mo	C B Fall Co	317 N. 11th St, St. Louis 1, Mo	CH1-2433
Mo	C B Fall Co	11201 Longview Rd, Hickman Mills	SO1-6545
Mont	E & M Equipment Co	2415 Fifteenth St, Denver 11, Colo	GL5-3651
Neb	Volco Co	831 S 6th St, Minneapolis 4, Minn	FE6-6631
Nev	Bellilove Co	420 Market St, San Francisco 11, Cal	YU2-3713
Nev	Fenwal Inc	111 S. Burlington Ave, L A 57, Cal	DU8-3168
NH	Fenwal Inc	P.O.Box 126, Framingham, Mass	TR2-3526
NJ	J V Calhoun Co	349 Montgomery Ave, Bala-Cynwyd, Pa	GR3-4477
NJ	R L Faber & Associates Inc	1241 Broad St, Bloomfield, NJ	ED8-6900
NM	E & M Equipment Co	2415 Fifteenth St, Denver 11, Colo	GL5-3651
NY	Robert F Lamb Co	3407 Delaware Ave. Buffalo 17	BE3757
NY	Carse Electric Co	1044 Broadway, Albany 4, NY	HO2-5364
NY	R L Faber & Associates Inc	1241 Broad St, Bloomfield, NJ	UO4-2990
NC	W K Hile Co., Inc	1236 E Morehead St. Charlotte 7	FR7-5062
ND	Volco Co	831 S 6th St, Minneapolis 4, Minn	FE6-6631
Ohio	Anderson-Bolds Inc	2012 W. 25th St, Cleveland 13, Ohio	PR1-7112
Ohio	Snyder Co., The	1046 Delta Ave, Cincinnati 8, Ohio	TR1-0505
Ohio	Carman Adams, Inc	17360 W 8 Mile Rd. Southfield, Mich	KE8-2100
Okla	Paul King Co	826 N Fulton, Tulsa	TE6-2501
Pa	J V Calhoun Co	349 Montgomery Ave, Bala-Cynwyd, Pa	GR3-4477
Pa	Earl E Whitaker & Son	822 Wood St, Pittsburgh 21, Pa	FR1-6220
RI	Fenwal Inc	P.O. Box 126, Framingham, Mass	TR2-3526
SC	W K Hile Co, Inc	1236 E Morehead St. Charlotte 7, NC	FR7-5062
SD	Volco Co	830 S. 6th St, Minneapolis 4, Minn	FE6-3373
Tenn	Appleboe-Church, Inc	1958-A Monroe Dr NE, Atlanta 24, Ga	TR5-7244
Tex	Gay Sales Co., Assoc., The	Box 13232, Houston 19	JA9-3479
Tex	Paul King Co	826 N. Fulton, Tulsa 15, Okla	TE6-2501
Utah	E & M Equipment Co	2415 Fifteenth St, Denver 11, Colo	GL5-3651
Vt	Carse Electric Corp	1044 Broadway, Albany 4, NY	HO2-5364
Va	W K Hile Co., Inc	1236 E Morehead St. Charlotte 7, NC	FR7-5062
Va	Thomas H Closs Co	21 W. Pennsylvania Ave, Towson 4, Md	VA5-4445
W. Va	Earl E Whitaker & Son	822 Wood St, Pittsburgh 21, Pa	FR1-6220
Wis	Volco Co	831 S 6th St, Minneapolis 4, Minn	FE6-6631
Wisc	Gordon Hatch Co	531 W. Wisconsin Ave, Milwaukee, Wisc	BR1-3021
Wyo	E & M Equipment Co	2415 Fifteenth St, Denver 11, Colo	GL5-3651
	FERGUSON PERFORATING & WIRE CO	**132 Ernest St, Providence, RI**	**WI1-8876**
	R Waterman D 1100		
	FERRANTI ELECTRIC INC	**Industrial Park #1, Plainview, NY**	**WE8-7500**
	D Pacy #20 *155 F 200-338-895-990-1135-1145-1430-1735-1760-1855-1880		
Ala	J Neal & Co	3931 S.W. 5th Terr, Miami, Fla	HI4-1118
Ariz	Roland Olander & Co	6313 Santa Monica Blvd, L A 38, Cal	HO9-6313
Cal	Roland Olander & Co	6313 Santa Monica Blvd, Los Angeles	HO9-6313
Conn	Walter Jarowey Co	P.O. Box 6164, Hamden, Conn	AT8-3010
Del	North American Engineering Co	733 Fifteenth St. N.W., Washington 5, DC	EX3-0451
DC	North American Engineering Co	733 Fifteenth St. N.W., Washington 5, DC	EX3-0451
Fla	J Neal & Co	3931 S. W. 5th Terr, Miami, Fla	HI4-1118
Ga	J Neal & Co	3931 S. W. 5th Terr, Miami, Fla	HI4-1118
Ill	The Lowell Co	4124 Shawnee Terr, Skokie, Ill	OR6-2063
Kan	Zak-Cowan & Associates Inc	7739 Carondelet, St. Louis 5, Mo	PA7-8559
Me	Test Systems Inc	404 Main St, Wakefield, Mass	CH6-5566
Md	North American Engineering Co	733 Fifteenth St. N.W., Washington 5, DC	EX3-0451
Minn	Engineering Products Associates	1821 University Ave, St. Paul 4, Minn	MI6-3443
Mo	Zak-Cowan & Associates Inc	7739 Carondelet, St. Louis 5, Mo	PA7-8559
NJ	George Spinos Associates	30 Rockefeller Plaza, NYC, NY	PL7-4482
NY	Everett Sales Engineering Co	154 Plandome Rd, Manhasset, NY	MA7-7750
NY	David Laird	Box 314, E. Wood Sta, Syracuse, NY	HE7-8181
NC	J Neal & Co	3931 S. W. 5th Terr, Miami, Fla	HI4-1118
Ohio	Sid Levin & Associates	6242 Mayfield Rd, Cleveland 24, Ohio	HI2-8340
Ore	Roland Olander & Co	6313 Santa Monica Blvd, L A 38, Cal	HO9-6313
Pa	Sid Levin & Associates	6242 Mayfield Rd, Cleveland 24, Ohio	HI2-8340
Pa	George Spinos Associates	45 Kincaid Dr, Yonkers, NY	SP9-1559
SC	J Neal & Co	3931 S. W. 5th Terr, Miami, Fla	HI4-1118
Tenn	J Neal & Co	3931 S. W. 5th Terr, Miami, Fla	HI4-1118
Tex	N S Brown Associates	5862 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Va	North American Engineering Co	733 Fifteenth St, N.W., Washington 5, DC	EX3-0451
Wash	Roland Olander & Co	6313 Santa Monica Blvd, L A 38, Cal	HO9-6313
W. Va	North American Engineering Co	733 Fifteenth St, N.W., Washington 5, DC	EX3-0451
Wisc	Engineering Products Associates	1821 University Ave, St. Paul 4, Minn	MI6-3443
England	Export Sales Dept Ferranti Ltd	Hollinwood, Lancashire, England	
	FERRICORE INC	**250 South St, Newark 5, NJ**	**MI2-6860**
	S Lowenberg #5 *30 C 45-380-1085		
Cal	E W Bohn Co	6214 W Manchester Blvd. Los Angeles 45	OR0-1620
Conn	Hazen P Chase	P.O.Box 47, Holyoke, Mass	JE3-0168
Ill	Jerry Golten Co	2750 W. North Ave, Chicago, Ill	EV4-5959
Md	R B Barthill Assoc	39 W Penn Ave, Baltimore	VA5-3431
Mass	Hazen P Chase	Box 47, Holyoke	JE3-0168
NJ	Robert Murray	25 W Northfield Rd, Livingston	WY2-2520
NY	Murray Sales Co	25 W. Northfield Rd, Livingston, NJ	WY2-2520
NY	W A Franklin	2 Standish Terr, Syracuse, NY	GR-2246-1120
NY	Franklin & Andrews Sales Co	2 Standish Ter. Syracuse	
NY	Walter Murphy	Clifton, NJ	
Canada	John S Pilkens Co	52 Humbercrest Blvd, Toronto 9, Canada	
Mexico	Cimesa	Apartado 2250, Mexico 1, Mexico	
For	O R Klein	Carlos Calvo 224, Buenos Aires, Arg	
For	Industrias Commerciales, S A	Tonala 143, Mexico 7, D F	
	FERRIS INSTRUMENT CO	**110 Cornelia St, Boonton, NJ**	**DE4-0781**
	895		
	FERRO MAGNETICS CO	**989 Commercial, Palo Alto, Cal**	**DA1-5141**
	L SCHOOF #2 *23 C 320-670-1135-1855		
Cal	Mauldin Co	441 W California St. Palo Alto	DA6-5291
Cal	Elmer-Osburn Co	1124 Crenshaw Blvd. L A	WE7-1175
Ohio	Servisales	12417 Cedar Rd, Cleveland, Ohio	ER1-0054
	FERRO POWDERED METALS INC	**Box 312E, Salem, Ind**	**702**
	E Steele *110 E 670-1120		
Ill	Ferro Powdered Metals Inc	9500 W Ogden, Brookfield	HU5-7444
Mass	Associated Engineers Inc	1 Silver St, Agawam, Mass	RE4-6431
Mich	R M Richardson Co	650 N. Woodward Ave, Birmingham, Mich	MI6-2500
Mo	S K M Engineering Co	2207 Hanley Industrial Ct, St. Louis 17	HI7-2141
Ohio	Ferro Powdered Metals Inc	1231 Main Ave. Cleveland	CH1-1487
Okla	Paul Lindley	4108 E. 38th Pl, Tulsa, Okla	RI7-5949
Pa	Riley & Aleshire	615 Greenwood Ave, Jenkintown, Pa	TU4-1708
Tex	C W Loley	4116 Daley, Ft Worth 17	AT4-2632
	FERRODYNAMICS CORP	**Gregg & Rt. 17, Lodi, NJ**	**DI2-7017**
	F Kantor #4 *30 D 135-315-1450-1760		
Alaska	William R Lanphear Co	3215 Western Ave, Seattle 1, Wash	AT4-8150
Cal	I R Stein & Co	4109 Burbank Blvd. Burbank	VI9-1195
Colo	Koether-Cox Co	1325 S Inca St. Denver	
Fla	Winfield Electronics	666 NE 125 St. N Miami	
Ill	Karet-Margolin Inc	1802 W Belle Plaine Ave. Chicago	WE5-4642
Md	Chas Lienau & Co	9427 Georgia Ave. Silver Spring	JU7-5888
Mass	Robert Smith Co	59 Verndale St. Brookline	AS7-0017
Mich	Paul Kurtz Co	18212 James Couzens Hwy, Detroit	
Minn	John E M Anderson	5231 Humbolt Ave. S. Minn	TA3-6459
Mo	Carmine Vignola Assoc	PO Box 569, Jefferson City	
NY	Stang Sales Corp	271 Columbus Ave. Tuckahoe	SP9-6868
Pa	James Podolny Co	5912 Penn Ave. Pittsburgh	HI1-0800
Tex	Jack Yount	1431 Pleasant Dr. Dallas	EX1-1631
Wash	William R Lanphear Co	3215 Western Ave, Seattle 1, Wash	AT4-8150
For	Electronic Mfr Export Co	127 Grace St. Plainview, NY	WE1-3700
•	**FERROTEC INC**	**217 California St, Newton, Mass**	**DE2-7600**
	J Mann #12 *60 E 1135-1145-1585		
Ala	Chad Knowlton Assoc	2662 NE 7th St. Pompano Beach, Fla	WH1-3142
Ariz	J E Hachten Co	1135 W Huntington Dr. Arcadia, Cal	MU1-2361
Cal	J E Hachten Co	1135 W Huntington Dr. Arcadia	MU1-2361
Conn	Instrument Associates	734 Asylum Ave, Hartford 5, Conn	CH7-1165
Del	Brimberg Associates	221 Investment Bldg, Washington 5, DC	DE2-8700
DC	Brimberg Associates	221 Investment Bldg, Washington 5, DC	DE2-8700
Fla	Chad Knowlton Assoc	2662 NE 7th St. Pompano Beach	WH1-3142
Ga	Chad Knowlton Assoc	2662 NE 7th St. Pompano Beach, Fla	WH1-3142
Idah	J K Dooley Co	3215 Western Ave. Seattle 1, Wash	AT4-8313
Ill	H G Pretat, Inc	4 N Cicero Ave. Chicago 44	CO1-3146
Iowa	Engineering Services Co	1305 Oakland Gardens, Cedar Rapids	EM5-6183
Kan	Engineering Services Co	8325 E. Indianapolis, Wichita 18, Kan	MU3-3751
Ky	Southeastern Sales Co	P O Box 4103, Winston-Salem, NC	PA4-1888
Me	Instrument Associates	30 Park Ave, Arlington 70, Mass	MI8-2922
Md	Brimberg Associates	221 Investment Bldg, Washington 5, DC	DE2-8700
Mass	Instrument Associates	30 Park Ave, Arlington 70, Mass	MI8-2922
Mich	H G Pretat, Inc	4 N Cicero Ave. Chicago 44, Ill	CO1-3146
Mich	M P O'Dell Co	10531 W. McNichols Rd, Detroit 21, Mich	UN2-1573
Mo	Engineering Services Co	4605 Delmar Blvd, St. Louis 30, Mo	VO3-3660
Mont	J K Dooley Co	3215 Western Ave, Seattle 1, Wash	AT4-8313
Neb	Engineering Services Co	1305 Oakland Gardens, Cedar Rapids, Iowa	EM5-6183
Neb	Engineering Services Co	8325 E. Indianapolis, Wichita 18, Kan	MU3-3751
NH	Instrument Associates	30 Park Ave, Arlington 74, Mass	MI8-2922
NJ	Hunter & Salsbury Co	87 Broadway, Hicksville, NY	WE8-1080
NJ	Lewis Slobin & Co	2305 Fairmount Ave, Philadelphia 30, Pa	CE6-2072
NM	J E Hachten Co	1135 W Huntington Dr. Arcadia, Cal	MU1-2361
NY	D & B Associates	P.O. Box 284, DeWitt, NY	GI6-0220
NY	Hunter & Salsbury Inc	87 Broadway, Hicksville, NY	WE8-1080
NC	Southeastern Sales Co	P O Box 4103, Winston-Salem	PA4-1888
Ohio	M P Odell Co	26614 Center Ridge Rd, Westlake, Ohio	TR1-6000
Okla	Norvell Associates	3503 Lemmon Ave, Dallas 19, Tex	LA6-7861
Ore	J K Dooley Co	3215 Western Ave, Seattle 1, Wash	AT4-8313
Pa	Lewis Slobin & Co	2305 Fairmount Ave, Philadelphia 30, Pa	CE6-2072
RI	Instrument Associates	734 Asylum Ave, Hartford 5, Conn	CH7-1165
SC	Southeastern Sales Co	P O Box 4103, Winston-Salem, NC	PA4-1888
Tex	Norvell Associates	3503 Lemmon Ave, Dallas 19, Tex	LA6-7861
Vt	Instrument Associates	30 Park Ave, Arlington 74, Mass	MI8-2922
Va	Brimberg Associates	221 Investment Bldg, Washington 5, DC	DE2-8700
Wash	J K Dooley	3215 Western Ave, Seattle 1, Wash	AT4-8313
Wis	H G Pretat, Inc	4 N Cicero, Chicago 44, Ill	CO1-3146
Foreign	Dage Corp	219 E. 44th St, New York 17, NY	MU2-6755
	FERROTRAN ELECTRONICS CO., INC	**693 Broadway, New York 12, NY**	**AL4-5810**
	E Abbe #5 *15 320-338-365-670-895-915-1135-1150-1340-1455-1855-1895		
Cal	Neil Electronic Associates	Box 45734, Westchester Sta, L A, Cal	OR8-0151
Colo	Paul P Robbins & Associates	7005 Zuni St, Denver 21, Colo	HA9-2835
Mich	Hilltronics Inc	13720 Puritan Ave. Detroit 27	BR2-4320
NY	Symins Associates	550 Fifth Ave, New York, NY	JU6-7771
Wash	Placer Eng. & Sales Co	Box 453, Bellevue	GL4-5677
	FERROXCUBE CORP OF AMERICA	**125 E. Bridge St, Saugerties, NY**	**CH6-2811**
	320-380-895-1085		
Ala	James Millar Associates	P. O. Box 7116, Sta C, Atlanta, Ga	TR6-8919
Cal	Shephard-Winters Co	3193 Cahuenga Blvd. Hollywood	WE8-2996
Cal	Wm J Purdy Co	312 Seventh St, San Francisco, Cal	UN3-4321
Conn	Ray Perron & Co	36 Louis St. Trumbull	
Del	Robert L Wilkinson Inc	707 Stevenson Ln, Towson 4, Md	DR7-7800
DC	Robert L Wilkinson Inc	707 Stevenson Ln, Towson 4, Md	DR7-7800
Fla	James Millar Assoc	Box 1601, Winter Park	
Ga	James Millar Associates	P. O. Box 7116, Sta C, Atlanta, Ga	TR6-8919
Ill	Ferroxcube Corp of America	7440 W. North Ave, Elmwood Park, Ill	GL3-2494
Ill	Forristall Young Co	4053 Broadway, Kansas City, Mo	VA1-5330
Ind	Harrison J Bland Inc	5702 Cadillac Dr. Indpls	CH4-0191
Kan	Forristall Young Co	4053 Broadway, Kansas City, Mo	VA1-5330
Md	Robert L Wilkinson Inc	707 Stevenson Ln, Towson 4, Md	DR7-7800
Mass	Ray Perron & Co	1870 Centre St. Boston 32	FA3-[illegible]
Minn	Jerry Vitek	425 Third St, S.E., Cedar Rapids, Iowa	EM4-[illegible]
Miss	James Millar Associates	Box 7116, Sta C, Atlanta, Ga	TR6-8919
Mo	Forristall Young Co	6147 Delmar Blvd, St. Louis 24, Mo	PA5-7701
Neb	Forristall Young Co	6147 Delmar Blvd, St. Louis 24, Mo	PA5-7701
NY	Kaaterskill Electronics Corp	RD. 1, Box 336-C, Route 9-W, Kingston	FE8-5262
NY	Kahgan Sales Corp	1261 Broadway, NY 1	
NC	James Millar Associates	4023 Arborway, Charlotte, NC	
Ohio	Arnold Johnson	8120 Montgomery Rd. Cinc 43	LO[illegible]
Ore	Richard Legg Co	1633 N.W. 21st Ave, Portland 2, Ore	CA3-9720
Pa	Robert L Wilkinson Inc	P.O. Box 215, Glenside, Pa	HA4-8400
SC	James Millar Associates	4023 Arborway, Charlotte, NC	
Tenn	James Millar Associates	Box 7116, Sta C, Atlanta, Ga	TR6-8919
Va	R L Wilkinson Inc	Box 218, Falls Church	
Wash	Richard Legg Co	1515 6th Ave. S. Seattle 3	ME6697
Wisc	Ferroxcube Corp of America	7440 W. North Ave, Elmwood Park, Ill	GL3-2494
Canada	Rogers Elec Tubes & Comps	116 Vanderhoof Ave, Toronto 17, Ont, Canada	
	FIBERITE CORP., THE	**522 W. 4th St. Winona, Minn**	**2316**
	H Hellickson 625-660-1290		
Cal	R Rodreguez	510 S. Bond, Anaheim	PR2-5733
Cal	F Slavin	930 O'Dell Way, Los Altos	YO8-8305
Conn	E Atkinson	30 Oak Ridge Terrace, Danbury	PI8-0684
Ill	P Fina & L Paulsen	1750 Wrightwood, Chicago	GR2-4656
Mich	F Grosius	11951 Devonshire, Birmingham	MI4-5239
NJ	G Bruggemeier	Box 314, New Brunswick	VI4-2817
	FIDELITONE MICROWAVE INC	**6415 N. Ravenswood Ave. Chicago 26, Ill**	**BR4-0075**
	W Aston #12 *275 F 75-810-930-1195-1280-1510-1760-1960		
Ala	James W Crudgington	1892 Sea Isle Dr. Memphis, Tenn	MU3-3683
Alas	Marsh Agencies Inc	2601 1st Ave. Seattle 1, Wash	MA2-8761
Ariz	J W Marsh Co	4216 W. Jefferson Blvd. LA, Cal	RE2-0145
Ark	Gerald W Jenkins	1450 Serenade Ln. Dallas 16, Tex	FR6-9031
Cal	J W Marsh Co	1435 Bayshore Blvd. SF	JU7-4270
Cal	J W Marsh Co	4216 W. Jefferson Blvd. LA	RE2-0145
Colo	Ron Bowen & Assoc	721 S. Broadway, Denver 9	SH4-2501
Conn	W A Hendrickson Co	291 1st Parish Rd. Scituate, Mass	LI5-0652
Del	Wm. L Brown, Jr	6 Center St. Red Bank, NJ	SH7-2427
DC	Wm. L Brown, Jr	6 Center St. Red Bank, NJ	SH7-2427
Ga	J W Crudgington	1892 Sea Isle Dr. Memphis, Tenn	MU3-3683
Haw	J W Marsh Co	4216 W. Jefferson Blvd. LA, Cal	RE2-0145
Idah	Ron Bowen & Assoc	721 S. Broadway, Denver 9, Colo	SH4-2501
Ill	James G Franklin	5602 Radnor Rd. Indpls 26, Ind	LI7-5065
Ind	James G Franklin	5602 Radnor Rd. Indpls 26	LI7-5065
Iowa	E O Mount	1311 Rosalie St. Evanston, Ill	DA8-1311
Kan	James W Crudgington	1892 Sea Isle Dr. Memphis, Tenn	MU3-3683
Ky	James G Franklin	5602 Radnor Rd. Indpls 26, Ind	LI7-5065
La	Gerald W Jenkins	1450 Serenade Ln. Dallas 16, Tex	FR6-9031
Me	W A Hendrickson	291 1st Parish Rd. Scituate, Mass	LI5-0652
Md	Wm. L Brown, Jr	6 Center St. Red Bank, NJ	SH7-2427
Mass	W A Hendrickson Co	291 1st Parish Rd. Scituate	LI5-0652
Mich	E O Mount	1311 Rosalie St. Evanston, Ill	DA8-1311
Minn	E O Mount	1311 Rosalie St. Evanston, Ill	DA8-1311
Miss	James W Crudgington	1892 Sea Isle Dr. Memphis, Tenn	MU3-3683
Mo	James W Crudgington	1892 Sea Isle Dr. Memphis, Tenn	MU3-3683
Mont	Marsh Agencies Inc	2601 1st Ave. Seattle 1, Wash	MA2-8761
Neb	E O Mount	1311 Rosalie St. Evanston, Ill	DA8-1311
Nev	Ron Bowen & Assoc	721 S. Broadway, Denver 9, Colo	SH4-2501
NH	W A Hendrickson Co	291 1st Parish Rd. Scituate, Mass	LI5-0652
NJ	Wm. L Brown Jr	6 Center St. Red Bank	SH7-2427
NM	Bowen & Carlberg Co	2228A San Mateo Blvd. NE. Albuquerque	AM5-1579
NY	Leonard D Allen Inc	115-117 Luther Ave. Syracuse 8	GR1-3108
NC	James W Crudgington	1892 Sea Isle Dr. Memphis, Tenn	MU3-3683
ND	E O Mount	1311 Rosalie St. Evanston, Ill	DA8-1311
Ohio	James G Franklin	5602 Radnor Rd. Indpls 26, Ind	LI7-5065
Okla	Gerald W Jenkins	1450 Serenade Ln. Dallas 16, Tex	FR6-9031
Ore	Marsh Agencies Ind	2601 1st Ave. Seattle 1, Wash	MA2-8761
Pa	James G Franklin	5602 Radnor Rd. Indpls 26, Ind	LI7-5065
RI	W A Hendrickson Co	291 1st Parish Rd. Scituate, Mass	LI5-0652
SC	James W Crudgington	1892 Sea Isle Dr. Memphis, Tenn	MU3-3683
SD	E O Mount	1311 Rosalie St. Evanston, Ill	DA8-1311
Tenn	James W Crudgington	1892 Sea Isle Dr. Memphis	MU3-3683
Tex	Gerald W Jenkins	1450 Serenade Ln. Dallas 16	FR6-9031
Utah	Ron Bowen & Assoc	463 E. 3rd St. S. Salt Lake City	
Vt	W A Hendrickson Co	291 1st Parish Rd. Scituate, Mass	LI5-0652
Va	Wm. L Brown, Jr	6 Center St. Red Bank, NJ	SH7-2427
Wash	Marsh Agencies Inc	2601 1st Ave. Seattle	MA2-8761
W Va	James G Franklin	5602 Radnor Rd. Indpls 26, Ind	LI7-5065
Wis	E O Mount	1311 Rosalie St. Evanston, Ill	DA8-1311
Wyo	Ron Bowen & Assoc	721 S. Broadway, Denver 9, Colo	SH4-2501
For	Rocke Intl. Corp	13 E. 40th St. NY, NY	MU9-0200
	FIDELITY AMPLIFIER CO	**1633 N. Halsted St, Chicago 14, Ill**	**MO4-3515**
	W Martin #1 *20 B 360-895-910-990-1340-1785-1810-1915		
	FIDELITY CHEMICAL PROD CORP	**472 Frelinghuysen Ave. Newark, NJ**	**BI2-4110**
	S Lonyai #5 *500 265-290-315-1715		
Conn	Leo Kenowsky	18 Peter Ln, West Haven, Conn	
NJ	William Coleman	15 [illegible] St, [illegible], NJ	
	FIDELITY INSTRUMENT CORP	**1000 E. Boundary Ave, York, Pa**	**7675**
	L Brown #9 *90 E 338-895-1455-1460		
Cal	Western Automation Inc	653 S. Melrose, Placentia, Cal	LA8-2788
Cal	Sales Engineering Co	1775 Timothy Dr. San Leandro	LO2-1793
Conn	Charles Pierce	Box 521, Orange	SY9-[illegible]
Ill	Fidelity Inst Corp	608 S Dearborn Ave. Chicago	WA2-[illegible]
Iowa	Johnson Evans Co	[illegible]	5-5673
Me	Cirolia & Le Blanc	855 Main St, Waltham, Mass	TW3-2742
Mass	Cirolia & Le Blanc	855 Main St. Waltham	TW3-2742
NJ	Daggon & Potter	64 Woodland Dr, Summit	CR7-[illegible]
NY	Daggon & Potter	209 Ocean Dr, Stamford, Conn	FI8-2210
NY	Fidelity Instrument Corp	31 Collins Rd, Glen Cove, NY	OR6-[illegible]
NY	S E Shea	4548 Main St, Buffalo, NY	CI2743
NY	A F Zissler	3700 East Ave, Rochester 18, NY	LU6-6226
NY	H H Cardozo	217 Montgomery St, Syracuse 2, NY	GR1-[illegible]
Ohio	A H Hanson	900 Cushing Ave, Dayton	AX3-[illegible]
Pa	George Ralph	111 N. Olive St, Media, Pa	LO6-6767
Pa	Frank Ralph	P.O. Box 191, Irwin, Pa	UN3-[illegible]
Wis	Frank C DuBois	5916 Wisconsin Ave, Milwaukee	GL3-[illegible]

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	FIELD EMISSION CORP	**611 3rd St, McMinnville, Ore**	**1-2951**
	D Downing #27 *88 E 200-1200-1880		
•	**FIFTH DIMENSION INC**	**Box 483, Princeton, NJ**	
	[illegible]-1735		
•	**FILM CAPACITORS INC**	**3400 Park Ave, New York 56, NY**	**CY2-5180**
	S Lipman #3 *65 D 220-1135-1340		
Ala	Wm Jones Co	1107 Echo Court N., Towson, Md	
Ark	Fred Gross & Co	P.O.Box 1926, Dallas 2, Tex	
Cal	Pasadena/Dailey Associates	7311 Van Nuys Blvd. Van Nuys	
Cal	Pasadena/Dailey Associates	7311 Van Nuys Blvd. Van Nuys	
Conn	Henry P Segel Co	386 Washington St, Brookline, Mass	
Del	Wm Jones Co	1107 Echo Ct, N., Towson, Md	
DC	Wm Jones Co	1107 Echo Ct, N., Towson, Md	
Fla	Wm Jones Co	717 Magnolia Ave, Orlando, Fla	
Fla	T J Sharp	4130 Lincoln St, Hollywood	
Ga	Wm Jones Co	1437 Kenilworth Dr, S.W., Atlanta 10, Ga	
Ill	Lightner Associates	6322 N. Milwaukee Ave, Chicago 46, Ill	
Ind	Lightner Associates	6322 N Milwaukee Ave. Chicago 46, Ill	
Iowa	Gordon Forman Eng Co	8160 Stanford Ave. St Louis 30, Mo	
Kan	Gordon Forman Engineering Co	8160 Stanford Ave, St. Louis 30, Mo	
Ky	W M Jones Co	1107 Echo Ct N, Towson 4, Md	
La	Fred Gross & Co	P O Box 1926, Dallas 2, Tex	
Me	H P Segel Co	386 Washington St, Brookline 46, Mass	
Md	Wm Jones Co	1107 Echo Ct, N., Towson, Md	
Mass	Henry P Segel Co	386 Washington St, Brookline 46, Mass	
Mo	Gordon Forman Engineering Co	8160 Stanford Ave, St. Louis 30, Mo	
Nev	Dailey Associates	7311 Van Nuys Blvd, Van Nuys, Cal	
NH	H P Segel Co	386 Washington St, Brookline 46, Mass	
NJ	Wm Jones Co	1107 Echo Ct, N., Towson, Md	
NJ	Al Denburg	1312 Ditmars Ave, Brooklyn, NY	
NY	J P Scanlon	51 Bloomfield Pl, Rochester 20, NY	
NY	Al Denburg	1312 Ditmars Ave, Brooklyn, NY	
NC	Wm Jones Co	2107 Echo Ct, N., Towson, Md	
Ohio	Jay Engineering Co	P.O.Box 175, Sta A, Dayton 3, Ohio	
Ohio	Jay Engineering Co	5413 Pearl Rd, Cleveland, Ohio	
Ore	Geo W Meeker	414 Vance Bldg, Seattle 1, Wash	
Pa	Wm Jones Co	1107 Echo Ct, N., Towson, Md	
RI	H P Segel Co	386 Washington St, Brookline 46, Mass	
SC	Wm Jones Co	1107 Echo Ct, N., Towson, Md	
Tenn	Wm Jones Co	1107 Echo Ct, N., Towson, Md	
Tex	Fred Gross & Co	P.O.Box 1926, Dallas 2, Tex	
Vt	H P Segel Co	386 Washington St, Brookline 46, Mass	
Va	Wm Jones Co	1107 Echo Ct, N., Towson, Md	
Wash	Geo W Meeker	414 Vance Bldg, Seattle 1, Wash	
W. Va	Wm Jones Co	1107 Echo Ct, N., Towson, Md	
Canada	Electromechanical Products	Markham Rd, Agincourt, Ontario, Canada	
	FILM RESISTORS INC	**242 Ridgedale Ave, Morristown, NJ**	**JE8-2440**
	R Ringer #2 *10 110-315-338-675-885-900-1045-1115-1135-1290-1475-1890		
Fla	Chad Knowlton Assoc	2652 NE. 7th St, Pompano Beach	WH1-3142
Mass	Micronic Sales Co	25 Green St, Waltham	TW3-7000
	FILMOHM CORP	**48 W. 25 St, New York 10, NY**	**WA4-6605**
	R Lerm #4 *40 D 220-1045-1125-1135-1475		
Ariz	Carter Associates	2171 S. Hinton, Scottsdale, Ariz	WH5-2611
Cal	C W Swift Associates	P.O.Box 716, Encino, Cal	ST4-8560
Conn	W B Pray Sales	44 Washington, Wellesley Hills, Mass	CE5-3199
Ind	Callaghan-Bach Inc	2299 Losantiville Rd, Cincinnati, Ohio	RE1-8660
Ky	Callaghan-Bach Inc	2299 Losantiville Rd, Cinc 13, Ohio	RE1-8660
Mass	W B Pray Sales	44 Washington, Wellesley Hills, Mass	CE5-3199
NH	W B Pray Sales	44 Washington, Wellesley Hills, Mass	CE5-3199
NM	Carter Associates	2171 S. Hinton, Scottsdale, Ariz	WH5-2611
Ohio	Callaghan-Bach Inc	2299 Losantiville Rd, Cincinnati, Ohio	RE1-8660
RI	W B Pray Sales	44 Washington, Wellesley Hills, Mass	CE5-3199
Tex	Ammon & Champion Co	2714 Lamar St, Dallas 15	FL7-[illegible]
Vt	W B Pray Sales	44 Wash. St, Wellesley, Mass	CE5-3199
Foreign	Microwave International	36 W. 44 St, New York, NY	YU6-2738
•	**FILTORS INC**	**30 Sagamore Hill, Pt Washington, NY**	**PO7-8220**
	E Hill #25 *42 F 1490		
Ariz	Western Eng. Co	3646 N. Hatcher Rd, Phoenix	
Cal	Jackson Edwards Co	4101 Lankershim Blvd, N. Hollywood, Cal	TR7-8603
Cal	Moultrup & Hunter	185 Fifth St, San Francisco 3, Cal	UN3-[illegible]
Colo	Western Eng. Co	1515 Cleve. Pl, Denver	
Fla	Frank C Nickerson Co	P.O.Box 7913, Orlando, Fla	MU4-4413
Ga	Frank C Nickerson Co	625 Medlock Rd, Decatur, Ga	ME6-2752
Ind	Delta Sales Inc	2714 E. 52nd St, Indianapolis 5, Ind	CL1-3554
Md	B White & Co	1304 Northview Concourse, Baltimore 15	
Mass	Hear Inc	39 Highland Ave, Somerville, Mass	PR6-2262
Mich	Willard Spencer Co	20144 Livernois, Detroit 21, Mich	UN3-6189
Minn	E G Regan Inc	1436 W. Idaho Ave, St. Paul 13, Minn	MI6-6337
Mo	R W Farris Co, Inc	406 W. 34th St, Kansas City 11, Mo	PL3-5350
NJ	Sunday-O'Brien	15 Potter St, Haddonfield	HA9-[illegible]
NY	B B Taylor Corp	2270 Grand Ave, Baldwin, NY	BA3-8000
NY	Wally B Swank	2310 Brattle Ave, Syracuse 4, NY	GR8-2141
Ohio	Sheridan Associates Inc	Rossmoyne Carew Bldg, Cincinnati 37, Ohio	ME1-2460
Ohio	Sheridan Associates Inc	6363 York Rd, Cleveland 30, Ohio	TU4-8800
Ohio	Sheridan Associates Inc	4217 W. Main St, Dayton 5, Ohio	CR7-7212
Ore	Bart C Porter Co	P.O.Box 7104, Portland 12, Ore	AT4-1718
Tenn	I Rodman	Box 1047, Nashville	
Tex	Allied Components Inc	2517 Converse St, Dallas, Tex	RI2-[illegible]
Wash	Bart C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-[illegible]
Canada	Montford Engineering Co	164 Victoria St, Kitchener, Ont, Canada	SH3-[illegible]
	FILTRON CO., INC	**131-15 Fowler Ave, Flushing, NY**	**HI5-7000**
	S Perry #80 *400 220-450-670-1145-1200		
Ala	Murphy & Cota	1024 N Memorial Pkwy, Huntsville	JE6-4411
Cal	Wayne Goldie Co	PO Box 146, Grossmont	HO3-4990
Cal	Filtron Co., Inc	10023 W. Jefferson Blvd, Culver City	UP9-6274
Cal	Filtron Co., Inc	524 Industrial Way, Palo Alto, Cal	DA1-2260
Colo	Williams & Associates Inc	2263 S. Albion St, Denver, Colo	SK6-[illegible]
DC	Arco Eng Co	1000 16th St. Wash 6	EX3-5991
Fla	Murphy & Cota	2319 E South St, Orlando	GA4-2167
Haw	Don H Burcham Co	Box 2145, Honolulu 3	
Ill	GMcL Cole Co	6514 N Higgins Rd. Chicago 31	SP4-3535
Ind	Knight Engineering Corp	Box 21037, Indianapolis 44, Ind	WA3-8868
Md	Bernard White & Co	1304 Northview, Baltimore 15	LA3-7776
Mass	Eltron Engineering Sales Inc	246 Walnut St, Newtonville 60, Mass	DE2-6975
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit, Mich	BR3-2900
Minn	Edward Hoffman Co	180 N. Snelling Ave, St. Paul, Minn	MI5-4662
Mo	Zak & Assoc, Inc	7730 Carondelet, St Louis 4	PA7-8559
NM	Williams & Associates Inc	3221 Silver Ave, S.E., Albuquerque, NM	AL5-9632
NC	Murphy & Cota	1106 Burke St, Winston-Salem, NC	PA4-0750
Ohio	Filtron Co., Inc	165 E. Helena St, Dayton 4, Ohio	BA6-3587
Ore	Don H Burcham Co	510 N.W. 19th Ave, Portland 9, Ore	CA6-4178
Pa	Filtron Co, Inc	435 Bethlehem Ave. Fort Washington	MI6-5888
Tex	Lawrence Sales Co	PO Box 13026, Dallas 20	FL2-7484
Utah	Williams & Associates Inc	320 E. 4th S., Salt Lake City, Utah	EM4-6844
Canada	Aircraft Appl & Equip Ltd	585 Dixon Rd, Weston, Ont, Canada	CH4-5506
Foreign	Lindor International Corp	10 E. 40th St, New York 16, NY	MU5-6740
	FINNEY CO	**34 W. Interstate, Bedford, Ohio**	**BE2-4161**
	M Finney Jr #3 *150 E 45-500		
Ala	Thomas M Pfeiffer	3833 Lake Forest Dr NW, Atlanta 5, Ga	231-1580
Ariz	Wedge Weber Co	1217 Venice Blvd, Los Angeles 6, Cal	DU7-2111
Ark	Leonard R Smith	3700 Scranton Dr. Ft Worth 18, Tex	ED5-4511
Cal	Wedge Weber Co	1217 Venice Blvd, Los Angeles 6, Cal	DU7-2111
Conn	Larry Cole	21 Radcliffe Rd, Weston 93, Mass	CE5-3197
Del	Harold A Meyer	152 Merion Ave, Haddonfield, NJ	HA9-7792
DC	Harold A Meyer	152 Merion Ave, Haddonfield, NJ	HA9-7792
Fla	Thomas M Pfeiffer	3833 Lake Forest Dr NW, Atlanta 5, Ga	231-1580
Ga	Thomas M Pfeiffer	3833 Lake Forest Dr NW, Atlanta 5	231-1580
La	Leonard R Smith	3700 Scranton Dr. Ft Worth 18, Tex	ED5-4511
Me	Larry Cole	21 Radcliffe Rd, Weston 93, Mass	CE5-3197
Md	Harold A Meyer	152 Merion Ave, Haddonfield, NJ	HA9-7792
Mass	Larry Cole	21 Radcliffe Rd, Weston 93, Mass	CE5-3197
Miss	Thomas M Pfeiffer	3833 Lake Forest Dr NW, Atlanta 5, Ga	231-1580
Mont	Fred Haight Co	3211 E. Lake Ave, Seattle 2, Wash	EA1818
NH	Larry Cole	21 Radcliffe Rd, Weston 93, Mass	CE5-3197
NJ	Murray Director	115-62 237 St, Elmont, NY	CU5-6823
NM	Leonard R Smith	3700 Scranton Dr. Ft Worth 18, Tex	ED5-4511
NY	Murray Director	115-62 237 St, Elmont, NY	CU5-6823
NC	Thomas M Pfeiffer	3833 Lake Forest Dr. NW, Atlanta 5, Ga	231-1580
Ohio	Sid Levin & Associates	6252 Mayfield Rd, Cleveland 24, Ohio	HI2-8340
Okla	Leonard R Smith	3700 Scranton Dr. Ft Worth 18, Tex	ED5-4511
Ore	Fred Haight Co	3211 E. Lake Ave, Seattle 2, Wash	EA1818
Pa	Sid Levin & Associates	6252 Mayfield Rd, Cleveland 24, Ohio	HI2-8340
Pa	H A Meyer	152 Merion Ave, Haddonfield, NJ	HA9-7792
RI	Larry Cole	21 Radcliffe Rd, Weston 93, Mass	CE5-3197
SC	Leonard R Smith	3700 Scranton Dr. Ft Worth 18, Tex	ED5-4511
Tenn	Thomas M Pfeiffer	3833 Lake Forest Dr NW, Atlanta 5, Ga	231-1580
Tex	Leonard R Smith	3700 Scranton Dr. Ft Worth 18	ED5-4511
Vt	Larry Cole	21 Radcliffe Rd, Weston 93, Mass	CE5-3197
Wash	Fred Haight Co	3211 E. Lake Ave, Seattle 2, Wash	EA1818
W.Va	Sid Levin & Associates	6252 Mayfield Rd, Cleveland 24, Ohio	HI2-8340
For	Roburn Agencies	431 Greenwich St. New York 13, NY	WO6-2130
	FINN-JASKE CO	**719 Sycamore St, Cincinnati, Ohio**	**MA1-2532**
	1755		
	FIRTH STERLING INC	**3113 Forbes Ave, Pittsburgh, Pa**	**MU2-4600**
	J Stokes *1,580 G 1120-1125		
Ala	Firth Sterling Inc	1824 Huntsville Rd, Birmingham 1, Ala	FA4-0627
Cal	Firth Sterling Inc	2900 S. Vail Ave, Los Angeles 22, Cal	RA3-8736
Conn	Firth Sterling Inc	25 Talcott Rd, W. Hartford 10, Conn	JA3-5266
Ill	Firth Sterling Inc	3415 N. Ave, Melrose Park, Ill	FI4-5510
Mich	Firth Sterling Inc	6330 W. Chicago Blvd, Detroit 4, Mich	WE3-1023
NJ	Firth Sterling Inc	221 Sheffield St, Mountainside, NJ	AD2-7710
Ohio	Firth Sterling Inc	2601 St. Clair Ave, Cleveland 14, Ohio	TO1-5150
Ohio	Firth Sterling Inc	137 N. Main St, Dayton, Ohio	BA3-4251
Tex	Firth Sterling Inc	829 S. 75th St, Houston, Tex	WA1-2137
Canada	Firth Sterling (Canada) Ltd	43 Spaulding Dr, Brantford, Ontario, Can	PL2-6820
	FISCHER & PORTER CO	**476 Warminster Rd, Warminster, Pa**	**OS5-6000**
	***1100 F 75-233-338-360-895-1245-1385-1890**		
Alaska	du Alaska Co	340 I St, N. 40, Anchorage, Alaska	BR8-3635
Ariz	Central Station Equipment Co	2323 Aviation Hwy, Tucson, Ariz	MA3-2493
Cal	Fischer & Porter Co	190 Orangethorpe Ave, Anaheim, Cal	LA6-7741
Cal	Fischer & Porter Co	5010 Woodminster Ln, Oakland 2, Cal	AN1-8704
Colo	Fischer & Porter Co	2133 S. Bellaire, 7, Denver 22, Colo	SK6-7240
Del	Fischer & Porter Co	2011 Concord Pike, Wilmington 3, Del	OL4-4431
Fla	F&P	1152 Cleveland Ave, Clearwater, Fla	CL37-539
Fla	Fischer & Porter Co	P.O. Box 8132, Jacksonville 11, Fla	RA4-1250
Fla	Thompson Equipment Co	1100 Barrancas Ave, Pensacola, Fla	GL6-1612
Ga	Fischer & Porter Co	674 N. Highland Ave, Atlanta 6, Ga	TR3-1391
Ill	Fischer & Porter Co	1205 S. 9th St, Maywood, Ill	FI5-2003
Ind	F&P	5110 Renwick Rd, Indpls, Ind	VI6-2172
La	Thompson Equipment Co	655 Carrollton Ave, Baton Rouge 2, La	WA4-2177
La	Thompson Equipment Co	P.O. Box 13863, New Orleans 25, La	MA3935-86
Md	F&P	7307 York Rd, Towson, Md	VA5-2967
Mass	Fischer & Porter Co	1233 Highland Ave, Needham 92, Mass	HI4-5751
Mich	F&P	371 W Alvin Rd, Detroit, Mich	FO6-8880
Mich	F&P	770 W Michigan Ave, Kalamazoo, Mich	FI9-3811
Mich	Fischer & Porter Co	22750 Woodward Ave, Detroit 20, Mich	LI5-3452
Minn	DAVCO Inc	830 Cromwell, St. Paul 14, Minn	MI6-2671
Mo	Durkin Equipment Co	3010 N Lindbergh St, Ann, Mo	PE1-0100
Mo	Durkin Equipment Co	406 W 34th St, Kansas City, Mo	VA1-4450
Mont	Archibald Co., The	P.O. Box 735, Butte, Mont	8075
NM	Technical Services Co., Inc	500 Coal Ave, S.E., Albuquerque, NM	CH7-4933
NY	Fischer & Porter Co	1621 Central Ave, Albany 5, NY	UN9-8471
NY	Fischer & Porter Co	2090 Sheridan Dr, Buffalo 23, NY	VI7566
NY	Fischer & Porter Co	141 Main St, Clifton, NJ	OX5-0494
NC	Fischer & Porter Co	823 Professional Bldg, Charlotte 2, NC	FR7-6146
Ohio	Fischer & Porter Co	3729 Lee Rd, Cleveland 20, Ohio	SK2-1570
Ohio	Fischer & Porter Co	Rossmoyne Carew Bldg, Cincinnati 37, Ohio	JE1-3835
Okla	Fischer & Porter Co	3216 E. 21st St, Tulsa, Okla	WE2-3171
Ore	Martign Inc	5741 N. E., Glisan St, Portland 13, Ore	BE2-1949
Pa	Fischer & Porter Co	Sixth & Fayette Sts, Conshohocken, Pa	TA8-2464
Pa	Fischer & Porter Co	3017 California Ave, Pittsburgh 21, Pa	PO6-7833
Tenn	F&P	112 Regina Rd, Oak Ridge, Tenn	OA5-1381
Tenn	F&P	1706 Grewell Rd, Memphis, Tenn	GL2-7366
Tex	Delta Equipment Co	1812 Montana Rd, El Paso, Tex	KE3-0113
Tex	Fischer & Porter Co	4611 Insurance Ln, Dallas 5, Tex	LA6-3369
Utah	F&P	P.O. Box 22067, Houston, Tex	MO7-9191
Utah	Wayne Triscott Co	Box 15, Sugarhouse Sta, Salt Lake City	EL5-3963
Va	Fischer & Porter Co	5407 Farmington Dr, Richmond 29, Va	AT2-4534
W Va	F&P	1117 Nelson Bldg, Charleston, W Va	DI3-7514
Wis	F&P	5656 N Pt Washington Rd, Milwaukee	WO4-0680
Foreign	Mfg affiliates throughout the world		
	FISCHER & CO., R A	**517 Commercial St. Glendale 3, Cal**	**CH5-2744**
	R Fischer *30 A 485		
Pa	Haber Inc	2243 Chestnut St, Phila 3	
	FISCHER SPECIAL MFG CO	**446 Morgan St, Cincinnati 6, Ohio**	**WO1-1200**
	R Payne #1 *60 E 1285		
Ala	Verne Bennett	546 Hillside Dr NW, Atlanta 5, Ga	CE7-6726
Ariz	R J Sargent	2728 Supply Ave, Los Angeles 22, Cal	RA3-9616
Ark	W H Kreer	3925 Greenbrier Dr, Dallas 25, Tex	EM1-4518
Cal	R J Sargent	2728 Supply Ave, Los Angeles 22, Cal	RA3-9616
Conn	C D Williams & Chas E Nagel	20 Church St, Montclair, NJ	PL6-3535
Del	Harold J Nugent	517 Swede St, Norristown, Pa	BR2-1955
Fla	Verne Bennett	546 Hillside Dr NW, Atlanta 5, Ga	CE7-6726
Ga	Verne Bennett	546 Hillside Dr NW, Atlanta 5, Ga	CE7-6726
Idah	Roy Hollibaugh	333 SW Gaines St, Portland 1, Ore	CA6-6559
Ill	J K Blakeslee	5730 N Western Ave, Chicago 45, Ill	LO1-3669
Ind	G E Hayden	330 S High St, Muncie, Ind	AT4-1671
Iowa	J K Blakeslee	5730 N Western Ave, Chicago 45, Ill	LO1-3669
Kan	Ben Gerner	569 Melville, St Louis 30, Mo	PA7-7550
La	W H Kreer	3925 Greenbrier Drive, Dallas 25, Tex	EM1-4518
Me	David M Rowley	Box 131, W Roxbury, Boston 32, Mass	FA3-1173
Md	Harold J Nugent	547 Swede St, Norristown, Pa	BR2-1955
Mich	R Grey Firth	2721 Monroe Ave, Dearborn, Mich	LO5-0615
Minn	J K Blakeslee	5730 N Western Ave, Chicago 45, Ill	LO1-3669
Miss	Verne Bennett	546 Hillside Dr NW, Atlanta 5, Ga	CE7-6726
Mo	Ben Gerner	569 Melville, St Louis 30, Mo	PA7-7550
Mont	Chas Pacher	422 First Ave N, Seattle, Wash	AT4-1880
NH	David M Rowley	Box 131, W Roxbury, Boston 32, Mass	FA3-1173
NJ	C D Williams	20 Church St, Montclair, NJ	PL6-3535
NJ	Harold J Nugent	547 Swede St, Norristown, Pa	BR2-1955
NY	C D Williams	20 Church St, Montclair, NJ	PL6-3535
NY	Frank M Wilson	2164 S Park Ave, Buffalo 20, NY	TR-9361
NC	Verne Bennett	546 Hillside Dr NW, Atlanta 5, Ga	CE7-6726
Ohio	Donald E Williams	Box 122, Medina, Ohio	PA2-4238
Okla	W H Kreer	3925 Greenbrier Dr, Dallas 25, Tex	EM1-4518
Ore	Roy Hollibaugh	335 SW Gaines St, Portland 1, Ore	CA6-6559
Pa	Harold J Nugent	547 Swede St, Norristown, Pa	BR2-1955
Pa	Donald E Williams	Box 122, Medina, Ohio	PA2-4238
RI	David M Rowley	Box 131, W Roxbury, Boston 32, Mass	FA3-1173
SC	Verne Bennett	546 Hillside Dr NW, Atlanta 5, Ga	CE7-6726
Tenn	Verne Bennett	546 Hillside Dr NW, Atlanta 5, Ga	CE7-6726
Tex	W H Kreer	3925 Greenbrier Dr, Dallas 25, Tex	EM1-4518
Vt	David M Rowley	B 131, W Roxbury, Boston 32, Mass	FA3-1173
Va	Verne Bennett	546 Hillside Dr NW, Atlanta 5, Ga	CE7-6726
Wash	Chas Pacher	422 First Ave N, Seattle, Wash	AT4-1880
Wisc	J K Blakeslee	5730 N Western Ave, Chicago 45, Ill	LO1-3669
	FISH-SCHURMAN CORP	**70 Portman Rd, New Rochelle, NY**	**NE6-1300**
	#1 *42 05-315-660-900-1015-1890		
	FISHER BERKELEY CORP	**1475 Powell St. Emeryville 8, Cal**	**OL5-9696**
	L Raymont #3 *25 D 40-910		
Ala	Robert G Thomas	1404 Linda Vista Ln. Birmingham 9	LY2-4715
Alas	Samuel N Stroum Co	621 Michigan, Seattle 22, Wash	EA3-6117
Ariz	Jon Norbert	P O Box 1324, Tucson	EA5-[illegible]
Ark	Macrae Smith Co	P O Box 35113, Dallas 35, Tex	BL3-2006
Cal	Koessler Sales Co	[illegible] N. Fairfax, Los Angeles, Cal	OL3-[illegible]
Conn	Paul W Nief	15 Oak St, Westport, Conn	
Del	Brendan C O'Hara	4952 Wynnefield Ave, Philadelphia 31, Pa	GR3-3654
DC	Brendan C O'Hara	4952 Wynnefield Ave, Philadelphia 31, Pa	GR3-3654
Fla	Maurice J Hilton	1105 NE 200th St, North Miami Beach	
Ga	Robert G Thomas	1404 Linda Vista Ln, Birmingham 9, Ala	LY2-4715
Idah	Samuel N Stroum Co	621 Michigan, Seattle 22, Wash	EA3-6117
Ill	William Doyle Co	2900 W. Touhy Ave, Chicago 45, Ill	BR4-6885
Iowa	Arthur K Elliott Co	211 Westport Rd, Kansas City 11, Mo	LO1-5594
Kan	Arthur K Elliott Co	211 Westport Rd, Kansas City 11, Mo	LO1-5594
Ky	John O Olsen Co	15201 Shaker Blvd, Cleveland 20, Ohio	SK2-5944
La	Macrae Smith Co	P O Box 35113, Dallas 35, Tex	BL3-2006
Me	Paul W Nief	15 Oak St, Westport, Conn	
Md	Brendan C O'Hara	4952 Wynnefield Ave, Philadelphia 31, Pa	GR3-3654
Mass	Paul W Nief	15 Oak St, Westport, Conn	
Mich	Grant Shaffer Co	14241 Fenkell Ave, Detroit 27, Mich	BR3-6150
Minn	Clark R Gibb Co	2400 Hennepin Ave, Minneapolis 5, Minn	FR7-1200
Miss	Robert G Thomas	1404 Linda Vista Ln. Birmingham 9, Ala	LY2-4715
Mo	Arthur K Elliott Co	211 Westport Rd, Kansas City 11, Mo	LO1-5594
Neb	Arthur K Elliott Co	211 Westport Rd, Kansas City 11, Mo	LO1-5594
NJ	Paul W Nief	15 Oak St, Westport, Conn	
NM	Jon Norbert	P O Box 1324, Tucson, Ariz	EA5-[illegible]
NC	Robert G Thomas	1404 Linda Vista Ln. Birmingham 9, Ala	LY2-4715
ND	Clark R Gibb Co	2400 Hennepin Ave, Minneapolis 5, Minn	FR7-1200
Ohio	D C Bruce	7470 Jolain Dr, Cincinnati 42, Ohio	TW1-6140
Okla	Macrae Smith Co	P O Box 35113, Dallas 35, Tex	BL3-2006
Ore	Samuel N Stroum Co	621 Michigan, Seattle 22, Wash	EA3-6117
Pa	Brendan C O'Hara	4952 Wynnefield Ave, Philadelphia 31, Pa	GR3-3654
Pa	Richard A Stone	1802 Meyran St, Pittsburgh 16, Pa	FI1-[illegible]
RI	Paul W Nief	15 Oak St, Westport, Conn	
SC	Robert G Thomas	1404 Linda Vista Ln. Birmingham 9, Ala	LY2-4715
SD	Clark R Gibb Co	2400 Hennepin Ave, Minneapolis 5, Minn	FR7-1200
Tenn	Robert G Thomas	1404 Linda Vista Ln. Birmingham 9, Ala	LY2-4715
Tex	Macrae Smith Co	P O Box 35113, Dallas 35	BL3-2006
Vt	Paul W Nief	15 Oak St, Westport, Conn	
Wash	Samuel N Stroum Co	621 Michigan, Seattle 22	EA3-6117
W. Va	John O Olsen Co	15201 Shaker Blvd, Cleveland 20, Ohio	SK2-5944
Wisc	William Doyle Co	2900 W. Touhy Ave, Chicago 45, Ill	BR4-6885
Canada	R C Kennett Sales Ltd	73 Crockford Blvd, Scarborough, Ontario	PL7-5171
Canada	D Elmer McLennan Ltd	1524 W Third Ave, Vancouver 9, Can	BA2898
	FISHER & CROWE	**107 N. Camac St, Philadelphia 7, Pa**	**LO4-5054**
	525-595-660-715-895-1190-1245-1290-1295-1785-1940		
	FISHER-PIERCE CO., THE	**170 Pearl St, S. Braintree 85, Mass**	**VI3-5000**
	360		
Ala	Walter W Wildeman	3130 Piedmont Rd N.E., Atlanta, Ga	CE4-[illegible]

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ariz	Maydwell & Hartzell Inc	P.O. Box 3386, Phoenix, Ariz	AL3-9595
Ark	Mark Hartman	4411 N. Miller, Oklahoma City, Okla	WI6-7336
Cal	Maydwell & Hartzell Inc	427 W. Fifth St, Los Angeles 13, Cal	MA8-7245
Cal	Maydwell & Hartzell Inc	870 Tennessee St, San Francisco 7, Cal	AT8-6900
Colo	Allen I Williams Co	2263 S. Albion St, Denver 22, Colo	SK6-9403
Conn	Alva D Stein Inc	250 Stuart St, Boston 16, Mass	HA6-7272
Del	A L O'Brien Sales Co	50 N. Franklin Tnpk, Ho-Ho-Kus, NJ	OL2-2900
Fla	Walter W Wildeman	3131 Piedmont Rd, N.E., Atlanta, Ga	CE3-5972
Ga	Walter W Wildeman	3131 Piedmont Rd, N.E., Atlanta, Ga	CE3-5972
Idaho	Oscar Hagenson Co	95 Connecticut St, Seattle 4, Wash	MA2-0737
Idaho	Allen I Williams Co	2263 S. Albion St, Denver 22, Colo	SK6-9403
Ill	J M Livingston Inc	30 N. LaSalle St, Chicago 2, Ill	DE3616
Ill	Williams & McKinley Sales Co	417 Grand Ave, Kansas City, Mo	GR1-1776
Iowa	Dolan-Feldhaus Co	5 W. Lake St, Minneapolis, Minn	TA7-2613
Kan	Allen I Williams Co	2263 S. Albion St, Denver 22, Colo	SK6-9403
Kan	Williams & McKinley Sales Co	417 Grand Ave, Kansas City, Mo	GR1-1176
Ky	Joy G Gates	2430 Central Pkwy, Cincinnati 14, Ohio	CH1-3282
La	Lyman C Reed Inc	P.O. Box 19466, New Orleans, La	GA3106
Me	Alva D Stein Inc	250 Stuart St, Boston 16, Mass	HA6-7272
Md	A L O'Brien Sales Co	50 N. Franklin Tnpk, Ho-Ho-Kus, NJ	OL2-2900
Mass	Alva D Stein Inc	250 Stuart St, Boston 16, Mass	HA6-7272
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit 35, Mich	BR3-2900
Minn	Dolan-Feldhaus Co	5 W. Lake St, Minneapolis, Minn	TA7-2613
Miss	Lyman Winn	1677 E. Beard Pl, Memphis 12, Tenn	BR6-2317
Miss	Lyman C Reed Inc	P.O. Box 19466, New Orleans 19, La	GA3106
Mo	Williams & McKinley Sales Co	417 Grand Ave, Kansas City, Mo	GR1-1776
Mont	J A Tudor Associates	1004 S.E., Belmont St, Portland 14, Ore	BE2-1188
Neb	Allen I Williams Co	2253 S. Albion St, Denver 22, Colo	SK6-9403
Nev	Maydwell & Hartzell Inc	870 Tennessee St, San Francisco 7, Cal	AT8-6900
NH	Alva D Stein Inc	250 Stuart St, Boston 16, Mass	HA6-7272
NJ	A L O'Brien Sales Co	50 N. Franklin Tnpk, Ho-Ho-Kus, NJ	OL2-2900
NM	Allen I Williams Co	3221 Silver Ave, S.E., Albuquerque, NM	AL5-9632
NY	H C Johnson Agencies		
NY	A L O'Brien Sales Co	50 N. Franklin Tnpk, Ho-Ho-Kus, NJ	OL2-2900
NC	Glenn & Larson	1321 E. Morehead St, Charlotte 3, NC	ED4-3934
ND	Dolan-Feldhaus Co	5 W. Lake St, Minneapolis, Minn	TA7-2613
Ohio	K R Dodge Co	19850 Lake Shore Blvd, Cleveland 19, Ohio	IV1-6383
Ohio	Joy G Gates	2430 Central Pkwy, Cincinnati 14, Ohio	CH1-3282
Okla	L R Ward Co	3009-11 Canton St, Dallas 26, Tex	RI1-9004
Ore	J A Tudor Associates	1004 S.E. Belmont St, Portland 14, Ore	BE2-1188
Pa	Anderson Connector Corp	P.O. Box 10961, Pittsburgh Pa	HO2-5600
Pa	A L O'Brien Sales Co	50 N. Franklin Tnpk, Ho-Ho-Kus, NJ	OL2-2900
RI	Alva D Stein Inc	250 Stuart St, Boston 16, Mass	HA6-7272
SC	Glenn & Larson	1321 E. Morehead St, Charlotte 3, NC	ED4-3934
SD	Dolan-Feldhaus Co	5 W. Lake St, Minneapolis, Minn	TA7-2613
Tenn	Lyman Winn	1677 E. Beard Pl, Memphis 12, Tenn	BR6-2317
Tenn	Walter W Wildeman	3131 Piedmont Rd, N.E., Atlanta, Ga	CE3-5972
Tex	L R Ward Co	3009-11 Canton St. Dallas 26	RI1-9004
Utah	Allen I Williams	2263 S. Albion St, Denver 22, Colo	SK6-9403
Vt	Alva D Stein Inc	250 Stuart St, Boston 16, Mass	HA6-7272
Wash	Oscar Hagenson Co	95 Connecticut St, Seattle 4, Wash	MA2-0737
W. Va	Anderson Connector Corp	P.O. Box 10961, Pittsburgh, Pa	HO2-5600
Wisc	Dolan-Feldhaus Co	5 W. Lake St, Minneapolis, Minn	TA7-2613
Wisc	J M Livingston Inc	30 N. LaSalle St, Chicago 2, Ill	DE3616
Wyo	Allen I Williams Co	2263 S. Albion St, Denver 22, Colo	SK6-9403
Canada	Filler-Smith Machinery Co	Central Life Bldg, Winnipeg	WH2-3175
Canada	Amalgamated Engrg Ser Ltd	892 E. Cordova St, Vancouver 4, BC	MU3-5344
	FISHER SCIENTIFIC CO	**713 Forbes Ave. Pittsburgh 19, Pa**	**EX1-1330**
	P Schweibinz #20 *1500 G 895-1125-1375		
Ill	Fisher Scientific Co	1458 N Lamon Ave. Chicago 51	CO1-1221
La	Fisher Scientific Co	4543 N Blvd. Baton Rouge	DI8-3616
Md	Fisher Scientific Co	7722 Woodbury Dr. Silver Spring	JU7-7000
Mass	Fisher Scientific Co	461 Riverside Ave. Medford 55	EX5-7800
Mich	Fisher Scientific Co	731 Lafayette Bldg. Detroit 26	WO1-9711
Minn	Fisher Scientific Co	1419 Willow St. Minneapolis 3	FE9-0817
Mo	Fisher Scientific Co	2850 S Jefferson Ave. St Louis 18	MO4-2624
NY	Fisher Scientific Co	633 Greenwich St. New York 14	WA4-7200
NY	Fisher Scientific Co	120 Delaware Ave. Buffalo 2	TL 4-5303
Ohio	Fisher Scientific Co	3537 Epley Rd. Cincinnati 39	
Ohio	Fisher Scientific Co	1945 E. 97th St, Cleveland, Ohio	UA1-8511
Pa	Fisher Scientific Co	Gulph Rd. King of Prussia	265-0500
Tex	Fisher Scientific Co	4102 Greenbriar Dr. Houston 6	JA3-6605
Tex	Fisher Scientific Co	2920 Shotts St. Ft Worth 1	ED6-2518
Tex	Fisher Scientific Co	W 27th & Westover St. Odessa	
W. Va	Fisher Scientific Co	Quarrier St Bldg, Charleston 1, W. Va	DI3-0671
Can	Fisher Scientific Co, Ltd	8555 Devonshire Rd. Montreal 9, Que	RI8-8711
	FITCHBURG ENGINEERING CORP	**Cleghorn St, Fitchburg, Mass**	**DI3-7416**
	G Arthur #11 *77 F 1075		
Ariz	Semiconductor Supply & Equip Co	7046 Hollywood Blvd, Hollywood 28, Cal	HO4-4992
Cal	Semiconductor Supply & Equip Co	7046 Hollywood Blvd, Hollywood 28, Cal	HO4-4992
Colo	Semiconductor Supply & Equip Co	7046 Hollywood Blvd, Hollywood 28, Cal	HO4-4992
NM	Semiconductor Supply & Equip Co	7046 Hollywood Blvd, Hollywood 28, Cal	HO4-4992
Tex	Semiconductor Supply & Equip Co	7046 Hollywood Blvd, Hollywood 28, Cal	HO4-4992
Utah	Semiconductor Supply & Equip Co	7046 Hollywood Blvd, Hollywood 28, Cal	HO4-4992
	FIVE STAR CO., INC	**10 W. Main St, Plantsville, Conn**	**MA8-5561**
	R Derwignei #4 *150 320-1460		
	FLAME RESEARCH INC	**Box 10502, Pittsburgh 35, Pa**	**CH2-3415**
	E Manton #20 *30 A 338-340-775-885-895		
	FLEETWOOD LABORATORIES INC	**300 Victory Blvd, New Rochelle, NY**	**BE5-0831**
	#2 *4 A 895		
Minn	Engineering Products Associates	1821 University Ave, St. Paul, Minn	
NJ	Central Associates	44 N. Dean St, Englewood, NJ	
NY	Central Associates	44 N. Dean St, Englewood, NJ	
Pa	C E Snow Co	919 N. Phil-Ellena St, Philadelphia, Pa	
	FLEX PRODUCTS CORP	**229E Meadow Rd. Rutherford, NJ**	**WE3-3030**
	D Sher 135-1220-1290		
Ariz	E H Southwell Co	5975 S. Western Ave. LA 47, Cal	PL3-2111
Cal	E H Southwell Co	5975 S. Western Ave. LA 47	PL3-2111
Mich	Charles E Cummisky & Assoc	15324 Mack Ave. Detroit 24	TU5-6635
Nev	E H Southwell Co	5975 S. Western Ave. LA 47, Cal	PL3-2111
	FLEXAUST CO., THE	**100 Park Ave, New York 17, NY**	**OR9-1300**
	T May #5 *60 E 545-1085		
Colo	E N Murray	1531 Denver Club Bldg. Denver	AL5-0533
Ga	C A Dright	P O Box 12021, Atlanta	CE7-8870
Ill	S J Stanfield	427 S 4th St. Geneva	CE2-0255
La	W Evans	1106 St. Thomas St, New Orleans 13, La	JA5-1425
Mich	Loya Co., The	3266 Rickman Ave, Grand Rapids 5, Mich	RI2-3616
NY	G R Templeton	342 Caroline St, Rochester 20, NY	HI5-3404
Tex	R D Chapman	4367 Fiesta Lane, Houston, Tex	JA4-3486
	FLEXO INTERNATIONAL CORP	**3720 N. Milwaukee Ave, Chicago 41, Ill**	**KI5-6609**
	A Nettenberg #2 *75 E 525-990-1705		
	FLEXONICS CORP, SUB CALUMET HECLA, INC	**450 E Devon Ave. Bartlett, Ill**	**TE7-1811**
	L Callee #150 *750 G 80-1885		
Ala	Flexonics Corp	Meadows Bldg. Dallas 6, Tex	EM8-2831
Alas	Flexonics Corp	Bieglow Bldg. Seattle, Wash	MA3-2090
Ariz	Flexonics Corp	1818 W Chapman, Orange, Cal	KE2-5121
Ark	Flexonics Corp	Meadows Bldg. Dallas 6, Tex	EM8-2831
Cal	Flexonics Corp	1818 W Chapman, Orange	KE2-5121
Conn	Flexonics Corp	860 Park Ave. Bloomfield	CH2-8070
Del	Flexonics Corp	18 W Chelten, Philadelphia 44, Pa	VI 3-1202
DC	Flexonics Corp	107 York Rd. Towson 4, Md	VA5-6767
Fla	Flexonics Corp	11534 North Side Sta, Atlanta 5, Ga	CE7-9754
Fla	Flexonics Corp	267 E Paces Ferry Rd NE, Atlanta 5, Ga	CE7-1494
Ga	Flexonics Corp	267 E Paces Ferry Rd NE, Atlanta 5	CE7-1494
Haw	Flexonics Corp	1818 W Chapman, Orange, Cal	KE2-5121
Idaho	Sales Mart	1485 Bayshore Blvd, San Francisco 24, Cal	DE 3-0573
Kan	Flexonics Corp	8930 Craigshurst Ter. Crestwood 26, Mo	VI3-7535
Ky	Flexonics Corp	1717 Section Rd, Cincinnati, Ohio	RE1-8280
La	Flexonics Corp	Meadows Bldg. Dallas 6, Tex	EM8-2831
Me	Flexonics Corp	10 High St, Boston 10, Mass	HA6-0952
Md	Flexonics Corp	107 York Rd. Towson 4	VA5-6767
Mass	Flexonics Corp	10 High St, Boston 10, Mass	HA6-0952
Mich	Flexonics Corp	20262 Sherwood Ave. Detroit 34	FO6-7100
Miss	Flexonics Corp	Meadows Bldg. Dallas 6, Tex	EM8-2831
Mo	Flexonics Corp	1015 Walnut St. Kansas City 6	NI2-4175
Mont	Flexonics Corp	2333 W Wells, Milwaukee 3, Wis	HO4-4120
Nev	Flexonics Corp	1485 Bayshore Blvd, San Francisco 24, Cal	DE3-0573
NH	Flexonics Corp	10 High St, Boston, Mass	HA6-0952
NJ	Flexonics Corp	1143-45 E Jersey St. Elizabeth	EL4-6500
NM	Flexonics Corp	Meadows Bldg. Dallas 6, Tex	EM8-2831
NY	Flexonics Corp	1143-45 E Jersey St. Elizabeth, NJ	EL4-6500
NC	Flexonics Corp	267 E Paces Ferry Rd NE, Atlanta 5, Ga	CE7-1494
ND	Flexonics Corp	2333 W Wells, Milwaukee 3, Wis	HO4-4120
Ohio	Flexonics Corp	1717 Section Rd, Cincinnati 9, Ohio	RE1-8280
Okla	Flexonics Corp	Meadows Bldg. Dallas 6, Tex	EM8-2831
Ore	Flexonics Corp	1485 Bayshore Blvd, San Francisco 24, Cal	DE3-0573
Pa	Flexonics Corp	18 W. Chelten, Philadelphia 44, Pa	VI3-1202
RI	Flexonics Corp	10 High St, Boston 10, Mass	HA6-0952
SC	Flexonics Corp	267 E Paces Ferry Rd NE, Atlanta 5, Ga	CE7-1494
SD	Flexonics Corp	2333 W Wells St. Milwaukee 3, Wis	HO4-4120
Tenn	Flexonics Corp	267 E Paces Ferry Rd NE, Atlanta 5, Ga	CE7-1494
Tex	Flexonics Corp	Meadows Bldg. Dallas 6	EM8-2831
Utah	Flexonics Corp	1485 Baltimore Blvd, San Francisco, Cal	DE3-0573
Vt	Flexonics Corp	10 High St. Boston 10, Mass	HA6-0952
Va	Flexonics Corp	107 York Rd. Towson 4, Md	VA5-6767
Wash	Flexonics Corp	Bigelow Bldg. Seattle	MA3-2090
W.Va	Flexonics Corp	1717 Section Rd, Cincinnati, Ohio	RE1-8280
Wis	Flexonics Corp	2333 W Wells St. Milwaukee 3	HO4-4120
Wyo	Flexonics Corp	2333 W Wells St. Milwaukee 3, Wis	HO4-4120
	FLEXROCK CO.	**3608 Filbert St, Philadelphia 1, Pa**	**BA2-5500**
	30-975-1290		
	FLIGHT RESEARCH INC	**P. O. Box 1-F, Richmond 1, Va**	**RE7-4163**
	W Weymack Jr #8 *40 D 200-338-360-885-895-1260-1430-1810		
Cal	Robert L Weltz	7001 Hillside Ave, Hollywood, Cal	OL4-8883
NY	Donald Bass	116-55 Queens Blvd, Forest Hills 75, NY	LI4-8196
Tex	Southwestern Eng & Eqpt Co	4045 Lemmon Ave. Dallas 19	LA6-7433
	FLOCK PROCESS CO., INC	**373 Main Ave, Norwalk, Conn**	**VI7-4586**
	H Leff #2 *10 B 55-620-625-670-690-765-1605		
	FLOTRON INDUSTRIES INC	**1608 Centinela, Inglewood, Cal**	**OR8-0777**
	L Horrell #1 *9 C 90-675-1620		
Ala	Southern Dynamics Inc	1500 W. Church St. Orlando, Fla	CH1-9587
Ariz	Tech-Ser Inc	3540 Wilshire Blvd. LA 45, Cal	DU5-1765
Ark	Southwest Electronics Industries	Meadows Bldg. Dallas 6, Tex	EM3-1671
Cal	Tech-Ser Inc	3540 Wilshire Blvd. LA	DU5-1765
Colo	R G Bowen Co. Inc	721 S. Broadway, Denver 9	RA2-4641
Conn	John B Stevenson	89 Clifford St. Melrose, Mass	NO5-0266
Del	L D Lowery Inc	50 E. Wynnewood Rd. Wynnewood, Pa	MI2-9100
DC	L D Lowery Inc	50 E. Wynnewood Rd. Wynnewood, Pa	MI2-9100
Fla	Southern Dynamics Inc	1500 W. Church St. Orlando	CH1-9587
Ga	Southern Dynamics Inc	1500 W. Church St. Orlando, Fla	CH1-9587
Idah	Stanley Enterprises	127 River St. Seattle, Wash	PA3-3320
Ind	Southern Sales Co	105 Lakeshore Dr. Angola	777
Iowa	Service Tool & Eng. Inc	521 S. 7th St. Mpls, Minn	FE9-8611
Ky	Southern Sales Co	105 Lakeshore Dr. Angola, Ind	777
La	Southwest Electronics Ind	Meadows Bldg. Dallas 6, Tex	EM3 1671
Me	John B Stevenson	89 Clifford St. Melrose, Mass	NO5-0266
Md	John B Stevenson	89 Clifford St. Melrose, Mass	NO5-0266
Mass	John B Stevenson	89 Clifford St. Melrose	NO5-0266
Minn	Service Tool & Eng. Inc	89 Clifford St. Melrose, Mass	NO5-0266
Mont	Stanley Enterprises	127 River St. Seattle, Wash	PA3-3320
Nev	Tech-Ser Inc	3540 Wilshire Blvd. LA 45, Cal	DU5-1765
NH	John B Stevenson	89 Clifford St. Melrose, Mass	NO5-0266
NJ	S W Simberkoff	175 Oakwood Ave. Orange	OR4-4100
NM	Bowen & Carlberg	2224 San Mateo Blvd. NE. Albuquerque	AM5-1579
NY	S W Simberkoff	175 Oakwood Ave. Orange, NJ	OR4-4100
NC	Southern Dynamics Inc	1500 W. Church St. Orlando, Fla	CH1-9587
Okla	Southwest Electronic Industries	The Meadows Bldg. Dallas, Tex	EM3-1671
Ore	Stanley Enterprises	127 River St. Seattle, Wash	PA3-3320
Pa	L D Lowery Co	50 E. Wynnewood Rd. Wynnewood	MI2-9100
RI	John B Stevenson	89 Clifford St. Melrose, Mass	NO5-0266
SC	Southern Dynamics Inc	1500 W. Church St. Orlando, Fla	CH1-9587
Tex	Southwest Electronics Industries	Meadows Bldg. Dallas	EM3-1671
Utah	R G Bowen Co	721 S. Broadway, Denver, Colo	RA2-4641
Vt	John B Stevenson	89 Clifford St. Melrose, Mass	NO5-0266
Va	L D Lowery Inc	50 E. Wynnewood Rd. Wynnewood, Pa	MI2-9100
Wash	Stanley Enterprises	127 River St. Seattle	PA3-3320
Can	W R Watkins Ltd	41 Kipling Ave S. Toronto 17, Ont	BE3-2161
	FLOW CORP	**85 Mystic St, Arlington, Mass**	**MI8-6740**
	F Johnson #3 *20 B 895		
Cal	G H Vaughan Co	2366 E Foothill Blvd, Pasadena, Cal	MU1-4511
Conn	Crane & Egert Corp	97 Reade St, New York 13, NY	WO4-0996
Del	F R Jodon Inc	8510 Beech Tree Rd, Washington, DC	EM5-1515
DC	F R Jodon Inc	8510 Beech Tree Rd, Washington, DC	EM5-1515
Ill	Engineering Services Co	6635 Delmar Blvd, St. Louis, Mo	VO3-3661
Iowa	Engineering Services Co	Cedar Rapids, Iowa	
Kan	Engineering Services Co	8325 E. Indianapolis, Wichita, Kan	
Md	F R Jodon Inc	20408 Burnidge Rd, Baltimore, Md	NO-1933
Mich	J L Peirce Co	16666 James Couzens Hwy, Detroit 21	UN2-2571
Mo	Engineering Services Co	4550 Main St, Kansas City, Mo	JE1-7765
Mo	Engineering Services Co	6635 Delmar Blvd, St. Louis 5, Mo	VO3-3661
Neb	Engineering Services Co	4550 Main St, Kansas City, Mo	JE1-7765
NJ	Crane & Egert Corp	97 Reade St, New York 13, NY	WO4-0996
NY	Crane & Egert Corp	97 Reade St, New York 13, NY	WO4-0996
Ohio	Paul J Bockenstedt Associates	North Dayton Sta, Dayton, Ohio	BE3-0849
Pa	Crane & Egert Corp	Philadelphia, Pa	PE5-3520
Tex	Dannemiller-Smith Inc	2712 W Mockingbird Ln, Dallas	FL7-8249
Va	F R Jodon, Inc	8510 Beech Tree Rd, Washington, DC	EM5-1515
Can	Radionics Ltd	8230 Mayrand St, Montreal 9, Que	RE9-5517
	FLOW MEASUREMENTS CORP	**10506 Wheatley St. Kensington, Md**	**LO4-0111**
	P Mowatt #4 *50 A 360-895		
DC	H A McCormick	Phoenix P.O. Baltimore County, Md	CO 214
La	Gay Sales Co. Inc., The	420 Sul Ross St. Houston, Tex	JA9-3479
Md	H A McCormick	Phoenix P.O. Baltimore County	CO 214
Mich	Anger Assoc	13126 Mich. Ave. Dearborn	LU4-9853
Ohio	Anger Assoc	13126 Mich. Ave. Dearborn, Mich	LU4-9853
Tex	Gay Sales Co. Inc., The	420 Sul Ross St. Houston	JA9-3479
Va	H A McCormick	Phoenix P.O. Baltimore County, Md	CO 214
	FLUKE MFG. CO. INC. JOHN	**Mountlake Terrace, Wash**	**PR6-1171**
	J Zevenbergen E 338-895-1135-1330-1340		
Ala	Bivins & Caldwell Inc	1923 North Main, High Point, NC	2-6873
Alas	R S Drake Assoc	1817 Norman St. Seattle 44, Wash	EA3-8545
Ariz	G French Co	7900 Zuni Rd. SE. Albuquerque, NM	AM8-2478
Ark	Wallace Assoc	2679 Fernwood Dr. Dallas, Tex	FL7-7080
Cal	McCarthy Associates	1056 E. Walnut St. Pasadena, Cal	MU1-7411
Colo	G French Co	7900 Zuni Rd. SE. Albuquerque, NM	AM8-2478
Conn	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
Del	Horman Associates	941 Rollins Ave, Rockville, Md	HA7-7560
DC	Horman Associates	941 Rollins Ave, Rockville, Md	HA7-7560
Fla	Bivins & Caldwell Inc	1923 N. Main, High Point, NC	2-6873
Ga	Bivins & Caldwell Inc	1923 N. Main, High Point, NC	2-6873
Haw	R S Drake Assoc	1817 Norman St. Seattle 44, Wash	EA3-8545
Idah	R S Drake Assoc	Box 2126, Idaho Falls	JA2-7992
Ill	Cozzens & Cudahy Inc	125 Old Orchard ArcAde, Skokie, Ill	OR5-6700
Ind	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Iowa	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Kan	Harris-Hanson Co	2814 S. Brentwood Blvd, St. Louis 17, Mo	MI7-4350
Ky	Bivins & Caldwell Inc	1923 N. Main, High Point, NC	2-6873
La	Wallace Assoc	2679 Fernwood Dr. Dallas 20, Tex	FL7-7080
Me	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
Md	Horman Associates	941 Rollins Ave, Rockville, Md	HA7-7560
Mass	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
Mich	M P Odell Co	26614 Center Ridge Rd, Westlake, Ohio	TR1-8000
Minn	Pinkney & Hine Co	1925 Nicollet Ave, Minneapolis 3, Minn	FE8-0523
Mo	Harris-Hanson Co	2814 S. Brentwood Blvd, St. Louis 17, Mo	MI7-4350
Mont	R S Drake Assoc	Box 2126, Idaho Falls, Idah	JA2-7992
Neb	G French Co	7900 Zuni Rd. SE. Albuquerque, NM	AM8-2478
Nev	G French Co	7900 Zuni Rd. SE. Albuquerque, NM	AM8-2478
NH	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
NJ	G Curtis Engel & Associates	210 S. Broad St, Ridgewood, NJ	GI4-1400
NM	G French Co	7900 Zuni Rd. SE. Albuquerque	AM8-2478
NY	G Curtis Engel & Associates	210 S. Broad St, Ridgewood, NJ	GI4-1400
NC	Bivins & Caldwell Inc	1923 N. Main, High Point, NC	2-6873
ND	Pinkney & Hine Co	1925 Nicollet Ave, Minneapolis 3, Minn	FE8-0523
Ohio	M P Odell Co	26614 Center Ridge Rd, Westlake, Ohio	TR1-8000
Okla	Wallace Assoc	2679 Fernwood Dr. Dallas 20, Tex	FL7-7080
Ore	R S Drake Assoc	1817 Norman St. Seattle 44, Wash	EA3-8545
Pa	M P Odell Co	26614 Center Ridge Rd, Westlake, Ohio	TR1-8000
RI	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
SC	Bivins & Caldwell Inc	1923 N. Main, High Point, NC	2-6873
SD	Pinkney & Hine Co	1925 Nicollet Ave, Minneapolis 3, Minn	FE8-0523
Tenn	Bivins & Caldwell Inc	1923 N. Main, High Point, NC	2-6873
Tex	Wallace Assoc	2679 Fernwood Dr. Dallas 20	FL7-7080
Utah	G French Co	7900 Zuni Rd. SE. Albuquerque, NM	AM8-2478
Vt	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
Va	Bivins & Caldwell Inc	1923 N. Main, High Point, NC	2-6873
Wash	R S Drake Assoc	1817 Norman St. Seattle 44	EA3-8545
W. Va	M P Odell Co	26614 Center Ridge Rd, Westlake, Ohio	TR1-8000
Wisc	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill.	OR5-6700
Wyo	Gene French Co	7900 Zuni Rd. SE, Albuquerque, NM	AM8-2478
For	Icelco S A.	20-24 Rue de l'Hopital, Brussels, Belg	
For	Megex	106 Quai Branchly, Paris 15 eme, Fr	
For	Robert E O Olsson	Tradgardsgatan 7, Motala, Sweden	
England	Livingston Laboratories Inc	Retcar St, London N19, England	
Italy	Silverstar Ltd	21 ViaVisconti Di Modrone, Milano, Italy	
	FLUORULON LABORATORIES	**Box 305, Caldwell, NJ**	**CA6-8228**
	A Martin #1 *8 B 315-1290		
Conn	Connecticut Sales Eng	137 Thompson St. New Haven	
Fla	Raymond Holland	PO Box 8237, Tampa	
NY	BeEsco	Yonkers	YO3-0150
Pa	Austin L Wright	33 Golfview St. Ardmore	MI2-5113
RI	Connecticut Sales Eng	137 Thompson St. New Haven, Conn	
	FLUSH WALL RADIO CO	**1012 Cleveland St, Clearwater, Fla**	**4444-6061**
	L Schenck #1 *6 A 910-1425		
	FOOD MACHINERY & CHEMICAL CORP., CHEMICALS & PLASTICS DIV	**161 E. 42nd St, New York 17, NY**	**MU7-7400**
	J Sheler 1290		

• INDICATES ADVERTISERS IN THIS ISSUE

FOR EXPLANATION OF SYMBOLS # * A 15 SEE PG. M

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	FOOTE MINERAL CO	18 W Chelten Ave, Phila 44, Pa	VI8-4000
	E Hartshorn G 265-900-1125		
	FORBES & WAGNER INC	345 Central Ave, Silver Creek, NY	YE4-2691
	J Poulos #5 *156 E 450-670-1420-1830-1855		
Ala	[illegible]	[illegible]	[illegible]
Alaska	Fred H Height Co	3212 E. Lake, Seattle 2, Wash	EA2-1818
Cal	James S [illegible] Co	413 Lathrop St, Redwood City, Cal	EM9-5278
Cal	[illegible]	16042 Ventura Blvd, Encino, Cal	ST8-6661
Colo	[illegible]	465 S Lincoln St, Denver 22	DU8-3125
Fla	Paul O [illegible]	5601 Florida Ave, Tampa, Fla	TA3-66652
Ga	[illegible]	[illegible]	[illegible]
Idaho	Fred H Height Co	3212 E. Lake, Seattle 2, Wash	EA2-1818
Ill	[illegible]	[illegible] Kathryn Dr, Berkeley 21, Mo	LO1-0772
Ill	[illegible]	2504 N California Ave, Chicago 47	EV4-5749
Ind	Scott & Steffen Inc	[illegible] Pennsylvania Ave, Indianapolis..	ME5-8361
Ky	Scott & Steffen Inc	Francis Bldg, Louisville 2, Ky	JU3-3220
La	Koch Engineering & Sales Co	Meadows Bldg, Dallas 6, Tex	EM1-1765
Md	J A Maguire & Co	5716 York Rd, Baltimore 12	ID3-2613
Mass	Brookside Eng Co	6 Beacon St, Boston 8, Mass	CA7-1515
Mich	Engineers & Equipment Co	18055 James Couzens Hwy, Detroit 35	DI1-5943
Miss	[illegible]	[illegible]	RO8498
Mo	Bettis Co, Maury E	3706 Broadway, Kansas City, Mo	LO1-0772
Mont	Fred H Height Co	3212 E. Lake, Seattle 2, Wash	EA2-1818
Nev	James S [illegible] Co	413 Lathrop St, Redwood City, Cal	EM9-5278
NH	Brookside Engrg & Services Co	6 Beacon St, Boston 8, Mass	CA7-1515
NJ	S & M Associates	595 Broad Ave, Ridgefield, NJ	WH5-0080
NJ	J A Maguire & Co	721 Market St, Camden 2, NJ	WO6-3118
NJ	J A Maguire & Co	116 N. 7th St, Camden 2, NJ	WO9-3118
NY	Robert W Jackson Co	4646 Main St, Buffalo 26, NY	CI2094
NY	S & M Associates	595 Broad Ave, Ridgefield, NJ	WH5-0080
Ohio	Scott & Steffen Inc	1836 Euclid Ave, Cleveland 15, Ohio	TO1-2626
Ore	Fred H Height Co	3212 E. Lake, Seattle 2, Wash	EA2-1818
Pa	Scott & Steffen Inc	907 Liberty St, Pittsburgh 22, Pa	GR1-5233
SC	J A Maguire & Co	1707 Avondale Dr, Durham, NC	DU2-8717
Tenn	J A Maguire & Co	1707 Avondale Dr, Durham, NC	DU2-8717
Tex	[illegible]	[illegible]	RO8498
Utah	Ruehle Sales Co	1415 S Main St, Salt Lake City	HU6-7251
Wash	Fred H Height Co	3212 E. Lake, Seattle 2, Wash	EA2-1818
Canada	Prime Electronic Compon Ltd	[illegible] Hwy, E., Dixie, Ontario, Can	AT9-3361
	FORD INSTRUMENT CO	31-10 Thomson Ave, Long Island, NY	ST4-9000
	W Verner #230 *8000 G 20-25-325-338-340-360-635-775-780-895-915-995-1125-1150-1165-1305-1395-1470-1735		
Ala	Ford Instr Co	3322 South Memorial Pkwy, Huntsville	JE9-2321
Ariz	Automatic General Electronic Sales	6550-B Troost Ave, Kansas City 10, Mo	DE3-8206
Cal	Ford Instrument Co	292 S. Beverly Dr, Beverly Hills, Cal	BR2-6675
Cal	Sodaro Co	5753 S Robertson Blvd, Culver City	UP0-6001
Iowa	Automatic General Electronic Sales	6550-B Troost Ave, Kansas City 10, Mo	DE3-8206
Kan	Automatic General Electronic Sales	6550-B Troost Ave, Kansas City 10, Mo	DE3-8206
Mo	Automatic General Electronic Sales	6550-B Troost Ave, Kansas City 10, Mo	DE3-8206
Neb	Automatic General Electronic Sales	6550-B Troost Ave, Kansas City 10, Mo	DE3-8206
NM	Automatic General Electronic Sales	6550-B Troost Ave, Kansas City 10, Mo	DE3-8206
Ohio	Ford Instr Co	1300 Talbott Tower, Dayton 2	BA3-2294
Okla	Automatic General Electronic Sales	6550-B Troost Ave, Kansas City 10, Mo	DE3-8206
Tex	Automatic General Electronic Sales	6550-B Troost Ave, Kansas City 10, Mo	DE3-8206
	FORD RADIO & MICA CORP	536 63rd St. Brooklyn 20, NY	GE9-8300
	A Long *130 E 900		
	FORDHAM MFG CO	2222 Pearsall Ave, Bronx, NY	KI7-7609
	#1 *20 895		
Cal	James C Pope & Assoc	2720 S San Pedro St, Los Angeles, Cal	
	FOREDOM ELECTRIC CO	Bethel, Conn	PI8-3521
	D Kellogg #3 *25 C 1075		
Ariz	Garrett Supply Co	2910 N. Thomas Rd, Phoenix	
Cal	Dillon Stevens & Co	1345 Venice Blvd, Los Angeles 6, Cal	
Cal	Andrews Hardware & Metal Co	1610 W. 7th St, LA 17	
Colo	M L Foss Inc	1902 Arapahoe St, Denver	
Conn	Lindquist Hardware Co	383 Fairfield Ave, Bridgeport 3	
DC	Fries/Beall/Sharp Co	734 10th St, NW, Wash 1	
Fla	Gandos Corp	151 NW. 54th St, Miami 37	
Ill	McMaster-Carr Supply Co	640 W. Lake St, Chicago	
Ind	Indpls Belting & Supply	34 S Capitol Ave, Indpls	
Iowa	Globe Machinery & Supply Co	401 E. 2nd St, Davenport	
Md	Maguire & McLennan Inc	[illegible] Ave, Baltimore [illegible]	
Mass	Atlantic Ind Supply Co	455 Main St, Cambridge 39	
Mich	Electric Tool Service	6118-12th St, Detroit 8	
Minn	Warner Hardware Co	13 S. 6th St, Mpls	
Mo	A V Doran Co	950 Francis Pl, St. Louis 5	
NH	NH Supply Co	40-48 Commercial St, Manchester	
NJ	L D Yecies & Sons	110 Pacific St, Newark	
NY	M Abrams Inc	90 Hudson St, NY 13	
Ohio	Columbus Hardware Supplies Inc	54 E. Gay St, Columbus	
Ore	Cascade Tool & Mchy. Co, Inc	1405 SW 14th Ave, Portland 1	
Pa	Buehler Eqpt. Co	341 N. 19th St, Phila	
RI	Brien Supply Co	111 Chestnut St, Providence 3	
Tenn	R Simmons Co, Inc	Box 1030, Nashville 2	
Tex	O H Van Horn Co, Inc	451 S. Main St, Ft. Worth 1	
Va	Graves-Humphreys Inc	1948 Franklin Rd, SW, Roanoke	
Wash	Arrowsmith Hardware Co	1415 1st Ave, Seattle 1	
Wis	Tripke Supply Co	839 N. 3rd St, Milwaukee 3	
For	R Van Roy	101 Rue Antoine Dansaert, Bruxelles, Belg	
	FOREST CITY PRODUCTS INC	722 Bolivar Rd, Cleveland 15, Ohio	CH1-0044
	1190-1290-1295-1505		
Ariz	Gordon Moss Electronics Inc	1530-13th Ave, Greeley, Colo	EL3-1452
Ark	Mid-South Brokerage Co	2218 Jefferson Ave, Memphis 4, Tenn	BR8-2179
Cal	Miller & Associates Inc	115 Main St, El Segundo, Cal	EA2-5656
Colo	Gordon Moss Electronics Inc	1530-13th Ave, Greeley, Colo	EL3-1452
Conn	Hage Associates Inc	65 Parker St, Gardner, Mass	GA3030
Del	Precision Sales Co	8616 Georgia Ave, Silver Spring, Md	JU9-7690
DC	Precision Sales Co	8616 Georgia Ave, Silver Spring, Md	JU9-7690
Ga	Precision Sales Co	8616 Georgia Ave, Silver Spring, Md	JU9-7690
Ill	Herbert H Pallat & Co	112 N. Green St, Chicago 7, Ill	HA1-0613
Ill	Halpin D Burke & Son	210 S. Bemiston Ave, St. Louis 5, Mo	VO3-5562
Ind	[illegible]	[illegible] Pennsylvania, Indianapolis 4, Ind	ME4-6863
Iowa	Halpin D Burke & Son	210 S. Bemiston Ave, St. Louis 5, Mo	VO3-5562
Kan	Halpin D Burke & Son	210 S. Bemiston Ave, St. Louis 5, Mo	VO3-5562
La	Mid-South Brokerage Co	2218 Jefferson Ave, Memphis 4, Tenn	BR8-2179
Me	Hage Associates Inc	65 Parker St, Gardner, Mass	GA3030
Md	Precision Sales Co	8616 Georgia Ave, Silver Springs, Md	JU9-7690
Mass	Hage Associates Inc	65 Parker St, Gardner, Mass	GA3030
Mich	Steve Ham	5141 Jefferson, Detroit, Mich	
Minn	Edward Hoffman Co	180 N. Snelling Ave, St. Paul 4, Minn	MI5-4662
Miss	Mid-South Brokerage	2218 Jefferson Ave, Memphis 4, Tenn	
Mo	Halpin D Burke & Son	210 S. Bemiston Ave, St. Louis 5, Mo	VO3-5562
Neb	Halpin D Burke & Son	210 S. Bemiston Ave, St. Louis 5, Mo	VO3-5562
NH	Hage Associates Inc	65 Parker St, Gardner, Mass	GA3030
NJ	Bergen-Mortensen	65 Palmer Ave, Bronxville, NY	WO1-4442
NY	Bergen-Mortensen	65 Palmer Ave, Bronxville, NY	WO1-4442
NY	Howard W Clark	830 Linden Ave, Rochester 10, NY	LU6-3371
NC	Precision Sales Co	8616 Georgia Ave, Silver Spring, Md	JU9-7690
Ohio	Vince C Bowman	4500 Euclid Ave, Cleveland, Ohio	VT1-8866
Ohio	Emerson H Alexander	545 Hemlock Point Rd, Chagrin Falls, Ohio	ED8-6861
Pa	Englewood Co., Inc	State Rd at Township Line, Drexel Hill, Pa	CL9-1200
Pa	Emerson H Alexander	545 Hemlock Point Rd, Chagrin Falls, Ohio	ED8-6861
RI	Hage Associates Inc	65 Parker St, Gardner, Mass	GA3030
SC	Precision Sales Co	8616 Georgia Ave, Silver Springs, Md	JU9-7690
Tenn	Mid-South Brokerage Co	2218 Jefferson Ave, Memphis 4, Tenn	BR8-2179
Tex	Clarence F Hodges Co	4312 Maple Ave, Dallas, Tex	LA6-5233
Utah	Gordon Moss Electronics Inc	1530 13th Ave, Greeley, Colo	EL3-1452
Vt	Hage Associates Inc	66 Parker St, Gardner, Mass	GA3030
Va	Precision Sales Co	8616 Georgia Ave, Silver Springs, Md	JU9-7690
W. Va	Precision Sales Co	8616 Georgia Ave, Silver Springs, Md	JU9-7690
Wisc	Herbert H Pallat Co	112 N. Green St, Chicago 7, Ill	HA1-0613
Wisc	Edward Hoffman Co	180 N. Snelling St, St. Paul 4, Minn	MI5-4662
Wyo	Gordon Moss Electronics Inc	1530 13th Ave, Greeley, Colo	EL3-1452
	FOREST ELECTRIC CO	1003 N 25th Ave. Melrose Park, Ill	MU1-0100
	G Wilson #6 *65 D 250-315-320-1420-1855		
For	Philips Export Co	100 E 42nd St. New York 17, NY	OX7-3600
	FORK STANDARDS, INC	1915 N Harlem Ave. Chicago 35, Ill	ME7-1805
	T McCollum #4 *12 A 275-415-670-710-895-1455-1460-1810-1935		
	FORM-IT PRODUCTS INC	1619 W. Walnut St, Chicago 12, Ill	HA1-7337
	E Jamison #1 *15 A 120-715-770-1290-1890		
Alaska	National Co., Inc, The	70 Marion St, Seattle 4, Wash	MU2-2450
Conn	O E Pfannkuch & Co	952 Main St. Bridgeport 3	FO7-8673
Idaho	National Co., The	70 Marion St. Seattle 4, Wash	MU2-2450
Ill	Coesco Assoc	Box 245, Dundee	NE1-8669
Ind	Coesco Assoc	Box 245, Dundee, Ill	NE1-8669
Iowa	Kinnick Co	222 Olympia Dr. St Louis 21, Mo	JA1-4877
Kan	Kinnick Co	222 Olympia Dr, St Louis 21, Mo	JA1-4877
Me	O E Pfannkuch & Co	952 Main St. Bridgeport 3, Conn	FO7-8673
Mass	O E Pfannkuch & Co	952 Main St. Bridgeport 3, Conn	FO7-8673
Mo	Kinnick Co	222 Olympia Dr. St Louis 21	JA1-4877
Mont	National Co., The	70 Marion St. Seattle 4, Wash	MU2-2450
Nev	National Co., The	70 Marion St. Seattle 4, Wash	MU2-2450
NH	O E Pfannkuch & Co	952 Main St. Bridgeport 3, Conn	FO7-8673
NJ	Electrical Insulation Sales Co	Box 315, Rutherford	GE8-5349
NY	Gistmann Sales, Inc	617 Cobb Bldg, Rochester 4	LO2-8323
NY	Harold B Hoft	[illegible], Lynbrook	LY9-3351
Okla	Koch Engineering & Sales Co	309 Meadows Bldg. Dallas 6, Tex	EM1-1765
Ore	National Co., The	70 Marion St. Seattle 4, Wash	MU2-2450
RI	O E Pfannkuch & Co	952 Main St. Bridgeport 3, Conn	FO7-8673
Tex	Koch Engineering & Sales Co	309 Meadows Bldg. Dallas 6	EM1-1765
Utah	National Co., The	70 Marion St. Seattle 4, Wash	MU2-2450
Vt	O E Pfannkuch & Co	952 Main St. Bridgeport 3, Conn	FO7-8673
Wash	National Co., The	70 Marion St. Seattle 4	MU2-2450
	FORMICA CORP	4580 Spring Grove, Cincinnati 32, Ohio	KI1-3670
	S Cortier #20 *400 G 975-1190-1290-1295		
Cal	[illegible]	[illegible] S. Eastern Ave, Los Angeles 54	RA3-4411
Conn	Richard L Parks	43 S. Main St, W. Hartford 7, Conn	AD6-2368
Hawaii	Formica Corp	P.C. Box 3053, Honolulu 2, T.H.	
Ill	[illegible]	[illegible], Chicago [illegible], Ill	[illegible]
Ind	L Edward Dugan	[illegible] N. Main St, South Bend, Ind	CE3-1065
Md	Charles H Kronenberg Jr	5712 Harford Rd, Baltimore 14, Md	HA6-0733
Mass	[illegible]	1408 Hancock St, Quincy [illegible], Mass	[illegible]
Mich	Russell Graham	[illegible] W. McNichols Rd, Detroit 35, Mich	[illegible]
Mo	L A Wenzel	119 E. 18th St, Kansas City 8, Mo	VI2-1780
Mo	Harold Kuhn	[illegible] Parkview Ave, St. Louis [illegible], Mo	MO4-5396
NJ	Bruce Bryant	[illegible] N. Harrison St, East Orange, NJ	[illegible]
NY	Clarence J Thomas	101 Park Ave, New York 17, NY	MU3-7935
NY	Peter G Weston	639 S. Warren St, Syracuse 2, NY	HA2-5731
Ohio	Robert Lowes	[illegible] Cook Ave, Cleveland 7, Ohio	AC1-4400
Pa	Thomas V O'Brien Jr	[illegible] Commerce St, Ft. Washington, Pa	[illegible]
Tenn	James H Conlan	4015 Hillsboro Rd, Nashville 12, Tenn	AM9-6186
Wisc	John S Stanley	[illegible] E. Silver Spring Dr, Milwaukee 17	[illegible]
Canada	Cyanamid of Canada Limited	[illegible] Royalmount Ave, Mt. Royal, PQ Can	
	• **FORMICA METAL PRODUCTS CO**	Corporation Way, Medford, Mass	EX5-5656
	C Formica #2 *25 B 135-180-260-1245		
Cal	Howard A Gates	1819 Hermon Pl. Glendale	CH9-5360
	FORMSPRAG CO	23601 Hoover Rd, Warren, Mich	JE6-9000
	C Grabowski #12 *165 E 353		
Cal	Formsprag Co	429 E. Western Ave, Los Angeles 5, Cal	DU2-0500
DC	Formsprag Co	[illegible]	
Fla	[illegible] Industrial Sales	544 Peterson Pl, Orlando, Fla	[illegible]
Ill	Formsprag Co	[illegible] W. Higgins Rd, Chicago 31, Ill	SP4-1373
Mass	Formsprag Co	340 Main St, Worcester, Mass	PL7-0012
Ohio	Formsprag Co	[illegible] Brecksville Rd, Independence	[illegible]
Ohio	Formsprag Co	[illegible], Dayton 2, Ohio	[illegible]
Pa	Formsprag Co	Lancaster & Leopard Rd, Paoli, Pa	NI4-0292
Tex	R C Brown Co	P.O. Box [illegible], Dallas 5, Tex	[illegible]
	FORMWELD PRODUCTS CO	1530 Coit Ave. Cleveland 12, Ohio	541-3100
	R Andrews *66 E 180-565-590-895-1245		
	FORT WAYNE METALS INC	3211 McArthur Dr, Ft. Wayne, Ind	S-4154
	B Boiden #4 *45 E 1960		
	FOSTER & ALLEN INC	26 Commerce St. Chatham, NJ	ME5-7766
	E Foster #1 *8 755-1075-1810		
	• **FOSTER ELECTRIC CO. LTD**	384 Shimorenjaku, Mitaka-City, Tokyo, Jap	(0223)-2151
	K Nakahara #150 *660 1675		
NY	Components Specialties, Inc	3 Fuchurst Rd, Baldwin	BA3-1636
	FOSTER TRANSFORMER CO	3420 Colerain Ave, Cincinnati 23, Ohio	MU1-2420
	S Heffey #10 *200 E 320-1855		
Cal	Reid & Co	243 W. Pamela Rd, Arcadia, Cal	[illegible]
Conn	Henry Levin Associates	P.O. Box 196, Meriden, Conn	BE7-5527
Ill	Wm F Swanz & Co	541 Diversey Pkwy, Chicago 14, Ill	BI8-4343
Ind	Ralph J Heffley Co	6629 Coldwater Rd, Ft. Wayne, Ind	TR7381
Md	J A Maguire & Co	29 Allegheny Ave, Towson 4, Md	[illegible]
Mass	Henry Levin Associates	82 Curve St, Needham, Mass	[illegible]
Mich	Ralph J Heffley Co	6629 Coldwater Rd, Ft. Wayne, Ind	TR7381
NJ	Barrett Border	121 Oak St, Tenafly, NJ	[illegible]
NY	Barrett Border	121 Oak St, Tenafly, NJ	[illegible]
Ohio	Clark Sales Co	Box 708, Cleve 22	
Pa	J A Maguire & Co	116 N. 7th St, Camden, NJ	WO6-3118
Va	J A Maguire & Co	29 Allegheny Ave, Towson 4, Md	[illegible]
Wisc	Clarence Geiger	[illegible] N. Birch, Milwaukee, Wisc	[illegible]-4215
	FOSTORIA CORP	Box 151, Fostoria, Ohio	HE5-7721
	D Helfrich #30 *300 E 1015-1215		
Cal	C W McDaniel	P.O. Box 4236, Carmel, Cal	MA4-2977
Fla	Bernard Brookhausen	[illegible] N.W. 2nd Ave, Miami [illegible], Fla	
Ga	W L Anderson	P O Box 179, Jonesboro	[illegible]
Ill	W F Carlin	[illegible] N. Pulaski Rd, Chicago 30, Ill	[illegible]
Ind	W Dale McBride	[illegible] Nokomis Rd, Ft. Wayne, Ind	HA8040
Mass	Interlux Corp	17 Lewis Wharf, Boston, Mass	
Mich	Fostoria Corp	18637 James Couzens Hwy, Detroit 35	
Mo	Fostoria Industrial Service	5637 Manchester Ave, St. Louis, Mo	MI7-4344
NJ	Fostoria Corp	4 Green Village Rd, Madison, NJ	FR7-0914
NY	Fostoria Corp	4 Green Village Rd, Madison, NJ	FR7-0914
Ore	J K Johnston	[illegible] N.E. 19th Ave, Portland 11, Ore	[illegible]
Pa	The J V Calhoun Co	349 Montgomery Ave, Bala Cynwyd, Pa	GR3-4477
RI	Freeman Industrial Service	[illegible] N. Main St, Providence, RI	[illegible]
Tenn	J McEwen-Cherry & Associates	[illegible] W. End Ave, Nashville, Tenn	
Tex	The Glenn W King Co	2411 Times Blvd, Houston 5, Tex	JA8-5517
Utah	Keith Lagerstrom	[illegible] East [illegible] South, Sandy, Utah	AM6-3723
Va	R E Miller	404 Pulaski Ave, Richmond, Va	
Wis	Fostoria Engineering Service, Inc	[illegible] W Glendale Ave, Butler	[illegible]
Canada	DeVilbiss (Canada) Ltd	Barrie, Ontario, Canada	[illegible]
	FOTO-VIDEO ELECTRONICS INC	36 Commerce Rd, Cedar Grove, NJ	CE9-6100
	A Dumont #15 *100 D-E 200-895-1340-1515-1910		
Cal	Jess E Dines	1317 W 234th St, Torrance, Cal	SP5-1003
Va	Don Foyer	[illegible] Dr, Alexandria, Va	[illegible]
Wash	Video Utility Co (Patrick Quinn)	[illegible] Market St, Seattle 7, Wash	SV4-1111
	FOURDEE INC	704 W. Fairbanks, Winter Park, Fla	GA4-9973
	390		
Cal	Fred C Warren	P.O. Box [illegible], Los Angeles, Cal	
Conn	K C Stevens Co	235 Bedford St, Lexington, Mass	
Md	Fabricators Inc	500 Highland Ave, Towson, Md	
Mass	K C Stevens Co	235 Bedford St, Lexington, Mass	
Mich	J P Kosta	P.O. Box 292, Birmingham, Mich	
NJ	Norbell Sales Co	211-02 Northern Blvd, Flushing, NY	
NY	Norbell Sales Co	211-02 Northern Blvd, Flushing, NY	
Ohio	J P Kosta Co	P.O. Box 292, Birmingham, Mich	
Pa	Williamson Associates	135 Nevin St, Lancaster, Pa	
	FOURJAY INDUSTRIES	2801 Ontario Ave. Dayton 14, Ohio	CR8-2924
	J Folkerson 55-765		
Ariz	Verne Linsley Co	[illegible] W. Villa St, Phoenix	[illegible]
Cal	Koessler Sales Co	818 N. Fairfax Ave, LA 46	[illegible]
Cal	Bill Kollins & Co, Inc	219 California St, Burlingame	DI4-7111
Fla	Ted Sharaf Assoc	310 Van Buren, Hollywood	WA2-4430
Ill	George Petitt Co, Inc	349 N. Ashland Ave, River Forest	[illegible]
Ind	Joe Clancy & Co, Inc	Box 203, Angola	AN793
Kan	Tom Perry	423 N. Fountain, Wichita	MU6-7441
Mich	[illegible] & [illegible] Assoc	6735 E. Jefferson Ave, Detroit 14	VA1-6621
Minn	Northern States Sales Co	1408 Park Ave, Mpls 4	FE3-2521
Mo	Maury E Bettis Co	3706 Broadway, KC	LO1-0772
Pa	Martin Weinberg	1122 E. Cliveden, Phila 19	LI9-1122
Tenn	Jesse P Johnson Co	413 Times Bldg, Chattanooga	[illegible]
Tex	Byborny Sales Co	Box 17102, Dallas 17	EV1-4645
Utah	Ralph S Stevenson	2045 Walker Ln. Salt Lake City	CR7-2515
Wash	M K Widdifield Co	222 1st Ave. N. Seattle 9	AT4-8020
Wis	George Sangwin	1150 Forest Ln. Brookfield	
For	Louis D Cohen y Cia	5955 Twin Lakes Dr. S. Miami 43, Fla	MO7-0100
Can	Len Finkler Ltd	1784 Ave. Rd. Toronto 12, Ont	[illegible]
	FOX CO C J., THE	236 Abors St, Providence 1, R I	DE1-1000
	135		
	FOXBORO CO., THE	Foxboro, Mass	KI3-5311
	R Hosmer #350 *2500 G 325-338-360-365-895-1100-1245-1330-1795-1810-1850-1870-1960		
Ala	Foxboro Co	N. 9 Office Park, Birmingham 13, Ala	[illegible]
Ala	Foxboro Co	1503 Government St, Mobile, Ala	[illegible]
Cal	Foxboro Co	1212 S. Garfield St, Alhambra, Cal	CU3-6675
Cal	Foxboro Co	390 Pierce St, San Leandro, Cal	LO2-5525
Colo	Foxboro Co	[illegible] E. 3rd Ave, Denver 6, Colo	[illegible]
Conn	Foxboro Co	[illegible] Farmington Ave. W. Hartford 7	[illegible]
Del	Foxboro Co	Professional Bldg, Wilmington 3, Del	OL6-6874
Fla	Foxboro Co	1726 Prudential Bldg, Jacksonville 7, Fla	[illegible]
Fla	Foxboro	West Garden Bldg, Pensacola, Fla	HE2-5318
Fla	Foxboro Co	4515 Shamrock Rd, Tampa	[illegible]
Ga	Foxboro Co	3393 Malone Dr. Chamblee	[illegible]
Ga	Foxboro Co	9 Abbey Pkwy, Savannah, Ga	EL5-5115
Hawaii	[illegible] Engineering & Eqpt Co	Hawaiian Airlines Adm Bldg, Honolulu	[illegible]
Ill	Foxboro Co	[illegible] St, Skokie, Ill	[illegible]
Ind	Foxboro Co	[illegible] W. Chicago Ave, E. Chicago, Ind	[illegible]
Ind	Foxboro Co	7435 Jewell Ln, Indianapolis 20, Ind	[illegible]
Ind	Foxboro Co	9 Powell Dr, Jeffersonville	[illegible]
Iowa	Foxboro Co	2020 [illegible] Ave, Davenport, Iowa	[illegible]
Kan	Foxboro Co	3900 E. Skinner, Wichita 18, Kan	[illegible]
La	Foxboro Co	P.O. Box 4334, Shreveport, La	[illegible]
La	Foxboro Co	3233 Shelley Ave, Baton Rouge	[illegible]
La	Foxboro Co	[illegible] St. Charles Ave, New Orleans	[illegible]

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Me	Foxboro Co	15 Mayflower Rd, Hallowell, Me	MA2-0601
Md	Foxboro Co	6229 N. Charles St Ave, Baltimore 12, Md	DR7-9000
Mass	Foxboro Co	321 Locust St, Danvers, Mass	SP4-0636
Mich	Foxboro Co	18240 W. Seven Mile Rd, Detroit 19, Mich	KE7-9900
Mich	Foxboro Co	609 S. Burdick St, Kalamazoo, Mich	FI5-8928
Minn	Foxboro Co	2929 Yosemite St, Minneapolis 16, Minn	MI4-5998
Mo	Foxboro Co	6315 Brookside Plaza, Kansas City 13	JA3-8048
Mo	Foxboro Co	6617 Clayton Rd, St Louis 17, Mo	PA7-5372
Neb	Foxboro Co	3109 Westgate Rd, Omaha 14, Neb	AT6961
NJ	Foxboro Co	80 Morris Ave, Springfield, N J	DR9-4000
NY	Foxboro Co	604 Columbia Tnpk, E. Greenbush, NY	GR7-6201
NY	Foxboro Co	4 Webster St, N. Tonawanda, N Y	LU8455
NY	Foxboro Co	420 Lexington Ave, New York 17, N Y	LE2-4682
NY	Foxboro Co	75 College Ave, Rochester 7, N Y	HI5-0200
NY	Foxboro Co	Highbridge Rd. Fayetteville	NE7-9790
NC	Foxboro Co	213 E. Morehead St, Charlotte 2, N C	FR6-8452
Ohio	Foxboro Co	1579 W. 117th St, Cleveland 7, Ohio	AC6-1060
Ohio	Foxboro Co	502 Colonial Dr, Worthington, Ohio	AX4-4145
Ohio	Foxboro Co	7719 Reading Rd. Cinc 37	PO1-8050
Okla	Foxboro Co	211 W. Fifth St, Tulsa 3, Okla	DI3-8189
Ore	Foxboro Co	516 S. E. Morrison St, Portland 14, Ore	BE5-8244
Pa	Foxboro Co	1 Bala Ave, Bala-Cynwyd, Pa	GR7-8000
Pa	Foxboro Co	2270 Noblestown Rd, Pittsburgh 5, Pa	WA2-3000
SC	Foxboro Co	215 McSwain Dr, Greenville, SC	CH4-3046
Tenn	Foxboro Co	871 McCallie Ave, Chattanooga, Tenn	AM7-8357
Tenn	Foxboro Co	1709 Cumberland Ave, S.W., Knoxville	4-3356
Tenn	Foxboro Co	2071 Union Ave, Memphis 4, Tenn	BR2-2638
Tex	Foxboro Co	1905 N. Port Ave, Corpus Christi, Tex	TU4-8858
Tex	Foxboro Co	11710 E. Northwest Hwy, Dallas 18, Tex	DA7-4531
Tex	Foxboro Co	1021 Burgess Dr, El Paso, Tex	KE3-7493
Tex	Foxboro Co	2518 S. Blvd, Houston 6, Tex	JA8-5431
Tex	Foxboro Co	300 N. Jackson St, Odessa, Tex	FE2-9343
Tex	Foxboro Co	3809 Julie Dr, Amarillo	FL6-2256
Va	Foxboro Co	2100 Bremo Rd, Richmond 26, Va	AT8-1977
Wash	Foxboro Co	4000 Aurora Ave, Seattle 3, Wash	ME3-3660
W. Va	Foxboro Co	309 Nelson Bldg, Charleston 1, W. Va	DI3-5548
Wis	Foxboro Co	11425 W. Bluemound Dr. Milwaukee	GL3-3410
Wisc	Foxboro Co	109 S. Appleton St, Appleton, Wisc	RE3-8707
	FRANK INDUSTRIES INC	**54 Suffolk St, Worcester 4, Mass**	**PL5-8666**
	S Frank #3 *75 E 345		
Ill	PGM Component Sales	2842 N. Sheridan Rd. Chicago	BU[illegible]
	FRANKE GEAR WORKS INC	**4401 Ravenswood Ave, Chicago 40, Ill**	**LO1-0950**
	H Karolczak #2 *50 D 755		
Cal	Louis D Martin	1536 Woodcress Ave. Fullerton	LA5-5602
Colo	Kelley Enterprises	336 E 4th St. Loveland	NO7-1376
Conn	Zaslow Sales Co	108 Foxcroft Rd, W. Hartford, Conn	AD6-3265
Mich	Dorac Sales Co	20026 James Couzens, Detroit 35	BR2-2121
Minn	O R Kreutziger & Co	6524 Walker St. Mnpls	WE9-3335
NY	D M Phillips Eng Co	382 Springfield Ave. Summit, NJ	CR7-6336
Ohio	George T Wright & Associates	19400 Frazier Dr, Cleveland 16, Ohio	ED1-8656
Ohio	Robert O Mayer	3548 Montgomery Rd. Cinc	JE1-1742
	FRANKLIN-DALES CO	**180 E. Mill St, Akron, Ohio**	**PO2-7236**
	G Meidlinger #3 *80 360-1735		
	FRANKLIN ELECTRONICS INC	**E 4th St, Bridgeport, Pa**	**BR2-4800**
	T Keffer #7 *50 D 238-895		
Cal	T Louis Snitzer Co	5354 W Pico Blvd, Los Angeles 19, Cal	WE8-2073
Colo	Hyde Electronics Co	888 S Lipan St, Denver 23, Colo	WE6-3455
Fla	J Neal & Co	3931 SW 5th Terr, Miami, Fla	HI4-1118
Ill	R Edward Stamm	5681 W Lake St, Chicago 44, Ill	ES9-2700
Md	Eastern Instrumentation Inc	808 Ingleside Ave, Baltimore 28, Md	RI4-3676
Mass	Ress Engineering Sales	259 Walnut St, Newtonville 60, Mass	LA7-4932
Minn	R Edward Stamm	123 S Third St, Mnpls, Minn	FE5-7172
NJ	Lawrence C Freeman & Associates	363 Bloomfield St, Montclair, NJ	PI4-4775
NY	Joseph A Reagan Co	45 N Lake Ave, Albany 3	AL6-9649
NC	J L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
Ohio	Electro Sales Associates	325 E 200 St, Cleveland 19, Ohio	RE2-7444
Ore	Hawthorne Electronics	700 SE Hawthorne Blvd, Portland 14	BE4-9375
Pa	Eastern Instrumentation Inc	613 W Cheltenham Ave, Philadelphia 26	WA7-6269
Tex	Industrial Associated Electronics	2311 Farrington St, Dallas 7, Tex	RI8-0777
Utah	Hyde Electronics Co	2953 Connor St, Salt Lake City, Utah	IN7-5763
Wash	Hawthorne Electronics	112 Admin Bldg, Boeing Field, Seattle 8	PA5-1460
For	Szucs International Corp	50 Broad St, New York 4, NY	WH4-7959
	FRANKLIN FIBRE-LAMITEX CORP	**Box 1768, Wilmington, Del**	**OL8-5269**
	G Vochris #7 *500 E 30-120-175-660-750-770-900-975-1190-1220-1290-1295-1755-1785-1890-1940		
NY	Franklin Fibre-Lamitex Corp	129 Lafayette St, New York 13, NY	CA6-4376
	FRANKLIN SYSTEMS, INC	**Box 3250, West Palm Beach, Fla**	**TE3-4602**
	D Ryan #8 *30 C 238-338-360-895-910-1340-1520-1670		
Alas	Instrumentation Engineering	1331 3rd Ave Bldg. Seattle 1, Wash	MA2-0600
Ariz	Industrial Assoc Electronics, Inc	2311 Farrington Ave. Dallas, Tex	RI8-0777
Ark	Industrial Assoc Electronics, Inc	2311 Farrington Ave. Dallas, Tex	RI8-0777
Cal	Carl A Stone Associates, Inc	8971 National Blvd. Los Angeles	UP0-7771
Colo	Industrial Assoc Electronics, Inc	2311 Farrington Ave. Dallas, Tex	RI8-0777
Del	C E Snow Co	8218 Wisconsin Ave, Bethesda, Md	OL4-1767
DC	C E Snow Co	8218 Wisconsin Ave. Bethesda, Md	OL4-1767
Idah	Instrumentation Engineering	1331 3rd Ave Bldg. Seattle 1, Wash	MA2-0600
Ind	Research Devel Production Assoc	5899 Hubervilla Ave. Dayton 31, Ohio	CL3-6175
Kan	Industrial Assoc. Electronics, Inc	2311 Farrington Ave. Dallas, Tex	RI8-0777
La	Industrial Associated Elec	2311 Farrington Ave. Dallas, Tex	RI8-0777
La	Delta Electronics, Inc	621 Homedale Ave. New Orleans	AU3736
Md	C E Snow Co	8218 Wisconsin Ave. Bethesda	OL4-1767
Mont	Instrumentation Engineering	1331 3rd Ave Bldg. Seattle 1, Wash	MA2-0600
NJ	C E Snow Co	919 E Phil-Ellena St. Phila 50, Pa	LI8-8043
NM	Industrial Assoc Electronics, Inc	2311 Farrington St. Dallas, Tex	RI8-0777
Ohio	Research Devel Production Assoc	5899 Huberville Ave. Dayton 31	CL3-6175
Okla	Industrial Assoc Electronics, Inc	2311 Farrington Ave. Dallas, Tex	RI8-0777
Ore	Instrumentation Engineering	1331 3rd Ave Bldg. Seattle 1, Wash	MA2-0600
Pa	C E Snow Co	919 E Phil-Ellena St. Phila 50	LI8-8043
Tex	Industrial Assoc Electronics, Inc	2311 Farrington Ave. Dallas	RI8-0777
Va	C E Snow Co	8218 Wisconsin Ave. Bethesda, Md	OL4-1767
Wash	Instrumentation Engineering	1331 3rd Ave Bldg. Seattle 1	MA2-0600
For	Szucs International Corp	50 Broad St. New York 4, NY	WH4-7959
	FREBANK CO	**711 W.Broadway, Glendale 4, Cal**	**CH5-6550**
	J Tillery #10 *50 D 1735-1920		
Cal	Heckerman Corp., The	814 W. Hyde Park Blvd. Inglewood 3	OR8-2264
Conn	Abbott-Allison Co	Box 467, Meriden	BE7-9232
Kan	Zites Aviation Sales Corp	Box 3055, SE. Sta. Wichita	MU4-0286
Ohio	Distributor Sales Co	Box 3031, Cleve 17	IV1-5364
Wash	Seatronics, Inc	1817 Norman St, Seattle 44, Wash	EA3-8545
•	**FREED TRANSFORMER CO., INC**	**1736 Weirfield St, Brooklyn 27, NY**	**EV6-1300**
	M Salzberg 320-670-895-1340-1420-1830-1855		
Ala	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta, Ga	PL5-5781
Ariz	Robert G Moye Co	116 S. Stoneman Ave, Alhambra, Cal	CU3-1669
Ark	Automatic General Sales	6550 B Troost Ave, Kansas City 10, Mo	DE3-8206
Cal	F W Moulthrop Co	1530 E 12th St. Oakland 6	AN1-7676
Cal	Robert G Moye Co	116 S. Stoneman Ave, Alhambra, Cal	CU3-1669
Colo	Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	PE3-5528
Conn	Henry P Segel Co., Inc	386 Washington St, Brookline 46, Mass	BE2-7525
Del	William Drew & Co	145 N. Narbeth Ave, Narbeth, Pa	MO4-8331
DC	Bernard White & Co	1104 Mondawmin, Baltimore 15, Md	LA3-7700
Fla	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta, Ga	PL5-5781
Ga	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta, Ga	PL5-5781
Idaho	M K Widdekind Co	222 First Ave, N., Seattle, Wash	AT4-4869
Ill	Howard L Quick	61 Lincolnshire Dr. Deerfield P.O.	WI5-4007
Iowa	Automatic General Sales	6550 B Troost Ave, Kansas City 10, Mo	DE3-8206
Kan	Automatic General Sales	6550 B Troost Ave, Kansas City 10, Mo	DE3-8206
Ky	Scott & Steffen Inc	1836 Euclid Ave, Cleveland 15, Ohio	TO1-2626
Me	Henry P Segel Co., Inc	386 Washington St, Brookline 46, Mass	BE2-7525
Md	Bernard White & Co	1104 Mondawmin, Baltimore 15	LA3-7700
Mass	Henry P Segel Co., Inc	386 Washington St, Brookline 46, Mass	BE2-7525
Miss	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL5-5781
Mo	Automatic General Sales	6550 B Troost Ave, Kansas City 10, Mo	DE3-8206
Mont	Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	PE3-5528
Neb	Automatic General Sales	6550 B Troost Ave, Kansas City 10, Mo	DE3-8206
Nev	Robert G Moye Co	116 S. Stoneman Ave, Alhambra, Cal	CU3-1669
NH	Henry P Segel Co., Inc	386 Washington St, Brookline 46, Mass	BE2-7525
NJ	William Drew Co	145 N. Narbeth Ave, Narbeth, Pa	MO4-8331
NM	Automatic General Sales	6550 B Troost Ave, Kansas City 10, Mo	DE3-8206
NY	Martin P Andrews Inc	319 Mott Rd, Fayetteville, NY	NE7-6405
NC	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL5-5781
Ohio	Scott & Steffen Inc	1836 Euclid Ave, Cleveland 15, Ohio	TO1-2626
Okla	Automatic General Sales	6550 B Troost Ave, Kansas City 10, Mo	DE3-8206
Ore	M K Widdekind Co	222 First Ave, N., Seattle 9, Wash	AT4-4869
Pa	Scott & Steffen Inc	1836 Euclid Ave, Cleveland 15, Ohio	TO1-2626
Pa	William Drew & Co	145 N. Narbeth, Narbeth, Pa	MO4-8331
RI	Henry P Segel Co., Inc	386 Washington St, Brookline 46, Mass	BE2-7525
SC	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL5-5781
SD	Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	PE3-5528
Tenn	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL5-5781
Tex	Automatic General Sales	3824 Mockingbird Ln, Dallas 5, Tex	LA1-7876
Utah	Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	PE3-5528
Vt	Henry P Segel Co., Inc	386 Washington St, Brookline 46, Mass	BE2-7525
Va	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL5-5781
Wash	M K Widdekind Co	222 First Ave, N., Seattle 9, Wash	AT4-4869
W. Va	Scott & Steffen Inc	1836 Euclid Ave, Cleveland 15, Ohio	TO1-2626
Wyo	Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	PE3-5528
Foreign	Nathan Exporting	458 Broadway, New York 13, NY	WA5-1257
Canada	Conway Electronic Enterprises	1514 Eglinton Ave, W., Tor 10, Ont, Can	RU3-6576
	FREEMAN CO	**8th & Walnut Sts, Yankton, SD**	**NO5-2829**
	45-1120		
Cal	Wallace & Wallace	1206 Maple Ave, Los Angeles 15, Cal	RI7-0401
	FRENCHTOWN PORCELAIN CO	**Frenchtown, NJ**	**996-2121**
	W Glasby A 65-240-900-985-1545-1615-1875-1980-1890		
Ariz	Frank O Bates	9227 8th Ave, Inglewood 4, Cal	PL4-9616
Cal	Frank O Bates	9227 8th Ave, Inglewood 4, Cal	PL4-9616
Conn	Hathaway Electronics Inc	P.O Box 797, Canaan, Conn	TA4-7215
Ill	S C Blaker Co	2353 N. California Ave, Chicago 47, Ill	BR8-1220
Ind	S C Blaker Co	2353 N. California Ave, Chicago 47, Ill	BR8-1220
Me	Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0380
Mass	Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0380
Mich	S C Blaker Co	2353 N. California Ave, Chicago 47, Ill	BR8-1220
NH	Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0380
NM	Frank O Bates	9227 8th Ave, Inglewood 4, Cal	PL4-9616
Ore	Frank O Bates	9227 8th Ave, Inglewood 4, Cal	PL4-9616
RI	Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0380
Tex	Frank O Bates	9227 8th Ave, Inglewood 4, Cal	PL4-9616
Vt	Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0380
Wash	Frank O Bates	9227 8th Ave, Inglewood 4, Cal	PL4-9616
Wisc	S C Blaker Co	2353 N. California Ave, Chicago 47, Ill	BR8-1220
	FREQUENCY STANDARDS DIV HARVARD INDUSTRIES INC	**Box 504, Asbury Park, NJ**	**PR6-8209**
	G Enoes #15 *135 E 195-670-895-1135-1425-1870-1895-1900-1902		
Ariz	McCarthy Assoc	111 Osborn W. Phoenix	CR9-1891
Ark	Airep Eng	Box 9555, Dallas, Tex	TA4-3800
Cal	McCarthy Assoc	1055 E. Walnut St. Pasadena	MU1-7411
Conn	Geo Gregory Assoc	Box 243, Cheshire	AT8-2900
Del	Wilco Associates	733 15th St, N.W., Washington 5, DC	EX3-0451
DC	Wilco Associates	733 15th St, N.W., Washington 5, DC	EX3-0451
DC	Wilco Assoc (Govt)	2000 K St. NW, Wash	FE3-6770
Ill	Zak & Assoc	7730 Carondelet, St. Louis 5, Mo	PA7-8559
Iowa	Zak & Assoc	7730 Carondelet, St. Louis 5, Mo	PA7-8559
Me	Geo Gregory Assoc	7 Erie Dr. Natick, Mass	OL5-1330
Md	Wilco Associates	733 15th St, N.W., Washington 5, DC	EX3-0451
Mass	Geo Gregory Assoc	7 Erie Dr. Natick	OL5-1330
Minn	Zak & Assoc. Inc	7730 Carondelet, St. Louis, Mo	PA7-8559
Mo	Zak & Assoc. Inc	7730 Carondelet, St. Louis 5	PA7-8559
NH	Geo Gregory Assoc	7 Erie Dr. Natick, Mass	OL5-1330
NJ	Bonn Associates	57 New St. Metuchen	LI9-9573
NY	Naco Elec	119 Luther, Liverpool	GR4-7481
NY	Naco Elec	74 Park Ave. Rochester	LU6-9040
NY	Bonn Associates	57 New St. Metuchen, NJ	LI9-9573
Okla	Airep Eng	Box 9555, Dallas, Tex	TA4-3800
Ore	H Levinson & Co	1211 E. Denny Way, Seattle, Wash	EA3-5100
Pa	Bonn Associates	2 Evans Ln. Marlton	HA9-1184
RI	Geo Gregory Assoc	7 Erie Dr. Natick, Mass	OL5-1330
Tex	Airep Engineering	P O Box 9555, Dallas 14, Tex	TA4-3800
Vt	Geo Gregory Assoc	7 Erie Dr. Natick, Mass	OL5-1330
Va	Wilco Associates	733 15th St, N.W., Washington 5, DC	EX3-0451
Wash	H Levinson & Assoc	1211 E. Denny Way, Seattle	EA3-5100
W. Va	Wilco Associates	733 15th St, N.W., Washington 5, DC	EX3-0451
Wis	Zak & Assoc. Inc	7730 Carondelet, St. Louis, Mo	PA7-8559
Foreign	Frazar & Hansen	301 Clay St, San Francisco 11, Cal	EX2-5112
•	**FRONTIER ELECTRONICS CO**	**4606 Memphis Ave. Cleve 9, Ohio**	**SH9-0700**
	D Berg #20 *75 E 325-338-365-415-515-895-1150-1395-1810-1870		
	FUGLE-MILLER LABS INC	**301 Central Ave, Clark, NJ**	**FU1-2727**
	C Miller #3 *50 C		
NY	H C Johnson Agency, Inc	111 Mt Hope Ave, Rochester, NY	HO6-1090
NY	Bauma Electronic Sales	44 Cranberry Ln, Bethpage, NY	WE1-7769
Pa	Pacent Engineering Corp	119 E Butler Ave, Ambler, Pa	MI6-0405
•	**FUJI TSUSHINKI SEIZO KK**	**2, 3-Chome, Marunouchi Chiyoda-ku, Tokyo, Japan**	**281-4221**
	S Matsuo #1,500 *10,000 G 220-325-338-345-415-1135-1425-1460-1475-1765-1770-1860-1870-1995		
Cal	Nissho Pacific Corp	120 Montgomery St. San Francisco 4	YU2-7901
Cal	Nissho Pacific Corp	Los Angeles 14	MA7-7691
Ill	Nissho American Corp	140 S Dearborn St. Chicago 3	CE6-1950
NY	Nissho American Corp	80 Pine St. New York 5	WH3-7840
	FULLER CO., H B	**255 Eagle St, St. Paul 2, Minn**	**CA2-0505**
	30-315-1240		
Cal	H B Fuller Co	57 S. Linden Ave, S. San Francisco, Cal	PL6-5450
Cal	H B Fuller Co	3250 Minus Ave, Los Angeles, Cal	AN3-2113
Ga	H B Fuller Co	655 Mead St, S.E., Atlanta, Ga	MA2-3502
Ill	H B Fuller Co	904 W. Blackhawk St, Chicago, Ill	MI2-6[illegible]
Kan	H B Fuller Co	200 Funston Rd, Kansas City, Kan	FI2-3615
Minn	H B Fuller Co	1144 Eustis St., St. Paul, Minn	MI6-8641
NJ	H B Fuller Co	1201 Fuller Rd, Linden, NJ	WA5-2272
NY	H B Fuller Co	1934 Elmwood Ave, Buffalo, NY	RI[illegible]366
Ohio	H B Fuller Co	4020 Cherry St, Cincinnati, Ohio	MU1-5420
Ohio	H B Fuller Co	4819 Industrial Ct, St. Bernard, Ohio	AV1-4559
Ore	H B Fuller Co	3332 N.W. Yeon, Portland, Ore	CA6-3434
Tenn	H B Fuller Co	802 Royal Ave, Memphis, Tenn	JA6-4212
Tex	H B Fuller Co	2217 Laws St, Dallas, Tex	RI7-7315
	FULTON SYLPHON DIV., ROBERTSHAW FULTON CONTROLS CO	**P. O. Box 400, Knoxville, Tenn**	**4-1641**
	L Dysart *1200 G 80-360-895		
Ala	Haydn Myer Co., Inc	1117 7th Ave, S., Birmingham 5, Ala	FA2-5645
Alaska	Heating Service Co., Inc	314 9th Ave, N., Seattle 9, Wash	MA8660
Ariz	Carns-Hoagland Co	420 N. 15th Ave, Phoenix, Ariz	AL8-2793
Ark	T J O'Brien Engineering Co	915 W Second St, Little Rock, Ark	
Cal	Robertshaw Fulton Controls Co	3111 E. Imperial Hwy, Los Angeles, Cal	NE6-9791
Cal	Norman Brown Co	765 Minna St, San Francisco, Cal	UN1-0144
Colo	Herman & von Rosenberg	1051 11th St, Denver, Colo	AC2-2033
Conn	Hoyt-Grant Co	P.O. Box 6157, New Haven 17, Conn	CH8-4447
Del	Robertshaw Fulton Controls Co	21 Euclid Ave, Haddonfield, NJ	HA8-3334
DC	Robertshaw Fulton Controls Co	734 15th St, N.W., Washington 5, DC	DI7-1379
Fla	Roger Magnamara	214 Church & Main Bldg, Orlando, Fla	GA2-2272
Ga	Thermal Engineering Co	P.O. Box 12215, Atlanta 5, Ga	CE7-1561
Hawaii	Honolulu Iron Works	P.O. Box 3140, Honolulu 2, Hawaii	
Idaho	Frederick Co	P.O. Box 2152, Spokane 1, Wash	FA8-3590
Idaho	Midgley-Huber Co	44 W. 8th S. St, Salt Lake City 4, Utah	22-2537
Ill	N W Barnes & Co	568 Wrigley Bldg, Chicago 11, ILL	WH4-6552
Ill	R S Stover Co	31/2 W. Main St, Marshalltown, Iowa	5557
Ind	Jackson Engineering Co., Inc	P.O. Box 88121, Indianapolis 2, Ind	ME4-3463
Iowa	R S Stover Co	31/2 W. Main St, Marshalltown, Iowa	5557
Kan	Kirk Campbell Co	1735 Locust St, Kansas City, Mo	VI2-2315
Ky	Allan K Cook Co	604 W. Main St, Louisville 2, Ky	JU7-1259
La	Turner & Co	319 Metairie Rd, Metairie, La	VE4-3641
Me	Crosby & Stegars Inc	P.O. Box 654, Portland 4, Me	SP4-1481-2
Mass	Robertshaw Fulton Controls Co	734 15th St, N.W., Washington, DC	DI7-1379
Md	Robertshaw Fulton Controls Co	238 Main St, Cambridge 42, Mass	TR6-5577
Mich	Robertshaw Fulton Controls Co	8406 W. McNichols Rd, Detroit 21, Mich	UN3-2400
Minn	J E Worley	4441 31st Ave, S., Minneapolis 6, Minn	MI6-1234
Miss	T J O'Brien Eng Co	681 S. Main St, Memphis, Tenn	JA5-0339
Mo	Kirk Campbell Co	1735 Locust St, Kansas City, Mo	VI2-2315
Mo	Robertshaw-Fulton Controls Co	1110 S Brentwood Blvd, St Louis 17, Mo	PA5-0066
Mont	Continental Laboratories Inc	P.O. Box 97, Billings, Mont	
Neb	D E McCulley Co	1303 Jones St, Omaha 2, Neb	WE6373
Nev	Midgley-Huber Co	44 W. Eighth South St, Salt Lake City, Utah	22-2537
NH	Crosby & Stegars Inc	P.O. Box 654, Portland 4, Me	SP4-1481-2
NJ	King & Shepherd	50 Church St, New York 7, NY	CO7-1456
NJ	Robertshaw Fulton Controls Co	21 Euclid Ave, Haddonfield, NJ	HA8-3334
NM	Boyd Engineering Co	P.O. Box 588, Albuquerque, NM	3-2247
NY	King & Shepherd	50 Church St, New York 7, NY	CO7-1456
NY	Robertshaw Fulton Controls Co	Albany Office, Kinderhook, NY	[illegible]
NY	Robertshaw Fulton Controls Co	797 Military Rd, Buffalo 17, NY	DE1515
NC	Chas M Setzer & Co	P.O. Box 1867, Charlotte 1, NC	ED2-3550
NC	Richard K Hunter Co	P.O. Box 4257, Greensboro, NC	BR2-[illegible]
ND	J E Worley	4441 31st Ave, S., Minneapolis 6, Minn	MI6-1234
ND	Continental Laboratories Inc	P.O. Box 97, Billings, Mont	
Ohio	Robertshaw Fulton Controls Co	1891 Lee Rd, Cleveland 18, Ohio	YE2-6242
Ohio	Robertshaw Fulton Controls Co	4566 Cooper Rd, Cincinnati 42, Ohio	TW1-6072
Okla	R G Wetzel Co	3311 E 31st St, Tulsa 9, Okla	LU4-2668
Ore	Bert Farnus Co	Builders Exch Bldg, Portland, Ore	CA7-1756
Pa	Robertshaw Fulton Controls Co	21 Euclid Ave, Haddonfield, NJ	HA8-3334
Pa	Keystone Sales Co	Box 4201, Bellevue Sta, Pittsburgh, Pa	PO1-0626
RI	Robertshaw Fulton Controls Co	238 Main St, Cambridge 42, Mass	TR6-5577
SC	Chas M Setzer & Co	P.O. Box 1867, Charlotte 1, NC	ED2-3550
SD	J E Worley	4441 31st Ave, S., Minneapolis 6, Minn	MI6-1234
SD	Continental Laboratories Inc	P.O. Box 97, Billings, Montana	
Tenn	T J O'Brien Engineering Co	681 S. Main St, Memphis, Tenn	JA6-0339
Tex	Robertshaw-Fulton Controls Co	4101 San Jacinto, Houston 4, Tex	JA9-7756
Utah	Midgley-Huber Co	44 W. Eighth S. St, Salt Lake City 4, Utah	22-2537
Vt	Robertshaw-Fulton Controls Co	238 Main St, Cambridge 42, Mass	TR6-5577
Va	H M Summerell Co	Seaboard Bldg, Richmond 21, Va	
Wash	Heating Service Co	314 Ninth Ave, N., Seattle 9, Wash	MA8660
W. Va	Robertshaw Fulton Controls Co	4566 Cooper Rd, Cincinnati 42, Ohio	TW1-6072
Wisc	N W Barnes & Co	3710 N. 92nd St, Milwaukee 16, Wisc	HO1-2540
Wisc	J E Worley	4441 31st Ave, S., Minneapolis 6, Minn	MI6-1234

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Wyo	Hensen & Von Rosenberg	[illegible] Denver	AC2-[illegible]
Wyo	Continental Laboratories Inc	P.O. Box 57, Billings, Mont	
Foreign	Robertshaw Fulton Controls Co	911 E. Broad St, Richmond 19, Va	MI4-[illegible]

FURANE PLASTICS INC 4516 Brazil St, L A 39, Cal CH5-1151
L Winter #10 *100 30-265-315-510-900-1290-1930

TERR			TEL. NO.
Ala	Dane & Co	PO Box 97, Sandy Springs, Ga	427-3488
Ariz	Fryco	Box 464, Scottsdale, Ariz	WH5-3281
Cal	Ellerie Co	345 California Ave, Palo Alto, Cal	DA6-1665
Colo	C F L Co	1871 S Broadway, Denver 10, Colo	SP7-4381
Conn	Robert J Pettigrew & Co, Inc	10 N. Main St, West Hartford, Conn	AD3-8533
Del	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
DC	Samuel A Jeffries	105 Forrest Ave, Narberth, Pa	MO4-8500
Fla	H R Gross & Co	619 Riverside Dr, Ormond Beach	CL3-7616
Ga	Dane & Co	PO Box 76, Sandy Springs	427-3488
Hawaii	Pacific Marine Supply	Pier 11 - 14, Honolulu 17, Hawaii	
Idah	Stamsco Co, The	5618 Overland Rd, Boise	BO4-9250
Ind	Scott & Steffen, Inc	415 N Pennsylvania Ave, Ind 4	ME5-8951
Iowa	W E Fry & Co, Inc	406 W. 34th Ave, Kansas City 11, Mo	JE1-5236
Kan	Tri-State Sales Co	Box 1543, Wichita 1, Kan	AM7-4022
Ky	Scott & Steffen Inc	308 Francis Bldg, Louisville 2	JU3-3220
La	J Samuel Butler	1211 Valence St, New Orleans, La	TW5-1517
Me	Robert J Pettigrew & Co, Inc	10 N. Main St, West Hartford, Conn	AD3-8533
Md	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Mass	Robert J Pettigrew & Co, Inc	45 Main St, Natick, Mass	OL3-6400
Mich	H Stark & Sons	16147 Meyers Rd, Detroit 25, Mich	UN3-6200
Minn	Dygert & Co	550 Northwestern Bank Bldg, Mnpls 2	FE3-0800
Miss	J Samuel Butler	1211 Valence St, New Orleans, La	TW5-1517
Mo	W E Fry & Co, Inc	406 W. 34th Ave, Kansas City 11, Mo	JE1-5236
Mont	C F L Co	1871 S Broadway, Denver 10, Colo	SP7-4381
Neb	W E Fry & Co, Inc	406 W. 34th Ave, Kansas City 11, Mo	JE1-5236
NH	R S Pettigrew & Co, Inc	10 N. Main St, West Hartford, Conn	AD3-8533
NM	Fryco	Box 464, Scottsdale, Ariz	WH5-3281
NY	Malcolm Bard Co	2563 Baker Ave, Schenectady 9, NY	EX3-2729
NY	Furane Plastics Inc	42 Chester St, Hempstead, NY	IV3-6246
NC	Dane & Co	Box 76, Sandy Springs, Ga	CE7-1490
ND	Dygert Co	550 Northwestern Bank Bldg, Mnpls 2, Minn	FE3-0800
Ohio	Scott & Steffen Inc	1836 Euclid Ave, Cleveland 15, Ohio	TO1-2626
Okla	Herbert B Ellefson Co	201 S. Calhoun St, Fort Worth, Tex	ED5-9555
Ore	Houston Co, Inc	King City Airport, Seattle 8, Wash	PA5-7990
Pa	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
RI	Robert J Pettigrew & Co, Inc	10 N. Main St, West Hartford, Conn	AD3-8533
SC	Dane & Co	Box 76, Sandy Springs, Ga	CE7-1490
SD	Dygert Co	550 Northwestern Bank Bldg, Mnpls 2, Minn	FE3-0600
Tenn	Dane & Co	Box 76, Sandy Springs, Ga	CE7-1490
Tex	Herbert B Ellefson Co	201 S. Calhoun St, Fort Worth, Tex	ED5-9555
Utah	C F L Co	1871 S. Broadway, Denver 10, Colo	SP7-4381
Vt	Robert J Pettigrew & Co, Inc	10 N. Main St, West Hartford, Conn	AD3-8533
Va	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Wash	Houston Co, Inc	N. Annex, King City Airport, Seattle 8	PA5-7990
W. Va	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Wis	J W Coons, Inc	710 E Silverspring Dr, Milwaukee 17	WO2-1211
Wyo	C F L Co	1871 S. Broadway, Denver 10, Colo	SP7-4381

• **FUSITE CORP** 6000 Fernview Ave, Cincinnati 13, Ohio RE1-2020
E Tingley 16 *200 1545

TERR			TEL. NO.
Ala	Buchanan & Abrams Associates	Box 6026, Orlando, Fla	GA3-6995
Ariz	Shelter-Kare Co	Box 1587, Phoenix	AL8-7893
Ark	John B Quenther	4533 N. Central Expwy, Dallas, Tex	LA8-6286
Cal	E E Starr	4111 Rhodes Ave, N. Hollywood, Cal	TR7-5879
Cal	R R Slater	420 Market St, San Francisco, Cal	EX2-9154
Conn	Richard Whitehead Associates	57 Whitfield, Guilford, Conn	OL3-3762
Del	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
DC	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Fla	Buchanan & Abrams Associates	Box 6026, Orlando, Fla	GA3-6995
Ga	Buchanan & Abrams Associates	Box 6026, Orlando, Fla	GA3-6995
Idaho	R R Slater	Terminal Sales Bldg, Seattle, Wash	MA3860
Ill	Furnstahl-Young Sales Co	8147 Delmar Blvd, St. Louis 24, Mo	PA5-7701
Ill	Harry W Gebhard Co	5129 Devon Ave, Chicago 31, Ill	RO3-3636
Ind	Jack Hudnall	Box 304, Terrace Park, Ohio	TE1-4613
Iowa	Furnstahl-Young Sales Co	8147 Delmar Blvd, St. Louis 24, Mo	PA5-7701
Iowa	Furnstahl-Young Sales Co	5053 Broadway, Kansas City 11, Mo	VA1-5330
Kan	Furnstahl-Young Sales Co	5053 Broadway, Kansas City 11, Mo	VA1-5330
Ky	Jack Hudnall	Box 304, Terrace Park, Ohio	TE1-4613
La	John B Quenther	4533 N. Central Expwy, Dallas, Tex	LA8-6286
Me	Landley Sales Corp	694 Main St, Waltham, Mass	TW3-6064
Md	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Mass	Landley Sales Corp	694 Main St, Waltham, Mass	TW3-6064
Mich	Widewell Sales Co	2315 W. 117 St, Cleveland, Ohio	WI1-2700
Minn	Heimann & Co	1711 Hawthorne, Minneapolis, Minn	FE2-5457
Miss	Buchanan & Abrams Associates	Box 6026, Orlando, Fla	GA3-6995
Mo	Furnstahl-Young Sales Co	8147 Delmar Blvd, St. Louis 24, Mo	PA5-7701
Mo	Furnstahl-Young Sales Co	5053 Broadway, Kansas City 11, Mo	VA1-5330
Neb	Furnstahl-Young Sales Co	5053 Broadway, Kansas City 11, Mo	VA1-5330
NH	Landley Sales Corp	694 Main St, Waltham, Mass	TW3-6064
NJ	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
NJ	Hamilton Electronic Lab	580 Freeman St, Orange, NJ	OR6-5656
NM	Shelter-Kare Co	Box 1587, Phoenix, Ariz	AL8-7893
NY	Hamilton Electronic Lab	580 Freeman St, Orange, NJ	OR6-5656
NY	Martin P Andrews Inc	319 Mott St, Fayetteville, NY	NE7-6406
NC	W E France	517 Midway St, Hendersonville, NC	OX3-4202
ND	Heimann & Co	1711 Hawthorne, Minneapolis 3, Minn	FE2-5457
Ohio	Mid-West Sales Co	2315 W. 117th St, Cleve	WI1-2700
Ohio	Jack Hudnall	Box 304, Terrace Park, Ohio	TE1-4613
Okla	John B Quenther	4533 N. Central Expwy, Dallas, Tex	LA8-6286
Ore	R R Slater	925 Terminal Sales Bldg, Seattle, Wash	MA3860
Pa	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
RI	Landley Sales Corp	694 Main St, Waltham, Mass	TW3-6064
SC	W E France	517 Midway St, Hendersonville, NC	OX3-4202
SD	Heimann & Co	1711 Hawthorne, Minneapolis 3, Minn	FE2-5457
Tenn	Buchanan & Abrams Associates	Box 6026, Orlando, Fla	GA3-6995
Tenn	W E France	517 Midway St, Hendersonville, NC	OX3-4202
Tex	John B Quenther	4533 N. Central Expwy, Dallas, Tex	LA8-6286
Vt	Landley Sales Corp	694 Main St, Waltham, Mass	TW3-6064
Va	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Wash	R R Slater	Terminal Sales Bldg, Seattle, Wash	MA3860

TERR			TEL. NO.
W. Va	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Wisc	Harry W Gebhard Co	5129 W. Devon Ave, Chicago 31, Ill	RO3-3636
Foreign	Fusite N V	Kanaalweg-16, Almelo, Holland	

GB COMPONENTS INC 14621 Arminta St, Van Nuys, Cal ST6-6609
D Lessing #6 *125 120-195-220-315-320-715-895-900-1075-1150-1200-1455-1475

TERR			TEL. NO.
Cal	Shepherd Winters Co	3133 Cahuenga Blvd, Hollywood 28	HO6-2171
Cal	Arthur L Bolton Co	1380 Evelyn St, Menlo Park	DA1-8251
Fla	Geo F Bellman	1219 Newcastle Dr, Orlando	GA5-6800
NJ	Louis R Tessitore	Box 22, Barrington	LI7-1610
Tex	Koch Engr & Sales Co	309 Meadows Bldg, Dallas	EM1-1765

G B ELECTRONICS CORP Sub GEN BRONZE CORP 711 Stewart Ave, Garden City, NY PI1-4400
M Jacquess #100 *300 F 45-180-670-885-895-1135-1395-1550-1555

TERR			TEL. NO.
Cal	G B Electronics Corp	675 Malcolm Ave, Los Angeles, Cal	GR4-1903
Fla	Jaeger-Cordray	1809 E Colonial Dr, Orlando, Fla	CH1-6595
Md	G B Electronics Corp	910 American Bldg, Baltimore 2, Md	PL2-1756
Mass	G B Electronics Corp	P.O. Box 91, Carlisle, Mass	
Ohio	G B Electronics Corp	3654 Sage Crest Dr, Cincinnati 39, Ohio	LI2-3823
Ohio	G B Electronics Corp	3654 Sage Crest Dr, Cincinnati 39, Ohio	LI2-3823

G-C ELECTRONICS CO DIV TEXTRON ELECTRONICS 400 S. Wyman St, Rockford, Ill WO8-9661
D O'Connell 30-45-85-125-130-265-290-315-385-525-625-690-765-770-790-895-900-960-1025-1070-1290-1535-1620-1630-1715-1730-1780-1790-1825-1930-1940

TERR			TEL. NO.
Ala	The Clark Adair Co	1426 High Pt Pl, N.E., Atlanta 6, Ga	TR5-3979
Alas	G O LeBrun	1906 NE. 57th Ave, Portland, Ore	AT8-3142
Ariz	David Muir Sales	612 Coleman St, LA, Cal	SY7-0153
Ark	Tamsco Sales Co	4524 Lochinvar, Memphis, Tenn	
Cal	Harold L Newman	56 - 41st Ave, San Mateo, Cal	FI1-3433
Cal	David Muir Sales	612 Colman St. LA	SY7-0153
Colo	Stan Clothier & Associates	75 Cody Ct, Denver 15, Colo	BE3-6025
Conn	Mosher & Peyser	945 Great Plain Ave, Needham 92, Mass	HI4-1400
Del	Charles W Lienau Co	9427 Georgia Ave, Silver Springs, Md	JU7-5888
DC	Charles W Lienau Co	9427 Georgia Ave, Silver Springs, Md	JU7-5888
Fla	Winfield Electronic Sales	666 NE. 125th St. N. Miami	PL1-5566
Ga	The Clark Adair Co	1426 NE. High Pt Pl, Atlanta 6, Ga	TR5-3979
Idah	C O LeBrun	1906 NE. 57th Ave, Portland, Ore	SY7-0153
Idaho	Stan Clothier & Associates	75 S. Cody Ct, Denver 15, Colo	BE3-6025
Ill	Markal Sales	2639 W. Peterson, Chicago 45	LO1-7290
Ind	Markal Sales	2639 W. Peterson, Chicago 45, Ill	LO1-7290
Iowa	Theodore B Lowell Assoc	Box 26, Creve Coeur Br. St. Louis, Mo	MI7-1111
Kan	Theodore B Lowell Assoc	Box 26, Creve Coeur Br. St. Louis, Mo	MI7-1111
Ky	Markal Sales	2639 W. Peterson, Chicago 45, Ill	LO1-7290
La	Tamsco Sales Co	4524 Lochinvar, Memphis, Tenn	EX8-2014
La	Bertholf Sales Co	4411 Maple Ave, Dallas 19, Tex	LA6-8329
Me	Mosher & Peyser Co	945 Great Plain Ave, Needham 92, Mass	HI4-1400
Md	Chas W Lienau Co	9427 Georgia Ave, Silver Springs	JU7-5888
Mass	Mosher & Peyser Co	945 Great Plain Ave, Needham 92, Mass	HI4-1400
Minn	Pat Aylward	3807 Grand Ave, Mnpls	TA4-6266
Miss	Tamsco Sales Co	4524 Lochinvar, Memphis, Tenn	EX8-2014
Miss	The Clark Adair Co	1426 N.E. Highpoint Pl, Atlanta 6, Pa	TR5-3979
Mont	Stan Clothier & Associates	75 S. Cody Ct, Denver 15, Colo	BE3-6025
Neb	Theodore Lowell & Assoc	Box 26, Creve Coeur Br. St. Louis, Mo	MI7-1111
Nev	David Muir Sales	612 E. Colman, Altadena, Cal	SY7-0153
Nev	Harold L Newman	56 - 41st Ave, San Mateo, Cal	FI1-3433
NH	Mosher & Peyser Co	945 Great Plain Ave, Needham 92, Mass	HI4-1400
NJ	Chas W Lienau Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
NJ	Erde Haviland Assoc	27 Hempstead Ave, Malverne, NY	LY9-6500
NM	Stan Clothier & Associates	75 S. Cody Ct, Denver 15, Colo	BE3-6025
NY	Erde Haviland Assoc	27 Hempstead Ave, Malverne	LY9-6500
NY	William Tauber	151 Fayette Blvd, Syracuse 3	GR4-5224
NC	The Clark Adair Co	1426 N.E. Highpoint Pl, Atlanta 6, Ga	TR5-3979
ND	Pat Aylward	3807 Grand Ave, Mnpls, Minn	TA4-6266
Ohio	F A Daugherty Co	6025 Mayfield Rd, Cleve	HI9-1122
Okla	Bertholf Sales Co	4411 Maple Ave, Dallas 19, Tex	LA6-8329
Ore	J C LeBrun	1906 NE. 57th Ave, Portland	AT8-3412
Pa	Chas W Lienau Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
Pa	Newman Sales Co	66 Pilgrim Rd, Carnegie	BR9-3869
RI	Mosher & Peyser Co	945 Great Plain Ave, Needham 92, Mass	HI4-1400
SC	The Clark Adair Co	1426 N.E. Highpoint Pl, Atlanta 6, Ga	TR5-3979
SD	Pat Aylward	3807 Grand Ave, Mnpls, Minn	TA4-6266
Tenn	The Clark Adair Co	1426 N.E. Highpoint Pl, Atlanta 6, Ga	TR5-3979
Tenn	Tamsco Sales	4524 Lochinvar, Memphis	EX8-2014
Tex	Stan Clothier & Associates	75 S. Cody Ct, Denver, Colo	BE3-6025
Utah	Stan Clothier & Associates	75 S. Cody Ct, Denver, Colo	BE3-6025
Vt	Mosher & Peyser Co	945 Great Plain Ave, Needham 92, Mass	HI4-1400
Va	Chas W Lienau Co	9427 Georgia Ave, Silver Springs, Md	JU7-5888
Va	The Clark Adair Co	1426 Highpoint Pl, N.E., Atlanta 6, Ga	TR5-3979
Wash	J G LeBrun	1906 NE. 57th Ave, Portland, Ore	AT8-3412
W Va	Newman Sales Co	86 Pilgrim Rd, Carnegie, Pa	BR9-3869
Wis	Markal Sales Co	2639 W. Peterson, Chicago, Ill	LO1-7290
Wyo	Stan Clothier & Associates	75 S. Cody Ct, Denver, Colo	BE3-6025
Canada	D Elson McLennan	1614 W. 3rd Ave, Vancouver, B C, Can	BA2-[illegible]
Canada	Charles W Pointon Ltd	66 Racine, Rexdale, Ontario, Canada	LE4-7984
Foreign	E D Magnus & Associates	164 W. Randolph St, Chicago, Ill	FR2-8785

G-L ELECTRONICS CO. INC 300 Harvard Ave, Westville, NJ GL6-7300
H Slough #12 *191 E 380

TERR			TEL. NO.
Ala	W A Brown & Assoc. Inc	201 Capron Rd, Indian River City, Fla	AM7-0411
Ariz	Fryco	Box 464, Scottsdale	WH5-3281
Ark	Hal F Corry Co	6315 Hillcrest Ave, Dallas 5, Tex	LA8-9172
Cal	Beall Electronics Sales Co	Box 307, Palo Alto	DA1-8501
Cal	Ray Carlis	23087 Doheny St, Woodland Hills	DI8-2796
Colo	Electrical Specialty Co	2026 Arapahoe St. Denver 5	CH4-4558
Conn	Henry Lavin Assoc	Box 190, Meriden	BE7-5527
Del	W A Brown & Assoc. Inc	3610 Mt Vernon Ave, Alexandria, Va	TE6-1900
DC	W A Brown & Assoc. Inc	3610 Mt Vernon Ave, Alexandria, Va	TE6-1900
Fla	W A Brown & Assoc. Inc	201 Capron Rd, Indian River City	AM7-0411
Ga	W A Brown & Assoc. Inc	201 Capron Rd, Indian River City, Fla	AM7-0411
Idah	Myron R Smith & Co	717 Mich. St, Seattle 8, Wash	PA5-1665
Ill	Harry W Gebhard Co	5129 W. Devon Ave, Chicago 46	RO3-3636
Ind	R O Whitesell & Assoc	6620 E. Wash. St, Indpls 19	FL9-5374
Ind	R O Whitesell & Assoc	203 W. Wayne St, Ft. Wayne	
Kan	W E Fry & Co. Inc	406 W. 34th St, KC 11, Mo	TE1-5236
Ky	R O Whitesell & Assoc	6620 E. Wash. St, Indpls 19, Ind	FL9-5374
La	Hal F Corry Co	6315 Hillcrest Ave, Dallas 5, Tex	LA8-9172

TERR			TEL. NO.
Me	Henry Lavin Assoc	Box 190, Meriden, Conn	BE7-4427
Md	W A Brown & Assoc. Inc	3610 Mt Vernon Ave, Alexandria, Va	TE6-1900
Mass	Henry Lavin Assoc	Box 190, Meriden, Conn	BE7-5527
Mich	Hillitronics Inc	13720 Puritan Ave, Detroit 27	BR2-4330
Minn	Hamilton & Bayle Assoc. Inc	3259 Republic Ave, Mnpls 26	WE9-7891
Miss	W A Brown & Assoc. Inc	201 Capron Rd, Indian River City, Fla	AM7-0411
Mo	W E Fry & Co. Inc	406 W. 34th St, KC 11	TE1-5236
Mo	W E Fry & Co. Inc	8606 W. Florissant Ave, St. Louis	EV2-3500
Mont	Myron R Smith & Co	717 Mich. St, Seattle 8, Wash	PA5-1665
NH	Henry Lavin Assoc	Box 190, Meriden, Conn	BE7-5527
NJ	Francis J Hayes	618 Syracuse Ave, Massapequa, NY	PE1-0506
NM	Fryco	Box 464, Scottsdale, Ariz	WH5-3281
NY	Francis J Hayes	618 Syracuse Ave, Massapequa	PE1-0506
NY	J Lazer Assoc. Inc	390 E. Highland Dr, Rochester 10	GR3-6331
NC	W A Brown & Assoc	201 Capron Rd, Indian River City, Fla	TI[illegible]
ND	Beall Electronic Sales Co	Box 307, Palo Alto, Cal	DA1-8501
Ohio	R O Whitesell & Assoc	2680 Far Hills Bldg, Dayton	AX8-4261
Okla	Hal F Corry Co	6315 Hillcrest Ave, Dallas 5, Tex	LA8-9172
Ore	Myron R Smith & Co	717 Mich. St, Seattle 8, Wash	PA5-1665
Pa	Joseph Durning	5148 Keyser St, Philadelphia	VI8-4680
Pa	Robco Sales & Eng. Service	2403 1st Natl Bank Bldg, Pittsbgh	GR1-7272
RI	Henry Lavin Assoc. Inc	Box 190, Meriden, Conn	BE7-5527
SC	W A Brown & Assoc. Inc	201 Capron Rd, Indian River City, Fla	AM7-0411
Tenn	W A Brown & Assoc. Inc	201 Capron Rd, Indian River City, Fla	AM7-0411
Tex	Hal F Corry Co	6315 Hillcrest Ave, Dallas 5	LA8-9172
Vt	Henry Lavin Assoc	Box 190, Meriden, Conn	BE7-5527
Va	W A Brown & Assoc. Inc	3610 Mt Vernon Ave, Alexandria	TE6-1900
Wash	Myron R Smith & Co	717 Mich. St, Seattle 8	PA5-1665
W Va	Robco Sales & Eng. Service	2403 1st Natl. Bank Bldg, Pittsbgh 22, Pa	GR1-7272
Wis	Hamilton & Bayle Assoc. Inc	3259 Republic Ave, Mnpls 26, Minn	WE9-7891
Wis	Harry W Gebhard Co	5129 W. Devon Ave, Chicago 46, Ill	RO3-3636
Wyo	Electrical Specialty Co	2026 Arapahoe St, Denver 5, Colo	CH4-4558

GM DIESEL GENERAL MOTORS CORP 13400 W. Outer Dr, Detroit 28, Mich KE1-7100
895

TERR			TEL. NO.
Cal	G M Diesel	225 Montgomery St, San Francisco 4, Cal	EX7-[illegible]
Ga	G M Diesel	[illegible] Atlanta 5	CE7-[illegible]
Ill	G M Diesel	[illegible] Chicago	AN3-7137
Mich	G M Diesel	[illegible]	PA1-[illegible]
NY	G M Diesel	[illegible] New York 19, NY	PL7-[illegible]
Tex	G M Diesel	[illegible] Dallas 2, Tex	RI1-[illegible]

• **G-M LABORATORIES INC** 4300 N. Knox Ave, Chicago, Ill PE6-1800
895-1165

TERR			TEL. NO.
Ariz	R E McClendon & Co	[illegible] Albuquerque, NM	CH3-4551
Conn	J J Baron	1250 Ave V, Brooklyn 29, NY	DE9-1375
DC	P C Cameron	[illegible] Washington 6, DC	[illegible]
Me	Paonit-Welling Co	Statler Office Bldg, Boston, Mass	HA6-2240
Md	J J Baron	1250 Ave V, Brooklyn 29, NY	DE9-1375
Mass	Paonit-Welling Co	Statler Office Bldg, Boston, Mass	HA6-2240
NH	Paonit-Welling Co	Statler Office Bldg, Boston, Mass	HA6-2240
NJ	J J Baron	1250 Ave V, Brooklyn 29, NY	DE9-1375
NM	R E McClendon & Co	915 Yale Blvd, S.E., Albuquerque, NM	CH3-4551
NY	J J Baron	1250 Ave V, Brooklyn 29, NY	DE9-1375
Pa	J J Baron & Co	1250 Ave V, Brooklyn 29, NY	DE9-1375
RI	Paonit-Welling Co	Statler Office Bldg, Boston, Mass	HA6-2240
Tex	R E McClendon & Co	137 Walnut Hill Village, Dallas 20, Tex	FL2-4054
Vt	Paonit-Welling Co	Statler Office Bldg, Boston, Mass	HA6-2240

GPE CONTROLS INC. 240 E. Ontario St, Chicago 11, Ill WH4-3700
20-338-360-670-895-1265-1850

TERR			TEL. NO.
Ala	McConnell Sales & Engineering Corp	1861-28th Ave, S., Birmingham 9, Ala	TR1-3501
Cal	GPE Controls Inc	40 E. Verdugo Ave, Burbank, Cal	TH5-1784
Cal	Bojanower Machinery Service Co	5270 E. Washington Blvd, Los Angeles	AN3-6175
Colo	Peterson Co	4949 Colorado Blvd, Denver 16, Colo	DE3-5434
La	E C Deshautreaux Jr	P.O. Box 301, Kenner, La	KE2-4655
Mich	GPE Controls Inc	20101 James Couzens Hwy, Detroit, Mich	VE8-6003
Mo	W C Carolan Co	612 W. 47th St, Kansas City 12, Mo	JE1-5005
NJ	GPE Controls Inc	175 Market St, Paterson 1, NJ	LA5-0561
NY	GPE Controls Inc	14 Lafayette Sq, Buffalo, NY	MO0947
Ohio	GPE Controls Inc	1836 Euclid Ave, Cleveland 15, Ohio	CH1-1613
Ohio	Harry T Porter Co	501 Worthington Ave, Cincinnati 15, Ohio	PO1-2500
Pa	GPE Controls Inc	400 Old York Rd, Jenkintown, Pa	TU6-5165
Pa	GPE Controls Inc	206-4th St, Pittsburgh 22, Pa	GR1-7185
SC	Marshall & Williams Equipment Co	P.O. Box 5225, Sta B, Greenville, SC	CE2-7338
Tenn	Earls Co., The	1615 Dunaway St, Houston 19, Tex	JA5-1646
Tex	Wright Industrial Products Co	5700 N. Central Expwy, Dallas 6, Tex	TA4-2571
Utah	Specialty Sales Co	117 W. 2nd South St, Salt Lake City 1, Utah	DA2-5553
Canada	Process-Instrument Systems Ltd	44 Hobbs Rd, Toronto, Rexdale P.O. Can	CH1-4401

GPL DIV GEN'L PRECISION INC 63 Bedford Rd, Pleasantville, NY RO9-500
R Tate #500 *2,000 338-895-1135-1395

TERR			TEL. NO.
Ala	W A Brown Associates	201 Capron Rd, Indian River City, Fla	
Alaska	Elliot Electronics	320 Fifth Ave, Anchorage, Alaska	AN3-4111
Ark	J Y Schoonmaker Co	5128 Redfield Ave, Dallas, Tex	LA6-7238
Cal	T S Tremor (GPL)	7803 Lemona Ave, Van Nuys	
Cal	R M Brunson Associates	7946 Girard Ave, La Jolla, Cal	
Colo	Kister Electric Co	520 E. Colorado St, Colorado Springs, Colo	
Del	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	TI-1086
DC	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	TI-1086
DC	C T French (GPL)	724 14th St, Washington 5	
Fla	W A Brown Associates Inc	201 Capron Rd, Indian River City, Fla	TI1086
Ga	W A Brown Associates Inc	201 Capron Rd, Indian River City, Fla	TI1086
Idaho	Dan + Burcham Co	521 N.W. 19th Ave, Portland 9, Ore	CA6-4141
Ill	Illinois Electronic Systems	1219 Howard St, Evanston, Ill	BR3-3535
Ind	Illinois Electronic Systems	1219 Howard St, Evanston, Ill	BR3-3535
Ky	W A Brown Associates Inc	201 Capron Rd, Indian River City, Fla	TI1086
La	J Y Schoonmaker Co	5128 Redfield Ave, Dallas, Tex	LA6-7238
Md	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	TI1086
Minn	Arnie Technical Sales	Box 271B, Rt 2, Osseo, Minn	LI5-6595
Miss	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	
Mont	Dan + Burcham Co	521 N.W. 19th Ave, Portland 9, Ore	CA6-4141
NM	Kittleson Co	P.O. Box 803, Alamogordo, NM	HE7-2[illegible]
NC	W A Brown & Associates	201 Capron Rd, Indian River City, Fla	
ND	Arnie Technical Sales	Box 271B, Rt 2, Osseo, Minn	LI5-6595
Ohio	E M Lilavski	318 W. 1st St, Dayton 25, Ohio	BA4-0871
Okla	J Y Schoonmaker Co	5128 Redfield Ave, Dallas, Tex	LA6-7238

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ore	Don H Burcham Co	510 N.W. 19th Ave, Portland 9, Ore	CA6-4148
Pa	G P L	63 Bedford Rd, Pleasantville, NY	TR1-[illegible]
SC	W A Brown Associates Inc	211 Capron Rd, Indian River City, Fla	
SD	Arrow Technical Sales	Box 273, Rt 2, Osseo, Minn	LI5-6595
Tenn	W A Brown Associates Inc	211 Capron Rd, Indian River City, Fla	
Tex	W H Bigger	6300 N. Central Expwy, Dallas 6, Tex	EM1-5522
Tex	J Y Schoonmaker Co	5328 Redfield Ave, Dallas, Tex	LA6-7238
Va	W A Brown Associates Inc	211 Capron Rd, Indian River City, Fla	
Wash	Don H Burcham Co	510 N.W. 19th Ave, Portland 9, Ore	CA6-4148
W. Va	W A Brown Associates Inc	211 Capron Rd, Indian River City, Fla	
Wisc	Arrow Technical Sales	Box 273B, Rt 2, Osseo, Minn	LI5-6595
Wisc	Illinois Electronic Systems	1219 Howard St, Evanston, Ill	BR3-3935
Canada	Northern Electric Co Ltd	250 Sidney St, Belleville, Ontario, Canada	WO2-4511
For	Mitsubishi Electric Mfg Co	2-3 Marunouchi, Chiyoda-Ku, Tokyo, Jap	
Foreign	General Precision Systems Ltd	Aylesbury, Buckinghamshire, England	
Foreign	Societe D'Applications Gen D'Electricite & De Mecanique	6 Avene d'Iena, Paris (16), France	
	GPS INSTRUMENT CO. INC	**180 Needham St. Newton 64, Mass**	**DE2-8110**
	D Trotsky #8 *38 C 338-340		
	G-V CONTROLS INC	**Okner Pkwy, Livingston, NJ**	**WY2-6200**
	F Stockton III #12 *160 E 1460-1735-1805-1810		
Ala	C Nickerson Co	625 Medlock Rd, Decatur, Ga	ME6-2752
Alaska	Arva Inc	1320 Prospect St, Seattle Wash	MA2-0177
Ariz	M A Stolaroff Co., Inc	4622 W. Slauson Ave, Los Angeles, Cal	AX3-6226
Ark	Walter E Bornemann	4719 Cartier Ave, New Orleans, La	FA2504
Cal	M A Stolaroff Co., Inc	4622 W. Slauson Ave, L A, Cal	AX3-6226
Cal	Dewco Sales Inc	6917 San Fernando Rd, Glendale	VI9-6101
Colo	Hytronics Measurements Inc	1295 S Bannock, Denver	PE3-3701
Conn	Todino Engineering Sales Inc	50 Kearny Rd, Needham Hieghts, Mass	HI4-7925
Del	L G White & Co	880 Bonifant St, Silver Spring, Md	JU5-3141
DC	L G White Co	880 Bonifant St, Silver Spring, Md	JU5-3141
Fla	Frank C Nickerson Co	Box 956, Maitland	[illegible]-3732
Ga	Frank C Nickerson Co	625 Medlock Rd, Decatur	ME6-2752
Hawaii	Arva Inc	1320 Prospect St, Seattle Wash	MA2-0177
Idaho	Arva Inc	1320 Prospect St, Seattle, Wash	MA2-0177
Ill	Bierhaus-Balhorn Sales Inc	7185 Armitage Ave, Chicago	TU9-5011
Ill	W E Fry Co	6616 W. Florissant Ave, St. Louis, Mo	EV2-3900
Ind	Tant Enterprises Inc	16257 Meyers Rd, Detroit, Mich	UN3-2665
Ind	Technical Associates Inc	4475 Lander Rd, Chagrin Falls, Ohio	TE1-9884
Iowa	H M Richardson Co., Inc	9 E. 22nd St, Minneapolis, Minn	FE6-4078
Kan	W R Fry Co., Inc	406 W. 34th St, Kansas City, Mo	JE1-5236
Ky	Technical Associates Inc	4475 Lander Rd, Chagrin Falls, Ohio	TE1-9884
La	Walter E Bornemann	4719 Cartier Ave, New Orleans, La	FA2504
Me	Todino Engineering Sales Co., Inc	50 Kearny Rd, Needham Heights, Mass	HI4-7925
Md	L G White & Co	880 Bonifant St, Silver Spring, Md	JU5-3141
Mass	Todino Engineering Sales Co., Inc	50 Kearny Rd, Needham Heights, Mass	HI4-7925
Mich	Tant Enterprises Inc	16257 Meyers Rd, Detroit	UN3-2665
Minn	H M Richardson & Co	9 E. 22nd St, Minneapolis, Minn	FE6-4078
Miss	Walter E Bornemann	4719 Cartier Ave, New Orleans, La	FA2504
Mo	W R Fry Co., Inc	406 W. 34th St, Kansas City, Mo	JE1-5236
Mont	Arva Inc	1320 Prospect St, Seattle, Wash	MA2-0177
Neb	W R Fry Co., Inc	406 W. 34th St, Kansas City, Mo	JE1-5236
Nev	Dewco Sales Inc	6917 San Fernando Rd, Glendale, Cal	VI9-6101
NH	Todino Engineering Sale Co., Inc	50 Kearney Rd, Needham Heights, Mass	HI4-7925
NJ	B B Taylor Corp	2270 Grand Ave, Baldwin, NY	BA3-8000
NJ	L G White & Co	108 Forrest Ave, Narberth, Pa	MO4-6505
NM	Hytronic Measurements Inc	1295 S. Bannock, Denver, Colo	SH4-2241
NY	B B Taylor Corp	2270 Grand Ave, Baldwin	BA3-8000
NY	Alan E DeCew Agency	P.O. Box 207, Sodus, NY	SO3261
NC	L G White & Co	2060 Beach St, Winston-Salem	PA5-3616
ND	H M Richardson & Co	9 E. 22nd St, Minneapolis, Minn	FE6-4078
Ohio	Technical Associates Inc	4475 Lander Rd, Chagrin Falls	TE1-9884
Okla	Wright Industrial Products	5738 N Central Expwy, Dallas, Tex	TA4-2571
Ore	Arva Inc	1320 Prospect St, Seattle, Wash	MA2-0177
Pa	L G White & Co	108 Forrest Ave, Narberth, Pa	MO4-6505
Pa	Technical Associates Inc	4475 Lander Rd, Chagrin Falls, Ohio	TE1-9884
RI	Todino Engineering Sales Co., Inc	50 Kearney Rd, Needham Hgts, Mass	HI4-7925
SC	Frank C Nickerson Co	625 Medlock Rd, Decatur, Ga	ME6-2752
SD	H M Richardson & Co	9 E. 22nd St, Minneapolis, Minn	FE6-4078
Tenn	Frank C Nickerson Co	625 Medlock Rd, Decatur, Ga	ME6-2752
Tex	Wright Industrial Products	5738 N Central Expwy, Dallas	TA4-2571
Utah	Hytronics Measurements Inc	1295 S Bannock, Denver, Colo	PE3-3701
Vt	Todino Engineering Sales Co., Inc	50 Kearney Rd, Needham Hgts, Mass	HI4-7925
Va	L G White & Co	880 Bonifant St, Silver Spring, Md	JU5-3141
Wash	Arva Inc	1320 Prospect St, Seattle, Wash	MA2-0177
W Va	Technical Associates Inc	4475 Lander Rd, Chagrin Falls	TE1-9884
Wisc	Bierhaus-Balhorn Sales Inc	7185 W Armitage Ave, Chicago, Ill	TU9-5011
Wyo	Hytronics Measurements Inc	1295 S Bannock, Denver, Colo	PE3-3701
Foreign	Machine & Products Inc	52 Wall St, New York City, NY	WH4-4370
	GABRIEL ELECTRONICS, DIV OF THE GABRIEL CO	**Main & Pleasant Sts, Millis, Mass**	**FR6-2953**
	45-60-670-1135-1950		
Ala	R C Raymond & Associates	P.O. Box 8215, Madeira Beach, Fla	WA1-9735
Ariz	Ralph W Johnson	2101 Oak Valley Rd, Glendale 8, Cal	
Cal	Ralph W Johnson	2101 Oak Valley Rd, Glendale 8, Cal	
Conn	James Kelley	Charles River Park, Medway, Mass	
Fla	R C Raymond & Associates	P.O. Box 8215, Madeira Beach, Fla	WA1-9735
Ga	R C Raymond & Associates	P.O. Box 8215, Madeira Beach, Fla	
Me	James Kelley	Charles River Park, Medway, Mass	
Mass	James Kelley	Charles River Park, Medway, Mass	
NH	James Kelley	Charles River Park, Medway, Mass	
NJ	Harry W Persson Associates	440 Main St, Oxford, Mass	YU7-2075
NM	Ralph W Johnson	2101 Oak Valley Rd, Glendale, Cal	
NY	R P Kennedy Co	182 Mayflower Dr, Rochester, NY	BR1-6322
NY	Harry W Persson Associates	440 Main St, Oxford, Mass	YU7-2075
NC	R C Raymond Associates	P.O. Box 8215, Madeira Beach, Fla	WA1-9735
Pa	Harry W Persson Associates	440 Main St, Oxford, Mass	YU7-2075
RI	James Kelley	Charles River Park, Medway, Mass	
SC	R C Raymond Associates	P.O. Box 8215, Madeira Beach, Fla	WA1-9735
Tenn	R C Raymond Associates	P.O. Box 8215, Madeira Beach, Fla	WA1-9735
Vt	James Kelley	Charles River Park, Medway, Mass	
	GAERTNER SCIENTIFIC CORP	**1239 Wrightwood, Chicago 14, Ill**	**BU1-5335**
	L Higgins #3 *135 E 1015-1140-1210		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	GALLARD-SCHLESINGER CHEMICAL MFG CORP	**1001 Franklin Ave. Garden City, NY**	**PI1-7990**
	C Schwarz *9 F 240-265		
	GAMEWELL CO., THE	**1238 Chestnut, Newton Upper Fls, Mass**	**BI4-1240**
	J Breslin #15 *100 D 1330-1735		
Ala	Frank C Nickerson Co	626 Medlock Rd. Decatur, Ga	ME6-2752
Ariz	Lee Grant Snyder Co	1418 N. Highland Ave, Hollywood, Cal	HO9-6728
Cal	Lee Grant Snyder Co	1418 N. Highland Ave, Hollywood, Cal	HO9-6728
Colo	Spicer Lindsay Associates	4561 E. Evans Ave, Denver Col	SK6-0627
Conn	Electrical Manufacturers Service	PO Box 86, Concord, Mass	EM9-5900
Del	Electrical Manufacturers Service	8 N Lincoln Ave. Wenonah, NJ	UL7-5426
DC	Electrical ManufacturersService	8 N Lincoln Ave. Wenonah, NJ	UL7-5426
Fla	Frank C Nickerson Co	PO Box 956, Maitland	TE8-3782
Ga	Frank C Nickerson Co	626 Medlock Rd. Decatur	ME6-2752
Ill	Engineered Sales Co	4738 N Harlem Ave. Chicago	UN7-8434
Ind	Engineered Sales Co	4738 N Harlem Ave. Chicago, Ill	UN7-8434
Iowa	Engineered Sales Co	4738 N Harlem Ave. Chicago, Ill	UN7-8434
Kan	Robert B Stillhut	12760 Post Oak Rd, St. Louis, Mo	YO5-4663
Me	Electrical Manufacturers Service	PO Box 86, Concord, Mass	EM9-5900
Md	Electrical Manufacturers Service	8 N Lincoln Ave. Wenonah, NJ	UL7-5426
Mass	Electrical Manufacturers Service	PO Box 86, Concord	EM9-5900
Mich	Carl H Schmidt Co	16405 W. Eight Mile Rd, Detroit, Mich	BR3-8500
Minn	Scott Electronic Sales	5209 W 60th St. Mnpls	VE9-2985
Mo	Robert B Stillhut	12760 Post Oak Rd, St. Louis, Mo	YO5-4663
NH	Electrical Manufacturers Service	PO Box 86, Concord, Mass	EM9-5900
NJ	Electrical Manufacturers Service	PO Box 207, Nutley	NO7-2541
NY	Electrical Mfrs Service	105 Hillside Ave, Williston Park, NY	PI2-1616
NC	Frank C Nickerson Co	626 Medlock Rd. Decatur, Ga	ME6-2752
Okla	Howell Sales, Inc	235 SE 14th, Grand Prairie, Tex	AN2-5153
Pa	Electrical Manufacturers Service	8 N Lincoln Ave. Wenonah, NJ	UL7-5426
RI	Electrical Manufacturers Service	PO Box 86, Concord, Mass	EM9-5900
SC	Frank C Nickerson Co	625 Medlock Rd. Decatur, Ga	ME6-2752
Tenn	Frank C Nickerson Co	PO Box 1241, Nashville	
Tex	Howell Sales, Inc	235 SE 14th, Grand Prairie	AN2-5153
Vt	Electrical Manufacturers Service	PO Box 86, Concord, Mass	EM9-5900
Va	Electrical Manufacturers Service	8 N Lincoln Ave. Wenonah, NJ	UL7-5426
Wis	Engineered Sales Co	4738 N Harlem Ave. Chicago, Ill	UN7-8434
Can	Douglas Randall (Can) Ltd	126 Manville Rd. Scarborough, Ont	PL9-7581
	• GAP INSTRUMENT CORP	**5 Main St. Newtown, Conn**	**GA6-2518**
	A Goodrich 150-205-338-390-535-755-1165-1470-1550-1555		
Fla	W E Wolcott Co	Box 1523, Winter Park	MI7-3498
Ill	J H Kleiser Co	177 Sunset Ave. Glen Ellyn	HO9-2297
Ind	F C Valentine, Inc	511 Ft. Wayne Bank Bldg, Fort Wayne	AN9122
Kan	Kemco, Inc	6427 E Kellogg, Wichita 18	MU4-8224
Mass	Ress Engineering Sales	259 Walnut St. Newtonville	LA7-4932
NJ	R P Luce & Co. Inc	7 Beechwood Rd. Summit	CR3-9250
NY	Jim Washington Assoc	257 Winton Rd. N, Rochester 10	GR3-2465
NY	R P Luce & Co. Inc	1300 Jericho Tpk. New Hyde Park	GE7-4550
NC	W E Wolcott Co	3236 Draper Ave. Charlotte 5	
Ohio	F C Valentine Inc	3840 Pleasant Ave. Hamilton	
Pa	R P Luce & Co. Inc	130 Easton Rd. S, Glenside	TU4-8365
Tex	Kemco, Inc	1618 W 6th St. Irving	FL1-5900
Wis	Eder Associates	2603 N Downer Ave. Milwaukee	WO4-3450
	GAR PRECISION PARTS INC	**190 Henry St, Stamford, Conn**	**FI8-2671**
	F Bettenley #4 *85 560-895-1120-1135-1305		
Cal	Engineering Sales & Service Co	3100 Airport Ave, Santa Monica, Cal	EX7-4237
Ind	Otto Sales Co	P.O. Box 55232, Indianapolis 5, Ind	LI6-2452
Kan	Benson Engineering Co	519 S. Broadway, Wichita, Kan	AM2-6971
Md	M & J Associates, Inc	P O Box 24, Timonium	CL2-2127
Mass	R P Mahan Co	South Lincoln, Mass	CL9-9300
Ohio	Roc Associates Inc	P.O. Box 241, Worthington, Ohio	TU5-1057
Tex	Robco	4515 Prentice St, Dallas 6, Tex	EL8-3338
	GARDE MFG CO	**53 John St, Cumberland, RI**	**PA6-4200**
	#1 *60 120-345-715-720-845-905-975-1780-1785		
Ariz	Perlmuth Electronic Assoc	5057 W. Washington Blvd. LA, Cal	WE1-1041
Cal	Perlmuth Electronic Associates	5057 W. Washington Blvd, L A, Cal	WE1-1041
Conn	Henry P Segel Co	386 Washington Ave, Brookline, Mass	BE2-7525
DC	D G Quinlan Co	National Bank Bldg, Ambler, Pa	MI6-7250
Fla	Chris Smith	P.O. Box 1346, Orlando, Fla	OR4-2071
Ill	Wesley L Wilson Co	5912 W. Higgins Ave. Chicago 30	AV2-5535
Ill	Arthur J Ellis Co	1607 Howard St, Chicago, Ill	AM2-2708
Ind	Arthur J Ellis Co	1607 Howard St, Chicago, Ill	AM2-2708
Me	Henry P Segel Co	386 Washington Ave, Brookline, Mass	BE2-7525
Md	D G Quinlan Co	National Bank Bldg, Ambler, Pa	MI6-7250
Mass	Henry P Segel Co	386 Washington Ave, Brookline, Mass	BE2-7525
Mich	R G Dailey Co	201 E. Catherine St, Ann Arbor, Mich	NO8-6908
NH	Henry P Segel Co	386 Washington Ave, Brookline 46, Mass	BE2-7525
NJ	A P Maucelli	P.O. Box 111, Brooklyn 37, NY	HY7-3578
NJ	D G Quinlan Co	National Bank Bldg, Ambler, Pa	MI6-7250
NM	Shefler-Kahn Co	P. O. Box 1587, Phoenix, Ariz	AL8-7893
NY	Arthur F Schultz	96 Oxford Rd, New Hartford, NY	RE2-3266
NY	A P Maucelli	P.O. Box 111, Brooklyn 37, NY	HY7-3578
NC	D G Quinlan Co	National Bank Bldg, Ambler Pa	MI6-7250
Ohio	R G Dailey Co	201 E. Catherine St, Ann Arbor, Mich	NO8-6908
Pa	D G Quinlan Co	National Bank Bldg, Ambler, Pa	MI6-7250
RI	Henry P Segel Co	386 Washington Ave, Brookline 46, Mass	BE2-7525
SC	D G Quinlan Co	National Bank Bldg, Ambler, Pa	MI6-7250
Vt	Henry P Segel Co	386 Washington Ave, Brookline 46, Mass	BE2-7525
Va	D G Quinlan Co	National Bank Bldg, Ambler, Pa	MI6-7250
W.Va	D G Quinlan Co	National Bank Bldg, Ambler, Pa	MI6-7250
Wisc	Arthur J Ellis Co	1607 Howard St, Chicago, Ill	AM2-2708
	GARDINER ELECTRONICS	**2545 E.Indian School Rd, Phoenix, Ariz**	**CR4-9681**
	R Gardiner 895		
	GARDNER-DENVER CO	**S.Front St, Quincy, Ill**	**BA2-5400**
	D Brewer #50 *4000 G 1715-1825		
Ala	Gardner-Denver Co	817 Green Springs Hwy. Birmingham 9	TR1-3543
Alaska	Gardner-Denver Co	615 Eight Ave, S., Seattle 4, Wash	MA4-1115
Ariz	Gardner-Denver Co	7654 E. Slauson Ave, Los Angeles, Cal	RA3-8711
Ariz	Gardner-Denver Co	1704 E. Paisano Dr. El Paso, Tex	LI2-1621
Ark	Gardner-Denver Co	7125 Harry Hines Blvd. Dallas 35, Tex	FL7-4561
Ark	Gardner-Denver Co	309 W. 79 Terrace, KC 14, Mo	DE3-3233
Ark	Gardner-Denver Co	7735 Edinburgh St. New Orleans 25, La	HU6-3756

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ark	Gardner-Denver Co	6011 N. Lindbergh Blvd, Hazelwood, Mo	PE1-2220
Cal	Gardner-Denver Co	7654 E. Slauson Ave, Los Angeles 22, Cal	RA3-8711
Cal	Gardner-Denver Co	144 W. Harris Ave. S. SF	JU9-3306
Colo	Gardner-Denver Co	1727 E. 39th Ave, Denver 1, Colo	AC2-9393
Conn	Gardner-Denver Co	700 Huyler St, Teterboro, NJ	AT8-9151
Del	Gardner-Denver Co	4309 Rising Sun Ave, Phila 40, Pa	GL7-3150
DC	Gardner-Denver Co	6200 Chillum Pl, Washington 11, DC	RA3-6366
Fla	Gardner-Denver Co	817 Green Springs Hwy. Birmingham 9, Ala	TR1-3543
Fla	Gardner-Denver Co	1114 W. Peachtree St, N.W., Atlanta 9, Ga	TR4-3802
Ga	Gardner-Denver Co	1114 W. Peachtree St, N.W., Atlanta 9, Ga	TR4-3802
Haw	Gardner-Denver Co	144 W. Harris Ave. S. SF, Cal	JU9-6535
Idaho	Gardner-Denver Co	615 Eighth Ave, S., Seattle 4, Wash	MA4-1115
Idaho	Gardner-Denver Co	113 W. Second S. St, Salt Lake City, Utah	DA8-0538
Ill	Gardner-Denver Co	6011 N. Lindbergh Blvd, Hazelwood, Mo	PE1-2220
Ill	Gardner-Denver Co	2901 Crum's Ln, Louisville 16, Ky	EM3-2679
Ill	Gardner-Denver Co	2535 S. 25th Ave. Broadview	MU1-2210
Ind	Gardner-Denver Co	2401 Helen Ave. Kalamazoo, Mich	FI2-0118
Ind	Gardner-Denver Co	2901 Crum's Ln, Louisville, Ky	EM3-2679
Ind	Gardner-Denver Co	3088 W. 117th St. Cleve 11, Ohio	WI1-1340
Iowa	Gardner-Denver Co	309 W. 79 Terrace, KC 14, Mo	DE3-3233
Iowa	Gardner-Denver Co	1701 W. 80th St. Mnpls 20, Minn	TU8-4547
Kan	Gardner-Denver Co	6746 E. 11th St, Tulsa 16, Okla	TE5-1531
Kan	Gardner-Denver Co	309 W. 79 Terrace, Kansas City 14, Mo	DE3-3233
Ky	Gardner-Denver Co	2901 Crum's Ln, Louisville 16, Ky	EM3-2679
Ky	Gardner-Denver Co	709 N. 5th Ave. Knoxville 17, Tenn	3-6195
Ky	Gardner-Denver Co	3088 W. 117th St. Cleve. 11, Ohio	WI1-1340
La	Gardner-Denver Co	7125 Harry Hines Blvd, Dallas 35, Tex	FL7-4561
La	Gardner-Denver Co	7735 Edinburgh St, New Orleans 25, La	HU6-3756
Me	Gardner-Denver Co	700 Huyler St, Teterboro, NJ	AT8-9151
Md	Gardner-Denver Co	6200 Chillum Pl, Washington 11, DC	RA3-6366
Md	Gardner-Denver Co	4309 Rising Sun Ave, Phila 40, Pa	GL7-3150
Md	Gardner-Denver Co	520 McNeilly Rd. Pittsburgh 26, Pa	LO8-6011
Mass	Gardner-Denver Co	700 Huyler St, Teterboro, NJ	AT8-9151
Mich	Gardner-Denver Co	12700 Capitol Ave. Oak Park 37, Mich	JO6-7152
Mich	Gardner-Denver Co	2401 Helen Ave. Kalamazoo	FI2-0118
Minn	Gardner-Denver Co	521 E. Superior St, Duluth 2, Minn	RA7-7453
Minn	Gardner-Denver Co	1701 W. 80th St. Mnpls 20, Minn	TU8-4547
Miss	Gardner-Denver Co	6011 N. Lindbergh Blvd. Hazelwood, Mo.	PE1-2220
Miss	Gardner-Denver Co	7735 Edinburgh St, New Orleans 25, La	HU6-3756
Miss	Gardner-Denver Co	817 Green Springs, Birmingham, Ala	TR1-3543
Mo	Gardner-Denver Co	309 W. 79 Terrace, Kansas City 14, Mo	DE3-3233
Mo	Gardner-Denver Co	6011 N. Lindbergh Pl, Hazelwood, Mo	PE1-2220
Mont	Gardner-Denver Co	1727 E. 39th Ave. Denver 1, Colo	AC2-9393
Mont	Gardner-Denver Co	615 8th Ave. S. Seattle 4, Wash	MA4-1115
Neb	Gardner-Denver Co	309 W. 79 Terrace, Kansas City 14, Mo	DE3-3233
Neb	Gardner-Denver Co	1727 E. 39th Ave, Denver 1, Colo	AC2-9393
Nev	Gardner-Denver Co	113 W. Second S. St, Salt Lake City, Utah	DA8-0538
Nev	Gardner-Denver Co	144 W. Harris Ave. S SF Cal	JU9-3306
Nev	Gardner-Denver Co	7654 E. Slauson Ave. LA 22, Cal	RA3-8711
NH	Gardner-Denver Co	700 Huyler St, Teterboro, NJ	AT8-9151
NJ	Gardner-Denver Co	4309 Rising Sun Ave, Phila 40, Pa	GL7-3150
NJ	Gardner-Denver Co	700 Huyler St, Teterboro, NJ	AT8-9151
NM	Gardner-Denver Co	1727 E. 39th Ave, Denver 1, Colo	AC2-9393
NM	Gardner-Denver Co	1704 E. Paisano Dr, El Paso, Tex	KE2-5656
NY	Gardner-Denver Co	4532 Bailey Ave. Buffalo 26	TF6-8200
NY	Gardner-Denver Co	700 Huyler St, Teterboro, NJ	AT8-9151
NC	Gardner-Denver Co	6200 Chillum Pl, N.W., Wash 11, DC	RA3-6366
NC	Gardner-Denver Co	709 N. 5th Ave. Knoxville 17, Tenn	3-6195
ND	Gardner-Denver Co	1701 W. 80th St. Mnpls 20, Minn	TU8-4547
Ohio	Gardner-Denver Co	3088 W. 117th St, Cleveland 11, Ohio	WI1-1340
Okla	Gardner-Denver Co	309 W. 79 Terrace, KC 14, Mo	DE3-3233
Okla	Gardner-Denver Co	6746 E. 11th St, Tulsa 16, Okla	TE5-1531
Ore	Gardner-Denver Co	615 Eighth Ave, S., Seattle 4, Wash	MA4-1115
Pa	Gardner-Denver Co	520 McNeilly Rd, Pittsburgh 26, Pa	LO1-6011
Pa	Gardner-Denver Co	4309 Rising Sun Ave, Phila 40, Pa	GL7-3150
RI	Gardner-Denver Co	700 Huyler St, Teterboro, NJ	AT8-9151
SC	Gardner-Denver Co	1114 W. Peachtree St, N.W., Atlanta 9, Ga	TR4-3802
SD	Gardner-Denver Co	1701 W. 80th St. Mnpls 20, Minn	TU8-4547
SD	Gardner-Denver Co	1727 E. 39th Ave, Denver 1, Colo	AC2-9393
Tenn	Gardner-Denver Co	6011 N. Lindbergh Blvd, Hazelwood, Mo	PE1-2220
Tenn	Gardner-Denver Co	709 N. 5th Ave. Knoxville 17	3-6195
Tex	Gardner-Denver Co	1704 E. Paisano Dr. El Paso	LI2-1621
Tex	Gardner-Denver Co	7125 Harry Hines Blvd, Dallas 35, Tex	FL7-4561
Tex	Gardner-Denver Co	2201 Polk Ave, Houston, Tex	CA7-9295
Utah	Gardner-Denver Co	113 W. Second S. St, Salt Lake City, Utah	DA8-0538
Vt	Gardner-Denver Co	700 Huyler St, Teterboro, NJ	AT8-9151
Va	Gardner-Denver Co	6200 Chillum Pl, N.W., Wash 11, DC	RA3-6366
Va	Gardner-Denver Co	709 N. 5th Ave. Knoxville 17, Tenn	3-6195
Wash	Gardner-Denver Co	615 Eight Ave, S., Seattle 4, Wash	MA4-1115
W Va	Gardner-Denver Co	6200 Chillum Pl. NW Wash 11, DC	RA3-6366
W.Va	Gardner-Denver Co	520 McNeilly Rd, Pittsburgh 26, Pa	LO1-6011
Wis	Gardner-Denver Co	1701 W. 80th St. Mnpls 20, Minn	TU8-4547
Wis	Gardner-Denver Co	521 E. Superior St. Duluth 2, Minn	RA7-7453
Wyo	Gardner-Denver Co	113 W. Second S. St, Salt Lake City, Utah	DA8-0538
Wyo	Gardner-Denver Co	1727 E. 39th Ave, Denver 1, Colo	AC2-9393
Foreign	Gardner-Denver Co	233 Broadway, New York 7, NY	BA7-6229
	GARDNER LAB, INC	**Box 5728-E, Bethesda 14, Md**	**OL6-3600**
	R Oelschlager #4 *6 250-360-735-895-990-1215		
	GARLOCK ELECTRONIC PRODUCTS GARLOCK INC	**Camden 1, NJ**	**WO4-2212**
	F Detten #110 *2000 G 280-770-900-905-925-975-1290-1505-1630-1780		
Ariz	Carl Hower	340 N Marshall Ave, Scottsdale, Ariz	WH5-2471
Cal	Newman, Rudat & Ewin	915 Terminal Way, San Carlos	LY1-6109
Cal	Bob Bray	18 N Mentor Ave. Pasadena	MU1-3751
Colo	R E Cattey Co	1789 Fulton St. Denver 8	FR7-3740
Fla	Stanley K Wallace Associates Inc	P.O. Box 67, Lutz, Fla	TA99-3241
Ill	Hill & Gray, Inc	821 Garfield St. Oak Park	EU3-3073
Ind	Southern Sales Co	105 Lakeshore Dr, Angola, Ind	AN777
Mass	Abbott & [illegible]	1254 Highland Ave, Needham 92, Mass	HI4-5470
Mich	Grant Shaffer Co	14241 Fenkell Ave, Detroit 27, Mich	BR3-5290
Minn	George A Kelly	PO Box 222, Wayzata	GR3-7602
NJ	J P Dearie Co	PO Box 66, Mountain Lakes	DE4-4848
Ohio	Scott & Shaffer Inc	18300 Euclid Ave Cleveland, Ohio	TO1-2626
Pa	[illegible] & Co	Suburban Sta Bldg, Philadelphia, Pa	LO4-3134
Tex	J Y Schoonmaker Co., Inc	5328 Redfield Ave, Dallas 35, Tex	LA6-7238

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Wash	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	EV3160
Canada	Lake Engineering Co., Ltd	767 Warden Ave, Scarborough, Ontario	PL7-3253
For	Garlock Inc	Palmyra, NY	LY7-4811
	GARRARD SALES CORP	**80 Shore Rd, Pt. Washington, NY**	**PO7-7700**
	1255-1265-1270-1905		
Cal	Jack Berman Co	1141 S. LaCienega Blvd, L A 35, Cal	
Cal	F W Muething Co	1500 E 12th St. Oakland	
Colo	McLoud & Raymond Co	5403 E. Evans, Denver 22, Colo	
Ga	James Millar Associates	1036 Peachtree N. E., Atlanta 9, Ga	
Hawaii	Jim Hamlin Sales Co	735 Cooke St, Honolulu, Hawaii	
Ill	George Pettit Co., Inc	349 N. Ashland Ave, River Forest, Ill	
Ind	Edwin A Schulz Co	721 Sherwood Dr, Indianapolis 21, Ind	
Md	Charles W Lueras Co	9427 Georgia Ave, Silver Spring, Md	
Mass	Michael Scott Co	336 Washington St, Wellesley Hills, Mass	
Mich	Grant Shaffer Co	14241 Fenkell, Detroit, Mich	
Minn	Northern States Sales Co	2400 Park Ave, Minneapolis, Minn	
Mo	R W Farris Co., Inc	406 W. 34th St, Kansas City 11, Mo	
NY	Contuner Sales Corp	80 Shore Rd, Port Washington	
NY	R W Mitscher Co., Inc	487 Ellicott Sq Bldg, Buffalo, NY	
Pa	James H Podolny Co	5912 Penn Ave, Pittsburgh 6, Pa	
Tex	J F McKinney Sales Co	1303 Chemical St, Dallas 7, Tex	
Wash	Wm R Langham Co	3715 Western Ave, Seattle	
Foreign	Ace Agencies	P.O. Box 91, Rio Piedras, Puerto Rico	
	GARRETT CORP., THE	**9851 Sepulveda Blvd, Los Angeles, Cal**	**SP6-1010**
	P Bartlett #700 *10,000 G 20-105-185-330-340-345-370-645-670-825-885 895-1165-1460-1850-1920		
Ala	Garrett Corp, The	151 Government St, Mobile, Ala	HE8-3653
Ala	Garrett Corp, The	Huntsville Utilities Bldg, Huntsville	JE9-7451
Ariz	Garrett Corp, The	402 S 36th St, Phoenix	BR5-6311
Cal	Garrett Corp., The	Box 6129, Point Loma Sta, San Diego	CY5-4119
Cal	Garrett Corp, The	9851 S Sepulveda Blvd, LA 45	SP6-1010
Cal	Garrett Corp, The	635 Middlefield Rd, Palo Alto	DA1-1820
Colo	Garrett Corp, The	3311 S Broadway, Englewood	SU9-1883
DC	Garrett Corp, The	1625 Eye St, N.W., Washington 6, DC	EX3-0873
Ga	Garrett Corp, The	3172 Peachtree Rd, N.E., Atlanta 5, Ga	CE3-7157
Ill	Garrett Corp., The	4302 Warren Ave, Hillside, Ill	L14-7400
Kan	Garrett Corp., The	2725 E Kellogg St. Wichita	MU2-5518
Mass	Garrett Corp, The	14 Spring St, Waltham	TW4-5328
Mich	Garrett Corp., The	16623 W. McNichols Rd, Detroit 35, Mich	BR3-7238
Mo	Garrett Corp., The	Box 5247, Lambert Field, St. Louis, Mo	PE1-0983
NY	Garrett Corp, The	630 Old Country Rd, Garden City	PI7-4470
Ohio	Garrett Corp, The	333 W 1st St, Dayton 2	BA4-0728
Okla	Garrett Corp, The	PO Box 5687, Midwest City	PE2-5498
Tex	Garrett Corp., The	1209 Leve St, Fort Worth, Tex	ED5-4541
Wash	Garrett Corp, The	925-108th Ave NE, Bellevue	GL4-4941
Can	Garrett Mfg Ltd.	4 Racine Rd, Rexdale, Ontario	CH4-5655
Can	Garrett Mfg Ltd.	1256 Laird Blvd, Montreal, Que	RE8-7605
For	Garrett Intl S A	Rue des Pierres-du-Niton 17, Geneva Switz	35.73.50.
For	Garrett (Japan) Ltd	9, Roppongi, Minatoku, Tokyo, Japan	401-9713
	GARRETT CO., INC., GEORGE K	**Torresdale Ave at Talbot, Phila 36, Pa**	**DE2-6000**
	J Freedman #6 G 645-1204-1940		
Ala	Garrett Co	5875 N. Lincoln Ave, Chicago 45, Ill	AR1-6900
Ark	Garrett Co	5875 N Lincoln Ave, Chicago 45, Ill	AR1-6900
Conn	Garrett Co	250 W. 57th St, New York 19, NY	CI5-8759
DC	Garrett Co	250 W. 57th St, New York 19, NY	CI5-8759
Fla	Garrett Co	250 W. 57th St, New York 19, NY	CI5-8759
Ga	Garrett Co	5875 N. Lincoln Ave, Chicago 45, Ill	AR1-6900
Ill	Garrett Co	5875 N. Lincoln Ave, Chicago 45, Ill	AR1-6900
Ind	Garrett Co	5875 N. Lincoln Ave, Chicago 45, Ill	AR1-6900
Iowa	Garrett Co	5875 N. Lincoln Ave, Chicago 45, Ill	AR1-6900
Kan	Garrett Co	5875 N. Lincoln Ave, Chicago 45, Ill	AR1-6900
Ky	Garrett Co	5875 N. Lincoln Ave, Chicago 45, Ill	AR1-6900
La	Garrett Co	5875 N Lincoln Ave, Chicago 45, Ill	AR1-6900
Me	Garrett Co	250 W. 57th St, New York 19, NY	
Mass	Garrett Co	250 W. 57th St, New York 19, NY	
Mich	Garrett Co	15755 James Couzens Blvd, Detroit	DI1-2400
Minn	Garrett Co	5875 N. Lincoln Ave, Chicago 45, Ill	AR1-6900
Miss	Garrett Co	5875 N Lincoln Ave, Chicago 45, Ill	AR1-6900
Mo	Garrett Co	5875 N. Lincoln Ave, Chicago 45, Ill	AR1-6900
Neb	Garrett Co	5875 N. Lincoln Ave, Chicago 45, Ill	AR1-6900
NH	Garrett Co	250 W. 57th St, New York 19, NY	
NJ	Garrett Co	250 W. 57th St, New York 19, NY	
NY	Garrett Co	250 W. 57th St, New York 19, NY	
ND	Garrett Co	5875 N. Lincoln Ave, Chicago 45, Ill	AR1-6900
Ohio	Garrett Co	2500 Lee Rd, Cleveland 18, Ohio	FA1-5710
Okla	Garrett Co	5875 N Lincoln Ave, Chicago 45, Ill	AR1-6900
Pa	Garrett Co	2500 Lee Rd, Cleveland 18, Ohio	FA1-5710
RI	Garrett Co	250 W. 57th St, New York 19, NY	
SD	Garrett Co	5875 N. Lincoln Ave, Chicago 45, Ill	AR1-6900
Tenn	Garrett Co	5875 N. Lincoln Ave, Chicago 45, Ill	AR1-6900
Tex	Garrett Co	5875 N. Lincoln Ave, Chicago 45, Ill	AR1-6900
Vt	Garrett Co	250 W. 57th St, New York 19, NY	
W. Va	Garrett Co	2500 Lee Rd, Cleveland 18, Ohio	FA1-5710
Wisc	Garrett Co	5875 N. Lincoln Ave, Chicago 45, Ill	AR1-6900
•	**GATES ELECTRONIC CO**	**2243 White Plains Rd, New York 67, NY**	**TU1-5900**
	J Rogers #2 *15 B 255-320-338-1340-1445-1855		
	GATES & CO., GEORGE W	**Hempstead & Lucille, Franklin Sq, NY**	**FI7-0787**
	T Schulz #2 *17 C 895-990		
	GATES RADIO CO	**123 Hampshire St, Quincy, Ill**	**BA2-8202**
	L Cervone #26 *419 F 55-320-325-338-895-1190-1370-1425-1435-1870-1905		
Ala	William Moats	Box 7376, Mtn Brook Br, Birmingham	TR9-8100
Alas	Neil Arveschoug	Box 288, Bellevue, Wash	SH6-0797
Ariz	Harold Ament	Box 312, Atascadero, Cal	610
Ark	Urlin Whitman	2719 S. Hudson Ave, Tulsa, Okla	TE6-4835
Cal	Harold Ament	Box 312, Atascadero	610
Cal	Bill Nielsen	681 45th Ave. S F	SK2-8554
Colo	Joseph Engle Jr	7141 Wolff, Westminster, Colo	HA9-6493
Conn	Abe Jacobowitz	63-27 76th St, Rego Park, NY	TW4-1622
Del	Wallace Warren	1817 Sherry Ct, Falls Church, Va	JE3-0868
DC	Wallace Warren	1817 Sherry Ct, Falls Church, Va	JE3-0868
Fla	John Andre	P.O. Box 1420, Orlando, Fla	
Ga	Richard Spruill	2969 Briar Lake Rd, Decatur, Ga	HI3-9306
Idah	Neil Arveschoug	Box 288, Bellevue, Wash	SH6-0797
Ill	Paul Timpe	1230 S 15th St. Quincy	BA3-4701
Ill	Clarence Morgan	292 E. Elm St, Villa Park, Ill	TE2-9227
Ind	Clarence Morgan	292 E. Elm St, Villa Park, Ill	TE2-9227
Iowa	Stanley Whitman	246 Baltimore, Waterloo, Iowa	AD3-0561
Kan	Urlin Whitman	2719 S. Hudson Ave, Tulsa, Okla	TE6-4835
Kan	Joseph Engle	7141 Wolff, Westminster, Colo	HA9-6493
Ky	Paul Timpe	1230 S 15th St. Quincy, Ill	BA3-4701
Ky	Kenneth Neubrecht	3529 Cumberland, Berkley, Mich	LI1-8529
La	London England	5210 Kinglet, Houston, Tex	PA3-5117
Me	Robert Hallenbeck	11 Ridgecrest, Latham, NY	ST5-9144
Md	Wallace Warren	1817 Sherry Ct, Falls Church, Va	JE3-0868
Mass	Robert Hallenbeck	11 Ridgecrest, Latham, NY	ST5-9144
Mich	Kenneth Neubrecht	3529 Cumberland, Berkley, Mich	LI1-8529
Mich	Stanley Whitman	246 Baltimore, Waterloo, Iowa	AD3-0561
Minn	Stanley Whitman	246 Baltimore, Waterloo, Iowa	AD3-0561
Miss	William Moats	Bx 7376, Mtn Brook Br, Birmingham, Ala	TR9-8100
Mo	Urlin Whitman	2719 S. Hudson Ave, Tulsa, Okla	TE6-4835
Mo	Paul Timpe	1230 S 15th St. Quincy, Ill	BA3-4701
Mont	Neil Arveschoug	Box 288, Bellevue, Wash	SH6-0797
Neb	Stanley Whitman	246 Baltimore, Waterloo, Iowa	AD3-0561
Neb	Joseph Engle	7141 Wolff, Westminster, Colo	HA9-6493
Nev	Harold Ament	Box 312, Atascadero, Cal	610
Nev	Bill Nielsen	681 45th Ave. SF, Cal	SK8554
NH	Robert Hallenbeck	11 Ridgecrest, Latham, NY	ST5-9144
NJ	Abe Jacobowitz	63-27 76th St, Rego Park, NY	TW4-1622
NM	Joseph Engle	7141 Wolff, Westminster, Colo	HA9-6493
NY	Abe Jacobowitz	63-27 76th St, Rego Park, NY	TW4-1622
NY	Bob Hallenbeck	11 Ridgecrest, Latham, NY	ST5-9144
NC	Joe Cole	Box 6114, Greensboro	BR5-7745
ND	Stanley Whitman	246 Baltimore, Waterloo, Iowa	AD3-0561
Ohio	Kenneth Neubrecht	3529 Cumberland, Berkley, Mich	LI1-8529
Ohio	George Yazell	629 Pinehurst Dr. Monroeville, Pa	DR2-1050
Okla	Urlin Whitman	2719 S. Hudson Ave, Tulsa, Okla	TE6-4835
Ore	Neil Arveschoug	Box 288, Bellevue, Wash	SH6-0797
RI	Abe Jacobowitz	63-27 76th St. Rego Park, NY	TW4-1622
SC	Richard Spruill	2969 Briar Lake Rd, Decatur, Ga	HI3-9306
SD	Stanley Whitman	246 Baltimore, Waterloo, Iowa	AD3-0561
Tenn	William Moats	Bx 7376, Mtn Brook B, Birmingham, Ala	TR9-8100
Tenn	Richard Spruill	2969 Briar Lake Rd, Decatur, Ga	HI3-9306
Tenn	Bill Moats	PO Box 7376, Birmingham, Ala	TR9-8100
Tex	Urlin Whitman	2719 S. Hudson Ave, Tulsa, Okla	TE6-4835
Tex	London England	5210 Kinglet, Houston, Tex	PA3-5117
Utah	Joseph Engle	7141 Wolff, Westminster, Colo	HA9-6493
Vt	Robert Hallenbeck	11 Ridgecrest, Latham, NY	ST5-9144
Va	Wallace Warren	1817 Sherry Ct, Falls Church, Va	JE3-0868
Wash	Neil Arveschoug	Box 288, Bellevue	SH6-0797
W. Va	Wallace Warren	1817 Sherry Ct, Falls Church, Va	JE3-0868
Wisc	Stanley Whitman	246 Baltimore, Waterloo, Iowa	AD3-0561
Wisc	Clarence Morgan	292 E. Elm St, Villa Park, Ill	TE2-9227
Wyo	Joseph Engle	7141 Wolff, Westminster, Colo	HA9-6493
	GAVITT WIRE & CABLE CO	**Central St, Brookfield, Mass**	**VO7-4476**
	J Meyeagh #7 *215 E 45-190-280-795-1960		
Alaska	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
Ariz	W S Harmon Co	Box 1380, Beverly Hills, Cal	OL5-6340
Ark	Jack F McKinney Sales Co	1303 Chemical St, Dallas 7, Tex	RI1-1368
Cal	David H Ross Co	534 El Camino Real, San Carlos, Cal	LY1-4411
Cal	W S Harmon Co	Box 1380, Beverly Hills, Cal	OL5-6340
Colo	McLoud & Raymond Co	2151 S Grape St, Denver 22, Colo	SK6-1589
Conn	Bahr Sales Co	Spring Valley Rd, Woodbridge, Conn	FU7-8712
Del	Hilliard Associates	1125 Old York Rd, Abington, Pa	TU4-6100
Fla	Jack Geartner Co	235 Lincoln Rd, Miami Beach, Fla	JE1-0200
Idaho	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
Ill	Ridley Associates	1551 N. Austin Blvd, Chicago 51, Ill	TU9-2940
Ind	Quinlan Bros	110 E. 9th St, Indianapolis 2, Ind	ME5-2457
Iowa	Ridley Associates	1551 N. Austin Blvd, Chicago 51, Ill	TU9-2940
Kan	M L Seyffert & Associates	Box 32, Webster Grove Sta, St. Louis 19, Mo	ST1-6290
La	Jack F McKinney Sales Co	1303 Chemical St, Dallas 7, Tex	RI1-1368
Me	Bahr Sales Co	Spring Valley Rd, Woodbridge, Conn	FU7-8712
Md	Hilliard Associates	1125 Old York Rd, Abington, Pa	TU4-6100
Mass	Bahr Sales Co	Spring Valley Rd, Woodbridge, Conn	FU7-8712
Mich	John W Gillette & Co	16125 Meyers Rd, Detroit 35, Mich	UN2-3258
Minn	Ridley Associates	1551 N. Austin Blvd, Chicago 51, Ill	TU9-2940
Mo	M L Seyffert & Associates	Box 32, Webster Grove Sta, St. Louis 19	ST1-6290
Neb	M L Seyffert & Associates	Box 32, Webster Grove Sta, St. Louis 19, Mo	ST1-6290
Nev	David H Ross Co	534 El Camino Real, San Carlos, Cal	LY1-4411
NH	Bahr Sales Co	Spring Valley Rd, Woodbridge, Conn	FU7-8712
NJ	Leo Freed & Co	420 Lexington Ave New York 17, NY	LE2-4771
NM	McLoud & Raymond Co	2151 S Grape St, Denver 22, Col	SK6-1589
NY	Leo Freed & Co	420 Lexington Ave New York 17, NY	LE2-4771
NY	George R Baxter Co	51 E. 42nd St, New York, NY	MU7-5583
NY	R Jackson	4446 Main St, Buffalo 3, NY	TF9-2044
Ohio	John W Gillette & Co	16125 Meyers Rd, Detroit 35, Mich	UN2-3258
Okla	Jack F McKinney Sales Co	1303 Chemical St, Dallas 7, Tex	RI1-1368
Ore	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
Pa	Hilliard Associates	1125 Old York Rd, Abington, Pa	TU4-6100
RI	Bahr Sales Co	Spring Valley Rd, Woodbridge, Conn	FU7-8712
Tenn	Quinlan Bros	110 E. 9th St, Indianapolis 2, Ind	ME5-2457
Tex	Jack F McKinney Sales Co	1303 Chemical St, Dallas 7, Tex	RI1-1368
Utah	McLoud & Raymond Co	2151 S Grape St, Denver 22, Colo	SK6-1589
Vt	Bahr Sales Co	Spring Valley Rd, Woodbridge, Conn	FU7-8712
Wash	James J Backer Co	221 W. Galer St, Seattle, Wash	AT3-6470
Wisc	Ridley Associates	1551 N. Austin Blvd, Chicago 51, Ill	TU9-2940
Wyo	McLoud & Raymond Co	2151 S Grape St, Denver 22 Colo	SK6-1589
	GAYNES ENGINEERING CO	**1642 W Fulton St, Chicago 12, Ill**	**HA1-5257**
	C Gaynes #3 *14 B 610-895-1075-1225-1935		
	GEAR SPECIALTIES INC	**2635 W Medill Ave, Chicago 47, Ill**	**DI2-3200**
	W Kozak #7 *275 F 205-755		
Conn	Transmission Equipment Co	441 Lexington Ave, New York City 17, NY	MU2-1846
Ill	William C Bloom & Co	1717 Oldwood Rd, Rockford, Ill	EX9-8151
Ind	Eric G [illegible]	P.O. Box [illegible], Valparaiso, Ind	HO2-5044
Minn	W H Schmitt (S K B Co)	2810 - 22nd Ave S, Minneapolis 7, Minn	PA2-1226
NJ	Transmission Equipment Co	441 Lexington Ave, New York, NY	MU2-1846
NY	Transmission Equipment Co	441 Lexington Ave, New York City 17, NY	MU2-1846
Ohio	Moore & Co	Box 31, Sta H, Toledo, Ohio	JE1-2691
Tex	Ray Freik	310 N. Pearl St, Dallas, Tex	RI1-6051
	GEMEX CORP. INDUSTRIAL DIV	**1200 Commerce Ave. Union, NJ**	**MU6-4100**
	J Elder #5 *300 E 25-65-175-205-210-215-230-240-265-300-380-390-480-615-645-670-675-750-770-785-790-800-845-905-925-995-1120-1125-1135-1190-1305-1325-1485-1550-1580-1630-1690-1735-1875-1940		
	GENERAL AMERICAN TRANSPORTATION CORP	**135 S.LaSalle St, Chicago 3, Ill**	**FI6-4100**
	265-315-825-1290-1305-1535		
Ala	C R Walcher	P.O. Box 1870, Birmingham, Ala	VI1-5562
Cal	B K Duffy	990 Wilshire Blvd, Los Angeles 17, Cal	MA8-1357
Cal	N A Pierson	235 Montgomery St, San Francisco 3, Cal	DO2-8222
La	C S Hanley	210 Baronne St, New Orleans 12, La	JA5-4503
NJ	H E Ellenbein	Gatx-Parker-Kalon Div, Clifton, NJ	GR1-1000
NY	Sol Frisch	2008 Rand Bldg, Buffalo 3, NY	MO1684
NY	Sol Frisch	380 Madison Ave, New York 17, NY	OX7-2525
Ohio	C R Black	Terminal Tower Bldg, Cleveland	PR1-1391
Okla	R S Randolph	1905 1st Nat'l Bank Bldg, Tulsa, Okla	CH2-6137
Pa	J A Ross	2612 Koppers Bldg, Pittsburgh 19, Pa	GR1-3101
Tex	J D Camp	1st Nat'l Bank Bldg, Dallas 2, Tex	RI7-0402
Tex	J D Camp	Bk of the Southwest Bldg, Houston	CA4-2691
Utah	H W Kerr	P.O. Box 97, Oren Plant, Orem, Utah	FR3-8520
Wash	J C Wallace	3rd & Union, Seattle 1, Wash	MA2-1212
Wisc	C L Philipp	4006 N. Green Bay Rd, Milwaukee 9, Wisc	CO4-4220
	GENERAL ANILINE & FILM CORP ANSCO DIV	**Vestal Pkwy, E., Binghamton, NY**	**RA9-6555**
	200-205-665-885-895-1120-1135-1305-1550		
Cal	Gen Anil & Film Corp	1001 N. Labrea Ave, Los Angeles 38, Cal	OL4-2550
DC	Gen Anil & Film Corp	3408 Wisconsin Ave, N.W., Washington 16	EM2-4115
	GENERAL ANTRONICS CORP	**11930 W Jefferson Culver City Cal**	**EX1-6955**
	C Sherlock #4 *10 A 1870		
•	**GENERAL APPLIED SCIENCE LABS. INC**	**Merrick & Stewart, Westbury, NY**	**ED3-6960**
	S Skolnik #67 *140 E 330-338-365-895-1150-1610		
Ala	Astro-Tec	912 Bob Wallace Ave, Huntsville	JE9-7981
Cal	Harry Gee Assoc. Inc	5333 S. Sepulveda Blvd, Culver City	UP0-1742
Cal	Bond Eng. Co	72 Claremont Ave, Santa Clara	AX6-8419
Fla	J Neal & Co	3931 SW 5th Terrace, Miami	HI4-1118
Kan	Kemco Inc	6409 E. Kellogg, Wichita 18	MU4-8224
Md	L G White & Co. Inc	680 Bonifant St, Silver Spring	JU5-3141
Mass	Howard J Schutt Co. Inc., The	815 Washington St, Newtonville	LA7-5304
NJ	Land-C-Air Sales Co	328 Springfield Ave, Summit	CR7-0440
NM	Edward G Miller Co	210 Cagua Dr. NE, Albuquerque	AL6-1585
NY	Land-C-Air Sales Co	State Tower Bldg, Syracuse	HA2-4811
NY	Land-C-Air Sales Co	76 Main St, Tuckahoe	WO1-4700
NC	L G White & Co. Inc	2010 Beech St, Winston-Salem	PA5-3612
Pa	L G White & Co. Inc	108 Forrest Ave, Narberth	MO4-6505
Tex	Ecoland Electronic Sales Co	Box 12251, Fort Worth	PE8-9773
For	Terminal Radio Intl Ltd	240 West 17th St, NY, NY	CH3-5200
	GENERAL AUTOMATIC CORP	**111 33rd St, Union City, NJ**	**UN4-1467**
	M Barron 1460		
	GENERAL AVIATION & ELECTRONICS, MFG CO., INC	**179 Berger St, Woodbridge, NJ**	**WE9-8198**
	J Baker #1 *20/30 B 1120		
	GENERAL CABLE CORP	**730 Third Ave, New York 17, NY**	**YU6-3800**
	190-1960-1985		
Ala	J G Ebernack	2308 4th Ave, S., Birmingham 5, Ala	AL2-1171
Ariz	O G Sutton	3316 Washington St, Phoenix, Ariz	BR5-5401
Cal	J E Moore	2906 Leonis Blvd, Los Angeles 58, Cal	LU2-8327
Cal	R O Barnes	165 Industrial St, San Francisco 24 Cal	MI3-4140
Cal	D H Buckley	915 Fee Dr, N. Sacramento 15, Cal	UA2-5881
Cal	O Hicks	520 E. St, San Diego	BE4-1638
Cal	R A Breeze	1075 N. Ave, Sanger	TR5-4586
Cal	F Farley	405 S. Sunnyvale Ave, Sunnyvale	RE9-9225
Cal	C R Briggs	1230 4th St. Santa Monica	EX3-9757
Colo	N E Mains	4701 E. 48th Ave, Denver 16, Colo	FL5-5323
Conn	H C Patterson	463 Boston Post Rd, Orange, Conn	SY9-2481
DC	E C Goretzka	261 Constitution Ave, N.W., Washington	DI7-7717
Fla	E H Lucas	2515 E. Hanna Ave, Tampa 10, Fla	TA3-6575
Fla	J B Clark	3501 NW 20th St, Miami	NE5-0342
Fla	P E Morgan	455 Roberts St, Jacksonville	EV8-2686
Ga	J A Alsing	3rd Pk. Ross Rd, Savannah	AD6-1194
Ga	J A Peacock	1401 Ellsworth Dr, N.W., Atlanta 18, Ga	SY4-7621
Haw	P L Vincent	747 Ala Moana Blvd, Honolulu 1	6-3712
Ill	G S Richter	5447 N. Wolcott Ave, Chicago 40, Ill	UP8-7600
Ill	J K Davis	919 N. Mich. Ave, Chicago 11	WH3-4040
Ill	J E Kopp	4820 N. Harlem Ave, Chicago 31	GN7-6040
Ill	C K Lanscom	920 N. Mac Arthur Blvd, Springfield, Ill	SP2-7705
Ind	W C Gerlib	1735 W. 18th St, Indianapolis 7, Ind	ME2-6505
Iowa	C U Higgins	2050 Delaware Ave, Des Moines 17, Iowa	AM5-0313
Ky	A M Richard	4242 Poplar Level Rd, Louisville	GL2-1578
La	W W Bednarz	3923 Euphrosine St, New Orleans 25, La	TU6217
Md	H V [illegible]	11 E. 30th St, Baltimore 18, Md	TU9-6544
Mass	D H Phelps	130 V.F.W. Pkwy, Revere 51, Mass	RE8-6770
Mich	L P Shull	12211 Capital Ave, Oak Park 37, Mich	JO6-7992
Mich	R M Hunter	3507 Wayland Dr, Jackson	ST4-0501
Minn	H S Coleman	414 W. 79th St, Minneapolis 20, Minn	TU1-5855
Miss	E [illegible]	218 Lorenz Blvd, Jackson	EM2-5354
Mo	C B Metz	920 Cable Rd, KC 16	BA1-4788
Mo	J H Netherway	4908 Flyer Ave, St. Louis	PL2-6400
Neb	R E Kirk	5615 Seward St, Havelock, Neb	L16-1941
NJ	R L Graham	1071 Hudson St Union	MU8-1130
NM	G W Paulsen	2110 Zearing Ave, N.W., Albuquerque, NM	CH7-3547
NY	A L Rountree	420 Lexington Ave, NY	MU4-7840
NC	F G Speidel	2323 Campbell St, Raleigh, NC	VA8-5466
Ohio	W P Ellsworth	2875 Superior Ave, Clvlnd	MA1-5790
Ohio	C B Deeds	1140 Chambers Rd, Columbus	HU8-9781
Ohio	H B Conner	1550 Production Dr	PO1-3250
Okla	L V Brown	6848 E. 41st St, Tulsa, Okla	RI2-2486
Ore	C W Barnes	2215 N.W. Quimby St, Portland 10, Ore	CA7-5556

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Pa	R J Fitzgerald	91 S. Eagle Rd, Havertown Pa	HI7-1655
Pa	J C Davidson	2242 California Ave, Pittsburgh 12, Pa	FA2-6533
Tenn	E H Cobb	21 Spruce St, Bristol, Tenn	SO4-3105
Tex	I J Brown	1042 E. Side Blvd. El Paso	PR2-7495
Tex	A Z Barnes	1620 Oak Lawn, Dallas 7, Tex	RI1-9888
Utah	J E Smith	22 Jeremy St, Salt Lake City 4, Utah	DA2-5829
Va	W R Ivey	2315 Westwood Ave, Richmond 30, Va	ELS-7808
Wash	R E Roberts	5210 First Ave, S, Seattle 8, Wash	PA3-5811
Wash	C C McKean	801 E. 26 St. Tacoma	MA7-5723
Wisc	P J Wanzek	6520 W. State St, Milwaukee 13, Wisc	GR6-9638
●	**GENERAL CERAMICS DIV INDIANA GEN CORP**	**Keasbey, NJ**	**VA6-5100**
	K Talbot #40 *500 G 45-120-175-240-338-380-655-715-900-905-915-1545-1855-1875-1890		
Ariz	Fryco	355 N. Scottsdale Rd, Scottsdale, Ariz	WH5-3281
Cal	Indiana General Corp	16041 Ventura Blvd, Encino, Cal	ST8-7380
Cal	Barnes & Co	8110 Mason Ave, Canoga Park, Cal	DI8-4866
Fla	Jack Geartner Co	205 Lincoln Rd, Miami Beach, Fla	[illegible]
Ill	Indiana General Corp	7012 W North Ave. Chicago 35	TU9-4323
Ind	Indiana General Corp	405 Elm St, Valparaiso, Ind	HO2-3131
Ky	Indiana General Corp	405 Elm St, Valparaiso, Ind	HO2-3131
La	Allied Components Inc	2517 Converse St, Dallas 7, Tex	RI2-2830
Mass	Indiana General Corp	681 Main St. Waltham 54	TW4-4841
Minn	Northport Engineering Inc	1729 Selby Ave, St. Paul 4, Minn	MI6-2621
Mo	Indiana General Corp	8000 Bonhomme Ave. Clayton	PA7-6666
NJ	Indiana General Corp	24 Blackwell Ln. Levittown	TR7-5271
NM	Fryco	355 N. Scottsdale Rd, Scottsdale, Ariz	WH5-3281
NY	Wild & Assoc, Inc	1519 Northern Blvd. Roslyn	
NY	Indiana General Corp	1463 Monroe Ave. Rochester 18	HI5-0550
NY	Indiana General Corp	916 Liverpool Rd. Liverpool	OL2-5221
ND	Northport Engineering Inc	1729 Selby Ave, St. Paul 4, Minn	MI6-2621
Ohio	Indiana General Corp	23203 Lorain Rd. N Olmsted	RE4-3360
Okla	Allied Components Inc	2517 Converse St, Dallas 7, Tex	RI2-2830
SD	Northport Engineering Inc	1729 Selby Ave, St. Paul 4, Minn	MI6-2621
Tenn	Indiana General Corp	405 Elm St, Valparaiso, Ind	HO2-3131
Tex	Allied Components Inc	2517 Converse St, Dallas 7, Tex	RI2-2830
Wisc	Northport Engineering Inc	1729 Selby Ave, St. Paul 4, Minn	MI6-2621
Canada	Indiana Steel Prods Co of Can Ltd	135 Hayward Ave, Kitchener, Ontario	SH3-0244
Foreign	Malmk Representaciones	Av. Corrientes 222, Buenos Aires, Argentina	
	GENERAL COIL PRODUCTS CORP	**147-12 Liberty Ave, Jamaica 35, NY**	**AX1-8390**
	J Siegel #4 *55 D 45-320-345-475-670-1130-1655-1855		
NY	Eliot Schwartz	135 Sperry Blvd, New Hyde Park, NY	[illegible]
NY	Oren G Lenzendorf	513 Cumberland Ave, Syracuse 10, NY	SY2-4195
	GENERAL COMMUNICATION CO	**677 Beacon St, Boston, Mass**	**CO7-6030**
	C Roche #29 *175 E 233-325-440-895-1045-1135-1145-1150-1170-1425-1460-1735-1870		
Ala	Murphy & Cota Co	1106 Burke St, Winston-Salem, NC	PA4-0750
Ariz	T Louis Snitzer Co	5354 W. Pico Blvd, Los Angeles, Cal	WE8-2074
Ark	Southern Industrial Electronics Inc	538 Braniff Bldg, Dallas, Tex	FL2-3901
Cal	T Louis Snitzer Co	5354 W. Pico Blvd, Los Angeles, Cal	WE8-2074
Colo	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Conn	D Rosa Co	311 Washington St, Brighton 35, Mass	ST2-4130
Del	C R Hile Co	Hillview Rd, Paoli, Pa	NI4-5500
DC	Arnold Rosenberg Co	733 15th St. N.W., Washington, DC	EX3-1174
Fla	Murphy & Cota Co	1106 Burke St, Winston-Salem, NC	PA4-0750
Ga	Murphy & Cota Co	1106 Burke St, Winston-Salem, NC	PA4-0750
Idaho	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Ill	C Fenderley	7743 Oglesby Ave, Chicago	SO8-1915
Ill	Berndt & Associates	6322 N Milwaukee Ave, Chicago 46	SP5-3488
Kan	Associated Ind, Inc	455 S Washington, Wichita	HO4-0391
Kan	Southern Industrial Electronics Inc	538 Braniff Bldg, Dallas, Tex	FL2-3901
La	Southern Industrial Electronics Inc	538 Braniff Bldg, Dallas, Tex	FL2-3901
Me	D D Rosa Co	311 Washington St, Brighton 35, Mass	ST2-4130
Md	C R Hile Co	Hillview Rd, Paoli, Pa	NI4-5500
Mass	D D Rosa Co	311 Washington St, Brighton 35, Mass	ST2-4130
Miss	Murphy & Cota Co	1106 Burke St, Winston-Salem, NC	PA4-0750
Mo	Associated Ind, Inc	455 S Washington, Wichita, Kan	HO4-0391
Mo	Southern Industrial Electronics Inc	538 Braniff Bldg, Dallas, Tex	FL2-3901
Nev	T Louis Snitzer Co	5354 W. Pico Blvd, Los Angeles, Cal	WE8-2074
NH	D D Rosa Co	311 Washington St, Brighton 35, Mass	ST2-4130
NJ	C R Hile Co	Hillview Rd, Paoli, Pa	NI4-5500
NJ	M E M O Inc	69 Greenwich St, Hempstead, NY	IV3-4050
NJ	Rever Assoc	175 Willow St, Garden City, NY	PI1-3811
NM	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
NY	Rever Assoc	175 Willow St, Garden City	PI1-3811
NC	Murphy & Cota Co	1106 Burke St, Winston-Salem, NC	PA4-0750
Ohio	E Bock & Assoc	3510 W 212th St, Clev 26	ED1-5212
Ohio	D Howard	1243 Donald Ave, Dayton 29	CL2-5979
Okla	Southern Industrial Electronics Inc	538 Braniff Bldg, Dallas, Tex	FL2-3901
Ore	Associated Ind, Inc	1752 Rainier Ave, Seattle 44, Wash	EA5-4400
Pa	E Bock & Assoc	3510 W 212th St, Clev 26, Ohio	ED1-5212
Pa	C R Hile Co	Hillview Rd, Paoli, Pa	NI4-5500
RI	D Rosa Co	311 Washington St, Brighton 35, Mass	ST2-4130
SC	Murphy & Cota Co	1106 Burke St, Winston-Salem, NC	PA4-0750
Tenn	Murphy & Cota Co	1106 Burke St, Winston-Salem, NC	PA4-0750
Tex	Southern Industrial Electronics Inc	538 Braniff Bldg, Dallas, Tex	FL2-3901
Utah	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Vt	D Rosa Co	311 Washington St, Brighton 35, Mass	ST2-4130
Va	C R Hile Co	Hillview Rd, Paoli, Pa	NI4-5500
Va	Murphy & Cota Co	1106 Burke St, Winston-Salem, NC	PA4-0750
Wash	Associated Ind, Inc	1752 Rainier Ave, Seattle 44	EA5-4400
Wisc	Berndt & Assoc	6322 N Milwaukee Ave, Chicago 46, Ill	SP5-3488
Wyo	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Canada	Electromechanical Products	Markham Rd, Agincourt, Ontario, Canada	5054-U
For	J Spivey, Inc	4906 Hampden Lane, Wash, DC	OL6-8608
	GENERAL COMPONENTS CO	**225-229 E. 144th St, New York 51, NY**	**MO5-8740**
	J DeStefano #1 *40 C 390-715-785-830-1290-1780-1785		
	GENERAL COMPUTERS INC	**9000 W. Pico Blvd, Los Angeles 35, Cal**	**BE2-6011**
	D Sieber 338-895-1150		
Conn	Saunders & Co	8 Prospect St. Waltham 54, Mass	TW4-6071
Iowa	L H Josefson & Assoc	402 Sweet Briar Ln. Hopkins, Minn	WE8-6695
Kan	N S Brown Assoc	5852 Boca Raton Rd. Dallas 30, Tex	EM3-3698
Me	Saunders & Co	8 Prospect Ave. Waltham 54, Mass	TW4-6071
Mass	Saunders & Co	8 Prospect Ave. Waltham 54	TW4-6071
Mich	Electro-Motion Assoc	4012 E. Nine Mile Rd. Warren	JE9-1420
Minn	L H Josefson & Assoc	402 Sweet Briar Ln. Hopkins	WE8-6695
Mo	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30, Tex	EM3-3698
NH	Saunders & Co	8 Prospect St. Waltham 54, Mass	TW4-6071
NJ	Emlen-Peterson Co	Montgomery Ln. Radnor, Pa	MU8-0151
NY	Colelio Eng. Co	30 Wilkins Ave. Albany 5	IV2-2852
ND	L H Josefson & Assoc	402 Sweet Briar Ln. Hopkins, Minn	WE8-6695
Ohio	Electro-Motion Assoc	4012 E. Nine Mile Rd. Warren, Mich	JE9-1420
Okla	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30, Tex	EM3-3698
Pa	Emlen-Peterson Co	Montgomery Ln. Radnor	MU8-0151
RI	Saunders & Co	8 Prospect St. Waltham, Mass. (54)	TW4-6071
SD	L H Josefson & Assoc	402 Sweet Briar Ln. Hopkins, Minn	WE8-6695
Tex	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30	EM3-3698
Vt	Saunders & Co	8 Prospect St. Waltham 54, Mass	TW4-6071
	GENERAL CONTROL CO	**1212 Soldiers Field Rd, Boston 34, Mass**	**ST2-7440**
	E Thibadeau #1 *38 1735-1810		
Cal	Rush & Key Electronics, Inc	3376 W 1st St. L A 4	DU8-7111
Ga	Paul Hayden & Associates	P.O. Box 331 East Point, Ga	PO7-9646
Ind	A E Williams Co	Rural Rt 1, Markle	SK8-5703
Md	Leff & Eader Corp	1844 Edgewood Rd. Baltimore 4	VA5-1130
Mass	Electrical Apparatus Co., Inc	1200 Soldiers Field Rd, Boston 34, Mass	ST2-7440
Mich	Basic Services Corp., The	16544 Plymouth Rd, Detroit 27, Mich	VE7-8820
NJ	Leff & Eader Corp	11 Peppermint Ln. Levittown	TR7-4040
N Y	E R A Inc	340 Great Neck Rd, Great Neck, N Y	HU2-9320
Ohio	Electro Com	5554 Pearl Rd. Cleveland 29	TU6-2404
Ohio	Electro Com	627 Salem Ave. Dayton 6	
Tex	P J Scanlon Co	2608 Inwood Rd. Dallas 35	FL1-9991
Can	D T Shaw Co	2340 Lucerne Rd. Montreal 16, Que	RI8-7018
Can	D T Shaw Co	PO Box 33, Weston, Ont	
	GENERAL CONTROLS CO	**801 Allen Ave, Glendale 1, Cal**	**VI9-2181**
	J Flickinger *3000 360-895-1165-1330-1460-1735-1805-1810-1920		
Ala	General Controls Co	5115 N. 7th St. Phoenix 14, Ariz	CR7-5362
Cal	General Controls Co	600 Bryant St, San Francisco 7, Cal	SU1-7580
Colo	General Controls Co	2323 W. 2nd Ave. Denver 23	PE3-4634
Fla	General Controls Co	547 Mandalay Rd. Jacksonville	RA5-4611
Ga	General Controls Co	1479 Spring St, N.W., Atlanta, Ga	TR6-4419
Ill	General Controls Co	8000 McCormick Blvd, Skokie, Ill	IR8-2323
Ind	General Controls Co	1520 E. Riverside Dr. Indpls 7	ME6-2537
Kan	General Controls Co	2904 Oak St, Kansas City 8, Mo	JE1-2400
Kan	General Controls Co	1335 N. Main St, Wichita 3, Kan	AM7-2843
La	General Controls Co	501 N Jefferson Davis, New Orleans	HU8-0279
Md	General Controls Co	6201 Eastern Ave, Baltimore 24, Md	ME3-7800
Mich	General Controls Co	15114 Plymouth Rd, Detroit 27, Mich	VE5-5625
Mich	General Controls Co	Iron Mountain, Mich	2910
Minn	General Controls Co	6522 Walker St, Minneapolis 26, Minn	WE9-7111
Mo	General Controls Co	1330 Hampton Ave, St. Louis 10, Mo	MI7-4702
Neb	General Controls Co	516 Keeline Bldg. Omaha 2	341-3416
NJ	Foster Engineering Div	1024 Springfield Rd, Union, NJ	MU6-4800
NY	Hammel-Dahl Div	205 E. 42nd St, New York 17, NY	OR9-6330
NY	General Controls Co	960 Kenmore Ave, Buffalo 23, NY	VI0110
NY	General Controls Co	317 State Tower Bldg, Syracuse 2, NY	HA2-2083
NC	General Controls Co	Rt 3, York Rd, Charlotte, NC	JA3-2576
Ohio	General Controls Co	934 Hollyfield Dr, Cincinnati 31, Ohio	JA2-0040
Ohio	General Controls Co	4317 Chester Ave, Cleveland 3, Ohio	EX1-3665
Ohio	General Controls Co	1219 W. 3rd Ave, Columbus 12, Ohio	AX4-4256
Okla	General Controls Co	1316 S. Peoria Ave, Tulsa 20, Okla	DI3-0054
Ore	General Controls Co	4611 S.E. Boise St, Portland 6, Ore	BE4-9373
Pa	General Controls Co	875 Greentree Rd. Pittsbgh 20	WA2-4567
Pa	General Controls Co	125 Indiana Ave, Ft Washington, Pa	MI6-7040
RI	General Controls Co	Warwick Industrial Park, Warwick, RI	ST1-4741
Tenn	General Controls Co	871 McCallie Ave, Chattanooga 3, Tenn	AM6-7201
Tex	General Controls Co	1804 N. Industrial Blvd, Dallas 7, Tex	RI1-3494
Tex	General Controls Co	3607 S. Sandman St, Houston 6, Tex	JA3-5671
Tex	General Controls Co	5116 W. 41st St. Lubbock, Tex	SW9-7477
Utah	General Controls Co	2862 S. State St, Salt Lake City, Utah	HU5-3491
Wash	General Controls Co	925 Westlake Ave, N., Seattle 9, Wash	AT4-0440
Wisc	General Controls Co	3812 W. Burnham St, Milwaukee 15, Wisc	OR1-4940
Can	General Controls Co. Can Ltd	427 51st Ave. Calgary, Alb	AL5-1101
Can	General Controls Co. Can Ltd	9911 88th Ave. Edmonton, Alb	HO9-1875
Can	General Controls Co. Can. Ltd	171 Dawson Rd. Guelph, Ont	TA4-2250
Can	General Controls Co. Can Ltd	5165 Sherbrooke St. W. Montreal, Que	HU1-4923
Can	General Controls Co. Can. Ltd	73 Simcoe St. Toronto 1, Ont	EM3-2013
Can	General Controls Co. Can. Ltd	1042 Davie St. Vancouver 5, B. C	MU3-3543
Can	General Controls Co. Can Ltd	1466 Erin St. Winnipeg 12, Man	SP5-6157
For	General Controls Int. S A	Rue St. Pierre 20, Fribourg, Switz	2-0404
Foreign	General Controls GmbH	Thurner Str 23, Dusseldorf, W. Germany	71417
	GENERAL CONTROLS CO., PIC AUTOMATION CONTROLS DIV	**8000 N. McCormick Blvd. Skokie, Ill**	**IR8-2323**
	J Goudry #250 *2500 G 895-1735		
Ariz	General Controls Co	5115 N. 7th St. Phoenix	CR7-5362
Cal	General Controls Co	801 Allen Ave. LA	VI9-1483
Cal	General Controls Co	8371 Beaver Lake Dr. San Diego	BE4-5588
Cal	General Controls Co	600 Bryant St. SF	SU1-7580
Colo	General Controls Co	2323 W. 2nd Ave. Denver	PE3-4634
Fla	General Controls Co	547 Mandalay Rd. Jacksonville	RA5-4611
Ga	General Controls Co	1479 Spring St. Atlanta	TR6-4419
Haw	General Controls Co	Box 2755, Honolulu	
Ind	General Controls Co	1520 E. Riverside Dr. Indpls	ME6-2537
Iowa	General Controls Co	901 - 30th St. W. Des Moines	CR7-5771
La	General Controls Co	348 Baronne St. New Orleans	TU8247
Md	General Controls Co	6201 Eastern Ave. Baltimore	ME3-7800
Mich	Basic Service Co	16544 Plymouth Rd. Detroit	VE7-8820
Minn	General Controls Co	6522 Walker St. Mnpls	WE9-7111
Mo	Wells-White Co	3937 Main St. KC	JE1-6400
Mo	Wells-White Co	6625 Delmar Blvd. St. Louis	PA6-2511
Neb	General Controls Co	610 Keeline Bldg. Omaha	AT3416
NY	Robert F Lamb Co	3407 Delaware, Buffalo	BE3757
NY	General Controls Co	205 E. 42nd St. NY	OR9-6330
NY	General Controls Co	317 State Tower Bldg. Syracuse	HA2-2083
NC	General Controls Co	Route #3, York Rd. Charlotte	JA3-2576
Ohio	James W Murray & Assoc	Box 28, Westwood Branch, Cinc	MO2-1616
Ohio	C A Robinson Co	4143 Mayfield Rd. Cleve	EV1-9049
Okla	General Controls Co	1316 S. Peoria Ave. Tulsa	LU3-0054
Ore	General Controls Co	4611 SE. Boise St. Portland	BE4-9373
Pa	General Controls Co	125 Indiana Ave. Ft. Wash. Ind. Pk.	MI6-7040
Pa	General Controls Co	875 Greentree Rd. Pittsbgh	WA2-4567
RI	General Controls Co	Warwick Ind. Pk. Warwick	ST1-4741
Tenn	General Controls Co	871 McCallie Ave. Chattanooga	AM6-7201
Tex	General Controls Co	1804 Ind. Blvd. Dallas	RI1-3491
Tex	General Controls Co	3607 S. Sandman St. Houston	JA3-5671
Tex	General Controls Co	5116 W. 41st St. Lubbock	SW9-7477
Utah	General Controls Co	2862 S. State St. Salt Lake City	HU5-3491
Wash	General Controls Co	925 Westlake Ave. N. Seattle	AT4-0440
Wis	General Controls Co	3812 W. Burnham St. Milwaukee	OR1-4940
	GENERAL CRYSTAL CO., INC	**P. O. Box 9, Burlington, Wisc**	**RO3-2425**
	K Aylsworth #2 *24 B 45-415		
Cal	L L Kozub	Box 23, Redwood City	
Cal	Wallace & Wallace Corp	1206 Maple, LA 15	
Ill	D Smith Assoc	32 S. River St. Aurora	
Ind	D Smith Assoc	32 S. River St. Aurora, Ill.	
NJ	Peterson-Rudnick Assoc	484 Clifton Ave. Newark	
NY	Peterson-Rudnick Assoc	70 Prospect Pk. W. Brooklyn	
ND	N J Laub Co	4710 Quail Ave. N. Mnpls 22, Minn	
SD	N J Laub Co	4710 Quail Ave. N. Mnpls 22, Minn	
Wis	D Smith Assoc	32 S. River St. Aurora, Ill.	
●	**GENERAL DEVICES INC**	**P. O. Box 253, Princeton, NJ**	**WA4-2500**
	R Moore #17 *200 E 275-325-330-338-365-440-470-895-1150-1340-1460-1735-1865-1870		
Ala	Kemp Eng Co	507 Franklin St. Huntsville	534-5351
Alas	General Devices, Inc	3141 Century Blvd. Inglewood, Cal	OR8-3889
Ariz	General Devices, Inc	3141 Century Blvd. Inglewood, Cal	OR8-3889
Cal	General Devices, Inc	3141 Century Blvd. Inglewood	OR8-3889
Colo	General Devices, Inc	3141 Century Blvd. Inglewood, Cal	OR8-3889
Conn	George Neuman & Co	PO Box 88, Wellesley Hills 81, Mass	CE5-5353
Fla	Candor Co., The	2080 Beach St. Winston Salem, NC	PA2-1432
Ga	Candor Co., The	162 Talmeda Rd. Oak Ridge, Tenn	OA5-1311
Haw	General Devices, Inc	3141 Century Blvd. Inglewood, Cal	OR8-3889
Idah	Avionics Liaison, Inc	Boeing Field, Seattle 8, Wash	PA3-7602
La	Kemp Eng Co	507 Franklin St. Huntsville, Ala	534-5351
Me	George Neuman & Co	PO Box 88, Wellesley Hills 81, Mass	CE5-5353
Mass	George Neuman & Co	PO Box 88, Wellesley Hills 81	CE5-5353
Miss	Kemp Eng Co	507 Franklin St. Huntsville, Ala	534-5351
Mont	General Devices, Inc	3141 Century Blvd. Inglewood, Cal	OR8-3889
Neb	General Devices, Inc	3141 Century Blvd. Inglewood, Cal	OR8-3889
Nev	General Devices, Inc	3141 Century Blvd. Inglewood, Cal	OR8-3889
NH	George Neuman & Co	PO Box 88, Wellesley Hills 81, Mass	CE5-5353
NM	General Devices, Inc	3141 Century Blvd. Inglewood, Cal	OR8-3889
NY	S F Foster Co	204 Southfield Dr, Fayettville, NY	NE7-6137
NY	S F Foster Co	204 Southfield Dr. Fayetteville	NE7-6137
NC	Candor Co., The	2080 Beach St. Winston Salem	PA2-1432
ND	General Devices, Inc	3141 Century Blvd. Inglewood, Cal	OR8-3889
Okla	Kemp Eng Co	PO Box 13251, Dallas 20, Tex	FL7-6663
Ore	Avionics Liaison, Inc	Boeing Field, Seattle 8, Wash	PA3-7602
RI	George Neuman & Co	PO Box 88, Wellesley Hills 81, Mass	CE5-5353
SC	Candor Co., The	2080 Beach St. Winston Salem, NC	PA2-1432
SD	General Devices, Inc	3141 Century Blvd. Inglewood, Cal	OR8-3889
Tenn	Candor Co., The	162 Talmeda Rd. Oak Ridge	OA5-1311
Tex	Kemp Eng Co	PO Box 13251, Dallas 20	FL7-6663
Utah	General Devices, Inc	3141 Century Blvd. Inglewood, Cal	OR8-3889
Vt	George Neuman & Co	PO Box 88, Wellesley Hills 81, Mass	CE5-5353
Va	Candor Co., The	2080 Beach St. Winston Salem, NC	PA2-1432
Wash	Avionics Liaison, Inc	Boeing Field 8, Seattle	PA3-7602
Wyo	General Devices, Inc	3141 Century Blvd. Inglewood, Cal	OR8-3889
	GEN. DYNAMICS/ELECTRONICS DIV. GEN. DYNAMICS CORP	**100 Carlson Rd. Rochester 3, NY**	**HU2-2200**
	J Anderson #1,400 *11000 G 45-55-280-320-325-338-375-775-895-910-925-1130-1135-1145-1255-1315-1370-1390-1425-1460-1470-1525-1655-1675-1705-1735-1765-1785-1845-1870-1895-1905		
Cal	General Dynamics Corp	1800 Rollins Rd. Burlingame	OX7-[illegible]
Cal	General Dynamics Corp	1355 Don Ave. Santa Clara	CH8-9290
Cal	General Dynamics Corp	2231 S. Barrington Ave. LA 64	[illegible]
Cal	General Dynamics Corp	156 Pacific Hwy. San Diego 12	CY8-8548
Colo	General Dynamics Corp	421 N Tejon St. Colorado Springs	ME4-1597
DC	General Dynamics Corp	1717 H St. NW Washington 6	RE7-5151
Fla	General Dynamics Corp	132 E Colonial Drive Orlando	CH1-5426
Ga	General Dynamics Corp	750 Ponce de Leon Pl. NE Atlanta 6	TR5-7467
Ill	General Dynamics Corp	564 W Adams St. Chicago 6	ST2-4235
Mass	General Dynamics Corp	442 Marrett Rd. Lexington 73	VO2-3091
Mo	General Dynamics Corp	3017 Grand Ave. KC 8	HA1-6618
Mo	General Dynamics Corp	2612 N Kingshighway St. Louis 13	FO1-0102
NJ	General Dynamics Corp	25 Reckless Pl. Red Bank	SH1-7064
NY	General Dynamics Corp	1 Rockefeller Plaza, New York 20	CI5-5000
Ohio	General Dynamics Corp	349 W. 1st St. Dayton	BA2-9461
Tex	General Dynamics Corp	2341 Farrington St. Dallas	RI8-7848
Tex	General Dynamics Corp	2918 Blackburn St. Dallas 4	LA8-0030
For	General Dynamics Corp	15 Rue De La Faisanderie Paris XVIe	KL66-23
	GEN. DYNAMICS/ELECTRONICS, INFO. TECH. DIV	**1895 Hancock St. San Diego 12, Cal**	**CY8-8331**
	H Weles #275 *600 280-325-338-365-565-635-895-1135-1150-1200-1575-1580-1655-1875-1880-1995		
Cal	General Dynamics Corp	1365 Don Ave. Santa Clara	CH8-9290
Colo	General Dynamics Corp	421 N. Tejon St. Colo Springs	ME4-1597
DC	General Dynamics Corp	1725 Eye St. NW	RE7-5151
Fla	General Dynamics Corp	132 E. Colonial Dr. Orlando	CH1-5426
Mass	General Dynamics Corp	442 Marrett Rd. Lexington	VO2-3091
NJ	General Dynamics Corp	25 Reckless Pl. Red Bank	SH1-7064
NY	General Dynamics Corp	Box 390, Rome	FF6-7400
Ohio	General Dynamics Corp	349 W. 1st St. Dayton 2	BA2-9461
Tex	General Dynamics Corp	2341 Farrington St. Dallas	RI2-6019
For	15 Rue de la Faisanderie	Paris 16, FR	KL66-23
●	**GENERAL ELECTRIC CO. APPARATUS SALES**	**1 River Rd. Schenectady 5, NY**	**FR4-2211**
	15-75-220-255-325-338-360-365-735-885-895-915-930-1045-1050-1135-1145-1165-1200-1245-1340-1380-1445-1455-1460-1475-1480-1595-1735-1745-1810-1825-1850-1855		
Ala	G E Apparatus	1804 7th Ave, N., Birmingham, Ala	FA2-[illegible]
Ala	G E Apparatus	704 Government St, Mobile, Ala	HE2-1672
Ariz	G E Apparatus	220 Luhrs Tower, Phoenix, Ariz	AL8-7724
Cal	G E Apparatus	321 Patterson Bldg. Fresno	AM6-8302
Cal	G E Apparatus	2407 "J" St. Sacramento	GI3-1798
Cal	G E Apparatus	2560 1st Ave. San Diego	BE3-6461

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	G E Apparatus	2155 S 1st St, San Jose	CY7-3000
Cal	G E Apparatus	212 N. Vignes St, Los Angeles, Cal	MA5-7361
Cal	G E Apparatus	409 13th St, Oakland, Cal	TW3-0086
Cal	G E Apparatus	235 Montgomery St, San Francisco, Cal	DO2-3740
Conn	G E Apparatus	764 Asylum Ave, Hartford, Conn	CH6-6841
Conn	G E Apparatus	129 Church St, New Haven, Conn	MA4-4101
DC	G E Apparatus	777 14th St, N.W., Washington, DC	EX3-3600
Fla	G E Apparatus	Henderson Blvd. at Lois Ave. Tampa	8-8874
Fla	G E Apparatus	1901 Main St, Jacksonville, Fla	EL6-8496
Fla	G E Apparatus	35 S.E. 2nd Ave, Miami, Fla	FR3-4621
Ga	G E Apparatus	1860 Peachtree, N.W., Atlanta, Ga	TR6-2451
Ga	G E Apparatus	682 Cherry St, Macon, Ga	3-1232
Ga	G E Apparatus	40 E. Bay St, Savannah, Ga	AD6-4423
Idaho	G E Apparatus	1524 Idaho St, Boise, Idaho	4-8444
Ill	G E Apparatus	2008 NE Perry Ave. Peoria	676-2186
Ill	G E Apparatus	4221 E State St. Rockford	8-1827
Ill	G E Apparatus	840 S. Canal St, Chicago, Ill	WA2-5611
Ind	G E Apparatus	312 N.W. 7th St, Evansville, Ind	HA5-3581
Ind	G E Apparatus	3606 S. Calhoun St, Ft. Wayne, Ind	EA7431
Ind	G E Apparatus	3750 N. Meridian, Indianapolis, Ind	WA3-7221
Ind	G E Apparatus	610 W. Michigan St, South Bend, Ind	CE4-4196
Iowa	G E Apparatus	1039 State St, Bettendorf, Davenport	355-0231
Iowa	G E Apparatus	210 2nd St, S.E., Cedar Rapids, Iowa	4-9149
Iowa	G E Apparatus	2113 W. Grand Ave, Des Moines, Iowa	CH3-0194
Kan	G E Apparatus	200 E. 1st St, Wichita, Kan	AM7-4263
Ky	G E Apparatus	436 E Main St, Lexington	4-7032
Ky	G E Apparatus	1705 Starks Bldg, Louisville, Ky	JU4-6334
La	G E Apparatus	705 N 7th St. West Monroe	
La	G E Apparatus	3170 Florida Blvd, Baton Rouge, La	DI3-7561
La	G E Apparatus	422 7th St, Lake Charles, La	HE3-3116
La	G E Apparatus	837 Gravier St, New Orleans, La	TU7231
La	G E Apparatus	206 Beck Bldg, Shreveport, La	3-8554
Md	G E Apparatus	111 Park Ave, Baltimore, Md	MU5-6500
Mass	G E Apparatus	140 Federal St, Boston, Mass	HU2-1800
Mass	G E Apparatus	120 Maple St, Springfield, Mass	RE4-5606
Mass	G E Apparatus	288 Grove St, Worcester, Mass	PL2-3741
Me	G E Apparatus	77 Central St, Bangor, Me	4144
Mich	G E Apparatus	407 Security Nat'l Bk Bldg, Battle Creek	WO2-5431
Mich	G E Apparatus	2821 Madison Ave. SE, Grand Rapids	GL6-7195
Mich	G E Apparatus	700 Antoinette St, Detroit, Mich	TR2-2600
Mich	G E Apparatus	653 S. Saginaw St, Flint, Mich	CE2-7146
Mich	G E Apparatus	120 W. Michigan Ave, Jackson, Mich	ST9-7147
Mich	G E Apparatus	927 S. Burdick St, Kalamazoo, Mich	FL5-8579
Mich	G E Apparatus	Second Nat Bank, Saginaw, Mich	PL5-8133
Minn	General Electric Co	14 W. Superior St, Duluth, Minn	RA2-2683
Minn	General Electric Co	12 S. 6th St, Minneapolis, Minn	FE8-6771
Miss	G E Apparatus	203 W Capitol St, Jackson	4-2318
Mo	General Electric Co	220 1/2 W. 4th St, Joplin, Mo	MA3-3881
Mo	General Electric Co	106 W. 14th St, Kansas City, Mo	VI2-9745
Mont	G E Apparatus	303 N Broadway, Billings	2-2051
Mont	G E Apparatus	103 N Wyoming St. Butte	4306
Neb	General Electric Co	409 S. 17th St, Omaha, Neb	AT4455
Nev	G E Apparatus	Box 4156, Las Vegas	OR8-3326
NJ	General Electric Co	520 Broad St, Newark, NJ	MA4-4144
NJ	General Electric Co	214 E. Hanover St, Trenton, NJ	OW5-7459
NM	G E Apparatus	120 Madeira Dr. NE, Albuquerque	AL5-5525
NY	G E Apparatus	8 Colvin Ave, Albany	IV9-4776
NY	G E Apparatus	509 Kent St. Utica	ED3-0922
NY	General Electric Co	19 Chenango St, Binghamton, NY	RA2-3466
NY	General Electric Co	625 Delaware Ave, Buffalo, NY	GA9210
NY	General Electric Co	570 Lexington Ave, New York, NY	PL1-1311
NY	General Electric Co	44 Falls St, Niagara Falls, NY	BU4-0441
NY	General Electric Co	89 East Ave, Rochester, NY	BA6720
NY	General Electric Co	3532 James St, Syracuse, NY	HO3-8511
NC	G E Apparatus	301-3 S Elm St. Greensboro	3-7426
NC	General Electric Co	112 S. Tryon St, Charlotte, NC	FR5-5571
NC	G E Apparatus	16 W Martin St, Raleigh	4-7353
Ohio	General Electric Co	665 W. Market St, Akron, Ohio	PO2-8841
Ohio	General Electric Co	1226 Market Ave, N., Canton, Ohio	GI3-0119
Ohio	General Electric Co	2621 Victory Pkwy, Cincinnati, Ohio	UN1-3400
Ohio	General Electric Co	4966 Woodland Ave, Cleveland, Ohio	EN1-4464
Ohio	General Electric Co	395 E. Broad St, Columbus, Ohio	CA8-2615
Ohio	General Electric Co	11 W. Monument, Dayton, Ohio	BA3-1263
Ohio	General Electric Co	420 Madison Ave, Toledo, Ohio	CH1-6291
Ohio	General Electric Co	272 E. Indianola Ave, Youngstown, Ohio	ST2-8143
Okla	G E Apparatus	119 N Robinson St. Oklahoma City	RE9-2574
Okla	General Electric Co	320 S. Boston Ave, Tulsa, Okla	LU5-8267
Ore	General Electric Co	1170 Pearl St, Eugene, Ore	DI5-7245
Ore	General Electric Co	107 E. Main St, Medford, Ore	2-5891
Ore	General Electric Co	2929 N.W. 29th Ave, Portland, Ore	CA8-0281
Pa	G E Apparatus	732 N 16th St. Allentown	HE5-9631
Pa	G E Apparatus	841 Oak St. Johnstown	7-8764
Pa	General Electric Co.	3 Penn Center Plaza, Philadelphia, Pa	LO8-1800
Pa	General Electric Co	Oliver Bldg, Pittsburgh, Pa	AT1-6400
Pa	General Electric Co	31 N. 5th St, Reading, Pa	4-5109
Pa	General Electric Co	56 N. Harrison St, York, Pa	8-2131
SC	G E Apparatus	1310 Lady St. Columbia	AL6-4278
SC	General Electric Co	108 W. Washington St, Greenville, SC	2-1584
Tenn	G E Apparatus	832 Georgia Ave. Chattanooga	AM6-1221
Tenn	G E Apparatus	322 Commerce St. Kingsport	CI5-9851
Tenn	G E Apparatus	18 S Cleveland St. Memphis	BR4-9613
Tenn	General Electric Co	1301 Hannah Ave, N.W., Knoxville, Tenn	3-4135
Tenn	General Electric Co	1717 West End Bldg, Nashville, Tenn	AL5-2793
Tex	G E Apparatus	704 S Johnson St. Midland	
Tex	G E Apparatus	303 Polk St, Amarillo	DR3-3781
Tex	G E Apparatus	434 Labor Ave. San Antonio	CA6-8349
Tex	General Electric Co	1385 Calder Ave, Beaumont, Tex	TE2-8453
Tex	General Electric Co	8101 Stemmons Fwy, Dallas, Tex	FL7-4581
Tex	General Electric Co	215 N. Stanton St, El Paso, Tex	3-7553
Tex	General Electric Co	4219 Richmond Ave, Houston, Tex	MO7-3301
Tex	General Electric Co	3002 Ave A, Lubbock, Tex	SH4-4563
Utah	General Electric Co	200 S. Main St, Salt Lake City, Utah	EM4-1861
Va	G E Apparatus	5001 W Broad St. Richmond	AT8-4071
Va	General Electric Co	920 S. Jefferson St, Roanoke, Va	DI5-7764
Wash	G E Apparatus	S 162 Post St. Spokane	TE8-3621
W Va	G E Apparatus	704 Bland St. Bluefield	DA5-7327
W Va	G E Apparatus	306 MacCorkle Ave. SE, Charleston	DI6-9421
W Va	G E Apparatus	40 14th St. Wheeling	108
W. Va	General Electric Co	310 Jacobs Bldg, Fairmont, W. Va	313
Wash	General Electric Co	504 W. Lewis St, Pasco, Wash	LI7-5515
Wash	General Electric Co	710 2nd Ave, Seattle, Wash	MA4-8300
Wisc	General Electric Co	510 W. College Ave, Appleton, Wisc	RE4-4536
Wisc	General Electric Co	940 W. St. Paul Ave, Milwaukee, Wisc	BR1-5000

GENERAL ELECTRIC CO CATHODE RAY TUBE DEPT .... **Syracuse, NY** **GR6-4411**
R McBride 1880

GENERAL ELECTRIC CO CLOCK & TIMER DEPT .... **Ashland, Mass** **TR2-4331**
J MacLeod G 360-1165-1810

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	W S Harmon Co	121 N. Robertson Blvd, Beverly Hills, Cal	
Ill	G E Clock & Timer Dept	Merch Mart, Chicago 54, Ill	DE7-4450
NY	G E Clock & Timer Dept	49 W. 36th St, New York 18, NY	LA4-7100

GENERAL ELECTRIC CO COMMUNICATIONS PRODS DEPT .... **Lynchburg, Va** **VI6-7311**
325-1135

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	G E Commun Prods Dept	608 Brown-Marx Bldg, Birmingham, Ala.	FA2-6844
Ariz	G E Commun Prods Dept	1102 N. 22nd Ave, Phoenix, Ariz	AL8-6721
Ark	G E Commun Prods Dept	115 N. State, Little Rock, Ark	FR2-1159
Cal	G E Commun Prods Dept	1722 Westwood Bd, Los Angeles, Cal	BR2-0948
Cal	G E Commun Prods Dept	232 N. Lake Ave, Pasadena, Cal	RY1-5965
Cal	G E Commun Prods Dept	565 Broadway, Redwood City, Cal	EM8-2883
Cal	G E Commun Prods Dept	2252 4th St, San Rafael, Cal	GL6-2366
Colo	G E Commun Prods Dept	3775 Grove St, Denver	GE3-6391
DC	G E Commun Prods Dept	777 14th St, N.W., Wash	EX3-3600
Fla	G E Commun Prods Dept	2541 Atlantic Blvd, Pompano Beach	WE3-8838
Fla	G E Commun Prods Dept	Petroleum Bldg, Tallahassee	4-5434
Fla	G E Commun Prods Dept	420 W. Lafayette St, Tampa	8-1918
Ga	G E Commun Prods Dept	Luckie Bldg, Atlanta	CE3-1079
Ga	G E Commun Prods Dept	1330 W. Peachtree St, Atlanta	TR5-9551
Ill	G E Commun Prods Dept	600 Waukegan Rd, Glenview	GL4-8633
Ill	G E Commun Prods Dept	202 Wacker Dr, Chicago, Ill	AN3-7830
Ind	G E Commun Prods Dept	606 W. Superior St, Ft. Wayne	E-7615
Ind	G E Commun Prods Dept	3750 W. Meridian, Ind	WA5-9633
La	G E Commun Prods Dept	3305 Metairie Rd, Metairie	VE5-5792
Md	G E Commun Prods Dept	6500 Quad Ave, Baltimore	DI2-5033
Mass	G E Commun Prods Dept	471 Washington St, Wellesley	CE5-4554
Mich	G E Commun Prods Dept	16247 Wyoming Ave, Detroit, Mich	DI1-1459
Mich	G E Commun Prods Dept	Bank Lansing Bldg, Lansing	IV2-4327
Minn	G E Commun Prods Dept	Towra Bldg, Excelsior	GR4-5948
Minn	G E Commun Prods Dept	3280 Gorham Ave, Minneapolis, Minn	WE9-4622
Mo	G E Commun Prods Dept	2826 Main St, Kansas City, Mo	LO1-8872
Mo	G E Commun Prods Dept	1805 S. Hanley, St. Louis, Mo	MI7-6350
Neb	G E Commun Prods Dept	Sharp Bldg, Lincoln	2-1936
NY	G E Commun Prods Dept	914 Old Liverpool Rd, Liverpool	OL2-2531
NY	G E Commun Prods Dept	271 North Ave, New Rochelle	3-7012
NC	G E Commun Prods Dept	Builders Bldg, Charlotte, NC	FR5-5244
ND	G E Commun Prods Dept	410 1/2 Thayer Ave, Bismarck	CA3-8111
Ohio	G E Commun Prods Dept	1514 Roburway Dr, Cincinnati, Ohio	BE1-1050
Ohio	G E Commun Prods Dept	1013 Williamson Bldg, Cleveland, Ohio	SU1-6832
Ohio	G E Commun Prods Dept	4292 Indianola Ave, Columbus	AM7-5473
Okla	G E Commun Prods Dept	6715 North May, Oklahoma City	VI2-4421
Ore	G E Commun Prods Dept	2929 N. W. 29th Ave, Portland, Ore	CA8-0281
Pa	G E Commun Prods Dept	3222 Devine St, Columbia, Pa	AL2-5437
Pa	G E Commun Prods Dept	5907 Penn Ave, Pittsburgh, Pa	EM2-5055
Tenn	G E Commun Prods Dept	471 Poplar Ave, Memphis	MU2-3591
Tenn	G E Commun Prods Dept	Life & Casualty Tower, Nashville	CH2-5469
Tex	G E Commun Prods Dept	3200 Maple Ave, Dallas	RI7-4296
Tex	G E Commun Prods Dept	1100 E. Holcomb Blvd, Houston, Tex	JA8-0657
Tex	G E Commun Prods Dept	212 W. Tex, Midland	MU2-9257
Tex	G E Commun Prods Dept	109 Lexington Ave, San Antonio, Tex	CA4-7151
Utah	G E Commun Prods Dept	2518 S. State St, S. Salt Lake City	HU4-5203
Va	G E Commun Prods Dept	Willow Lawn Shop Ctr, Richmond, Va	AT8-1935
Va	G E Commun Prods Dept	Mt. View Rd, Lynchburg, Va	VI6-7311
Wash	G E Commun Prods Dept	2 Hanford St, Seattle, Wash	MA2-7661
Wash	G E Commun Prods Dept	S. 162 Post, Spokane, Wash	TE8-3621
W. Va	G E Commun Prods Dept	516 D St, S. Charleston	RI4-9722
Wisc	G E Commun Prods Dept	510 W. College Ave, Appleton, Wisc	RE4-4536

GENERAL ELECTRIC CO. COMPUTER DEPT .... **13430 N. Black Canyon Hwy. Phoenix, Ariz** **WI3-2351**
L Sheeley *2500 G 338-340-430

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ariz	G E Computer Dept	3550 N. Central Ave. Phoenix	AM4-3741
Cal	G E Computer Dept	1010 S. Flower St. LA	DU1-3641
Cal	G E Computer Dept	235 Montgomery St. SF	DO2-3740
DC	G E Computer Dept	7401 Wisconsin Ave. Bethesda, Md	OL2-8100
Ga	G E Computer Dept	270 Peachtree St. NW. Atlanta	522-1611
Ill	G E Computer Dept	840 S. Canal St. Chicago	WA2-5611
Ky	G E Computer Dept	Bldg. 6, Appliance Pk. Louisville	GL4-7511
Mass	G E Computer Dept	140 Federal St. Boston	HU2-1800
Mich	G E Computer Dept	680 Antoinette St. Detroit	TR2-2600
Minn	G E Computer Dept	6th & Hennepin, Mpls	FE2-7569
Mo	G E Computer Dept	818 Olive St. St. Louis	GE6-4343
NY	G E Computer Dept	122 E. 42nd St. NY	PL1-1311
NY	G E Computer Dept	1 River Rd. Schenectady	FR4-2211
NY	G E Computer Dept	3001 James St. Syracuse	GR6-4411
Ohio	G E Computer Dept	215 Euclid Ave. Clevo	SU1-6822
Pa	G E Computer Dept	2 Penn Center Plaza, Phila	LO8-8005
Tex	G E Computer Dept	3200 Maple Ave. Dallas	RI8-0589
Tex	G E Computer Dept	4219 Richmond Ave. Houston	MO7-3301
Wash	G E Computer Dept	710 2nd Ave. Seattle	MA4-8300
Can	Canadian G E Co. Ltd	830 Lansdowne Ave. Toronto, Ont	
For	Producer Goods Dept. Intl. G E Div.	150 E 42nd St. NY, NY	

GENERAL ELECTRIC CO DISTRIBUTION ASSEMBLIES DEPT .... **41 Woodford, Plainville, Conn** **SH7-1671**
170-1735

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Md	G E Distr Assemblies	111 Park Ave, Baltimore 1, Md	MU5-6500
Minn	G E Distr Assemblies	6121 Excelsior Blvd, Minneapolis 16, Minn	WE9-4624
NY	G E Distr Assemblies	625 Delaware Ave, Buffalo 5, NY	GA9210

GENERAL ELECTRIC CO HEAVY MILITARY ELECTRONICS DEPT .... **Court St, Syracuse, NY** **GR6-4411**
G Prestwich #1200 *8000 G 338-380-410-455-670-775-885-895-1150-1395-1660-1790-1870

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Robert E Schmit	3325 Wilshire Blvd, Los Angeles, Cal	DU1-3641
Colo	J W Haumes	1424 N. Hancock Ave, Colorado Springs	ME3-1415
DC	H A Crossland	777 14th St, N.W., Wash, DC	EX3-3600
Mass	J H McClennan	114 Waltham St, Lexington, Mass	VO2-1425
NJ	D Marcum	43 W. Front St, Red Bank, NJ	SH1-6994

GENERAL ELECTRIC CO LAMINATED PRODS DEPT .... **Coshocton, Ohio** **MA2-5310**
B Brohl 975

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ariz	G E Laminated Prods. Dept	3550 N. Central Ave. Phoenix	AM5-3576
Cal	Western Fibrous Glass Prods. Co	4423 Fruitland Ave. LA 58	LU8-3211
Cal	Western Fibrous Glass Prods. Co	2915 1st Ave. S. Seattle 4, Wash	MA4-7250
Fla	Repco Sales Co	401 NW. 71st St. Miami 38	PL7-2911
Ill	Laminated Prods. Dept	840 S. Canal St. Chicago 80	WA2-5611
Ind	Laminated Prods. Dept	1250 Stadium Dr. Indpls 7	ME4-8443
Mass	Laminated Prods. Dept	145 N. Beacon St. Boston 35	AL4-5316
Minn	Laminated Prods. Dept	2524 Hennepin Ave. Mpls 5	FR7-3810
Mo	F H Ring Co	7400 Pershing, St. Louis 30	VO3-2511
NY	Laminated Prods. Dept	570 Lexington Ave. NY 22	PL1-1311
NY	Laminated Prods. Dept	3532 James St. Syracuse 1	HO3-8511
NY	Laminated Prods. Dept	1 River Rd. Schenectady 5	FR4-2211
Ohio	Laminated Prods. Dept	1468 Pearl Rd. Cleve 30	VI2-1000
Pa	Laminated Prods. Dept	5050 State Rd. Drexel Hill	CL9-2131
Tex	Artop Prods. Co	3060 Diplomacy Rd. Dallas	FL7-8141
Wash	Western Fibrous Glass Prods. Co	739 Bryant St. Seattle 7	SU1-5967

GENERAL ELECTRIC CO LAMP METALS & COMPONENTS DEPT .... **21800 Tungsten, Cleveland 17, Ohio** **KE1-5950**
R Hilbish Jr 265-700-748-890-1120-1125-1290-1505-1875-1885-1960-1970

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	General Elec. Co.	349 1st St. Los Altos	WH8-5000
Ill	General Elec. Co	4201 S. Pulaski Rd. Chicago 32	CL4-6161
Mass	General Electric Co	50 Ind Pk, Newton Upper Falls, Mass	DE2-6200

GENERAL ELECTRIC CO LIGHT MILITARY ELECTRONICS DEPT .... **French Rd, Utica, NY** **SW7-1000**
E Francis #951 *6070 G 35-325-338-360-775-885-895-1135-1395

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	GE-LMED	3325 Wilshire Blvd, Los Angeles, Cal	DU1-3641
DC	GE-LMED	777-14th St, N.W., Washington DC	EX3-3600
Mass	GE-LMED	114 Waltham St, Lexington 73	VO2-1425
Mo	GE-LMED	Meramec Bldg, Clayton, Mo	PA6-1311
Neb	GE-LMED	2231 Jefferson St, Bellevue, Neb	BE1784
NY	GE Specialty Heating Products	10 Mansion St, Coxsackie, NY	6-5611
NY	GE-LMED	Adv Elec Center, Cornell Univ, Ithaca	4-6321
NY	GE-LMED	600 Main St, Johnson City, NY	9-2511
Ohio	GE-LMED	333 W. 1st St, Dayton, Ohio	BA2-1135

GENERAL ELECTRIC CO. MAGNETIC MATERIALS SECTION .... **7842 N Neff Pl. Edmore, Mich** **HA7-5151**
M Herl 1085-1475-1790-1925

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	General Electric Co	2106 W. Washington Blvd, L A 18, Cal	RE1-6285
Colo	PA Mac Kelvie	951 Cottonwood Ave, Littleton, Colo	PY4-7411
Ga	General Electric Co	3230 Peachtree Rd, N.E., Atlanta 5, Ga	CE7-4086
Ill	General Elec. Co	4117 S. Western Blvd, Chicago 9	CL4-8950
Ill	J M Swisher	4616 Sovereign, Rockford	EX9-9539
Mass	General Elec. Co	471 Washington St, Wellesley	CE5-5521
Mich	M F McNeal	209 E. Tyrell, St. Louis	3932
NJ	General Electric Co	760 Colfax Ave, Kenilworth, NJ	CH5-7250
NY	A R Kozlowski	20 Irvington Rd, Rochester 20, NY	HI5-5370
Ohio	General Elec. Co	130 Northfield Rd. Bedford	BE2-8500
Can	Canadian G E Co. Ltd	1130 Blvd. Charest, W Quebec City	
Foreign	International General Electric	150 E. 42nd St, New York 17, NY	PL1-1311

GENERAL ELECTRIC CO MINIATURE LAMP DEPT .... **Nela Pk-Noble Rd, Cleveland, Ohio** **GL1-6600**
D Miller 990

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	General Electric Co	1448 Casa Vallecita, Alamo	YE4-9653
Cal	General Electric Co	2747 S. Malt Ave, Los Angeles 22, Cal.	RA3-2541
Colo	General Electric Co	6501 E. 44th Ave, Denver, Colo	DU8-4611
Conn	Roy J Duquette	565 E. Main St. Meriden	
Fla	General Electric Co	1350 N.W. 74th St, Miami 43, Fla	PL7-8481
Ga	General Electric Co	359 E. Paces Ferry Rd, Atlanta 5, Cal	CE7-0795
Ill	General Electric Co	155 N. Canal St, Chicago 6, Ill	DE2-4712
Ill	General Electric Co.	111 4th Ave. Rock Island	788-3405
Ind	General Electric Co	3333 N. Meridian, Indianapolis 8, Ind	WA4-5638
La	E N Livingston	4800 River Rd. New Orleans	VE5-6421
Me	Horton Flynt	Box 1096 Portland 1	
Md	General Electric Co	Box 7427, Baltimore 27, Md	CI2-5700
Mass	General Electric Co	50 Ind Pl, S.E., Newton Upper Falls	DE2-6200
Mich	General Electric Co	821 Fisher Bldg, Detroit 2, Mich	TR4-1400
Minn	A W Ewert	214 S. 16 St. Moorhead	CE3-1637
Minn	General Electric Co.	500 Stinson Blvd, Minneapolis 13, Minn	ST9-7286
Mo	General Electric Co	200 E. 16th Ave, N. Kansas City 16, Mo	GR1-3568
Mo	General Electric Co.	406 N. 12th Blvd, St. Louis 1, Mo	CH1-4920
Mont	Lucien V Campeau	103 N. Wyoming, Butte	4306
NH	B E Jacobson	40 Wash. St. Exeter	
NM	Philip R Ingles	119 Richmond St. SE Albuquerque	AM8-0016
NY	O C Nord	509 Kent St. Utica	SW7-1155
NY	General Electric Co	570 Lexington Ave, New York 22, NY	PL1-1311
NY	General Electric Co	3532 James St, Syracuse, NY	HO3-8511
NY	General Electric Co	35 Chestnut St, Rochester, NY	BA5-6720
NC	General Electric Co	1001 Tuckaseegee Rd, Charlotte, NC	FA6-6585
Ohio	General Electric Co	12910 Taft Ave, Cleveland 8, Ohio	LI1-1700
Ohio	C T Niesen & J H Gerard	990 Nassau St. Cinc 6	PL1-0411
Ohio	General Electric Co	4292 Indianola Ave, Columbus 14, Ohio	AM3-1262
Ohio	General Electric Co	225 N. Wilkinson St, Dayton 2, Ohio	BA3-5286
Okla	Mac F Workman	6715 N. May St. Oklahoma City	VI2-4028
Pa	General Electric Co	Rt 202 at Expwy, King of Prussia, Pa	MU8-5900
Pa	General Electric Co	238 W. Carson St, Pittsburgh 19, Pa	GR1-3060
SD	L D Leach	1312 S. Willow St. Sioux Falls	ED8-1654
Tenn	General Electric Co	1179 Moreland St, Memphis 7, Tenn	JA3-1441
Tex	W H Kruger	5534 Armour Dr, Houston 20	WA3-2549
Tex	J H Glavy	5712 Trowbridge, El Paso	
Tex	T L Morton	Box 574, Lubbock	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Tex	General Electric Co	6500 Cedar Springs Rd, Dallas, Tex	FL1-3725
Wash	N R O'Farrell	2400 6th Ave. S. Seattle 4	MA2-4081
Wisc	General Electric Co	5300 N. Sherman Blvd, Milwaukee 9	HO2-[illegible]
	GENERAL ELECTRIC CO ORDNANCE DEPT	**100 Plastics Ave, Pittsfield, Mass**	**HI3-3561**
	R Berendsen #725 *4,350 G 45-338-775-1300-1390-1550-1555		
Cal	General Electric Co	2443 Ash St, Palo Alto, Cal	
DC	General Electric Co	777 14th St, N.W., Wash, DC	EX3-3600
	GENERAL ELECTRIC CO POWER TUBE DEPT	**1 River Rd, Schenectady 5, NY**	**FR4-2211**
	H Cole 620-1135-1880		
Cal	G E Power Tube Dept	11840 W Olympic Blvd, L A	GR9-7765
DC	G E Power Tube Dept	777-14th St NW, Wash	EX3-3600
Fla	G E Power Tube Dept	104 E Gore Ave, Orlando	GA4-6780
Ill	G E Power Tube Dept	3800 N Milwaukee Ave, Chicago	SP7-1600
NJ	G E Power Tube Dept	200 Main Ave, Clifton	GR3-6387
NY	G E Power Tube Dept	200 Main Ave, Clifton, NJ	GR3-6387
NY	G E Power Tube Dept	106-108 Monarch Rd, Liverpool	OL2-5102
Ohio	G E Power Tube Dept	118 W First St, Dayton	BA3-7151
	GENERAL ELECTRIC CO RECEIVING TUBE DEPT	**316 E. 9 St, Owensboro, Ky**	**MU3-2401**
	W Greenwood #200 *6,000 1880		
Cal	G E Receiving Tube Dept	11840 W Olympic Blvd, L A	GR9-7765
Cal	G E Receiving Tube Dept	442 Peninsular Ave, San Mateo	DI2-7201
DC	G E Receiving Tube Dept	777 14th St NW, Wash	EX3-3600
Fla	G E Receiving Tube Dept	104 E Gore Ave, Orlando	GA4-6780
Ill	G E Receiving Tube Dept	3800 N Milwaukee Ave, Chicago	SP7-1600
Mass	G E Receiving Tube Dept	701 Washington St, Newtonville	WO9-9420
Mich	G E Receiving Tube Dept	17220 W Eight Mile Rd, Southfield	KE4-5003
Minn	G E Receiving Tube Dept	3280 Gorham Ave, Minneapolis	WE9-4521
NJ	G E Receiving Tube Dept	200 Main Ave, Clifton	GR3-6387
NY	G E Receiving Tube Dept	200 Main Ave, Clifton, NJ	WI7-4065
Tex	G E Receiving Tube Dept	3200 Maple Ave, Dallas	RI7-4571
	GENERAL ELECTRIC CO. RECTIFIER COMPONENTS DEPT	**Auburn, NY**	**AL3-7321**
	J Mangeneat #75 *1500 G 1445		
Ala	A M Barko	104 E Gore Ave. Orlando, Fla	CH1-2991
Alas	A J Spafford	220 Dawson St. Seattle 8, Wash	PA5-6800
Ariz	H M Van Bemmelen	2404 N Central Ave. Phoenix	AL8-7724
Ark	R R Faulkin	3200 Maple Ave. Dallas, Tex	RI2-7971
Cal	H W Gebhardt	11840 W Olympic Blvd. Los Angeles	GR9-7765
Colo	G R Sahl	Box 2331, Denver	DU8-5771
Conn	J J Skelly	410 Asylum St. Hartford	JA7-0139
Del	D J Lounay	777 14th St. NW, Washington, DC	EX3-3600
DC	P V Hahn	777 14th St. NW, Washington	EX3-3600
Fla	A M Barko	104 E Gore Ave. Orlando	CH1-2991
Ga	A M Barko	104 E Gore Ave. Orlando, Fla	CH1-2991
Haw	R W Olsen	442 Peninsular Ave. San Mateo, Cal	DI2-7201
Idah	A J Spafford	220 Dawson St. Seattle 8, Wash	PA5-6800
Ill	G R Curtis	3800 N Milwaukee Ave. Chicago	SP8-1680
Ind	C K Hayslip	3800 N Milwaukee Ave. Chicago, Ill	SP7-1600
Iowa	J Munson	3800 N Milwaukee Ave. Chicago, Ill	SP8-1680
Kan	C D Gallaher	3275 S Hampton, St Louis, Mo	ST1-0409
Ky	G R Curtis	3800 N Milwaukee Ave. Chicago, Ill	SP7-1600
La	R R Faulkin	3200 Maple Ave. Dallas, Tex	RI2-7971
Me	J E Teahan	701 Washington St. Newtonville, Mass	DE2-7120
Md	D J Lounay	777 14th St. NW, Washington, DC	EX3-3600
Mass	J E Teahan	701 Washington St. Newtonville	DE2-7120
Mich	R C Oliver	17220 W 8 Mile Rd. Southfield	EL6-1075
Minn	J C Dempsey	3280 Gorham Ave. S, Minneapolis, Minn	WE9-4621
Miss	R R Faulkin	3200 Maple Ave. Dallas, Tex	RI2-7971
Mo	C D Gallaher	3275 S Hampton, St Louis	ST1-0409
Mont	G R Sahl	Box 2331, Denver, Colo	DU8-5771
Neb	G R Sahl	Box 2331, Denver, Colo	DU8-5771
Nev	R W Olsen	442 Peninsular Ave. San Mateo, Cal	DI2-7201
NH	J E Teahan	701 Washington St. Newtonville, Mass	DE2-7120
NJ	J P Brady	200 Main Ave. Clifton	GR3-6387
NM	G R Sahl	Box 2331, Denver, Colo	DU8-5771
NY	C J Goodman	Kalley Bldg. Liverpool	GR6-4411
NC	P V Hahn	1416 E Morehead St. Charlotte	ED3-7731
ND	G R Sahl	Box 2331, Denver, Colo	DU8-5771
Ohio	E W Hostway	2111 S Green Rd. Cleveland	EV2-5650
Okla	R R Faulkin	3200 Maple Ave. Dallas, Tex	RI2-7971
Ore	A J Spafford	220 Dawson St. Seattle 8, Wash	
Pa	T Loucas	1 Belmont Ave. Bala Cynwyd	GR7-6237
RI	J J Skelly	410 Asylum St. Hartford, Conn	JA7-0135
SC	A M Barko	104 E Gore St. Orlando, Fla	CH1-2991
SD	G R Sahl	Box 2331, Denver, Colo	DU6-5771
Tenn	R H Baumann	118 W 1st St. Dayton, Ohio	BA3-7151
Tex	R R Faulkin	3200 Maple Ave. Dallas	RI2-7971
Utah	G R Sahl	Box 2331, Denver, Colo	DU8-5771
Vt	J E Teahan	701 Washington St. Newtonville, Mass	DE2-7120
Va	P V Hahn	777 14th St. NW, Washington, DC	EX3-3600
Wash	A J Spafford	220 Dawson St. Seattle 8	
W Va	R H Baumann	118 W 1st St. Dayton, Ohio	BA3-7151
Wis	J C Dempsey	3280 Gorham Ave. S, Minneapolis, Minn	WE9-4621
Wyo	G R Sahl	Box 2331, Denver, Colo	DU8-5771
Can	W J Wroblica	Kelley Bldg. Liverpool, NY	GR4411
	GENERAL ELECTRIC CO SEMICONDUCTOR PRODS DEPT	**Charles Bldg, Liverpool, NY**	**GR6-4411**
	G 500-1860		
Ariz	GE Semiconductor Products	3404 N Central Ave. Phoenix	AL8-7724
Cal	G E Semiconductor Products	442 Peninsular Ave, San Mateo, Cal	DI2-7201
Cal	GE Semiconductor Products	121 Broadway, San Diego	BE3-1329
Cal	G E Semiconductor Products	11840 W Olympic Blvd. LA	GR9-7763
Colo	GE Semiconductor Products	P O Box 2331, Denver	DU8-5771
Conn	GE Semiconductor Products	410 Asylum St. Hartford	JA7-6419
DC	G E Semiconductor Products	777 14th St, N.W., Wash 5, DC	EX3-3600
Fla	GE Semiconductor Products	740 Essex Pl. Orlando	CH1-2991
Ill	G E Semiconductor Products	3800 N. Milwaukee Ave, Chicago, Ill	SP7-1600
Mass	G E Semiconductor Products	701 Washington St, Newtonville 60, Mass	DE2-7120
Mich	GE Semiconductor Products	17220 W 8 Mile Rd. Southfield	EL6-1075
Minn	GE Semiconductor Products	3280 Gorham Ave. S, Minneapolis	WE9-4621
Mo	GE Semiconductor Products	2375 S Hampton Ave. St Louis	ST1-0409
NH	G E Semiconductor Products	200 Main Ave, Clifton, NJ	GR3-6387
NY	G E Semiconductor Products	600 Old Country Rd, Garden City, NY	PI1-4710
Ohio	GE Semiconductor Products	118 W 1st St. Dayton	BA3-7151
Ohio	GE Semiconductor Products	2111 S Green Rd. Cleveland 21	EV2-5650
Pa	GE Semiconductor Products	1 Belmont Ave. Bala Cynwyd	GR7-6237
Tex	G E Semiconductor Products	3200 Maple Ave, Dallas, Tex	RI2-7971
Va	GE Semiconductor Products	Church Ave. Plant, Lynchburg	VI7-5104
Wash	GE Semiconductor Products	220 Dawson St. Seattle	PA5-6800
	GENERAL ELECTRIC CO., SILICONE PRODS DEPT	**Dept EBG, Waterford, NY**	**AD8-3330**
	K Murray 30-315-695-900-1290		
Cal	G E Silicone Products	8155 E Florence St, Downey	SP3-3144
Cal	G E Silicone Products	220 E. 3rd Ave, San Mateo, Cal	DI2-6044
Conn	G E Silicone Products	1285 Boston Ave, Bridgeport 2, Conn	ED4-1012
Fla	G E Silicone Products	Box 2614, Jacksonville 3, Fla	EX8-1822
Ill	G E Silicone Products	840 S. Canal St, Chicago 80, Ill	WA2-5611
Mass	G E Silicone Products	145 N. Beacon St, Boston 35, Mass	AL4-5318
Mich	G E Silicone Products	2211 Woodward Ave, Detroit 1, Mich	WO3-7811
Mo	G E Silicone Products	2375 Hampton Ave, St. Louis 10, Mo	ST1-0409
NJ	G E Silicone Products	254 Elizabeth Ave, Newark, NJ	BI3-3662
NC	G E Silicone Products	1801 Pembroke Rd, Greensboro, NC	BR3-0051
Ohio	G E Silicone Products	1503 Brookpark Rd, Cleveland 9, Ohio	SH9-2700
Pa	G E Silicone Products	1405 Locust St, Philadelphia, Pa	PE5-9028
Tex	G E Silicone Products	6500 Cedar Springs, Dallas, Tex	FL1-3725
Canada	Canadian G E Co Ltd	940 Lansdowne Ave, W., Toronto, Can	LE4-6511
Foreign	International G E Co	150 E. 42 St, New York 17, NY	PL1-1311
	GENERAL ELECTRIC CO SPECIALTY HEATING PRODS SEC	**Box 278, Coxsackie, NY**	**CO6-5621**
	W Morrigan 575		
Cal	General Electric Co	3325 Wilshire Blvd, Los Angeles, Cal	DU1-3641
Ill	B T Clark Co	1105 N Mitchell St, Arlington Heights, Ill	CL3-8456
●	**GENERAL ELECTRIC WILLOUGHBY QUARTZ PLANT**	**Dept EBG-60, Willoughby, Ohio**	**WH2-9300**
	R Yerman *500 G 885-1015-1385-1890		
Cal	General Electric Co	2747 S. Malt Ave, Los Angeles 22, Cal	RA3-2541
Mass	General Electric Co	57 Industrial Pl, Newton Upper Falls 64	DE2-6700
NJ	General Electric Co	744 Broad St, Newark 2, NJ	MA3-3953
●	**GENERAL ELECTRIC CO, WIRE & CABLE DEPT**	**1285 Boston Ave, Bridgeport 2, Conn**	**ED4-1012**
	190-1960		
Cal	General Electric Co	2142 Tubeway Ave, Los Angeles 22, Cal	OV5-7639
Mass	General Electric Co	1180 Beacon St. Newton Highlands 61	WO9-8200
NY	General Electric Co	111 Eighth Ave, New York 11, NY	WA4-7300
Ohio	General Electric Co	4520 W 150th St, Cleveland 35, Ohio	CL2-3600
Ohio	General Electric Co	1421 E McMillan St, Cincinnati 6, Ohio	PL1-3130
Pa	General Electric Co	4311 N G St, Phila 24, Pa	CU9-6310
Tex	General Electric Co	5718 Armour Dr, Houston 20, Tex	WA8-5491
	GENERAL ELECTRIC CO X-RAY DEPT	**4855 Electric Ave, Milwaukee, Wisc**	**EV3-3211**
	E Phillee #350 *2,000 G 10-200-250-895-1400-1880-1900		
Ala	G E X-Ray Dept	707 S. 21st St, Birmingham, Ala	AL2-3578
Ariz	G E X-Ray Dept	821 W. Adams St, Phoenix, Ariz	AL4-0181
Ark	G E X-Ray Dept	3015 Lewis St, Little Rock, Ark	MO4-1991
Cal	G E X-Ray Dept	1225 N. Vermont Ave. Los Angeles, Cal	NO3-9367
Cal	G E X-Ray Dept	521 Grape St, San Diego, Cal	BE2-8139
Cal	G E X-Ray Dept	1269 Howard St, San Francisco, Cal	MA1-3864
Cal	G E X-Ray Dept	235 Montgomery St, San Francisco, Cal	DO2-3740
Colo	G E X-Ray Dept	3931 E. 40th Ave, Denver, Colo	DU8-4958
Conn	G E X-Ray Dept	528 Farmington Ave, Hartford, Conn	AD3-2616
DC	G E X-Ray Dept	8710 Georgia, N.W., Silver Spring, Md	JU9-4355
Fla	G E X-Ray Dept	1009 W. Platt St, Tampa, Fla	8-3757
Fla	G E X-Ray Dept	210 W. 8 St, Jacksonville, Fla	EL4-3188
Fla	G E X-Ray Dept	104 S.W. 27 Ave, Miami, Fla	HI3-1719
Fla	G E X-Ray Dept	Bryan Dairy Rd, St. Petersburg, Fla	WA1-9611
Ga	G E X-Ray Dept	1383 Spring St, N.W., Atlanta, Ga	TR5-2706
Hawaii	G E X-Ray Dept	745 Fort St, Honolulu, Hawaii	5-1511
Ill	G E X-Ray Dept	917-19 E. Adams St, Springfield, Ill	SP4-5487
Ill	G E X-Ray Dept	1061 W. Jackson Blvd, Chicago, Ill	SE3-0700
Ind	G E X-Ray Dept	1845 W. 18 St, Indianapolis, Ind	ME5-4576
Iowa	G E X-Ray Dept	2211 W. Grand Ave, Des Moines, Iowa	AT8-0295
Ky	G E X-Ray Dept	501 W. Oak St, Louisville, Ky	JU3-9562
La	G E X-Ray Dept	1511-13 Line Ave, Shreveport, La	2-8743
La	G E X-Ray Dept	7715 Edinburgh, New Orleans, La	HU8-7742
Md	G E X-Ray Dept	3012 Greenmount Ave, Baltimore, Md	HO7-5340
Mass	G E X-Ray Dept	163 Mechanic St, Worcester, Mass	PL6-0416
Mass	G E X-Ray Dept	365 Belmont Ave, Springfield, Mass	RE2-2936
Mass	G E X-Ray Dept	1256 Soldiers Field Rd, Boston, Mass	ST2-1100
Mich	G E X-Ray Dept	18801 W. 7 Mile Rd, Detroit, Mich	KE7-6300
Minn	G E X-Ray Dept	928 E. Second St, Duluth, Minn	RA4-8648
Minn	G E X-Ray Dept	808 Nicollet Ave, Minneapolis, Minn	FE6-1643
Mo	G E X-Ray Dept	2200 S. 59 St, St. Louis, Mo	MI5-1565
Mo	G E X-Ray Dept	706 Westport Rd, Kansas City, Mo	JE1-3505
Mont	G E X-Ray Dept	103 N. Wyoming St, Butte, Mont	2-5871
NJ	G E X-Ray Dept	52 Comm St, Newark, NJ	DR9-4865
NY	G E X-Ray Dept	65 Delaware Ave, Buffalo, NY	GA9210
NY	G E X-Ray Dept	1937 Teall Ave, Syracuse, NY	HE7-8438
NY	G E X-Ray Dept	8 Elk St, Albany, NY	3-4447
NY	G E X-Ray Dept	960 Busti Ave, Buffalo	TT3-5425
NY	G E X-Ray Dept	41-15 27th St, Long Island City	EX2-5580
NY	G E X-Ray Dept	75 College Ave, Rochester	GR3-993[illegible]
NC	G E X-Ray Dept	1140 Elizabeth Ave, Charlotte, NC	FR5-1531
Ohio	G E X-Ray Dept	520 Broadway, Toledo, Ohio	CH2-9744
Ohio	G E X-Ray Dept	3056 W. McMicken Ave, Cincinnati, Ohio	MU1-7230
Ohio	G E X-Ray Dept	3829 Carnegie Ave, Cleveland, Ohio	UT1-9800
Ohio	G E X-Ray Dept	1373 Columbus Ave, Columbus, Ohio	HU8-0519
Okla	G E X-Ray Dept	4030 N.W. 10th St, Oklahoma City, Okla	DI3-7163
Ore	G E X-Ray Dept	522 N.W. 23 Ave, Portland, Ore	CA7-6503
Pa	G E X-Ray Dept	Hunting Park At Ridge, Philadelphia, Pa	BA5-7600
Pa	G E X-Ray Dept	231 S. Euclid Ave, Pittsburgh, Pa	EM2-3800
RI	G E X-Ray Dept	241 Harris Ave, Providence, RI	UN1-5888
Tenn	G E X-Ray Dept	778 Madison Ave, Memphis, Tenn	JA5-0526
Tenn	G E X-Ray Dept	507 E. 8 St, Chattanooga, Tenn	AM5-7022
Tex	G E X-Ray Dept	211 N. McCullough Ave, San Antonio	CA3-6943
Tex	G E X-Ray Dept	3516 Oak Lawn Ave, Dallas, Tex	RI1-1568
Tex	G E X-Ray Dept	4101 San Jacinto, Houston	JA6-4783
Tex	G E X-Ray Dept	6412 Fannin St, Houston	JA9-4785
Utah	G E X-Ray Dept	215 S. 14th E., Salt Lake City, Utah	EM3-2901
Utah	G E X-Ray Dept	230 S Main St, Salt Lake City	EM4-1891
Va	G E X-Ray Dept	515 Norfolk Ave, S.W., Roanoke, Va	DI3-6329
Va	G E X-Ray Dept	3425 Leigh St, Richmond, Va	EL9-5051
Wash	G E X-Ray Dept	N. 1112 Washington St, Spokane, Wash	FA9-5554
Wash	G E X-Ray Dept	217-8 Ave, N, Seattle, Wash	MA3-5602
W. Va	G E X-Ray Dept	5616 MacCorkle Ave, S.E., Charleston	WA5-9475
Wisc	G E X-Ray Dept	547 N. 16th St, Milwaukee, Wisc	DI2-1337
●	**GENERAL ELECTRODYNAMICS CORP**	**4430 Forest Ln, Garland, Tex**	**BR6-1161**
	H Albertine Jr #15 *100 D 338-365-820-885-895-1880		
Ala	Nelson E Thomas & Assoc	7825 Forshey St. New Orleans 25, La	HU8-3072
Ariz	Pelco Sales, Inc	351 E Alondra Blvd. Gardena, Cal	DA3-1628
Ark	Nelson E Thomas & Assoc	7825 Forshey St. New Orleans 25, La	HU8-3072
Cal	Pelco Sales, Inc	351 E Alondra Blvd. Gardena	DA3-1628
Colo	Pelco Sales, Inc	351 E Alondra Blvd. Gardena, Cal	DA3-1628
Conn	Videonics, Inc	90 Massachusetts Ave. Cambridge 39, Mass	TR6-0164
Fla	Nelson E Thomas & Assoc	7825 Forshey St. New Orleans 25, La	HU8-3072
Ga	Nelson E Thomas & Assoc	7825 Forshey St. New Orleans 25, La	HU8-3072
Idah	Pelco Sales, Inc	351 E Alondra Blvd. Gardena, Cal	DA3-1628
La	Nelson E Thomas & Assoc	7825 Forshey St. New Orleans 25	HU8-3072
Me	Videonics, Inc	90 Massachusetts Ave. Cambridge 39, Mass	TR6-0164
Mass	Videonics, Inc	90 Massachusetts Ave. Cambridge 39	TR6-0164
Miss	Nelson E Thomas & Assoc	7825 Forshey St. New Orleans 25, La	HU8-3072
Mont	Pelco Sales, Inc	351 E Alondra Blvd. Gardena, Cal	DA3-1628
Nev	Pelco Sales, Inc	351 E Alondra Blvd. Gardena, Cal	DA3-1628
NH	Videonics, Inc	90 Massachusetts Ave. Cambridge 39, Mass	TR6-0164
NJ	Videonics, Inc	90 Massachusetts Ave. Cambridge 39, Mass	TR6-0164
NM	Pelco Sales, Inc	351 E Alondra Blvd. Gardena, Cal	DA3-1628
NY	Videonics, Inc	90 Massachusetts Ave. Cambridge 39, Mass	TR6-0164
Okla	Nelson B Thomas & Assoc	7825 Forshey St. New Orleans 25, La	HU8-3072
Ore	Pelco Sales, Inc	351 E Alondra Blvd. Gardena, Cal	DA3-1628
Pa	Videonics, Inc	90 Massachusetts Ave. Cambridge 39, Mass	TR6-0164
RI	Videonics, Inc	90 Massachusetts Ave. Cambridge 39, Mass	TR6-0164
Tenn	Nelson E Thomas & Assoc	7825 Forshey St. New Orleans 25, La	HU8-3072
Tex	Nelson E Thomas & Assoc	7825 Forshey St. New Orleans 25, La	HU8-3072
Utah	Pelco Sales, Inc	351 E Alondra Blvd. Gardena, Cal	DA3-1628
Vt	Videonics, Inc	90 Massachusetts Ave. Cambridge 39, Mass	TR6-0164
Wash	Pelco Sales, Inc	351 E Alondra Blvd. Gardena, Cal	DA3-1628
Wyo	Pelco Sales, Inc	351 E Alondra Blvd. Gardena, Cal	DA3-1628
	GENERAL ELECTRONIC CONTROL INC	**8001 Bloomington Frwy. Mpls 20, Minn**	**TU8-5511**
	K Stevens #100 *300 E 360-385-895-915-1135-1145-1655		
Ala	Hollingsworth & Still	223 Peachtree St. Atlanta 3, Ga	MU8-5878
Ala	McMullen Irby Co.	5 Ivy Bldg. Atlanta, Ga	JA4-7935
Alas	Apex Eqpt Co	4001 21st Ave. W, Seattle, Wash	AT3-7380
Ariz	E-M Sales Co	8971 National Blvd. Los Angeles, Cal	UP0-5973
Ark	Jack McKinney Sales Co	1303 Chemical, Dallas, Tex	RI1-1368
Ark	Marine Service Sales	209 E Main, Waxahachie, Tex	WE7-1388
Cal	E-M Sales Co	8971 National Blvd. Los Angeles	UP0-5973
Colo	H T McCune	2501 Blake St. Denver	
Conn	Adam F Eby & Assoc	921 Main St. Buffalo, NY	TT2-1335
Del	Jack Greenberg Co	506 Milford Mill, Baltimore, Md	
DC	Jack Greenberg Co	506 Milford Mill, Baltimore, Md	
Fla	Hollingsworth & Still	223 Peachtree St. Atlanta 3, Ga	MU8-5878
Fla	R F Rottrock & Sons	701 Argyle Trail, Maitland	
Ga	Hollingsworth & Still	223 Peachtree St. Atlanta 3	MU8-5878
Ga	McMullen Irby Co.	5 Ivy Bldg. Atlanta	JA4-7935
Idah	Apex Eqpt Co	4001 21st Ave. W, Seattle, Wash	AT3-7380
Ill	Beckley-Cardy Co	1900 N Narragansett, Chicago 39	NA2-5420
Ill	L F Florence Co	406 W 34th St. Kansas City, Mo	LO1-7282
Ind	Harold N Fitting & Assoc	4841 S Park Dr. Fort Wayne	HA8-488
Iowa	L F Florence Co	406 W 34th St. Kansas City, Mo	LO1-7282
Kan	L F Florence Co	406 W 34th St. Kansas City, Mo	LO1-7282
Ky	Harold N Fitting & Assoc	4841 S Park Dr. Fort Wayne, Ind	HA8-488
La	Jack McKinney Sales Co	1303 Chemical, Dallas, Tex	RI1-1368
La	Marine Service Sales	209 E Main, Waxahachie, Tex	WE7-1388
Me	Adam F Eby & Assoc	921 Main St. Buffalo, NY	TT2-1335
Md	Jack Greenberg Co	506 Milford Mill, Baltimore, Md	
Mass	Adam F Eby & Assoc	921 Main St. Buffalo, NY	TT2-1335
Mich	Harold N Fitting & Assoc	4841 S Park Dr. Fort Wayne, Ind	HA8-488
Minn	Nick Laub Co	3749 W Broadway, Mpls	JU8-4663
Minn	Farnham Stationery & School Supply	301 S 5th St. Minneapolis	FE2-4242
Miss	McMullen Irby Co.	5 Ivy Bldg. Atlanta, Ga	JA4-7935
Miss	Jack McKinney Sales Co	1303 Chemical, Dallas, Tex	RI1-1368
Mo	L F Florence Co	406 W 34th St. Kansas City	LO1-7282
Neb	L F Florence Co	406 W 34th St. Kansas City, Mo	LO1-7282
NH	Adam F Eby & Assoc	921 Main St. Buffalo, NY	TT2-1335
NM	H T McCune	2501 Blake St. Denver, Colo	
NY	Adam F Eby & Assoc	921 Main St. Buffalo	TT2-1335
NC	Hollingsworth & Still	223 Peachtree St. Atlanta 3, Ga	MU8-5878
NC	McMullen Irby Co.	5 Ivy Bldg. Atlanta, Ga	JA4-7935
ND	Nick Laub Co	3749 W Broadway, Minneapolis, Minn	JU8-4663
Ohio	Harold N Fitting & Assoc	4841 S Park Dr. Fort Wayne, Ind	HA8-488
Okla	Jack McKinney Sales Co	1303 Chemical St. Dallas, Tex	RI1-1368
Okla	Marine Service Sales	209 E Main, Waxahachie, Tex	WE7-1388
Ore	Apex Eqpt Co	4001 21st Ave. W, Seattle, Wash	AT3-7380
Pa	Adam F Eby & Assoc	921 Main St. Buffalo, NY	TT2-1335
RI	Adam F Eby & Assoc	921 Main St. Buffalo, NY	TT2-1335
SC	McMullen Irby Co	5 Ivy Bldg. Atlanta, Ga	JA4-7935
SC	Hollingsworth & Still	223 Peachtree St. Atlanta 3, Ga	MU8-5878
SD	Nick Laub Co	3749 W Broadway, Minneapolis, Minn	JU8-4663
Tenn	Hollingsworth & Still	223 Peachtree St. Atlanta 3, Ga	MU8-5878
Tenn	McMullen Irby Co.	5 Ivy Bldg. Atlanta, Ga	JA4-7935
Tex	Jack McKinney Sales Co	1303 Chemical, Dallas	RI1-1368
Tex	Marine Service Sales	209 E Main, Waxahachie	WE7-1388
Utah	H T McCune	2501 Blake St. Denver, Colo	
Vt	Adam F Eby & Assoc	921 Main St. Buffalo, NY	TT2-1335
Wash	Apex Eqpt Co	4001 21st Ave. W, Seattle 99	AT3-7380
Wis	Beckley-Cardy Co	1900 N Narragansett, Chicago 39, Ill	NA2-5420
Wis	Bud Schmidt	3774 E Leone, Cudahy	HU1-0190
Wyo	H T McCune	2501 Blake St. Denver, Colo	
For	Rocke International Corp	13 E 40th St. New York, NY	MU9-0200

● INDICATES ADVERTISERS IN THIS ISSUE

FOR EXPLANATION OF SYMBOLS # * A 15 SEE PG. M

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	GENERAL ELECTRONIC LABS, INC	**1521 2nd Ave. Silver Spring, Md**	**JU8-4535**
	R Hutchinson #50 *300 C 45-150-325-475-895-1135-1425-1870		
Ariz	William Savory	15061 Hamlin St. Van Nuys, Cal	ST1-4110
Ark	Kemco Inc	6427 E Kellog, Wichita, Kan	MU4-8224
Cal	William Savory	15061 Hamlin St. Van Nuys	ST1-4110
Conn	Gen Electronic Labs Inc	18 Ames St. Cambridge, Mass	UN4-8500
Fla	G L Daniel	5820 NE 14th Way, Ft Lauderdale	
Idah	William Savory	15061 Hamlin St. Van Nuys, Cal	ST1-4110
Kan	Kemco Inc	6427 E Kellog, Wichita	MU4-8224
Mass	Gen Electronic Labs Inc	18 Ames St. Cambridge	UN4-8500
Mo	Kemco Inc	6427 E Kellog, Wichita, Kan	MU4-8224
Neb	Kemco Inc	6427 E Kellog, Wichita, Kan	MU4-8224
Nev	William Savory	15061 Hamlin St. Van Nuys, Cal	ST1-4110
NH	Gen Electronic Labs Inc	18 Ames St. Cambridge, Mass	UN4-8500
NJ	Travco Assoc	45 N Sta Plaza, Great Neck, NY	HU7-9666
NM	William Savory	15061 Hamlin St. Van Nuys, Cal	ST1-4110
NY	Travco Assoc	45 N Sta Plaza, Great Neck	HU7-9666
Okla	Kemco Inc	6427 E Kellog, Wichita, Kan	MU4-8224
Ore	William Savory	15061 Hamlin St. Van Nuys, Cal	ST1-4110
RI	Gen Electronic Labs Inc	18 Ames St. Cambridge, Mass	UN4-8500
Tex	Kemco Inc	PO Box 998, Irving	FL1-5900
Utah	William Savory	15061 Hamlin St. Van Nuys, Cal	ST1-4110
Vt	Gen Electronic Labs Inc	18 Ames St. Cambridge, Mass	UN4-8500
Wash	William Savory	15061 Hamlin St. Van Nuys, Cal	ST1-4110
•	**GENERAL ELECTRONIC & WIRE CO**	**457 W 46 St. New York 36, NY**	**JU2-7265**
	G Feilppelli #2 A 320-675-795-1120		
•	**GENERAL FINDINGS INC. INDUSTRIAL DIV**	**55 School St. Attleboro, Mass**	**CA2-1155**
	G Tucci #2 *200 E 160-350-355-770-1120-1125-1305-1350-1485-1490-1640-1970		
Ariz	Ken Babin	4287 Klump Ave, North Hollywood, Cal	TR7-4219
Cal	Ken Babin	4287 Klump Ave, North Hollywood, Cal	TR7-4219
Colo	Ken Babin	4287 Klump Ave, North Hollywood, Cal	TR7-4219
Conn	Norman Curtis	P.O. Box 307, Taunton, Mass	VA2-7010
Del	Sam Greenbaum	608 Fifth Ave, New York, NY	CI5-8090
DC	Sam Greenbaum	608 Fifth Ave, New York, NY	CI5-8090
Idaho	Roger Snow	400 Landmeier Rd, Elk Grove Village, Ill	HE7-0119
Ill	Roger Snow	400 Landmeier Rd, Elk Grove Village, Ill	HE7-0119
Ind	Roger Snow	400 Landmeier Rd, Elk Grove Village, Ill	HE7-0119
Iowa	Roger Snow	400 Landmeier Rd, Elk Grove Village, Ill	HE7-0119
Kan	Roger Snow	400 Landmeier Rd, Elk Grove Village, Ill	HE7-0119
Ky	Schenck & Brewer Associates	2263 W. Schantz Ave, Dayton 9, Ohio	AX9-4144
Me	Norman Curtis	P.O. Box 307, Taunton, Mass	VA2-7010
Md	Sam Greenbaum	608 Fifth Ave, New York, NY	CI5-8090
Mass	Norman Curtis	P.O. Box 307, Taunton, Mass	VA2-7010
Mich	Jerry Grime & Co	12909 W. Eight Mile Rd, Detroit 35, Mich	DI1-9270
Minn	Roger Snow	400 Landmeier Rd, Elk Grove Village, Ill	
Mo	Roger Snow	400 Landmeier Rd, Elk Grove Village, Ill	HE7-0119
Mont	Ken Babin	4287 Klump Ave, North Hollywood, Cal	TR7-4219
Neb	Roger Snow	400 Landmeier Rd, Elk Grove Village, Ill	HE7-0119
Nev	Ken Babin	4287 Klump Ave, North Hollywood, Cal	TR7-4219
NH	Norman Curtis	P.O. Box 307, Taunton, Mass	VA2-7010
NJ	Sam Greenbaum	141 Crown St, Brooklyn 13, NY	CI5-8090
NM	Ken Babin	4287 Klump Ave, North Hollywood, Cal	TR7-4219
NY	Sam Greenbaum	608 Fifth Ave, New York, NY	CI5-8090
NC	Sam Greenbaum	608 Fifth Ave, New York, NY	CI5-8090
ND	Ken Babin	4287 Klump Ave, North Hollywood, Cal	TR7-4219
Ohio	Ed Stock & Associates	3873 W. 212th St, Cleveland 26, Ohio	ED1-4632
Ohio	Schenck & Brewer & Associates	2263 W. Schantz Ave, Dayton 9, Ohio	AX9-4144
Okla	Ken Babin	4287 Klump Ave, North Hollywood, Cal	TR7-4219
Ore	Ken Babin	4287 Klump Ave, North Hollywood, Cal	TR7-4219
Pa	Sam Greenbaum	608 Fifth Ave, New York, NY	CI5-8090
RI	Norman Curtis	P.O. Box 307, Taunton, Mass	VA2-7010
SC	Sam Greenbaum	608 Fifth Ave, New York, NY	CI5-8090
SD	Roger Snow	400 Landmeier Rd, Elk Grove Village, Ill	HE7-0119
Tex	Ken Babin	4287 Klump Ave, North Hollywood, Cal	TR7-4219
Utah	Ken Babin	4287 Klump Ave, North Hollywood, Cal	TR7-4219
Vt	Norman Curtis	P.O. Box 307, Taunton, Mass	VA2-7010
Va	Sam Greenbaum	608 Fifth Ave, New York, NY	CI5-8090
Wash	Ken Babin	4287 Klump Ave, North Hollywood, Cal	TR7-4219
W. Va	Schenck & Brewer & Associates	2263 W. Schantz Ave, Dayton 9, Ohio	AX9-4144
Wisc	Roger Snow	400 Landmeier Rd, Elk Grove Village, Ill	
Wyo	Ken Babin	4287 Klump Ave, North Hollywood, Cal	TR7-4219
	GENERAL GASKETS INC	**Middletown, Conn**	**DI6-6203**
	J London *10 A 175-620-660-750-785-900-1125-1505-1545-1940		
	GENERAL HARDWARE MFG CO, INC	**80 White St. New York 13, NY**	**BA7-2648**
	H Ehler #6 E 525-645-1065-1715-1825		
	GENERAL INDUSTRIES CO	**Olive & Taylor Sts, Elyria, Ohio**	**FA3-3136**
	F McGlynn 1165-1255		
Ariz	W Bert Knight Co	P.O. Box 7281, Phoenix, Ariz	WH6-2201
Cal	W Bert Knight Co	10477 W. Pico Blvd, Los Angeles 64, Cal	BR2-0101
Cal	Houthoop & Hunter	165 Ellsworth St, San Francisco 3, Cal	UN3-7880
Colo	Moss Sales Co	1550-13th Ave. Greeley, Colo	EL3-1452
Ga	Hollingsworth & Still	512 Whitehead Bldg, Atlanta 3, Ga	MU8-5878
Ill	J A Fink	2763 W. N. Ave. Chicago	DI2-2474
Iowa	Kay Sales Co	2707-41st Pl, Des Moines 10, Iowa	
Minn	Wood Clemens Co	1645 Hennepin Ave, Minneapolis 3, Minn	FE90707
Mo	Kay Sales Co	2900 Grand Ave, Kansas City 8, Mo	BA3800
NY	Perry Saffer Associates Inc	157 W. 57th St, New York 19, NY	CI7-3855-6-7
Pa	George S Curtis Jr	26 W. Lancaster Ave, Ardmore, Pa	MI2-8060
Tex	Koch Engineering & Sales Co	309 Meadows Bldg, Dallas 6, Tex	EM1-1765
Wash	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AL6470
Canada	Charles W Pointon	66 Racine Rd, Rexdale, Ontario, Canada	CH7-8777
Foreign	General Industries Co	13 E. 40th St, New York 16, NY	
	GENERAL INSTRUMENT CORP. AUTOMATIC MFG DIV	**65 Gouverneur St. Newark 4, NJ**	**HU5-2100**
	A Seibel 320-1855		
Cal	General Inst Corp	3030 Temple St. Los Angeles 26	DU5-5371
Cal	Logan & Stone	1485 Bayshore Blvd. San Francisco	DE4-1200
Conn	Gerber Sales Co. Inc	48 Pearl St. Brookline 47, Mass	BE2-2425
DC	C P Skenes	Box 5516, Washington 16	
Fla	C Small	Box 1346, Orlando	GA4-2071
Ill	General Inst Corp	5232 W Diversey Ave. Chicago 39	AV2-6700
Ind	L Sapper	Box 845, Bloomington	ED6-6034

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
La	Southwest Electronic Industries	273 Meadows Bldg. Dallas 6, Tex	EM3-1671
Me	Gerber Sales Co. Inc	48 Pearl St. Brookline 47, Mass	BE2-2425
Mass	Gerber Sales Co. Inc	48 Pearl St. Brookline 47	BE2-2425
Mich	E B Tyler	2309 Florida Dr. Ft Wayne, Ind	AN1884
Minn	R G Ragon Inc	1406 W Idaho Ave. St Paul 13	MI6-6937
NH	Gerber Sales Co. Inc	48 Pearl St. Brookline 47, Mass	BE2-2425
NM	Southwest Electronic Industries Inc	273 Meadows Bldg. Dallas 6, Tex	EM3-1671
NY	J K McDonough	2070 Sheridan Dr. Kenmore 23	TR3-6681
ND	R G Ragon Inc	1406 W Idaho Ave. St Paul 13, Minn	MI6-6937
Okla	Southwest Electronic Industries Inc	273 Meadows Bldg. Dallas 6, Tex	EM3-1671
Ore	J J Backer	221 W Galer St. Seattle, Wash	AT3-6470
RI	Gerber Sales Co. Inc	48 Pearl St. Brookline 47, Mass	BE2-2425
SD	R G Ragon Inc	1406 W Idaho Ave. St Paul 13, Minn	MI6-6937
Tex	Southwest Electronic Industries Inc	273 Meadows Bldg. Dallas 6	EM3-1671
Vt	Gerber Sales Co. Inc	48 Pearl St. Brookline 47, Mass	BE2-2425
Wash	J J Backer	221 W Galer St. Seattle	AT3-6470
W Va	C P Skenes	Box 5516, Washington 16, DC	
	GENERAL INSTRUMENT CORP. HARRIS TRANSDUCER DIV	**Woodbury, Conn**	**CO3-2116**
	#6 *90 E 895-1655-1850-1915		
	GENERAL INSTRUMENT CORP. MICAMOLD DIV	**65 Gouverneur St. Newark, NJ**	**HU5-2100**
	A Gertner #16 *900 220-670		
Ala	J E Joyner & Associates	P O Box 10821, Sta A, Atlanta 10, Ga	PL5-4336
Ariz	Gramer & Co	444 W. Camelback Rd, Phoenix, Ariz	CR9-1231
Cal	General Instrument Corp	3030 Temple St. Los Angeles	DU5-5371
Cal	Logan & Stone Co	1485 Bayshore Blvd. San Francisco	DE4-1200
Conn	Hotz-Geist, Inc	200 5th St. Stamford	DA4-7309
Del	Bert Kohl	201 Crescent Ave. Leonia, NJ	WI4-6488
Fla	Chris Small	Box 1346, Orlando	CH1-4622
Ga	J E Joyner & Associates	P.O. Box 10821, Sta A, Atlanta, Ga	PL5-4336
Ill	Gianaras Sales Co	5435 Northwest Hwy. Chicago	SP4-4600
Ind	E B Tyler	2309 Florida Dr. Fort Wayne	AN1884
Iowa	Gianaras Sales Co	5435 Northwest Hwy. Chicago	SP4-4600
Kan	Inland Assoc	6047 Howe Dr. Mission	EN2-2366
Ky	E B Tyler	2309 Florida Dr. Ft Wayne, Ind	AN1884
La	Southwest Electronic Ind	273 Meadows Bldg. Dallas, Tex	EM3-1671
Me	Hotz-Geist, Inc	200 5th St. Stamford, Conn	DA4-7309
Md	B Kohl	201 Crescent Ave. Leonia, NJ	WI4-6488
Mass	Hotz-Geist, Inc	200 5th St. Stamford, Conn	DA4-7309
Mich	E B Tyler	2309 Florida Dr. Ft Wayne, Ind	AN1884
Miss	J E Joyner Assoc	Box 10821, Sta. A, Atlanta, Ga	PL5-4336
Mo	Inland Assoc	6047 Howe Dr. Mission, Kan	EN2-2366
NH	Hotz-Geist, Inc	200 5th St. Stamford, Conn	DA4-7409
NJ	Bert Kohl	201 Crescent Ave, Leonia, NJ	WI4-6488
NM	Southwest Electronic Ind	273 Meadows Bldg. Dallas, Tex	EM3-1671
NY	M A Carter	1700 York Ave, New York, NY	EN9-4222
NC	J E Joyner & Associates	P O Box 10821, Sta A, Atlanta, Ga	PL5-4336
Ohio	G & H Sales Co	Rollman Center Bldg, Cincinnati, Ohio	JE1-0553
Okla	Southwest Electronic Ind	273 Meadows Bldg. Dallas, Tex	EM3-1671
Pa	I A Clarke	P.O. Box 9, Rydal, Pa	TU7-2433
RI	Hotz-Geist Inc	200 5th St. Stamford, Conn	DA4-7309
SC	J E Joyner & Associates	P.O. Box 10821, Sta A, Atlanta, Ga	PL5-4336
Tenn	J E Joyner & Associates	P.O. Box 10821, Sta A, Atlanta, Ga	PL5-4336
Tex	Southwest Electronic Ind	273 Meadows Bldg. Dallas	EM3-1671
Vt	Hotz-Geist, Inc	200 5th St. Stamford, Conn	DA4-7309
Va	J E Joyner & Associates	P.O. Box 10821, Sta A, Atlanta, Ga	PL5-4336
W. Va	J E Joyner & Associates	P.O. Box 10821, Sta A, Atlanta, Ga	PL5-4336
Wis	Gianaras Sales Co	5435 N Northwest Hwy. Chicago, Ill	SP4-4600
Foreign	Sylvan Ginsbury	8 W. 40th St, New York, NY	LO4-7585
•	**GENERAL INSTRUMENT CORP., SEMICONDUCTOR DIV**	**65 Gouverneur St, Newark 4, NJ**	**HU5-2100**
	K Moritz #270 *2200 G 500-1150-1445-1475-1860		
Cal	General Instrument Corp	60 W 41st Ave. San Mateo	FI1-7407
Cal	General Instrument Corp	3030 Temple St. Los Angeles 26	DU5-5371
Cal	General Instrument Corp	Box 9064, San Diego	GL4-6413
Fla	Chris Small	Box 1346, Orlando	CH1-4622
Ill	General Instrument Corp	5232 W Diversey Ave. Chicago	AV2-6700
Ind	Lesco Co	Box 845, Bloomington	ED6-6034
Md	General Instrument Corp	4500 College Ave. College Park	UN4-4487
Mass	General Instrument Corp	204 Worcester St. Wellesley	CE5-4406
Mich	A B M Sales Co	14116 Puritan, Detroit 38, Mich	UN2-1300
Minn	General Instrument Corp	1821 University Ave. St Paul 4	MI4-3721
Mo	Joseph Giordano	817 Gerald Ave. St Louis	
Mo	E B Schwerin Co	4210 Main St, Kansas City 11, Mo	WE1-7564
NJ	General Instrument Corp	36 Tanner St. Haddonfield	HA8-1250
NM	Southwest Electronic Industries	Box 8284, Albuquerque	
NY	General Instrument Corp	600 W John St. Hicksville	OV1-8000
NY	Derert Assoc	125 E 50th St. New York	EL5-4190
NY	Jack McDonough Assoc	2670 Sheridan Dr. Kenmore 23	TR3-6681
NY	R W Mitscher Co. Inc	487 Ellicott Sq. Buffalo 3	TL4-2517
Ohio	Joy Engineering Co	1721 E 3rd St. Dayton	CL3-2151
Ohio	Joy Engineering Co	4712 W 130th St. Cleveland 35	CL2-0406
Ohio	Robert Siff & Assoc	22 Oxford Ave. Dayton 7	CR8-4779
Pa	Robco Sales & Engineering Service	2403 1st Natl Bank Bldg. Pittsburgh 4	GR1-7272
Tex	Southwest Electronic Industries	3815 Richmond, Houston	MA3-5775
Tex	Southwest Electronic Industries	273 Meadows Bldg. Dallas 6, Tex	EM3-1671
Canada	General Instrument Corp	Box 478, Waterloo, Ontario	LI4-6442
For	General Transistor Intl Corp	600 W John St. Hicksville, NY	OV1-8000
	GENERAL INSTRUMENT CORP. THERMOELECTRIC DIV	**65 Gouverneur St. Newark 4, NJ**	**HU5-2100**
	#10 *25 C 370		
	GENERAL INSTRUMENT OF CANADA LTD	**151 Weber St. S, Waterloo, Ont**	**SH4-8101**
	J McLean #25 *300 E 45-320-325-360-450-500-570-895-1255-1425-1445-1855-1860-1895-1995		
	GENERAL INSULATED WIRE WKS INC	**69 Gordon Ave, Providence 5, RI**	**HO1-2100**
	375-1960		
Ariz	General Cable Corp	3316 E. Washington St, Phoenix, Ariz	
Ark	General Cable Corp	3316 E. Washington St, Phoenix, Ariz	
Cal	General Cable Corp	2906 Leonis Blvd, Los Angeles, Cal	
Cal	General Cable Corp	520 East St, San Diego, Cal	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	General Cable Corp	165 Industrial St, San Francisco	
Colo	General Cable Corp	4701 E. 48th Ave, Denver, Colo	
Del	General Cable Corp	95 S. Eagle Rd, Havertown, Pa	
DC	General Cable Corp	261 Constitution Ave, N.W., Wash, DC	
Fla	General Cable Corp	2515 E. Hanna Ave, Tampa, Fla	
Fla	General Cable Corp	3501 N.W. 60th St, Miami, Fla	
Ga	General Cable Corp	1401 Ellsworth Dr, N.W., Atlanta, Ga	
Hawaii	General Cable Corp	742 Ala Moana Blvd, Honolulu	
Ill	General Cable Corp	920 N. MacArthur Blvd, Springfield	
Ill	General Cable Corp	544 N. Wolcott, Chicago, Ill	
Ill	General Cable Corp	4820 N. Harlan Ave, Chicago	
Ind	General Cable Corp	1735 W. 18th St, Indianapolis, Ind	
Iowa	General Cable Corp	2050 Delaware, Des Moines, Iowa	
Kan	General Cable Corp	920 Cable Rd, Kansas City, Kan	
Ky	General Cable Corp	4260 Poplar Level Rd, Louisville, Ky	
La	General Cable Corp	3923 Euphrosina St, New Orleans, La	
Md	J & H Sales	Towson, Md	
Mich	E J Korschen	628 Rallister, Detroit, Mich	
Minn	General Cable Corp	404 W. 79th St, Minneapolis, Minn	
Miss	General Cable Corp	404 W. 79th St, Minneapolis, Minn	
Mo	General Cable Corp	418 Wall St, Joplin, Mo	
Mont	General Cable Corp	418 Wall St, Joplin, Mo	
Neb	General Cable Corp	418 Wall St, Joplin, Mo	
Nev	General Cable Corp	418 Wall St, Joplin, Mo	
NJ	General Cable Corp	1071 Hudson St, Union, NJ	
NM	General Cable Corp	2100 Zearing Ave, N.W., Albuquerque	
NY	General Cable Corp	Wavel St, E. Syracuse, NY	
NY	General Cable Corp	17 Court St, Buffalo	
NY	Ray Roller	90 W. Broadway, NY	
NC	General Cable Corp	2323 Campbell St, Raliegh, NC	
ND	General Cable Corp	2323 Campbell St, Raliegh, NC	
Ohio	Hiltebrant-Greenlear Co	8905 Lake Ave, Cleveland, Ohio	
Okla	General Cable Corp	8905 Lake Ave, Cleveland, Ohio	
Ore	General Cable Corp	2215 N. W. Quimby St, Portland, Ore	
Pa	General Cable Corp	2242 California Ave, Pittsburgh, Pa	
Pa	General Cable Corp	95 S. Eagle Rd, Havertown, Pa	
Tenn	General Cable Corp	1288 Orgill Ave, Memphis	
Tex	General Cable Corp	311 Feads Ave, San Antonio	
Tex	General Cable Corp	1620 Oaklawn, Dallas	
Utah	General Cable Corp	311 Eads Ave, San Antonio, Tex	
Utah	General Cable Corp	1620 Oaklawn, Dallas, Tex	
Va	General Cable Corp	2315 Westwood Ave, Richmond	
Wash	General Cable Corp	1137 W. Hanford St, Seattle, Wash	
W.Va	General Cable Corp	1137 W. Hanford St, Seattle, Wash	
Wisc	General Cable Corp	6520 W. State St, Milwaukee, Wisc	
Wyo	General Cable Corp	6520 W. State St, Milwaukee, Wisc	
	GENERAL KINETICS INC	**2611 Shirlington Rd, Arlington 6, Va**	**JA5-4855**
	R Egly C 340-670-895-1435-1915		
	GENERAL LABORATORY ASSOC INC	**Norwich, NY**	**4-3264**
	O Hamilton #35 *350 E 220-670-795-875		
Cal	Charles A Spadaro	6331 Hollywood Blvd, Hollywood, Cal	HO4-7815
•	**GENERAL MAGNETICS INC**	**Dept B, 2641 Louisiana Ave. Minneapolis 26, Minn**	**WE9-8571**
	R Carlson #12 *43 D 50-255-275-320-338-360-365-450-670-895-1340-1420-1645-1855		
Cal	McGill & McGill	939 Tiburon Ave, Tiburon	GE5-4576
Colo	Landes, Zachary & Peterson	601 S Jason St. Denver 23	SH4-1311
Del	Eastern Components Inc	808 Inglesside Ave. Baltimore 28, Md	RI4-3676
DC	Eastern Components Inc	808 Inglesside Ave, Baltimore 28, Md	RI4-3676
Fla	Frank F Becker & Co	Box 12 Pasadena, St Petersburg	WA1-4196
Idah	Landes, Zachary & Peterson	601 S Jason St, Denver 23, Colo	SH4-1311
Ill	Leo R Fitz & Co	5039 N Newberg Ave, Chicago	NE1-5468
Iowa	Russ D Sebright & Co	7120 Florissant Ave, St Louis 20, Mo	CO1-0055
Kan	Russ D Sebright & Co	7120 Florissant Ave, St Louis 20, Mo	CO1-0055
Md	Eastern Components Inc	808 Inglesside Ave. Baltimore 28	RI4-3676
Mich	D W Matteson & Assoc	909 W Michigan Ave. Jackson	ST4-8920
Minn	L H Josefson Assoc	402 Sweet Briar Ln, Hopkins	WE8-6695
Mo	Russ D Sebright & Co	7120 W Florissant Ave, St Louis 20	CO1-0055
Mont	Landes, Zachary & Peterson	601 S Jason St. Denver 23, Colo	SH4-1311
Neb	Russ D Sebright & Co	7121 W Florissant Ave, St Louis 20, Mo	CO1-0055
NJ	Eastern Components Inc	613 Cheltenham Ave, Phila 26, Pa	WA7-6269
NM	Landes, Zachary & Peterson	5900 Domingo, NE, Albuquerque	
NY	Eastern Components Inc	211-02 Northern Blvd, Bayside	HA8-1661
ND	L H Josefson & Assoc	402 Sweet Briar Ln, Hopkins, Minn	WE8-6695
Ore	W J Stuligis Co Inc	608 W Crockett St, Seattle 99, Wash	AT2-7870
Pa	Eastern Components Inc	613 Cheltenham Ave, Philadelphia 26	WA7-6269
SD	L H Josefson & Assoc	402 Sweet Briar Ln, Hopkins, Minn	WE8-6695
Utah	Landes, Zachary & Peterson	2501 S State, Salt Lake City	HU7-7873
Va	Eastern Components Inc	808 Inglesside Ave, Baltimore 28, Md	RI4-3676
Wash	W J Stuligis Co Inc	608 W Crockett St, Seattle 99	AT2-7870
Wis	L H Josefson & Assoc	402 Sweet Briar Ln, Hopkins, Minn	WE8-6695
•	**GENERAL MAGNETICS INC**	**135 Bloomfield Ave, Bloomfield, NJ**	**PI8-2400**
	R Froese #4 *100 D 275-895-915-1145-1455		
	GENERAL METAL PRODUCTS CO	**Easton, Pa**	**BL8-0801**
	B Gernert #6 *50 C 180-230-260-895-1390		
NJ	Geo J Hepp	Monmouth Beach, NJ	CA9-3477
NY	Geo J Hepp	Monmouth Beach, NJ	CA9-3477
•	**GENERAL METERS INC**	**P.O. Box 1701, Grand Junction, Colo**	**CH3-0954**
	R Van Houten #3 *65 C 895		
Ala	Candor Co., The	2080 Beach St. Winston Salem, NC	PA2-1432
Ariz	Hytronic Measurements	1295 S. Bannock St, Denver, Colo	PE3-3701
Ark	Automatic Genl Electronic Sales	6550 B Troost Ave. KC Mo	DE3-8206
Cal	Bremner-Fiedler Associates	7563 Melrose Ave, Los Angeles, Cal	WE3-3111
Cal	Peninsula Assoc	1345 Hancock St, Redwood City	
Colo	Hytronic Measurements	1295 S. Bannock St. Denver	PE3-3701
Conn	Dan Greene Organization Inc., The	Box 124, Cambridge, Mass	UN4-2220
Del	L D Lowery	Wynnewood, Pa	
DC	L D Lowery	Wynnewood, Pa	
Fla	Candor Co., The	2080 Beach St. Winston-Salem, NC	PA2-1432
Ga	Candor Co., The	2080 Beach St. Winston-Salem, NC	PA2-1432
Idah	M K Widdekind Co	222 1st Ave. N. Seattle, Wash	AT4-8020
Ill	J J Indra	5117 N. Oconto, Chicago	DE3-8206
Ill	Auto Genl Electronic Sales	6550 Troost Ave. KC Mo	DE3-8206

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ind	Scott-Steffen Co., The	1836 Euclid Ave. Cleve, Ohio	TO1-2626
Iowa	Auto Genl Electronic Sales	6550 B Troost Ave. KC Mo	DE3-8206
Kan	Auto Genl Electronic Sales	6550 B Troost Ave. KC Mo	DE3-8206
Ky	Scott-Steffen Co., The	1836 Euclid Ave. Cleve Ohio	TO1-2626
La	Auto Genl Electronic Sales	6550 B Troost Ave. KC Mo	DE3-8206
Me	Dan Greene Org	Box 124, Cambridge, Mass	UN4-2220
Mass	Dan Greene Org. Inc	Box 124, Cambridge, Mass	UN4-2220
Mich	Edwin F Liddle	18925 Grand River Ave, Detroit	VE7-5310
Minn	J J Indra	5117 N. Oconto, Chicago, Ill	
Mo	Auto Genl Electronic Sales	6550 B Troost Ave. KC	DE3-8206
Mont	Hytronic Measurements	1295 S. Bannock St. Denver, Colo	PE3-3701
Neb	Auto Genl Electronic Sales	6550 B Troost Ave. KC Mo	DE3-8206
Nev	Peninsula Assoc	1345 Hancock St. Redwood City, Cal	EM9-1226
NH	Dan Greene Org., The	Box 124, Cambridge, Mass	UN4-2220
NJ	Joseph L Heller Assoc	172 Walker Lane, NY	LA4-5064
NM	Hytronic Measurements	1295 S. Bannock St. Denver, Colo	PE3-3701
NY	Joseph L Heller Assoc	172 Walker Lane	LA4-5064
NC	Candor Co., The	2080 Beach St. Winston-Salem	PA2-1432
Ohio	Scott-Steffen Co., The	1836 Euclid Ave. Cleve	TO1-2626
Okla	Auto Genl Electronic Sales	6550 B Troost Ave. KC Mo	DE3-8206
Ore	M K Widdekind Co	222 1st Ave. N. Seattle, Wash	AT4-8020
Pa	Scott-Steffen Co.	1836 Euclid Ave. Cleve	TO1-2626
RI	Dan Greene Org., The	Box 124, Cambridge, Mass	UN4-2220
SC	Candor Co., The	2080 Beach St. Winston-Salem, NC	PA2-1432
Tenn	Candor Co., The	2080 Beach St. Winston-Salem, NC	PA2-1432
Tex	Auto Genl Electronic Sales	6550 B Troost St. KC Mo	DE3-8206
Utah	Hytronic Measurements	1295 S. Bannock St. Denver, Colo	PE3-3701
Vt	Dan Greene Org., The	Box 124, Cambridge, Mass	UN4-2220
Va	Candor Co.	2080 Beach St. Winston-Salem, NC	PA2-1432
Wash	M K Widdekind Co	222 1st Ave. N. Seattle	AT4-8020
W Va	Scott-Steffen Co.	1836 Euclid Ave. Cleve Ohio	TO1-2626
Wyo	Hytronic Measurements	1295 S. Bannock St. Denver, Colo	PE3-3701
Can	E S Gould	Montreal, Que.	
For	Industrias Commerciales	Mex 7	
For	H H Greene	Melbourne, Aus	
For	Talleres BMB	Barcelona, Sp	

GENERAL MICROWAVE CORP .... 47 Gazza Blvd, Farmingdale, NY MY4-3434
M Wind #5 *20 D 25-50-670-845-895-1045-1135-1170-1425-1895

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Mass	Measurement Equip Co, Inc	244 Main St, N Reading, Mass	
Mich	Electro Sales Associates	36500 Warderman Rd, Mount Clemens	
NY	J A Reagan Co, Inc	6 E Bayberry Circle, Syracuse, NY	
NY	J A Reagan Co, Inc	45 N Lake Ave, Albany 3, NY	
NY	J A Reagan Co, Inc	145 Millbrook Dr, Buffalo, NY	
NY	J A Reagan Co, Inc	528 Crestmont Rd, Binghamton, NY	
NY	J A Reagan Co, Inc	10 Humphries Terr, New Hartford, NY	
Ohio	Electro Sales Associates	Dabel Sta, Box 143, Dayton, Ohio	
Pa	S&S Associates Inc	780 W DeKalb Pike, King of Prussia, Pa	

GENERAL MILLS INC .... 1620 Central Ave. Mapls 13, Minn ST9-8811
H Taylor #400 *1,500 G 205-325-338-360-755-775-895-1150-1810

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	General Mills Inc	3929 S. Sepulveda Blvd. LA 45	OR3-4622
DC	General Mills Inc	1000 16th St, N.W., Washington 6, DC	FE7-6161
Ohio	General Mills Inc	2800 Far Hills Bldg, Dayton 19, Ohio	AX9-3597

GENERAL NUCLEAR CORP .... 550 Fifth Ave, New York 28, NY PL7-3638
D Reynolds #8 *43 D 255-338-365-895-915-1340-1445-1455-1915

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
DC	Nuclear Supply & Service Co	422 Wash. Bldg. Wash 5, DC	ST3-3480

GENERAL PHOTO PRODS CO., INC 15 Summit Ave, Chatham, NJ ME5-5200
365-1960

GENERAL PLASTICS CORP .... 55 La France Ave, Bloomfield, NJ PI8-5500
#5 *55 220-315-895-900-975-1290-1755

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	H I Thompson Fiber Glass Co	3609 E Olympic Blvd, L A 23	AN8-2811
NY	Flurotron, Inc	11 Stuart Lane, Douglaston 63	HA8-2444

GENERAL PRODUCTS CORP .... 107 Salem St, Union Springs, NY TT9-7367
J Woodhill, Jr #8 *350 E 220-345-1290-1785

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Murphy & Cota	250 Governors Dr, S.E., Huntsville, Ala	
Ariz	Ash M Wood Co	P.O. Box 1158, Arcadia, Cal	CU3-1201
Ark	Southern Industrial Electronics Inc	P.O. Box 9814, Dallas, Texas	FL2-3901
Cal	Fisher Switches	40 Gough St, San Francisco 3, Cal	
Cal	Ash M Wood Co	P.O. Box 1158, Arcadia, Cal	CU3-1201
Conn	Robert W Gray, Inc	572 Washington St, Wellesley 81, Mass	
Del	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
DC	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
Fla	Murphy & Cota	1220 Edgewater Dr, Orlando, Fla	
Ga	Murphy & Cota	2110 Peachtree Rd, W., Atlanta 9, Ga	TR6-3020
Idaho	Shaffer & Nelson Inc	312 Occidental Ave, Seattle 4, Wash	
Ill	W G Brouillette Custom Condensor	1558 Norcastle, Westchester, Ill	
Ill	Rockford Controls Co	324 Woodstock Ave, Glen Ellyn, Ill	
Ind	Westerkamp Associates	5643 Mapleridge Ave. Cincinnati 27, Ohio	
Iowa	E B Schwerin Co	4210 Main St, Kansas City 11, Mo	
Kan	E B Schwerin Co	4210 Main St, Kansas City 11, Mo	
Ky	Westerkamp Associates	5643 Mapleridge Ave. Cincinnati 27, Ohio	
La	Southern Industrial Electronics Inc	P.O. Box 9814, Dallas, Texas	
Me	Robert W Gray, Inc	572 Washington St, Wellesley 81, Mass	
Md	L D Lowery Inc	4508 Annapolis Rd, Bladensburg, Md	
Mass	Robert W Gray, Inc	572 Washington St, Wellesley 81	
Mich	R C Merchant & Co	18411 W. McNichols, Detroit 19, Mich	
Minn	Northern States Sales Co	1400 Park Ave, Minneapolis 4, Minn	
Miss	Murphy & Cota	250 Governors Dr, S.E., Huntsville, Ala	
Mo	E B Schwerin Co	4210 Main St, Kansas City 11, Mo	
Mont	Electronic Components Sales	2149 S Clearmont St, Denver 22, Colo	
Neb	E B Schwerin Co	4210 Main St, Kansas City 11, Mo	
Nev	Fisher Switches	40 Gough St, San Francisco 3, Cal	
Nev	Ash M Wood Co	P.O. Box 1158, Arcadia, Cal	
NH	Robert W Gray, Inc	572 Washington St, Wellesley 81, Mass	
NJ	Joseph Sprung & Association	254 W. 31st St, New York, NY	
NJ	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	
NY	Joseph Sprung & Associates	254 W. 31st St, New York, NY	
NY	R W Mitscher Co, Inc	Ellicott Square Bldg, Buffalo 3	
NC	Murphy & Cota	221 Latta Arcade, Charlotte 2, NC	
ND	Northern States Sales Co	1400 Park Ave, Minneapolis 4, Minn	
Ohio	Rockford Controls Co	21877 Euclid Ave, Cleveland 17, Ohio	
Okla	Southern Industrial Electronics Inc	P.O. Box 9814, Dallas, Texas	
Ore	Shaffer & Nelson Inc	1001 S.E. Water Ave, Portland 14, Ore	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Pa	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	
Pa	Gene S Root	733 Valle Vista Ave, Pittsburgh 34, Pa	
RI	Robert W Gray, Inc	572 Washington St, Wellesley 81, Mass	
SC	Murphy & Cota	1106 Burke St, Winston-Salem, NC	
SD	Northern States Sales Co	1400 Park Ave, Minneapolis 4, Minn	
Tenn	Murphy & Cota	2110 Peachtree Rd, W., Atlanta 9, Ga	
Tex	Southern Industrial Electronics Inc	P.O. Box 9814, Dallas, Tex	
Utah	Electronic Components Sales, Inc	2149 S Clearmont St, Denver 22, Colo	
Vt	Robert W Gray, Inc	572 Washington St, Wellesley 81, Mass	
Va	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	
Wash	Shaffer & Nelson Inc	W. 1835 Broadway, Spokane 10, Wash	
W. Va	Gene S Root	733 Vallevista Ave, Pittsburgh 34, Pa	
Wis	E A Dickinson & Assoc	4117 N Green Bay Ave. Milwaukee 9	
Can	Len Finkler Ltd	1794 Ave Rd, Toronto 12, Ont	

• **GENERAL R F FITTINGS INC** ..... 702 Beacon St, Boston 15, Mass KE6-2290
#2 *40 D 25-345-1135

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	W E Zimmerman Co	201 Town & Country Village, Palo Alto	DA1-2008
Cal	W E Zimmerman Co	407 N. Maple Dr. Beverly Hills	BR2-1181
Colo	CFL Co	1871 S. Broadway, Denver 10	SP7-4381
Fla	Hansen & Assoc	Box 2769, Orlando	GA5-8072
Ill	G R Carrier Co	10340 S. Western Ave. Chicago	HI5-6300
Kan	Associated Industries Inc	455 S. Wash. Wichita	HO4-0391
Md	Barnhill & Assoc Inc	19 W. Pa. Ave. Towson	VA5-3900
Mass	Forsberg Sales	125 Perkins Ave, Brockton	OX8-2890
NJ	L C Freeman & Assoc	363 Bloomfield Ave. Montclair	PI4-4775
NY	E W Stone Co	108 Merritt Ave. Syracuse	HO9-3825
Ohio	E E Bock & Assoc	3870 W. 212th St. Cleve 26	ED1-5212
Ohio	L J Soulley & Assoc	2600 Far Hills Bldg. Dayton	AX8-5239
Tex	Lawrence Sales Co	Box 13026, Dallas 20	FL2-7484
Wash	Associated Industries Inc	1752 Rainier Ave. Seattle	EA5-4400

GENERAL RADIO CO .... 22 Baker Ave, W. Concord, Mass EM9-4400
W Saylor #100 *850 G 15-25-190-220-300-320-338-345-360-375-450-525-670-895-925-1135-1330-1455-1475-1480-1810

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	General Radio Co	8055 13th St, Silver Spring, Md	JU5-1088
Ariz	General Radio Co	1000 N. Seward St, Los Angeles 38, Cal	HO9-6201
Cal	General Radio Co	1186 Los Altos Ave, Los Altos, Cal	WH8-8233
Cal	General Radio Co	1000 N. Seward St, Los Angeles 38, Cal	HO9-6201
Conn	General Radio Co	Broad Ave at Linden, Ridgefield, NJ	WH3-3140
Del	General Radio Co	1150 York Rd, Abington, Pa	HA4-7419
DC	General Radio Co	8055 13th St, Silver Spring, Md	JU5-1088
Fla	General Radio Co	8055 13th St, Silver Spring, Md	JU5-1088
Ga	General Radio Co	8055 13th St, Silver Spring, Md	JU5-1088
Idaho	General Radio Co	1186 Los Altos Ave, Los Altos, Cal	WH8-8233
Ill	General Radio Co	6605 W. North Ave, Oak Park, Ill	VI8-9400
Ind	General Radio Co	6605 W. North Ave, Oak Park, Ill	VI8-9400
Iowa	General Radio Co	6605 W. North Ave, Oak Park, Ill	VI8-9400
Kan	General Radio Co	6605 W. North Ave, Oak Park, Ill	VI8-9400
Ky	General Radio Co	6605 W. North Ave, Oak Park, Ill	VI8-9400
Md	General Radio Co	8055 13th St, Silver Spring, Md	JU5-1088
Mich	General Radio Co	6605 W. North Ave, Oak Park, Ill	VI8-9400
Minn	General Radio Co	6605 W. North Ave, Oak Park, Ill	VI8-9400
Mo	General Radio Co	6605 W. North Ave, Oak Park, Ill	VI8-9400
Nev	General Radio Co	1186 Los Altos Ave, Los Altos, Cal	WH8-8233
NJ	General Radio Co	Broad Ave at Linden, Ridgefield, NJ	WH3-3140
NJ	General Radio Co	1150 York Rd, Abington, Pa	HA4-7419
NM	General Radio Co	1000 N. Seward St, Los Angeles 38, Cal	HO9-6201
NY	General Radio Co	Broad Ave at Linden, Ridgefield, NJ	WO4-2722
NC	General Radio Co	8055 13th St, Silver Spring, Md	JU5-1088
Ohio	General Radio Co	6605 W. North Ave, Oak Park, Ill	VI8-9400
Ore	General Radio Co	1186 Los Altos Ave, Los Altos, Cal	WH8-8233
Pa	General Radio Co	1150 York Rd, Abington, Pa	HA4-7419
SC	General Radio Co	8055 13th St, Silver Spring, Md	JU5-1088
Tenn	General Radio Co	8055 13th St, Silver Spring, Md	JU5-1088
Utah	General Radio Co	1186 Los Altos Ave, Los Altos, Cal	WH8-8233
Va	General Radio Co	8055 13th St, Silver Spring, Md	JU5-1088
Wash	General Radio Co	1186 Los Altos Ave, Los Altos, Cal	WH8-8233
W. Va	General Radio Co	8055 13th St, Silver Spring, Md	JU5-1088
Wisc	General Radio Co	6605 W. North Ave, Oak Park, Ill	VI8-9400
Canada	General Radio Co	99 Floral Pkwy, Toronto 15, Ont, Canada	CH6-2171

GENERAL RESEARCH INC .... 572 S Division Ave. Grand Rapids, Mich GL9-3341
#6 30-1075-1530

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	John Graham	1345 Hilda Ave. Glendale 5	CI1-5435

• **GENERAL RESISTANCE INC** ...... 430 Southern Blvd, New York 55, NY CY2-1500
M Lombardozzi #10 *110 E 338-895-1200-1475

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	Richard A Strassner Co	1557 N. Western Ave, Los Angeles	HO3-5494
Fla	Ben Wimberly Co	532 S. Ft. Harrison, Clearwater, Fla	CL3-7072
Md	Ansell Engineering Co	11212 Grandview Ave, Silver Spring, Md	LO5-0960
Mass	D D Rosa Co	50 Prospect St, Cambridge 39, Mass	KI7-6880
Minn	Wood Clemens Co	115 Hennepin Ave, Mnnpls 3, Minn	FE9-0707
Mo	Design & Sales Engineering Co	7803 Forsyth Blvd, St Louis, Mo	PA1-6403
NY	Manufacturer's Reps. Inc	137-21 Northern Blvd, Flushing 54	LE9-6220
NY	M L Spitzer Co	Box 2324, Buffalo 23	DE-6163
Ohio	Components Engineering Co	7461 N. Linden Ln, Cleveland 30, Ohio	VI2-2737
Pa	William R Scholes	P.O. Box 104, Cheltenham, Pa	PI5-2765
Foreign	Ad Auriema Inc	85 Broad St, New York 4, NY	BO9-7750

GENERAL TESTING LABS. INC .... 40-50 Commercial Ave. Moonachie, NJ .. WE9-6933
D Hill #5 *20

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
DC	Technics Inc	417 W Brad, Falls Church, Va	JE4-2100

• **GENERAL THERMOELECTRIC CORP** Princeton, NJ DA9-2323
370-1125

GENERAL TIME CORP. INCREMAG DIV .... Progress Dr. Stamford, Conn DA5-2691
R Behringer #6 *30 D 338-895-1645-1810

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	Stromberg Time Div	659 S. LaBrea, LA	WE3-0308
Ill	Gen. Time Laboratories	7426 N Linder, Skokie	JU3-1010
NY	Gen. Time Corp	355 Lexington Ave. NY 17	MU7-9292

GENERAL TIRE & RUBBER CO .... Akron, Ohio RE3-6311
R Irvdell #350 *3,500 G 625-900-1170-1220-1290

GENERAL TRANSFORMER CO .... 18240 Harwood Ave, Homewood, Ill SY8-6124
1855

GENERAL VACUUM CORP .... 81 Hicks Ave. Medford 55, Mass EX5-8100
W Overacker #12 *25 D 250-735-895-1075-1135-1215

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	Loren Petrich Associates	1107 S. Fremont Ave, Alhambra, Cal	CU3-6371
Conn	Wm K Duff & Co	P.O. Box 186, Avon, Conn	OR7-9175
Del	Paul & Walp	1469 Suburban Sta. Bldg. Phila 3, Pa	LO8-7277
DC	Paul & Walp	1469 Suburban Sta. Bldg. Phila 2, Pa	LO8-7277
Md	Paul & Walp	1469 Suburban Sta. Bldg. Phila 3, Pa	LO8-7277
NJ	Paul & Walp	1469 Suburban Sta. Bldg. Phila 3, Pa	LO8-7277
Ohio	L H Waldrip Co	3030 Euclid Ave, Cleveland 15, Ohio	EX1-4242
Pa	Paul & Walp	1469 Suburban Sta. Bldg. Phila 3, Pa	LO8-7277

GENESYS CORP SUB CHANCE VOUGHT .... 10131 National Blvd, L A 34, Cal UP0-4671
200-338-810-895

GENGE INDUSTRIES INC .... 440 W Los Feliz Blvd. Glendale, Cal ... CH5-8646
G Perrish #15 *272 E 1135-1735

GENISCO INC .... 2233 Federal Ave, Los Angeles 64, Cal ... BR2-2706
15-330-360-610-895-1075-1165-1850

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Medco	P.O. Box 216, Melbourne, Fla	PA3-7016
Ariz	R A Mayes Co	P.O. Box 3344, El Paso, Tex	LY8-2952
Cal	A-F Sales Engineering Co	365 E. Green St, Pasadena, Cal	MU1-5631
Cal	Bond Engineering Co	72 Claremont Ave, Santa Clara, Cal	AX6-8419
Colo	Kemco Inc	6427 E. Kellogg Ave, Wichita 18, Kan	MU4-8224
Del	Test Equipment Sales Co	4447 N. Bodine St, Philadelphia 40, Pa	DA9-1822
DC	Test Equipment Sales Co	4447 N. Bodine St, Philadelphia 40, Pa	DA9-1822
Fla	Medco	P.O. Box 216, Melbourne, Fla	PA3-7016
Ga	Medco	P.O. Box 216, Melbourne, Fla	PA3-7016
Idaho	Applied Engineering Products Co	405 Felt Bldg, Salt Lake City 11, Utah	EM4-4942
Iowa	Custom Engineering Co	2975 Far Hills Ave, Dayton 19, Ohio	AX8-5246
Kan	Kemco Inc	6427 E. Kellogg Ave, Wichita 18, Kan	MU4-8224
Md	Test Equipment Sales Co	4447 N. Bodine St, Philadelphia 40, Pa	DA9-1822

GENISTRON, INC .... 6320 W Arizona Circle. L A 45, Cal OR8-9094
J Harrison #31 *101 190-220-670-1795-1835

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ark	Harry Edmiston	2717 Swiss Ave, Dallas, Tex	TA7-2853
Cal	James S Heaton Co	413 Lathrop St, Redwood City, Cal	EM9-5278
DC	Joseph T Davis	2116 F St, N.W., Washington 7, DC	EX3-8080
Idah	Seatronics	1817 Norman St. Seattle, Wash	EA3-8545
Ill	H Sam Tollaksen	304 S Halsted, Chicago	CE6-2964
Ind	Technical Associates	4475 Lander Rd, Chagrin Falls, Ohio	TE1-9884
Iowa	Kinnick Co	222 Olympia Dr, St. Louis 21, Mo	JA1-4877
Kan	Kinnick Co	222 Olympia Dr, St. Louis 21, Mo	JA1-4877
Ky	Technical Associates Inc	4475 Lander Rd, Chagrin Falls, Ohio	TE1-9884
La	Harry Edmiston	2215 N Olive Ave. Dallas 1, Tex	RI7-8277
Md	Joseph T Davis	2116 "F" St. NW, Wash 7, DC	EX3-8080
Minn	Kenneth L Tannehill	2534-25th Ave, S., Minneapolis 6, Minn	PA1-4470
Mo	Kinnick Co	222 Olympia Dr, St. Louis 21, Mo	JA1-4877
Nev	James S Heaton Co	413 Lathrop St, Redwood City, Cal	EM9-5278
NJ	Joseph T Davis	2116 "F" St. NW, Wash, DC	EX3-8080
ND	Kenneth L Tannehill	2534 25th Ave. S, Mnpls 6, Minn	PA1-4470
Ohio	Technical Associates Inc	4475 Lander Rd, Chagrin Falls, Ohio	TE1-9884
Okla	Harry Edmiston	2215 N Olive Ave. Dallas 1, Tex	RI7-8277
Ore	Seatronics	1817 Norman St. Seattle 44, Wash	EA3-8545
Pa	Technical Associates Inc	4475 Lander Rd, Chagrin Falls, Ohio	TE1-9884
SC	Joseph T Davis	2116 "F" St. NW, Wash 7, DC	EX3-8080
SD	Kenneth Tannehill	2534 25th Ave. S, Mnpls, Minn	PA1-4470
Tex	Harry Edmiston	2215 N Olive, Dallas 1	RI7-8277
Va	Joseph T Davis	2116 "F" St. NW, Wash, DC	EX3-8080
Wash	Seatronics	1817 Norman St, Seattle 44	EA3-8545
Wis	H Sam Tollaksen	304 Halsted, Chicago, Ill	CE6-2964

GEOPHYSICAL INSTR. CO. INC .... 315 Tudor La. Manassas, Va EM8-3434
S Krasnow 895

GEORATOR CORP .... 315 Tudor La, Manassas, Va EM8-2101
S Krasnow *500 255-365-895

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	W B Knight Co	112 S. Western Ave. LA 6	BR2-0101
DC	Call Enterprise 1-2101	Wash	
Ill	Call Enterprise 6411	Chicago	
Mass	Call Enterprise 0113	Boston, Mass	
Mo	Call Enterprise 8185	St. Louis, Mo	
NY	Tranco Assoc	45 N. Sta. Plaza, Great Neck	HU7-4666
Pa	Call Enterprise 6411	Philadelphia, Pa	
Tex	Call Enterprise 0151	Dallas	
Tex	Call Enterprise 0151	Houston	

GEORGE CO., P D .... 5200 N. 2nd St, St. Louis, Mo MA1-5700
E Kroeger *175 F 315-700-970-1240

• **GEORGE PRODUCTS INC** .... 104 Dorsa Ave, Livingston, NJ WY2-2642
*6 A 1125-1875-1885-1940

GEOSCIENCE INSTRUMENTS CORP 142 Malden La. New York 38, NY HA5-6135
E Jensen #3 *7 A 05-240-400-900-1075-1125-1510-1915-1960

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ariz	E J Foley & Assoc	3845 Joshua Dr, Scottsdale	WH5-4290
Cal	Yarbrough Sales Co	19 E Green St, Pasadena	MU2-3331
Conn	Metallurgical Prods Corp	1199 Beacon St. Brookline 46, Mass	LO6-8093
Me	Metallurgical Prods Corp	1199 Beacon St. Brookline 46, Mass	LO6-8093
Mass	Metallurgical Prods Corp	1199 Beacon St. Brookline 46	LO6-8093
NH	Metallurgical Prods Corp	1199 Beacon St. Brookline 46, Mass	LO6-8093
NJ	GIC Assoc	142 Maiden La, NY 38, NY	HA5-6135
NM	E J Foley & Assoc	3845 Joshua Dr, Scottsdale, Ariz	WH5-4290
NY	GIC Assoc	142 Maiden La, NY 38	HA5-6135
Ore	Peninsula Assoc	1345 Hancock St. Redwood City, Cal	EM9-1226
RI	Metallurgical Prods Corp	1199 Beacon St. Brookline 46, Mass	LO6-8093
Tex	Ind Diamond Prods	PO Box 12241, Houston	RI9-0135
Vt	Metallurgical Prods Corp	1199 Beacon St. Brookline 46, Mass	LO6-8093
Wash	Peninsula Assoc	1345 Hancock St, Redwood City, Cal	EM9-1226

GEOTECHNICAL CORP .... 3401 Shiloh Rd. Garland, Tex BR8-8102
F Gaillard #40 *400 E 15-195-200-325-338-365-885-895-1375-1430-1435-1515-1660-1810-1850-1935

GEOTRONIC LABS INC .... 1314 Cedar Hill Ave, Dallas 8, Tex WH6-9123
D Reeves #7 *30 B 220-338-365-450-670-895-915-1420-1850-1755

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Tex	R E Saller Co	208 Sidney St, Houston 3, Tex	WA3-8720

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	GERBER SCIENTIFIC INSTRUMENT CO.	**89 Spruce St, Hartford 1, Conn**	**JA8-2124**
	338-365-895-1130		
	GERING PLASTICS DIV STUDEBAKER-PACKARD	**N. 7th at Monroe, Kenilworth, NJ**	**BR6-2900**
	R Mistretta #10 *650 G 1290		
Cal	T Raines	426 Los Ninos Way, Los Altos	WH8-5487
Fla	H Gosche	2141 Sunnyside Pl. Sarasota	RI6-4448
Ill	Gering Plastics	4143 W. Diversey Ave, Chicago, Ill	NA2-0836
Mass	Charles Lantz	103 Holden St, Holden, Mass	PL4-7396
Minn	A Gerrard	Box 113, Minn	UN9-0654
Ohio	Dan Deitzel	216 ... Ave, Cuyahoga Falls, Ohio	WA3-3164
Ohio	Gordon Schmalter	1115 Larchwood Rd, Mansfield, Ohio	SK6-2756
	GERST & CO., PAUL E	**4868 N. Clark, Chicago 40, Ill**	**LO1-5897**
	P Gerst #4 *11 A 340-360-365-895-915-1165-1420-1455		
	GERTSCH PRODUCTS INC	**3211 S. La Cienega Blvd. LA 16, Cal**	**UP0-2761**
	E Watts #7 *160 E 50-330-515-670-810-895-1135-1330-1855		
Ala	Bivins & Caldwell Inc	3130 Maple Dr. NE. Atlanta, Ga	233-1141
Alaska	Rush S Drake Associates	1817 Norman St, Seattle 44, Wash	EA3-8545
Ark	Dannemiller-Smith Inc	2712 W. Mockingbird Ln. Dallas, Tex	FL7-8249
Cal	James Lantis	794 W. Olive, Sunnyvale, Cal	RE6-7031
Colo	Hytronic Measurements Inc	1295 S. Bannock, Denver 23, Colo	PE3-3701
Conn	Instrument Associates	734 Asylum Ave, Hartford 5, Conn	CH6-5686
Del	Harman Associates	941 Rollins Ave, Rockville, Md	HA7-7560
DC	Harman Associates	941 Rollins Ave, Rockville, Md	HA7-7560
Fla	Bivins & Caldwell Inc	601 N. Fern Creek Ave. Orlando	CH1-1091
Ga	Bivins & Caldwell Inc	3130 Maple Dr. NE. Atlanta 5, Ga	233-1141
Idaho	Rush S Drake Associates	1817 Norman St, Seattle 44, Wash	EA3-8545
Ill	Hugh Marsland & Co	6699 Lincoln Ave, Chicago 45, Ill	OR6-1100
Ind	Hugh Marsland & Co	4130 E. 10th St, Indianapolis 19, Ind	FL6-4249
Iowa	Hugh Marsland & Co	6699 Lincoln Ave, Chicago 45, Ill	OR6-1100
Kan	Harris-Hanson Associates	7916 Paseo Ave, Kansas City, Mo	HI4-9494
Kan	Harris-Hanson Associates	2814 S. Brentwood Blvd, St. Louis 17, Mo	MI7-4350
Ky	Bivins & Caldwell Inc	1923 N. Main St, High Point, NC	2-6873
La	Dannemiller-Smith Inc	6218 B Westheimer, Houston, Tex	SU2-7350
Me	Instrument Associates	30 Park Ave, Arlington 74, Mass	MI8-2922
Md	Harman Associates	941 Rollins Ave, Rockville, Md	HA7-7560
Mass	Instrument Associates	30 Park Ave, Arlington 74, Mass	MI8-2922
Mich	S Sterling Co	15311 W. McNichols Rd, Detroit, Mich	BR3-2900
Minn	Northport Engineering Inc	1729 Selby Ave, St. Paul 4, Minn	MI6-2621
Miss	Dannemiller-Smith Inc	6218 B Westheimer, Houston, Tex	SU2-7350
Mo	Harris-Hanson Associates	2814 S. Brentwood Blvd, St. Louis 17, Mo	MI7-4350
Mont	Rush S Drake Associates	1817 Norman St, Seattle 44, Wash	EA3-8545
NH	Instrument Associates	30 Park Ave, Arlington 74, Mass	MI8-2922
NJ	G Curtis Engel & Assoc	235 S. Broad St. Ridgewood	GI4-1400
NM	Hytronic Measurements Inc	211 Sierra SE. Albuquerque	AL5-0669
NY	G Curtis Engel & Associates	235 S. Broad St, Ridgewood, NJ	RE2-0001
NY	J D Ryerson Associates	111 Wave Rd, Syracuse 1, NY	GI6-1771
NC	Bivins & Caldwell Inc	1923 N. Main St, High Point, NC	2-6873
ND	Northport Engineering Inc	1729 Selby Ave, St. Paul 4, Minn	MI6-2621
Ohio	S Sterling Co	5827 Mayfield Rd, Cleveland 24, Ohio	HI2-8080
Okla	Dannemiller-Smith Inc	2712 W. Mockingbird Ln. Dallas, Tex	FL7-8249
Ore	Rush S Drake Associates	1817 Norman St, Seattle 44, Wash	EA3-8545
Pa	S Sterling Co	4232 Brownsville Rd. Pittsburgh 27	TU4-5515
Pa	S Sterling Co	4224 Clairton Blvd, Pittsburgh 27, Pa	TU4-5515
RI	Instrument Associates	734 Asylum Ave, Hartford 5, Conn	CH6-5686
SC	Bivins & Caldwell Inc	1923 N. Main St, High Point, NC	2-6873
SD	Northport Engineering Inc	1729 Selby Ave, St. Paul 4, Minn	MI6-2621
Tenn	Bivins & Caldwell Inc	1923 N. Main St, High Point, NC	2-6873
Tex	Dannemiller-Smith Inc	2712 W. Mockingbird Ln, Dallas	FL7-8249
Tex	Dannemiller-Smith Inc	6218 B Westheimer, Houston	SU2-7350
Utah	Hytronic Measurements Inc	2022 S. Main St, Salt Lake City, Utah	IN6-4924
Vt	Instrument Associates	30 Park Ave, Arlington 74, Mass	MI8-2922
Va	Bivins & Caldwell Inc	1219 High Point Ave, Richmond 30, Va	EL5-7931
Wash	Rush S Drake Associates	1817 Norman St, Seattle 44, Wash	EA3-8545
W. Va	Bivins & Caldwell Inc	1219 High Point Ave, Richmond 30, Va	EL5-7931
Wisc	Northport Engineering Inc	1729 Selby Ave, St. Paul 4, Minn	MI6-2621
Wisc	Hugh Marsland & Co	6699 Lincoln Ave, Chicago 45, Ill	OR6-1100
Wyo	Hytronic Measurements Inc	2022 S. Main St, Salt Lake City 15, Utah	IN6-4924
Canada	Atlas Instrument Corp Ltd	50 Wingold Ave, Toronto 19, Ont, Canada	RU1-6174
	GETTERS ELECTRONICS INC	**3279 Grand Island Blvd, Grand Island, NY**	**RR3-7552**
	R Study #2 *7 D 1875		
	GIANNINI CONTROLS CORP	**1600 S. Mountain Ave. Duarte, Cal**	**MU1-2311**
	L Ryan #160 *1100 G 15-325-338-360-775-780-895-1165-1300-1330-1550-1555-1735-1850		
Ariz	Howe & Howe	4328 N. 42nd Pl. Phoenix	AM5-9185
Cal	Meredith Eng Assoc	385 E. Green St. Pasadena	MU1-9957
Cal	G M Howard & Assoc	727 Industrial Way, San Carlos	LY1-5736
Cal	R J Thompson	2275 E. Foothill Blvd, Pasadena	MU1-9513
Cal	R G Martinez	3600 S. Lincoln, Englewood, Colo	SU9-3932
Cal	L I Bash	20911 Ninth Ave. S. Seattle 88	TA4-5680
Cal	A L Landsperger	271 Town & Country Village, Palo Alto	DA1-6537
Colo	R G Martinez	3600 S. Lincoln, Englewood	SU9-3932
Colo	L E Ruettle	465 S. Leyden St. Denver	DU8-3125
Conn	Laslow Sls Co	108 Foxcroft Rd. West Hartford	AD6-3265
DC	W L Brantley	5228 Westpath Way, Washington 16, DC	OL6-6556
Fla	Buchanan & Abrams Assoc Inc	Box 6026, Orlando	GA3-8995
Ill	T J Miller	8 S. Michigan Ave, Chicago 3, Ill	AN3-5272
Ill	Harry W Gerhard Co	5129 W. Devon Ave, Chicago 46	RO3-3636
Mass	Zaslow Sales Co	371 Howard St. Northboro	EX3-8150
Mich	Electro Sales Assoc Inc	36500 Weideman Rd. Mt. Clemens	HO8-2461
Minn	L F Murphy Assoc	1940 Hennepin Ave. Mnpls 5	FR4-2350
Mo	Forrstal-Young Sales Co	4053 Broadway, Kansas City	VA1-5330
Mo	Forrstal-Young Co	8147 Delmar Blvd. St. Louis	PA5-7701
NJ	Giannini Controls Corp	Sherwood Lane, Caldwell Township	CA6-7777
NM	Aztec Enterprises	525 San Pedro NE Albuquerque	AM8-6421
NY	R A Meola Jr	Empire State Bldg, New York 1, NY	CH4-4700
NY	Frank Tylinski	73-63 Bell Blvd. Bayside 64	HO4-8927
NY	Young Assoc	907 Monroe Ave. Rochester 20	BR1-2136
NC	Jim Rudisill Assoc	2009 N. Tryon St. Charlotte	FR6-4792
Ohio	A C Hummel	2610 Far Hills Ave, Dayton 19, Ohio	AX9-7383
Ohio	Electro Sales Assoc	281 E. 216 St. Cleve 23	RE2-7444
Ohio	Electro Sales Assoc. Inc	Dabel Sta. Box 143 Dayton 20	CH4-5551
Okla	C D Daniels	Box 8511, Tulsa	LU4-1142
Pa	Danco Corp	Germantown Pike, Fairview Village	BR5-2600
Tex	George Weinreich & Assoc	11554 E. NW Hwy, Dallas 18	DA1-2800
Utah	T R Van Wagoner Co	1415 S. Main St. Salt Lake City	IN6-2461
Wash	L I Bash	20911 9th Ave. S. Seattle 88	TA4-5680
Wash	N R Schultz Co	4227 Airport Way, Seattle 8	MA4-8650
	GIBBS MFG & RESEARCH CORP	**454 N. Main St, Janesville, Wisc**	**PL4-4467**
	R Morris *300 E 515-635-895-1075-1135-1340-1455-1780-1810-1870		
Ariz	W Bert Knight Co	Box 11394, Phoenix	YE7-2060
Cal	Lee Owens Co	1102 S. Western Ave, Los Angeles, Cal	RE5-0203
Cal	W Bert Knight Co	10377 W Pico Blvd, Los Angeles	BR2-0101
Ohio	Harold W Hassman & Assoc	2412 Far Hills Ave, Dayton	AX8-1951
Va	J B Guttridge	209 Noland, Falls Church	JE2-8688
•	**GIBSON ELECTRIC CO**	**Box 535, Delmont, Pa**	**HO8-7701**
	B Gibson #8 *138 E 160-355-1120-1125-1490-1515		
Ala	W K Hile Co	P.O. Box 6165, Charlotte 7, NC	FR7-5062
Ariz	E A Wilcox Co	6436 E. Corvette St, Los Angeles, Cal	RA3-6436
Ark	Robert Klorer	7500 Natural Bridge, St. Louis 21, Mo	EV1-6530
Cal	E A Wilcox Co	173 Utah Ave, S. San Francisco, Cal	PL6-7380
Cal	E A Wilcox Co	6436 E. Corvette St, Los Angeles, Cal	RA3-6436
Conn	Gilbert L Pike	370 Upham St, Melrose 76, Mass	NO5-6941
Del	Cashman & Norton	P.O. Box 124, Broomall, Pa	EL7-7703
DC	Cashmore & Norton	P.O. Box 124, Broomal, Pa	EL7-7703
Fla	W K Hile Co	P.O. Box 6165, Charlotte 7, NC	FR7-5062
Ga	W K Hile Co	P.O. Box 6165, Charlotte 7, NC	FR7-5062
Hawaii	Albert Teshen	Bessemer Bldg, Pittsburgh 22, Pa	GR1-7217
Idaho	E A Wilcox & Co	173 Utah Ave, S., San Francisco, Cal	PL6-7380
Ill	Hill & Gray, Inc	821 Garfield St, Oak Park	ES8-7050
Ill	Robert Klorer	7500 Natural Bridge, St. Louis 21, Mo	EV1-6530
Kan	Robert Klorer	7500 Natural Bridge, St. Louis 21, Mo	EV1-6530
Me	Gilbert L Pike	370 Upham St, Melrose 76, Mass	NO5-6941
Mass	Gilbert L Pike	370 Upham St, Melrose 76, Mass	NO5-6941
Mich	J L Montgomery Co	P.O. Box 95, Birmingham	MI6-6894
Miss	Robert Klorer	7500 Natural Bridge, St. Louis 21, Mo	EV1-6530
Mo	Robert Klorer	7500 Natural Bridge, St. Louis 21, Mo	EV1-6530
Neb	E A Wilcox & Co	173 Utah Ave, S., San Francisco, Cal	PL6-7380
NH	Gilbert L Pike	370 Upham St, Melrose 76, Mass	NO5-6941
NJ	W M Hicks	4 Spruce Dr, Roslyn, NY	MA7-6150
NJ	Cashman & Norton	P.O. Box 124, Broomal, Pa	EL7-7703
NM	E A Wilcox & Co	6436 E. Corvette St, Los Angeles, Cal	RA3-6436
NY	Judson H Scott	630 Seneca Pkwy, Rochester 13	CL4-4957
NY	W M Hicks	4 Spruce Dr, Roslyn, NY	MA7-6150
NC	W K Hile Co	P.O. Box 6165, Charlotte 7, NC	FR7-5062
Ohio	J L Montgomery Co	Box 95, Birmingham, Mich	MI6-6894
Ohio	Robert R Stone & Associates	1925 Lee Rd, Cleveland Heights 18	ER1-4484
Ohio	Robert R Stone & Associates	384 W. 1st St, Dayton 4, Ohio	BA4-7282
Ore	E A Wilcox Co	915 Attic Bldg, Seattle 4, Wash	MU2-1468
Pa	Cashman & Norton	P.O. Box 124, Broomall, Pa	EL7-7703
Pa	Robert R Stone & Associates	384 W. 1st, Dayton 4, Ohio	BA4-7282
RI	Gilbert L Pike	370 Upham St, Melrose 76, Mass	NO5-6941
SC	W K Hile Co	P.O. Box 6165, Charlotte 7, NC	FR7-5062
Tenn	W K Hile Co	P.O. Box 6165, Charlotte 7, NC	FR7-5062
Tenn	Robert Klorer	7500 Natural Bridge, St. Louis 21, Mo	EV1-6530
Utah	E A Wilcox & Co	173 Utah Ave, S. San Francisco, Cal	PL6-7380
Vt	Gilbert L Pike	370 Upham St, Melrose 76, Mass	NO5-6941
Va	W K Hile Co	P.O. Box 6165, Charlotte 7, NC	FR7-5062
Wash	E A Wilcox Co	915 Attic Bldg, Seattle 4, Wash	MU2-1468
W. Va	Robert R Stone & Associates	384 W. 1st St, Dayton 4, Ohio	BA4-7282
Wis	Hill & Gray, Inc	821 Garfield St, Oak Park, Ill	ES8-7050
Canada	E A Wilcox Co	915 Attic Bldg, Seattle 4, Wash	MU2-1468
Foreign	Albert Teshen	Bessemer Bldg, Pittsburgh 22, Pa	GR1-7217
	GILBERT PLASTICS INC	**4 Boright Ave. Kenilworth, NJ**	**BR2-6400**
	135-1290		
	GILFILLAN BROS INC	**1815 Venice Blvd, Los Angeles 6, Cal**	**DU1-3441**
	E Delton #241 *2400 G 20-35-40-45-75-90-95-220-325-330-338-360-385-450-535-670-775-795-895-1045-1135-1200-1395-1425-1810-1870-1920		
Ala	C W Saffell	P.O. Box 14, Huntsville, Ala	JE6-4411
DC	E M Oliverson	1028 Connecticut Ave. NW, Wash 6	ST3-8262
DC	J B Eicholls	1028 Connecticut Ave. NW, Wash 6	ST3-8262
NJ	W James Murray	26 Princeton Ave, Neptune, NJ	PR4-0907
NY	H H Jones	Turin Rd. W R, Rome	FF6-3600
Ohio	R F Dixon	39 N. Torrence, Dayton, Ohio	CL2-5981
Germany	Orrel Cline	25 Shubertstrasse, Wiesbaden, Germany	26509 (civil)
	GILLEN CO., JOHN	**2540 S. 50th Ave. Cicero 50, Ill**	**TO3-5410**
	G Andrews 645-1280		
Ill	W J Taylor	605 W. Wash Blvd. Chicago	FR2-4743
Ind	Lowell Black	6601 Manderlay Dr. Indpls	VI6-8147
Iowa	Emil Strothe	2831 54th Ave. Rock Island, Ill	788-9388
Kan	Franklin Inc	1401 Fairfax Trafficway, KC	MA1-1343
La	Jack Gronberg	Box 291, Bellaire, Tex	MA3-7729
Md	Paul J Fleming	907 W. Wagner Ave. Phila. 41	WA4-1608
Mich	R M Richardson	650 N. Woodward, Birmingham	MI6-2500
NY	E W Place	344 W. Lake Rd. Canandaigua	288
Ohio	R E Glenn	3107 Mayfield Rd. Cleveland Hts	ER1-1080
•	**GILLIES CO., INC., DUNCAN M**	**66 Central St, West Boylston, Mass**	**TE5-4445**
	D Gillies *15 B 1075-1965		
Cal	Thompson Associates	P.O. Box 1143, Palos Verdes Estates	FR7-4042
Ill	Plastic Equipment & Sales Co	8232 Major Ave, Morton Grove, Ill	YO6-4717
	GILMORE INDUSTRIES INC	**13015 Woodland Ave, Cleveland 20, Ohio**	**RA1-6400**
	L Winston #17 *60 E 195-338-360-895		
Ala	Gilmore Industries	Box 531, Media, Pa	LO6-7228
Ariz	Gilmore Industries	2550 E. Foothill, Pasadena, Cal	MU1-8349
Cal	Gilmore Industries	2550 E. Foothill, Pasadena, Cal	MU1-8349
Colo	Gilmore Industries	2550 E. Foothill, Pasadena, Cal	MU1-8349
Conn	Gilmore Industries	Box 531, Media, Pa	LO6-7228
Del	Gilmore Industries	Box 531, Media, Pa	LO6-7228
DC	Gilmore Industries	Box 531, Media, Pa	LO6-7228
Fla	Gilmore Industries	Box 531, Media, Pa	LO6-7228
Ga	Gilmore Industries	Box 531, Media, Pa	LO6-7228
Idaho	Gilmore Industries	2550 E. Foothill, Pasadena, Cal	MU1-8349
Me	Gilmore Industries	Box 531, Media, Pa	LO6-7228
Md	Gilmore Industries	Box 531, Media, Pa	LO6-7228
Mass	Gilmore Industries	Box 531, Media, Pa	LO6-7228
Mich	Gilmore Industries	Box 531, Media, Pa	LO6-7228
Mont	Gilmore Industries	2550 E. Foothill, Pasadena, Cal	MU1-8349
Neb	Gilmore Industries	2550 E. Foothill, Pasadena, Cal	MU1-8349
Nev	Gilmore Industries	2550 E. Foothill, Pasadena, Cal	MU1-8349
NH	Gilmore Industries	Box 531, Media, Pa	LO6-7228
NJ	Gilmore Industries	Box 531, Media, Pa	LO6-7228
NM	Gilmore Industries	2550 E. Foothill, Pasadena, Cal	MU1-8349
NY	Gilmore Industries	Box 531, Media, Pa	LO6-7228
NC	Gilmore Industries	Box 531, Media, Pa	LO6-7228
Ore	Gilmore Industries	2550 E. Foothill, Pasadena, Cal	MU1-8349
Pa	Gilmore Industries	Box 531, Media, Pa	LO6-7228
RI	Gilmore Industries	Box 531, Media,Pa	LO6-7228
SC	Gilmore Industries	Box 531, Media, Pa	LO6-7228
Utah	Gilmore Industries	2550 E. Foothill, Pasadena, Cal	MU1-8349
Vt	Gilmore Industries	Box 531, Media, Pa	LO6-7228
Va	Gilmore Industries	Box 531, Media, Pa	LO6-7228
Wash	Gilmore Industries	2550 E. Foothill, Pasadena, Cal	MU1-8349
W.Va	Gilmore Industries	Box 531, Media, Pa	LO6-7228
	GIRARD-HOPKINS	**1000 40th Ave, Oakland, Cal**	**KE2-8477**
	A Stock #1 *25 C 220		
Ariz	Paul F Wiley Co	1632 Silverlake Blvd. L A, Cal	NO3-8028
Cal	David H Ross Co	534 El Camino Real, San Carlos	LY1-4411
Cal	Paul F Wiley Co	1632 Silverlake Blvd LA	NO3-8028
Del	David S Linz	238 Delmore St. Phila 11, Pa	ES9-0734
DC	David S Linz Co	238 Delmore St. Philadelphia, Pa	ES9-0743
Haw	David H Ross Co	534 El Camino Real, San Carlos, Cal	LY1-4411
Md	David S Linz Co	238 Delmore St. Philadelphia, Pa	ES9-0743
Nev	David H Ross Co	534 El Camino Real, San Carlos, Cal	LY1-4411
NJ	Jack Weber	63 E. 9th St. New York 3, NY	GR3-7813
NJ	David S Linz	238 Delmore St. Phila 11, Pa	ES9-0734
NY	Jack Weber	63 E 9th St. New York 3	GR3-7813
Pa	David S Linz Co	238 Delmore St. Philadelphia, Pa	ES9-0743
Va	David S Linz	238 Delmore St. Phila 11, Pa	ES9-0734
	GIRDLER PROCESS EQUIP DIV, CHEMETRON CORP	**2820 W Broadway, Louisville 1, Ky**	**SP8-4421**
	B Hopkins #45 *250 E 820-1215		
Ill	Frank C Vance	855 Board of Trade Bldg, Chicago, Ill	
NY	Niagara Electric Sales Co	125 Delaware Ave, Buffalo 2, NY	
NY	Niagara Electric Sales Co	135 S. Clinton, Rochester, NY	
NY	Nat Levin	76 Beaver St. New York, NY	
Ohio	John H Garger	239 Newton Ave, Newark, Ohio	
	GLADDING MCBEAN & CO	**1551 S. Primrose St, Monrovia, Cal**	**EL7-2243**
	L Leclerc #100 *2500 G 65-110-175-240-315-775-900-905-1115-1125-1510-1545-1875-1890-1940-1960		
Cal	Jack Kaufman	126-25th Ave, San Mateo	FI1-4942
Ill	H Sam Tollakson	304 S Halsted St, Chicago	
NJ	Bonn Associates, Inc	57 New St, Metuchen	LI9-9573
NY	J Lazor Associates, Inc	280 E Highland Dr, Rochester 10	GR3-8337
Pa	Bonn Associates, Inc	2684 Lewis St, Philadelphia 45	CU9-9058
	GLASER-STEERS CORP	**155 Oraton St, Newark 4, NJ**	**HU4-6400**
	R Kershenstein #12 *400 E 1255		
Cal	Perlmuth Electronics	5857 W. Washington Blvd, Los Angeles, Cal	WE1-1041
Ill	J J McBride Sales Co	328 E. Burlington St, Riverside, Ill	HI7-8131-2
NY	S-J Sales Eng Co	148-05 Archer Ave, Jamaica 35	AX1-3232
	GLASSEAL PRODUCTS CO., INC	**725 Commerce Rd, Linden, NJ**	**HU6-2067**
	E Cowles #3 *90 D 800-1545		
Ariz	F A Emmott Co	335 W. Md. Phoenix	AM4-0813
Ark	J Earl Smith Co	Box 35331, Airlawn Sta, Dallas, Tex	
Cal	Frank A Emmet Co	1815 Fair Oaks Ave, S. Pasadena, Cal	MU2-3724
Conn	Near Inc	Box 52, Melrose	
Del	David Humes Jr	124 Lee Circle, Bryn Mawr, Pa	LA6-6469
DC	David Humes Jr	124 Lee Circle, Bryn Mawr, Pa	LA6-6469
Ill	Russ Diethert Co., Inc	2030 W. Montrose Ave, Chicago 18, Ill	LO1-7627
Ind	Russ Diethert Co., Inc	2030 W. Montrose Ave, Chicago 18, Ill	LO1-7627
La	J Earl Smith Co	Box 35331, Airlawn Sta, Dallas, Tex	
Me	Near Inc	99 Highland Ave, Somerville, Mass	PR6-2262
Md	David Humes Jr	124 Lee Circle, Bryn Mawr, Pa	LA6-6469
Mass	Near Inc	99 Highland Ave, Somerville, Mass	PR6-2262
Minn	Fred Peterson Co	2431 Hennepin Ave, Minneapolis, Minn	FR7-3025
NH	Near Inc	99 Highland Ave, Somerville, Mass	PR6-2262
NJ	David Humes Jr	124 Lee Circle, Bryn Mawr, Pa	LA6-6469
NJ	G Eichelhardt & Assoc	64 Mountain Ave. Chatham	ME5-7237
NY	G Eichelhardt & Assoc	64 Mountain Ave. Chatham, NJ	ME5-7237
NY	Wilson H Zimmerman Inc	112 Dewitt St, Syracuse 3, NY	GR4-4889
NC	Russ Diethert Co., Inc	P.O.Box 510, Gastonia, NC	UN5-3771
Ohio	R G Sidnell Co	1229 Winslow Ave, Cleveland 7, Ohio	AC1-1313
Okla	J Earl Smith Co	P.O.Box 35331, Airlawn Sta, Dallas, Tex	
Pa	David Humes Jr	124 Lee Circle, Bryn Mawr, Pa	LA6-6469
Pa	R G Sidnell Co	1229 Winslow Ave, Cleveland 7, Ohio	AC1-1313
RI	Near Inc	99 Highland Ave, Somerville, Mass	PR6-2262
SC	Russ Diethert Co., Inc	P.O.Box 510, Gastonia, NC	UN5-3771
Tenn	Russ Diethert Co., Inc	P.O.Box 510, Gastonia, NC	UN5-3771
Tex	J Earl Smith Co	P.O.Box 35331, Airlawn Sta, Dallas, Tex	
Vt	Near Inc	99 Highland Ave, Somerville, Mass	PR6-2262
Wisc	Russ Diethert Co., Inc	1324 Wisconsin Ave, Milwaukee, Wisc	DI2-7484
	GLASS-TITE INDUSTRIES INC	**725 Branch Ave, Providence 4, RI**	**TE1-6800**
	345-800-845-1540-1545-1735		
Ariz	Carl R Howe	340 N. Marshall Ave, Scottsdale, Ariz	WH5-2471
Cal	Jay Stone Associates	22250 Brookhill Rd, Los Altos, Cal	YO8-2770
Cal	Yarbrough Sales Co	2636 Mission St, San Marino, Cal	MU2-3331
Conn	Milton Paisner	706 Pontiac Ave, Cranston 10, RI	JA1-3522
DC	Habco Sales Co	603 Allegheny Ave, Towson, Md	VA5-9637
Idaho	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	ME3-3160
Ill	Leroy W Beier Co	6518 W. North Ave, Chicago 35, Ill	BE7-2420
Ind	Thomas & Sullup Inc	5226 N. Keystone Ave, Indpls 20, Ind	CL1-6915
Me	Milton Paisner	706 Pontiac Ave, Cranston 10, RI	JA1-3522
Md	Habco Sales Co	603 Allegheny Ave, Towson, Md	VA5-9637
Mass	Milton Paisner	706 Pontiac Ave, Cranston 10, RI	JA1-3522
Minn	Hamilton & Bayle Associates Inc	3354 Republic Ave, Minneapolis 26, Minn	WE9-7891
Mont	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	ME3-3160
NH	Milton Paisner	706 Pontiac Ave, Cranston 10, RI	JA1-3522

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NJ	C D B Enterprises	501 Broadway, Hicksville, NY	WE8-8644
NJ	Schumacher Associates	P.O. Box 182, Abington, Pa	TU4-7808
NY	D L Wilson Co	572 Oakwood Ave, Syracuse, NY	GR5-6469
NY	C D B Enterprises	501 Broadway, Hicksville, NY	WE8-8644
ND	Hamilton & Bayle Associates Inc	3359 Republic Ave, Minnpls 26, Minn	WE9-7891
Ore	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	ME3-3160
Pa	Schumacher Associates	P.O. Box 182, Abington, Pa	TU4-7808
RI	Milton Palmer	706 Pontiac Ave, Cranston 10, RI	JA1-3522
SD	Hamilton & Bayle Associates Inc	3359 Republic Ave, Minnpls 26, Minn	WE9-7891
Vt	Milton Palmer	706 Pontiac Ave, Cranston 10, RI	JA1-3522
Va	R Greene Overmire Inc	1127 E. Market St, Charlottesville, Va	
Va	Habco Sales Co	[illegible] Allegheny Ave, Towson, Md	VA5-9637
Wash	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	ME3-3160
Wisc	Hamilton & Bayle Associates Inc	3359 Republic Ave, Minnpls 26, Minn	WE9-7891
Wisc	Leroy W Beier Co	6518 W. North Ave, Chicago 35, Ill	BE7-2420
	GLEASON-AVERY INC	**Auburn, NY**	**AL3-7396**
	C Sanford #1 *30 B 1165		
Conn	Walworth Controls Co	131 Main St, Rocky Hill, Conn	JA9-6806
DC	L G White & Co	880 Bonifant St, Silver Spring, Md	JU5-3141
Ill	[illegible] Electronics Co	2616 Elmwood, [illegible], Ill	AL6-1045
Ind	[illegible] Co	Angola, Ind	217
Md	L G White & Co	880 Bonifant St, Silver Spring, Md	JU5-3141
Mass	Walworth Controls Co	131 Main St, Rocky Hill, Conn	JA9-6806
NJ	Paul R Freeman Co	91 Dogwood Ln, New Hyde Park, NY	PI2-5627
NY	Paul R Freeman Co	91 Dogwood Ln, New Hyde Park, NY	PI2-5627
NY	H C Johnson Agencies Inc	111 Mt. Hope Ave, Rochester, NY	HA6-1090
NC	L G White & Co	880 Bonifant St, Silver Spring, Md	JU5-3141
Vt	Walworth Controls Co	131 Main St, Rocky Hill, Conn	JA9-6806
Va	L G White & Co	880 Bonifant St, Silver Spring, Md	JU5-3141
Canada	Davis Automatic Controls Ltd	[illegible] W. Dundas St, Toronto, Canada	RO4-1351
	GLENAIR, INC	**1211 Air Way, Glendale 1, Cal**	**CH5-8587**
	C Kirk, Jr #4 *35 C 25-180-225-645-675-770-790-1315-1560		
Ala	Emory Design & Eqpt	P.O. Box 9013, Birmingham 13	TR1-1369
Cal	W V Brainard Co	715 Hamilton, Palo Alto	DA6-5421
Colo	Allen I Williams Co	2263 S Albion St, Denver 22	SK6-9403
Conn	W McCoy Co	57 S Montowese, Branford	HU8-3136
Fla	Emory Design & Eqpt	P.O. Box 507, Bradenton	7-1707
Ill	LeRoy W Beier Co	6518 W North St, Chicago 35	BE7-2420
Ind	Wright Eng Corp	P.O. Box 23107, Indpls 8	WA3-8888
Md	Robt L Wilkinson	707 Stevenson Ln, Towson	DR7-7800
Mich	Henschen-Jensen & Co	2442 W Grand Blvd, Detroit 2	TR1-0300
Minn	Fred B Hinco	6110 Excelsior Blvd, Minn 16	WE9-6727
NM	Allen I Williams Co	3221 Silver Ave SE, Albuquerque	AL5-9632
NY	O F Masin Co	1 Wolf's Ln, Pelham	PE8-4510
NY	Frank W Taylor Co	4505 E Genesee St, Dewitt	GI6-0422
NC	Dula Assoc	PO Box 5316, Winston Salem	PA3-4205
NC	Dula Assoc	P.O. Box 6096, Charlotte 2	ED4-7090
Ohio	Arthur H Baier Co	19236 S Miles Pkwy, Cleveland 23	FA1-5690
Ohio	Arthur H Baier Co	354 W 1st St, Dayton 2	BA8-5493
Pa	Robt L Wilkinson Co	P.O. Box 215, Glenside	HA4-8400
Pa	John O Olsen Co	104 Elston Dr, Pittsburg 16	BR9-2560
Pa	John O Olsen Co	16201 Shaker Blvd, Cleveland 20, Ohio	SK2-5444
Tex	Edward F Aymond Co	P.O. Box 6595, Dallas 19	LA6-5233
Utah	Allen I Williams Co	320 E 4th South, Salt Lake City	EM3-6844
Va	Robt L Wilkinson Co	P.O. Box 218, Falls Church	JE2-6076
Wash	J J Backer Co	221 Galer, Seattle 99	AT3-6470
	GLENTRONICS INC	**859 E. Alosta Ave, Glendora, Cal**	**ED5-4514**
	R Eimer #3 *20 C 365-915-1135-1340		
Ariz	E V Roberts & Associates	909 N. First St, Phoenix, Ariz	AL4-4564
Cal	E V Roberts & Associates	5966 W. Washington Blvd, Los Angeles 16	WE8-2541
Cal	E V Roberts & Associates	1560 Laurel St, San Carlos, Cal	LY3-7878
Cal	E V Roberts & Associates	4379 30th St, San Diego, Cal	AT1-6787
NM	E V Roberts & Associates	112C Tulane Dr, S.E., Albuquerque, NM	AL5-7304
	GLOBE ELECTRICAL MFG CO	**1729 W 134 St. Gardena, Cal**	
	280-790-905-1460-1780-1785		
	GLOBE ELECTRONICS DIV., TEXTRON ELECTRONICS INC	**22-30 S 34 St, Council Bluffs, Iowa**	**328-1836**
	H Daly #12 *250 E 255-320-325-338-365-410-475-670-895-910-955-1135-1145-1425-1655-1730-1810-1845-1855-1860-1870		
Ala	V Avis McCorvey Co	105 W. Howard Ave, Decatur, Ga	DR7-6167
Ariz	Mueller Electronic Sales Co	3225 Exposition Pl, Los Angeles 18, Cal	AX5-3239
Cal	Bernard Cahn	420 Market St, San Francisco 18, Cal	BA1-5923
Cal	Mueller Electronic Sales Co	3225 Exposition Pl, Los Angeles 18, Cal	AX5-3239
Colo	W B Golliher	1559 Chester St, Aurora, Colo	EM6-0208
Conn	Mosher & Peyser Co	945 Great Plain Ave, Needham, Mass	
DC	David S Linz	238 Shelmire St, Philadelphia, Pa	ES9-0734
Fla	Jack Geartner	235 Lincoln Rd, Miami Beach, Fla	JE[illegible]200
Ga	V Avis McCorvey Co	105 W. Howard Ave, Decatur, Ga	DR7-6167
Haw	Bill Cameron Sales	2436 Dole St, Honolulu	
Ill	William M Linz Associates	6322 N. Cicero Ave, Chicago 46, Ill	MU5-2022
Ind	Fishman Associates	1836 Nottingham Dr, Indianapolis, Ind	LI6-5477
Iowa	Lee Florence	406 W. 34th, Kansas City, Mo	LO1-7282
Kan	Lee Florence	406 W. 34th, Kansas City, Mo	LO1-7282
Ky	Fishman Associates	1836 Nottingham Dr, Indianapolis, Ind	LI6-5477
Me	Mosher & Peyser Co	945 Great Plain Ave, Needham, Mass	
Md	David S Linz	238 Shelmire St, Philadelphia, Pa	ES9-0734
Mass	Mosher & Peyser Co	945 Great Plain Ave, Needham, Mass	
Mich	Ken Burcaw	22128 Grand River Ave, Detroit 19, Mich	KE3-7700
Minn	Nick J Laub Co	3749 W. Broadway, Minneapolis 22, Minn	JU8-4663
Miss	V Avis McCorvey Co	105 W. Howard Ave, Decatur, Ga	DR7-6167
Mo	Lee Florence	406 W. 34th, Kansas City, Mo	LO1-7282
Neb	Lee Florence	406 W. 34th, Kansas City, Mo	LO1-7282
NH	Mosher & Peyser Co	945 Great Plain Ave, Needham, Mass	
NM	W B Golliher	1559 Chester St, Aurora, Colo	EM6-0208
NY	Erde-Haviland	271 Hemstead Ave, Malverne	
NY	Maury Farber Associates	417 Root Bldg, Buffalo 2, NY	MO3-5434
NC	V Avis McCorvey Co	105 W. Howard Ave, Decatur, Ga	DR7-6167
Ohio	Ken Burcaw	22128 Grand River Ave, Detroit 19, Mich	KE3-7700
Okla	Lieberman & Assoc	6005 Northwood Rd, Dallas 25, Tex	
Ore	Ray Johnston Co	1011 E. 69th St, Seattle 15, Wash	EM0956
Pa	David S Linz	238 Shelmire St, Philadelphia, Pa	ES9-0734
Pa	Ken Burcaw	22128 Grand River Ave, Detroit 19, Mich	KE3-7700
RI	Mosher & Peyser Co	945 Great Plain Ave, Needham, Mass	
SC	V Avis McCorvey Co	105 W. Howard Ave, Decatur, Ga	DR7-6167
Tenn	V Avis McCorvey Co	105 W. Howard Ave, Decatur, Ga	DR7-6167
Tex	Lieberman & Assoc	6005 Northwood Rd, Dallas 25	
Utah	W B Golliher	1559 Chester St, Aurora, Colo	EM6-0208
Vt	Mosher & Peyser Co	945 Great Plain Ave, Needham, Mass	
Va	Ed Martin	1306 Vassar Rd, Richmond 29, Va	AT8-3985
Wash	Ray Johnston Co	1011 East 69th St, Seattle 15, Wash	EM0956
Wisc	Nick J Laub Co	3749 W. Broadway, Minneapolis 22, Minn	JU8-4663
Wisc	William M Linz Associates	6322 N. Cicero Ave, Chicago 46, Ill	MU5-2022
	GLOBE INDUSTRIES INC	**1784 Stanley Ave, Dayton 4, Ohio**	**BA3-3741**
	Y Hale #100 *650 F 20-145-360-895-1165-1810		
Ala	Maitland K Smith Co	208 14th St, N.W., Atlanta 13, Ga	TR5-8031
Ariz	Joe Davidson & Assoc	P.O. Box 108, South Gate, Cal	NE6-2245
Ark	Edward F Aymond Co	4312 Maple Ave, Dallas 9, Tex	LA6-5233
Cal	Long & Assoc., Inc	505 Middlefield Rd, Redwood City	EM9-3324
Cal	Joe Davidson & Associates	Box 108, South Gate, Cal	NE6-2245
Colo	Allen I Williams Co	2263 S Albion St, Denver 22	SK6-9403
Conn	Components Sales Corp	218 E. Hartsdale Ave, Hartsdale, NY	SC5-1050
Conn	Stockwell Tech Sales Co	Overbrook Dr, R D #3, Vernon	TR5-5414
Conn	Components Sales Corp	218 E Hartsdale, Hartsdale, NY	SC5-1050
Del	R L Wilkinson, Inc	707 Stevenson Ln, Towson, Md	DR7-7800
DC	R L Wilkinson, Inc	707 Stevenson Ln, Towson, Md	DR7-7800
Fla	Lynch-Gentry Assoc., Inc	7213 Central Ave, St Petersburg	DI7-5131
Ga	Maitland K Smith Co	208 14th St, N.W., Atlanta 13, Ga	TR5-8031
Idaho	Allen I Williams Co	2263 S Albion St, Denver 22, Colo	SK6-9403
Ill	Engineered Sales Co	4738 Harlem Ave, Chicago	UN7-8434
Ill	Harris-Hanson Co	2814 S Brentwood Blvd, St Louis 17, Mo	MI7-4350
Ind	R O Whitesell & Associates	6620 E. Washington St, Indianapolis, Ind	FL9-5374
Ind	R O Whitesell & Assoc	203 W Wayne St, Ft Wayne	EA3287
Iowa	Engineered Sales Co	4738 N Harlem Ave, Chicago, Ill	UN7-8434
Iowa	Nelson & Son, Inc	324 N First St, Mnpls 1, Minn	FE3-3328
Kan	Harris-Hanson Co	7916 Paseo St, Kansas City 32, Mo	HI4-9494
Ky	R O Whitesell & Assoc	400 N 38th St, Louisville 12	SP6-2024
Me	Stockwell Tech Sales Co	Overbrook Dr, R D 3, Vernon, Conn	TR5-5414
Md	R L Wilkinson, Inc	707 Stevenson Ln, Towson 4	DR7-7800
Mass	Stockwell Technical Sales Co	44 Walker St, Cambridge	TR6-5115
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit 35, Mich	BR3-2900
Minn	Nelson & Son, Inc	324 N First St, Mnpls 1	FE3-3328
Miss	Maitland K Smith Co	208 14th St, N.W., Atlanta 13, Ga	TR5-8031
Mo	Harris-Hanson Co	2814 S. Brentwood Blvd, St. Louis 17, Mo	MI7-4350
Mont	Allen I Williams Co	2263 S Albion St, Denver 22, Colo	SK6-9403
Neb	Allen I Williams Co	2263 S Albion St, Denver 22, Colo	SK6-9403
Nev	Long & Assoc, Inc	505 Middlefield Rd, Redwood City, Cal	EM9-3324
NH	Stockwell Tech Sales Co	Overbrook Dr, R D 3, Vernon, Conn	TR5-5414
NJ	R L Wilkinson, Inc	P.O. Box 215, Glenside, Pa	HA4-8400
NJ	Components Sales Corp	218 E. Hartsdale Ave, Hartsdale, NY	SC5-1050
NM	Allen I Williams Co	3221 Silver Ave SE, Albuquerque	AL5-9674
NY	Components Sales Corp	218 E. Hartsdale Ave, Hartsdale, NY	SC5-1050
NY	Reed-Tollefson Corp	2815 Monroe Ave, Rochester 18, NY	HI5-0450
NC	James L Highsmith & Co	3733 Monroe Rd, Charlotte 5	FR7-2546
ND	Nelson & Son, Inc	324 N First St, Mnpls 1, Minn	FE3-3328
Ohio	R O Whitesell & Associates	2600 Far Hills Ave, Dayton, Ohio	AX8-4261
Ohio	Technical Assoc. Inc	4475 Lander Rd, Chagrin Falls	TE1-9884
Ohio	R O Whitesell & Assoc	P.O. Box 2717, Cincinnati	ME1-9210
Okla	Edward F Aymond Co	4312 Maple Ave, Dallas 9, Tex	LA6-5233
Ore	Samuel N Stroum Co., Inc	621 Michigan St, Seattle 8, Wash	BE2-7868
Pa	Technical Associates Inc	4475 Lander Rd, Chagrin Falls, Ohio	TE1-9884
Pa	R L Wilkinson Inc	P.O.Box 215, Glenside, Pa	HA4-8400
RI	Stockwell Technical Sales Co	Overbrook Dr, R D #3, Vernon, Conn	TR5-5414
SC	James L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
SD	Nelson & Son, Inc	324 N First St, Mnpls 1, Minn	FE3-3328
Tenn	James L Highsmith & Co	P.O. Box 5[illegible], Richmond, Va	
Tenn	Maitland K Smith Co	208 14th St, N.W., Atlanta 13, Ga	TR5-8031
Tex	Edward F Aymond Co	4312 Maple Ave, Dallas 9, Tex	LA6-5233
Utah	Allen I Williams Co	320 E 4th St, S, Salt Lake City	EM4-6844
Vt	Reed-Tollefson Corp	2815 Monroe Ave, Rochester 18, NY	HI5-0450
Vt	Stockwell Technical Sales Co	Overbrook Dr, RD 3, Vernon, Conn	TR5-[illegible]
Va	James L Highsmith & Co	P.O. Box 5[illegible], Richmond	
Wash	Samuel N Stroum Co., Inc	621 Michigan St, Seattle 8	BE2-7868
W. Va	Technical Associates Inc	4475 Lander Rd, Chagrin Falls, Ohio	TE1-[illegible]
Wis	Nelson & Son, Inc	324 N First St, Mnpls 1, Minn	FE3-3[illegible]
Wis	Engineered Sales Co., Inc	4738 N Harlem Ave, Chicago, Ill	UN7-8434
Wyo	Allen I Williams Co	2263 S Albion St, Denver 22, Colo	SK6-9403
Canada	Lenard Electric Ltd	346 Bering Ave, Toronto 18, Ont, Canada	BE1-2731
For	Uni-Office N V	23 Botersloot, Rotterdam, Holl	13-72-20
For	Uni-Office G.m.b.H.	51 Harffstr, Dusseldorf, W Ger	74-281
For	Aero Material AB	Birger Jarlsgatan 6, Stockholm, Swed	
	GOAT ELECTRONICS INC	**314-322 Dean St. Brooklyn 17, NY**	**UL2-2311**
	J McMahon Jr #2 *30 C 1460-1645		
Ala	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
Ariz	Cox Sales Co	Box 4201, Denver Sta, S., Denver, Colo	PE3-6772
Cal	Wendell T Kershner	65-34½ Whittier Blvd, LA	RA3-5600
Colo	Cox Sales Co	Box 4201, Denver Sta, S., Denver, Colo	PE3-6772
Conn	E R Vizard & Co	5900 Main St. Trumbull	AM8-5619
Fla	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
Ga	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
Idaho	Cox Sales Co	Box 4201, Denver Sta, S., Denver, Colo	PE3-6772
Iowa	Maury E Bettis Co	406 W. 34th St, Kansas City 11, Mo	LO1-0772
Kan	T G Perry	423 N. Fountain, Wichita	MU6-7441
Ky	Gallagher Co	15 Ritchie Ave, Cincinnati 15, Ohio	PO1-1288
Mass	E R Vizard & Co	Kingston	JU5-2433
Mich	Gallagher	15 Ritchie Ave, Cincinnati 15, Ohio	PO1-1288
Miss	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
Mo	Harold Wibracht	8676 Kathlyn Dr. St. Louis	HA9-2099
Mont	Cox Sales Co	Box 4201, Denver Sta, S., Denver, Colo	PE3-6772
Neb	Maury E Bettis Co	406 W. 34th St, Kansas City 11, Mo	LO1-0772
NM	Cox Sales Co	Box 4201, Denver Sta, S., Denver, Colo	PE3-6772
NY	Walter M O[illegible]	Box 4, Mattydale 11, NY	GR9-6561
NC	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
Ohio	Gallagher Co	15 Ritchie Ave, Cincinnati 15, Ohio	PO1-1288
Okla	Maury E Bettis Co	406 W. 34th St, Kansas City 11, Mo	LO1-0772
SC	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
Tenn	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
Tex	Corwin Associates	1210 Old Gate Ln, Dallas 18, Tex	BR8-8251
Utah	Cox Sales Co	Box 4201, Denver Sta, S., Denver, Colo	PE3-6772
Va	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
Wyo	Cox Sales Co	Box 4201, Denver Sta, S., Denver, Colo	PE3-6772
	GODFREY MFG CO	**1633 N. Halsted, Chicago, Ill**	**MO4-3515**
	W Martin #1 *1 A 910-1810		
Cal	Rollins Electric	804 S Atlantic Blvd, Monterey Park, Cal	CU3-1209
	GOE ENGINEERING CO	**219 S. Mednik Ave, L A 22, Cal**	**AN1-2183**
	R Kelly #2 *16 175-785-790-905-1535-1780		
Ala	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	MI7-3498
Ariz	Howe & Howe	4321 N. 42nd Pl, Phoenix, Ariz	AM5-9185
Cal	Arvin Bell Co	7012 N Figueroa, L A	CL4-[illegible]
Cal	Wm W Tompkins & Co	3944 El Camino Real, Palo Alto, Cal	DA6-7940
Colo	Hyde Electronic Sales	888 S Lipan St, Denver 23, Colo	WE6-3456
Conn	Monahan & Co	P.O. Box 474, Norwood, Mass	NO7-5961
Del	Simberkoff Sales Co	175 Oakwood Ave. Orange, NJ	OR4-4100
DC	Simberkoff Sales Co	175 Oakwood Ave. Orange, NJ	OR4-4100
Fla	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	MI7-3498
Ga	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	MI7-3498
Idaho	Hyde Electronic Sales	888 S. Lipan St, Denver 23, Colo	WE6-3456
Ill	Ellinger Sales Corp	6540 Northwest Hwy, Chicago	RO3-1570
Ind	Jim [illegible]	5214 Forest Ave, Ft. Wayne, Ind	
Iowa	Douglas McKelsey	309 Fourth St, Clarion, Iowa	
Kan	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	
Me	Monahan & Co	P.O. Box 474, Norwood, Mass	NO7-5961
Md	Simberkoff Sales Co	175 Oakwood Ave. Orange, NJ	OR4-4100
Mass	Monahan & Co	P.O. Box 474, Norwood, Mass	NO7-5961
Mo	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	
Mont	Hyde Electronic Sales	888 S. Lipan St, Denver 23, Colo	WE6-3456
Neb	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	
Nev	Wm W Tompkins & Co	3944 El Camino Real, Palo Alto, Cal	DA6-7940
NH	Monahan & Co	P.O. Box 474, Norwood, Mass	NO7-5961
NJ	Simberkoff Sales Co	175 Oakwood Ave. Orange	OR4-4100
NM	Hyde Electronic Sales	888 S. Lipan St, Denver 23, Colo	WE6-3456
NY	Simberkoff Sales Co	175 Oakwood Ave. Orange, NJ	OR4-4100
NC	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	MI7-3498
Pa	Simberkoff Sales Co	175 Oakwood Ave. Orange, NJ	OR4-4100
RI	Monahan & Co	P.O. Box 474, Norwood, Mass	NO7-5961
SC	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	MI7-3498
Tenn	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	MI7-3498
Tex	Hyde Electronic Sales	888 S. Lipan St, Denver 23, Colo	WE6-3456
Utah	Hyde Electronic Sales	888 S. Lipan St, Denver 23, Colo	WE6-3456
Vt	Monahan & Co	P.O. Box 474, Norwood, Mass	NO7-5961
Va	Simberkoff Sales Co	175 Oakwood Ave. Orange, NJ	OR4-4100
Wisc	Ellinger Sales Corp	6540 Northwest Hwy, Chicago, 31, Ill	
Wyo	Hyde Electronic Sales	888 S. Lipan St, Denver 23, Colo	WE6-3456
Can	Simberkoff Sales Co	175 Oakwood Ave. Orange, NJ	OR4-4100
	GOERZ AMERICAN OPTICAL CO., C P	**461 Doughty Blvd, Inwood 96, NY**	**CE9-8700**
	K Ewer #12 *100 D 1015		
	GOLDAK CO., INC	**Dept E, 1554 W Glenoaks, Glendale, Cal**	**CH5-4571**
	895		
Conn	W H Brothwell	515 Prospect St, Torrington, Conn	HU2-1[illegible]
Ga	Davis Meter & Supply Co	418 S. Madison, Thomasville, Ga	CA6-5733
Ill	Universal Safety Equipment Co	5115 N. Diversey, Chicago, Ill	BE7-1900
Mich	Averill Equipment Co	1[illegible]25 [illegible] Ave, Detroit 34, Mich	FO6-24[illegible]
	GOLDEN CO	**1054-38th St, Brooklyn, NY**	**GE6-2476**
	I Golden *25 D 180-260-1120		
	GOLDING MFG. CO	**90 Poreta Ave. N. Arlington, NJ**	
	J Golding #1 *25 C 135-180-230-260-1125-1245-1390		
	GOLDSMAN CO	**1328-34 N. 4th St, Phila 22, Pa**	**PO5-4468**
	R Seger #2 *40 D 135-180-1220-1225		
Ariz	Wallace & Wallace Corp	1206 Maple Ave, Los Angeles	RI7-0401
Cal	Wallace & Wallace Corp	1206 Maple Ave, Los Angeles	RI7-0401
Conn	Cooper-Simon & Cooper	400 E 79th St, New York 21, NY	LE5-2900
Conn	Norman S Stachelek	94 Kenwood St, Kensington	VA8-4587
Ill	Edward A Bogue	3232 N Pucker Ft Rd, Niles, Mich	MU3-2092
Ind	Edward A Bogue	3232 N Pucker Ft Rd, Niles, Mich	MU3-2092
Mass	Keneth B Reidy	43 Quaboag Rd, West Acton	CO3-7146
Mass	Norman S Stachelek	94 Kenwood St, Kensington, Conn	VA8-4587
Mich	Edward A Bogue	3232 N Pucker Ft Rd, Niles	MU3-2092
Nev	Wallace & Wallace	1206 Maple Ave, Los Angeles, Cal	RI7-0401
NH	Keneth B Reidy	43 Quaboag Rd, West Acton, Mass	CO3-7146
NJ	M & S Electronics	P.O. Box 185, Haddonfield	PO5-0460
NJ	Cooper-Simon Cooper	400 E 79th St, New York 21, NY	LE5-2900
NY	Cooper-Simon & Cooper	400 E 79th St, New York 21	LE5-2900
Ohio	Sam Schustermann	P.O. Box 4311, Cleveland 32	RE2-9161
Pa	M & S Electronics	PO Box 185, Haddonfield, NJ	PO5-0460
RI	Keneth B Reidy	43 Quaboag Rd, West Acton, Mass	CO3-7146
Vt	Norman S Stachelek	94 Kenwood St, Kensington, Conn	VA8-4587
	GOMBOS CO., INC., JOHN	**Webro Rd, Clifton, NJ**	**PR3-6633**
	H Schatz #15 *175 E 220-670-895-1135-1735		
Ariz	Perlmuth Electronic Assoc	2359 E. Thomas Rd, Phoenix	AM4-4934
Cal	Perlmuth Electronics	5157 W. Washington Blvd, LA	WE1-1041
Nev	Perlmuth Electronic Assoc	5157 W. Washington Blvd, LA, Cal	WE1-1041
NM	Perlmuth Electronics	2745 San Mateo NE, Albuquerque	AM8-6797
Tex	Perlmuth Electronics	2745 San Mateo NE, Albuquerque, NM	AM8-6797
	GONSET DIV YOUNG SPRING & WIRE	**801 S. Main St, Burbank, Cal**	**VI9-2222**
	W Hunter #10 *500		
Ala	J E Joyner & Associates	Box 10821, Sta A, Atlanta, Ga	PL8-7496
Alaska	Burt Porter	1209 Poplar St, Seattle, Wash	EA3-8830
Ariz	Herb Becker	1140 Crenshaw Blvd, Los Angeles, Cal	WE1-1257
Ark	Maynard Sales Co	2013 Cedar Spring, Dallas 1, Tex	RI2-2027
Cal	Herb Becker	1140 Crenshaw Blvd, Los Angeles, Cal	WE1-1257
Colo	Hyde Electronics	888 S. Lipan St, Denver, Colo	WE6-3456
Conn	Anderson Sales Co	177 State St, Boston, Mass	CA7-2980
Del	D K Jones Co	31 E. 21st St. Baltimore, Md	HO7-3766
DC	D K Jones Co	31 E. 21st St Baltimore, Md	HO7-3766
Fla	J E Joyner & Associates	Box 10821, Sta A, Atlanta, Ga	PL8-7496
Ga	J E Joyner & Associates	Box 10821, Sta A, Atlanta, Ga	PL8-7496

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Idaho	Burt Porter	1209 Poplar St, Seattle, Wash	EA3-8830
Ill	Jack West	6747 N. Octavia Ave, Chicago, Ill	RO3-3500
Ind	Delta Sales Co	2136 E. 52nd St. Indpls	CL1-3564
Iowa	Maury Bettis	406 W. 34th St, Kansas City, Mo	LO1-0772
Kan	Maury Bettis	406 W. 34th St, Kansas City, Mo	LO1-0772
Ky	Delta Sales Co	2136 E. 52nd St. Indpls, Ind	CL1-3564
La	Maynard Sales Co	2013 Cedar Springs, Dallas 1, Tex	RI2-2027
Me	Anderson Sales Co	177 State St, Boston, Mass	CA7-2980
Md	D K Jones Co	31 E. 21st St. Baltimore	HO7-3766
Mass	Anderson Sales Co	177 State St, Boston, Mass	CA7-2980
Mich	Jack Thorpe	640 Hidden Ln, Detroit, Mich	TU4-43600
Minn	Stan Clothier Co	12 W. 58th St, Mpls 19	TA5-1234
Miss	J E Joyner & Associates	Box 10821, Sta A, Atlanta, Ga	PL8-7496
Mo	Maury Bettis	406 W. 34th St, Kansas City, Mo	LO1-0772
Mont	Burt Porter	1209 Poplar St. Seattle, Wash	EA3-8830
Neb	Hyde Electronics	888 S. Lipan St, Denver, Colo	WE6-3456
Nev	Herb Becker	1140 Crenshaw Blvd. Los Angeles, Cal	WE1-1257
NH	Anderson Sales Co	177 State St, Boston, Mass	CA7-2980
NJ	M Beltan Sales Co	77-15 164th St. Flushing, NY	OL7-6659
NM	Hyde Electronics	888 S. Lipan St, Denver, Colo	WE6-3456
NY	M Beltan Sales Co	77-15 164th St. Flushing	OL7-6659
NY	R W Mitscher	487 Ellicott Sq Bldg, Buffalo, NY	WA2-517
NC	J E Joyner & Associates	Box 10821, Sta A, Atlanta, Ga	PL8-7496
ND	Stan Clothier Co	12 W. 58th St. Mpls, Minn	TA1-2345
Ohio	Neal Bear Corp	3435 Streetsboro Rd, West Richfield	OL9-3331
Okla	Maynard Sales Co	2013 Cedar Springs, Dallas, Tex	RI2-2027
Ore	Burt Porter	1209 Poplar St, Seattle, Wash	EA3-8830
Pa	D K Jones Co	31 E. 21st St. Baltimore, Md	HO7-3766
Pa	Neal Bear Corp	3435 Streetsboro Rd, West Richfield, Ohio	OL9-3331
RI	Anderson Sales Co	177 State St, Boston, Mass	CA7-2980
SC	J E Joyner & Associates	Box 10821, Sta A, Atlanta, Ga	PL8-7496
SD	Stan Clothier Co	12 W. 58th St. Mpls, Minn	TA1-2345
Tenn	J E Joyner & Associates	Box 10821, Sta A, Atlanta, Ga	PL8-7496
Tex	Maynard Sales Co	2013 Cedar Springs, Dallas, Tex	RI2-2027
Utah	Hyde Electronics	888 S. Lipan St, Denver, Colo	WE6-3456
Vt	Anderson Sales Co	177 State St, Boston, Mass	CA7-2980
Va	D K Jones Co	31 E. 21st St. Baltimore, Md	HO7-3766
Wash	Burt Porter	1209 Poplar St, Seattle, Wash	EA3-8830
W. Va	Neal Bear	3435 Streetsboro, West Richfield, Ohio	OL9-3331
Wisc	Jack West	6747 N. Octavia Ave, Chicago, Ill	RO3-3500
Wyo	Hyde Electronics	888 S. Lipan St, Denver, Colo	WE6-3456
For	Westrex Corp	540 W. 58th St. NY, NY	JU2-3030
Can	R Buckland Co	Box 563, Chatham, Ont	EL4-3106
	GOOD-ALL ELECTRIC MFG CO	**112 W. 1st St, Ogallala, Neb**	**28-4-3611**
	E Sheridan #21 *625 F 220-320-895		
Ala	Murphy & Cota	Lane Plaza Huntsville	JE6-9121
Ariz	Jewett Co	31 "B" St. Scottsdale	WH5-9711
Ark	E F Aylond Co	3915 Lemmon Ave. Dallas, Tex	LA6-5233
Cal	Good-All Elec. Mfg. Co	8433 Fallbrook Ave. Canoga Park	TR3-6700
Cal	Gene F Straube Co	1180 Sesame, Sunnyvale	RE9-8640
Colo	Allen I Williams Co	2263 S. Albion St, Denver 22, Colo	SK6-9403
Conn	Drew Assoc. Inc	Box 432, Milford	UN5-4215
Del	Brown-Frederick & Assoc. Inc	220 S. Easton Rd. Glenside, Pa	TU7-1325
DC	Potomac Electronics Inc	1025 N. Royal St. Alexandria, Va	TE6-8666
Fla	Murphy & Cota	2319 E. South St. Orlando	GA4-2167
Ga	Murphy & Cota	Lane Plaza, Huntsville, Ala	JE6-9121
Idah	Staffer & Nelson Inc	1415 S. Main St. Salt Lake City, Utah	HU4-3382
Ill	Menac Sales Co	4740 N. Austin, Chicago, Ill	KI5-1033
Ill	E B Schwerin Co	4210 Main St. KC, Mo	WE1-7564
Ind	Robert O Whitesell & Associates	6620 E. Washington, Indianapolis 1, Ind	FL9-5374
Iowa	E B Schwerin Co	4210 Main St. KC, Mo	WE1-7564
Kan	E B Schwerin Co	4210 Main St. KC, Mo	WE1-7564
Ky	Robert O Whitesell & Associates	6620 E. Washington, Indianapolis, Ind	FL9-5374
Ky	R O Whitesell & Assoc	417 N. 34th St. Louisville	FL9-5374
La	E F Aylond Co	3915 Lemmon Ave. Dallas, Tex	LA6-5233
Me	Drew Assoc. Inc	Box 467, Bedford, Mass	CR4-7232
Md	Potomac Electronics Inc	1025 N. Royal St. Alexandria, Va	TE6-8666
Mass	Drew Assoc. Inc	Box 467, Bedford	CR4-7232
Mich	Hemscher Jensen & Co	2942 W. Grand Blvd, Detroit 2, Mich	TR1-0308
Minn	Northport Engineering Inc	1729 Selby Ave, St. Paul, Minn	MI6-2621
Miss	Murphy & Cota	250 Governor's Dr. SE. Huntsville, Ala	JE6-9121
Mo	E B Schwerin	4210 Main St. Kansas City, Mo	WE-7564
Neb	E B Schwerin	4210 Main St, Kansas City, Mo	WE-7564
Nev	Sheffer & Nelson	1001 SE. Water Ave. Portland 14, Ore	BE4-7437
NH	Drew Assoc. Inc	Box 467, Bedford, Mass	CR4-7232
NJ	Paul D Aaron	Prof Bldg, Pt. Wash Blvd, New York, NY	7-8480
NM	A I Williams Co	3221 Silver Ave. SE. Albuquerque	5-9632
NY	Paul D Aaron	Prof Bldg, Pt. Wash Blvd, New York, NY	7-8480
NY	L D Allen	Box 32, Salina Sta. Syracuse 8	GR1-3108
NC	Murphy & Cota	1106 Burke St. Winston Salem	PA4-0750
ND	Northport Eng. Inc	1729 Selby Ave. St. Paul, Minn	MI6-2621
Ohio	Bmlv Greenleaf & Associates Inc	14700 Detroit Ave, Cleveland, Ohio	AC1-9030
Okla	E F Aylond Co	3915 Lemmon Ave. Dallas, Tex	LA6-5233
Ore	Sheffer & Nelson	1001 S.E. Water Ave, Portland 14, Ore	BE4-7437
Pa	Lowry-Dietrich Co	703 Clairton Blvd. Pittsbgh 36	TU1-2228
Pa	Brown-Frederick & Assoc	220 S. Easton Rd. Glenside	TU7-1325
RI	Drew Assoc. Inc	Box 467, Bedford, Mass	CR4-7232
SC	Murphy & Cota	1106 Burke St. Winston Salem, NC	PA4-0750
SD	Northport Eng. Inc	1729 Selby Ave. St. Paul, Minn	MI6-2621
Tenn	Murphy & Cota	1106 Burke St. Winston Salem, NC	PA4-0750
Tex	E F Aylond Co	3915 Lemmon Ave. Dallas	LA6-5233
Utah	Sheffer & Nelson Inc	1415 S. Main St. Salt Lake City	HU4-3382
Vt	Drew Assoc. Inc	Box 467, Bedford, Mass	CR4-7232
Va	Potomac Electronics Inc	1025 N. Royal St. Alexandria	TE6-8666
Wash	Sheffer & Nelson Inc	2000 Occidental Ave. Seattle 4	MU2-0186
W Va	Lowry-Dietrich Co	703 Clairton Blvd. Pittsbgh 36, Pa	TU1-2228
Wis	E A Dickinson & Assoc	4117 N. Greenbay Ave. Milwaukee	CO4-1080
Wyo	Allen I Williams Co	2263 S. Albion St, Denver 22, Colo	SK6-9403
	GOOD ELECTRONIC CORP	**Box 2404, W. Palm Beach, Fla**	**VI8-3241**
	L F Good Sr #5 *17 B 110-280-338-585-895-1150-1530		
Ala	Fred Wamble Co	3067 Sherwood Dr. Huntsville	AM2-1573
Mass	E Mathes	P.O Box 235, Bedford, Mass	
For	Masters Overseas Inc	154 Nassau St. NY 38	
	GOODMANS INDUSTRIES LTD	**Axiom Wks, Wembley, Middlesex, Eng**	**WE1200**
	L Watts #24 *400 B 338-895-1675-1935		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Instrumentation Sales Inc	5002 Crenshaw Blvd. LA	
NY	Rockbar Corp	650 Halstead Ave, Mamaroneck, NY	OW8-7300
Pa	S & S Assoc. Inc	Box 6, King of Prussia	
	GOODRICH AVIATION PRODUCTS, B F, DIV B F GOODRICH CO	**Akron, Ohio**	**BL3-1171**
	E Finck #350 *1900 G 30-80-645-1490-1545-1735		
Cal	B F Goodrich Aviation Products	5400 E. Olympic Blvd, Los Angeles	RA3-6111
Cal	B F Goodrich Aviation Products	1112-19 St, N.W., Washington 6, DC	RE7-3414
Ga	B F Goodrich Aviation Products	1721 Dekalb Ave, N.E., Atlanta 2, Ga	DR8-4561
Ill	B F Goodrich Aviation Products	4646 W. Lake St, Chicago 44, Ill	ES8-8800
Kan	B F Goodrich Aviation Products	2831 E. Central Ave, Wichita 2, Kan	MU4-6114
NY	B F Goodrich Aviation Products	501 S. Broadway, Hicksville, NY	WE1-7120
Ohio	B F Goodrich Aviation Products	118 W. First St, Dayton 2, Ohio	BA2-8643
Utah	B F Goodrich Aviation Products	1771 S. 450 W. St. Salt Lake City	HU7-7435
Wash	B F Goodrich Aviation Products	1 Hanford St, Seattle 4, Wash	MU2-4304
	B F GOODRICH INDUSTRIAL PRODUCTS CO	**500 S. Main St, Akron 18, Ohio**	**BL3-1171**
	*15000 30-315-750-900-1170-1240-1293-1505-1755		
Cal	B F Goodrich Ind Prods Co	PO Box 24001, S F 24	JU6-9050
Cal	B F Goodrich Ind Prods Co	Box 2602, Term Annex, Los Angeles	RA3-6692
Colo	B F Goodrich Ind Prods Co	P.O. Box 417, Denver 1, Cal	TA5-1267
DC	B F Goodrich Ind Prods Co	1112 19th St. NW, Wash 6	FE8-2304
Ga	B F Goodrich Ind Prods Co	P.O. Box 4509 Atlanta 2, Ga	DR8-4561
Ill	B F Goodrich Ind Prods Co	4646 W. Lake St, Chicago 44, Ill	ES8-8800
Mass	B F Goodrich Ind Prods Co	P.O. Box 106, Needham Heights, Mass	HI4-6100
Mich	B F Goodrich Ind Prods Co	16500 Oakwood Blvd, Allen Park, Mich	CR8-7000
Minn	B F Goodrich Ind Prods Co	300 Turners Crsrd, S. Minneapolis 16	LI5-2507
Mo	B F Goodrich Ind Prods Co	975 Walton Rd. St Louis 14	MA9-4300
NY	B F Goodrich Ind Prods Co	230 Park Ave, New York 17, NY	OR9-0330
Ohio	B F Goodrich Ind Prods Co	P.O. Box 3507, Columbus, Ohio	AM8-8631
Pa	B F Goodrich Ind Prods Co	955 E Erie Ave. Phila 34	JE5-5800
Tex	B F Goodrich Ind Prods Co	P.O. Box 6185, Dallas, Tex	RI1-5601
	GOODRICH SPONGE PRODUCTS, B. F.	**Shelton, Conn**	**RE5-4661**
	T Burns #4 *1500 G 250-1135-1220		
Alas	Intl. B F Goodrich Co	500 S. Main St. Akron, Ohio	BL3-1171
Ariz	B F Goodrich Sponge Prods	742 E. 60th St. LA, Cal	AD2-4146
Ark	Texas Avionics Co	4515 Prentice St. Dallas, Tex	EM8-3566
Cal	B F Goodrich Sponge Prods	742 E. 60th St. LA	AD2-4146
Colo	Hytronic Measurements Inc	1295 S. Bannock St. Denver 23	
Haw	Intl. B F Goodrich Co	500 S. Main St. Akron, Ohio	BL3-1171
Idah	Seatronics Inc	1817 Norman St. Seattle, Wash	EA3-8545
Kan	Technical Sales Co	6325 E. Indpls. Wichita	MU2-8730
La	Texas Avionics Co	4515 Prentice St. Dallas, Texas	EM8-3566
Mo	Technical Sales Co	6325 E. Indpls. Wichita, Kan	MU2-8730
Mont	Seatronics Inc	1817 Norman St. Seattle, Wash	EA3-8545
Neb	Technical Sales Co	6325 E. Indpls. Wichita, Kan	MU2-8730
NJ	CDB Enterprises Inc	501 Broadway, Hicksville, NY	WE8-8644
NM	Hytronic Measurements Inc	1295 S. Bannock St. Denver 23, Colo	
NY	CDB Enterprises Inc	501 Broadway, Hicksville	WE8-8644
Okla	Texas Avionics Co	4515 Prentice St. Dallas, Texas	EM8-3566
Ore	Seatronics Inc	1817 Norman St. Seattle, Wash	EA3-8545
Pa	CDB Enterprises Inc	501 Broadway, Hicksville, NY	WE8-8644
SD	Hytronic Measurements Inc	1295 S. Bannock St. Denver 23, Colo	
Tex	Texas Avionics Co	4515 Prentice St. Dallas	EM8-3566
Utah	Hytronic Measurements Inc	1295 S. Bannock St. Denver 23, Colo	
Wash	Seatronics Inc	1817 Norman St. Seattle	EA3-8545
Wyo	Hytronic Measurements Inc	1295 S. Bannock St. Denver 23, Colo	
For	Intl. B F Goodrich Co	500 S. Main St. Akron, Ohio	BL3-1171
	GOODYEAR AIRCRAFT CORP	**1210 Massillon Rd, Akron 15, Ohio**	
	45-338-340-775-885-1135-1395-1610		
Ariz	L E Stillwell	Litchfield Park, Ariz	WE5-9331
Cal	P G Verhoeven	Box 3339, Term Annex, Los Angeles 54	LU3-3083
	GOODYEAR TIRE & RUBBER CO, CHEMICAL DIV	**1144 E. Market St, Akron 16, Ohio**	**FR6-1411**
	C McNeer *100 000 30-315-460-1290-1505		
Cal	J B Williams	1717 Harrison St, San Francisco 3, Cal	UN1-3773
Cal	James + Morrison	6256 E. Washington Blvd, Los Angeles	RA3-0611
Conn	A F Lerner	18 Goodwin St, East Hartford 8, Conn	BU9-3424
Ga	J S Price	2765 Piedmont Rd, NE, Atlanta 5, Ga	CE7-4611
Ill	R R Kay	141 W. Ohio St, Chicago 10, Ill	MI2-8800
Mass	J M Hussey	66 "B" St, Needham Hts, Mass	HI4-3900
Mich	J R Kelly	6500 Mt. Elliott Ave, Detroit 11, Mich	WA1-7900
Minn	C H Smith	5100 W. 35th St. Mpls	WA7-7381
Mo	J D Hunter	1504 Page Blvd, St. Louis 8, Mo	HA9-4000
NY	D E Kress	417 Park Ave, New York 22, NY	PL1-6800
NC	C P Moore	529 Wy St, Charlotte 8, NC	ED3-1161
Ohio	R Wallace	P.O. Box 318, Berea, Ohio	CL2-3000
Ore	R B Williams	2715 NW 35th Ave, Portland 10, Ore	CA6-2951
Pa	J W Bell	2700 N. Broad St. Philadelphia 32, Pa	BA8-8500
Tex	J Palmer	5544 Armour Drive, Houston 20, Tex	WA3-5541
	GORDON ENTERPRISES	**5362 N. Cahuenga, N. Hollywood, Cal**	**PO6-3725**
	K Kaipo #7 *100 E 35-70-200-255-360-553-665-885-895-1015-1020-1075-1210-1260-1430-1740-1760-1810		
Ariz	Arizona Photo Center	1633 E McDowell, Phoenix	AL4-5616
Ore	Vince Johnson Co	26 4 E 89th St. Seattle 15, Wash	LA4-4595
Wash	Vince Johnson Co	26 4 E 89th St. Seattle 15	LA4-4595
For	Tom Gately	4844 Cordell Ave, Bethesda 14, Md	
For	A-1 Film Co, Ltd	160-164 Phayre St. Rangoon, Burma	
For	Dietrich & Co, Ltd	Bangkok, Thailand	
For	Technische Handelmij, Hollanda N.V.	Laage Vijverberg 13, The Hague	
For	Equipments D'Avions & D'Aerodromes	11, Rue Tronchet, Paris, Fr	
For	Raffele Silvagni	Via Delle Carrozze 55, Rome, Italy	
For	Axel Falck Eng & Trading Co, Ltd	Stormgade 35, Copenhagen V, Den	
	GORDOS CORP	**250 Glenwood Ave, Bloomfield, NJ**	**PI3-6800**
	G Marchev #4 *55 D 1735-1880		
Ala	J Rudisill Assoc	2009 N. Tryon St. Charlotte 6, NC	FR6-4792
Cal	P Nardus Co	2391 E. Foothill Blvd. Pasadena	MU1-8957
Fla	H R Green & Co	619 Riverside Dr. Ormond Beach	OR7-0728
Ill	Rockford Controls Co	324 Woodstock Ave. Glen Ellyn	HO9-6016
Ind	Rockford Controls Co	324 Woodstock Ave. Glen Ellyn, Ill	HO9-6016

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Iowa	Rockford Controls Co	324 Woodstock Ave. Glen Ellyn, Ill	HO9-6016
Kan	Gordon Fixman Engineering Co	8160 Stanford Ave, St. Louis 24, Mo	PA5-5219
Me	John P Connelly Jr	10 Rutgers Rd, Wellesley 81, Mass	CE5-0129
Mass	John P Connelly Jr	10 Rutgers Rd, Wellesley 81, Mass	CE5-0129
Minn	Rockford Controls Co	324 Woodstock Ave. Glen Ellyn, Ill	HO9-6016
Mo	Gordon Fixman Engineering Co	8160 Stanford Ave, St. Louis 24, Mo	PA5-5219
NH	John P Connelly Jr	10 Rutgers Rd, Wellesley 81, Mass	CE5-0129
NJ	Murray Co., The	25 W. Northfield Rd, Livingston, NJ	WY2-0520
NY	Murray Co., The	25 W. Northfield Rd, Livingston, NJ	WY2-0520
NY	M C Matthews Co	Box 612, Rochester 2	BR1-2143
NC	J Rudisill Assoc	2009 N. Tryon St. Charlotte 6	FR6-4792
Ohio	Rockford Controls Co	2628 N. Glen Ave. Westlake	IV6-3500
Pa	Murray Co., The	25 W. Northfield Rd, Livingston, NJ	WY2-0520
Pa	Rockford Controls Co	324 Woodstock Ave. Glen Ellyn, Ill	HO9-6016
RI	John P Connelly Jr	10 Rutgers Rd, Wellesley 81, Mass	CE5-0129
SC	J Rudisill Assoc	2009 N. Tryon St. Charlotte 6, NC	FR6-4792
Tenn	J Rudisill Assoc	2009 N. Tryon St. Charlotte 6, NC	FR6-4792
Tex	Corwin Assoc	Box 18112 Dallas 18	DI8-4623
Vt	John P Connelly Jr	10 Rutgers Rd, Wellesley 81, Mass	CE5-0129
Va	J Rudisill Assoc	2009 N. Tryon St. Charlotte 6, NC	FR6-4792
Wis	Rockford Controls Co	324 Woodstock Ave. Glen Ellyn, Ill	HO9-6016
Can	A T R Armstrong Ltd	700 Weston Road, Toronto 9, Ont	RO2-7535
	GORE & ASSOC INC., W L	**555 Paper Mill Rd, Newark, Del**	**EN8-9183**
	R Urquhart #4 *50 D 190-1960		
Ariz	Costello & Co	2740 S. LaCienega Blvd, L A 34, Cal	UP0-8537
Ark	Texas Avionics Co	5738 N. Central Expwy, Dallas 6, Tex	TA6-2354
Cal	Costello & Co	2740 S. LaCienega Blvd, L A 34, Cal	UP0-8537
Cal	Costello & Co	535 Middlefield Rd, Palo Alto, Cal	TA6-2354
Colo	B K Wheatlake Co	1318 S. Milwaukee, Denver 10, Colo	RA2-9117
Conn	V J Huntoon Associates Inc	908 Belmont Ave, Springfield 8, Mass	ST8-8516
Ill	Bard Associates, Inc	328 Sellmore Rd, Riverside, Ill	HI7-7555
Ind	Roger E Schlemmer	8442 Curzon Ave, Cincinnati 16, Ohio	PO1-2916
Me	V J Huntoon Associates Inc	908 Belmont Ave, Springfield 8, Mass	ST8-8516
Mass	V J Huntoon Associates Inc	908 Belmont Ave, Springfield 8, Mass	ST8-8516
Mo	Lynn Elliott Co	832 Law Bldg, Kansas City, Mo	HI7-7555
NH	V J Huntoon Associates Inc	908 Belmont Ave, Springfield 8, Mass	ST8-8516
NJ	Tyler Griffin Co	32 S Fairfield Rd, Devon, Pa	MU8-4021
NM	B K Wheatlake Co	1318 S. Milwaukee St, Denver 10, Colo	RA2-9117
NY	S R Morrow Co	P.O. Box 376, Chatham, NJ	ME5-7980
NY	Leo Jacobson Co	1366 Kenmore Ave, Buffalo 23	DE0442
Ohio	Roger E Schlemmer	8442 Curzon Ave, Cincinnati 16, Ohio	PO1-2916
Okla	Texas Avionics Co	5738 N. Central Expwy, Dallas 6, Tex	TA6-2354
Pa	Tyler Griffin Co	32 S Fairfield Rd, Devon, Pa	MU8-4821
RI	V J Huntoon Associates Inc	908 Belmont Ave, Springfield 8, Mass	ST8-8516
Tex	Texas Avionics Co	4515 Prentice St, Dallas 6, Tex	EM8-3566
Utah	T R Van Wagoner	1415 S Main St, Salt Lake City, Utah	
Wash	Martin J Poggi	P.O. Box 587, Bellevue, Wash	GL4-5648
Canada	Arflite Components Co	71 Dixon Rd, Weston, Toronto 15, Ont, Can	CH1-5533
For	Comerso S A	30 Boul D Bonne Nouvelle, Paris, Fr	PR33-07
	GORHAM ELECTRONICS, DIV OF GORHAM MFG CO	**333 Adelaide Ave, Providence 7, RI**	**WI1-1000**
	45-233-500-1135		
Ariz	Carl Hower & Co	369 N Craftsman's Ct. Scottsdale	WH5-2471
Cal	James Spindle	7111 Belgrove Ave. Huntington Park	LU7-2331
Colo	E M F Assoc	Box 8, Englewood	SU9-9592
Del	W H Duvall	1625 Eye St, NW, Washington 6, DC	DI7-1255
DC	W H Duvall	1625 Eye St, NW, Washington 6	DI7-1255
Ill	F Richard Nale	5638 S Keeler St. Chicago 29	587-1177
Ind	F Richard Nale	5638 S Keeler St. Chicago 29, Ill	587-1177
Iowa	F Richard Nale	5638 S Keeler St. Chicago 29, Ill	587-1177
Md	W H Duvall	1625 Eye St, NW, Washington 6, DC	DI7-1255
Mich	F Richard Nale	5638 S Keeler St. Chicago, Ill	587-1177
Minn	F Richard Nale	5638 S Keeler St. Chicago, Ill	587-1177
Mont	E M F Assoc	Box 8, Englewood, Colo	SU9-9592
NJ	CDB Enterprises Inc	508 Broadway, Hicksville, NY	WE8-8644
NY	CDB Enterprises Inc	508 Broadway, Hicksville, NY	WE8-8644
NC	I S Broski	911 Knollwood St. Winston-Salem	PA3-7872
Ohio	Harold Moyer	755 Salem Rd. Dayton	AX9-3508
Ore	Avionics Liaison Inc	6770 Perimeter Rd. S Seattle 8, Wash	PA3-7602
Pa	CDB Enterprises Inc	508 Broadway, Hicksville, NY	WE8-8644
SC	I S Broski	911 Knollwood St. Winston-Salem, NC	PA3-7872
Tex	Scott Technical Sales	Box 35324, Dallas 35	FL2-7698
Utah	E M F Assoc	Box 8, Englewood, Colo	SU9-9592
Va	W H Duvall	1625 Eye St, NW, Washington 6, DC	DI7-1255
Wis	F Richard Nale	5638 S Keeler St. Chicago, Ill	587-1177
Wyo	E M F Assoc	Box 8, Englewood, Colo	SU9-9592
•	**GORMAN MACHINE CORP**	**480 S. Main St, Randolph, Mass**	**WO3-7333**
	H Seldon #2 *20 C 1075		
Ariz	J S Trier & Assoc	208 Standard St. El Segundo, Cal	EA2-5547
Cal	J S Trier & Associates	208 Standard St, El Segundo, Cal	EA2-5547
Colo	J S Trier & Assoc	208 Standard St. El Segundo, Cal	EA2-5547
Idah	J S Trier & Assoc	208 Standard St. El Segundo, Cal	EA2-5547
Ill	H G Pretat, Inc	4 N Cicero Ave. Chicago	CO1-3146
Ind	H G Pretat, Inc	4 N Cicero Ave. Chicago, Ill	CO1-3146
Iowa	H G Pretat, Inc	4 N Cicero Ave. Chicago, Ill	CO1-3146
Mich	H G Pretat, Inc	4 N Cicero Ave. Chicago, Ill	CO1-3146
Minn	H G Pretat, Inc	4 N Cicero Ave. Chicago, Ill	CO1-3146
Mont	J S Trier & Assoc	208 Standard St. El Segundo, Cal	EA2-5547
Nev	J S Trier & Assoc	208 Standard St. El Segundo, Cal	EA2-5547
NJ	Sidney Zlotnick Assoc	540 E 23rd St. Paterson	AR4-5054
NM	J S Trier & Assoc	208 Standard St. El Segundo, Cal	EA2-5547
NY	Sidney Zlotnick Assoc	540 E 23rd St. Paterson, NJ	AR4-5054
Ore	J S Trier & Assoc	208 Standard St. El Segundo, Cal	EA2-5547
Tex	J S Trier & Assoc	208 Standard St. El Segundo, Cal	EA2-5547
Utah	J S Trier & Assoc	208 Standard St. El Segundo, Cal	EA2-5547
Wash	J S Trier & Assoc	208 Standard St. El Segundo, Cal	EA2-5547
Wis	H G Pretat, Inc	4 N Cicero Ave. Chicago, Ill	CO1-3146
Wyo	J S Trier & Assoc	208 Standard St. El Segundo, Cal	EA2-5547
For	Leesona Corp	1655 Elmwood Ave. Cranston, RI	WI1-5200
•	**GORN ELECTRONICS DIV., GORN ELEC CO INC**	**845 Main St. Stamford, Conn**	**FI8-7591**
	L Romely #7 *125 E 345		
Cal	Calrepco	1417 Georgia St. LA 15	RI9-4435
Colo	Landes Zachary & Peterson Co	401 S. Jason St, Denver 23, Colo	SH4-1311

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Conn	Carr Associates	343 Barbara Rd, Middletown, Conn	DI7-6654
Fla	Massey Assoc	1224 E Colonial Dr. Orlando	GA4-5744
Ill	Wasson & Gallagher	1024 North Blvd. Oak Park	EU3-6572
Kan	D & O Engineering Co	P.O. Box 3107, Wichita, Kan	AM2-3052
Mass	Electronic Component Engineers	PO Box 72, N Abington	TR8-3072
NJ	Mel Schwartz	39-16 Tiemy Pl. Fairlawn	SW7-3435
NM	Landes Zachary & Peterson Co	5900 Domingo, N.E., Albuquerque, NM	AL7-7873
NY	Mel Schwartz	39-16 Tiemy Pl. Fairlawn, NJ	SW7-3435
Ohio	Components Engineering Co	7461 N. Linden Ave, Cleveland, Ohio	VI2-2737
Ore	Burt C Porter Co	P.O. Box 7854, Portland 12, Ore	AT4-1718
Pa	Massey Assoc	529 Brookhurst Ave. Narberth	MO4-4200
Tex	Landes Zachary & Peterson Co	2137 Mills St, El Paso, Tex	KE3-9060
Utah	Landes Zachary & Peterson Co	1472 American Ave, Salt Lake City, Utah	HU7-7873
Wash	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Wash	Massey Assoc	6607 Riverdale Rd. Riverdale, Md	AP7-1023
Canada	Winnett-Boyd Ltd	745 Mt. Pleasant Rd, Toronto, Canada	HU1-3722
	GOSLIN ELECTRIC & MFG CO	**2921 W. Olive St, Burbank, Cal**	**VI9-3025**
	320-1855		
	GOTHAM AUDIO CORP	**2 W. 46 St, New York 36, NY**	**CO5-4111**
	S Temmer #2 *10 D 20-50-555-805-810-895-1130-1270-1440-1855-1905		
Cal	Gotham Audio Corp	1710 N LaBrea, Hollywood 28	HO5-4111
	GOW-MAC INSTRUMENT CO	**100 Kings Rd, Madison, NJ**	**FR7-3450**
	C 235-895-1340		
Cal	Carl Hermann Associates	557 E. Walnut St, Pasadena, Cal	
Cal	Carl Hermann Associates	P.O. Box 1179, Palo Alto, Cal	
La	J K Moore Co	3113 Leeland Ave, Houston 3, Tex	
Nev	Carl Hermann Associates	557 E. Walnut St, Pasadena, Cal	
NM	Carl Hermann Associates	319-2A W. San Francisco, Santa Fe, NM	
Ore	Carl Hermann Associates	P.O. Box 1179, Palo Alto, Cal	
Tex	J K Moore Co	3113 Leeland Ave, Houston 3, Tex	
Wash	Carl Hermann Associates	P.O. Box 1179, Palo Alto, Cal	
	GRACE & CO., W R, DAVISON CHEMICAL DIV	**Box 218, Erwin, Tenn**	**PI2-1721**
	E Johnson G 265-1125		
	GRACE ELECTRONIC CHEMICALS INC	**101 N. Charles St, Baltimore 1, Md**	**PL2-7699**
	J Gately 1125		
Ariz	Chafin & Associates	1541 W. Olympic Blvd, Los Angeles, Cal	DU5-3955
Cal	Chafin & Associates	1541 W. Olympic Blvd, Los Angeles, Cal	DU5-3955
	GRAFO COLLOIDS CORP	**P.O. Box 195, Sharon, Pa**	**DI6-5023**
	E Willson 760		
Cal	C W Hunt & Son	564 Howard St, San Francisco 5, Cal	GA1-5029
Cal	McGowan Co., Inc	1205 S. Boyle Ave, Los Angeles 23, Cal	AN3-7575
Ill	P W Wendt & Sons	431 S. Dearborn St, Chicago, Ill	HA7-2827
Mich	H E Evans	336 Dover Rd, Pontiac, Mich	
NY	Bert Tidd & I P Ridley	P.O. Box 24, Auburn, NY	
NY	Pavelle Trading	220 W. 42nd St, New York 36, NY	
Ohio	Bob Schroy	1066 Emma Ave. Akron	
Ohio	Wallace J Keith	14 Kammer Ave. Dayton 17	
Pa	Ronald R States	R D #3 Richland Rd, Gibsonia, Pa	
Canada	Stephen S Barber	1415 St, Mark St, Montreal, Quebec, Canada	
Canada	L S Hancock	1201 Venables St. Vancouver 6, BC, Canada	
	GRAHAM MFG CO., INC	**470 Bridge St, E. Greenwich, RI**	**TU4-5750**
	285-345-1135-1170		
	GRALLEN ELECTRONIC DIV. CLEGG INC	**Hoover & Ridgedale, Morristown, NJ**	
	670		
	GRAND TRAN, INC	**Paw Paw Ave. Benton Harbor, Mich**	**WA5-0380**
	K Retzloff *22 C 320-1855		
Ark	W T Blackburn Assoc	Box 13073, Dallas 20, Tex	FL1-0230
Ind	Willard Spenser Co., The	20144 Livernois, Detroit 21, Mich	UN3-5189
Mich	Willard Spenser Co., The	20144 Livernois, Detroit 21	UN3-5189
NJ	Thomas E Stewart Co	Broadway & Stiles, Maple Shade	NO3-3433
NY	Gislason Sales, Inc	617 Case Bldg. Rochester 4	LO2-8323
NY	Eliot Schwartzman	135 Sperry Blvd. New Hyde Park	FL4-4108
Ohio	Willard Spenser Co., The	20144 Livernois, Detroit 21, Mich	UN3-5189
Pa	Thomas E Stewart Co	Broadway & Stiles, Maple Shade, NJ	NO3-3433
Tex	W T Blackburn Assoc	Box 13073, Dallas 20	FL1-0230
	GRAND TRANSFORMERS INC	**Hoy St. Grand Haven, Mich**	**842-5430**
	K Retzlaff #3 *75 D 320-1855		
Ark	W T Blackburn Assoc	Box 13073, Dallas 20, Tex	FL1-0230
Ind	Willard Spenser Co., The	20144 Livernois, Detroit 21, Mich	UN3-5189
Mich	Willard Spenser Co., The	20144 Livernois, Detroit 21, Mich	UN3-5189
NJ	Thomas E Stewart Co	Broadway & Stiles, Maple Shade	NO3-3433
NY	Eliot Schwartzman	135 Sperry Blvd. New Hyde Park	FL4-4108
NY	Gislason Sales, Inc	617 Case Bldg. Rochester 4	LO2-8323
Ohio	Willard Spenser Co., The	20144 Livernois, Detroit 21, Mich	UN3-5189
Okla	W T Blackburn Assoc	Box 13073, Dallas 20, Tex	FL1-0230
Pa	Thomas E Stewart Co	Broadway & Stiles, Maple Shade, NJ	NO3-3433
Tex	W T Blackburn Assoc	Box 13073, Dallas 20, Tex	FL1-0230
	GRANGER ASSOCIATES	**974 Commercial St, Palo Alto, Cal**	**DA1-4175**
	J Bellard #25 *100 E 45-325-385-895-1135-1145-1150-1340-1395-1410-1425-1845-1855-1870		
Del	Fred F Bartlett & Co	734 15th St. Washington 5, DC	EX3-6242
DC	Fred F Bartlett & Co	734 15th St. Washington 5, DC	EX3-6242
Haw	Hastin Sales Corp	235 Cooke St. Honolulu 5	511-755
Md	Fred F Bartlett & Co	734 15th St. Washington 5, DC	EX3-6242
NJ	Fred F Bartlett & Co	18 West Ave. Wayne, Pa	MU8-7325
Pa	Fred F Bartlett & Co	18 West Ave, Wayne, Pa	MU8-7325
Va	Fred F Bartlett & Co	734 15th St. Washington 5, DC	EX3-6242
	GRANT GEAR WORKS INC	**154 W. 2nd St. S. Boston, Mass**	**AN8-4403**
	F Emery #4 *100 E 755		
	GRANT PULLEY & HARDWARE CORP	**135 High St, West Nyack, NY**	**EL8-4400**
	W Linden #20 *250 F 785-1620		
Ala	Gentry Assoc	1851 Oak Ln. Orlando, Fla	
Ariz	Kay Co., The	708 E 9th, Tucson	CR9-5241
Cal	C R Dalton Associates	1037 Laurel St, San Carlos, Cal	LY1-2654
Cal	Rush & Key Electronics Inc	3376 W 1st St. L A 4	DU8-7111
Colo	R E Cathey Co	1789 Fulton St. Denver 8	
Conn	John P Vissman & Assoc	258 Broad St. Lynn, Mass	LY8-5793
Del	Robert Saunders	5218 Reisterstown Rd, Baltimore 15, Md	MO4-9491
DC	Robert Saunders	5218 Reisterstown Rd, Baltimore 15, Md	MO4-9491
Fla	W Ben Wimberly Co	532 S. Ft. Harrison Ave, Clearwater, Fla	CL3-7072
Ga	Gentry Assoc	1851 Oak Ln. Orlando, Fla	
Haw	Haneberg & Co	1100 Ward Ave. Honolulu 14	65-402
Hawaii	Haneberg & Co	Box 2903, Honolulu 2, Hawaii	HO9-8824
Ill	Jerry Singer	414 W 46 Terr. Kansas City 12, Mo	WE1-0211
Ill	Walter Hess	3021 W 63rd, Chicago 21	PR6-1177
Iowa	Jerry Singer	414 W 46th Terr. Kansas City 12, Mo	WE1-0211
Kan	Jerry Singer	414 W 46th Terr. Kansas City 12, Mo	WE1-0211
Ky	Boyd M Terry	3481 Lapland Dr. Cinc 39, Ohio	WE1-7977
La	Gentry Assoc	1851 Oak Ln. Orlando, Fla	
Me	John P Vissman & Assoc	258 Broad St. Lynn, Mass	LY8-5793
Md	Robert Saunders	5218 Reisterstown Rd, Baltimore 15, Md	MO4-9491
Mass	John P Vissman & Assoc	258 Broad St. Lynn	LY8-5793
Mich	Robert T Lawson	11398 Royalton Rd. Cleve 33, Ohio	BE7-4289
Minn	R G Ragon Inc	1406 W. Idaho Ave, St. Paul 13, Minn	MI6-6937
Miss	Gentry Assoc	1851 Oak Ln. Orlando, Fla	
Mo	Jerry Singer	414 W 46 Terr. Kansas City 12	WE1-0211
Neb	Jerry Singer	414 W 46th Terr. Kansas City 12, Mo	WE1-0211
Nev	C R Dalton Associates	1037 Laurel St, San Carlos, Cal	LY1-2654
NH	John P Vissman Assoc	258 Broad St. Lynn, Mass	LY8-5793
NJ	Joseph Norton	91 E. Shore Rd, Mountain Lakes, NJ	DE4-2921
NY	Charles Agnoff	9 Jody Ln, Plainview, NY	OV1-6040
NC	M J McDonald Co	Rt #1, Pfafftown	
ND	R G Ragon Inc	1406 W. Idaho Ave, St. Paul 13, Minn	MI6-6937
Ohio	Robert T Lawson	11398 Royalton Rd. Cleve 33	BE7-4289
Ohio	Boyd M Terry	3481 Lapland Dr. Cinc 39	WE1-7977
Okla	Ammon & Champion Co	2714 Bomar St. Dallas 4, Tex	
Pa	Joseph Norton	91 E. Shore Rd, Mountain Lakes, NJ	DE4-2921
Pa	Robert Saunders	5218 Reisterstown Rd, Baltimore 15, Md	MO4-9491
RI	John P Vissman & Assoc	258 Broad St. Lynn, Mass	LY8-5793
SC	M J McDonald Co	Rt #1, Pfafftown, NC	
SD	R G Ragon Inc	1406 W. Idaho Ave, St. Paul 13, Minn	MI6-6937
Tenn	M J McDonald Co	Rt #1, Pfafftown, NC	
Tex	Ammon & Champion Co	2714 Bomar St. Dallas 4	
Utah	R E Cathey Co	1789 Fulton St. Denver 8, Colo	
Vt	John P Vissman & Assoc	258 Broad St. Lynn, Mass	LY8-5793
Va	Robert Saunders	5218 Reisterstown Rd, Baltimore 15, Md	MO4-9491
W. Va	Robert Saunders	5218 Reisterstown Rd, Baltimore 15, Md	MO4-9491
Wis	Walter Hess	3021 W 63rd, Chicago 21, Ill	PR6-1177
Wisc	R G Ragon Inc	1406 W. Idaho Ave, St. Paul 13, Minn	MI6-6937
Canada	Kenneth M Thomas	209 Davenport Rd, Toronto 5, Canada	WA4-1105
Foreign	Devero Co of America	165 Broadway, New York, NY	WO4-8754
•	**GRAPHIC SYSTEMS**	**Box 267, Yanceyville, NC**	**OW4-4300**
	G Aldridge #3 *25 D		
NY	Graphic Systems	55 W 42nd St. New York 36	WI7-8444
	GRAPHIK-CIRCUITS DIV CINCH	**200 S. Turnbull Canyon Rd, City of Industry, Cal**	**ED3-1201**
	S Glaspell #6 *150 E 280-345-615-1735		
Cal	United-Carr Fastener Corp	727 Industrial Rd. San Carlos	LY1-8875
Cal	United-Carr Fastener Corp	1709 W. 8th St, Los Angeles 17, Cal	HU3-6810
Ga	Cartwright & Bean	3223 Cain's Hill Pl, N.W., Atlanta, Ga	
Ill	Cinch Mfg Co	1026 S. Homan Ave, Chicago 24, Ill	NE2-2000
Ind	Cinch Mfg Co	5237 N. Keystone, Indianapolis, Ind	GL1-9526
Mass	United-Carr Fastener Corp	Wellesley Hill 81, Mass	CE57410
Mass	Ray Perron & Co	1870 Centre St, Boston 32, Mass	
Mich	United-Carr Fastener	2836 E. Grand Ave, Detroit 11, Mich	TR3-9500
NY	Cinch Mfg Co	514 S. Warren St, Syracuse 2, NY	GR1-8315
NY	Cinch Mfg Co	175 5th Ave, New York 10, NY	WU3-9356
Ohio	United-Carr Fastener	1468 W. 9th St, Cleveland, Ohio	TO1-7557
Pa	S K MacDonald Inc	1531 Spruce St, Philadelphia 2, Pa	
Pa	Cinch Mfg Co	3701 N. Broad St, Philadelphia 40, Pa	BA5-4775
Tex	United-Carr Fastener	1500 Jackson St, Dallas 1, Tex	RI2-5911
Wash	United-Carr Fastener Corp	2nd & Columbia, Seattle	MA2-5821
Can	United-Carr Fastener of Can. Ltd	Hamilton, Ont.	
For	Carr Fastener Co. of Aust. Ltd	Royal Pk. Alberton 1, S. Aust.	
For	Carr Fastener Co. Ltd	Stapleford, Nottingham, Eng.	
•	**GRAPHITE METALLIZING CORP**	**1052 Nepperhan Ave, Yonkers, NY**	**YO8-8400**
	160-175-330-355-1135-1325-1485-1545-1625-1735		
	GRASON-STADLER CORP	**Electronics Park, West Concord, Mass**	**EM9-3787**
	R Grason #3 *40 D 805-895-1585		
•	**GRAY INSTRUMENT CO**	**448 Mill Rd, Andalusia, Pa**	**HO4-2100**
	A Bechtel #2 *27 195-515-895-1050-1330-1475-1595-1795		
Ala	J R Carter	1002 Meridian St. N. Huntsville	JE9-6734
Ariz	Enright Engineering Co	302 W. Arbor Vita St, Inglewood, Cal	OR3-0206
Ark	Airep Engineering	P.O. Box 9555, Dallas 14, Tex	TA4-3800
Cal	Enright Engineering Co	302 W. Arbor Vita St, Inglewood, Cal	OR3-0206
Cal	Enright Engineering Co	4434 Ingraham St, San Diego, Cal	HU8-4191
Conn	Cowperthwait & Brodhead	570 Hillside Ave. Needham Hts. Mass	HI4-9410
Fla	L J Crowell	2727 Aloma Ave. Winter Park	MI7-4697
Ga	J L Highsmith & Co	3733 Monroe Rd. Charlotte 5, NC	FR7-2546
Idah	J L Kearns Inc	6055 NE Glisan St. Portland 13, Ore	BE6-1165
Ill	Saffro & Associates	5209 N. Kimball Ave, Chicago 25, Ill	JU8-0905
Ind	Law Instrument Co	P.O. Box 95, Angola, Ind	AN217
Iowa	Saffro & Associates	5209 N. Kimball Ave, Chicago 25, Ill	JU8-0905
Ky	B L Michaelson	315 N. Monroe St. Xenia, Ohio	DR2-5496
La	Airep Eng. Co	Box 9555, Dallas 14, Texas	TA4-3800
La	Airep Engineering	7050 Sharpcrest, Houston 36, Tex	GY4-4171
Me	Cowperthwait & Brodhead	570 Hillside Ave. Needham Hts. 94, Mass	HI4-9410
Mass	Cowperthwait & Brodhead	570 Hillside Ave. Needham Hts	HI4-9410
Mich	Law Instrument Co	Box 95, Angola, Ind	217
Mich	Law Instrument Co	P.O. Box 27062, Indianapolis, Ind	ST7-0009
Mont	J L Kearns Inc	6055 NE Glisan St. Portland 13, Ore	BE6-1165
NH	Cowperthwait & Brodhead	570 Hillside Ave. Needham Hts. Mass	HI4-9410
NJ	L & M Associates	P.O. Box 641, Fairlawn, NJ	DI3-3070
NM	Enright Engineering Co	302 W. Arbor Vita St, Inglewood, Cal	OR3-0206
NY	L&M Associates	38-25 149th Pl, Flushing 54, NY	HI5-0103
NY	L & M Associates	P.O. Box 51, Central Sta, Yonkers, NY	WO1-5566
NC	James L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
Ohio	B L Michaelson	321 N. Monroe St, Xenia, Ohio	DR2-5496
Okla	Airep Engineering Co	P.O. Box 9555, Dallas 14, Tex	TA4-3800
Ore	J L Kearns Inc	6055 NE. Glisan St. Portland 13	BE6-1165
Pa	L & M Associates	400 W. Clapier St, Philadelphia 44, Pa	GE8-5666
RI	Cowperthwait & Brodhead	570 Hillside Ave. Needham Hts. Mass	HI4-9410
SC	James L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
Tenn	J L Highsmith & Co	3733 Monroe Rd. Charlotte 5, NC	FR7-2546
Tex	Airep Eng. Co	Box 9555, Dallas 14	TA4-3800
Tex	Airep Engineering Co	7050 Sharpcrest, Houston 36, Tex	GY4-4171
Vt	Cowperthwait & Brodhead	570 Hillside Ave. Needham Hts. Mass	HI4-9410
Va	James L Highsmith	3733 Monroe Rd, Charlotte, NC	FR7-2546
Wash	J L Kearns Inc	6055 NE. Glisan St. Portland 13, Ore	BE6-1165
W Va	B L Michaelson	315 N. Monroe St. Xenia, Ohio	DR2-5496
Wis	Saffro & Assoc	5209 N. Kimball Ave. Chicago 25, Ill	JU8-0905
Wisc	Saffro & Associates	5209 N. Kimball Ave, Chicago 25, Ill	JU8-0905
Canada	Northern Electric Co	1600 Notre Dame St, Montreal, Que, Can	WE7511
Canada	Northern Electric Co	8325 Fraser St, Vancouver 15, BC, Canada	EL2211
Foreign	Ing S & Dr Guido Belotti	Piazzo Trento 8, Milano, Italy	MI54-20-51
	GRAY & KUHN, INC DIV BURNELL & CO INC	**80 Swalm St. Westbury, NY**	**ED3-2194**
	J Gray #8 *50 450		
Ala	Specialized Electronic Corp	529 N 18th St. Birmingham	FA4-1615
Cal	C R Dalton Assoc	720 Mission St. S. Pasadena	MU2-2841
Cal	C R Dalton Assoc	1037 Laurel St. San Carlos	
Colo	Vinson Assoc	3500 S Lincoln, Englewood	SU9-2851
Conn	Glenn M Hathaway Elec, Inc	PO Box 797, Canaan	TA4-7215
Fla	Massey Assoc	1224 E Colonial Dr. Orlando	GA4-5744
Md	Massey Assoc	6607 Riverdale Rd. Riverdale	AP7-1023
Mass	Glenn M Hathaway Elec, Inc	238 Main St. Cambridge	KI7-0380
Mich	Jim Morrow Sales Co	13149 Hamilton Ave. Highland Park	TO5-7600
Minn	D A Schultz Co	801 SE 8th St. Mnpls	FE9-7701
NY	R P Kennedy Co, Inc	PO Box 54, Fayetteville	NE7-9531
NY	R P Kennedy Co, Inc	182 Mayflower Dr. Rochester	BR1-6322
NY	Dave Launt	PO Box 184, Syracuse	HE7-8181
NY	Ellis-Haber Corp	11 Northern Blvd. Great Neck	HU7-5145
NY	Ellis-Haber Corp	11 Northern Blvd, Great Neck, NY	HU7-5145
Ohio	Sheridan Assoc	6333 York Rd. Cleveland	TU4-8060
Ohio	Sheridan Assoc	Roselawn Center Bldg. Cinc	ME1-2460
Ohio	Sheridan Assoc	4717 N Main St. Dayton	CR7-7212
Pa	Massey Assoc	529 Brookhurst Ave. Narberth	MO4-4200
Tex	Howell Sales Inc	235 SE 14th St. Grand Prairie	AN2-5153
Wash	Ray Johnston Co	1011 E 69th St. Seattle	LA4-5170
Can	M J Howard & Co, Ltd	1168 Gertrude St. Ottawa 3	PA8-2991
For	Comerso	31 Blvd Bonne-Nouvelle, Fr	PR33-07
Canada	M J Howard & Co	1168 Gertrude St, Ottawa 3, Canada	PA8-2991
	GRAY MFG CO	**Dept 67, 16 Arbor St, Hartford 1, Conn**	**AD3-1271**
	J Kane #35 *500 F 35-325-895-1075-1255-1270-1395-1905		
DC	Gray Mfg. Co	1829 Conn. Ave. NW. Wash.	DU7-2090
	GRAY RADIO CO., INC	**501 Forest Hill Blvd, W. Palm Beach, Fla**	**JU2-2201**
	#2 *6 A 325		
•	**GRAYHILL INC**	**537 Hillgrove Ave, La Grange, Ill**	**FL4-1040**
	#6 *100 E 300-905-925-1630-1735		
Ala	J L Highsmith Co	3012 Acklen Dr. SW, Huntsville	JE9-6734
Alaska	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Ariz	Bob Bray	18 N Mentor Ave. Pasadena, Cal	MU1-3751
Ark	M F Klicpera	Dallas 8, Tex	RI2-2515
Cal	Bob Bray	18 N Mentor Ave. Pasadena	MU1-3751
Cal	Nickerson-Gray & Associates	2434 Park Blvd, Palo Alto, Cal	DA6-0152
Colo	R E Cathey Co	1789 Fulton St. Denver 8	FR7-3740
Conn	Michael Scott Co	335 Washington St, Wellesley Hills 81, Mass	CE5-0102
Del	Naudain-Bohaker & Co	1732 Suburban Sta Bldg. Phila 3, Pa	LO4-3194
DC	Naudain-Bohaker & Co	PO Box 276, McLean, Va	EL6-3492
Fla	Jack Geartner Co	235 Lincoln Rd, Miami Beach, Fla	JE1-0200
Ga	James L Highsmith Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
Hawaii	Nickerson-Gray & Associates	2434 Park Blvd, Palo Alto, Cal	DA6-0152
Idaho	Burt Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Ill	Hill-Gray	821 Garfield, Oak Park	EU3-0373
Ill	Halgin Sales	721 Olive St. St Louis 1, Mo	CH1-6919
Iowa	J Taylor Hersey	2120 Greenwood Dr. SE, Cedar Rapids	EM2-2031
Kan	Halgin Sales	5920 Nall, Mission	RA2-2441
La	M F Klicpera Co	PO Box 3113, Houston 1, Tex	RI7-3868
Me	Michael Scott Co	336 Washington St, Wellesley Hills 81, Mass	CE5-0102
Md	Naudain-Bohaker & Co	7309 York Rd. Towson 4	VA5-5492
Mass	Michael Scott Co	336 Washington St, Wellesley Hills 81, Mass	CE5-0102
Mich	Koehler-Pasmore	11833 Hamilton Ave, Detroit 3, Mich	TO8-3322
Mich	Koehler-Pasmore Co	125 Walnut St. Kalamazoo	
Minn	Northport Engineering Inc	1729 Selby Ave, St. Paul 4, Minn	MI6-2621
Miss	M F Klicpera Co	PO Box 3113, Houston 1, Tex	RI7-3868
Mo	Halgin Sales	721 Olive St. St Louis 1	CH1-6919
Mont	Burt Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Neb	Halgin Sales	5920 Nall, Mission, Kan	RA2-2441
Nev	Nickerson-Gray & Associates	2434 Park Blvd, Palo Alto, Cal	DA6-0152
NH	Michael Scott Co	336 Wash St, Wellesley Hills 81, Mass	CE5-0102
NJ	Tylinski	73-63 Bell Blvd, Bayside 64, NY	HO4-8927
NM	R E Cathey Co	1026 Mildred NW, Albuquerque	DI4-6247
NY	Tylinski	73-63 Bell Blvd, Bayside 64, NY	HO4-8927
NY	Wally B Swank Inc	2310 Bellevue Ave, Syracuse 4, NY	GR8-2141
NC	James L Highsmith Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
ND	Northport Engineering Inc	1729 Selby Ave, St. Paul 4, Minn	MI6-2621
Ohio	Arthur H Baier Co	18236 S Miles Parkway, Cleve 28	GR5-3080
Okla	M F Klicpera	P.O. Box 3113, Houston 1, Tex	JA2-8459
Ore	Burt Porter Co	PO Box 7854, Portland 12	AT4-1718
Pa	Naudain-Bohaker & Co	1732 Suburban Sta Bldg, Phila 3	LO4-3194
RI	Michael Scott Co	336 Wash St, Wellesley Hills 81, Mass	CE5-0102
SC	James L Highsmith Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
SD	Northport Engineering Inc	1729 Selby Ave, St. Paul 4, Minn	MI6-2621
Tenn	James L Highsmith Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
Utah	Electronic Components Sales Inc	2149 Clermont, Denver 22, Colo	PE3-7172
Vt	Michael Scott Co	336 Wash St, Wellesley Hills 81, Mass	CE5-0102
Va	James L Highsmith Co	PO Box 536, Richmond	EL9-1411
Wash	Burt Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Wis	Hill-Gray Inc	821 Garfield, Oak Park, Ill	ES8-7050
Wisc	Northport Engineering Co	1729 Selby Ave, St. Paul 4, Minn	MI6-2621
Wyo	R E Cathey Co	1789 Fulton St. Denver 8, Colo	FR7-3740

• INDICATES ADVERTISERS IN THIS ISSUE

FOR EXPLANATION OF SYMBOLS # * A 15 SEE PG. M

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
•	**GREAT EASTERN METAL PRODS CO**	**22 Woodworth Ave, Yonkers, NY**	**GR6-7300**
	L Weinberg *15 B 210-645		
Ariz	Reed Enterprises	Box 2546, Tucson	AX8-4771
Conn	Glenn M Hathaway Electronics	Box 797, Canaan	
Ill	Jerry Golten Co Inc	2750 W North Ave, Chicago 47	EV4-5959
Kan	Wilbur Goll	10511 W 56th Terrace, Shawnee	RA2-2528
Mass	Glenn M Hathaway Electronics	238 Main St, Cambridge 42	KI7-0380
Mich	Jerry Golten Co Inc	2750 W North Ave, Chicago 47, Ill	EV4-5959
Mo	Wilbur Goll	10511 W 56th Terrace, Shawnee, Kan	RA2-2528
NM	Reed Enterprises	Box 2546, Tucson, Ariz	AX8-4771
RI	Glenn M Hathaway Electronics	238 Main St, Cambridge 42, Mass	KI7-0380
Wis	Jerry Golten Co Inc	2750 W North Ave, Chicago 47, Ill	EV4-5959
	GREAT LAKES ELECTRIC MFG CO	**17 S. Desplaines St, Chicago 6, Ill**	**AN3-3565**
	G Johnstone #7 *10 A 365-895-915		
•	**GREEN INSTRUMENT CO INC**	**295 Vassar St, Dept 63A, Cambridge 39, Mass**	**EL4-2989**
	W Fullerton #2 *25 D 1075		
Cal	G S Marshall Co	2015 El Camino Real, Redwood City, Cal	EM6-8214
Cal	J E Hinchten Co	8413 Las Tunas Dr, San Gabriel, Cal	CU3-7951
Ill	Edward Magnuson Co	3349 W. Irving Park Rd, Chicago, Ill	JU8-2613
Mich	The Satullo Co	4512 N. Woodward Ave, Royal Oak, Mich	JO6-2375
NY	G B Eichelhardt & Associates	64 Mountain Ave, Chatham, NJ	ME5-7237
Ohio	The Satullo Co	[illegible]1 Euclid Ave, Cleveland, Ohio	IV6-2800
Ore	J L Kearns Co., Inc	[illegible]755 N.E. Glisan St, Portland, Ore	BE6-2444
Pa	John R McVeigh	75 Fairview Dr, Yardley, Pa	HY3-6695
Tex	The Gay Sales Co	420 [illegible] Russ, Houston, Tex	
Foreign	Fra[illegible] Co	33 W. 42nd St, New York 36, NY	BR9-9422
	GREEN RECTIFIER CO	**1-10 30th St, Fair Lawn, NJ**	**SW7-8100**
	I Green #3 *73 180-315-320-360-365-460-585-695-765-895-900-985-990-1035-1075-1115-1120-1125-1135-1140-1150-1290-1340-1375-1445-1455-1630-1810-1855-1935		
•	**GREENE ELECTRONICS, INC**	**1849 Cranston St. Cranston 9, RI**	**WI2-3800**
	G Mason #2 *10 B 280-895-1075-1150-1245-1290-1295-1305-1640-1785-1900		
Mass	Greene Electronics, Inc	13 Eaton Ct. Wellesley Hills	CE5-8770
	GREENFIELD COMPONENTS CORP	**184 Shelburne Rd. Greenfield, Mass**	**PR3-5494**
	E Hutchinson #3 *102 E 65-225-345-800-905-1125		
	GREENLEAF MFG., THE DIV OF MANDREL INDUSTRIES INC	**7814 Maplewood Ind Ct, St Louis 17, Mo**	**ST1-9888**
	P Bruns #5 *91 E 780		
Cal	Military Products Div	[illegible] Gower St. Hollywood	HO6-3266
Cal	Lawrence P Faber Jr	3127 David Ave, Palo Alto, Cal	DA6-6817
DC	Fleming D Shaw	3122 M Pl, S.E., Wash, DC	LU2-6136
DC	Wade Assoc	1624 Eye St. Washington 25	ME8-3806
Fla	James Faith	8318 Ch[illegible]is Circle, Orlando, Fla	CR7-0173
Ohio	John R Simpkins	3.9 W. Park Ave, Lebanon, Ohio	LE4-2751
Wash	W M Baxley	422 Smith Tower, Seattle	MU2-9116
	GREENLEE TOOL CO	**2136 12th St, Rockford, Ill**	**WO3-4881**
	M Tuckett #75 *1400 G 1825		
	GREENRAY INDUSTRIES	**Electronic's Div, Mechanicsburg, Pa**	**PO6-7175**
	R Green #2 *8 A 195-275-415-670-895-1915		
Ohio	L Dietrich Co	333 W 1st St. Dayton 2	BA3-6042
Ohio	L Dietrich Co	316 Marion Bldg. Cleve 13	SU1-1855
Pa	L Dietrich Co	1404 [illegible] St. Pittsburgh 4	WA1-2959
Pa	Tyler Griffin Co	32 S Fairfield Rd. Devon	MU8-4821
Tex	H Lieberman Co	6170 Sherry Lane, Dallas 25	EM3-3452
•	**GREIBACH INSTRUMENTS CORP**	**315 North Ave, New Rochelle, NY**	**NE3-7900**
	F Greenwood #4 *30 895		
Ala	Candor Co	2080 Beach St, Winston-Salem, NC	PA2-1432
Ariz	Perlmuth Electronic Associates	5057 W. Washington Blvd, L A 16, Cal	WE1-1041
Cal	Perlmuth Electronic Associates	5057 W. Washington Blvd, L A 16, Cal	WE1-1041
Colo	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Conn	Cowperthwait & Brodhead	570 Hillside Ave, Needham Hghts, Mass	HI4-9410
Del	Bonn Associates	57 New St, Metuchen, NJ	LI9-9573
DC	Wilco Associates	733-15th St, N.W., Washington 5, DC	EX3-0451
Fla	The Candor Co	P.O. Box 1224, Orlando, Fla	GA2-9848
Ga	Candor Co	2080 Beach St, Winston-Salem, NC	PA2-1432
Idaho	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	MA4-8650
Ill	Lowell Co	4124 Skokiana Terr, Skokie, Ill	OR6-2063
Ind	Lowell Co	4124 Skokiana Terr, Skokie, Ill	OR6-2063
Iowa	Zak-Cowen & Associates Inc	7730 Carondelet, St. Louis 5, Mo	PA7-8559
Kan	Zak-Cowen & Associates Inc	7730 Carondelet, St. Louis 5, Mo	PA7-8559
La	The Kantenberger Co	711 Reverchon Dr, Dallas 11, Tex	WH8-9535
Me	Cowperthwait & Brodhead	570 Hillside Ave, Needham Hghts, Mass	HI4-9410
Md	Wilco Associates	733-15th St, N.W., Washington 5, DC	EX3-0451
Mass	Cowperthwait & Brodhead	570 Hillside Ave, Needham Hghts, Mass	HI4-9410
Mass	J L Pearce Co	16866 James Couzens, Detroit 21, Mich	UN2-2571
Mo	Zak-Cowen & Associates	7730 Carondelet, St. Louis 5, Mo	PA7-8559
Mont	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Neb	Zak-Cowen & Associates	7730 Carondelet, St. Louis 5, Mo	PA7-8559
NH	Cowperthwait & Brodhead	570 Hillside Ave, Needham Hghts 94, Mass	HI4-9410
NJ	S & J Sales Engineering	149-05 Archer Ave, Jamaica, NY	AX1-3232
NJ	Bonn Associates	57 New St, Metuchen, NJ	LI9-9573
NM	Hyde Electronics Co	5206 Constitution Ave, N.E., Albuquerque	AM8-1111
NY	S & J Sales Engineering	130 Lafayette St, New York 13, NY	WO2-7766
NY	S & J Sales Engineering	149-05 Archer Ave, Jamaica, NY	AX1-3232
NC	Candor Co	2080 Beach St, Winston-Salem, NC	PA2-1432
Ohio	Martin-Rettger, Inc	11955 Shaker Blvd, Cleveland, Ohio	SW1-8787
Ohio	Beedle Equip Co	Roselawn Center Bldg, Cincinnati 37	JE1-2640
Okla	The Kantenberger Co	711 Reverchon Dr, Dallas 11, Tex	WH8-9535
Ore	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	MA4-8650
Pa	Bonn Associates	57 New St, Metuchen, NJ	LI9-9573
Pa	Russell F Clark Co	1409 Clark Bldg, Pittsburgh 22, Pa	AT1-8089
RI	Cowperthwait & Brodhead	570 Hillside Ave, Needham Hghts 94, Mass	HI4-9410
SC	Candor Co	2080 Beach St, Winston-Salem, NC	PA2-1432
Tenn	Candor Co	2080 Beach St, Winston-Salem, NC	PA2-1432
Tex	The Kantenberger Co	711 Reverchon Dr, Dallas 11, Tex	WH8-9535
Utah	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Vt	Cowperthwait & Brodhead	570 Hillside Ave, Needham Hghts 94, Mass	HI4-9410
Va	Wilco Associates	733-15th St, N.W., Washington 5, DC	EX3-0451
Wash	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	MA4-8650
Wisc	Lowell Co	4124 Skokiana Terr, Skokie, Ill	OR6-2063
Wyo	Hyde Electronic Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Can	Atlas Instruments Co, Ltd	50 Wingold Ave. Toronto 19, Ont	RU1-6174
Foreign	Lindor International Corp	10 E. 40th St, New York 17, NY	MU5-6740
	GRIES REPRODUCER CORP	**151 Beechwood St, New Rochelle, NY**	**NE3-0600**
	C Chase #15 *350 120-233-285-790-1205-1290-1490-1535-1940		
Ariz	Heim & Scheer	11168 Santa Monica Blvd, L A 25, Cal	GR7-3208
Ark	Teves-Barrier Inc	2712 W. Mockingbird Ln, Dallas 35, Tex	FL2-6084
Cal	Heim & Scheer	11168 Santa Monica Blvd, Los Angeles	GR7-3208
Colo	Archibald & Millie	1863 Wazee St. Denver 2	AL5-4973
Colo	John W Archibald	1985 Bluebell, Boulder, Colo	HI6-3414
Conn	R E Jones	Beyberry Lanes, Branford	HU8-3022
Del	Riley & Aleshire Inc	615 Greenwood Ave, Jenkintown, Pa	TU4-1708
DC	Riley & Aleshire Inc	615 Greenwood Ave, Jenkintown, Pa	TU4-1708
Ill	Jay C Angel & Co	2743 W. Peterson Ave, Chicago 45, Ill	UP8-0653
Ill	Components & Equipment Co	501 Clark Ave, Webster Groves 19, Mo	WO2-2799
Ind	Jay C Angel & Co	2743 W. Peterson Ave, Chicago 45, Ill	UP8-0653
Ind	McLaughlin & Welland Inc	7540 Reading Rd. Cinc 37, Ohio	PO1-5566
Iowa	Jay C Angel & Co	2743 W. Peterson Ave, Chicago 45, Ill	UP8-0653
Kan	Components & Equipment Co	501 Clark Ave, Webster Groves 19, Mo	WO2-2799
Ky	McLaughlin-Welland Inc	7540 Reading Rd. Cinc 37, Ohio	PO1-5566
La	Teves-Barrier Inc	2712 W. Mockingbird Ln, Dallas 35, Tex	FL2-6084
Me	John V Muddle Associates	74 Union St, Ashland, Mass	TR3-7091
Md	Riley & Aleshire Inc	615 Greenwood Ave, Jenkintown, Pa	TU4-1708
Mass	John V Muddle Associates	74 Union St, Ashland, Mass	TR3-7091
Mich	M C Snyder Co	914 Michigan, Nat Tower, Lansing 4	IV7-5475
Minn	R E Anderson	3418 E. Lake St, Minneapolis 6, Minn	PA9-2614
Miss	Teves-Barrier Inc	2712 W. Mockingbird Ln, Dallas 35, Tex	FL2-6084
Mo	Components & Equipment Co	501 Clark Ave, Webster Groves 19, Mo	WO2-2799
NH	John V Muddle Associates	74 Union St, Ashland, Mass	TR3-7091
NJ	Riley & Aleshire Inc	615 Greenwood Ave, Jenkintown, Pa	TU4-1708
NM	Archibald & Millie	1863 Wazee St. Denver 2, Colo	AL5-4973
NY	Stetler & Stetler	1807 Elmwood Ave, Buffalo 7, NY	DE6435
ND	R E Anderson	3418 E. Lake St, Minneapolis 6, Minn	PA9-2614
Ohio	Harry F Davis & Sons	3494 Lee Rd, Shaker Heights 20, Ohio	SK1-8943
Ohio	McLaughlin & Welland Inc	P.O. Box 2544, Cincinnati 37, Ohio	PO1-5566
Okla	Teves-Barrier Inc	2712 W. Mockingbird Ln, Dallas 35, Tex	FL2-6084
Pa	Harry F Davis & Sons	3494 Lee Rd, Shaker Heights 20, Ohio	SK1-8943
Pa	Riley & Aleshire Inc	615 Greenwood Ave, Jenkintown, Pa	TU4-1708
RI	John V Muddle Associates	74 Union St, Ashland, Mass	TR3-7091
SD	R E Anderson	3418 E. Lake St, Minneapolis 6, Minn	PA9-2614
Tex	Teves-Barrier Inc	2712 W. Mockingbird Ln, Dallas 35, Tex	FL2-0684
Utah	John W Archibald	1985 Bluebell, Boulder, Colo	HI6-3414
Utah	Archibald & Millie	1863 Wazee St. Denver 2, Colo	AL5-4973
Vt	John V Muddle Associates	74 Union St, Ashland, Mass	TR3-7091
Va	Riley & Aleshire Inc	615 Greenwood Ave, Jenkintown, Pa	TU4-1708
W Va	McLaughlin & Welland Inc	7540 Reading Rd. Cinc 37, Ohio	PO1-5566
Wis	Clarence Binzel	10831 W Lisbon Ave. Milwaukee 22	
Wis	R E Anderson	34 8 E Lake St. Mnpls	
Wisc	Clarence W Binzel	803 N. Third St, Milwaukee 3, Wisc	BR3-7633
Wyo	John W Archibald	1985 Bluebell, Boulder, Colo	HI6-3414
Wyo	Archibald & Millie	1863 Wazee St. Denver 2, Colo	
	GRIEVE-HENDRY CO., INC	**1350 N. Elston Ave, Chicago 22, Ill**	**BR8-3400**
	P Calabrese #5 *100 E 1215		
Ala	Consolidated Engineering Co of Ala	305 Oxmoor Rd, Birmingham 9, Ala	TR9-1831
Cal	A Dale Herman Inc	17071 Ventura Blvd, Encino, Cal	ST9-0349
Colo	W L Eckland Co	Box 183, Wheat Ridge	
Conn	William H Duff	P.O. Box 406, Avon, Conn	OR7-9175
Ga	Consolidated Engineering Co of Ga	3272 Peachtree Rd, N.E., Atlanta 5, Ga	CE7-1606
Ind	Harry Baker	2708 Rosewood, Muncie, Ind	
Ind	Engineering Products	6620 E. Washington St, Indianapolis, Ind	FL9-5374
La	Church-Dailing Co	321-322 Carondelet Bldg, New Orleans, La	JA5-5612
Mass	Eastern Appliance Co	281 Vassar St, Cambridge 39, Mass	UN4-3765
Mich	J W Eakins Co	15875 James Couzens Hwy. Detroit 38	
Minn	Volco Co	831 S. 6th St. Mnpls 4	
Mo	Shea-Brownell Co., The	3903 Olive St. St Louis 8	
Mo	Conrow Co	2522 Summit St. KC 8	
NJ	R L Faber & Assoc. Inc	1246 Broad St. Bloomfield	
NY	Davies Industrial Services Inc	3923 Harlem Rd, Buffalo 26, NY	CI2104
NC	Crotts & Saunders Eng. Inc	235 N. Main St. Winston-Salem	
Ohio	Cleveland Industrial Eqpt Sls Co	4500 Euclid Ave, Cleveland, Ohio	HE1-8640
Ohio	Crandall Co., The	49 Park Ave, Dayton 19, Ohio	AX3-3159
Pa	Frank F Sahms	413 Twickenham Rd, Philadelphia, Pa	TU4-2559
Pa	R R Kovach Co	37 Alton Dr, Bethel Park, Pa	TE5-6596
Tex	Wright Industrial Products Co	1833 Calumet, Houston, Tex	JA3-5651
Tex	Wright Industrial Products	5738 N. Central Expwy, Dallas 6, Tex	TA4-2571
Wash	J C McDougall Co	520 1st Ave. S. Seattle 4	
	GRIFFIN CO. JOHN	**2117 Grand Ave. St. Paul 5, Minn**	**MI8-2810**
	525-595-1700		
	GRIFFITHS ELECTRONICS INC	**155 Summit St, Newark 3, NJ**	
	L Griffiths #4 *18 E 1880		
	GRIGSBY CO., INC	**407 N. Salem Ave, Arlington Heights, Ill**	**CL3-2180**
	R Grigsby #11 *250 E 1735		
Ala	H Sarkis	561 Via Lugano, Winter Park, Fla	MI7-3671
Ariz	Fryco	355 N. Scottsdale Rd, Scottsdale, Ariz	WH5-3281
Cal	William J Barron	1406 S. Grand, Los Angeles, Cal	RI8-6191
Conn	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Del	J A Mount & Co	National Press Bldg, Washington 4, DC	DI7-1349
DC	J A Mount & Co	National Press Bldg, Washington 4, DC	DI7-1349
Fla	H Sarkis	561 Via Lugano, Winter Park	MI7-3671
Ill	T B Hunter	4441 Irving Park Rd, Chicago, Ill	SP7-2500
Ind	William F Burgoyne	7001 N. Clark St, Chicago 26, Ill	HO5-2112
Iowa	W E Fry Co	406 W. 34th St, Kansas City, Mo	JE1-5236
Kan	W E Fry Co	406 W. 34th St, Kansas City, Mo	JE1-5236
Ky	John F Kilfoil Co	95 4 Montgomery Rd, Cincinnati, Ohio	SY1-6150
Me	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Md	J A Mount & Co	National Press Bldg, Washington 4, DC	DI7-1349
Mass	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Mich	Herman D Mysing	18450 W. McNichols, Detroit 19, Mich	KE7-5460
Minn	F B Hill Co	6110 Excelsior Blvd, Minneapolis 16, Minn	WE9-6727
Mo	W E Fry Co	406 W. 34th St, Kansas City, Mo	JE1-5236
Neb	W E Fry Co	406 W. 34th St, Kansas City, Mo	JE1-5236
Nev	W J Barron	1406 S. Grand, LA, Cal	RI8-6191
NH	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
NJ	J F Norton	91 E. Shore Rd, Mountain Lakes, NJ	DE4-2921
NJ	D T Cooper Assoc	835 Glenside, Wyncote, Pa	LI8-5450
NM	Fryco	335 N. Scottsdale Rd, Scottsdale, Ariz	WH5-3281
NY	Andrews Co., The	Mott Rd, Fayetteville, NY	NE7-6405
NY	J F Norton	91 E. Shore Rd, Mountain Lakes, NJ	DE4-2921
ND	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis 16, Minn	WE9-6727
Ohio	C A Robinson Co	4143 Mayfield Rd, Cleveland 21, Ohio	EV1-9049
Ohio	John F Kilfoil	9514 Montgomery Rd, Cincinnati, Ohio	SY1-6150
Okla	Ammon & Woods	5602 E. Mockingbird Ln, Dallas, Tex	TA6-4171
Pa	D T Cooper	835 Glenside Ave. Wyncote	LI8-5450
RI	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
SD	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis 16, Minn	WE9-6727
Tenn	J F Kilfoil Co	9415 Montgomery Rd. Cinc 42, Ohio	SY1-6150
Tex	Ammon & Champion	5602 E. Mockingbird Ln. Dallas	FL7-
Utah	W J Peyser	1501 N. Weber, Colorado Springs, Colo	ME4-3401
Vt	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Va	J A Mount & Co	National Press Bldg, Washington 4, DC	DI7-1349
Wisc	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis 16, Minn	WE9-6727
Wisc	T B Hunter	4441 Irving Pk Rd, Chicago, Ill	SP7-2500
Foreign	Sylvan Ginsbury Ltd	8 W. 40th St, New York, NY	LO4-7585
	GROOV-PIN CORP	**1125 Hendricks Cswy, Ridgefield, NJ**	**WH5-6780**
	W Kramer #4 *80 D 790		
Cal	Dean Lewis Associates	4444 Piedmont Ave, Oakland	OL4-0613
Cal	Ray R Sweet & Son	414 S Clark Dr, Beverly Hills, Cal	BR2-6561
Colo	Industrial-Denver Co	1555 Eleventh St, Denver 4, Colo	AC2-4791
Conn	Paul E Wolfe	P.O. Box 632, Orange, Conn	SY5-4343
Ill	W L Barth, Jr	7117 W Addison St. Chicago 34, Ill	KI5-7975
Ind	Alex Johnson	227 Sylvan Glen Dr, S Bend, Ind	CE2-4414
Iowa	Robert L Burchett	2504 Harrison St, Davenport, Iowa	3-3314
Mich	H B Schweppe	7338 Woodward Ave, Detroit 2, Mich	TR2-8149
Minn	Nelson & Son, Inc	324 N First St, Mnpls, Minn	FE3-3328
Mo	Smith-Moschner & Co	3525 Watson Rd, St Louis 9, Mo	MI7-5145
NJ	L C Kuthe	Vreeland Rd, R.D. 1, New Foundland	OX7-7161
NY	Donald Remack	4515 Main St. Buffalo 26, NY	TF9-3366
Ohio	Carl H Remack	17138 Lorain Ave, Cleveland, Ohio	CL1-8535
Pa	Andrew Buchanan	1 Belmont Ave, Bala-Cynwyd, Pa	TR8-8446
Tex	Teves-Barrier, Inc	2712 W Mockingbird Ln, Dallas, Tex	FL2-6084
Can	Metal & Wood Fast. Devices Co	6302 Papineau Ave, Montreal 35, Que	CR4-9434
	GRUENBERG ELECTRIC CO., INC	**9 Commercial Ave, Garden City, NY**	**PI1-4100**
	D Iavelle #3 *30 C 250-1215-1390		
Ala	F U Wamble	3867 Sherwood Dr. Montgomery 9	AM2-1573
Ark	F U Wamble	3867 Sherwood Dr. Montgomery 9, Ala	AM2-1573
Cal	Peninsula Assoc	1345 Hancock St. Redwood City	EM9-1226
Colo	R E Cathey Co	1789 Fulton St. Denver 8	FR7-3740
Conn	F Rossetti	63-31 136th St. Flushing, NY	IN3-9374
Del	T Griffin Co	32 S. Fairfield Rd. Devon, Pa	MU8-4821
DC	T Griffin Co	32 S. Fairfield Rd. Devon, Pa	MU8-4821
Fla	Specialized Equipment Corp	Box 323, Cocoa Beach	SU3-3328
Ga	Specialized Equipment Corp	254 E. Paces Ferry Rd. NE. Atlanta	CE3-5858
Idah	R E Cathey Co	1789 Fulton St. Denver 8, Colo	FR7-3740
Ill	G C Davis Assoc	Box 16, Normandy PO. St. Louis 21, Mo	EV5-8274
Ind	D E Chegar Co. Inc	Box 25, Kokomo	GL9-9678
Iowa	G C Davis Assoc	Box 16, Normandy PO. St. Louis 21, Mo	EV5-8274
Ky	D E Chegar Co. Inc	Box 25, Kokomo, Ind	GL9-9678
La	F U Wamble	3867 Sherwood Dr. Montgomery 9, Ala	AM2-1573
Me	Atkinson & Lawrence Inc	64 Summer St. Natick, Mass	OL3-6422
Md	T Griffin Co	32 S. Fairfield Rd. Devon, Pa	MU8-4821
Mass	Atkinson & Lawrence Inc	64 Summer St. Natick	OL3-6422
Mich	Koehler-Pasmore Co	11833 Hamilton, Detroit 3	TO8-3322
Mo	G C Davis Assoc	Box 16, Normandy PO. St. Louis 21	EV5-8274
Mont	R E Cathey Co	1789 Fulton St. Denver 8, Colo	FR7-3740
Neb	R E Cathey Co	1789 Fulton St. Denver 8, Colo	FR7-3740
NH	Atkinson & Lawrence Inc	64 Summer St. Natick, Mass	OL3-6422
NM	R E Cathey Co	3321 San Pedro Dr, NE. Albuquerque	AM8-8804
NY	Heat Systems Co	777 Northern Blvd, Great Neck, NY	
NY	John Lightstone	515 Comstock Ave, Syracuse, NY	
Ohio	Anderson-Bolds, Inc	2012 W. 25th St. Cleve	PR1-7112
Ore	Peninsula Assoc	1345 Hancock St. Redwood City, Cal	EM9-1226
Pa	T Griffin Co	32 S. Fairfield Rd. Devon	MU8-4821
RI	Atkinson & Lawrence Inc	64 Summer St. Natick, Mass	OL3-6422
Tex	Gay Sales Co	Box 8414, Dallas 5	EM8-2325
Utah	R E Cathey Co	544 E. 4800 S. Salt Lake City	AM6-2990
Vt	Atkinson & Lawrence Inc	64 Summer St. Natick, Mass	OL3-6422
Wash	Peninsula Assoc	1345 Hancock St. Redwood City, Cal	EM9-1226
	GUARDIAN ELECTRIC MFG. CO	**1550 W. Carroll Ave. Chicago 7, Ill**	**CH3-1100**
	320-365-895-1135-1460-1645-1735		
Ala	M F Taylor Co	2396 Connolly Dr, East Point, Ga	PO1-5353
Alaska	Marsh Agencies Inc	2601 1st Ave, Seattle 1, Wash	MA2-8761
Ariz	Avtronics Inc	P.O. Box 90576, Airport Sta, L A, Cal	OR8-9045
Ark	Jack F McKinney Sales Co	P.O. Box 7337, Brookside Sta, Tulsa, Okla	TE5-4730
Cal	Bill Kolans & Co.	219 California Dr, Burlingame, Cal	DI4-7111
Cal	Avtronics Inc	P.O. Box 90576, Airport Sta, L A, Cal	OR8-9045
Colo	Thatcher Electronics	1003 Saturn Dr. Colorado Springs	ME3-2050
Conn	Sales Engineering Co	Sugar Ln, Newtown, Conn	GA6-4434
Del	Guardian Electric Mfg Co	20 Madison Ave, Cresskill, NJ	LO8-5747
DC	M F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4092
Fla	Steele Technical Sales	2106 Woodcrest Dr. Winter Park	MI7-1304
Ga	M F Taylor Co	2396 Connolly Dr, East Point, Ga	PO1-5353
Hawaii	Bill Kolans & Co.	219 California Dr, Burlingame, Cal	DI4-7111
Idah	Thatcher Electronics	1003 Saturn Dr. Colorado Springs, Colo	ME3-2050
Ind	Guardian Electric Mfg Co	1717 Section Rd, Cincinnati, Ohio	
Iowa	Guardian Electric Mfg Co	2333 W. Wells, Milwaukee, Wisc	WE3-1975
Kan	Guardian Electric Mfg Co	421 S. Main St, Wichita, Kan	HO4-1991
Ky	Guardian Electric Mfg Co	1717 Section Rd, Cincinnati, Ohio	ME1-4719
La	Jack F McKinney Sales Co	1102 Fairway, Kenner, La	KE4-5869
Me	Sales Engineering Co	89 High St, Chelmsford, Mass	CA7-0305
Md	M F Taylor Co	Buckhorn Rd, Baltimore 34, Md	WO8-9054
Mass	Sales Engineering Co	89 High St, Chelmsford, Mass	CA7-0305
Mich	Guardian Electric Mfg Co	600 Michigan Bldg, Detroit 2, Mich	WO3-1913
Minn	Guardian Electric Mfg Co	210 S. 5th St, Minneapolis, Minn	FE5-8252
Miss	J F McKinney Sales Co	1102 Fairway, Kenner, La	KE4-5869
Mo	Guardian Electric Mfg Co	2826 Main St, Kansas City, Mo	VA1-4420
Mont	Thatcher Electronics	1003 Saturn Dr. Colorado Springs, Colo	ME3-2050
Neb	Guardian Electric Mfg Co	421 S. Main St, Wichita, Kan	HO4-1991
Nev	Thatcher Electronics	1003 Saturn Dr. Colorado Springs, Colo	ME3-2050
NH	Sales Engineering Co	89 High St, Chelmsford, Mass	CA7-0305

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NJ	Guardian Electric Mfg Co	20 Madison Ave, Cresskill, NJ	LO8-5747
NM	Thatcher Electronics	1003 Saturn Dr. Colorado Springs, Colo.	ME3-2050
NY	Gistason Sales Co., Inc	82 St. Paul St, Rochester 4, NY	LO2-8323
NC	M F Taylor Co	1224 Dresden Dr, W., Charlotte 5, NC	KE7-4878
ND	Guardian Electric Mfg Co	210 S. 5th St, Minneapolis, Minn	FE5-8252
Ohio	Guardian Electric Mfg Co	10 N. Main, Chagrin Falls, Ohio	CH7-6011
Ohio	Guardian Electric Mfg Co	1717 Section Rd, Cincinnati, Ohio	ME1-4719
Okla	Jack F McKinney Sales Co	P.O. Box 7337, Brookside Sta, Tulsa	TE5-4730
Ore	Martin Agencies Inc	2601 1st Ave, Seattle 1, Wash	MA2-8761
Pa	Guardian Electric Mfg Co	7114 Rising Sun Ave, Philadelphia 11	DE2-1389
RI	Sales Engineering Co	Sugar Ln, Newtown, Conn	GA6-9627
SC	M F Taylor Co	1224 Dresden Dr, W., Charlotte 5, NC	KE7-4878
SD	Guardian Electric Mfg Co	210 S. 5th St, Minneapolis, Minn	FE5-8252
Tenn	M F Taylor Co	2396 Connolly Dr, East Point, Ga	PO1-5353
Tex	J F McKinney Sales Co	1303 Chemical St, Dallas 7, Tex	RI1-1368
Utah	Thatcher Electronics	1003 Saturn Dr. Colorado Springs, Colo.	ME3-2050
Vt	Sales Engineering Co	Sugar Ln, Newtown, Conn	GA6-4434
Va	M F Taylor Co	9431 Georgia Ave, Silver Spring, Md	
Wash	Martin Agencies Inc	2601 1st Ave, Seattle 1, Wash	MA2-8761
W. Va	M F Taylor Co	5436 Youngridge Dr, Pittsburgh, Pa	OL5-7712
Wisc	Guardian Electric Mfg Co	2303 W. Wells, Milwaukee, Wisc	WE3-1975
Wyo	Thatcher Electronics	1003 Saturn Dr. Colorado Springs, Colo.	ME3-2050
Canada	A C Simmonds & Sons Ltd	100 Merton St, Toronto 7, Ontario, Can	HU5-9111
Foreign	Guardian Electric Mfg Co	8 W. 40th St, New York 18, NY	LO4-7585
•	**GUDEBROD BROS SILK CO., INC.**	**12 S 12th St, Philadelphia 7, Pa**	**WA2-1122**
	F Krupp 375		
Cal	Gudebrod Bros Silk Co., Inc	2833 S. Olive St, Los Angeles, Cal	RI7-9275
Ill	Gudebrod Bros Silk Co., Inc	Merchandise Mart, Chicago, Ill	DE7-3025
Mass	Gudebrod Bros Silk Co., Inc	115 Chauncy St, Boston, Mass	HA6-5347
Pa	Gudebrod Bros Silk Co., Inc	12 S. 12th St, Philadelphia, Pa	WA2-1122
Tex	Gudebrod Bros Silk Co., Inc	6452 Tulip Ln, Dallas 30, Tex	EM1-4401
	GUDEMAN CO., THE	**340 W. Huron St, Chicago 10, Ill**	**DE7-7400**
	P LoVecchio #10 *375 E 220-450-670-1855		
Ariz	Carol Hower Co	340 N Marshall, Scottsdale, Ariz	WH5-2471
Cal	G B Ellis Sales Co	2316 El Camino Real, Mountain View	YO7-5531
Cal	Fillmore Co, D A, The	1125 W Huntington Dr, Arcadia	HI6-6325
Colo	Gates Co	200 S Main St, Salt Lake City, Utah	EL9-1101
Ga	Cary Chapman	100 Trunco Way, Atlanta	PL8-4506
Ill	John G Twist Co	5222 W Diversey, Chicago, Ill	SP7-2250
Idaho	Gates Co., The	200 S. Main St, Salt Lake City, Utah	
Ind	Frederick & Hearing	3611 S Harris St, Fort Wayne	HA0641
Md	Massey Associates	6601 Riverdale Rd, Riverdale	AP7-1023
Mass	Robert B Anderson Sales Co	177 State St, Boston	CA7-2980
Minn	Wood Clemons Co	1645 Hennepin, Mnpls, Minn	FE9-0707
Mo	W E Fry & Co	406 W 34th St, Kansas City, Mo	JE1-5236
NJ	Ed Glass Associates	250 W. 57th St, New York 19, NY	
NJ	W Henry Cordray Sales Co	18 W. Chelton Ave, Philadelphia 44, Pa	
NY	Samuels Co., James L The	21 Edgewater Ln, Rochester 17, NY	
NY	Ed Glass Associates	250 W. 57th St, New York 19, NY	
NC	Clyde Dula Associates Inc	3409 Nottingham Rd, Winston Salem, NC	PA3-4205
Ohio	Hearing Co	4429 Bridgetown Rd, Cincinnati, Ohio	WO2-1781
Ohio	Arthur H Baier Co	12417 Cedar Rd, Cleveland 6, Ohio	
Okla	Ray Co., T J The	P.O. Box 5417, Tulsa, Okla	
Ore	Levinson Co., Harry The	1117 Second Ave, Seattle 1, Wash	
Pa	W Henry Cordray Sales Co	18 W. Chelton Ave, Philadelphia 44, Pa	
Pa	Arthur H Baier Co	12417 Cedar Rd, Cleveland 6, Ohio	
SC	Larco Engineering Inc	P.O. Box 6096, Charlotte 1, NC	
Tenn	Larco Engineering Inc	P.O. Box 6096, Charlotte 1, NC	
Tex	Allied Components	2517 Converse, Dallas, Tex	RI2-2830
Utah	The Gates Co	200 S Main, Salt Lake City, Utah	EL9-1101
Va	Massey Associates	111 Centerway, Greenbelt, Md	
Wash	Harry Levinson Co	1211 Denny Way, Seattle, Wash	MA2-5433
Wisc	Twist Co., John G The	5232 W. Diversey Ave, Chicago 39, Ill	
Wyo	Gates Co., The	200 S. Main St, Salt Lake City, Utah	
Canada	Samuel C Hooker Canada Ltd	2425 Grand Blvd, Montreal 28, Quebec, Canada	
	GUIDANCE CONTROLS CORP	**110 Duffy Ave, Hicksville, NY**	**WE8-9500**
	L Conklin #6 *80 E 20-145-150-338-1075-1165-1330-1470		
Colo	Applied Eng & Prods. Co	405 Felt Bldg, Salt Lake City, Utah	EM4-4942
Conn	Schutter-Young Co	5 Ober St, Beverly, Mass	WA2-6121
Del	Schutter-Young Co	5 Ober St, Beverly, Mass	WA2-6121
DC	Argus Industries Inc	Box 68, Warminster, Pa	OS5-4131
Fla	Argus Industries Inc	Box 68, Warminster, Pa	OS5-4131
Ill	Robert J Kennedy Co	6713 N. Oliphant Ave, Chicago 31, Ill	NE1-8283
Ind	Robert J Kennedy Co	6713 N. Oliphant Ave, Chicago 31, Ill	NE1-8283
Me	Schutter-Young Co	5 Ober St. Beverly, Mass	WA2-6121
Md	Argus Industries Inc	Box 68, Warminster, Pa	OS5-4131
Mass	Schutter-Young Co	5 Ober St. Beverly	WA2-6121
Minn	Edward Hoffman Mfrs Rep	180 N. Snelling Ave, St. Paul 4, Minn	MI5-4662
NH	Schutter-Young Co	5 Ober St. Beverly, Mass	WA2-6121
NJ	Argus Industries Inc	Box 68, Warminster, Pa	OS5-4131
NM	Applied Eng. & Prods. Co	405 Felt Bldg. Salt Lake City, Utah	EM4-4942
NY	Lenrod Co	132 Burnet Ave, Syracuse 3, NY	GR9-9191
Pa	Argus Industries Inc	Box 68, Warminster	OS5-4131
RI	Schutter-Young Co	5 Ober St. Beverly, Mass	WA2-6121
SD	Edward Hoffman Mfrs Rep	180 N. Snelling Ave, St. Paul 4, Minn	MI5-4662
Utah	Applied Eng. & Prods. Co	405 Felt Bldg, Salt Lake City	EM4-4942
Vt	Schutter-Young Co	5 Ober St. Beverly, Mass	WA2-6121
Va	Argus Industries Inc	Box 68, Warminster, Pa	OS5-4131
W Va	Argus Industries Inc	Box 68, Warminster, Pa	OS5-4131
Wisc	Edward Hoffman Mfrs Rep	180 N. Snelling Ave, St. Paul 4, Minn	MI5-4662
	GUILDLINE INSTRUMENTS LTD	**Box 99, Smiths Falls, Ont**	**283-3000**
	#4 *35 C 735-895-1330-1735		
NY	Sensitive Research Instrument Corp.	310 Main St, New Rochelle, NY	BE5-2300
	GULTON INDUSTRIES INC	**212 Durham Ave, Metuchen, NJ**	**LI8-2800**
	F Walker #95 *1000 G 15-45-70-190-195-220-240-338-345-885-895-915-1075-1130-1135-1270-1340-1455-1790-1850		
Ala	Kenneth Gans	2308 Lee High Dr, Huntsville, Ala	JE6-0613
Ariz	W Risk	2022 LaRosa Dr, Tempe	WO7-5689
Cal	Engineered Magnetics Div	13041 Cerise Ave, Hawthorne, Cal	OR8-7602
Cal	Peninsula Electronics Associates	5157 Washington Blvd, Los Angeles, Cal	WE1-1041
Cal	A Barauck	50 Hawthorne Ave, San Francisco, Cal	YU2-7292
Cal	D Rufus	13041 Cerise Ave, Hawthorne, Cal	OR8-7602
DC	E Slack	2030 N. 16th St	JA6-6888

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
DC	Wilco Associates	733 15th St, N.W., Washington, DC	EX3-0451
Ill	J Cappels	105 Highland Ct. Hoffman Highlands	TW4-3910
Ill	Rene Blazat Co	6322 N. Milwaukee Ave, Chicago, Ill	SP4-1500
La	Glidden Engineering & Equipment Co	P.O. Box 4063, New Orleans, La	KE7-0641
Mass	Schaal Associates	11 Muzzeg St, Lexington, Mass	VO2-3578
Mass	E L Shaw, Jr	452 Highland Ave. Malden	DA2-1153
Mich	J L Prince Co	16666 James Couzens, Detroit, Mich	UN3-2571
Mo	Ensco	4450 Main St, Kansas City, Mo	JE1-7765
NJ	H P Levy	1145 Kipling Rd, Elizabeth 3	EL2-4062
NJ	M Jemis	253 Spruce St Garwood	
NJ	J Wolchuck	721 Broad Ave Ridgefield	WH5-9504
NJ	Wm Lutz	57 Gould Pl, Westwood, NJ	NO4-4233
NJ	A A Foley & Associates	P.O. Box 155, Moorestown, NJ	NO3-4545
NJ	Ortholog Div	P.O. Box 37, Princeton Junction, NJ	SW9-1520
NY	E Berman	11 St. Lawrence Pl Jericho	OV1-8171
NY	E Ullman Light	2156 Eastern Pkwy, Schenectady, NY	DI6-7997
NY	A Roberts	10 Birch Dr, Mount Kisco, NY	MT6-3005
Ohio	R Garner	5498 Woodbridge La. Dayton	AX8-4591
Ohio	R Matthews	3190 E. Overlook Rd Cleve	YE2-6418
Pa	W Monteiro	2589 Levick St Phila 49	CU9-9068
Pa	J Simmons	431 S College St Carlisle	CH9-4916
Pa	J Hagy	481 Nelson Dr, Media, Pa	LO6-1687
Tex	Glidden Engineering & Equipment Co	3602 Winchester St, Houston, Tex	CA4-6471
Wash	Harry Levinson Co	1117 Second Ave, Seattle, Wash	MA2-5433
Wisc	E A Dickinson Associates	4117 N. Green Bay Ave, Milwaukee, Wisc	CO4-1060
Canada	Titania Elec Corp Ltd of Can	Gananoque, Ontario, Canada	
	GYRA ELECTRONICS CORP	**P.O. Box 184, La Grange, Ill**	**FL4-4644**
	R Fiedler #1 *3 A 338-360-895-1135-1340		
Ala	Fred U Wamble	3457 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Ill	Dwight E Smith	32 S River St, Aurora, Ill	TW7-5752
Mass	Saunders & Co	8 Prospect St, Waltham 54	TW4-6771
NJ	Howard F Smith	255 W 14th St, New York 11, NY	CH2-2398
NY	Howard F Smith	255 W 14th St, New York 11, NY	CH2-2398
Pa	W F Satterthwaite	Box 664, Havertown, Pa	SU9-9600
	GYREX CORP., THE	**3003 Pennsylvania Ave, Santa Monica, Cal**	**EX3-8442**
	W Barton #5 *20 C 360-670-780-895-915-1075-1135-1150		
Cal	Ellerie Co	345 California Ave. Palo Alto	DA6-1655
Cal	Landis Assoc	8588 W Washington Blvd. Culver City	UP0-8697
Conn	Industron	300 Northern Blvd, Great Neck, NY	HU7-2620
Idah	Harry Levinson Co	1211 E Denny Way, Seattle, Wash	EA3-5100
Ill	Loren F Green & Associates	5218 W. Diversey Pkwy, Chicago, Ill	PA5-6824
Ind	Loren F Green & Associates	5218 W. Diversey Pkwy, Chicago, Ill	PA5-6824
Iowa	Loren F Green & Associates	5218 W. Diversey Pkwy, Chicago, Ill	PA5-6824
Me	Industron	300 Northern Blvd, Great Neck, NY	HU7-2620
Mass	Industron Co. The	8 Merrimack St, Lowell	GL3-0562
Minn	Loren F Green & Assoc	5218 W Diversey Pkway, Chicago, Ill	PA5-6824
NH	Industron	300 Northern Blvd, Great Neck, NY	HU7-2620
NJ	Industron	300 Northern Blvd, Great Neck, NY	HU7-2620
NY	Industron Co	300 Northern Blvd, Great Neck	HU7-2620
NY	Industron Co	200 E Genesee St, Syracuse 2	HA2-2054
Ore	Harry Levinson Co	1211 E Denny Way, Seattle, Wash	EA3-5100
Pa	Industron Co	5359 Oxford Ave, Philadelphia 24	PI4-0553
Pa	Industron	Western Saving Fund Bldg, Phila, Pa	KI6-4121
RI	Industron	300 Northern Blvd, Great Neck, NY	HU7-2620
Vt	Industron	300 Northern Blvd, Great Neck, NY	HU7-2620
Wash	Harry Levinson Co	1211 E Denny Way, Seattle	EA3-5100
Wisc	Loren F Green & Associates	5218 W. Diversey Pkwy, Chicago, Ill	PA5-6824
•	**H & H MACHINE CORP**	**Noble & Jackson Sts, Norristown, Pa**	**BR2-6453**
	J Smith #3 *40 B 615-715		
	H & H PRODUCTS CO	**766 Ramsey Ave. Hillside, NJ**	
	1120		
	H K METAL CRAFT MFG CORP	**3775 Tenth Ave, New York 34, NY**	**LO9-7500**
	H Foard #3 *58 E 645-750-1120-1125-1190-1295-1940		
Ariz	E J Foley	3840 N. Jokake Dr, Scottsdale, Ariz	WH5-4290
Cal	R J Sargent Co	P.O. Box 22103, Los Angeles 22, Cal	RA2-1233
Conn	O E Pfannkuch Co	952 Main St, Bridgeport, Conn	FO7-8673
Del	Russell T Brosius	1617 Pennsylvania Blvd, Phila 3, Pa	LO3-6784
Ga	G S Patton & Associates	Municipal Airport Terminal, Charlotte, NC	
Ill	Jerome K Blakeslee & Co	5730 N. Western Ave, Chicago 45, Ill	LO1-3669
Ind	Robert B Lay	6701 Norwalk Ave, Indianapolis	CL3-0278
Iowa	Glenn N Hunolt Agency	1405 Robinhood Ct, Kirkwood 22, Mo	YO6-4234
Kan	Standard Parts & Equipment Corp	904 N. Main, Ft Worth, Tex	ED6-2521
Md	Russell T Brosius	1617 Pennsylvania Blvd, Philadelphia 3, Pa	
Mass	O E Pfannkuch & Co	952 Main St, Bridgeport, Conn	
Mich	Russell S Knecht Co	860 Livernois Ave, Ferndale, Mich	
Mo	Glenn N Hunolt Agency	1405 Robinhood Ct, Kirkwood 22, Mo	YO6-4234
Neb	Glenn N Hunolt Agency	1405 Robinhood Ct, Kirkwood 22, Mo	YO6-4234
NJ	Russell T Brosius	1617 Pennsylvania Blvd, Phila 3, Pa	LO3-6784
NM	E J Foley	3840 N. Jokake Dr, Scottsdale, Ariz	WH5-4290
NY	Harry W Harding	17 Southgate Rd, Buffalo 15, NY	AM1164
NC	G S Patton & Associates	Municipal Airport Terminal, Charlotte, NC	EX2-1233
Ohio	K D DeLaney	227 Cheltenham Dr, Dayton 9, Ohio	OX0021
Ohio	Arthur Hills Co	14805 Arden Ave, Lakewood 7, Ohio	SU1-1855
Okla	Guy H Murray	904 N. Main, Ft. Worth, Tex	ED6-2521
Pa	Russell T Brosius	1617 Pennsylvania Blvd, Phila 3, Pa	LO3-6784
Pa	S Ray Simon	300 Michaels Dr, Irwin, Pa	OR3-5975
RI	O E Pfannkuch Co	952 Main St, Bridgeport, Conn	FO7-8673
SC	G S Patton Associates	Municipal Airport Terminal, Charlotte, NC	EX2-1233
Tenn	G S Patton Associates	Municipal Airport Terminals, Charlotte, NC	EX2-1233
Tex	Guy H Murray	904 N. Main, Ft. Worth, Tex	ED6-2521
Va	G S Patton Associates	Municipal Airport Terminal, Charlotte, NC	EX2-1233
Wash	Charles Pacher	420 First Ave, W. Seattle, Wash	AT4-1800
W. Va	G S Patton Associates	Municipal Airport Terminal, Charlotte, NC	EX2-1233
Wisc	J K Blakeslee & Co	5730 N. Western Ave, Chicago 45, Ill	LO1-3669
	H M H INDUSTRIES	**Ave 107 De La Grulla, San Clemente, Cal**	**HY2-6673**
	A 345		
	H-P-M DIV. KOEHRING CO	**Mount Gilead, Ohio**	**9351**
	E Oehling #40 *800 420-1075-1920		
Ala	Quinn/McKenzall/Quinn	2837 Cahaba Rd. Birmingham	
Ark	Frederic & Baker	725 Canal Bank Bldg. New Orleans, La	
Ariz	Machinery Sales Co	2838 Leonis Blvd, Los Angeles 58, Cal	
Cal	Machinery Sales Co	2838 Leonis Blvd, Los Angeles 58, Cal	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	B H S Machinery Co	717 Airport Blvd, S. San Francisco, Cal	
Colo	The Mine & Smelter Supply Co	3800 Race St, Denver 16, Colo	
Conn	H-P-M Div.-Koehring Co	708 Commerce Bldg. Worcester, Mass	SW1-4497
Del	H-P-M Div.-Koehring Co	352 Cedar Ln. Teaneck, NJ	TE6-1613
DC	The J H Elliot Co	2101 New York Ave, N.E., Wash 2, DC	
Fla	Harry P Leu Inc	100 W. Livingston Ave, Orlando, Fla	
Ga	Chandler Machinery Co	120 Houston St, N.E., Atlanta 3, Ga	
Idaho	Todd Machinery Co	140 W. 2nd St, Salt Lake City 7, Utah	
Ill	H-P-M Div.-Koehring Co	911 Busse Hwy, Park Ridge	TA3-3136
Iowa	H-P-M Div.-Koehring Co	911 Busse Hwy, Park Ridge, Ill	TA3-3136
Kan	Nuetzel Machinery Co	9140 E. 51 Hwy, Kansas City 33, Mo	
La	Frederic & Baker	725 Canal Bank Bldg, New Orleans, La	
Me	H-P-M Div.-Koehring Co	708 Commerce Bldg. Worcester, Mass	SW1-4496
Md	The J H Elliott Co	2102 NY Ave. NE, Washington, DC	
Mass	H-P-M Div.-Koehring Co	708 Commerce Bldg. Worcester	SW1-4496
Mich	H-P-M Div.-Koehring Co	2842 W. Grand Blvd. Detroit 2	TR5-5540
Minn	H-P-M Div.-Koehring Co	911 Busse Hwy. Park Ridge, Ill	TA3-3136
Miss	Frederic & Baker	100 Edwards St. Shreveport, La	
Mo	Nuetzel Machinery Co	3713 Washington Blvd, St. Louis 8, Mo	
Mont	The Mine & Smelter Supply Co	3800 Race St, Denver 16, Colo	
Neb	Mine & Smelter Supply Co	3800 Race St, Denver, Colo	
Nev	Machinery Sales Co	2838 Leonis Blvd, Los Angeles 58, Cal	
NH	H-P-M Div.-Koehring Co	708 Commerce Bldg. Worcester, Mass	SW1-4496
NJ	H-P-M Div.-Koehring Co	352 Cedar Ln. Teaneck	TE6-1613
NM	The Mine & Smelter Supply Co	3800 Race St, Denver 16, Colo	
NC	Smith - Courtney Co	Seventh & Bainbridge Sts, Richmond 11, Va	
NY	H-P-M Div.-Koehring Co	352 Cedar Ln. Teaneck, NJ	TE6-1613
Okla	Nuetzel Machinery Co	4407 S. Peoria, Tulsa, Okla	
Ore	Hallidie Machinery Co	1545 S.E. Union Ave, Portland	
Pa	H-P-M Div.-Koehring Co	512 Empire Bldg, Pittsburgh 22	GR1-6999
RI	H-P-M Div.-Koehring Co	708 Commerce Bldg, Worcester, Mass	SW1-4496
SC	Tidewater Supply Co., Inc	407-411 Gervais St, Columbia, SC	
SC	Tidewater Supply Co. Inc	407 Gervais St, Columbus	
SD	Mine & Smelter Supply Co	3800 Race St. Denver, Colo	
Tenn	Tidewater Supply Co., Inc	1506 Island Home Ave, S.E., Knoxville, Tenn	
Tex	Tri-State Machinery Co	3002 Commerce Bldg. Dallas	
Utah	Todd Machinery Co	140 W. Second St, Salt Lake City, Utah	
Vt	H-P-M Div.-Koehring Co	708 Commerce Bldg. Worcester, Mass	SW1-4496
Va	Smith-Courtney Co	Seventh & Bainbridge Sts, Richmond 11, Va	
Wash	Hallidie Machinery Co	210 Hudson St, Seattle 8, Wash	
W Va	H-P-M Div.-Koehring Co	512 Empire Bldg. Pittsburgh, Pa	GR1-6999
Wis	H-P-M Div.-Koehring Co	911 Busse Hwy. Park Ridge, Ill	TA3-3136
Wyo	Mine & Smelter Supply Co	3800 Race St. Denver, Colo	
	HRB SINGER INC	**Science Park, State College, Pa**	**AD7-7611**
	S Dance #450 *720 F 325-340-895-1135		
NJ	HRB-Singer, Inc	475 Watchung Ave. N Plainfield	PL7-8787
NY	HRB-Singer, Inc	396 5th Ave. New York 18	MU3-1248
Tex	Victor Sykes Associates	P O Box 35015, Dallas 35	FL2-6374
•	**HACKENSACK CABLE CORP**	**116 Orchard St. Hackensack, NJ**	**HU7-1100**
	A Brady Jr #3 *110 1960		
	HADLEY CO., INC., ROBERT M	**5112 S. Hoover St, Los Angeles 37, Cal**	
	320-895-1420-1855		
	HAGAN CHEMICALS & CONTROLS INC	**Hagan Center, Pittsburgh 30, Pa**	**WA2-3737**
	G 20-338-360-420-890-895-1245-1340-1855		
Ala	J W Eshelman & Co., Inc	1812-28th Ave, Birmingham 9, Ala.	TR9-3462
Ark	Hagan Chemicals & Controls	107 W. 12th St, Little Rock, Ark.	FR4-7745
Cal	Hagan Chemicals & Controls	1485 Bayshore Blvd, San Francisco 24	JU7-0786
Cal	Hagan Chemicals & Controls	3040 Tweedy Blvd, S. Gate, Cal	LO7-2364
Colo	Hagan Chemicals & Controls	7580 W. 16th Ave, Denver 15, Colo	BE7-2729
DC	Parr Engineering Co	7942 Wisconsin Ave, Washington 14, DC	OL6-4321
Ill	Hagan Chemicals & Controls	211 S. Main St, Lombard, Ill	HA7-1743
Ind	Hagan Chemicals & Controls	4526 Shady Ln, Indianapolis, Ind	LI7-9406
Iowa	Hagan Chemicals & Controls	6 Geneva Dr, Muscatine, Iowa	AM3-9915
Kan	Hagan Chemicals & Controls	506 Main St, Grandview, Mo	SO1-2036
La	Coastal Engineering Corp	1000 Tchoupitoulas St, New Orleans 10	EX2194
Mass	Ralph L Williams Inc	77 Summer St, Boston 10, Mass	HA6-3636
Mich	Hagan Chemicals & Controls	15623 W. McNichols Rd, Detroit 35, Mich	VE5-8336
Minn	Fuel Economy Engineering Co	510 New York Bldg, St. Paul 1, Minn	CA4-6481
Mo	Hagan Chemicals & Controls	9400 Manchester Ave, St. Louis 19, Mo.	WO1-7233
NM	Proveedores Tecnicos SA, DF, CV	Puebla 259, Mexico 7, DF, Mexico	25 44 67
NY	Simler & Sengstaken	271 Madison Ave, New York 16, NY	LE2-8316
NY	Simler & Sengstaken	1119 State St, Schenectady 4, NY	DI6-1135
NY	Hagan Chemicals & Controls	220 Delaware Ave, Buffalo 2, NY	MA9174
NC	Jos W Eshelman & Co	1808 Montford Dr, Charlotte 9, NC	JA3-3399
Ohio	Charles H Tate Co	13125 Shaker Sq, Cleveland 20, Ohio	WA1-6888
Ohio	Hagan Chemicals & Controls	1216 E. McMillan St, Cincinnati 6, Ohio	CA1-0067
Ore	Hagan Chemicals & Controls	7819 S.E. Powell Blvd, Portland 6, Ore.	PR4-1667
Pa	Parr Engineering Co	1518 Locust St, Philadelphia 2, Pa	KI5-0720
Tex	Maintenance Engineering Corp	3711 Clinton Dr, Houston 1, Tex	CA2-2351
Utah	Hagan Chemicals & Controls	146 W. 1800 St, Bountiful, Utah	AX5-4711
W. Va	Hagan Chemicals & Controls	418 8th St, Huntington 9, W. Va	JA2-0530
Wisc	Hagan Chemicals & Controls	4920 Joetta Dr, Brookfield, Wisc	SU1-8840
	HAGEN MFG CO DIV GAMEWELL CO	**104 Walnut St. Baraboo, Wis**	**EL6-4822**
	A Rommery #4 *70 C 360-1165-1460-1810		
Ala	McConnel Sales & Engineering Co	1561-28th Ave, S., Birmingham 9, Ala	TR1-3501
Ariz	Hundley Co	3282 Fletcher Dr, Los Angeles 65, Cal.	CL5-7111
Cal	Hundley Co	3282 Fletcher Dr, Los Angeles 65, Cal.	CL5-7111
Cal	Campbell & George Co	1601 Cortland Ave, San Francisco 10, Cal	MI8-1236
Colo	Peterson Company	4949 Colorado Blvd, Denver	DE3-5434
Conn	Gibson Engineering Co	141 Washington St, Hartford 6, Conn	CH7-6919
Fla	Ward Engineering Co., Inc	1015 W. Central Ave, Orlando, Fla	GA2-4295
Ga	Thomas B Conner Co	1823 Gordon Rd, S.W., Atlanta, Ga	PL8-5516
Ill	Kelburn Engineering Co	3136 Clarence Ave, Berwyn, Ill	ST8-6485
Iowa	Donald Corp., The	313 E 7th St. Des Moines, Iowa	CH3-7623
La	Thompson Equipment Co	4020 Thalia St. New Orleans	MA3885
Md	Harry M Wood & Co., Inc	124 Light St, Baltimore 2, Md	MU5-4643
Mass	Gibson Engineering Co	1018 Commonwealth Ave, Boston 15, Mass	AS7-5074
Mich	Ralph D Ernest Associates	12818 Puritan Ave, Detroit 27, Mich	UN1-7311
Minn	R A Lundbeck Co	1900 University Ave, St. Paul, Minn	MI6-4523
Mo	Timer & Equipment Co	330 E 31 St. Kansas City	WE1-7110
Mont	Richter Equipment Co	6945 Berkridge Court, Berkeley	JA4-4718
NY	Munhall Co	170 Franklin St. Buffalo 2	TL6-1212
NY	C H Ribble Co	31 DiCarolis Ct, Hackensack, NJ	DI2-2602

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TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
Ohio	That Way Associates	711 Washington St, Dayton 2	BA6-3461
Ohio	J L Finnigan & Associates	4500 Euclid Ave, Cleveland 3, Ohio	HE1-7477
Okla	C B Anderson Electric Co	732 Oil Capital Bldg, Tulsa 3, Okla	GI7-1139
Ore	Stanton & Leeland Instrument Co	4019 N.E. Union Ave, Portland 11, Ore	BU5-5289
Pa	Edgar M Moore & Co	5864 Thomas Blvd, Pittsburgh 8, Pa	EM1-6780
Pa	W F Keegan & Co	771 Shelbourne Rd, Upper Darby, Pa	FL2-1121
Tex	Lynn Elliott Co	372 W & M Bldg, Houston 2, Tex	CA4-9715
Utah	Watson & Co., Inc	4777 S. 1300 E., Salt Lake City 17, Utah	CR7-0486
Wash	Stanton & Leeland Instrument Co	2126 Second Ave, Seattle 1, Wash	MA3-7320
Canada	Davis Automatic Controls Ltd	P.O. Box 160, Islington, Ontario, Canada	BE3-3211
Foreign	Roche International Corp	13 E. 40th St, New York 16, NY	MU9-0300
	HAKE PRODUCTS INC	**6152 Wesigo Dr, Cincinnati, Ohio**	**BE1-4650**
	E Hake #1 *30 A 180		
Cal	Barstow & Daniel	1408 S. Grand Los Angeles 15, Cal	RI-6191
Cal	Treat-Johnson	845 Jessie, San Francisco, Cal	UN1-6209
Colo	Gordon Moss Electronics Inc	P.O. Box 426, Greeley, Colo	77
Fla	Stanley K Wallace Associates Inc	P.O. Box 67, Lutz, Fla	WE5-3241
Ill	E Ralph Holmes	549 Lake St., Oak Park, Ill	EV6-4470
Mass	Arthur E Alemayd Co	John Hancock Bldg, Boston 16, Mass	HA6-3433
Mich	J Watson Flora Inc	Territorial at Ridgewood, Plymouth, Mich	GL3-4286
Mo	William T McGary Co	6639 Delmar Blvd, St. Louis 5, Mo	PA5-6430
NY	Morris J Hacker Associates	217-18 48th Ave, Bayside 64, L I, NY	BA4-5061
NY	Maury Farber Associates	Root Bldg, Buffalo 2, NY	MO1543
Ohio	Edwards Lorton & Co	2123 E. 9th St, Cleveland 15, Ohio	TO1-5753
Pa	Harold Blumenstein	125 Cresswell Rd, Philadelphia 31, Pa	MI9-9523
Wash	William R Lanphear Co	3316 Western Ave, Seattle 1, Wash	MU0150
	HALEX, INC	**330 E Imperial Ave. El Segundo, Cal**	**EA2-2000**
	H Hansen #5 *12 B 110-330-335-338-895-915-1135-1150-1330-1475		
Ariz	Earl S Condon Co	3450 Wilshire Blvd, Los Angeles, Cal	DU1-3951
Cal	Earl S Condon Co	3450 Wilshire Blvd, Los Angeles	DU1-3951
Colo	Bowden Sales & Engineering Co	2229 C Wisc. NE, Albuquerque, NM	AX9-0473
DC	W F Satterthwaite	103 E Township Line Rd, Havertown, Pa	SU9-9600
Idaho	Compatronics	No. 7, Harford St, Seattle, Wash	MA4-5135
Md	W F Satterthwaite	103 E Township Line Rd, Havertown, Pa	SU9-9600
Mont	Compatronics	No. 7 Harford St, Seattle 4, Wash	MA4-5135
NJ	W F Satterthwaite	103 E Township Line Rd, Havertown, Pa	SU9-9600
NJ	Robert J Marcy Assoc	1776 Broadway, New York, NY	CI5-3800
NM	Bowden Engineering & Sales Co	2229-C Wisc. NE, Albuquerque	AX9-0473
NY	Robert J Marcy Assoc	1776 Broadway, New York	CI5-3800
NC	W F Satterthwait	103 E Township Line Rd, Havertown, Pa	SU9-9600
Okla	Edward G Miller, Jr, Co	P O Box 929, Henderson, Texas	5049
Ore	Compatronics	No. 7, Harford St, Seattle 4, Wash	MA4-5135
Pa	W F Satterthwaite	103 E Township Line Rd, Havertown	SU9-9600
SC	W F Satterthwaite	103 E Township Line Rd, Havertown, Pa	SU9-9600
Tex	Edward G Miller, Jr, Co	P O Box 929, Henderson	5049
Va	W F Satterthwaite	103 E Township Line Rd, Havertown, Pa	SU9-9600
Wash	Compatronics	No 7 Harford St, Seattle 4	MA4-5135
For	Conticals & Intl (Overseas) Co	15 E 40th St, New York, NY	MU5-5231
	HALL MFG. CO.	**3901 Wesley Terr. Schiller Park, Ill**	**TU9-7227**
	R Stadler 895		
	HALLAMORE ELECTRONICS DIV SEIGLER CORP	**714 N Brookhurst St. Anaheim, Cal**	**PR4-1010**
	H Starnes, Jr #58 *935 G 200-325-365-895-1405-1425-1470-1870-1910		
Ala	J P Smith Assoc	3113 Memorial Pkwy, S, Huntsville	JE6-4996
Cal	Hallamore Electronics Co	3474 Barton Dr, Sunnyvale, Cal	RE9-9950
Colo	Hallamore Electronics Div	430 S Navajo, Denver	SH4-2491
DC	Siegler Corp, The	1401 K St. NW, Washington	ME8-2800
Fla	Hallamore Electronics Co	245 Maplewood Dr, Maitland, Fla	MI7-5727
	HALLETT MFG CO	**5910 Bowcroft St, Los Angeles, Cal**	**UPO-7094**
	S Estes #3 *50 190-770-795-1475-1575-1580-1730		
Ariz	Howe Sales Agency	303 E McDowell, Phoenix	AL4-3148
DC	Holden Eng	1133 Gypsy Ln W, Towson 4, Md	VA3-3763
Ill	Anthony Miller	3620 Sacramento Ct, Carpentersville	HA6-1522
Md	Holden Eng	1133 Gypsy Ln W, Towson 4	VA3-3763
Mich	John Noyes	36040 Sherbone Dr, Mt. Clemens	HO3-5985
Mo	Thunderbird Eng	3926 Main St, Kansas City	WE1-9779
NY	Ernest Wagner & Assoc	638 Lincoln Ave, Pompton Lakes, NJ	TE5-2012
	HALLIBURTON ENTERPRISES INC, MFG DIV	**4724 S Boyle Ave. LA 58, Cal**	**LU8-3181**
	B Saumer #6 *200 E 135-180-230-1120-1865		
Can	E E Whittaker Electronics Ltd	2 Neapolitan Dr. Scarboro, Ont	AX3-3161
Canada	Whittaker Electronics Ltd	2137 Niagara Dr, Ottawa, Ontario, Canada	CE4-4686
•	**HALLICRAFTERS CO**	**4401 W 5th Ave. Chicago 24, Ill**	**VA6-6300**
	25-35-45-60-150-155-190-200-315-325-338-348-360-370-385-775-825-885-895-1075-1135-1190-1395-1425-1435-1455-1460-1610-1730-1810-1845-1870-1960		
Ala	W Ray Self	912 Bob Wallace Ave. SW, Huntsville	JE6-5412
Cal	Wm J Long	513 E. Manchester Blvd, Inglewood	OR2-6041
Mass	Charlton E Davis	Lowell Rd, Concord	EM9-2835
NJ	James R Spencer	Box 425, Lincroft	SH7-2369
NY	Robert W Mark	225 N. Wash. St, Rome	FF6-5880
Ohio	Earl L Giffin	Box 568, Far Hills Branch, Dayton 9	AX8-5239
Okla	Thomas H Pretorius	7558 SE. 15th St. Okla. City	PE7-2456
Va	H Kenneth Hudson	601 Lakeview Dr. Falls Church	CL6-7977
	HALM INSTRUMENT CO., INC	**Glen Head Rd, Glen Head, NY**	**OR6-6700**
	J Gordon #5 *40 C 1075		
	HALOGEN INSULATOR & SEAL CORP	**9960 Pacific Ave, Franklin Park, Ill**	**GL5-9000**
	750-975-1290-1960		
Conn	Hatten P Chase & Co	41 Hampton Knolls, Holyoke, Mass	JE3-0168
Fla	Rodgers & Associates Inc	1025 Maplewood Dr, Orlando, Fla	GA2-0284
Ga	Rodgers & Associates Inc	1025 Maplewood Dr, Orlando, Fla	GA2-0284
La	Crosle Engineering Co	P.O. Box 12115, New Orleans, La	AM3294
Mass	Hatten P Chase & Co	41 Hampton Knolls, Holyoke, Mass	JE3-0168
Mich	Gibb & Co	15000 W. 8 Mile Rd, Detroit, Mich	DI1-9270
Minn	McGee Engineering Co	2015 N. Hersehel, St. Paul 13, Minn	MI4-2767
Mo	S-A-W Engineering Co	2207 Hanley Industrial Ct, St. Louis, Mo	MI7-2141
NJ	Beemer Engineering Co	1965 Morris Ave, Union, NJ	MU8-0834
NY	Beemer Engineering Co	122 E. 42nd St, New York, NY	OX7-3080
Ohio	Frank Wass Smith	13417 Cedar Rd, Cleveland 8, Ohio	ER1-4892
Pa	Beemer Engineering Co	401 N. Broad St, Philadelphia 8, Pa	WA2-0800
Vt	Hatten P Chase & Associates	41 Hampton Knolls, Holyoke, Mass	JE3-0168
Va	Beemer Engineering Co	218 Fifth St, Richmond 19, Va	RI2-5475
Wash	Bearings Sales & Service Inc	2925 6th Ave, Seattle 4, Wash	MU2-0331
Wisc	Robt Kurnacki Associates	2163 N. Wells, Milwaukee 3, Wisc	DI4-3620
	HAMILTON-HALL RESISTOR CORP	**227 N. Water St, Milwaukee 2, Wisc**	**BR3-6460**
	B Rubinstein *80 1475		
Ala	Paul Hayden Assoc	P O Box 331, East Point, Ga	PO6-0261
Alaska	Richard Legg Co	1623 N.W. 21st St, Portland 9, Ore	CA3-3720
Ark	Antle Smith Delzell Sales	2728 Brookfield, Dallas, Tex	FL7-7279
Cal	Walco Sales	P O Box 2446, Sepulveda	EM2-6920
Colo	Kinether-Cox Co	1325 S Inca St, Denver	PE3-5561
Conn	W B Pray Sales	44 Washington St, Wellesley Hills, Mass	CE5-3199
Del	H A Goodman	401 W. Mt. Airy Ave, Philadelphia 19, Pa	CH7-7116
DC	H A Goodman	401 W. Mt. Airy Ave, Philadelphia 19, Pa	
Fla	Paul Hayden Assoc	27 E Underwood St, Orlando	
Ga	Paul Hayden Assoc	P O Box 331, East Point	PO6-0261
Idaho	Richard Legg Co	1623 NW 21st Ave, Portland, Ore	CA2-1353
Ill	W A Hurtienne	5825 Lincoln Ave, Chicago 45, Ill	LO1-0156
Ind	Robert O Whitesell & Associates	6620 E. Washington, Indianapolis 19, Ind	FL9-5374
Iowa	Mel Foster	2402 Hennepin Ave, Minneapolis 5, Minn	FR4-2612
Kan	A T Thibau Co	21C W 8th St, Kansas City, Mo	VI2-7057
Ky	R O Whitesell & Assoc., Inc	6620 E Washington, Indianapolis, Ind	FL9-5374
La	Antle-Smith-Delzell Sales	2728 Brookfield, Dallas, Tex	FL7-7279
Me	W B Pray Sales	44 Washington St, Wellesley Hills, Mass	CE5-3199
Md	H A Goodman	401 W Mt Airy Ave, Philadelphia, Pa	CH7-7116
Mass	W B Pray Sales	44 Washington St, Wellesley Hills, Mass	CE5-3199
Mich	R O Whitesell & Assoc., Inc	6620 E Washington, Indianapolis, Ind	FL9-5374
Minn	Mel Foster Co., Inc	2402 Hennepin Ave, Minneapolis	FR4-2612
Miss	Paul Hayden Associates	P.O. Box 331, East Point, Ga	PO6-0261
Mo	A T Thibau Co	21C W 8th St, Kansas City	VI2-7057
Mont	Richard Legg Co	1623 NW 21st St, Portland, Ore	CA2-1353
Neb	Mel Foster Co., Inc	2402 Hennepin Ave, Minneapolis, Minn	FR4-2612
Neb	Kinether-Cox Co	1325 S Inca St, Denver, Colo	PE3-5561
NH	W B Pray Sales	44 Washington St, Wellesley Hills 81, Mass	CE5-3199
NJ	S A Shaw Co	361 Central Park Ave, Yonkers, NY	YO3-5700
NM	Kinether-Cox Co	1325 S Inca St, Denver, Colo	PE3-5561
NY	Wilson H Zimmerman Inc	11? Dewitt St, Syracuse, NY	GR4-4089
NY	S A Shaw Co	361 Central Park Ave, Yonkers	YO3-5700
NC	Paul Hayden Assoc	411 W 5th St, Burlington	
ND	Mel Foster Co., Inc	2402 Hennepin Ave, Minneapolis, Minn	FR4-2612
Ohio	H H Seay Co	3890 Faslington St, Columbus 21, Ohio	HU8-9994
Okla	Antle-Smith-Delzell Sales	2721 Brookfield, Dallas, Tex	FL7-7279
Ore	Richard Legg Co	1623 NW 21st Ave, Portland	CA2-1353
Pa	H A Goodman	401 W Mt Airy Ave, Philadelphia	CH7-7116
RI	W B Pray Sales	44 Washington St, Wellesley Hills, Mass	CE5-3199
SC	Paul Hayden Associates	P.O. Box 331, East Point, Ga	PO6-0261
SD	Mel Foster Co., Inc	2402 Hennepin Ave, Minneapolis, Minn	FR4-2612
Tenn	Paul Hayden Associates	P.O. Box 331, East Point, Ga	PO6-0261
Tex	Antle-Smith-Delzell Sales	2721 Brookfield, Dallas	FL7-7279
Utah	Kinether-Cox Co	1325 S Inca St, Denver, Colo	PE3-5561
Vt	W B Pray Sales	44 Washington St, Wellesley Hills, Mass	CE5-3199
Va	H A Goodman	401 W Mt Airy Ave, Philadelphia, Pa	CH7-7116
Wash	Richard Legg Co	1965 6th Ave, Seattle 4	MU2-7764
W Va	H H Seay Co	3890 Faslington St, Columbus, Ohio	HU8-9994
Wisc	Dave Dale Sales	2563 W. Petersen Ave, Chicago, Ill	JU8-3738
Wyo	Kinether-Cox Co	1325 S Inca St, Denver, Colo	PE3-5561
Canada	Glendon Co Ltd., The	600 Evans Ave, Toronto 14, Ont, Can	CL5-5001
Foreign	Minthorne International Co., Inc	15 Moore St, New York 4, NY	BO9-6272
	HAMILTON MFG CO	**Two Rivers, Wisc**	**351**
	C Rippe #200 *2200 G 100		
Cal	John Cowley	33 N "B" St, San Mateo	DI4-0707
Colo	Wm Horslit & Co	1648 Wazee, Denver	AM6-2691
DC	J T Steffen	927 15th St NW, Washington	EX3-2250
Ga	Charles E Coffon	3142 Argonne Dr NW, Atlanta	CE7-8123
Haw	Paul Story	1400 Kapiolani Blvd, Honolulu	935574
Ill	D F Bacon	Merchandise Mart Plaza, Chicago	DE7-1477
Iowa	E F Binger	3247 Bever Circle Dr SE, Cedar Rapids	EM3-8020
La	L C Lehman	Box 4264, New Orleans	UN1-4565
Mass	R H Gibson	476 Boston Post Rd, Weston	TW9-0070
Mich	B F Farrell	436 W 7 Mile Rd, Detroit	TO8-9231
Mo	Len A Moore	8500 Eager Rd, St Louis	WO2-4000
NY	George W Wagler	18 Patricia St, Binghamton	PA9-1555
NY	Charles Colligan	479 Merrick Rd, Lynbrook	LY3-5392
Ohio	John Smith	37 7 Eastern Ave. Cincinnati	EA1-8274
Pa	C E Hughes	327 5th Ave, Pittsburgh	GR1-2222
Tex	Carl L Blake	2200 Forest Park Blvd. Ft Worth	WA3-1605
Wash	Grey V Sweet	Box 1594, Wallingford Sta, Seattle	LA4-3807
Wis	L A Moore	4211 N 35th St, Milwaukee	HI5-2440
	HAMILTON STANDARD DIV. UNITED AIRCRAFT CORP	**Broad Brook, Conn**	**NA3-1621**
	A Perley #280 *700 20-35-275-280-320-338-350-365-380-470-585-615-670-675-895-915-1075-1165-1455-1920		
Cal	Hamilton Standard Div	7823 Beverly Dr, Beverly Hills	BR2-4491
DC	Hamilton Standard Div	1612 K St. NW, Washington	ST3-5180
Ohio	Hamilton Standard Div	Hulman Bldg, Dayton	BA4-0714
	HAMILTON WATCH CO. INDUSTRIAL PRODUCTS DIV.	**Lancaster, Pa**	**EX4-7161**
	J Sander #135 *1600 E 320-755-895-1120-1690-1855		
•	**HAMLIN INC**	**Lake & Grove Sts, Lake Mills, Wisc**	**200**
	R Ferguson #3 *30 C 1735-1855		
Ariz	Automatic General Electronic Sales Co	6550-B Troost Ave, Kansas City 31, Mo	DE3-8206
Cal	McKnight Co	1400 El Camino Real, Menlo Park, Cal	DA6-3752
Cal	Walter W Coman	7402 W. 80th St, Los Angeles 45, Cal	OR0-2520
Colo	Automatic General Electronic Sales Co	6550-B Troost Ave, Kansas City 31, Mo	DE3-8206
Conn	White Sales Co	945 Great Plain Ave, Needham 92, Mass	MI4-3676
Del	W F Satterthwaite	P.O. Box 664, Havertown, Pa	SU9-9600
DC	W F Satterthwaite	P.O. Box 664, Havertown, Pa	SU9-9600
Fla	DuBovy Associates	622 N Orange Ave, Orlando	CH1-1884
Ill	Anthony Gratz & Assoc	5811 W Montrose Ave, Chicago	SP7-9525
Ill	Automatic General Electronic Sales	6550-B Troost, Kansas City, Mo	DE3-8206
Iowa	Automatic General Electronic Sales	6550-B Troost, Kansas City, Mo	DE3-8206
Kan	Automatic General Electronic Sales	6550-B Troost, Kansas City, Mo	DE3-8206
Ky	J Murray	Box 28, Westwood Br, Cincinnati, Ohio	HU1-9726
Me	White Sales Co	945 Great Plain Ave, Needham 92, Mass	MI4-3676
Md	W F Satterthwaite	P.O. Box 664, Havertown, Pa	SU9-9600
Mass	White Sales Co	945 Great Plain Ave, Needham 92, Mass	MI4-3676
Mich	Gordon Reichold & Assoc	3555 House St, Belmont	GL1-1449
Minn	Anthony Gratz & Assoc	5811 W Montrose Ave, Chicago, Ill	SP7-9525
Mo	Automatic General Electronic Sales	6550-B Troost, Kansas City	DE3-8206
Nev	McKnight Co	1400 El Camino Real, Menlo Park, Cal	DA6-3752
NH	White Sales Co	945 Great Plain Ave, Needham 92, Mass	MI4-3676
NJ	John Hammond Inc	34 Lincoln Ave, Greenwich, Conn	NO1-9410
NJ	W F Satterthwaite	P.O. Box 664, Havertown, Pa	SU9-9600
NM	Automatic General Electronic Sales	6550-B Troost Ave, Kansas City 31, Mo	DE3-8206
NY	John S Hammond Inc	34 Lincoln Ave, Greenwich, Conn	NO1-9410
NC	W F Satterthwaite	P.O. Box 664, Havertown, Pa	SU9-9600
Ohio	Joseph Airgood	742 Berwin Ave, Pittsburgh 26, Pa	LE1-3539
Ohio	J Murray	Box 28, Westwood Br, Cincinnati, Ohio	HU1-9726
Pa	Joseph Airgood	742 Berwin Ave, Pittsburgh 26, Pa	LE1-3539
Pa	W F Satterthwaite	P.O. Box 664, Havertown, Pa	SU9-9600
RI	White Sales Co	945 Great Plain Ave, Needham 92, Mass	MI4-3676
SC	W F Satterthwaite	P.O. Box 664, Havertown, Pa	SU9-9600
Tex	Automatic General Electronic Sales	6550-B Troost Ave, Kansas City 31, Mo	DE3-8206
Vt	White Sales Co	945 Great Plain Ave, Needham 92, Mass	MI4-3676
Va	W F Satterthwaite	P.O. Box 664, Havertown, Pa	SU9-9600
Wis	Anthony Gratz & Assoc	5811 W Montrose Ave, Chicago	SP7-9525
For	Richard Brownell	Box 374, Arlington Heights, Ill	CL3-4496
Canada	Electrodesign	706 Notre Dame St, W., Montreal, Que	UN6-7067
	HAMMARLUND MFG CO. INC	**460 W 34 St. New York 1, NY**	**LO5-1300**
	A Avellone #35 *350 C 220-1425-1890		
Ala	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta 9, Ga	TR6-3020
Ariz	Vanderbilt Enterprises	111 N La Cienega, Beverly Hills, Cal	OL2-6300
Ark	John B Guenther	4533 N. Central Expwy, Dallas 5, Tex	LA8-6286
Cal	King-Moon Co	13273 Ventura Blvd, Studio City, Cal	ST7-5450
Cal	Vanderbilt Enterprises	111 N La Cienega Blvd, Beverly Hills	OL2-6300
Cal	R W Thompson Assoc	614 N San Antonio Rd, Palo Alto	DA1-6383
Colo	Vanderbilt Enterprises	111 N La Cienega, Beverly Hills, Cal	OL2-6300
Colo	W B Gilliner	1559 Chester St, Aurora 8, Colo	EM6-0208
Conn	R S Pettigrew & Co	10 N. Main St, W. Hartford, Conn	AD2-8633
Del	Wm Beck Assoc	19 E 27 St, Baltimore, Md	BE5-5336
Del	Ken Randall Co	121 N Broad St, Philadelphia, Pa	LO4-2151
DC	Wm Beck Assoc	19 E 27 St, Baltimore, Md	BE5-5336
Fla	Joel Gearber Co	235 Lincoln Rd, Miami Beach, Fla	JE1-0200
Ga	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta 9, Ga	TR6-3020
Hawaii	Jim Hastin Sales Co	Box 2098, Honolulu 5, Hawaii	511-756
Idaho	Vanderbilt Enterprises	111 N La Cienega, Beverly Hills, Cal	OL2-6300
Idaho	W B Gilliner	1559 Chester St, Aurora 8, Colo	EM6-0208
Ill	Harry W Gebhard	3129 W. Devon Ave, Chicago 30, Ill	
Ill	W E Fry & Co, Inc	436 W 34th St, Kansas City, Mo	JE1-5236
Ind	R R Humacher, Assoc	6668 Northwest Hwy, Chicago, Ill	NE1-3248
Ind	Machado, Schroeder & Loomis	820 E. 64th St, Indianapolis 20, Ind	CL5-6770
Ind	Harry W Gebhard	3129 W. Devon Ave, Chicago 30, Ill	
Iowa	W E Fry & Co, Inc	436 W 34th St, Kansas City, Mo	JE1-5236
Kan	W E Fry & Co	436 W. 34th St, Kansas City 11, Mo	JE1-5236
Ky	Machado, Schroeder & Loomis	820 E. 64th St, Indianapolis 20, Ind	CL5-6770
La	John B Guenther	4533 N. Central Expwy, Dallas 5, Tex	LA8-6286
Md	Wm Beck Assoc	19 E 27 St, Baltimore	BE5-5336
Md	Ken Randall Co	121 N Broad St, Philadelphia, Pa	LO4-2151
Mass	R S Pettigrew & Co	10 N. Main St, W. Hartford, Conn	AD2-8633
Mich	Burcke-Cowan Co	22128 Grand River Ave, Detroit 19, Mich	KE3-7700
Minn	Wm Engletretson Co	906 Ottawa Ave, St. Paul 8, Minn	CA2-2308
Miss	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta 9, Ga	TR6-3020
Mo	W E Fry & Co	436 W. 34th St, Kansas City 11, Mo	JE1-5236
Mont	W B Gilliner	1559 Chester St, Aurora 8, Colo	EM6-0208
Neb	W B Gilliner	1559 Chester St, Aurora 8, Colo	EM6-0208
Neb	W E Fry & Co, Inc	436 W 34th St, Kansas City, Mo	JE1-5236
Nev	R W Thompson Assoc	614 N San Antonio Rd, Palo Alto, Cal	DA1-6383
NH	R S Pettigrew & Co	10 N. Main St, W. Hartford, Conn	AD2-8633
NJ	Ken Randall Co	121 N Broad St, Philadelphia, Pa	LO4-2151
NJ	E R A Inc	340 Great Neck Rd, Great Neck, NY	HU2-8020
NJ	Wm Beck Assoc	19 E 27 St, Baltimore, Md	BE5-5336
NJ	Joseph Ross	282 W 24th St, Deer Park, NY	MO7-9138
NM	W B Gilliner	1559 Chester St, Aurora 8, Colo	EM6-0208
NM	Vanderbilt Enterprises	111 N La Cienega, Beverly Hills, Cal	OL2-6300
NY	E R A Inc	340 Great Neck Rd, Great Neck	HU2-8020
NY	Joseph Ross	282 W 24th St, Deer Park	MO7-9138
NC	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta 9, Ga	TR6-3020
ND	Wm Engletretson Co	906 Ottawa Ave, St. Paul 8, Minn	CA2-2308
Ohio	Burcke & Cowan	22128 Grand River Ave, Detroit, Mich	KE3-7700
Okla	John B Guenther	4533 N. Central Expwy, Dallas 5, Tex	LA8-6286
Ore	Ray Johnston Co	1011 E. 69 St, Seattle 15, Wash	LA4-5170
Pa	Ken Randall Co	121 N Broad St, Philadelphia	LO4-2151
Pa	Wm Beck Assoc	19 E 27 St, Baltimore, Md	BE5-5336
Pa	Burcke & Cowan	22128 Grand River Ave, Detroit, Mich	KE3-7700
RI	R S Pettigrew & Co	10 N. Main St, W. Hartford, Conn	AD2-8633
SC	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta 9, Ga	TR6-3020
SD	Wm Engletretson Co	906 Ottawa Ave, St. Paul 8, Minn	CA2-2308
Tenn	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta 9, Ga	TR6-3020
Tex	John B Guenther	4533 N. Central Expwy, Dallas 5, Tex	LA8-6286
Utah	W B Gilliner	1559 Chester St, Aurora 8, Colo	EM6-0208
Va	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta 9, Ga	TR6-3020
Va	Wm Beck Assoc	19 E 27 St, Baltimore, Md	BE5-5336
Va	Ken Randall Co	121 N Broad St, Philadelphia, Pa	LO4-2151
Wash	Ray Johnston Co	1011 E. 69 St, Seattle 15, Wash	LA4-5170
W. Va	Burcke-Cowan Co	22128 Grand River Ave, Detroit 19, Mich	KE3-7700
Wis	R R Humacher Assoc	6668 Northwest Hwy, Chicago, Ill	NE1-3248
Wisc	Wm Engletretson Co	906 Ottawa Ave, St. Paul 8, Minn	CA2-2308
Wisc	Harry W Gebhard	3129 W. Devon Ave, Chicago 30, Ill	
Wyo	W B Gilliner	1559 Chester St, Aurora 8, Colo	EM6-0208
Canada	Ahearn & Soper Co., Ltd	384 Bank St, Ottawa 4, Canada	CE6-9441
Canada	White Radio Ltd	41 West Ave, Hamilton, Ontario, Canada	JA2-1715
For	EeKotel G. A.	Apartado 4545 Este, Caracas, Venezuela	2957
Foreign	Sales Representatives in all principal countries		
	HAMMOND MFG CO LTD	**Guelph, Ontario**	**TA2-2960**
	K Hammond #6 *250 E 55-135-180-230-270-320-365-765-865-895-920-1245-1390-1420-1855		

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	HAMMER ELECTRONICS CO	**P. O. Box 531, Princeton, NJ**	**PE7-1320**
	G Mauchel #9 *70 D 250-338-895-1135-1245-1340-1810-1990		
Ala	Col-Ins-Co. Inc	5728 Precision Dr. Orlando, Fla	CH1-1501
Cal	McCarthy Associates	1055 E. Walnut St, Pasadena, Cal	MU1-7411
Cal	McCarthy Associates	635 Oak Grove Ave, Menlo Park, Cal	DA6-7937
Cal	McCarthy Associates	3460 Ingraham St, San Diego 9, Cal	BR4-1100
Conn	Raytronics Co	11 Brown Rd, Swampscott, Mass	LY2-7601
Del	Hammer Electronics Co. Inc	2405 59th Pl. Cheverly, Md	SP2-5579
DC	Hammer Electronics Co. Inc	2405 59th Pl. Cheverly, Md	SP2-5579
Fla	Col-Ins-Co. Inc	5728 Precision Dr. Orlando	CH1-1501
Ga	Col-Ins-Co. Inc	5728 Precision Dr. Orlando, Fla	CH1-1501
Idah	Rush S Drake Assoc. Inc	Box 2126, Idaho Falls	
Ill	Ben Z Rubin Co	607 N. Grove Ave. Oak Park	EU3-0171
Ind	Ben Z Rubin Co	607 N. Grove Ave. Oak Park, Ill	EU3-0171
Ind	Ben Z Rubin Co	515 E. Grand Ave. Springfield, Ohio	FA2-5893
Ky	Ben Z Rubin Co	515 E. Grand Ave. Springfield, Ohio	FA2-5893
Me	Raytronics Co	11 Brown Rd. Swampscott, Mass	LY2-7601
Md	Hammer Electronics Co. Inc	2405 59th Pl. Cheverly	SP2-5579
Mass	Raytronics Co	11 Brown Rd. Swampscott	LY2-7601
Mich	Ben Z Rubin Co	12828 Fenkell Ave. Detroit	8644958
Miss	Col-Ins-Co. Inc	5728 Precision Dr. Orlando, Fla	CH1-1501
Mont	Rush S Drake Assoc	1817 Norman St. Seattle 22, Wash	
NH	Raytronics Co	11 Brown Rd. Swampscott, Mass	LY2-7601
NJ	Landtear Enterprises	P.O. Box 68, Nutley, NJ	NO7-2900
NC	Col-Ins-Co. Inc	5728 Precision Dr. Orlando, Fla	CH1-1501
Ohio	Ben Z Rubin Co	515 E. Grand Ave. Springfield	FA2-5893
Ore	Rush S Drake Assoc	1817 Norman St. Seattle 44, Wash	
Pa	H P Ransford Co	5400 Clairton Blvd. Pittsbgh	TU4-3425
RI	Raytronics Co	11 Brown Rd. Swampscott, Mass	LY2-7601
SC	Col-Ins-Co. Inc	5728 Precision Dr. Orlando, Fla	CH1-1501
Tenn	Col-Ins-Co. Inc	5728 Precision Dr. Orlando, Fla	CH1-1501
Vt	Raytronics Co	11 Brown Rd. Swampscott, Mass	LY2-7601
Va	Hammer Electronics, Inc	2405 59th Pl. Cheverly, Md	SP2-5579
Wash	Rush S Drake Assoc	1817 Norman St. Seattle 14	
W.Va	H E Ransford Co	5400 Clairton Blvd, Pittsburgh 36, Pa	TU4-3425
Wis	Ben Z Rubin Co	607 N. Grove Ave. Oak Park, Ill	EU3-0171
Foreign	Henley & Co	202 E. 44th St, New York 17, NY	YU6-5544
Foreign	Schneider Henley & Co	Maximilianplatz 12A, Munchen 2, Germany	
	HAMPDEN MFG CO., INC	**Box 88, Three Rivers, Mass**	**AT3-3451**
	C Day #1 *25 B 1290-1785		
Conn	Thomas Reidy	Box 289, Avon, Conn	OL8-5553
NJ	Harold Martin Inc	165 Palisades Ave, Cresskill, NJ	WI7-2762
NY	Harold Martin Inc	165 Palisades Ave, Cresskill, NJ	WI7-2762
NY	Oren Lanzendorf	513 Cumberland Ave, Syracuse 10, NY	
Pa	N Porreca	Barclay Bldg, Bala Cynwyd	TR8-8353
	HANDLEY INC	**12960 Panama St, Los Angeles 66, Cal**	**UP0-7950**
	1330		
Ala	Specialized Equipment Co	Box 323, Cocoa Beach, Fla	SU3328
Alaska	Howell Sales Inc	2029 McGilura Blvd, Seattle 2, Wash	MU2-8290
Ariz	E J Foley & Associates	3840 N. Jokake Dr, Scottsdale, Ariz	WH5-4290
Cal	El Berman Co	450 Ninth St, San Francisco, Cal	UN3-0317
Colo	Howell Sales Inc	4637 Dudley, Arvada, Colo	AC2-6862
Conn	Electronic Components & Service	Box 35, Newton Centre, Mass	KE6-8581
Del	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
DC	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Fla	Specialized Equipment Co	Box 323, Cocoa Beach, Fla	SU3328
Ga	Specialized Equipment Co	Box 323, Cocoa Beach, Fla	SU3328
Idaho	Howell Sales Inc	2029 McGilura Blvd, Seattle 2, Wash	MU2-8290
Ill	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	RO3-1570
Ind	Ellinger Sales Corp	5214 Forrest Ave, Ft. Wayne, Ind	
Iowa	Ellinger Sales Corp	309 4th St, S.E. Charlon, Iowa	
Kan	Lee Mark Associates	Box 8467, Kansas City, Mo	JA3-9299
Me	Electronic Components & Service	Box 35, Newton Centre, Mass	KE6-8581
Md	Samuel Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Mass	Electronic Components & Serv	Box 35, Newton Centre, Mass	KE6-8581
Mich	Willis L Trombley & Son	3035 E. Grand Blvd, Detroit 2, Mich	TR1-6067
Miss	Specialized Equipment Co	Box 323, Cocoa Beach, Fla	SU3328
Mo	Lee Mark Associates	Box 8467, Kansas City, Mo	JA3-9299
Mont	Howell Sales Inc	2029 McGilura Blvd, Seattle 2, Wash	MU2-8290
Neb	Lee Mark Associates	Box 8467, Kansas City, Mo	JA3-9299
Nev	E L Berman Co	450 9th St, San Francisco, Cal	UN3-0317
NH	Electronic Components & Service	Box 35, Newton Centre, Mass	KE6-8581
NJ	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
NM	E J Foley & Associates	3840 N. Jokake Dr, Scottsdale, Ariz	WH5-4290
NY	Leo Jacobson & Co., Inc	1366 Kenmore Ave, Buffalo 23, NY	DE0442
NY	John W Richardt Co	Rt 46, Pine Brook, NJ	CA8-0600
NC	Specialized Equipment Co	Box 323, Cocoa Beach, Fla	SU3328
Ohio	C A Robinson Co	4143 Mayfield Rd, Cleveland 21, Ohio	EV1-9049
Ohio	C A Robinson Co	333 W. 1st St, Dayton 2, Ohio	BA2-0832
Okla	Koch Engineering & Sales	Meadows Bldg, Dallas 6, Tex	EM1-1765
Ore	Howell Sales Inc	2029 McGilura Blvd, Seattle 2, Wash	MU2-8290
Pa	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
RI	Electronic Components & Serv	Box 35, Newton Centre, Mass	KE6-8581
SC	Specialized Equipment Co	Box 323, Cocoa Beach, Fla	SU3328
Tenn	Specialized Equipment Co	Box 323, Cocoa Beach, Fla	SU3328
Tex	Koch Engineering & Sales	Meadows Bldg, Dallas 6, Tex	EM1-1765
Utah	Howell Sales Inc	4637 Dudley, Arvada, Colo	AC2-6862
Vt	Electronic Components & Serv	Box 35, Newton Centre, Mass	KE6-8581
Va	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Wash	Howell Sales Inc	2029 McGilura Blvd, Seattle 2, Wash	MU2-8290
W. Va	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Wisc	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	RO3-1570
Wyo	Howell Sales Inc	4637 Dudley, Arvada, Colo	AC2-6862
•	**HANDY & HARMAN**	**850 3rd Ave. NY 22, NY**	**PL2-3400**
	E Tietz #21 *900 G 315-700-1125-1240-1350-1635-1960		
Cal	Handy & Harman	330 N. Gibson Rd, El Monte, Cal	CU3-8181
Cal	Handy & Harman	1299 Bayshore Blvd, Burlingame, Cal	DI2-2800
Conn	Handy & Harman	Bridgeport 1, Conn	CL9-8321
Ill	Handy & Harman	1900 W. Kinzie St, Chicago 22, Ill	SE3-1234
Mich	Handy & Harman	19363 James Couzens Hwy, Detroit	VE8-8480
Ohio	Handy & Harman	4402 W. 215 St, Cleveland 26, Ohio	ED3-2166
RI	Handy & Harman	425 Richmond St, Providence 3, RI	JA1-4100
Tex	Handy & Harman	5840 Williamstown Rd, Dallas 30, Tex	AD9-2717
Canada	Handy & Harman of Canada Ltd	141 John St, Toronto 2B, Canada	EM8-6171

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	HANIBAL GLASS INC	**3025 S Kilson Dr. Santa Ana, Cal**	**KI9-0371**
	R Plumbo #1 B 900-930-1890		
	HANSEN MFG CO., INC	**P. O. Box 23, Princeton, Ind**	**FU5-3415**
	1165		
Cal	Electric Motor Engineering Inc	8255 Beverly Blvd, Los Angeles, Cal	OL1-3220
Conn	Winslow Electric Co	Main St, Chester, Conn	LA6-5323
Ill	The Fromm Co	5150 W. Madison St, Chicago, Ill	ES8-4141
Mass	Winslow Electric Co	Main St, Chester, Conn	LA6-5323
Minn	The Fromm Co	5150 W. Madison St, Chicago, Ill	ES8-4141
NJ	Winslow Electric Co	123 E. 37th St, New York City, NY	MU5-9235
NY	H C Johnson Agencies Inc	111 Mt. Hope Ave, Rochester 20, NY	HA6-1090
NY	H C Johnson Agencies Inc	422 Niagara Falls Blvd, Buffalo, NY	AM4591
NY	H C Johnson Agencies Inc	9 Ivan Ln, Binghamton, NY	RA3-5889
NY	H C Johnson Agencies Inc	404 E. Genessee St, Fayetteville, NY	NE7-9383
NY	Winslow Electric Co	123 E. 37th St, New York City, NY	MU5-9235
Ohio	Winslow Electric Co	270 N. Main St, Chagrin Falls, Ohio	CH7-8587
Pa	H C Johnson Agencies Inc	422 Niagara Falls Blvd, Buffalo, NY	
Pa	Winslow Electric Co	1434 Land Title Bldg, Philadelphia 6	LO6-1846
RI	Winslow Electric Co., Inc	Main St, Chester, Conn	LA6-5323
Wisc	The Fromm Co	5150 W. Madison St, Chicago, Ill	ES8-4141
	HARDER CO, DONALD C	**2580 K St, San Diego, Cal**	**BE9-0021**
	D Harder #2 *10 B 320-895-1075-1855		
	HARDMAN CO., INC, H Y	**571 Cortlandt St, Belleville, NJ**	**PL9-1242**
	900-1290-1375		
•	**HARDWICK HINDLE INC**	**40 Hermon St, Newark 5, NJ**	**MA2-8200**
	M Hoovath #10 *500 E 1475-1480		
Cal	Elsner-Osborn Co	1124 Crenshaw Blvd. Los Angeles	WE7-1175
Cal	Bernard L Cahn Co	420 Market St, San Francisco 11, Cal	SU1-7981
Conn	Hardwick Hindle Inc	76 Rainbow Terr, Salem, Mass	PI4-5209
Del	Ferrele S Carmine	14 Knickerbocker Dr, Newark, Del	EN8-7063
DC	Electronic Specialties Co	P O Box 5516, Washington	WH6-1512
Fla	Component Sales Corp	P O Box 178, N Miami Beach	WI5-7721
Ill	Hill & Gray	41 1/2 Harrison St, Oak Park	EU3-0373
Mass	Hardwick Hindle Inc	76 Rainbow Terr, Salem, Mass	PI4-5209
Mich	R S Lohman	12730 Frenkell, Detroit	UN2-9465
Minn	Bonament Hoyde	6101 Auto Club Rd, Memphis 20, Minn	TU1-9166
Mo	E B Schwerin Co	4210 Main St. Kansas City	WE1-7564
Mo	Joseph Giovdano	817 Gerald Ave. St Louis	JA1-8725
NY	P B Eyre	67 Oak Grove Dr, Buffalo, NY	PL4-363
NC	B F Schiffer Co	P O Box 6365, Greensboro	BR3-5578
Ohio	Henger Fairfield Co	1812 Columbus Rd, Cleveland	CH1-1018
Pa	E M Moore & Co	6964 Thomas Blvd, Pittsburgh	EM1-8780
Pa	Parajuu Sales Co	111 S. 22nd St, Philadelphia	RI6-7060
Pa	F S Carmine	14 Knickerbocker Dr, Newark, Del	
Tex	John B Guenther	4533 N. Central Expwy, Dallas	LA8-6286
Wash	Ray Johnson Co	1011 E. 6th St, Seattle, Wash	LA4-5170
Canada	John Herring Co	3468 Dundas St, Toronto, Canada	RO2-9824
Foreign	Rocke International Corp	13 E. 40th St, New York City	MU9-0200
	HARMON-KARDON INC	**Ames Ct, Plainview, NY**	**OV1-4000**
	M Rosenberg #35 *400 F 895-955-1425-1675-1895		
Ala	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery	AM2-1573
Alaska	Wm R Lanphear Co	3215 Western Ave, Seattle, Wash	AT4-8150
Ariz	I R Stern & Co	4109 Burbank Blvd, Burbank, Cal	VI9-1195
Ark	Delzell-Maynard Sales Co	2013 Cedar Springs, Dallas, Tex	RA2027
Cal	Sinai-Johnson Co	845 Jessie St, San Francisco 3, Cal	UN1-6259
Cal	I R Stern & Co	4109 Burbank Blvd, Burbank, Cal	VI9-1195
Colo	R G Bowen Co	721 S. Broadway, Denver 9, Colo	RA2-4641
Conn	Willson Sales Co	60 Beach, Marblehead, Mass	NE1-4016
Conn	Lawrence B Cole Co	21 Radcliffe Rd, Weston, Mass	CO7-2886
Del	Harold Blumenstein	123 Crosshill Rd, Philadelphia, Pa	MI9-9523
Del	S W Simberkoff Co	68 Hudson St, Hoboken, NJ	WH3-7023
DC	Harold Blumenstein	123 Crosshill Rd, Philadelphia, Pa	MI9-9523
DC	Howard Golempaul	Arlington Towers, Arlington, Va	
Fla	Winfield Electric Sales Co	666 N.E. 125 St, N. Miami, Fla	PL1-5566
Ga	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	AM2-1573
Hawaii	I R Stern & Co	4109 Burbank Blvd, Burbank, Cal	VI9-1195
Idaho	Wm R Lanphear Co	3215 Western Ave, Seattle, Wash	AT4-8150
Ill	George Petitt Co., Inc	349 N. Ashland Ave, River Forest, Ill	CO1-0342
Ind	Charles Scheffler Co	1133 Navajo Trail, Indianapolis 8, Ind	CL3-6337
Iowa	Heimann Co, The	1711 Hawthorne, Minneapolis 3, Minn	FE2-5457
Kan	Earl Wennberg	6636 Agnes, Kansas City 30, Mo	JA3-2126
Ky	Charles Scheffler Co	1133 Navajo Trail, Indianapolis 8, Ind	CL3-6337
La	Delzell-Maynard Sales Co	2013 Cedar Springs, Dallas, Tex	RA2027
Me	Willson Sales Co	60 Beach, Marblehead, Mass	NE1-4016
Me	Lawrence B Cole Co	21 Radcliffe Rd, Weston, Mass	CO7-2886
Md	Harold Blumenstein	123 Crosshill Rd, Philadelphia, Pa	MI9-9523
Md	Howard Golempaul	Arlington Towers, Arlington, Va	
Mass	Willson Sales Co	60 Beach, Marblehead, Mass	NE1-4016
Mass	Lawrence B Cole Co	21 Radcliffe Rd, Weston, Mass	CO7-2886
Mich	Robert Milsk Co	19371 James Couzens Hwy, Detroit	BR3-3652
Minn	Heimann Co., The	1711 Hawthorne, Minneapolis 3, Minn	FE2-5457
Miss	Robert G Thomas	942 S. 53 St, Birmingham, Ala	LY2-4715
Mo	Earl Wennberg	6636 Agnes, Kansas City 30, Mo	JA3-2126
Mont	William R Lanphear Co	3215 Western Ave, Seattle, Wash	AT4-8150
Neb	Heimann Co., The	1711 Hawthorne, Minneapolis 3, Minn	FE2-5457
Nev	Sinai-Johnson Co	845 Jessie St, San Francisco 3, Cal	UN1-6259
NH	Willson Sales Co	60 Beach, Marblehead, Mass	NE1-4016
NH	Lawrence B Cole Co	21 Radcliffe Rd, Weston, Mass	CO7-2886
NJ	Stang Sales Co	271 Columbus Ave, Tuckahoe, NY	SP9-6868
NJ	Harold Blumenstein	123 Cross Hill Rd, Philadelphia, Pa	MI9-9523
NJ	S W Simberkoff	68 Hudson St, Hoboken, NJ	WH3-7023
NM	R G Bowen Co	721 S. Broadway, Denver 9, Colo	RA2-4641
NY	S W Simberkoff Co	68 Hudson St, Hoboken, NJ	WH3-7023
NY	John Spagnuolo	17 John David Ln, Albany, NY	
NY	Stang Sales Co	271 Columbus Ave, Tuckahoe, NY	SP9-6868
NC	Fred Wamble Sales Co	3867 Sherwood Dr. Montgomery, Ala	AM2-1573
ND	Heimann Co., The	1711 Hawthorne, Minneapolis 3, Minn	FE2-5457
Ohio	James H Podolny Co	5912 Pennsylvania Ave, Pittsburgh 6, Pa	HI1-0800
Okla	Delzell-Maynard Sales Co	2013 Cedar Springs, Dallas, Tex	RA2027
Ore	William R Lanphear Co	3215 Western Ave, Seattle, Wash	AT4-8150
Pa	Harold Blumenstein	123 Crosshill Rd, Philadelphia, Pa	MI9-9523
Pa	S W Simberkoff Co	68 Hudson St, Hoboken, NJ	WH3-7023
Pa	J H Podolny Co	5912 Pennsylvania Ave, Pittsburgh 6, Pa	HI1-0800
RI	Willson Sales Co	60 Beach, Marblehead, Mass	NE1-4016

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
RI	L B Cole Co	21 Radcliffe Rd, Weston, Mass	CO7-2886
SC	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	AM2-1573
SD	Heimann Co., The	1711 Hawthorne, Minneapolis 3, Minn	FE2-5457
Tenn	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	AM2-1573
Tex	Delzell-Maynard Sales Co	2013 Cedar Springs, Dallas, Tex	RA2027
Utah	R G Bowen Co	721 S. Broadway, Denver 9, Colo	RA2-4641
Vt	Willson Sales Co	60 Beach, Marblehead, Mass	NE1-4016
Vt	L B Cole Co	21 Radcliffe Rd, Weston, Mass	CO7-2886
Va	S W Simberkoff Co	68 Hudson St, Hoboken, NJ	WH3-7023
Wash	William R Lanphear Co	3215 Western Ave, Seattle, Wash	AT4-8150
W. Va	J H Podolny Co	5912 Pennsylvania Ave, Pittsburgh 6, Pa	HI1-0800
Wisc	George Petitt Co	349 N. Ashland Ave, River Forest, Ill	CO1-0342
Wisc	Heimann Co., The	1711 Hawthorne, Minneapolis 3, Minn	FE2-5457
Wyo	R G Bowen Co	721 S. Broadway, Denver 9, Colo	RA2-4641
Can	C W Pointon Ltd	66 Racine Rd, Rexdale, Ont	CH7-8777
Foreign	Electronics Mfg Export Co	127 Grace St, Plainview, NY	WE1-3701
	HARMON LICHTENSTEIN & CO	**26 Broadway, New York 4, NY**	**HA2-8395**
	R Harmon 1125		
	HAROWE SERVO CONTROL INC	**Mount & Red Hill Rds. Lenni Mills, Pa**	**GL9-3600**
	G Weisner #8 *100 E 338-895-1165-1745		
Ariz	H Gee & Assoc	5333 S. Sepulveda Blvd. Culver City, Cal	EX1-5515
Cal	H Gee & Assoc	5333 S. Sepulveda Blvd. Culver City	
Conn	R G Kitchen	1253 Highland Ave. Needham 94, Mass	HI9-0234
Del	Danco Corp	Fairview Village, Pa	BR5-2600
DC	Danco Corp	Fairview Village, Pa	BR5-2600
Ill	Ridgway Assoc	6100 W. North Ave. Chicago 39	TU9-5715
Ind	Ridgway Assoc	1224 N. Capitol Ave. Indpls 2	ME5-2401
Md	Danco Corp	Fairview Village, Pa	BR5-2600
Mass	R G Kitchen	1253 Highland Ave. Needham 94	HI9-0234
Mich	Ridgway Assoc	3384 12 Mile Rd. Berkeley	LI6-3312
Minn	Northport Eng	1729 Selby Ave. St. Paul	MI6-2621
NJ	Danco Corp	Fairview Village, Pa	BR5-2600
NY	Repco Electronic Sales	25 Broad Ave. Palisades Park, NJ	OX5-6380
NY	Naylor Electric Co	1718 Erie Blvd. Syracuse	GR2-9183
Ohio	Ridgway Assoc	3898 Linden Ave. Dayton 32	CL2-5604
Pa	Danco Corp	Fairview Village	BR5-2600
Wis	Northport Eng	1729 Selby Ave. St. Paul, Minn	MI6-2621
	HARPER ELEC. FURNACE CORP	**110 Pearl St. Buffalo 2, NY**	**TL6-5366**
	735		
Ariz	T C Jarrett Co	95 S. Ammons St, Denver 15, Colo	BE3-2333
Cal	John H Lease	Box 246, Sta A, Palo Alto, Cal	VA6-2122
Cal	Lombard Smith Co	714 W. Olympic Blvd, Los Angeles 15, Cal	RI8-5345
Colo	T C Jarrett Co	95 S. Ammons St, Denver 15, Colo	BE3-2333
Conn	C E Barba Jr	10 N. Main St, Doylestown, Pa	FI8-9161
Conn	George A Chutter	15 Exchange Pl, Jersey City 2, NJ	DE2-1700
Del	C E Barba Jr	10 N. Main St, Doylestown, Pa	FI8-9161
DC	C E Barba Jr	10 N. Main St, Doylestown, Pa	FI8-9161
Hawaii	George A Chutter	15 Exchange Pl, Jersey City 2, NJ	DE2-1700
Ill	R Edward Stemm	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Ind	R Edward Stemm	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Iowa	R Edward Stemm	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Iowa	T C Jarrett	95 S. Ammons St, Denver 15, Colo	BE3-2333
Kan	T C Jarrett Co	95 S. Ammons St, Denver 15, Colo	BE3-2333
Me	George A Chutter	15 Exchange Pl, Jersey City 2, NJ	DE2-1700
Md	C E Barba Jr	10 N. Main St, Doylestown, Pa	FI8-9161
Mass	George A Chutter	15 Exchange Pl, Jersey City 2, NJ	DE2-1700
Mich	Charles H Armstrong Co	570 Livernois Ave, Ferndale 20, Mich	LI4-1305
Minn	Howard W Carlson	123 S. Third St, Minneapolis 1, Minn	FE5-7172
Mo	R E Stemm-W Pugh-J Schack	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Mo	T C Jarrett Co	95 S. Ammons St, Denver 15, Colo	BE3-2333
Neb	T C Jarrett Co	95 S. Ammons St, Denver 15, Colo	BE3-2333
NH	George A Chutter	15 Exchange Pl, Jersey City 2, NJ	DE2-1700
NJ	George A Chutter	15 Exchange Pl, Jersey City 2, NJ	DE2-1700
NJ	C E Barba Jr	10 N. Main St, Doylestown, Pa	FI8-9161
NM	T C Jarrett Co	95 S. Ammons St, Denver 15, Colo	BE3-2333
NY	C E Barba Jr	10 N. Main St, Doylestown, Pa	FI8-9161
NY	E F Burke Inc	17002 Miles Ave, Cleveland 28, Ohio	WY1-8272
NY	George A Chutter	15 Exchange Pl, Jersey City 2, NJ	DE2-1701
NY	William J Sommers Co., Inc	835 Englewood Ave, Buffalo 23, NY	AT7800
Ohio	E F Burke Inc	17002 Miles Ave, Cleveland 28, Ohio	WY1-8272
Ohio	Charles H Armstrong Co	570 Livernois Ave, Ferndale 20, Mich	LI4-1305
Okla	T C Jarrett Co	95 S. Ammons St, Denver 15, Colo	BE3-2333
Ore	H E Hartley Co	Term Bldg. Boeing Fld. Seattle, Wash	PA5-7120
Pa	C E Barba Jr	10 N. Main St, Doylestown, Pa	FI8-9161
Pa	E F Burke Inc	17002 Miles Ave, Cleveland 28, Ohio	WY1-8272
RI	George Chutter	15 Exchange Pl, Jersey City 2, NJ	DE2-1700
Tex	Griggs Co., Inc	2601 San Jacinto, Houston 4, Tex	
Utah	T C Jarrett Co	95 S. Ammons St, Denver 15, Colo	BE3-2333
Vt	George A Chutter	15 Exchange Pl, Jersey City 2, NJ	DE2-1700
Va	C E Barba Jr	10 N. Main St, Doylestown, Pa	FI8-9161
Wash	H E Hartley Co	223 Term. Bldg. Boeing Fld, Seattle 8	PA5-7120
W. Va	E F Burke Co., Inc	17002 Miles Ave, Cleveland 28, Ohio	WY1-8272
Wisc	R E Stemm, Carlson	123 S. Third St, Minneapolis 1, Minn	FE5-7172
Wisc	R E Stemm, Schack	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Canada	Amco Furnace Contractors Ltd	Disco Rd, Rexdale, Ontario, Canada	BU6-2741
	HARPER-LEADER INC	**1046 S. Main St, Waterbury 20, Conn**	**PL6-8164**
	P Sloane *6 B 315-1305		
•	**HARREL INC**	**1788 First Ave, New York, NY**	**SA2-3683**
	H Harris 338-360-895-915-1420-1660		
Ala	J Neal & Co	3931 S.W. 5th Terr, Miami, Fla	HI4-1118
Ark	Servo/Electronics Products Co	Box 13371, Dallas, Tex	FL1-4653
Cal	Beall Electronic Sales Co	P O Box 907, Palo Alto	DA1-8501
Conn	Ress Engineering Sales	259 Walnut St. Newtonville 60, Mass	LA7-4932
Del	Technicraft Co	6222 Ridge Ave, Phila 28, Pa	IV2-2323
Fla	J Neal & Co	3931 S.W. 5th Terr, Miami, Fla	HI4-1118
Ga	J Neal & Co	3931 S.W. 5th Terr, Miami, Fla	HI4-1118
Ill	Edward Magnuson Co	3349 W. Irving Park Rd, Chicago	JU8-2613
Ind	Edward Magnuson Co	3349 W. Irving Park Rd, Chicago 18, Ill	JU8-2613
Iowa	Edward Magnuson Co	3349 W. Irving Park Rd, Chicago 18, Ill	JU8-2613
Kan	Servo/Electronics Products Co	P. O. Box 13371, Dallas, Tex	FL1-4653
Me	Ress Engineering Sales	259 Walnut St. Newtonville 60, Mass	LA7-4932
Md	Technicraft Co	6222 Ridge Ave, Phila 28, Pa	IV2-2323

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
Mass	Ross Engineering Sales	259 Walnut St. Newtonville 60	LA7-4592
Mich	McCormic & Pearce Co	16666 James Couzens Hwy. Detroit 21	UN2-0017
Minn	Edward Magnuson Co	3349 N. Irving Park Rd, Chicago 18, Ill	JU8-2613
Nev	Beall Electronics Sales Co	P O Box 907, Palo Alto, Cal	DA1-4501
NH	Ross Engineering Sales	259 Walnut St. Newtonville 60, Mass	LA7-4592
NJ	Technicraft Co	6222 Ridge Ave, Phila 28, Pa	IV2-2323
NY	Alan E DeCew Agency	P O Box 73, Sodus	HT3-3261
Ohio	McCormic & Pearce Co	16666 J Couzens Hwy. Detroit, Mich	UN2-0017
Okla	Servo/Electronics Products Co	Box 13371, Dallas, Tex	FL1-4653
Pa	Technicraft Co	6222 Ridge Ave, Phila 28, Pa	IV2-2323
RI	Ross Engineering Sales	259 Walnut St. Newtonville 60, Mass	LA7-4592
Tex	Servo/Electronics Products Co	P. O. Box 13371, Dallas	FL1-4653
VT	Ross Engineering Sales	259 Walnut St. Newtonville 60, Mass	LA7-4592
Wisc	Edward Magnuson Co	3349 N. Irving Park Rd, Chicago 18, Ill	JU8-2613
	HARRINGTON & KING PERFORATING CO	**5655 W. Fillmore, Chicago 44, Ill**	
	1100		
	HARRIS MFG. CO. INC	**300 River St. Cambridge 39, Mass**	**UN4-4000**
	R Jamison #3 *25 D 250-370		
Cal	Sales Engineers, Ltd	7919 Monroe St. Paramount	NE6-8809
Cal	Peninsula Associates	1345 Hancock St. Redwood City	EM9-1226
Conn	Robert P Douglas	2 Hollow Spring Rd. S Norwalk	VO6-8257
Conn	Robert Harkins	567 Elm St. New Haven	LO2-3312
Ill	Jelinek Co., The	496 Elmwood Dr. Glen Ellyn	CE6-3469
Kan	Stephens Machinery Co	9830 Par Ln. Wichita	WH2-3611
Md	J P Pfeiffer & Son, Inc	200 N Paca St. Baltimore	PL2-3167
Mass	Harold Osborn	153 Sherman Rd. Chestnut Hill	HO9-2351
Minn	Yale Engineers, Inc	3012 Clinton Ave. S, Minneapolis	TA7-5331
Mo	Stephens Machinery Co	3019 Broadway, Kansas City	LO1-2123
Mo	Stephens Machinery Co	8145 Aline Blvd. St Louis	WY1-0502
NY	Eastern Welding Eqpt Co	775 Old Country Rd. Westbury	ED3-0118
Okla	Stephens Machinery Co	1419 E 6th St. Tulsa	LU7-4904
Pa	Day Engineering Co. Inc	P O Box 535, King of Prussia	BR9-0100
Tex	Southwestern Engr. & Equip. Co	4045 Lemmon Ave. Dallas	LA6-7433
•	**HARRISON LABORATORIES INC**	**45 Ind. Rd. Berkeley Hts. NJ**	**464-1234**
	A Derbes #6 *50 330-1130-1340		
Ala	W A Brown & Assoc	3405 Lookout Dr. SE. Huntsville	JE6-8393
Alas	Hawthorne Electronics	112 Adm. Bldg. Boeing Fld. Seattle, Wash	PA5-1460
Ariz	Moxon Electronics Corp	489 S. Robertson Blvd, Beverly Hills, Cal	BR2-3311
Ark	Ecklund Electronic Sales Co	P.O. Box 12151, Ft. Worth, Tex	PE8-9773
Cal	Moxon Electronics Corp	489 S. Robertson Blvd, Beverly Hills, Cal	BR2-3311
Cal	Moxon Electronics Corp	15 W. 41st Ave, San Mateo, Cal	FI5-7961
Cal	Moxon Electronics Corp	4434 Ingraham St, San Diego, Cal	HU8-2901
Colo	Scientific Instrument	1460 Pennsylvania St, Denver 3, Colo	AL5-2777
Conn	Instrument Associates	734 Asylum Ave, Hartford 5, Conn	CH6-5686
Del	Brimberg Assoc	1343 H St. NW. Washington, DC	DI7-4234
DC	Brimberg Assoc	1343 H St. NW. Washington	DI7-4234
Fla	W A Brown & Assoc	201 Capron Rd. Indian River City	AM7-0411
Ga	W A Brown & Assoc	201 Capron Rd. Indian River City, Fla	AM7-0411
Hawaii	Kentron Hawaii Ltd	1140 Waimanu St, Honolulu, Hawaii	53-975
Ill	Lowell Co	4124 Siokama Terr, Skokie	OR6-2063
Ind	Lowell Co	1022 Elliott Madison Hts, Royal Oak, Mich	LI7-5371
Ky	Dayton Assoc	Talbott Tower, Dayton 2, Ohio	BA3-9621
La	Ecklund Electronic Sales Co	P.O. Box 12151, Ft. Worth, Tex	PE8-9773
Me	Instrument Associates	30 Park Ave, Arlington 74, Mass	
Me	Instrument Assoc	30 Park Ave. Arlington, Mass	MI8-2922
Md	Brimberg Assoc	110 E. Pa. Ave. Towson 4	VA3-0855
Mass	Instrument Associates	30 Park Ave, Arlington 74, Mass	MI8-2922
Mich	Dayton Assoc	13332 Kennebec, Southgate	AV5-3125
Miss	W A Brown & Assoc	3405 Lookout Dr. SE. Huntsville, Ala	JE6-8393
Nev	Moxon Electronics Corp	489 S. Robertson Blvd, Beverly Hills, Cal	BR2-3311
NH	Instrument Associates	30 Park Ave, Arlington 74, Mass	MI8-2922
NJ	G Curtis Engel & Associates Inc	210 S. Broad St, Ridgewood, NJ	GI4-1400
NY	SBM Assoc	232 Roosevelt Dr, Utica	RE2-4410
NY	SBM Assoc	Nowlan Rd, RD. #1, Binghamton	RA2-2848
NY	SBM Assoc	1343 N. Fayette St. Syracuse 4	HO8-5041
NY	SBM Assoc	177 Winton Rd. N. Rochester	OL4-8440
NY	G Curtis Engel & Associates Inc	210 S. Broad St, Ridgewood, NJ	GI4-1400
NC	W A Brown & Assoc	1707 Princeton St. SW, Winston-Salem	PA5-5384
Ohio	Dayton Assoc	8211 Avery Rd. Clevel.	JA6-3990
Ohio	Dayton Associates	Talbott Tower, Dayton 2	BA3-9621
Okla	Ecklund Electronic Sales Co	P.O. Box 12151, Ft. Worth, Tex	PE8-9773
Ore	Hawthorne Electronics	700 SE. Hawthorne Blvd. Portland	BE4-9375
Pa	G C Engel & Assoc	N. Whitehall Rd. RD. #3, Norristown	WA2-3270
Pa	Dayton Assoc	Talbott Tower, Dayton 2, Ohio	BA3-9621
RI	Instrument Associates	30 Park Ave, Arlington 74, Mass	MI8-2922
SC	W A Brown & Assoc	1707 Princeton St. SW, Winston-Salem, NC	PA5-5384
Tenn	W A Brown & Assoc	3405 Lookout Dr. SE. Huntsville, Ala	JE6-8393
Tex	Ecklund Electronic Sales Co	P.O. Box 12151, Ft. Worth, Tex	PE8-9773
Utah	Scientific Instrument Co	1460 Pennsylvania St, Denver 3, Colo	AL5-2777
Vt	Instrument Associates	734 Asylum Ave, Hartford 5, Conn	CH6-5686
Va	Brimberg Assoc	1343 H St. NW. Washington 5, DC	DI7-4234
Wash	Hawthorne Electronics	112 Adm. Bldg. Boeing Field, Seattle	PA5-1460
W Va	Dayton Assoc	Talbott Tower, Dayton 2, Ohio	BA3-9621
W. Va	Dayton Associates	Talbott Tower, Dayton 2, Ohio	BA3-9621
Wis	Lowell Co., The	4124 Siokama Terr. Skokie, Ill	OR6-2063
Wyo	Scientific Instrument Co	1460 Pennsylvania St. Denver 3, Colo	AL5-2777
•	**HARSHAW CHEMICAL CO**	**1945 E. 97th St, Cleveland 6, Ohio**	**RA1-8300**
	***2200 G 220-235-240-410-445-885-895-1215-1520-1880-1990**		
Cal	Harshaw Chemical Co	3237 S. Garfield Ave, Los Angeles 22, Cal	RA3-3161
Ill	Harshaw Chemical Co	4025 S. California Ave, Chicago 32, Ill	RE7-1000
Mich	Harshaw Chemical Co	9240 Hubbell Ave, Detroit 28, Mich	VE6-6800
NY	Zinsser Div Harshaw Chemical Co	Hastings-On-Hudson 6, NY	GR8-1400
Ohio	Harshaw Chemical Co	6265 Wiehe Rd, Cincinnati 13, Ohio	RE1-9100
Pa	Harshaw Chemical Co	Jackson & Swanson Sts, Phila 48, Pa	HO2-4700
Pa	Harshaw Chemical Co	Ft. Duquesne Blvd, Pittsburgh 22, Pa	AT1-7940
Tex	Harshaw Chemical Co	6622 Supply Row, Houston 11, Tex	WA3-1627
•	**HART MFG CO**	**242 Bartholomew Ave, Hartford 1, Conn**	**JA5-3491**
	#35 *385 E 360-1460-1735		
Ala	William H Lloyd	Box 13348 Sta K, Atlanta, Ga	ME6-4265
Ariz	Westron Sales & Engineering	7407 Melrose Ave, Los Angeles 46, Cal	WE3-7276
Ark	Robert C Lamb	3034 Binkley, Dallas 5, Tex	EM3-4045
Cal	Westron Sales & Engineering	7407 Melrose Ave, Los Angeles 46, Cal	WE3-7276

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
Colo	Hytronic Measurements Inc	1295 S Bannock St, Denver 23	PE3-3701
Conn	Jewett F Schrumm	74 Carol Dr, Cheshire, Conn	BR2-8509
Del	L G White & Co	880 Bonifant St, Silver Spring, Md	JU5-3141
DC	L G White & Co	880 Bonifant St, Silver Spring, Md	JU5-3141
Fla	Chris Small	P.O. Box 1346, Orlando, Fla	GA4-2771
Ga	William H Lloyd	Box 13348 Sta K, Atlanta	ME6-4265
Idah	Hytronic Measurements Inc	1295 S Bannock St, Denver, Colo	PE3-3701
Ill	Jerry U Willman	605 W. Washington Blvd, Chicago, Ill	AN3-4050
Ind	A E Dussault	2457 Woodward Ave, Detroit 1, Mich	WO2-6100
Iowa	Jerry U Willman	605 W. Washington Blvd, Chicago, Ill	AN3-4050
Kan	Jerry U Willman	605 W. Washington Blvd, Chicago, Ill	AN3-4050
Ky	A E Dussault	2457 Woodward Ave, Detroit 1, Mich	WO2-6100
La	Robert C Lamb	3034 Binkley, Dallas 5, Tex	EM3-4045
Me	Jewett F. Schrumm	74 Carol Dr, Cheshire, Conn	BR2-8509
Md	L G White & Co	880 Bonifant St, Silver Spring, Md	JU5-3141
Mass	Jewett F Schrumm	74 Carol Dr, Cheshire, Conn	BR2-8509
Mich	A E Dussault	2457 Woodward Ave, Detroit 1, Mich	WO2-6100
Minn	Jerry U Willman	605 W. Washington Blvd, Chicago, Ill	AN3-4050
Mo	Jerry U Willman	605 W. Washington Blvd, Chicago, Ill	AN3-4050
Neb	Hytronic Measurements Inc	1295 S Bannock St, Denver Colo	PE3-3701
NH	Jewett F Schrumm	74 Carol Dr, Cheshire, Conn	BR2-8509
NJ	Frank E Barranco	Graybar Bldg, New York, NY	LE2-2381
NM	Hytronic Measurements Inc	211 Sierra SE, Albuquerque	AL5-0659
NY	Frank E Barranco	Graybar Bldg, New York, NY	LE2-2381
NC	L G White & Co	880 Bonifant St, Silver Spring, Md	JU5-3141
Ohio	V C Jones	P.O. Box 241, Grand River, Ohio	EL7-7541
Okla	Robert C Lamb	3034 Binkley, Dallas 5, Tex	EM3-4045
Ore	H D Campbell	220 Ninth, N., Seattle, Wash	MA4-3252
Pa	Frank E Barranco	1434 Land Title Bldg, Philadelphia, Pa	LO3-5586
Pa	V C Jones	P.O. Box 241, Grand River, Ohio	EL7-7541
RI	Jewett F Schrumm	74 Carol Dr, Cheshire, Conn	BR2-8509
SC	William H Lloyd	Box 13348 Sta K, Atlanta, Ga	ME6-4265
Tenn	William H Lloyd	Box 13348 Sta K, Atlanta, Ga	ME6-4265
Tex	Robert C Lamb	3034 Binkley, Dallas 5	EM3-4045
Utah	Hytronic Measurements Inc	2022 S Main St, Salt Lake City	HU6-4924
Vt	Jewett F Schrumm	74 Carol Dr, Cheshire, Conn	BR2-8509
Va	L G White & Co	880 Bonifant St, Silver Spring, Md	JU5-3141
Wash	L G White & Co	880 Bonifant St, Silver Spring, Md	JU5-3141
W Va	Victor C Jones	Box 241, Grand River, Ohio	EL7-7541
Wis	Jerry U Willman	605 W. Washington Blvd, Chicago, Ill	AN3-4050
For	Macton-Wright Corp	PO Box 1856, Hamden, Conn	AT8-1618
	HARTFORD CITY PAPER CO	**S. Spring St, Hartford City, Ind**	**2057**
	900		
	HARTLEY PRODUCTS CO	**519 E 162 St, New York 51, NY**	**LU5-4239**
	R Schaetterer #2 *4 A 55-1675		
Ala	Wm Gray & Associates	1737 Beacon Hill Blvd, Atlanta 6, Ga	ME4-3227
Ariz	P H Powell	3975 Westlin Ave, Sherman Oaks, Cal	ST9-4078
Cal	P H Powell	3975 Westlin Ave, Sherman Oaks, Cal	ST9-4078
Colo	Paul Walker	6725 W 30th Ave, Denver 15, Colo	
Ga	Wm Gray & Associates	1737 Beacon Hill Blvd, Atlanta 6, Ga	ME4-3227
La	Wm Gray & Associates	1737 Beacon Hill Blvd, Atlanta 6, Ga	ME4-3227
Mich	Hartley Products Co	397 W 21st St, Holland, Mich	EX6-6809
Miss	Wm Gray & Associates	1737 Beacon Hill Blvd, Atlanta 6, Ga	ME4-3227
Mont	P H Powell	3975 Westlin Ave, Sherman Oaks, Cal	ST9-4078
Nev	P H Powell	3975 Westlin Ave, Sherman Oaks, Cal	ST9-4078
NM	P H Powell	3975 Westlin Ave, Sherman Oaks, Cal	ST9-4078
NC	Wm Gray & Associates	1737 Beacon Hill Blvd, Atlanta 6, Ga	ME4-3227
Ohio	Bruce Hagen	1079 Juneau, Akron, Ohio	TE6-6419
Ore	P H Powell	3975 Westlin Ave, Sherman Oaks, Cal	ST9-4078
SC	Wm Gray & Associates	1737 Beacon Hill Blvd, Atlanta 6, Ga	ME4-3227
Tenn	Wm Gray & Associates	1737 Beacon Hill Blvd, Atlanta 6, Ga	ME4-3227
Wash	P H Powell	3975 Westlin Ave, Sherman Oaks, Cal	ST9-4078
Wyo	Paul Walker	6725 W 30th Ave, Denver 15, Colo	
For	Tel-Tech Corp	431 Fifth Ave, New York, NY	MU3-2400
Can	J J MacQuarrie	45 St. George St, Toronto, Ontario, Can	
	HARTWELL CORP	**9035 Venice Blvd. LA 34, Cal**	**UP0-3781**
	A Pugh #15 *275 E 645-790		
Ill	Hartwell Corp., The	5143 W. Diversey, Chicago	ME7-6696
Kan	Hartwell Corp., The	6405 E. Kellogg, Wichita	MU4-0251
NJ	Hartwell Corp., The	25 Banta Pl. Hackensack	DI2-2964
Ohio	Hartwell Corp., The	20160 Center Ridge Rd. Cleve 16	ED1-5200
Tex	Hartwell Corp., The	4005 E. Lancaster, Ft. Worth	JE5-0824
Wash	Hartwell Corp., The	200 Boeing Field, Seattle	PA5-2727
	HARTWOOD GLASS & METALS CO	**Box 865, Martinsburg, W Va**	**267-6411**
	900		
	HARVEY HUBBELL INC	**State St & Bostwick, Bridgeport 2, Conn**	**ED3-1181**
	345-1535-1735-1785		
Ala	James E Hausser	312 Glynn Dr, Birmingham, Ala	VE3-0442
Cal	Harvey Hubbell Inc	1675 Hudson Ave, San Francisco, Cal	MI7-3240
Cal	Harvey Hubbell Inc	121 W. Elmyra St, Los Angeles, Cal	CA3-1167
Colo	Paul A Doubet Co	1945 Wazee St, Denver 2, Colo	KE4-6708
Conn	John R Thomason	P.O. Box 125, Simsbury, Conn	AM8-5453
Fla	Lester J Hartman	4911 Apache Ave, Jacksonville, Fla	EV8-2841
Fla	Rufus F Carpenter	3407 W. Elliott, Tampa 3, Fla	RE7-1414
Ga	Henry W Shropshire	860 Barton Woods Rd, N.E., Atlanta 7	DR7-7345
Ill	Harvey Hubbell Inc	37 S Sangamon St, Chicago 7, Ill	MO6-3737
Ind	Gerald R Holder	3113 E. 38th St, Indianapolis, Ind	LI6-8857
Iowa	G Hollis Gentry	1331 Oakland Dr, Muscatine, Iowa	AM3-6454
Ky	Arthur E Schwegele	2804 Woodmont Dr, Louisville, Ky	GL1-4485
La	M Mckim Rivera	1300 N. Broad St, New Orleans 19, La	GA11861
Md	Frank C Butts	2301 N. Charles St, Baltimore 18, Md	CH3-8250
Mass	Ervin R Cameron	64 Boyden Ave, Brockton, Mass	JU6-6397
Mass	William A Long	182 Summer St, Andover, Mass	GR5-2942
Mich	H Duane Miller	1724 Paul R St, S.E., Grand Rapids, Mich	CH5-1467
Mich	D A Nesbitt	28272 Sunset Dr, Lathrup Village, Mich	EL6-2625
Minn	Fred L Larson	Rt 3, Box 315, Wayzata, Minn	GR7-2220
Minn	Eugene W Overson	P.O. Box 377, Rt 3, Mound, Minn	GR2-2230
Mo	G Raymond Plancon	627 E. 49th Terr, N., Kansas City, Mo	GL2-6175
Mo	William E Rodgers	4617 Sherandoah St, St. Louis 10, Mo	MO4-6487
NJ	James A Kennedy	15 Claremont Dr, Short Hills, NJ	DR9-3078
NJ	Robert J Henshaw	115 Wesbrow Rd, Upper Montclair, NJ	PI4-4335
NY	Harvey Hubbell Inc	11-15 Park Pl, New York 7, NY	BA7-2657
NY	Donald W Lewis	340 Forest Hill Dr, Syracuse 6, NY	HO3-3106

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
NY	Edward A Rucci	22 Timberland Dr, Loudonville 11, NY	UN9-8854
NC	Franklin T Hall	1232 Westover Terr, Greensboro, NC	BR5-7927
NC	George F Latimer	4825 Providence Rd, Charlotte 7, NC	EM6-2451
Ohio	John J Beets	95 Ceramic Dr, Columbus 14, Ohio	AM3-4091
Ohio	George H Seitling	12921 Chippewa Rd, Brecksville, Ohio	JA6-3080
Ohio	William H Tengardin	7401 N. Timberlane Dr, Cincinnati 43	LO1-6531
Okla	Harold E Lever	2700 Elmhurst, Oklahoma City 16, Okla	VI3-9955
Ore	G H A Gustafson	1220 S. W. Stark St, Portland, Ore	CA7-1380
Ore	David King	1220 S. W. Stark St, Portland, Ore	CA7-2880
Pa	Louis Herbrecht	54 Red Rose Way, Levittown, Pa	WI5-6790
Pa	Lester P Reed	3154 Yale Ave, Camp Hill, Pa	RE7-3334
Pa	Marshall F Root	308 Martin Ln, Pittsburgh, Pa	TE5-8751
RI	Arthur R Newman	58 Forglade Dr, Cranston 10, RI	WI2-3327
Tex	J D Martin Co	1111 Oregon St, Dallas 7, Tex	RI2-3472
Va	Frank E Parker	3011 E. Pinedale Rd, Richmond 25, Va	RE2-8853
Wash	Frank A Drohocker	2207 First Ave, S., Seattle, Wash	MA3-0367
Wisc	John F Nolan	8504 W. Capitol Dr, Milwaukee 22, Wisc	HO4-6332
	HARVEY-WELLS CORP	**Box 189, Framingham, Mass**	**CE5-7370**
	B Langley #10 *40 E 895-1085-1135-1340		
Ala	M J Gorrie	321 Gunsor Rd, Birmingham, Ala	TR1-7955
Ariz	Enna Corp	5919 W Third St, L A 36, Cal	WE4-1144
Cal	Enna Corporation	5919 W. Third St, Los Angeles 36, Cal	WE4-1144
DC	Valley Forge Assoc	2106 34th St, Washington	LU2-0514
Ga	Dengler & Assoc	Cains Hill Place NW, Atlanta, Ga	CE3-5327
Ill	The Lowell Co	4124 Siokama Terr, Skokie, Ill	OR6-2063
Md	Valley Forge Associates	Anro Bldg, Devon, Pa	MU8-5103
NJ	Valley Forge Associates	Anro Bldg, Devon, Pa	MU8-5103
NY	Valley Forge Associates	Anro Bldg, Devon, Pa	MU8-5103
NC	Valley Forge Associates	Anro Bldg, Devon, Pa	MU8-5103
Pa	Valley Forge Associates	Anro Building, Devon, Pa	MU8-5103
SC	Frontier Electronics Inc	P.O. Box 625, Greenville	CE5-0177
Tex	Southwest Electronics	Meadows Bldg, Dallas	EM3-1671
Va	Valley Forge Assoc	2106 34th St, Washington, DC	LU2-0514
For	Telesco Intl	171 Madison Ave, NY 16, NY	MU3-9420
	HARWORTH MFG CO	**409 El Camino Real, Menlo Park, Cal**	**DA2-7243**
	***4 A 895**		
Cal	H C Burns Co Inc	1121 E 8th St, Oakland	TE4-8300
Mo	Jensen-Salsbery Labs, Inc	21 St & Penn Sts, Kansas City	HA1-0615
	HASSALL INC., JOHN	**Box 2242, Westbury, NY**	**ED4-6200**
	E Karnes #2 *185 E 1120-1185-1490		
Ariz	Les Sachs Assoc	3030 Olympic Blvd, LA 23, Cal	AN1-2224
Ark	Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18, Tex	DA1-5797
Cal	Les Sachs Assoc	3030 Olympic Blvd, LA 23	AN1-2224
Colo	Western Empire Inc	3985 S. Santa Fe Dr, Englewood	SU9-3137
Conn	Robert W Whelan Co	P.O. Box 1131, Darien, Conn	OL5-0400
Del	Sanford & Co	221 Benson East, Jenkintown, Pa	TU7-8780
Ill	Robert H Stahlhut	12780 Post Oak Rd, St. Louis 31, Mo	PA5-7793
Ill	W H Grant	15-05 Astor St, Chicago 11	SU7-3512
Ind	L Hart Assoc	4334 W. Central Ave, Toledo 15, Ohio	JE6-8561
Kan	Robert R Stahlhut	12780 Post Oak Rd, St. Louis 31, Mo	PA5-7793
La	Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18, Tex	DA1-5797
Me	Robert W Whelan Co	P. O. Box 1131, Darien, Conn	OL5-0400
Md	Sanford & Co	221 Benson, E., Jenkintown, Pa	TU7-8780
Mass	Robert W Whelan Co	P. O. Box 1131, Darien, Conn	OL5-0400
Mich	R B Ryan	Jakins Bldg, Birmingham	JO6-3126
Minn	W H Grant	15-05 Astor St, Chicago 11, Ill	SU7-3512
Mo	Robert H Stahlhut	12780 Post Oak Rd, St. Louis 31, Mo	PA5-7793
Nev	Les Sachs Assoc	3030 Olympic Blvd, LA 23, Cal	AN1-2224
NH	Robert W Whelan Co	P.O. Box 1131, Darien, Conn	OL5-0400
NJ	Harry E Norton	972 Broad St, Newark, NJ	MA2-8394
NJ	Sanford & Co	221 Benson, E., Jenkintown, Pa	TU7-8780
NM	Western Empire Inc	3985 S. Santa Fe Dr, Englewood, Colo	SU9-3137
NY	Jerome J Theobald Inc	9 E. Genesee St, Skaneateles, NY	OV5-5711
NY	John Hassall Inc	Westbury, NY	ED4-6200
Ohio	L Hart Assoc	4334 W. Central Ave, Toledo 15	JE5-8561
Okla	The Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18, Tex	DA1-5797
Ore	A J Hanson & Co	Box 5101, Ballard Sta, Seattle 7, Wash	SU4-8230
Pa	Sanford & Co	221 Benson, E., Jenkintown, Pa	TU7-8780
Pa	Carl A Karthauser & Co	1502 Union Bank Bldg, Pittsburgh, Pa	AT1-9111
RI	Robert W Whelan Co	P.O. Box 1131, Darien, Conn	OL5-0400
Tex	The Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18, Tex	DA1-5797
Utah	Western Empire Inc	3985 S Santa Fe Dr, Englewood, Colo	SU9-3137
Vt	Robert W Whelan Co	P. O. Box 1131, Darien, Conn	OL5-0400
Wash	A J Hanson & Co	Box 5101, Ballard St, Seattle 7, Wash	SU4-8230
Wis	W H Grant	15-05 Astor St, Chicago, Ill	SU7-3512
Wyo	Western Empire Inc	3985 S. Santa Fe Dr, Englewood, Colo	SU9-3137
	HASTINGS PLASTICS, INC	**1704 Colorado Ave. Santa Monica, Cal**	**UP0-8503**
	A Dames #7 *14 D 30-265-620-625-650-900-1290		
	HASTINGS-RAYDIST INC	**Hampton 9, Va**	**PA3-6531**
	R Doyle #10 *90 E 35-340-895-1870		
Ariz	Samuel O Jewett Co	45 W. First Ave, Scottsdale, Ariz	WH5-5711
Cal	Samuel O Jewett Co	13111 Ventura Blvd, N. Hollywood, Cal	ST9-8103
Cal	King-Knight Co	350 Jefferson St, San Francisco 11, Cal	PR6-2700
Colo	Allen I Williams Co	2363 S. Albion St, Denver 22, Colo	SK6-9401
Conn	Joseph H Bertram Co., Inc	998 Farmington Ave, W. Hartford 7, Conn	AD3-9829
Fla	Leroy E Rogers Co	9 N. Highland Ave, Clearwater, Fla	36-9081
Ill	Sheratz Henderson Co	5707 W Lake St, Chicago 44	CO1-1033
La	Hahn Sales Co	3434 Roppolo St, Baton Rouge	EL7-3423
Mass	Joseph H Bertram Co., Inc	570 Hillside Ave, Needham Hgts 94	HI4-7304
Mich	The Satullo Co	4512 N. Woodward Ave, Royal Oak, Mich	JO6-2375
Mo	Danner & Foster Inc	3519 Troost Ave, Kansas City 9, Mo	LO1-9286
Mo	Bruce Greaves Co	5787 Bridgeport Ave, St Louis 17	PA6-2205
NM	Allen I Williams Co	3221 Silver Ave, S.E., Albuquerque, NM	AL5-9632
NY	George O Miller Co	639 E. Warren St, Syracuse 2, NY	HA2-3004
NY	Nickles Engineering Co	830 Linden Ave, Rochester 10, NY	LU6-4488
Ohio	Satullo Co., The	785 W Ohio Pike, Cinc 45	PL2-6869
Ohio	The Satullo Co	10801 Euclid Ave, Cleveland 12, Ohio	IV1-5204
Pa	Kurt J Lesker Co	4535 Vernon Ave, Pittsburgh 27, Pa	TU1-4866
Pa	Tyler Griffin Co	112 S. Fairfield Rd, Devon, Pa	MU8-4821
Tex	The Gay Sales Co., Inc	430 Sul Ross St, Houston, Tex	JA6-3470
Tex	The Gay Sales Co., Inc	6414 Walnut Hill Ln, Dallas 5, Tex	EM8-2325
Utah	Allen I Williams Co	333 4th S, Salt Lake City	EM4-8844

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Wash	Instrumentation Eng Sales & Service Co	1331 3rd Ave Bldg. Seattle 1	MA2-0600
Canada	Keith Mercer Co Ltd	5165 Sherbrooke St. W., Montreal 28, Que	HU4-8411
Canada	Keith Mercer Co Ltd	88 Eglinton Ave, E., Toronto 12, Ont	HU8-5831
	HATHAWAY INSTRUMENTS, INC	**5802 E. Jewell Ave. Denver 22, Colo**	**SK6-8301**
	J Carson #50 *500 G 200-515-670-895-915-1735		
Ala	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Ariz	Williams & Assoc. Inc	3033 N. Central Ave. Phoenix	CR7-7477
Ark	Dannemiller-Smith Inc	6218B Westheimer St. Houston, Tex	SU2-7350
Cal	Jo-Joyce Eng. Sales Corp	15225 S. Main St. Gardena	FA1-5630
Cal	J T Hill Co	420 S. Pine St. San Gabriel	AT7-9633
Cal	R L Pflieger Co. Inc	1552 Laurel St. San Carlos	
Colo	Williams & Assoc. Inc	2263 S. Albion St. Denver 22	SK6-9403
Conn	Bordewieck Eng. Sales Co	221 Grove St. Boston 85, Mass	VI3-0845
Del	Dickison Sales Co. Inc	302 Marlton Pike, Erlton, NJ	HA8-4086
DC	Dickison Sales Co. Inc	302 Marlton Pike, Erlton, NJ	HA8-4086
Fla	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City	AM7-0411
Ga	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Haw	J T Hill Co	420 S. Pine St. San Gabriel, Cal	AT7-9633
Idah	B Persitz	500 Wall St. Seattle 1, Wash	MA2-0793
Idah	Williams & Assoc. Inc	2263 S. Albion St. Denver 22, Colo	SK6-9403
Ill	M J Fein & Co	Box 28, Scarsdale, NY	GR2-0754
Ind	M J Fein & Co	Box 28, Scarsdale, NY	GR2-0754
La	Dannemiller-Smith Inc	6218B Westheimer St. Houston, Tex	SU2-7350
Me	Bordewieck Eng. Sales Co	221 Grove St. Boston 85, Mass	VI3-0845
Md	Dickison Sales Co. Inc	302 Marlton Pike, Erlton, NJ	HA8-4086
Mass	Bordewieck Eng. Sales Co	221 Grove St. Boston 85	VI3-0845
Miss	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Neb	Williams & Assoc. Inc	2263 S. Albion St. Denver 22, Colo	SK6-9403
Nev	R L Pflieger Co. Inc	1552 Laurel St. San Carlos, Cal	LY1-0395
Nev	J T Hill Co	420 S. Pine St. San Gabriel, Cal	
NH	Bordewieck Eng. Sales Co	221 Grove St. Boston 85, Mass	VI3-0845
NJ	Dickison Sales Co. Inc	302 Marlton Pike, Erlton	HA8-4086
NM	Williams & Assoc. Inc	3221 Silver Ave. SE. Albuquerque	AL5-9632
NY	M J Fein & Co	Box 28, Scarsdale	GR2-0754
NC	W A Brown & Assoc. Inc	201 Capron St. Indian River City, Fla	AM7-0411
Okla	Dannemiller-Smith Inc	6218B Westheimer St. Houston, Tex	SU2-7350
Ore	B Persitz	500 Wall St. Seattle 1, Wash	MA2-0793
Pa	Dickison Sales Co. Inc	302 Marlton Pike, Erlton, NJ	HA8-4086
RI	Bordewieck Eng. Sales	221 Grove St. Boston 85, Mass	VI3-0845
SC	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Tenn	W A Brown & Assoc	201 Capron Rd. Indian River City, Fla	AM7-0411
Tex	Dannemiller-Smith Inc	6218B Westheimer St. Houston	SU2-7350
Utah	Williams & Assoc. Inc	323 E. 4th S, Salt Lake City	EM4-6844
Vt	Bordewieck Eng. Sales Co	221 Grove St. Boston 85, Mass	VI3-0845
Va	Dickison Sales Co. Inc	302 Marlton Pike, Erlton, NJ	HA8-4086
Wash	B Persitz	500 Wall St. Seattle 1	MA2-0793
Wyo	Williams & Assoc. Inc	2263 S. Albion St. Denver 22, Colo	SK6-9403
Can	B H McGregor	Box 156, Sta. H, Toronto 8, Ont	OX9-5521
	HAUSSER & SON, C A	**6040 Belfield Ave, Phila 44, Pa**	**GE8-8591**
	900-1075		
	HAVEG INDUSTRIES INC	**900 Greenbank Rd, Wilmington 8, Del**	**WY8-2271**
	F Schierbaum #700 *3000 G 30-190-660-715-765-900-1220-1290-1545-1775-1960		
	HAWLEY PRODUCTS CO	**St. Charles, Ill**	
	480-1680		
•	**HAYDON CO., A W**	**238 N Elm St. Waterbury 20, Conn**	**PL6-4481**
	20-330-338-360-895-1165-1460-1645-1735-1810		
•	**HAYDON CO., A W**	**4834 Ince Blvd. Culver City Cal**	**UP0-5461**
	W Beswick *120 685-895-1150-1460-1810		
Ala	Aerol Associates Inc	1617 Thompson Ave. East Point, Ga	767-4666
Ariz	TransDynamics Inc	4450 Lakeside Ave, Burbank, Cal	VI9-6262
Cal	TransDynamics Inc	4450 Lakeside Ave, Burbank, Cal	VI9-6262
Cal	TransDynamics Inc	2866 Fourth Ave, San Diego, Cal	CY8-8215
Cal	TransDynamics Inc	44 Encina Ave, Palo Alto, Cal	DA6-6527
Colo	TransDynamics Inc	3385 S. Bannock, Englewood, Colo	SU9-1544
Conn	Aerol Associates Inc	820 Park Ave, Bloomfield, Conn	CH2-5586
Del	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
DC	L D Lowery Inc	4508 Annapolis Rd, Bladensburg, Md	UN4-4722
Fla	Aerol Associates, Inc	920 Orange Ave. Winter Park	MI4-0311
Ga	Aerol Associates, Inc	1617 Thompson Ave. East Point	767-4666
Idaho	TransDynamics Inc	1215 Poplar Pl, Seattle, Wash	EA4-0366
Ill	Aerol Associates, Inc	410 Greenbay Rd. Kenilworth	AL1-9300
Iowa	Automatic Gen Electronic Sales	6550 B Troost Ave, Kansas City, Mo	DE3-8206
Kan	Automatic Gen Electronic Sales	6550 B Troost Ave, Kansas City, Mo	DE3-8206
Me	Aerol Associates Inc	850 Lexington St, Waltham, Mass	TW4-7850
Md	L D Lowery Inc	4508 Annapolis Rd, Bladensburg, Md	Un4-4722
Mass	Aerol Associate Inc	850 Lexington St, Waltham, Mass	TW4-7850
Mich	Aerol Associates, Inc	18505 W 8 Mile Rd. Detroit	KE7-7070
Minn	Aerol Associates, Inc	3434 E Lake St. Minneapolis	PA4-0246
Mo	Automatic General Electronic Sales	8890 Lackland Rd, St. Louis, Mo	HA8-3934
Neb	Automatic General Electronic Sales	6550 B Troost Ave, Kansas City, Mo	DE3-8206
Nev	TransDynamics Inc	4450 Lakeside Dr, Burbank, Cal	VI9-6262
NH	Aerol Associates Inc	850 Lexington St, Waltham, Mass	TW4-7850
NJ	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
NJ	Aerol Associates, Inc	1180 Raymond Blvd, Newark, NJ	MA3-0336
NM	Automatic General Electronic Sales	6550 B Troost Ave, Kansas City, Mo	DE3-8206
NY	Aerol Associates Inc	170 Great Neck Rd, Great Neck, NY	HU7-9650
NY	Wilson H Zimmerman Inc	112 Dewitt St, Syracuse, NY	GR4-4889
Ohio	C A Robinson Co	4143 Mayfield Rd, Cleveland, Ohio	EV1-9049
Ohio	C A Robinson Co	333 W. First St, Dayton, Ohio	BA2-0832
Okla	Automatic General Electronic Sales	3824 Mockingbird Ln, Dallas, Tex	LA1-7876
Ore	TransDynamics Inc	1215 Poplar Pl, Seattle, Wash	EA4-0366
Pa	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
RI	Aerol Associates Inc	850 Lexington St, Waltham, Mass	TW4-7850
Tex	Automatic General Electronic Sales	2527B McKinney Ave. Dallas	RI7-8779
Utah	TransDynamics Inc	3385 S. Bannock, Englewood, Colo	SU9-1544
Vt	Aerol Associates Inc	170 Great Neck Rd, Great Neck, NY	HU7-9650
Va	L D Lowery Inc	4508 Annapolis Rd, Bladensburg, Md	UN4-4722
Wash	TransDynamics Inc	1215 Poplar Pl, Seattle, Wash	EA4-0366
Wyo	TransDynamics Inc	3385 S. Bannock, Englewood, Colo	SU9-1544
Can	Philips Electronics Ind Ltd	116 Vanderhoof Ave. Toronto 17, Ont	HU5-8621
For	R I Mendels Co	50 Webster Ave. New Rochelle, NY	NE2-8500
	HAYDON CORP	**400 W 202nd St. New York 34, N Y**	**WI2-5500**
	H Dannenman #3 *60 E 45-180-1170		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	HAYDON DIV GENERAL TIME CORP	**500 E. Elm St, Torrington, Conn**	**HU9-3158**
	1165-1810		
Ariz	C W Cummings	1213 N. Highland Ave, L A 38, Cal	HO2-2780
Ark	Cartwright & Bean	821 Pontalba St, New Orleans, La	AU2264
Cal	C W Cummings	1213 N. Highland Ave, L A 38, Cal	HO2-2780
Colo	C W Cummings	1213 N. Highland Ave, L A 38, Cal	HO2-2780
Conn	C N Benoit	Box 28, Pomfret, Conn	WA8-7277
Del	H R Seiber	46 Garrett Rd, Upper Darby, Pa	FL2-5532
DC	H R Seiber	46 Garrett Rd, Upper Darby, Pa	FL2-5532
Fla	Industrial Specialties Sales	Box 1335, Tampa, Fla	RE6-1480
Idaho	C W Cummings	1213 N. Highland Ave, L A 38, Cal	HO2-2780
Ill	E L Massa	6027 Northwest Hwy, Chicago 31, Ill.	NE1-2722
Ill	S S Jackson	902 Fed Res Bank Bldg, Cincinnati, Ohio	GA1-3366
Ind	E L Massa	6027 Northwest Hwy, Chicago, Ill	NE1-2722
Iowa	E L Massa	6027 Northwest Hwy, Chicago, Ill	NE1-2722
Kan	S S Jackson	6653 Enright Ave, St. Louis, Mo	VO3-4454
Ky	S S Jackson	6653 Enright Ave, St. Louis, Mo	VO3-4454
La	Cartwright & Bean	821 Pontalba St, New Orleans, La	AU2264
Me	C N Benoit	Box 28, Pomfret, Conn	WA8-7277
Md	H R Seiber	46 Garrett Rd, Upper Darby, Pa	FL2-5532
Mass	C N Benoit	Box 28, Pomfret, Conn	WA8-7277
Mich	W C Schneider	3717 Lee Rd, Cleveland, Ohio	LO1-0913
Mich	A L Byman	3132 N. Lovers Ln Rd, Milwaukee, Wisc	BL8-4670
Minn	A L Byman	738 Northwestern Bank Bldg, Minneapolis	FE6-6218
Miss	Cartwright & Bean	821 Pontalba, New Orleans, La	AU2264
Mo	S S Jackson	6653 Enright Ave, St. Louis, Mo	VO3-4454
Mont	C W Cummings	1213 N. Highland Ave, L A 38, Cal	HO2-2780
Neb	A L Byman	738 Northwestern Bank Bldg, Mnpls, Minn	FE6-6218
Nev	C W Cummings	1213 N. Highland Ave, L A 38, Cal	HO2-2780
NH	C N Benoit	Box 28, Pomfret, Conn	WA8-7277
NJ	H R Seiber	46 Garrett Rd, Upper Darby, Pa	FL2-5532
NM	C W Cummings	1213 N. Highland Ave, L A 38, Cal	HO2-2780
NY	L E Schoenwetter	520 Fifth Ave, New York, NY	MU7-6130
NY	G W Horner	Henrietta St, Rochester, NY	HE777
ND	A L Byman	738 Northwestern Bank Bldg, Mnpls, Minn	FE6218
Ohio	W C Schneider	3717 Lee Rd, Cleveland, Ohio	LO1-0913
Ohio	S S Jackson	6653 Enright Ave, St. Louis, Mo	VO3-4454
Okla	Electrical Wholesalers	2001 Griffin St, Dallas 4, Tex	RI3657
Ore	C W Cummings	1213 N. Highland Ave, L A 38, Cal	FE6-6218
Pa	H R Saiber	46 Garrett Rd, Upper Darby, Pa	FI2-5532
Pa	W C Schneider	3717 Lee Rd, Cleveland, Ohio	LO1-0913
RI	C N Benoit	Box 28, Pomfret, Conn	WA8-7277
SD	A L Byman	738 Northwestern Bank Bldg, Mnpls, Minn	FE6-6218
Tenn	Cartwright & Bean	560 S. Cooper St, Memphis, Tenn	BR5-1914
Tex	Electrical Wholesalers	2001 Griffin St, Dallas 4, Tex	RI3657
Utah	C W Cummings	1213 N. Highland Ave, L A 38, Cal	HO2-2780
Vt	C N Benoit	Box 28, Pomfret, Conn	
Va	H R Saiber	46 Garrett Rd, Upper Darby, Pa	FL2-5532
Wash	C W Cummings	1213 N. Highland Ave, L A 38, Cal	HO2-2780
W. Va	S S Jackson	902 Fed Res Bank Bldg, Cincinnati, Ohio	GA1-3366
Wyo	C W Cummings	1213 N. Highland Ave, L A 38, Cal	HO2-2780
Wisc	A L Byman	738 Northwestern Bank Bldg, Mnpls, Minn	FE6-6218
	HAYDON INSTRUMENT CO. THE	**17 Brown St. Waterbury 20, Conn**	**PL3-4147**
	W Shores 895-1165-1810		
Cal	Aerol Assoc. Inc	9024 Olympic Blvd. Beverly Hills	BR2-8251
Cal	Aerol Assoc. Inc	1177 University Dr. Menlo Park	DA1-1014
Cal	Aerol Assoc. Inc	3691 Couts St. San Diego 1	CY6-6818
Colo	Aerol Assoc. Inc	Denver Club Bldg. Denver	TA5-2046
Conn	Aerol Assoc. Inc	820 Park Ave. Bloomfield	CH2-5586
Fla	Aerol Assoc. Inc	920 Orange Ave. Winter Park	MI4-0311
Ga	Aerol Assoc. Inc	1617 Thompson Ave. E. Point	767-4666
Ill	Aerol Assoc. Inc	410 Green Bay Rd. Kenilworth	AL1-9300
Md	L D Lowery Inc	4508 Annapolis Rd. Bladensburg	UN4-4722
Mass	Aerol Assoc. Inc	850 Lexington St. Waltham	TW4-7850
Mich	Aerol Assoc. Inc.	18505 W. 8 Mile Rd. Detroit	KE7-7070
Minn	Aerol Assoc. Inc	3424 E. Lake St. Mnpls	PA4-0246
Mo	Automatic Gen. Electronic Sales Inc	6550-B Troost Ave. KC	DE3-8206
Mo	Automatic Gen. Electronic Sales Inc	8890 Lackland Rd. St. Louis	HA8-3934
Mo	Aerol Assoc. Inc	Lambert/St. Louis Airport, St. Louis	PE1-6853
NJ	Aerol Assoc. Inc	1180 Raymond Blvd. Newark	MA3-0336
NY	Aerol Assoc. Inc	170 Great Neck Rd. Great Neck	HU7-9650
NY	Aerol Assoc. Inc	103 Pickwick Rd. Dewitt	GI6-4560
Ohio	Aerol Assoc. Inc	7719 Reading Rd. Cinc	VA1-4898
Pa	L D Lowery Inc	50 E. Wynnewood, Wynnewood	MI2-9100
Tex	Automatic Gen. Electronic Sales Inc	2527B McKinney Ave. Dallas	
Wash	Aerol Assoc. Inc	422 1st Ave. W. Seattle 99	AT2-5260
	HAYDON SWITCH INC	**536 S. Leonard St, Waterbury 20, Conn**	**PL6-7441**
	J Moriarty #4 *125 E 1735		
Ala	Aerol Assoc	1617 Thompson Ave., E Pt. Ga	767-4666
Ariz	TransDynamics Inc	4450 Lakeside Dr, Burbank, Cal	VI9-6262
Cal	TransDynamics Inc	4450 Lakeside Dr, Burbank, Cal	VI9-6262
Cal	TransDynamics Inc	44 Encina Ave, Palo Alto, Cal	DA6-6527
Cal	TransDynamics Inc	2866 Fourth Ave, San Diego 3, Cal	CY8-8215
Colo	TransDynamics Inc	3385 S. Bannock, Englewood, Colo	SU9-1544
Conn	Aerol Associates	170 Great Neck Rd, Great Neck, NY	HU7-9650
Conn	Aerol Associates	820 Park Ave, Bloomfield, Conn	CH2-5586
Del	L D Lowery Inc	4508 Annapolis Rd, Bladensburg, Md	UN4-4722
DC	L D Lowery Inc	4508 Annapolis Rd, Bladensburg, Md	UN4-4722
Fla	Aerol Assoc	920 Orange Ave. Winter Park	MI4-0311
Ga	Aerol Assoc	1617 Thompson Ave. East Pt,	767-4666
Idaho	TransDynamics Inc	3385 S. Bannock, Englewood, Colo	SU9-1544
Ill	Aerol Assoc	410 Greenbay Rd, Kenilworth	AL1-9300
Ill	Automatic Gen Electronic Sales	8890 Lackland Rd. St. Louis, Mo	HA8-3934
Ind	Aerol Assoc	18505 W Eight Mile Rd. Detroit, Mich	KE7-7070
Iowa	Aerol Assoc	410 Greenbay Rd., Kenilworth, Ill.	AL1-9300
Iowa	Automatic General Electronic Sales	6550 B Troost Ave. Kansas City, Mo	DE3-8206
Kan	Automatic General Electronic Sales	6550 B. Troost Ave, Kansas City 10, Mo	DE3-8206
Me	Aerol Associates	850 Lexington St, Waltham, Mass	TW4-7850
Md	L D Lowery Inc	4508 Annapolis Rd, Bladensburg, Md	UN4-4722
Mass	Aerol Associates	850 Lexington St, Waltham, Mass	TW4-7850
Mich	Aerol Assoc	18505 W Eight Mile Rd. Detroit	KE7-7070
Minn	Aerol Assoc	3434 E Lake St. Mnpls	PA4-0246
Mo	Automatic General Electronic Sales	8890 Lackland Rd, St. Louis 14, Mo	HA8-3934
Neb	Automatic General Electronic Sales	6550 B. Troost Ave, Kansas City 10, Mo	DE3-8206
Nev	TransDynamics Inc	3385 S. Bannock, Englewood, Colo	SU9-1544
NJ	Aerol Associates	1180 Raymond Blvd, Newark 2, NJ	MA3-0336

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
NJ	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
NH	Aerol Assoc	850 Lexington St. Waltham, Mass	TW4-7850
NM	Automatic General Electronic Sales	6550 B. Troost Ave, Kansas City 10, Mo	DE3-8206
NY	Aerol Associates	170 Great Neck Rd, Great Neck, NY	HU7-9650
NY	W H Zimmerman Inc	112 Dewitt St, Syracuse 3, NY	GR4-4889
NC	Aerol Assoc	1617 Thompson Ave, E Pt. Ga	767-4666
Ohio	C A Robinson Co	4143 Mayfield Rd, Cleveland 21, Ohio	EV1-9049
Ohio	C A Robinson Co	333 W. First St. Dayton 2, Ohio	BA2-0832
Okla	Automatic General Electronic Sales	3824 Mockingbird Ln, Dallas, Tex	LA1-7876
Ore	TransDynamics Inc	1215 Poplar Pl, Seattle 44, Wash	EA4-0366
Pa	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
RI	Aerol Associates	850 Lexington St, Waltham, Mass	TW4-7850
SC	Aerol Assoc	1617 Thompson Ave. E Point, Ga	767-4666
Tenn	Aerol Assoc	1617 Thompson Ave, E Point, Ga	767-4666
Tex	Automatic General Electronic Sales	3824 Mockingbird Ln, Dallas, Tex	LA1-7876
Utah	TransDynamics Inc	3385 S. Bannock, Englewood, Colo	SU9-1544
Vt	Aerol Assoc	850 Lexington St., Waltham, Mass	TW4-7850
Va	L D Lowery Inc	4508 Annapolis Rd, Bladensburg, Md	UN4-4722
Wash	TransDynamics Inc	1215 Poplar Pl, Seattle 44, Wash	EA4-0366
W. Va	L D Lowery Inc	4508 Annapolis Rd, Bladensburg, Md	UN4-4722
Wisc	Aerol Assoc	3434 E Lake St. Mnpls, Minn	PA4-0246
Wyo	TransDynamics Inc	3385 S. Bannock, Englewood, Colo	SU9-1544
Canada	Philips Electronics Ind Ltd	116 Vanderhoof Ave, Toronto 17, Ont	HU5-8621
•	**HAYES INC, C I**	**875 Wellington Ave, Cranston 10, RI**	**HO1-3400**
	W Allen #22 *130 E 735-830-1075-1215		
Ariz	Southwest Machine Tool Corp	P O Box 13626, Phoenix	AL3-4197
Cal	Larry Wagner	112 Lawmer Ave, San Jose 12, Cal	CL8-2641
Ill	Melvin A Schreckengost	2112 Harding Ave, Waukegan, Ill	CH4-0628
Ill	Gordon Wheeler	321 S. Spring Ave, LaGrange, Ill	FL2-8181
Mass	Edward F Mawney, Inc	1965 Massachusetts Ave. Cambridge	TR6-8630
Mich	Hooker & Schaffer	202 Forest Ave. Royal Oak	LI1-2769
Mich	Robert H Schaffer	9125 Livernois St. Detroit 4	WE3-8866
Minn	Foundry Supply Co	650-25th Ave, S.E., Minneapolis, Minn	FE9-0231
Mo	Industrial Combustion Co	8114 Rosalie Ave. St Louis 17	MI7-4517
NJ	Howard F Brennan	15 Greendale Rd, Cedar Grove, NJ	CE9-0001
NM	Robert Berg	8807 Cordova Ave NE, Albuquerque	AX9-1351
NY	Clair W Rew	121 Wheeler St. Tonawanda	NX2-3029
NC	William K Hile	P.O. Box 6165, Charlotte 7, NC	FR7-5062
Ohio	Walter R Prest, Jr	580 Park Ave. Mansfield	LA5-0038
Pa	Frank F Sabins Co	419 Twickenham Rd, Glenside, Pa	TU4-2559
Pa	John E Betza	1205 Empire Bldg. Pittsburgh 22	CO1-2002
RI	Stanley G Winters	20 Oak Hill Ave, Warwick, RI	RE7-3314
Tenn	R E Gardner Co	P.O. Box 9986, Nashville 4, Tenn	AL5-0621
Tex	William C Abbey	1803 Calumet St. Houston 4	JA6-3500
Tex	Wright Industrial Products	5738 N. Central Expwy, Dallas, Tex	TA4-2571
Wash	D L Shell Mfg Co	113 King St, Seattle 4, Wash	MA3-8260
Canada	Williams & Wilson Ltd	544 Inspector St, Montreal 3, P.Q., Canada	UN6-2851
Canada	Williams & Wilson Ltd	71 Front St, Toronto, Ontario, Canada	EM3-8731
	HAYNES STELLITE CO. DIV OF UNION CARBIDE CORP	**1020 W Park Ave. Kokomo, Ind**	**GL2-5421**
	H Haley 175-233-1120-1125-1685-1960		
Ariz	Premmco Inc of Arizona	3217 E. Washington St, Phoenix, Ariz	
Ark	George J Fix Co	1901 S. Good Latimer Expwy, Dallas 10, Tex	
Cal	Premmco Inc	5470 Valley Blvd, Los Angeles 32, Cal	
Cal	Premmco of Northern California Inc	P.O. Box 142, Alameda, Cal	
Cal	Union Carbide Corp	2770 Leonis Blvd, Los Angeles 58, Cal	LU3-3061
Colo	Premmco Inc of Arizona	3217 E. Washington St, Phoenix, Ariz	
Del	Towle Industrial Corp	402 Bethlehem Pike, Philadelphia 18, Pa	
DC	Towle Industrial Corp	402 Bethlehem Pike, Philadelphia 18, Pa	
Fla	J O King Inc	1341 Spring St, N.W., Atlanta 9, Ga	
Ga	J O King Inc	1341 Spring St, N.W., Atlanta 9, Ga	
Hawaii	Premmco Inc	5470 Valley Blvd, Los Angeles 32, Cal	
Idaho	Premmco Inc	5470 Valley Blvd, Los Angeles 32, Cal	
Ill	S W Anderson Co	314 Circle Ave, Forest Park, Ill	
Ill	B C MacDonald Co	3829 W. Pine Blvd, St Louis 8, Mo	
Ill	Union Carbide Corp	230 N. Michigan Ave, Chicago 1, Ill	FI6-3300
Ind	S W Anderson Co	314 Circle Ave, Forest Park, Ill	
Iowa	S W Anderson Co	314 Circle Ave, Forest Park, Ill	
Iowa	B C MacDonald & Co	3829 W. Pine Blvd, St Louis 8, Mo	
Kan	B C MacDonald & Co	3829 W. Pine Blvd, St Louis 8, Mo	
Ky	Industrial Distributors Inc	3136 W. 25th St, Cleveland 4, Ohio	
La	George J Fix Co	Dallas, Tex	
Me	B B Morgan Jr	P.O. Box 443, Chelmsford, Mass	
Md	Towle Industrial Corp	Philadelphia, Pa	
Mass	B B Morgan Jr	Chelmsford, Mass	
Mich	Hodgson-Geisler Products Co	18917 James Couzens Hwy, Detroit 35, Mich	
Minn	S W Anderson Co	314 Circle Ave, Forest Park, Ill	
Miss	J O King Inc	1341 Spring St, N.W., Atlanta 9, Ga	
Mo	B C MacDonald & Co	3829 W. Pine Blvd, St Louis 8, Mo	
Mont	Premmco Inc	5470 Valley Blvd, Los Angeles 32, Cal	
Neb	Premmco Inc	5470 Valley Blvd, Los Angeles 32, Cal	
Neb	B C MacDonald & Co	3829 W. Pine Blvd, St Louis 8, Mo	
Nev	Premmco Inc	5470 Valley Blvd, Los Angeles 32, Cal	
NH	B B Morgan Jr	P.O. Box 443, Chelmsford, Mass	
NJ	Howard O Haas	P.O. Box 98, S. Richmond Hill Sta, Jamaica, NY	
NM	Premmco of Arizona Inc	3217 E. Washington St, Phoenix, Ariz	
NY	Union Carbide Corp	270 Park Ave, New York 17, NY	LL1-2345
NY	Howard O Haas	P.O. Box 98, S. Richmond Hill Sta, Jamaica, NY	
NY	Charles M Simmons	1 Franklin Ave, White Plains, NY	
NY	John M Oswald	520 Granite Bldg, Rochester 4, NY	
NC	J O King Inc	1341 Spring St, N.W., Atlanta 9, Ga	
Ohio	Industrial Distributors Inc	3126 W. 25th St, Cleveland 4, Ohio	
Ohio	Hodgson-Geisler Products Co	18917 James Couzens Hwy, Detroit 35, Mich	
Ohio	Union Carbide Corp	1300 Lakeside Ave, Cleveland 14, Ohio	MA1-4204
Okla	George J Fix Co	1901 S. Good Latimer Expwy, Dallas, Tex	
Ore	Premmco Inc	5470 Valley Blvd, Los Angeles 32, Cal	
Pa	Towle Industrial Corp	402 Bethlehem Pike, Philadelphia 8, Pa	
Pa	Industrial Distributors Inc	3126 W. 25th St, Cleveland, Ohio	
RI	B B Morgan Jr	Chelmsford, Mass	
SC	J O King Inc	1341 Spring St, N.W., Atlanta 9, Ga	
SD	Premmco Inc	5470 Valley Blvd, Los Angeles 32, Cal	
Tenn	J O King Inc	1341 Spring St, N.W., Atlanta 9, Ga	
Tex	George J Fix Co	Dallas, Tex	
Tex	Premmco Inc	5470 Valley Blvd, Los Angeles, Cal	
Utah	Premmco of Arizona Inc	3217 E. Washington St, Phoenix, Ariz	
Vt	Charles M Simmons	1 Franklin Ave, White Plains, NY	

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Va	Towle Industrial Corp, 402 Bethlehem Pike, Philadelphia 18, Pa		
Wash	Premmco Inc	5470 Valley Blvd, Los Angeles 32, Cal	
W. Va	Towle Industrial Corp	402 Bethlehem Pike, Philadelphia 18, Pa	
W. Va	Industrial Distributors Inc	1135 W. 25th St, Cleveland, Ohio	
Wisc	S W Anderson Co	714 Circle Ave, Forest Park, Ill	
Wyo	Premmco Inc	5470 Valley Blvd, Los Angeles 32, Cal	
Foreign	Resources & Facilities Corp	60 E. 42nd St, New York 17, NY	
	HEATH CO, A SUB OF DAYSTROM INC	**Benton Harbor, Mich**	**YU3-3961**
	G Davidson #35 *575 230-255-325-338-360-365-895-910-915-955-1255-1370-1425-1435-1675-1845-1870-1895		
	HEATH ELECTRONIC LABS	**155 Sargeant Ave. Clifton, NJ**	**PR7-8842**
	W Heath, Jr #1 *6 A 415-895-1215-1805		
	HEATRON INC	**333 Eberts Ln, York, Pa**	**6230**
	***6 B 825**		
Cal	Sales Engineering Service	253 N. Fair Oaks Ave, Pasadena, Cal	RY1-2178
Ill	Paul Wilson	1020 S. Wabash Ave, Chicago 5, Ill	WA2-8853
NJ	David Snow	111 Glen Ave, Millburn, NJ	DR6-1470
NY	David Snow	212 Broadway, New York, NY	DI9-0027
Pa	Central Equip Distributors	P.O. Box 10921, Pittsburgh 36, Pa	TU4-3494
	HEILAND DIV MINNEAPOLIS-HONEYWELL REGULATOR CO	**5200 E. Evans Ave, Denver 22, Colo**	**SK6-3681**
	Sales offices: See Minneapolis-Honeywell Regulator Co		
	HEINEMANN ELECTRIC CO	**Brunswick Pike Rt 1, Trenton 2, NJ**	**TU2-4800**
	155-1460		
Ala	The Gearhart Co	512 N. 18th St, Birmingham, Ala	
Ariz	William Berndorf Co	221 E. Camelback Rd, Phoenix, Ariz	CR7-1662
Cal	Don Porter Co	11217 S. Robertson Blvd, Los Angeles 35	BR2-4263
Cal	Campbell & George	1801 Portland Ave, San Francisco, Cal	MI8-1236
Colo	Paul A Dauber & Co	1645 Warren St, Denver 2, Colo	TA5-6894
Fla	Gearman Co, The	2513 Catalina Dr, Orlando	GA3-8024
Ga	The Gearhart Co	The Gearhart Building, Atlanta 9, Ga	CE3-4431
Ill	Ellman & Zuckerman	119 S. Jefferson St, Chicago, Ill	CE6-3636
La	Glidden Engineering & Equipment Co	P.O. Box 4063, New Orleans 18, La	KE7-0641
Md	Leo T McCourt Co	610 Washington Ave, Baltimore, Md	VA3-3455
Mass	Electrical Apparatus Co	1200 Soldiers Field Rd, Boston 34, Mass	ST2-7440
Mich	George R Hume & Co	21187 W. Michigan Ave, Dearborn 7, Mich	LO1-1360
Minn	Harry P Smith Co	224 W Franklin Ave, Minneapolis 4	FE5-8327
Mo	Jul Ziegler	5875 Waterland Ave, St Louis 9, Mo	FL2-8191
NJ	Bellios Inc	51 N Broad St, Ridgewood	GI4-6990
NJ	Krieger Sales Co	234 E. Hanover St, Trenton 8, NJ	EX2-5166
NM	William Berndorf Co	4704 Pan Dura Dr, Albuquerque	DI4-3235
NY	Vincent J Brown Co	164 Ellicott Square Bldg, Buffalo	TL2-1122
NY	Vincent J Brown Co	P.O. Box 142 Eastwood Sta, Syracuse 6, NY	HO3-9161
Ohio	O H Bromberg & Associates	161 Reading Rd, Cincinnati 2, Ohio	DU1-5728
Ohio	Brown Electrical Equipment Co	1900 Euclid Ave, Cleveland 15, Ohio	TO1-0114
Ore	Marshall & James	2141 N.W. Quimby, Portland 10, Ore	
Pa	Brown Electrical Equipment Co	1512 Potomac Ave. Pittsburgh 16	LO3-4444
Tenn	Southland Sales Agents	1232 Falls Bldg, Memphis 1	JA5-0142
Tex	Glidden Eng & Eqpt Co	4524 Greenville, Dallas	FO8-4851
Tex	Glidden Engineering & Equipment Co	3802 Westheimer St, Houston 3, Tex	CA4-6471
Wash	Northwestern Agencies	4730 First Ave, S., Seattle 4, Wash	MA3-8882
Wisc	E A Dickinson & Associates	4117 N. Green Bay Ave, Milwaukee 9, Wisc	CO4-1080
Can	Douglas T Shaw	2340 Lucerne Rd. Montreal 16, Que	RI7-2403
Can	F D Burton Ltd	1300 W 6th Ave, Vancouver 9, B C	MU3-5658
Foreign	A S Jorgenson (Pty) Ltd	1 Long St, Booysens, Johannesburg, Union of S A	
	HEINZ-MUELLER ENGINEERING CO., INC	**4725 Iowa St, Chicago 51, Ill**	**ES8-4761**
	M Hoffman #3 *50 C 125-160-255-320-365-550-895-915-1075-1165-1735		
Ind	Ray Dintelmann	2515 Marcy Ln, Ft Wayne, Ind	
Minn	J Burleigh Wright	4817 Royal Oaks Dr, Hopkins, Minn	
NY	Crane & Egert Corp	37 Reade St, New York, NY	
Ohio	F Ortner	P.O. Box 2113, Kettering Br, Dayton 9	
Pa	Technical Sales Co	310 Broadway, Camden, NJ	
Wis	F C DuBois & Assoc	5116 W Wisconsin Ave, Milwaukee, Wis	
	HELCO PRODUCTS CORP	**7832 Balboa Blvd, Van Nuys, Cal**	**TR3-2766**
	W MacCauley #3 *25 C 1330		
Cal	Crescent Eng & Research	5440 N Peck Rd, El Monte	GI3-6141
	HELDOR ELECTRONICS MFG. CORP	**238 Lewis St. Paterson, NJ**	**AR1-0900**
	A Dobrowski #5 *125 E 135-180-675-790-800-895-1120-1245-1390-1395-1580-1765		
Conn	Campbell Sales	Box 83, Winchester, Mass	PA9-4391
Del	John Orsi & Assoc	Box 346, Bryn Mawr, Pa	LA5-6212
DC	Falcon Aeronautics	1717 Pa. NW. Wash	ME8-3057
Ill	F B Tabro of Assoc	4022 N. Rogers, Chicago	KE9-4535
Ind	F B Tabro & Assoc	4022 N. Rogers, Chicago, Ill	KE9-4535
Me	Campbell Sales	Box 83, Winchester, Mass	PA9-4391
Md	John Orsi & Assoc	Box 346, Bryn Mawr, Pa	LA5-6212
Mass	Campbell Sales	Box 83, Winchester	PA9-4391
Mich	A Walters	2711 E. Jefferson Ave. Detroit	LO7-6380
Minn	Scott Electronic Sales	5209 W. 60th St. Mpls	WE9-2985
NH	Campbell Sales	Box 83, Winchester, Mass	PA9-4391
NY	Ray Freeman	91 Dogwood Ln. New Hyde Park	FL4-1828
NY	Paul Freeman	Box 83, Winchester, Mass	PA9-4391
Ohio	Salescraft	9086 Bessemer Ave. Cleve	MI1-5533
Pa	John Orsi	Box 346, Bryn Mawr	LA5-6212
RI	Campbell Sales	Box 83, Winchester, Mass	PA9-4391
Tex	Curwin Assoc	Box 18112, Dallas	DI8-4623
Vt	Campbell Sales	Box 83, Winchester, Mass	PA9-4391
Wash	H D Campbell Co	220 N. Arc Ho, Seattle	MA4-3252
For	H C Michin & Assoc Ltd	Box 34, Station K, Toronto, Can	HI4-3643
	HELI-COIL CORP	**Shelter Rock Ln, Danbury, Conn**	**PI3-7651**
	J Sutton #6 * 275 F 1825		
Ala	J O King Inc	1341 Spring St. NW. Atlanta 9, Ga	TR5-7974
Alas	Premmco Inc	5470 Valley Blvd. LA 32, Cal	CA2-0167
Ariz	Premmco Inc. of Ariz	3217 E. Wash. St. Phoenix	BR5-7588
Ark	G J Fix Co	1901 S. Good Latimer Expwy. Dallas, Tex	HA8-7454
Cal	Premmco Inc. of N. Cal	Box 412, Alameda	LA3-9485
Conn	C M Simmons	Box 268, White Plains, NY	PI8-8630
Del	T C Pallas	215 Ford Rd. Bala Cynwyd, Pa	MO4-5405

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
DC	J L Nickerson	614 Walker Ave. Baltimore 12, Md	VA5-1527
Ill	S W Anderson Co	1812 W. Ogden Ave. Downers Grove	WO9-7770
Iowa	B C MacDonald & Co	3829 W. Pine Blvd. St. Louis 8, Mo	JE1-9266
Kan	B C MacDonald & Co	3829 W. Pine Blvd. St. Louis 8, Mo	JE1-9266
Ky	Ind. Distributors Inc	18234 S. Miles Pkwy. Cleve 28, Ohio	GR5-1300
Me	D B Morgan	Box 443, Chelmsford, Mass	GL3-4837
Mich	Hodgson-Geisler Co	14750 Puritan Ave. Detroit 27	BR2-3770
NJ	G Rushforth	12 Vincent St. Chatham	ME5-7727
NJ	T C Pallas	215 Ford Rd. Bala Cynwyd, Pa	MO4-5405
NM	Premmco Inc. of NM	2513 Rio Grande Blvd. NW. Albuquerque.	DI4-4118
NY	C M Simmons	Box 268, White Plains	
NY	J G Paluseo	33 Nelson St. Cazenovia	HA6-0765
Tex	G J Fix Co	1901 S. Good Latimer Expwy. Dallas 10	HA8-7454
Can	Armstrong-Beverley Eng. Ltd	6975 Jeanne Mance St. Montreal 15, Que.	CR4-3538
For	Resources & Facilities Corp	60 E. 42nd St. NY 17, NY	
	HELIPOT DIV. BECKMAN INSTRUMENTS INC	**2500 Harbor Blvd. Fullerton, Cal**	**TR1-4848**
	K Heller #200 *900 G 450-895-1165-1330		
Ariz	G S Marshall Co	30 Pima Plaza, Scottsdale	WH6-5521
Cal	G S Marshall Co	2065 Huntington Dr, San Marino, Cal	MU1-6781
Cal	G S Marshall Co	2015 El Camino Real, Redwood City, Cal	EM6-8214
Colo	Allen I Williams Co	2263 S. Albion St, Denver 22, Colo	SK6-9403
Conn	Eltron Engineering Sales Co	2345 Whitney Ave, Hamden, Conn	AT8-9276
Fla	Lynch-Gentry Assoc. Inc	7213 Central Ave., St Petersburg	DI7-5131
Ga	Bivins & Caldwell Inc	3110 Maple Dr, NE, Atlanta 5	233-1141
Ill	Roy J Magnuson	3347 W. Irving Park Rd, Chicago 18, Ill.	KE9-7555
Mass	Eltron Engineering Sales Co	246 Walnut St, Newtonville 60, Mass	DE2-6975
Mich	S Sterling Co	15310 W McNichols Rd. Detroit 35	PA3-7310
Minn	Roy J Magnuson	1359 W. Maynard Dr, St. Paul, Minn	MI6-7943
Mo	Harris-Hanson Co	2814 S. Brentwood Blvd, St. Louis 17, Mo	MI7-4350
Mo	Harris-Hanson Co	7916 Pasco Ave, Kansas City 30, Mo	HI4-9494
NJ	Helipot Div Beckman Inst Inc	US Hwy 22 at Summit Rd, Mountainside	AD2-7600
NJ	Angus-Sterne Assoc	Rt 38, Moorestown	BE5-1900
NM	Allen I Williams Co	3221 Silver Ave, S.E., Albuquerque, NM	AL5-9632
NY	E A Ossmann & Assoc	830 Linden Ave. Rochester 25	LU6-4940
NY	E A Ossmann & Assoc	101 Pickard Dr. Syracuse 11	GI 4-2462
NY	E A Ossmann & Associates	149 Front St, Vestal, NY	ST5-0296
NC	Bivins & Caldwell Inc	1923 N Main St. High Point	882-6873
Ohio	Sheridan Associates Inc	Rosslyn Center Bldg, Cincinnati 37	ME1-2460
Ohio	Sheridan Associates Inc	Box 7486, Cleveland 30, Ohio	TU4-8060
Ohio	Sheridan Associates Inc	4217 N. Main, Dayton 5, Ohio	CR7-7212
Tex	Norvell Associates	3913 Lemmon Ave, Dallas 19, Tex	LA6-7861
Utah	Allen I Williams Co	32 E. 4th S., Salt Lake City, Utah	EM4-6844
Va	Bivins & Caldwell Inc	1219 High Point Ave, Richmond, Va	EL5-7931
Wash	Samuel N Stroum Co	621 Michigan St. Seattle 8	PA2-7310
	HELKO PRODUCTS CO., INC	**243 W. 55 St, New York City, NY**	**PL7-3050**
	595		
	HELLER INDUSTRIES, INC	**70 S Munn Ave. E Orange, NJ**	**OR6-5061**
	M Heller 1075		
Ariz	Raymond Kimball	35 N Raymond Ave. Pasadena, Cal	MU1-9603
Cal	Raymond Kimball	35 N Raymond Ave. Pasadena	MU1-9603
Conn	Harold Henchey	30 Elmcrest Circle, Melrose, Mass	NO5-8303
Fla	A L Pritchard	702 64th Ave. S, St Petersburg	OR1-7722
Ill	Volco Co	831 S 6th St, Minneapolis, Minn	FE6-6631
Ill	Marsland Distributing Corp	6699 Lincoln Ave. Chicago	OR6-1105
Ind	Marsland Distributing Corp	6699 Lincoln Ave. Chicago, Ill	OR6-1105
Iowa	Volco Co	831 S 6th St. Minneapolis, Minn	FE6-6631
Kan	Marsland Distributing Corp	6699 Lincoln Ave. Chicago, Ill	OR6-1105
Ky	Marsland Distributing Corp	6699 Lincoln Ave. Chicago, Ill	OR6-1105
Me	Harold Henchey	30 Elmcrest Circle, Melrose, Mass	NO5-8303
Md	Electronic & TV Consultants	Box 47, New York 52, NY	CY3-8082
Mass	Harold Henchey	30 Elmcrest Circle, Melrose	NO5-8308
Mich	W B Conrad Co	13400 Foxhall Ave. Detroit, Mich	BR3-4060
Minn	Volco Co	831 S 6th St. Minneapolis	FE6-6631
Mo	Marsland Distributing Corp	6699 Lincoln Ave. Chicago, Ill	OR6-1105
Neb	Volco Co	831 S 6th St. Minneapolis, Minn	FE6-6631
NH	Harold Henchey	30 Elmcrest Circle, Melrose, Mass	NO5-8303
NJ	Electronic & TV Consultants	Box 47, New York 52, NY	CY3-8082
NM	Raymond Kimball	35 N Raymond Ave. Pasadena, Cal	MU1-9603
NY	Maloney Sales Co	202 Merriman St. Syracuse	GR8-3008
NY	Electronic & TV Consultants	Box 47, New York 52, NY	CY3-8082
ND	Volco Co	831 S 6th St. Minneapolis, Minn	FE6-6631
Ore	Raymond Kimball	35 N Raymond Ave. Pasadena, Cal	MU1-9603
RI	Harold Henchey	30 Elmcrest Circle, Melrose, Mass	NO5-8303
SD	Volco Co	831 S 6th St. Minneapolis, Minn	FE6-6631
Vt	Harold Henchey	30 Elmcrest Circle, Melrose, Mass	NO5-8303
Wis	Volco Co	831 S 6th St. Minneapolis, Minn	FE6-6631
	HELLERMAN CANADA LTD	**44 Danforth Rd. Scarborough, Ont**	**698-2547**
	D Reid #2 *20 D 285-345-770-785-790-845-1290-1505-1715-1780		
NJ	I Brill	250 Mt. Vernon Pl. Newark 6	
	HELWIG CARBON PRODS INC	**2550 N 30 St, Milwaukee 10, Wis**	**HI2-7755**
	W Helwig *125 C 160-1545		
Ala	C C Schoen, G L Schoen	500 Means St, N.W., Atlanta, Ga	JA5-2707
Ariz	H W Kuntz	2132 W. Encanto Blvd, Phoenix, Ariz	AL4-1665
Ark	J H Cole	1825 W. Main St, Oklahoma City, Okla	CE2-3171
Cal	L M Alchemisti	2505 Mariposa St, San Francisco, Cal	HE1-4034
Cal	F S Fletcher	4150 S. Main St, Los Angeles, Cal	AD3-5203
Colo	Damon R Ward	1116 10th St, Denver 4	CH4-4425
Fla	C C Schoen, G L Schoen	500 Means St, N.W., Atlanta, Ga	JA5-2707
Ga	C C Schoen, G L Schoen	500 Means St, N.W., Atlanta, Ga	JA5-2707
Idaho	J R Christensen	247 E. 5th S., Salt Lake City, Utah	EM3-4419
Ill	T R Grutza	605 W. Washington, Chicago, Ill	FR2-4743
Ill	E A Stever	9330 Beverly Pl, Wauwatosa, Wisc	SP4-0196
Ind	R B Colby	P.O. Box 1508, Indianapolis, Ind	AT3-5604
Iowa	H O Hale	2119 S. 61st St, Omaha, Neb	WA9431
La	W S McCray	418 Gingham Ln, Houston, Tex	HO8-1166
Mich	L H Dickelman	18450 Livernois Ave, Detroit, Mich	UN4-4376
Minn	G R Holden	1208 Harmon Pl, Minneapolis, Minn	FE6-5353
Miss	C C Schoen, G L Schoen	500 Means St, N.W., Atlanta, Ga	JA5-2707
Mont	J R Christensen	247 E. 5th S., Salt Lake City, Utah	EM3-4419
Neb	H O Hale	2119 S. 61st St, Omaha, Neb	WA9431
ND	G R Holden	1208 Harmon Pl, Minneapolis, Minn	FE6-5353
Okla	J H Cole	1825 W. Main St, Oklahoma City, Okla	CE2-3171

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ore	H E Perkins	422 N.W. 6th Ave, Portland, Ore	CA6-3286
SD	G R Holden	1208 Harmon Pl, Minneapolis, Minn	FE6-5353
Tex	W S McCray	418 Gingham Ln, Houston, Tex	HO8-1166
Utah	J R Christensen	247 E. 5th S., Salt Lake City, Utah	EM3-4419
Wyo	Damon R Ward	1116 10th St. Denver 4, Colo	CH4-4425
	HEMINWAY & BARTLETT MFG CO	**500 5th Ave, New York 36, NY**	**LO4-0000**
	375		
Cal	Smith & Hunt	946 S. Main St, Los Angeles 15, Cal	
Cal	Smith & Hunt	585 Howard St, San Francisco 5, Cal	
Conn	Donald Purdy	8 Mercedes Rd, Brockton, Mass	
Del	Jay R Vine	Box 122, Haddonfield, NJ	
Ga	Jay R Vine	Box 122, Haddonfield, NJ	
Ill	Stanley J Smith	222 W. Adams St, Chicago 6, Ill	
Ind	Stanley J Smith	222 W. Adams St, Chicago 6, Ill	
Iowa	Stanley J Smith	222 W. Adams St, Chicago 6, Ill	
Me	Robert Noonan	Nash Rd, S. Windham, Me	
Md	Jay Vine	Box 122, Haddonfield, NJ	
Mass	Donald Purdy	8 Mercedes Rd, Brockton, Mass	
Mich	Stanley Smith	222 W. Adams St, Chicago 6, Ill	
Minn	Stanley Smith	222 W. Adams St, Chicago 6, Ill	
Mo	P H McFarland	Box 225, Clayton, Mo	
NJ	Jay R Vine	Box 122, Haddonfield, NJ	
NC	Collingwood I Bach & Co	205 S. Church St, Charlotte, NC	
Ohio	Jerry Burg	Box 7, Western Hills, Cincinnati, Ohio	
Pa	Jay Vine	Box 122, Haddonfield, NJ	
RI	Donald Purdy	8 Mercedes Rd, Brockton, Mass	
Va	Moore & Giles	Box 56, Lynchburg, Va	
Wash	Smith & Hunt	585 Howard St, San Francisco, Cal	
	HENRY & MILLER INDUSTRIES INC	**675 Garfield Ave, Jersey City 5, NJ**	**HE4-4200**
	135-140-175-180-210-230-240-260-265-285-1065-1075-1120-1125-1135-1190-1245-1305-1360-1575-1580-1705-1780-1875		
	HEPPNER MFG. CO	**Box 608, Round Lake, Ill**	**KI6-2161**
	R Cuny #2 *250 E 320-1675-1900		
Ala	Dixie Electronic Assoc Inc	1021 8th Ave, S., Nashville, Tenn	
Cal	Western Control Eqpt. Co	14615 Ventura Blvd. Sherman Oaks	TR3-3040
Conn	Herb Mandell	85 Pearl Ave, Revere 51, Mass	
Fla	Ted Stasaf	512 Van Buren St, Hollywood, Fla	
Ky	Dixie Electronic Associates Inc	1021-8th Ave, S., Nashville, Tenn	
Me	Herb Mandell	85 Pearl Ave, Revere 51, Mass	
Md	Martin Friedman & Associates	7 Heather Rd, Bala-Cynwyd, Pa	
Mass	Herb Mandell	85 Pearl Ave, Revere 51, Mass	
Miss	Dixie Electronic Assoc Inc	1021-8th Ave, S., Nashville, Tenn	
NH	Herb Mandell	85 Pearl Ave, Revere 51, Mass	
NJ	Martin Friedman & Associates	7 Heather Rd, Bala-Cynwyd, Pa	
NY	Reed-Tollefson Corp	3015 Monroe Ave, Rochester 18, NY	
NY	William Lichter	26 Tealwood Ln, Roslyn, NY	
Pa	Martin Friedman & Associates	7 Heather Rd, Bala-Cynwyd, Pa	
RI	Herb Mandell	85 Pearl Ave, Revere 51, Mass	
Tenn	Dixie Electronic Associates Inc	1021 8th Ave, S., Nashville, Tenn	
Vt	Herb Mandell	85 Pearl Ave, Revere 51, Mass	
Va	Martin Friedman & Associates	7 Heather Rd, Bala-Cynwyd, Pa	
Can	Lake Eng. Co. Ltd	123 Manville Rd. Scarborough, Ont	PL7-3253
	HERBACH & RADEMAN INC	**1204 Arch St, Philadelphia 7, Pa**	**LO7-4309**
	L Bunkin #3 1810		
	HERCULES POWDER CO, INC	**910 Market St, Wilmington 99, Del**	**OL6-9811**
	***14,000 G 975-1290**		
Cal	Hercules Powder Co., Inc	3460 Wilshire Blvd, Los Angeles 5, Cal	DU7-8151
Cal	Hercules Powder Co., Inc	120 Montgomery St, San Francisco 4, Cal	YU6-2535
Ill	Hercules Powder Co., Inc	312 S. Michigan Ave, Chicago, Ill	HA7-5230
Mass	Hercules Powder Co., Inc	200 Berkeley St, Boston, Mass	LI2-3542
Mich	Hercules Powder Co., Inc	628 Fisher Bldg, Detroit 2, Mich	TR2-1780
Mo	Hercules Powder Co., Inc	111 S. Bemiston Ave, St Louis, Mo	PA7-5571
NY	Hercules Powder Co., Inc	380 Madison Ave, New York, NY	OX7-0010
Ohio	Hercules Powder Co., Inc	55 Public Sq, Cleveland 13, Ohio	SU1-4335
Ohio	Hercules Powder Co., Inc	2610 Carew Tower, Cincinnati 2, Ohio	DU1-6668
	HERMASEAL CO., INC	**1101 N. Main St, Elkhart, Ind**	**CO4-1110**
	V Bloxsom #3 *40 D 65-175-345-800-905-1540-1545-1955		
Cal	R Neumdorffer & Assoc	3491 Cahuenga Blvd. Los Angeles	HO2-6039
Cal	Fisher Switches Inc	40 Gough St. San Francisco	UN1-2669
Ill	Durakool, Inc	333 N Michigan Ave. Chicago	AN3-7021
Minn	Melco Products, Inc	325 5th Ave. S, Minneapolis	FE9-2791
NY	Walter F Hames	Apple Tree Land, Newtonville	ST5-9248
NY	Durakool of New York	4747 Bronx Blvd. New York 70	FA4-8000
Pa	Raymond H Barnes	417 Turner Rd. Hatboro	
Can	Measurement Engineering Ltd	P O Box 1392, Sta. O, Montreal, Que.	OR7-4774
Can	Measurement Engineering Ltd	1169 Avenue Rd. Toronto 12, Ont	HU1-8731
	HERMES ELECTRONICS CO	**75 Cambridge Pkwy. Cambridge 42, Mass**	**UN4-7200**
	HERMES PLASTICS INC	**154 W 14th St. New York 11, NY**	**CH3-5662**
	B Werfel *45 C 595-965-1075-1245-1290-1295-1125-1190		
Ala	Dreyer Sales Co	1478 Market St. Chattanooga, Tenn	
Alas	E Schwab	12th & Gambell, Anchorage	
Ariz	K J Flamm	1346 N Highland Ave. Los Angeles, Cal	HO5-5414
Ark	Dreyer Sales Co	1478 Market St. Chattanooga, Tenn	
Cal	K J Flamm	1346 N Highland Ave. Los Angeles	HO5-5414
Colo	Mine & Smelter Co	3800 Race St. Denver	
Del	Laird Equipment Co	Box 108, Jenkintown, Pa	TU4-8198
DC	Laird Equipment Co	Box 108, Jenkintown, Pa	TU4-8198
Fla	Joseph W George	Box 429, Pinellas Park	
Ga	G Collins	Box 1051, Columbus	
Haw	Ed Sultan	1115 Adams Ln. Honolulu	
Idaho	Mine & Smelter Co	3800 Race St. Denver, Colo	
Ill	McLeod Machinery	1519 N Broadway, St Louis, Mo	
Ind	New Hermes	7653 S Loomis Blvd. Chicago, Ill	
Iowa	New Hermes	7653 S Loomis Blvd. Chicago, Ill	
Kan	J J Ricketson	7948 Metcalf, Overland Park	
Ky	New Hermes	7653 S Loomis Blvd. Chicago, Ill	
La	Oliver Van Horn	1742 St Charles St. New Orleans	
Md	Commercial Products Co	4900 Clairton Blvd. Pittsburgh, Pa	
Mich	H G Davis	17 E Bridge, Berea, Ohio	
Minn	Bader Tool Sales	2506 1/2 Chicago Ave. Minneapolis	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Miss	Dreyer Sales Co	1478 Market St. Chattanooga, Tenn	
Mo	McLeod Machinery	1519 N Broadway, St Louis, Mo	
Mont	I E Landstrom	620 St Joe St. Rapid City, SD	
Neb	H Schoenberg	907 E 34th St. Kansas City, Kan	
Nev	Wine & Smaltar Co	3800 Race St. Denver, Colo	
NJ	Laird Equipment Co	Box 108, Jenkintown, Pa	
NM	K J Flamm	1346 N Highland Ave. Los Angeles, Cal	HO5-5414
NC	Max Wolfson	207 E 8th Ave. Homestead, Pa	
ND	I E Landstrom	620 St Joe St. Rapid City, SD	
Ohio	Cleveland Duplex Machinery	14625 Detroit Ave. Lakewood 7	
Okla	E Griggs	859 Sylvania Dr. Dallas 18, Tex	
Ore	K J Flamm	1346 N Highland Ave. Los Angeles, Cal	HO5-5414
Pa	Laird Equipment Co	Box 108, Jenkintown, Pa	
SC	G Collins	Box 1051, Columbus, Ga	
SD	I E Landstrom	620 St Joe St. Rapid City	
Tenn	Dreyer Sales Co	1478 Market St. Chattanooga	
Tex	K J Flamm	1346 N Highland Ave. Los Angeles, Cal	HO4-5414
Utah	Todd Machinery	165 S 4th, W, Salt Lake City	
Va	Laird Equipment Co	Box 108, Jenkintown, Pa	
Wash	K J Flamm	1346 N Highland Ave. Los Angeles, Cal	
W Va	Commercial Products	4602 Clairton Blvd. Pittsburgh, Pa	
Wis	New Hermes	7853 S Loomis Blvd. Chicago, Ill	
Wyo	Todd Machinery	165 S 4th, W, Salt Lake City, Utah	
Can	New Hermes of Canada	769 St James St. W, Montreal, Que	
For	N S Martheb	2005 Borinquen Ave. Santurce, Puerto Rico	
For	P J Collins	Apt 9163 Candelaria, Caracas, Venezuela	
For	Pierre Vitoux	47 Rue de la Paix, Troyes, France	
	HERMES SONIC CORP.	**13-19 University Pl, New York 3, NY**	**GR7-2730**
	J Unterman #4 *59 B 1190-1295-1915		
Cal	Hermes Sonic Corp	1346 N. Highland Ave, Los Angeles 28	HO5-5414
Ga	G Collins	Box 1051, Columbus	FA2-4861
Ill	Hermes Sonic Corp	7583 Loomis Blvd, Chicago 20, Ill	AB4-2629
Ohio	H G Davis	37 E. Bridge, Berea	
Pa	Laird Eqpt. Co	Box 108, 214 Runcote Rd. Jenkintown	
SD	I E Landstrom	620 St. Joe St. Rapid City	
Tex	E Griggs	859 Sylvania Dr. Dallas	
	HERMETIC SEAL CORP	**29-37 S. Sixth St, Newark 7, NJ**	**WY8-8080**
	345-740-1460-1545-1735		
	HERMETITE CORP	**100 Ledge Dr. Avon, Mass**	**JU3-7000**
	G Mangiacotti #8 *200 E 65-175-800-845-990-905-1125-1540-1545-1775-1875		
Ariz	Pacific Electro Sales Inc	6253 1/2 Whittier Blvd, L A, Cal	RA3-3396
Cal	Pacific Electro Sales Inc	6253 1/2 Whittier Blvd, L A, Cal	RA3-3396
Del	H J Fairbanks Co	1615 Darby Rd. Havertown, Pa	GR2-2467
Ky	W J Brauer & Assoc	13631 Lakewood Hts. Blvd. Cleve, Ohio	LA1-7268
NJ	S & M Assoc	595 Broad Ave. Ridgefield	WH5-0080
NY	S & M Assoc	595 Broad Ave. Ridgefield, NJ	WH5-0080
Ohio	W J Brauer & Assoc	13631 Lakewood Hts. Blvd. Cleve	LA1-7268
Pa	W J Brauer & Assoc	13631 Lakewood Hts. Blvd. Cleve, Ohio	LA1-7268
For	Teknis Co	Plainville, Mass	MY9-4707
	HESCO ENGINEERING	**322 E. Beach Ave, Inglewood 3, Cal**	**OR8-4178**
	330-360-895-1340-1455-1850		
	HEVI-DUTY ELECTRIC CO. DIV BASIC PRODUCTS CORP	**304 Hart St. Watertown, Wis**	**3980**
	M Smith #80 *500 F 575-735-895-1215-1245-1340-1375-1455-1855		
Ala	Dixie Supply Co	3104 4th Ave S., Birmingham 5, Ala	FA4-4687
Cal	Hevi-Duty Electric Co	10826 Venice Blvd, Culver City, Cal	VE7-1205
Colo	Slaybaugh-Thompson Co	100 W. 13th Ave, Denver, Colo	AC5626
Ill	Cliff Soper Co	Box 926, Rockford	4-1549
Ill	Hevi-Duty Electric Co	5515 N. North Ave, Chicago, Ill	WA2-6565
La	Stanley Hughes Co	P.O. Box 1932, Baton Rouge, La	EL7-6028
Mich	Hevi-Duty Electric Co	8131 W. McNichols Rd, Detroit, Mich	DI1-3266
Minn	Ray Larsen	5914 Portland Ave, S., Minneapolis, Minn	UN9-7774
Mo	Brandwine Equipment Co	2683 Big Bend Blvd, St Louis 17, Mo	ST1-6432
NJ	Hevi-Duty Electric Co	84 Industrial Ave. Little Ferry	DI3-2950
NC	Edwin S Mack	5 Plymouth Circle, Asheville, NC	AL4-1489
Ohio	Hevi-Duty Electric Co	20800 Center Ridge Rd. Rocky River	ED1-8734
Okla	Bishop Engineering Co	P.O. Box 1031, Tulsa, Okla	RI2-2371
Pa	Harold Koelman	4 W. Manilla Ave, Pittsburgh 20, Pa	WA2-2420
Tenn	Process & Power	1565 Harbor Ave. Memphis 6	WH2-3253
Tex	Mainge Co	3323 Mercer St, Houston 27, Tex	JA9-2573
Utah	Control Systems, Inc	455 E 4th St S, Salt Lake City	EM4-6425
Wash	Walsh Associates	1131 Poplar Pl, Seattle 44, Wash	EA2-1155
•	**HEWLETT-PACKARD CO**	**1501 Page Mill Rd, Palo Alto, Cal**	**DA6-7000**
	H Lowenstein #323 *2662 G 50-200-338-450-520-670-895-1045-1135-1340-1595-1705-1915		
Ala	Bivins & Caldwell Inc	3110 Maple Dr. NE. Atlanta 5, Ga	CE3-7522
Alaska	Arva	1320 Prospect St, Seattle, Wash	MA2-0177
Ariz	Neely Enterprises	641 E. Missouri Ave, Phoenix, Ariz	CR4-5431
Ark	Earl Lipscomb Associates	P.O. Box 7084, Dallas, Tex	FL7-1881
Cal	Neely Enterprises	3939 Lankershim Blvd, N. Hollywood	TR7-0721
Colo	Lahana & Co	1886 S. Broadway, Denver 10	PE3-3791
Conn	Yewell Associates	1101 E. Main St, Bridgeport, Conn	FO6-3456
Del	Horman Associates	3006 W. Cold Spring Ln, Baltimore, Md	MO4-8345
DC	Horman Associates	941 Rollins Ave, Rockville, Md	HA7-7560
Fla	Stiles Assoc. Inc	410 11th Ave. St. Petersburg 8	WA1-0211
Fla	Stiles Assoc. Inc	1226 E. Colonial Dr. Orlando	GA5-5541
Ga	Bivins & Caldwell Inc	3110 Maple Dr. NE. Atlanta 5	CE3-7522
Idaho	Arva	1320 Prospect St, Seattle, Wash	MA2-0177
Ill	Crossley Assoc. Inc	2501 W. Peterson Ave. Chicago 45	BR5-1600
Ind	Crossley Associates	5420 N. College Ave, Indianapolis, Ind	CL1-9255
Iowa	Crossley Associates	842 Raymond Ave, St. Paul, Minn	MI6-7881
Kan	Harris-Hanson Co	7916 Paseo Ave, Kansas City, Mo	HI4-9494
Ky	Bivins & Caldwell Inc	1923 N. Main St. High Point, NC	88 2-6873
La	Earl Lipscomb Associates	P.O. Box 7084, Dallas, Tex	FL7-1881
Me	Yewell Associates	Middlesex Trnpk, Burlington, Mass	BR2-9000
Md	Horman Associates	941 Rollins Ave, Rockville, Md	HA7-7560
Mass	Yewell Associates	Middlesex Trnpk, Burlington, Mass	BR2-9000
Mich	S Sterling Co	15310 W. Mc Nichols Rd, Detroit, Mich	BR3-2900
Minn	Crossley Associates	842 Raymond Ave, St. Paul, Minn	MI6-7881
Miss	Earl Lipscomb Associates	P.O. Box 7084, Dallas, Tex	FL7-1881
Mo	Harris-Hanson Co	2814 S. Brentwood Blvd. St. Louis 17	MI7-4350
Mo	Harris-Hanson Co	7916 Paseo St. KC 32	HI4-9494
Mont	Lahana & Co	1886 S. Broadway, Denver 10, Colo	PE3-3791

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Mont	Arva	1320 Prospect St, Seattle, Wash	MA2-0177
Neb	Crossley Associates	842 Raymond Ave, St Paul, Minn	MI6-7881
Nev	Neely Enterprises	3939 Lankershim Blvd. N. Hollywood, Cal	TR7-0721
Nev	Neely Enterprises	1317 15th St. Sacramento 14, Cal	GI2-8901
NH	Yewell Associates	Middlesex Trnpk, Burlington, Mass	BR2-9000
NJ	I E Robinson Co	802 Main St, Asbury Park, NJ	KE1-3150
NM	Neely Enterprises	6501 Lomas Blvd. NE. Albuquerque	AL5-5586
NM	Neely Enterprises	114 S. Water St. Las Cruces	JA6-2486
NY	R M C Associates	236 E. 75th St, New York, NY	TR9-2023
NY	Edward A Ossmann & Associates	830 Linden Ave, Rochester, NY	LU6-4940
NC	Bivins & Caldwell Inc	1923 N. Main St. High Point	88 2-6873
ND	Crossley Associates	842 Raymond Ave, St. Paul, Minn	MI6-7881
Ohio	S Sterling Co	5827 Mayfield Rd, Cleveland, Ohio	HI2-8080
Ohio	Crossley Associates	2801 Far Hills Ave, Dayton, Ohio	AX9-3594
Okla	Earl Lipscomb Associates	P.O. Box 7084, Dallas, Tex	FL7-1881
Ore	Arva	1320 Prospect St, Seattle, Wash	MA2-0177
Pa	I E Robinson Co., The	144 Elizabeth St. W Conshohocken	CH8-1600
Pa	I E Robinson Co., The	Park Pl. Office Bldg. Camp Hill	RE7-6791
Pa	S. Sterling Co	4232 Brownsville Rd. Pittsburgh 27	TU4-5515
RI	Yewell Associates	Middlesex Trnpk, Burlington, Mass	BR2-9000
SC	Bivins & Caldwell Inc	1923 N. Main St. High Point, NC	88 2-6873
SC	Bivins & Caldwell Inc	3110 Maple Dr. NE. Atlanta 5, Ga	CE3-7522
SD	Crossley Associates	842 Raymond Ave, St Paul, Minn	MI6-7881
Tenn	Bivins & Caldwell Inc	1923 N Main St. High Point, NC	88 2-6873
Tenn	Bivins & Caldwell Inc	3110 Maple Dr. NE. Atlanta 5, Ga	CE3-7522
Tex	Earl Lipscomb Associates	P.O. Box 7084, Dallas, Tex	FL7-1881
Utah	Lahana & Co	1482 Major St. Salt Lake City 15	HU6-8166
Vt	Yewell Associates	Middlesex Trnpk, Burlington, Mass	BR2-9000
Va	Bivins & Caldwell Inc	P.O. Box 6514, Richmond, Va	EL5-7931
Wash	Arva	1320 Prospect St, Seattle, Wash	MA2-0177
W Va	Bivins & Caldwell Inc	1923 N. Main St. High Point, NC	88 2-6873
W Va	Horman Assoc. Inc	941 Rollins Ave. Rockville, Md	HA7-7560
W Va	S Sterling Co	4232 Brownsville Rd. Pittsburgh 27, Pa	TU4-5515
Wis	Crossley Assoc. Inc	2501 W. Peterson Ave. Chicago 45, Ill	BR5-1600
Wis	Crossley Assoc. Inc	842 Raymond Ave. St. Paul 14, Minn	MI6-7881
Wyo	Lahana & Co	1886 S. Broadway, Denver 10, Colo	PE3-3791
Foreign	Hewlett-Packard S A	Rue du Vieux Billard No. 1, Geneva, Switzerland	(022)26. 43. 36
	HEXACON ELECTRIC CO	**130 W. Clay Ave, Roselle Park, NJ**	**CH5-6200**
	M Kolber *100 E 1825		
Ala	McDonough Co., The	1201 San Marco Blvd. Jacksonville 7, Fla	FL9-5282
Ariz	Dillon Stevens & Co	1348 Venice Blvd, Los Angeles 6, Cal	RI7-9221
Ark	J Earl Smith	6211 Denton Dr, Dallas 35, Tex	FL7-1727
Cal	Dillon Stevens & Co.	420 Market St, San Francisco, Cal	
Cal	Dillon Stevens & Co	1348 Venice Blvd, Los Angeles 6, Cal	RI7-9221
Colo	Bax & Co	714 Lincoln St, Denver 3, Colo	AM6-0491
Conn	Howard V Neff	R D 2, Putnam, Conn	WA8-4249
DC	McDonough Co., The	1201 San Marco Blvd. Jacksonville 7, Fla	FL9-5282
Fla	McDonough Co., The	1201 San Marco Blvd. Jacksonville 7	FL9-5282
Ga	McDonough Co., The	1201 San Marco Blvd. Jacksonville 7, Fla	FL9-5282
Idaho	Bax & Co	714 Lincoln St, Denver, Colo	AM6-0491
Ill	DuPage & Neill	1300 Rosalie St, Evanston, Ill	UN4-8220
Ill	Gener Claude	1214 Isabella St, Wilmette, Ill	WA2-4585
Ind	George P Hamilton	1300 Rosalie St, Evanston, Ill	UN4-8220
Iowa	Louis E Bruns Co	917 Central Ave, Kansas City 1, Kan	FI2-2188
Kan	Louis E Bruns Co	917 Central Ave, Kansas City 1, Kan	FI2-2188
La	J Earl Smith	6211 Denton Dr, Dallas 35, Tex	FL7-1727
Me	Coburn Engineering	36 Pequot Rd, Wayland, Mass	EL8-2683
Me	H V Neff	R D 2, Putnam, Conn	WA8-4249
Md	L A Benson Co., Inc	3707 E. Monument St, Baltimore 5, Md	DI2-9225
Mass	H V Neff	R D 2, Putnam, Conn	WA8-4249
Mich	J E Zaiser	21 Reading Ave. Hillsdale	HE7-4589
Minn	Vernon Gummert	P.O. Box 281, Winona, Minn	WI5166
Mo	Louis E Bruns Co	917 Central Ave, Kansas City, Kan	FI2-2188
Mont	Bax & Co	714 Lincoln St, Denver 3, Colo	AM6-0491
Neb	Louis E Bruns Co	917 Central Ave, Kansas City, Kan	FI2-2188
Nev	Bax & Co	714 Lincoln St, Denver 3, Colo	AM6-0491
NH	H V Neff	R D 2, Putnam, Conn	WA8-4249
NJ	Dunn & Bryan	28 Warren St, New York, NY	WO4-8091
NM	Bax & Co	714 Lincoln St, Denver 3, Colo	AM6-0491
NY	Dunn & Bryan	28 Warren St, New York, NY	WO4-8091
Ohio	J E Zaiser	21 Reading Ave. Hillsdale, Mich	HE7-4589
Okla	J Earl Smith	6211 Denton Dr, Dallas 35, Tex	FL7-1727
Ore	G E Engelbrekt	3916 W. Dravus St. Seattle 99, Wash	AT4-8646
Pa	Dunn & Bryan	28 Warren St, New York, NY	WO4-8091
RI	H V Neff	R D 2, Putnam, Conn	WA8-4249
SC	McDonough Co., The	1201 San Marco Blvd. Jacksonville 7, Fla	FL9-5282
Tex	Bax & Co	714 Lincoln St, Denver 3, Colo	AM6-0491
Tex	J Earl Smith	6211 Denton Dr, Dallas 35, Tex	FL7-1727
Utah	Bax & Co	714 Lincoln St, Denver 3, Colo	AM6-0491
Vt	H V Neff	R D 2, Putnam, Conn	WA8-4249
Wash	G E Engelbrekt	3916 W. Dravus St. Seattle 99	AT4-8646
Wisc	Vernon Gummert	P.O. Box 281, Winona, Minn	WI5166
Wyo	Bax & Co	714 Lincoln St, Denver 3, Colo	AM6-0491
Canada	Atlas Tool & Supply Co Ltd	1015 St. Alexander St, Montreal, Que, Can	UN6-5217
For	Lincoln Export Co	38 Pearl St. NY 7, NY	DI4-0218
	HEXCEL PRODUCTS, INC	**2332 4th St. Berkeley 10, Cal**	
	850		
•	**HEYMAN MFG CO**	**Kenilworth 2, NJ**	**CH5-2345**
	J Holder #4 *70 E 175-770-1465		
Ala	Buchanan & Abrams Associates	1226 E. Colonial Dr, Orlando, Fla	GA3-8995
Ariz	F A Pease Co	4921 E. 38th Ave. Denver 7, Colo	DU8-4643
Ark	Wm P Schoenfield	4407 Northcrest Rd, Dallas 29, Tex	FL2-6200
Cal	Agencies Co	836 Traction Ave. LA	MA6-5444
Cal	Fisher Switches Inc	40 Gough St. SF 3	UN1-2569
Colo	F A Pease	4921 E 38th Ave. Denver 7	DU8-4634
Conn	Robert Jones & Co., Inc	593 Mineral Spring Ave, Pawtucket, RI	PA5-3517
Del	Robert Jones & Co., Inc	593 Mineral Spring Ave, Pawtucket, RI	PA5-3517
Fla	Buchanan & Abrams Associates	1226 E. Colonial Dr, Orlando, Fla	GA3-8995
Ga	Buchanan & Abrams Associates	1226 E. Colonial Dr, Orlando, Fla	GA3-8995
Idah	F A Pease Co	4921 E. 38th Ave. Denver 7, Colo	DU8-4643
Ill	D J Campbell Co	200 Albert St. Waukesha, Wis	GR6-2614
Ind	D J Campbell Co	200 Albert St. Waukesha, Wis	GR6-2614
Iowa	D J Campbell Co	200 Albert St. Waukesha, Wis	GR6-2614
Kan	D J Campbell Co	200 Albert St. Waukesha, Wis	GR6-2614

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ky	D J Campbell Co	200 Albert St. Waukesha, Wis	GR6-2614
Me	Robert Jones & Co., Inc	593 Mineral Spring Ave, Pawtucket, RI	PA5-3517
Md	Robert Jones & Co., Inc	593 Mineral Spring Ave, Pawtucket, RI	PA5-3517
Mass	Robert Jones & Co., Inc	593 Mineral Spring Ave, Pawtucket, RI	PA5-3517
Mich	D J Campbell Co	200 Albert St. Waukesha, Wis	GR6-2614
Minn	D J Campbell Co	200 Albert St. Waukesha, Wis	GR6-2614
Miss	Buchanan & Abrams Associates	1226 E. Colonial Dr, Orlando, Fla	GA3-8995
Mo	D J Campbell Co	200 Albert St. Waukesha, Wis	GR6-2614
Mont	F A Pease Co	4921 E. 38th Ave. Denver 7, Colo	DU8-4643
Neb	D J Campbell Co	200 Albert St. Waukesha, Wis	GR6-2614
NH	Robert Jones & Co., Inc	593 Mineral Spring Ave, Pawtucket, RI	PA5-3517
NM	F A Pease Co	4921 E. 38th Ave. Denver 7, Colo	DU8-4643
Ohio	Richard H Pierce Co	12417 Cedar Rd, Cleveland 6, Ohio	YE2-5778
Ohio	D J Campell Co	200 Albert St. Waukesha, Wis	GR6-2614
Okla	Wm P Schoenfield	4407 Northcrest Rd, Dallas 29, Tex	FL2-6200
Ore	Pacific Electric Sales Co	140 SE. 28th Ave. Portland 14	BE5-4137
RI	Robert Jones & Co., Inc	593 Mineral Spring Ave, Pawtucket, RI	PA5-3517
Tenn	Buchanan & Abrams Associates	1226 E. Colonial Dr, Orlando, Fla	GA3-8995
Tex	Wm P Schoenfield	4407 Northcrest Rd, Dallas 29, Tex	FL2-6200
Utah	F A Pease Co	4921 E. 38th Ave. Denver 7, Colo	DU8-4643
Vt	Robert Jones & Co., Inc	593 Mineral Spring Ave, Pawtucket, RI	PA5-3517
Wash	Pacific Electric Sales Co	140 SE. 28th Ave. Portland 14, Ore	BE5-4137
Wis	D J Campbell Co	200 Albert St. Waukesha	GR6-2614
Wyo	F A Pease Co	4921 E. 38th Ave. Denver 7, Colo	DU8-4643
	HICKOK ELECTRICAL INST CO	**10532 Dupont Ave. Cleveland 8, Ohio**	**LI1-8060**
	J Swinger #72 F 15-25-35-338-895-955		
Cal	Hickok Electrical Inst Co	595 N Lake Ave. Pasadena	MU1-2419
Cal	Emory C Boring	1079 B St. Hayward	LU2-7179
Cal	George Ksander	2495 Shattuck Ave. Berkeley 4	TH5-1771
Colo	Gordon Moss Electronics	1530 13 Ave. Greeley	EL3-1452
Conn	Broger Instrument Sales	31 Broadway, New Haven	SP7-6279
Fla	Hollingsworth & Still	1211 Oaks Blvd. Winter Park	MI7-4150
Fla	Hollingsworth & Still	2770 NE 5th St. Pompano Beach	WH1-4000
Ga	Hollingsworth & Still	508 Whitehead Bldg. Atlanta, Ga	MU8-5878
Hawaii	Gene Piety Factors Inc	2030 Hame Rule St, Honolulu, Hawaii	83-105
Ill	Midwest Electronic Sales	3656 N North Ave. Chicago	CA7-3222
Ill	Price Sales Co	3674 Linden, E St Louis	BR1-0726
Ill	L C McCarthy	7117 W. Addison St. Chicago, Ill	KI5-7476
Ind	Fishman Associates	1634 Nottingham Dr, Indianapolis, Ind	LI6-5477
Kan	George W Kangas Sales Co	10516 W. 65th St. Overland Park, Kan	TU6-5213
La	Earl K Moore Co	5464 Louisville St, New Orleans, La	AU2407
Mass	Johnson Assoc	81 Hermack St. Lowell	GL2-0417
Mass	Broger Instrument Sales, Inc	48 Pearl St. Brookline	BE2-4404
Mich	R C Nordstrom Co	218 Briggs Bldg. Birmingham	JO4-6128
Minn	Nick J Laub Co	3745 W. Broadway, Minneapolis, Minn	JU8-4663
NJ	Hickok Electrical Inst Co	117 Garfield Ave. Paramus	HU9-6160
NY	R W Mitscher	437 Ellicott Square Bldg, Buffalo, NY	WA2517
NY	R W Mitscher	51 Ely Dr, Poughkeepsie, NY	GI6-3164
NY	R W Mitscher Co	716 Shorewood Dr, Webster	HU2-7171
NY	R W Mitscher Co	606 Forest Dr, N, Syracuse	GL8-1321
NY	R W Mitscher Co	51 Ely Dr, Fayetteville	GI6-3164
NC	Hollingsworth & Still	4637 Gilmore Dr, Charlotte, NC	JA3-2966
Ohio	James Lambert & Co	12429 Cedar Rd, Cleveland, Ohio	FA1-4539
Pa	Charles E Babcock	420 Huntington Dr, Wayne, Pa	MUR-8388
Pa	Russel F Clark Co	717 Liberty Ave. Pittsburgh 22	AT1-8089
Tex	Scott Technical Sales	3519 Timberview Rd. Dallas 30	FL2-7698
Tex	W R Hays Co	3416 Rosedale, Dallas 5	EM3-2021
Utah	Gordon Moss Electronics, Inc	1512 Preston St. Salt Lake City	HU5-2870
Va	C E Wolfe	7120 Falcon St. Annandale	EX3-2692
Wisc	Nick J Laub Co	2333 N. Wells St. Milwaukee, Wisc	DI4-2200
Canada	Stark Electronic Sales Ltd	P.O. Box 670, Ajax, Ontario, Canada	AJ125
For	Hickok Elec Instrument Co	333 E 46th St. New York 17, NY	YU6-2244
	HIDYNE INSTRUMENT & ENG. CO.	**309 S. Anderson St. Tullahoma, Tenn**	**GL5-9810**
	J Sharp #4 *9 A 1850		
Cal	E W Benn Co	6214 W. Manchester Blvd. LA 45	
NH	L R Provencher & Assoc	525 Pleasant St. Winchester 2, Mass	
NC	Ridge Instrument Co	162 Tamarack Rd, Oak Ridge, Tenn	
Tex	R R Clarke Co	Box 11231, Houston 19	
	HI-G INC	**10 Bradley Fld, Windsor Locks, Conn**	**NA3-2481**
	J Pfingsten #10 *149 E 1460		
Ala	G F Bohman Co	711 Magnolia Ave. Orlando, Fla	GA5-6860
Alaska	Ray Johnston Co	1011 E. 69th St, Seattle 15, Wash	LA4-5170
Ariz	Penwarden / Dailey Associates	7311 Van Nuys Blvd, Van Nuys, Cal	ST2-4920
Ark	Scott Technical Sales	P O Box 30324, Dallas 30, Tex	FL2-7698
Cal	Penwarden / Dailey Associates	7311 Van Nuys Blvd, Van Nuys, Cal	ST2-4920
Colo	Barnhill Associates	1170 S. Sheridan Blvd, Denver, Colo	WE5-4645
Conn	John E Boeing Co	265 Church St. New Haven, Conn	ST7-0115
Del	L G Korman Associates	Box 55, Kingsville, Md	LY2-7850
DC	L G Korman Associates	Box 55, Kingsville, Md	LY2-7850
Fla	G F Bohman Co	711 Magnolia Ave. Orlando	GA5-6860
Idaho	Ray Johnston Co	1011 E. 69th St. Seattle 15, Wash	LA4-5170
Ill	Gassner & Clark Co	6644 N. Western Ave, Chicago 45, Ill	RO4-6121
Ind	Gassner & Clark Co	6644 N. Western Ave, Chicago 45, Ill	RO4-6121
Iowa	Gassner & Clark Co	6644 N Western Ave. Chicago, Ill	RO4-6121
Iowa	Gassner & Clark Co	6644 N. Western Ave, Chicago 45, Ill	RO4-6121
Kan	Buse Sales Co	924 N Benton St. St Charles, Mo	RA4-6667
Me	John E Boeing Co	Box 235, Lexington 73, Mass	VO2-2500
Md	L G Korman Associates	Box 55, Kingsville, Md	LY2-7850
Mass	John E Boeing Co	Box 235, Lexington 73, Mass	VO2-2500
Minn	G E Arneson Co	1407 Holdridge Ln, Wayzata, Minn	MI4-5844
Mo	Buse Sales Co	924 N Benton St. St Charles	RA4-6667
Mont	Ray Johnston Co	1011 E. 69th St, Seattle 15, Wash	LA4-5170
Neb	Buse Sales Co	924 N Benton St. St Charles, Mo	RA4-6667
Nev	Penwarden Dailey Associates	7311 Van Nuys Blvd, Van Nuys, Cal	ST2-4920
NH	John E Boeing Co., Inc	Box 235, Lexington 73, Mass	VO2-2500
NJ	H W Brede Co	689 Glen Cove Rd, Glenhead, NY	OR6-4900
NM	Barnhill Associates Inc	8310 Cutler Ave, Albuquerque, NM	AX9-8651
NY	Electrocomp Sales, Inc	23 Bradley Rd. Utica	RE2-1602
NY	H W Brede Co., Inc	689 Glen Cove Rd, Glenhead, NY	OR6-4900
Ohio	Electro-Com	1231 Main Ave, Cleveland, Ohio	TO1-4757
Ore	Ray Johnston Co	1011 E. 69th St, Seattle 15, Wash	LA4-5170
Pa	L G Korman Associates	38 Maplewood Ave, Philadelphia, Pa	VI8-2100
RI	John E Boeing Co., Inc	Box 235, Lexington 73, Mass	VO2-2500
Tex	Scott Technical Sales	Box 30324, Dallas 30, Tex	
Utah	Barnhill Associates	207 N. 4th E., Centerville, Utah	AX5-7519

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Vt	John E Boeing Co, Inc	Box 225, Lexington 73, Mass	VO2-2930
Va	L G Kramer Associates	Box 55, Kingsville, Md	LY2-7484
Wash	Ray Johnston Co	1011 E. 69th St. Seattle 15, Wash	LA4-5170
Wisc	Gessner & Clark	6644 N. Western Ave, Chicago 45, Ill	RO4-6121
Can	Airborne Equipment Ltd	920 McEachran Ave, Montreal 8, Que	CR6-2808
Foreign	Dage Corp	219 E. 44th St, New York City, NY	MU2-6755
Foreign	Traco Trading Corp	Jenatschstrasse 1, Box Zurich 27, Switzerland	
	HIGH FIDELITY PRODUCTS	**Box 131, Owensboro, Ky**	
	895		
	HIGH TEMPERATURE MATERIALS INC	**31 Antwerp St. Boston 35, Mass**	**AL4-8950**
	D Mellen #40 *200 E 115-315-760-1125-1575		
	HIGH VACUUM EQUIPMENT CORP SUB ROBINSON TECH PRODS INC	**2 Churchill Rd, Hingham 1, Mass**	**RI9-2430**
	W Weiss #12 *75 315-735-895-1075-1115-1215		
Ariz	Denton & Anderson Co	9224 N. Rosemead, Temple City, Cal	CU3-8436
Cal	Denton & Anderson Co	9224 N. Rosemead Blvd, Temple City	CU3-8436
Ind	Denton & Anderson Co	3740 Salem Ave, Dayton, Ohio	CR7-9327
Ohio	Denton & Anderson Co	3740 Salem Ave, Dayton, Ohio	CR7-9327
	HIGH VOLTAGE ENGINEERING CORP	**Burlington, Mass**	**BR2-1313**
	D Tregoser #150 *700 G 10-895-1135-1400		
Cal	A Klein	410 Marshall Court, Redwood City	EM9-6705
Mass	ADDELCO	225 Centre St. West Roxbury	FA3-7940
Tex	Southwestern Eng. & Equip. Co	4145 Lemmon Ave. Dallas	LA6-7433
Foreign	High Voltage Eng (Eur) N V	Amsterdamseweg-Amersfoort, Netherlands	
	HILL & CO., E VERNON	**P. O. Box 109, Lake Geneva, Wisc**	**CH8-3729**
	N Peterson #1 *2 A 250-895		
•	**HILL ELECTRONICS INC**	**300 N. Chestnut St, Mechanicsburg, Pa**	**PO6-7611**
	J Nickerson #21 *150 E 410-415-670-895		
Ala	George Rohman	711 Magnolia Ave, Orlando, Fla	GA5-6862
Cal	E L Berman	921 Bryant St. SF 3	LY1-7321
Cal	J W Marsh Co	4216-20 W. Jefferson Blvd, LA 16	
Conn	Frank Tylinski	73-63 Bell Blvd. Bayside 64, NY	HO4-8927
DC	Dickinson Sales Co., Inc	302 Marlton Pike, Erlton, NJ	HA8-4086
DC	Dickinson Sales Co., Inc	107 York Rd, Towson 4, Md	VA3-0923
Fla	George Rohman	711 Magnolia Ave, Orlando, Fla	GA5-6862
Ga	George Rohman	711 Magnolia Ave, Orlando, Fla	GA5-6862
Ill	B Keith Peter	4477 Elston Ave, Chicago 30	KI5-1912
Ind	Frederick & Nearing Co	1601 Hanna St. Ft. Wayne, Ind	
Ind	Frederick & Nearing Co	4429 Bridgetown Rd, Cinc 11, Ohio	MO2-1781
Iowa	Charles Orwick	8810 Craig Dr. Overland Park, Kan	NI2-5658
Kan	Charles Orwick	8810 Craig Dr. Overland Park	NI2-5658
Md	Dickinson Sales Co., Inc	302 Marlton Pike, Erlton, NJ	HA8-4086
Md	Dickinson Sales Co., Inc	107 York Rd, Towson 4, Md	VA3-0923
Mich	Frederick & Nearing Co	1601 Hanna St. Ft. Wayne, Ind	
Mo	Charles Orwick	8810 Craig Dr. Overland Park, Kan	NI2-5658
Neb	Charles Orwick	8810 Craig Dr. Overland Park, Kan	NI2-5658
NJ	Frank Tylinski	73-63 Bell Blvd. Bayside 64, NY	HO4-8927
NJ	Dickinson Sales Co., Inc	302 Marlton Pike, Erlton, NJ	HA8-4086
NJ	Dickinson Sales Co., Inc	107 York Rd, Towson 4, Md	VA3-0923
NY	James Semple Co	21 Edgewater Ln, Rochester, NY	FI2-1413
NY	Frank Tylinski	73-63 Bell Blvd, Bayside 64, NY	HO4-8927
Ohio	Frederick & Nearing Co	4429 Bridgetown Rd. Cinc 11	MO2-1781
Okla	Jacobson Co., The	Box 9702, Dallas 14, Tex	FL1-3362
Pa	Dickinson Sales Co., Inc	302 Marlton Pike, Erlton, NJ	HA8-4086
Pa	Dickinson Sales Co., Inc	107 York York Rd, Towson 4, Md	VA3-0923
Tex	Jacobson Co., The	Box 9702, Dallas 14	FL1-3362
Va	Dickinson Sales Co., Inc	302 Marlton Pike, Erlton, NJ	HA8-4086
Va	Dickinson Sales Co., Inc	107 York Rd, Towson 4, Md	VA3-0923
	HILL MACHINE CO	**1301 Eddy Ave, Rockford, Ill**	**TR7-5781**
	R Slattery #4 *50 D 1075		
Ariz	Miles C Wagner	215 E. River Rd, Tucson, Ariz	MA3-5053
Cal	J W Prudhomme Co	920 Market St, Berkeley 7	LA5-7873
Cal	J L Axelson Co	2440 N. Beverly Blvd, Montebello	OV5-8570
Colo	Landes, Zachary & Peterson Co	601 S Jason St. Denver	SH4-1311
Conn	J S Diefenbach	350 Lydale Pl. Meriden	BE5-3155
Del	Don G Leslie	P.O. Box 326, Wayne, Pa	MU8-3311
DC	Don G Leslie	P.O. Box 326, Wayne, Pa	MU8-3311
Ga	Price Eqpt. Co	Box 414, Monroe, NC	AT3-4788
Idaho	Landes, Zachary & Peterson Co	2511 S State St. Salt Lake City, Utah	HU7-7873
Ill	Automation Sales & Eng Co	Box 1827, Rockford	WO4-9876
Ill	L Heeren	9641 Manchester Ave, Rock Hill 19, Mo	WI1-3300
Iowa	Automation Sales & Eng. Co	Box 1827, Rockford, Ill	WO4-9876
Kan	Hasan Machinery & Supply Inc	1823 Walnut St, KC 8, Mo	VI2-3558
Me	Automation Components	Box 115, Wellesley Hills, Mass	CE5-3334
Md	Don G Leslie	P.O. Box 326, Wayne, Pa	MU8-3311
Mass	Automation Components Co	Box 115, Wellesley Hills	CE5-3334
Mass	J Diefenbach	350 Lydale Pl. Meriden, Conn	BE5-3155
Mich	Eberle & Associates	20256 Livernois Ave, Detroit 21, Mich	DI1-1755
Minn	G C Peterson Machinery Co	117 N. Washington, Mpls	FE2-8211
Mo	Hasan Machinery & Supply Inc	1812 Walnut St, KC	VI2-3558
Nev	Landes, Zachary & Peterson Co	2511 S State St. Salt Lake City, Utah	HU7-7873
NH	Automation Components Co	Box 115, Wellesley Hills, Mass	CE5-3334
NJ	Don G Leslie	P.O. Box 326, Wayne, Pa	MU8-3311
NM	Landes, Zachary & Peterson Co	Box 3245, Albuquerque	AL6-9449
NY	T A Herald	216 Jamaica Rd. Tonawanda	TF3-4492
NY	Don G Leslie	P.O. Box 326, Wayne, Pa	MU8-3311
NC	Price Eqpt Co	Box 414, Monroe	AT3-4788
Ohio	Feeder Automation Sales	20001 Lake Rd. Cleve 16	ED3-2677
Pa	Feeder Automation Sales	1 Cedar Blvd. Pittsburgh	LO1-4488
Pa	Don G Leslie	P.O. Box 326, Wayne, Pa	MU8-3311
RI	Don G Leslie Co	Box 326, Wayne, Pa	MU8-3311
SC	Price Eqpt Co	Box 414, Monroe, NC	AT3-4788
Utah	Landes, Zachary & Peterson Co	2511 S State St. Salt Lake City	HU7-7873
Va	Price Eqpt Co	Box 414, Monroe, NC	AT3-4788
Wis	Automation Sales & Eng Co	Box 1827, Rockford, Ill	WO4-9876
Wis	Peterson Machinery Co	117 N Washington, Minneapolis, Minn	FE2-8211
	HILL RESEARCH CO	**49 Buckeye Ave, Oakland 18, Cal**	**OL2-4172**
	895-1135-1340		
•	**HILLBURN ELECTRONICS CORP**	**55 Nassau Ave. Brooklyn 22, NY**	**ST2-3290**
	E Fieldsteel 1135-1460		
Ala	James Millar Assoc	Box 7116 Sta C, Atlanta 9, Ga	TR6-0919
Ariz	Ed Landa Co	1736 Westwood Blvd. LA 24	BR2-9525
Ark	Texport Co., The	2147 Farrington St. Dallas 7, Tex	RI3-6458
Cal	Ed Landa Co	1736 Westwood Blvd. LA 24	BR2-9525
Cal	Gene F Straube Co	1101 Sesame Dr. Sunnyvale	RE9-8640
Fla	James Millar Assoc	Box 96, Maitland	
Ga	James Millar Assoc	Box 7116 Sta C, Atlanta 9	TR6-0919
Idaho	Nelson Co	710 E. Louisiana Ave. Denver 10, Colo	PE3-5528
Ill	A H Bruning Co	4120 W. Peterson Ave. Chicago 46	AV2-5171
Kan	Gordon Fixman Eng Co	8160 Stanford Ave. St. Louis Mo	
La	Texport Co., The	2147 Farrington St. Dallas 7, Tex	RI3-6458
Minn	L H Josefson and Assoc	402 Sweet Briar Lane,Hopkins	
Miss	Texport Co., The	2147 Farrington St. Dallas 7, Tex	RI3-6458
Mont	Nelson Co	710 E. Louisiana Ave. Denver, Colo	PE3-5528
Nev	Gen F Straube Co	1101 Sesame Dr. Sunnyvale, Cal	RE9-8640
Nev	Ed Landa Co	1736 Westwood Blvd. LA 24, Cal	BR2-9525
NJ	S A Shaw Co. Inc	361 Central Park Ave. Yonkers, NY	YO3-5700
NM	Nelson Co	710 E. Louisiana Ave. Denver 10, Colo	PE3-5528
NY	S A Shaw Co. Inc	361 Central Park Ave. Yonkers	YO3-5700
NY	Marsuy Sales Inc	529 Merchants Rd Rochester 9	HU2-4133
NC	James Millar Assoc	Box 7116-Sta C, Atlanta 9, Ga	TR6-0919
ND	L H Josefson & Assoc	402 Sweet Briar La, Hopkins, Minn	WE8-6695
Ohio	John O Olsen Co	16201 Shaker Blvd. Cleve 20	BR9-2550
Okla	Texport Co., The	2147 Farrington St. Dallas 7, Tex	RI3-6458
Pa	John O Olsen Co	16201 Shaker Blvd. Cleve 20, Ohio	BR9-2550
SC	James Millar Assoc	Box 7116-Sta C, Atlanta 9, Ga	TR6-0919
SD	L H Josefson & Assoc	402 Sweet Briar La, Hopkins, Minn	WE8-6695
Tenn	James Millar Assoc	Box 7116-Sta C, Atlanta 9, Ga	TR6-0919
Tex	Texport Co., The	2147 Farrington St. Dallas 7	RI3-6458
Utah	Nelson Co	710 E. Louisiana Ave. Denver, Colo	PE3-5528
Wis	A H Bruning Co	4120 W. Peterson Ave. Chicago 46, Ill	AV2-5171
Wyo	Nelson Co	710 E. Louisiana Ave. Denver, Colo	PE3-5528
Can	Abbey Electronics Ltd	555 Wilson Ave. Downsview, Ont	ME5-6181
For	Leonard L Melhorne Co. Inc	15 Moore St. NY	BO9-6272
	HILLYER CORP	**244 Sheffield St. Mountainside, NJ**	
	J Stock 330-1075		
Ala	Abrasive & Tool Specialists Inc	4245 Morris Ave. Birmingham 12	LY2-4381
Ariz	Dayton & Bisswell	1950 Lovelace Ave. LA, Cal	RI7-4151
Cal	F W Stassmann Mach. Corp	600 S. Bayshore Freeway, San Mateo	DI4-6464
Cal	Dayton & Bisswell	1950 Lovelace Ave. LA	RI7-4151
Conn	S-H Automation Eqpt. Co	Box 652, Greenfield, Mass	PR3-5835
DC	George E Viereck & Co. Inc	1507 M St. NW, Washington	CO5-5034
Fla	R O Deaderick Co. Inc	Box 1942, Knoxville, Tenn	MN4-2537
Ill	Federal-Bryant Machinery Co	4639 Washington Blvd, Chicago 44, Ill	ES8-3307
Ind	Machine Tool Affiliated	2151 E. 46th St. Indpls 5	CL5-3446
Iowa	Federal-Bryant Machinery Co	4639 Washington Blvd. Chicago, Ill	ES8-3307
Kan	Ernst-Eichman Machinery Corp	1701 Locust St. KC 8, Mo	VI2-1336
Ky	Kean Machinery Co	Roselawn Center Bldg. Cinc, Ohio	JE1-4504
Me	S-H Automatic Eqpt. Co	Box 652, Greenfield, Mass	PR3-5835
Md	George E Viereck & Co. Inc	1507 M St. NW, Washington, DC	CO5-5034
Mass	S-H Automation Eqpt. Co	Box 652, Greenfield	PR3-5835
Mich	Federal-Bryant Machinery Co	4639 Washington Blvd. Chicago, Ill	ES8-3307
Minn	Federal-Bryant Machinery Co	4639 Washington Blvd. Chicago, Ill	ES8-3307
Mo	Machinery Prods. Corp	36 Meppen Dr. St. Louis 28	VI3-2682
NH	S-H Automation Eqpt Co	Box 652, Greenfield, Mass	PR3-5835
NJ	Hillyer Corp	331 Centennial Ave. Cranford	BR6-8710
NC	Crotts & Saunders Eng. Inc	235 N. Main St. Winston Salem	PA4-0163
ND	Federal-Bryant Machinery Co	4639 Washington Blvd. Chicago, Ill	ES8-3307
Ohio	National Sales Eng. Co	15805 Wyoming Ave. Detroit, Mich	DI1-0051
Pa	R T Schaller Co	1627 Northampton St. Easton	BL2-2435
RI	S-H Automation Eqpt. Co	Box 652, Greenfield, Mass	PR3-5835
SC	Crotts & Saunders Eng. Inc	235 N. Main St. Winston Salem, NC	PA4-0163
SD	Federal-Bryant Machinery Co	4639 Washington Blvd. Chicago, Ill	ES8-3307
Tex	Southwest Ind. Sales Co	2526 W. Mockingbird Ln. Dallas	FL2-1709
Vt	S-H Automation Eqpt. Co	Box 652, Greenfield, Mass	PR3-5835
Va	George E Viereck & Co. Inc	1507 M St. NW, Washington, DC	CO5-5034
For	Cosa Export Co. Inc	405 Lexington Ave. NY, NY	MU2-5833
	HI-LO MFG CORP	**1122 W. Newport Ave, Chicago 13, Ill**	**GR7-1890**
	J Lock #2 45-315-345-375-790-895-905-1005-1025-1075-1120-1135-1155-1170-1200-1225-1815		
Ala	Al Engelman Co	3105 Crump Ave. Memphis, Tenn	
Alas	Dorn Grinols Co	625 E 77th St. Seattle, Wash	
Cal	L A Natt & Co	1061 Howard St. San Francisco, Cal	
Cal	Unger Sales Assoc	9925 Venice Blvd. Los Angeles	
Colo	Rodgers Sales Co	8171 Julian St. Westminster	
Conn	James F White Co	100 Hillcrest Rd. Windsor	
Del	James F White Co	100 Hillcrest Rd. Windsor, Conn	
DC	Electronic Specialties	4212 Matthews Ln. Kensington, Md	
Fla	Ted Sharaf Assoc	4100 Lincoln St. Hollywood	
Hawaii	L A Natt & Co	1061 Howard St. San Francisco, Cal	
Ill	Mort Friedman Co	4751 N Rockwell St. Chicago	
Iowa	Jack Larson	4531 Walnut St. Omaha, Neb	
La	Al Engelman Co	3105 Crump Ave. Memphis, Tenn	
Me	James F White Co	100 Hillcrest Rd. Windsor, Conn	
Md	Electronic Specialties	4212 Matthews Ln. Kensington	
Mass	James F White Co	100 Hillcrest Rd. Windsor, Conn	
Mich	Art Gosselin Co	20001 Greydale St. Detroit	
Miss	Al Engelman Co	3105 Crump Ave. Memphis, Tenn	
Mo	Sehel & Associates	7608 Forsyth St. Clayton	
Neb	Jack Larson	4531 Walnut St. Omaha	
NH	James F White Co	100 Hillcrest Rd. Windsor, Conn	
NY	J L Robb	242 W 24th St. New York	
NC	Chas Furman Assoc	1228 Harding Pl. Charlotte	
Ohio	Ohio Associates	P O Box 245, Vaughnsville	
Ore	Dorn Grinols Co	625 E 77th St. Seattle, Wash	
Pa	Morris F Taylor Co	912 Princeton Dr. Pittsburgh	
RI	James F White Co	100 Hillcrest Rd. Windsor, Conn	
Tenn	Al Engelman Co	3105 Crump Ave. Memphis	
Vt	James F White Co	100 Hillcrest Rd. Windsor, Conn	
Va	Electronic Specialties	4212 Matthews Ln. Kensington, Md	
Wash	Dorn Grinols Co	625 E 77th St. Seattle	
Wis	Mort Friedman Co	4751 N Rockwell St. Chicago, Ill	
	HINCHMAN MFG. CO. INC	**259 1st Ave. E. Roselle, NJ**	**CH1-2810**
	#2 *10 1075-1290		
Ill	J Mark Maire Co	628 S. 5th St. Goshen, Ind	KE3-3575
Ind	J Mark Maire Co	628 S. 5th St. Goshen	KE3-3575
Mass	Browne & Shaw Co. Inc	751 Main St. Waltham 54	TW3-1946
Mich	J Mark Maire Co	628 S. 5th St. Goshen, Ind	KE3-3575
NJ	G M Rounds Co	Box 191, Roselle	CH1-2805
NY	G M Rounds Co	Box 191, Roselle, NJ	CH1-2805
Ohio	J Mark Maire Co	628 S. 5th St. Goshen, Ind	KE3-3575
Pa	G M Rounds Co	Box 191, Roselle, NJ	CH1-2805
Va	G M Rounds Co	Box 191, Roselle, NJ	CH1-2805
	HINDE & DAUCH DIV., WEST VIRGINIA PULP & PAPER CO	**407 Decatur St, Sandusky, Ohio**	**MA5-6610**
	R Ackerman 135		
Cal	Hinde & Dauch	555 Maple, Torrance	FA8-9500
Conn	Hinde & Dauch	P.O. Box 335, Meriden, Conn	BE5-2551
Ill	Hinde & Dauch	3301 W. 47th Pl, Chicago 32, Ill	LA3-4200
Kan	Hinde & Dauch	530 Sunshine Rd. KC	MA1-6292
Md	Hinde & Dauch	3400 E. Biddle St, Baltimore 13, Md	EA7-7370
Mass	Hinde & Dauch	70 Grove St, Watertown 72, Mass	WA4-2840
Mich	Hinde & Dauch	13870 W. Chicago Blvd, Detroit 28, Mich	WE3-3850
Mo	Hinde & Dauch	6100 Penrose St, St. Louis 15, Mo	EV3-0200
NJ	Hinde & Dauch	550 Ninth St. Hoboken	OL9-4400
NJ	Hinde & Dauch	5th St. Gloucester City	GL6-1150
NY	Hinde & Dauch	95 Dorothy St. Buffalo	TA2-3131
NC	Hinde & Dauch	601 N. Modena St, Gastonia, NC	UN4-3761
Ohio	Hinde & Dauch	RR. #2, Eaton	GL6-4131
Ohio	Hinde & Dauch	2210 W. 110th St, Cleveland 2, Ohio	WO1-4060
Va	Hinde & Dauch	2300 Jefferson Davis, Richmond, Va	BE2-5691
	HINDLE TRANSFORMER CO. INC	**Woods Church Rd. Flemington, NJ**	**ST2-5525**
	#5 D 320-1855		
•	**HIRSCHMANN CO. INC., CARL**	**30a Park Ave. Manhasset, NY**	**MA7-8300**
	M Keeler E 1075-1775-1915		
Cal	Carl Hirschmann Co. Inc	5124 Pacific Blvd. Los Angeles 58	LU7-2278
Conn	Max A Schrack	Mamanasco Lake Rd. Ridgefield	
Ill	Carl Hirschmann Co. Inc	4515 N Cicero Ave. Chicago 41	MU5-8300
Mass	Joe Featherstone	P O Box 212, Manchester	
NH	Joe Featherstone	P O Box 212, Manchester, Mass	
NJ	Ernie Mickow	57 Chestnut Hill, Murray Hill	CR7-6557
Ore	Harry W Eurler Co	2811 NE Glisan St. Portland 12	
Wis	George Graves	R 3 Box 48, Whitewater	TU3-2925
Can	Carl Hirschmann Co of Can. Ltd	5212 Dundas St. W, Toronto, Ont	BE3-6091
For	Carl Hirschmann A.G.	Tirolstr 62, Zurich, Switz	
	HISONIC, INC	**Box 534, Shawnee, Kansas**	**ME1-8654**
	W Bambright #3 *15 A 320-450-670-1830-1865		
Cal	W R Erskine Co	P.O. Box 393, Balboa Island, Cal	OR3-4228
Mass	L R Prowmcher & Associates	Lowell Rd, Westford, Mass	MY2-8779
Minn	K L Tannhill, Inc	2534 25th Ave S, Mpls, Minn	PA1-5563
NJ	R B Scanlon Co	283 Palisade Ave, Yonkers, NY	GR6-2321
NY	R B Scanlon Co	283 Palisade Ave, Yonkers, NY	GR6-2321
NY	Savco, Inc	124 Hinne Rd, East Syracuse, NY	GI6-4927
Okla	Scott Technical Sales	P.O. Box 35324, Dallas, Tex	FL2-7698
Tex	Scott Technical Sales	P.O. Box 35324, Dallas, Tex	FL2-7698
	HI-SPEC ELECTRONICS CORP	**7328 Ethel Ave. N. Hollywood, Cal**	**TR7-6519**
	J Welsh #2 *14 B 1460		
Ala	Argus Eng Co	Box 68, Warminster, Pa	OS5-4131
Ariz	Richard Capell Co	2639 S. LaCienega Blvd, L A 34, Cal	UP0-8616
Cal	Richard Capell Co	2639 S. LaCienega Blvd, Los Angeles	UP0-8616
Cal	Richard Capell Co	926 Industrial Ave, Palo Alto, Cal	DA1-2194
Colo	Sanford Co	1727 E. Second St. Wichita, Kan	AM5-3553
Conn	Todino Engineering Sales Inc	1007 Farmington Ave, West Hartford, Conn	AD2-8632
Del	Todino Eng Sales Inc	50 Kearney Rd. Needham Hts, Mass	HI4-7925
DC	Argus Eng Co	Box 68, Warminster, Pa	OS5-4131
Fla	Argus Eng Co	Box 68, Warminster, Pa	OS5-4131
Ga	Argus Eng Co	Box 68, Warminster, Pa	OS5-4131
Kan	Sanford Co	1727 E. Second St. Wichita	AM5-3553
Me	Todino Engineering Sales Inc	50 Kearney Rd, Needham Heights 94, Mass	HI4-7925
Md	Argus Eng. Co	Box 68, Warminster, Pa	OS5-4131
Mass	Todino Engineering Sales Inc	50 Kearney Rd, Needham Heights 94, Mass	HI4-7925
Mo	Sanford Co	1727 E. 2nd St. Wichita, Kan	AM5-3553
NH	Todino Engineering Sales Inc	50 Kearney Rd, Needham Heights 94, Mass	HI4-7925
NJ	Argus Eng Co	Box 68, Warminster, Pa	OS5-4131
NY	Argus Eng Co	Box 68, Warminster, Pa	OS5-4131
NC	Argus Eng Co	Box 68, Warminster, Pa	OS5-4131
Okla	Sanford Co	1727 E. 1st St. Wichita, Kan	AM5-3553
Ore	Richard Capell Co	2639 S La Cienega Blvd. LA, Cal	UP0-8616
Pa	Argus Eng Co	Box 68, Warminster	OS5-4131
RI	Todino Engineering Sales Inc	P.O. Box 231, Needham Heights 94, Mass	HI4-7925
SC	Argus Eng Co	Box 68, Warminster, Pa	OS5-4131
Tenn	Argus Eng Co	Box 68, Warminster, Pa	OS5-4131
Tex	Sanford Co	1727 E. 2nd St. Wichita, Kan	AM5-3553
Utah	Sanford Co	1727 E. 2nd St. Wichita, Kan	AM5-3553
Vt	Todino Engineering Sales Inc	P.O. Box 231, Needham Heights 94, Mass	HI4-7925
Va	Argus Eng Co	Box 68, Warminster, Pa	OS5-4131
Wash	Richard Capell Co	2639 S. La Cienega Blvd. LA, Cal	UP0-8616
W Va	Argus Eng Co	Box 68, Warminster, Pa	OS5-4131
•	**HITACHI LTD**	**1-4 Marunouchi Chiyoda-ku Tokyo, Jap**	**271-1111**
	105-895-1165-1445-1610-1860-1880		
NY	Hitachi NY Ltd	501 5th Ave. NY 17	YU6-5257
•	**HITEMP WIRES CO, DIV SIMPLEX WIRE & CABLE CO**	**1200 Shames Dr, Westbury, NY**	**ED3-4600**
	M Schmidt #8 *250 D 1960		
Ala	Wm H Jones Co	1107 Echo Ct, Towson 4, Md	VA3-2434
Ariz	Premmco Inc	3217 E. Washington St, Phoenix, Ariz	BR5-7588
Cal	Premmco Inc	5470 Valley Blvd, L A 32, Cal	CA2-0367
Cal	James S Heaton Co	413 Lathrop St, Redwood City, Cal	EM6-5278
Colo	Rowley Bennett Inc	1370 S. Eaton Ct, Denver 14, Colo	WA2-2624
Conn	R H Whitehead Jr & Assoc	57 Whitfield St, Guilford, Conn	GL3-3362
DC	S W Goodman Co	32 W. Biddle St, Baltimore 1, Md	SA7-4118
Fla	Par Co	Box 10302, St. Petersburg 33, Fla	DI5-7608
Ga	Wm H Jones Co	1107 Echo Ct. N., Towson 4, Md	VA3-2434

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Idaho	Rowley Bouvette Inc	955 Folsom Ave, Salt Lake City, Utah	DA2-2041
Ill	Charles Rossi Sales Co	2429 N. 73rd Ave, Chicago, Ill	GL6-4710
Ind	W H Myers Sales Co	Syracuse 3, Ind	SY702-R
Iowa	Charles Rossi Sales Co	2429 N. 73rd Ave, Chicago, Ill	GL6-4710
Kan	Halgin Sales	5920 Nall Ave, Mission, Kan	HE2-4359
Ky	Gallagher Co	15 Ritchie Ave, Cincinnati 15, Ohio	PO1-1288
Me	R H Whitehead Jr & Assoc	2 Brimmer St, Boston, Mass	CA7-2590
Md	S W Goodman Co	32 W. Biddle St, Baltimore 1, Md	SA7-6116
Mass	H Whitehead Jr & Associates	2 Brimmer St, Boston, Mass	CA7-2590
Mich	Jim Marrive Sales	13149 Hamilton Ave, Highland Park 3	TO5-7600
Minn	Kenneth L Tannahill	2534 25th Ave, S. Minneapolis, Minn	PA1-5563
Mo	Halgin Sales	5920 Nall Ave, Mission, Kan	HE2-4359
Neb	Halgin Sales	5920 Nall Ave, Mission, Kan	HE2-4359
NH	R H Whitehead Jr & Assoc	2 Brimmer St, Boston, Mass	CA7-2590
NJ	Thomas M Mills Co	13 B Tanner St, Haddonfield, NJ	HA9-1005
NM	Premmco Inc	2513 Rio Grande Blvd, N.W., Albuquerque	DI4-4118
NY	Par Distributors	P.O. Box 36, Woodbury, NY	MY2-8250
NY	P L Kirsh Associates Inc	223 Windemere Rd, Rochester, NY	BU8-0706
NC	Missiletronics Inc	3309 Nottingham Rd, Winston Salem, NC	PA3-4204
Ohio	Gallagher Co	15 Ritchie Ave, Cincinnati 15, Ohio	PO1-1288
Ore	Ray Johnston Co	1011 E. 69th St, Seattle 15, Wash	LA4-5170
Pa	Thomas M Mills Co	13 B Tanner St, Haddonfield, NJ	HA9-1005
RI	R H Whitehead Jr & Assoc	2 Brimmer St, Boston, Mass	CA7-2590
SC	Missiletronics Inc	P.O. Box 6096, Charlotte, NC	ED4-3994
Tenn	Wm M Jones Co	1107 Echo Ct. N., Towson 4, Md	VA3-2434
Tex	P J Scanlon Co	2908 Inwood Rd, Dallas 35, Tex	FL1-9991
Utah	Rowley Bouvette Inc	955 Folsom Ave, Salt Lake City, Utah	DA2-2041
Vt	R H Whitehead Jr & Assoc	2 Brimmer St, Boston, Mass	CA7-2590
Va	Par Distributors	P.O. Box 36, Woodbury, NY	MY2-8250
Wash	Ray Johnston Co	1011 E. 69th St, Seattle 15, Wash	LA4-5170
W.Va	Par Distributors	P.O. Box 36, Woodbury, NY	MY2-8250
Wisc	Chas Rossi Sales Co	2429 N. 73rd Ave, Chicago 35, Ill	GL6-4710
Wyo	Rowley Bouvette Inc	1370 S. Eaton Ct, Denver 14, Colo	WA2-2624
Canada	P L Kirsh Assoc Inc	223 Windemere Rd, Rochester, NY	BU8-0705
	HI-TEST CHEMICAL CORP	**722 64th St, Brooklyn 20, NY**	
	F Lowey #2 *5 B 315-900		
	HOBSON BROTHERS INC	**4940 W. Lawrence Ave, Chicago 30, Ill**	**AV3-3600**
	H Bohm #2 *100 D 300-345-905-1875		
	HOFFMAN CO. P. R.	**Carlisle, Pa**	**CH3-2011**
	L McGinnes #3 *90 D 410-1075		
Foreign	R K Price Associates Inc	509 Madison Ave, New York 22, NY	MU8-7687
Foreign	Hakuto Co Ltd	P.O. Box 163, Nihonbashi, Tokyo, Japan	(24)6201-2
	HOFFMAN ELECTRONICS CORP MILITARY PRODUCTS DIV	**3740 S. Grand Ave, Los Angeles 7, Cal**	**RI7-4488**
	R Turner #469 *3,800 G 895		
NJ	Harold G Wood	710 Mattison Ave. Asbury Park	FF7-5700
NY	C R Giammo	1333 E. Dominick, Rome, NY	RU5609
Ohio	K C McClellan	1st & Ludlow St, Dayton 2	BA2-3726
Wash	J R O'Brien	1625 Eye St. NW 6	EX3-1862
	HOFFMAN ELECTRONICS SEMICONDUCTOR DIV	**1001 N. Arden Dr, El Monte, Cal**	**CU3-7191**
	E Bradley #100 *1000 G 235-255-500-1445-1860		
Ala	Roy Attaway Co	2315 Bob Wallace Ave SW, Huntsville	534-2811
Ala	Hoffman Electronics	4230 S.W. 15th St, Miami 44, Fla	HI3-6065
Alas	Hoffman Electronics	1561 Laurel St. San Carlos, Cal	LY1-5796
Ariz	Hoffman Electronics	633 Alameda Blvd. Coronado, Cal	BE9-6850
Ark	Hoffman Electronics	6300 N. Central Expwy, Dallas, Tex	EM1-7964
Cal	Hoffman Electronics	1561 Laurel St. San Carlos	LY1-5796
Cal	Hoffman Electronics	633 Alameda Blvd. Coronado	BE9-6850
Colo	Barnhill Associates	1170 S Sheridan Blvd. Denver	WE5-4646
Colo	Hoffman Electronics	1561 Laurel St. San Carlos, Cal	LY1-5796
Conn	Hoffman Electronics	250 Boylston, Boston, Mass	CO2-1340
Del	Hoffman Electronics	1625 I St NW, Washington, DC	ST3-7857
DC	Hoffman Electronics	1625 I St NW, Washington	ST3-7857
Fla	Hoffman Electronics	4230 S.W. 15th St, Miami 44, Fla	HI3-6065
Ga	Hoffman Electronics	4230 S.W. 15th St, Miami 44, Fla	HI3-6065
Idah	Seatronics, Inc	P O Box 2126, Idaho Falls	JA2-7992
Ill	Hoffman Electronics	930 Pitner Ave, Evanston, Ill	UN9-2400
Ind	Hoffman Electronics	930 Pitner Ave, Evanston, Ill	UN9-2400
Iowa	Hoffman Electronics	930 Pitner Ave, Evanston, Ill	UN9-2400
Kan	Hoffman Electronics	6300 N. Central Expwy, Dallas, Tex	EM1-7964
Ky	Hoffman Electronics	930 Pitner Ave, Evanston, Ill	UN9-2400
La	Hoffman Electronics	6300 N. Central Expwy, Dallas, Tex	EM1-7964
Me	Hoffman Electronics	250 Boylston, Boston, Mass	CO2-1340
Md	Hoffman Electronics	1625 I St NW, Washington, DC	ST3-7857
Mass	Hoffman Electronics	250 Boylston, Boston	CO2-1340
Mich	Hoffman Electronics	930 Pitner Ave, Evanston, Ill	UN9-2400
Minn	Hoffman Electronics	930 Pitner Ave, Evanston, Ill	UN9-2400
Miss	Hoffman Electronics	4230 S.W. 15th St, Miami 44, Fla	HI3-6065
Mo	Kay Sales Co	2900 Grand Ave. Kansas City 8	BA1-3800
Mo	Hoffman Electronics	6300 N. Central Expwy, Dallas, Tex	EM1-7964
Mont	Hoffman Electronics	1561 Laurel St. San Carlos, Cal	LY1-5796
Neb	Hoffman Electronics	930 Pitner Ave, Evanston, Ill	UN9-2400
Nev	Hoffman Electronics	1561 Laurel St. San Carlos, Cal	LY1-5796
NH	Hoffman Electronics	250 Boylston, Boston, Mass	CO2-1340
NJ	Hoffman Electronics	710 Mattison Ave, Asbury Park, NJ	PR6-7600
NJ	Hoffman Electronics	310 Northern Blvd, Great Neck, NY	HU7-2660
NM	Hoffman Electronics	6300 N. Central Expwy, Dallas, Tex	EM1-7964
NY	Hoffman Electronics	P O Box 2668, Buffalo	TF9-2094
NY	Hoffman Electronics	310 Northern Blvd, Great Neck, NY	HU7-2660
NY	Robert W Jackson Co	P.O. Box 52, Fayetteville, NY	NE7-3251
NC	Hoffman Electronics	4230 S.W. 15th St, Miami 44, Fla	HI3-6065
ND	Hoffman Electronics	930 Pitner Ave, Evanston, Ill	UN9-2400
Ohio	Hoffman Electronics	930 Pitner Ave, Evanston, Ill	UN9-2400
Okla	Hoffman Electronics	6300 N. Central Expwy, Dallas, Tex	EM1-7964
Ore	Hoffman Electronics	1561 Laurel St. San Carlos, Cal	LY1-5796
Pa	Hoffman Electronics	930 Pitner Ave, Evanston, Ill	UN9-2400
Pa	Hoffman Electronics	710 Mattison Ave, Asbury Park, NJ	PR6-7600
RI	Hoffman Electronics	250 Boylston, Boston, Mass	CO2-1340
SC	Hoffman Electronics	4230 S.W. 15th St, Miami 44, Fla	HI3-6065
SD	Hoffman Electronics	930 Pitner Ave, Evanston, Ill	UN9-2400
Tenn	Hoffman Electronics	4230 S.W. 15th St, Miami 44, Fla	HI3-6065
Tex	Hoffman Electronics	6300 N. Central Expwy, Dallas, Tex	EM1-7964
Utah	Barnhill Assoc	660 E 1st St N, Centerville	
Vt	Hoffman Electronics	250 Boylston, Boston, Mass	CO2-1340
Wash	Seatronics, Inc	1817 Norman St. Seattle 44	EA3-8545
W. Va	Hoffman Electronics	930 Pitner Ave, Evanston, Ill	UN9-2400
Wisc	Hoffman Electronics	930 Pitner Ave, Evanston, Ill	UN9-2400
Wyo	Hoffman Electronics	1561 Laurel St. San Carlos, Cal	LY1-5796
Foreign	Hoffman Electronics	930 Pitner Ave, Evanston, Ill	UN9-2400
	HOFFMAN ENGINEERING CORP	**Anoka, Minn**	**HA1-2242**
	L Bell 180-350-355-590		
	HOGAN FAXIMILE CORP	**635 Greenwich St, New York 14, NY**	**CH2-7855**
	J Watner #30 *100 E 200-325-338-635-895-1435-1515		
	HOLDEN-MASSEY CORP	**140 Allen Blvd, Farmingdale, NY**	**CH9-2990**
	#3 *48 D 180-260-1120-1245-1390		
	HOLLAND STANDARDS INC	**Box 908, Cedar Rapids, Iowa**	**EM5-4760**
	1675		
	HOLLINGSWORTH CO, SOLDERLESS TERMINAL DIV	**Nutt & French Creek Rds, Phoenixville, Pa**	**WE3-8947**
	J Ludwick #6 *150 345-1780		
Cal	Hollingsworth Co	11336 Ventura Blvd. Studio City, Cal	TR7-4626
Colo	Vines & Co	P.O. Box 1025, Denver 1, Colo	TA5-4471
Fla	John R Hollingsworth Co	831 NW 8th Ave, Fort Lauderdale, Fla	JA2-5097
Haw	Gene Piety Factors, Inc	160 McKapua St, Honolulu 17, Haw	837-135
Ill	Norman W Kathrinus & Co	1728 Watch Ave, Springfield, Ill	
Md	L D Lowery, Inc	4508 Annapolis Rd, Bladensburg, Md	EN9-4722
Mass	Jack D Decker	40 Berkley St, Waltham 54, Mass	TW3-2682
Minn	Manufactueres Sales Co	6301 Wayzata Blvd, Mnpls 16	
Miss	L R Massey Co	304 E Jefferson St, Greenwood, Miss	GL3-3038
Mo	Norman W Kathrinus & Co	4356 Duncan Ave, St Louis 10, Mo	OL2-7005
NY	Dana-Beach-Anderson Co., The	101 Park Ave. New York 17	MU5-1776
NC	Harry T Altman	P.O. Box 8031, Charlotte, NC	EX9-8926
Ohio	Hollingsworth Co	17705 Euclid Ave. Cleveland 12, Ohio	KE1-3411
Pa	Wilbur Hale	5514 Wilkins Ave, Pittsburgh 17, Pa	HA1-6110
Tex	L & S Sales Co	P.O. Box 30073, Dallas 30, Tex	
Utah	Riter Engineering Co	1369 Major St, Salt Lake City 10, Utah	IN7-9449
Wash	William R Lanphear Co	3215 Western Ave, Seattle 1	AT4-8150
Wisc	Arthur L Wangsness	5127 N. Woodruff Ave, Milwaukee 17	ED2-7775
Can	Barry Electric Ltd	346 Bering Ave, Toronto 18, Ont	BE1-2731
	HOLLIS ENGINEERING, INC	**669 South Ave. Weston 93, Mass**	**CE5-2165**
	D Bell #2 *14 B 1075		
Ariz	C Michael Inc	703 W. Ivy St. Glendale 4, Cal	CH5-8401
Cal	C Michael Inc	703 W. Ivy St. Glendale 4	CH5-8401
Ore	C Michael Inc	703 W. Ivy St. Glendale 4, Cal	CH5-8401
Utah	C Michael Inc	703 W. Ivy St. Glendale 4, Cal	CH5-8401
Wash	C Michael Inc	703 W. Ivy St. Glendale 4, Cal	CH5-8401
	HOLLYWOOD TELEVISION CO. SURGITRON DIV	**1949 Moffett St. Hollywood, Fla**	**WA2-4534**
	R Wuerth #2 *10 B 1460-1790		
Fla	T Sharaf & Assoc	4100 Lincoln St. Hollywood	YU9-8200
Ill	De Witt Sales Co	8605 N Merrill St. Niles 48	YO5-5497
Mich	De Witt Sales Co	8605 N Merrill St. Niles 48, Ill	YO5-5497
NJ	Land-C-Air Sales Co	76 Main St. Tuckahoe, NY	WO1-4700
NY	Land-C-Air Sales Co	76 Main St. Tuckahoe	WO1-4700
Wis	De Witt Sales Co	8605 N. Merrill St. Niles 48, Ill	YO5-5497
	HOLO-KROME SCREW CORP	**Hartford 10, Conn**	**JA3-5235**
	R Medig #6 *200 E 1530		
	HOLT INSTRUMENT LABS	**Box 230, Oconto, Wis**	**163**
	R Rouzie #5 *35 195-895-1455		
Ala	Murphy & Cota	112 Gallatin St SW, Huntsville	JE6-9121
Cal	W K Geist Co	3177 Glendale Blvd. Los Angeles 39	NO5-1195
Colo	Barnhill Associates	1170 S Sheridan Blvd. Denver 26	WE5-4645
DC	Burlingame Associates	8218 Wisconsin Ave	OL4-6400
Fla	Murphy & Cota	2319 E South St. Orlando	GA4-2167
Ga	Murphy & Cota	2110 Peachtree Rd NW, Atlanta	TR6-3020
Idah	Rush S Drake Assoc. Inc	P O Box 2126, Idaho Falls	JA2-7992
Ill	Ridgway Assoc	6100 W North Ave. Chicago 39	TU9-5715
Ind	Ridgway Assoc	1224 N Capitol Ave. Indianapolis 2	ME5-2401
Mass	Burlingame Assoc	974 Main St. Waltham	TW4-1955
Mich	Ridgway Assoc	3384 W 12 Mile Rd. Berkley	
Minn	Electronics Co	9781 Western Ave. Circle Pines	SU4-3827
Mo	Leemark Assoc. Inc	P O Box 8467, Kansas City 14	NI2-3313
NY	Burlingame Associates	510 S Fulton Ave. Mt Vernon	MU4-7530
NC	Murphy & Cota	1106 Burke St. Winston-Salem	PA4-0750
Ohio	Ridgway Assoc	5915 Schaaf Rd. Cleveland	
Pa	Burlingame Associates	222 Long Ln. Upper Darby	SH7-9060
Tex	Airep Engineering Co	P O Box 9555, Dallas 14	TA4-3800
Utah	Barnhill Associates	660 E 1st N, Centerville	EL5-5101
Can	Electromechanical Products	Markham Rd. Agincourt, Ont	
For	Standard Precision Instrument	Box 12173, Pontonjargatan 38, Stockholm Swed	
	HOLTZER-CABOT DIV., NATIONAL PNEUMATIC CO., INC.	**125 Amory St, Boston 19, Mass.**	**JA4-7000**
	E Selig #25 *650 F 365-895-915-1165-1810		
Cal	Holtzer Cabot	6132 Whittner Blvd. Los Angeles 22. Cal	OU5-8280
Cal	C R Dalton Assoc	1037 Laurel Ave. San Carlos	LY1-2654
Ill	Holtzer Cabot	4900 Main St. Skokie	OR6-0960
Mich	Electro Sales Assoc	15324 Mack Ave. Detroit 24	TU6-2280
Mo	O A Baumann Co	Box 3896, Kirkwood 22	PA6-6226
NY	Holtzer Cabot	420 Lexington Ave, New York 17, NY	LE2-8532
NY	Keller Industrial Prod	70 Mt Hope Ave. Rochester 20	HA6-3255
Ohio	Electro Sales Associates	281 E. 216th St, Euclid 23, Ohio	RE2-7444
Pa	Holtzer Cabot	7046 Castor Ave, Philadelphia 11, Pa	PI2-4646
Tex	Engineering & Equipment Co	Box 13311, Fort Worth 18	AT4-5137
	HOLUB INDUSTRIES INC	**468 Elm St, Sycamore, Ill**	**SY2161**
	#1 *35 C 285-345-1715		
	HOLYOKE WIRE & CABLE CORP	**720 Main St, Holyoke, Mass**	**JE3-3961**
	G Miles #2 *210 E 185-190-375-1960		
Ariz	Calrepco	1417 Georgia St. Los Angeles 15, Cal	OR4-2071
Ariz	Calrepco	1417 Georgia St, Los Angeles 15, Cal	RI9-8485
Cal	Calrepco	1417 Georgia St. Los Angeles 15	RI9-8485
Conn	James H Sullivan	38 Stoner Dr, West Hartford, Conn	JA3-5130
Del	D G Quinlan Co	National Bank Bldg, Ambler, Pa	MI6-2395
DC	D G Quinlan Co	National Bank Bldg, Ambler, Pa	MI6-2395
Fla	Chris Small	P.O. Box 1346, Orlando, Fla	OR4-2071
Ill	Leroy Eschner	20 N. Wacker Dr, Chicago 6, Ill	CE6-1533
Ill	Tanler & Co	9027 Clayton Rd, St. Louis 24, Mo	WY3-1020
Ind	Electro Comp Sales Inc	1061 W. Grant Dr, Desplaines, Ill	DE2-4030
Iowa	Leroy Eschner	20 N. Wacker Dr, Chicago 6, Ill	CE6-1533
Ky	Electro Comp Sales Inc	1061 W. Grant Dr, Desplaines, Ill	DE2-4030
Me	James H Sullivan	38 Stoner Dr, West Hartford, Conn	JA3-5130
Md	D G Quinlan Co	National Bank Bldg, Ambler, Pa	MI6-2395
Mass	James H Sullivan	38 Stoner Dr, West Hartford, Conn	JA3-5130
Mich	Ted Hickling	2201 Seminole Dr. Okemos	ED2-6221
Minn	D A Schultz Co	801 S.E. Eighth St, Minneapolis 14, Minn	FE9-7701
Mo	Tanler & Co	9027 Clayton Rd, St. Louis 24, Mo	WY3-1020
Nev	John H Ormond	600 Sixteenth St, Oakland, Cal	TW3-3235
NH	James H Sullivan	38 Stoner Dr, West Hartford, Conn	JA3-5130
NJ	Sam Bialek	205 E. 42nd St, New York 17, NY	MU4-1927
NJ	D G Quinlan Co	National Bank Bldg, Ambler, Pa	MI6-2395
NY	Aaron Boaser	2070 Sheridan Dr, Kenmore 23, NY	DE0484
NY	Sam Bialek	205 E. 42nd St, New York 17, NY	MU4-1927
NC	D G Quinlan Co	National Bank Bldg, Ambler, Pa	MI6-2395
Ohio	Frank J Campiseno	5146 Green Acres Ct, Cincinnati 11, Ohio	HU1-2652
Pa	D G Quinlan Co	National Bank Bldg, Ambler, Pa	MI6-2395
RI	James H Sullivan	38 Stoner Dr, West Hartford, Conn	JA3-5130
Tenn	D G Quinlan Co	National Bank Bldg, Ambler, Pa	MI6-2395
Vt	James H Sullivan	38 Stoner Dr, West Hartford, Conn	JA3-5130
Va	D G Quinlan Co	National Bank Bldg, Ambler, Pa	MI6-2395
	HOMELITE DIV TEXTRON INC	**Port Chester, NY**	**WE9-3400**
	895		
	HOOVER ELECTRIC CO	**2100 S. Stoner Ave, Los Angeles 25, Cal**	
	A Pfeizer, Jr *300 20-895-1165		
	HOOVER ELECTRONICS CO	**110 W. Timonium Rd. Timonium, Md**	**CL2-4000**
	J Miller #20 *100 E 670-885-895-1425-1470		
Cal	T E Harrowby	433 Heliotrope, Corona del Mar, Cal	OR3-1173
Ore	T E Harrowby	433 Heliotrope, Corona del Mar, Cal	OR3-1173
Wash	T E Harrowby	433 Heliotrope, Corona del Mar, Cal	OR3-1173
	HORLICK CO., INC WILLIAM I	**266 Summer St, Boston 10, Mass.**	**HA6-2480**
	R Horlick #3 *14 C 365-895		
	HORTON-ANGELL CO	**27 Bicknell St, Attleboro, Mass**	**AT1-1905**
	G Docherty *100 E 1125-1135-1635-1885-1960		
Cal	Manufacturing Assoc	11924 Santa Monica Blvd. LA, Cal	GR9-8884
	HORTON & HUBBARD MFG CO	**141 Canal St, Nashua, NH**	**TU3-5556**
	180-230		
NY	Horton & Hubbard Mfg	358 Fifth Ave, New York, NY	WI7-4050
•	**HOSKINS MFG CO**	**4445 Lawton Ave, Detroit 8, Mich**	**TY5-2860**
	F Miller #15 *275 G 1085-1125-1960		
Cal	E A Wilcox Co	173 Utah Ave, South San Francisco, Cal	PL6-7380
Cal	E A Wilcox Co	6436 E. Corvette St, Los Angeles 22, Cal	RA3-6436
Conn	J W Sterenberg, E K Bell	159 Main St, Stamford, Conn	FI8-4442
Ill	R T McIntosh	2600 W Peterson Ave. Chicago 45	
Ill	G A Finucan	2600 W Peterson Ave. Chicago 45	
Minn	Wood Clemons Co	1645 Hennepin Ave, Minneapolis 3, Minn	FE9-0707
NC	W K Hile Co	P.O. Box 6165, Charlotte 7, NC	FR7-5062
Ohio	R E Tanner	2000 Lee Road Bldg, Cleveland 18, Ohio	ER1-9529
Wash	E A Wilcox Co	Arctic Bldg. Seattle 4	
	HOTWATT INC	**75 Maple St, Danvers, Mass**	**SP4-3273**
	575		
	HOULIHAN CO., T J	**2510 W. Lawrence Ave, Chicago 25, Ill**	**LO1-0580**
	320-795-880-1045		
	HOUSTON FEARLESS CORP	**9107 Wilshire Blvd. Beverly Hills, Cal**	**CR3-1290**
	J Striebel *1200 G 45-285-345-780-895-1850		
Cal	Allen Research & Development	6750 Caballero Blvd. Buena Park	MA8-5229
Cal	Horkey Moore Associates	24660 S Crenshaw Blvd. Torrance	SP5-1211
Cal	Houston Color Film Laboratory	230 W Olive Ave. Burbank	TH1-5211
Cal	Houston Photo Products	266 7th Ave. San Diego 1	BE4-3427
Cal	Nuclear Research Instruments	3024 Ashby Ave. Berkeley 5	TH1-5211
Cal	Western Surgical	653 S Burlington Ave. Los Angeles 57	HU3-4361
Cal	Westwood Div	11801 W Olympic Blvd. Los Angeles 64	BR2-4331
Conn	Unicorn, Inc	Opportunity Rd. Plymouth	AT3-5821
Mass	Federal Machine Tool	626 Dorchester Ave. S Boston 27	AN8-8380
Mass	Marchetti Associates	12 Mercer Rd. Natick	OL5-1880
Mass	Dynamic Devices Inc	11 Albion St. Wakefield	CR6-6049
NJ	Louis A Garten & Assoc	375 Passaic Ave. Caldwell	CA6-7800
•	**HOUSTON INSTRUMENT CORP**	**Box 22234w, Houston 27, Tex**	**MO7-7405**
	G More #6 *21 C 330-365-895		
Ala	James L Highsmith & Co	3733 Monroe Rd, Charlotte, NC	FR7-2546
Ariz	G S Marshall Co	#30 Pima Plaza, Scottsdale, Ariz	WH6-5521
Cal	W K Geist Co	3177 Glendale Blvd, Los Angeles 39	NO5-1195
Cal	G S Marshall Co	801 Woodside Rd, Redwood City, Cal	EM6-8214
Colo	EMF Associates	P.O. Box B, Englewood, Colo	SU9-9592
Conn	J M Lancaster Co	65 Concord St, Framingham, Mass	TR3-8893
Ga	James L Highsmith & Co	3733 Monroe Rd, Charlotte, NC	FR7-2546
Ill	Anderson Automation	16 E. View St, Lombard, Ill	
Ind	Anderson Automation	16 E. View St, Lombard, Ill	
Me	J M Lancaster Co	65 Concord St, Framingham, Mass	TR3-8893
Md	Whitcomb Associates	730 Dempdere Rd, Baltimore 10, Md	TU9-1245
Mass	J M Lancaster Co	65 Concord St, Framingham, Mass	TR3-8893
Mich	Elliott-Sarles Co	1025 E Maple Ave, Birmingham, Mich	
NH	J M Lancaster Co	65 Concord St, Framingham, Mass	TR3-8893
NC	James L Highsmith & Co	3733 Monroe Rd, Charlotte, NC	FR7-2546
Ohio	Elliott Sarles Co	23473 Concord Dr, Westlake, Ohio	ED1-8911
Okla	Servo Electronic Products Co	P.O. Box 13371, Dallas 20, Tex	FL1-4653
RI	J M Lancaster Co	65 Concord St, Framingham, Mass	TR3-8893
SC	James L Highsmith & Co	3733 Monroe Rd, Charlotte, NC	FR7-2546
Tex	Servo Electronic Products Co	P.O. Box 13371, Dallas 20, Tex	FL1-4653
Utah	EMF Associates	138 S 2nd East, Salt Lake City, Utah	
Vt	J M Lancaster Co	65 Concord St, Framingham, Mass	TR3-8893
Va	James L Highsmith & Co	3733 Monroe Rd, Charlotte, NC	FR7-2546
Wisc	Anderson Automation	16 E. View St, Lombard, Ill	

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	HOWARD INDUSTRIES	1760 State St. Racine, Wis	ME2-2731
	#7 *240 F 1165		
	HOWE INTERNATIONAL	431 Danforth, Dept E-7, Jersey City, NJ	
	700-1635		
	HOWE SCALE CO	Rutland, Vt	PR5-5541
	J Giner #10 *500 F 360-895		
Ala	Howe Scale Co	2711-30th Ave N, Birmingham	FA3-5296
Ariz	Southwestern Scale Co	1447 E 25th St. Phoenix	BR5-5413
Cal	Howe Scale Co	[illegible] Ave. Los Angeles 22	RA3-4876
Cal	Howe Scale Co	780 Tennessee St. San Francisco 7	VA4-4400
Colo	Howe Scale Co	[illegible] St. Denver 11	GE3-6469
Conn	Howe Scale Co	105 Airport Rd. Hartford 14	CH6-8576
Fla	Howe Scale Co	1729 E Adams St. Jacksonville	EL3-4702
Ga	Howe Scale Co	685 Stewart Ave SW, Atlanta 10	PL5-1616
Ill	Howe Scale Co	1741-43 W Fullerton Ave. Chicago 14	GR2-1737
Ind	Howe Scale Co	117 W Franklin St. Evansville	HA2-1361
La	Howe Scale Co	725 Clara St. New Orleans 12	JA5-5846
Md	Howe Scale Co	[illegible] Ave. Baltimore 18	TU9-5857
Mass	Howe Scale Co	1219 Hyde Park Ave. Boston 36	EM4-1718
Mich	Howe Scale Co	12940 Puritan Ave. Detroit 27	UN4-9535
Minn	Howe Scale Co	748 N 4th St. Minneapolis 1	FE9-8857
Miss	Howe Scale Co	1469 S Gallatin St. Jackson	FL2-1064
Mo	Howe Scale Co	1313-14 St Louis Ave. Kansas City 1	BA1-0437
Mont	Howe Scale Co	1415-19th St. Great Falls	GL3-2863
Neb	Howe Scale Co	[illegible] Commercial Ave. Omaha 10	PL4446
NJ	Howe Scale Co	44 N Park, East Orange	OR3-3413
NY	Howe Scale Co	36-12 47th Ave. Long Island City 1	EX2-7050
Ohio	Howe Scale Co	[illegible] W 25th St. Cleveland 13	MA1-4642
Ohio	Howe Scale Co	[illegible] Duck Creek Rd. Cincinnati 13	EL1-2400
Ore	Howe Scale Co	[illegible] SW Macadam Ave. Portland	CA3-6840
Pa	Howe Scale Co	[illegible] W Atlantic St. Philadelphia 40	BA6-1410
Pa	Howe Scale Co	610 Freeland St. Pittsburgh 12	CE1-5557
Tex	Howe Scale Co	[illegible] Houston 3	CA3-4619
Va	Howe Scale Co	[illegible] W Moore St. Richmond	EL3-5436
Wash	Howe Scale Co	611 Paulson Bldg. Spokane	WA4-2718
Wis	Howe Scale Co	1534 W Fond du Lac Ave. Milwaukee	BR2-2713
For	Howe Scale Co	36-12 47th Ave. Long Island City 1, NY	EX2-7050
•	HOWELL INSTRUMENTS INC	3479 W. Vickery Blvd. Ft. Worth 7, Tex	
	35-338-340-735-895-1330		
Cal	Howell Instruments Inc	105 N. Bradfield, Compton	NE6-8970
Kan	Howell Instruments Inc	351 S. Evergreen Ln. Wichita	PA2-3329
NY	Howell Instruments Inc	108 S. Franklin Ave. Valley Stream	LO1-9220
Ohio	Howell Instruments Inc	5605 Rice Pl. Dayton	BE3-4411
Canada	George Kelk Limited	130 Willowdale Ave, Willowdale, Ontario, Canada	
Foreign	Bryans Aeroquipment Limited	15 Willow Ln, Mitcham, Surrey, England	
•	HOYT ELECTRICAL INSTRUMENT WKS, INC. BURTON-ROGERS CO	42 Carleton St. Cambridge 42, Mass	EL4-1643
	G Morton #4 *225 E 895		
Ala	J E Joyner & Associates	Box 10821, Sta A, Atlanta, Ga	PL8-7496
Alas	Roy E Rybing	P O Box 4112, Seattle 99, Wash	AT2-4627
Ariz	H M Sherman & Assoc	1576 Gower St. Hollywood 28, Cal	HO4-0232
Ark	Antle-Smith-Delzell Sales	2721 Brookfield Ave. Dallas 35, Tex	FL7-7279
Cal	H M Sherman & Assoc	1576 Gower St. Hollywood 28	HO4-0232
Colo	James H Dolliver	1750 Oneida St. Denver, Colo	FR7-4740
Del	Frank Jones	2835 Holme Ave, Philadelphia, Pa	OR3-7718
DC	Frank Jones	2835 Holme Ave, Philadelphia, Pa	OR3-7718
Fla	J E Joyner & Assoc	P O Box 10821, Sta A, Atlanta 10, Ga	PL8-7496
Ga	J E Joyner & Associates	Box 10821, Sta A, Atlanta, Ga	PL8-7496
Idaho	James H Dolliver	1750 Oneida St, Denver, Colo	FR7-4740
Ill	F C Somers Co	17th & Main St, Kansas City, Mo	GR1-1355
Ill	P W Peterson	5513 W. Augusta Blvd, Chicago, Ill	CO1-1475
Ind	F C Valentine Inc	511 Ft. Wayne Bank Bldg, Ft. Wayne, Ind	AN9122
Iowa	F C Somers Co	17th & Main St, Kansas City, Mo	GR1-1355
Kan	F C Somers Co	17th & Main St, Kansas City, Mo	GR1-1355
Ky	F C Valentine Inc	511-12 Ft. Wayne Bank Bldg, Ft. Wayne	AN9122
La	Antle-Smith-Delzell Sales	2721 Brookfield Ave. Dallas 35, Tex	FL7-7279
Md	Frank Jones	2835 Holme Ave, Philadelphia, Pa	OR3-7718
Mich	E C Immer & Assoc	[illegible] Rd. Livonia	GA7-2430
Minn	Arlan Associates	207 E. Lake St, Minneapolis, Minn	TA4-4007
Miss	J E Joyner & Associates	Box 10821, Sta A, Atlanta, Ga	PL8-7496
Mo	F C Somers Co	17th & Main St, Kansas City, Mo	GR1-1355
Mont	James Dolliver	1750 Oneida St, Denver, Colo	FR7-4740
Neb	F C Somers Co	17th & Main St, Kansas City, Mo	GR1-1355
Nev	H M Sherman & Assoc	1576 Gower St. Hollywood 28, Cal	HO4-0232
NJ	Frank Jones	2835 Holme Ave, Philadelphia, Pa	OR3-7718
NM	James Dolliver	1750 Oneida St, Denver, Colo	FR7-4740
NY	Carlan Representatives	132 Burnet Ave. Syracuse 3	GR9-9191
NY	Peterson-Ruhrick Associates	70 Prospect Park W, Brooklyn	HY9-9425
NC	J E Joyner & Associates	P O Box 10821, Sta A, Atlanta, Ga	PL8-7496
ND	Arlan Associates	207 E. Lake St, Minneapolis, Minn	TA4-4007
Ohio	F C Valentine Inc	511 Ft Wayne Bank Bldg, Ft Wayne, Ind	AN9122
Okla	Antle-Smith-Delzell Sales	2721 Brookfield Ave. Dallas 35, Tex	FL7-7279
Ore	Roy E Rybing	P.O. Box 4112, Seattle 99, Wash	AT2-4627
Pa	Frank Jones	2835 Holme Ave, Philadelphia, Pa	OR3-7718
Pa	Jack Covert Assoc	320 Jonquil Pl. Pittsburgh 34	LE1-4471
SC	J E Joyner & Associates	P.O. Box 10821, Sta A, Atlanta, Ga	PL8-7496
SD	Arlan Associates	207 E. Lake St, Minneapolis, Minn	TA4-4007
Tenn	J E Joyner & Associates	P.O. Box 10821, Sta A, Atlanta, Ga	PL8-7496
Tex	Antle-Smith-Delzell Sales	2721 Brookfield Ave. Dallas 35	FL7-7279
Utah	J H Dolliver	1750 Oneida St, Denver, Colo	FR7-4740
Va	Frank Jones	2835 Holme Ave, Philadelphia, Pa	OR3-7718
Va	J E Joyner & Associates	P.O. Box 10821, Sta A, Atlanta, Ga	PL8-7496
Wash	Roy E Rybing	P.O. Box 4112, Seattle 99, Wash	AT2-4627
W Va	Jack Covert Assoc	320 Jonquil Pl. Pittsburgh 34, Pa	LE1-4471
Wisc	Arlan Associates	207 E. Lake St, Minneapolis, Minn	TA4-4007
	HUCK MFG CO	2480 Bellevue Ave, Detroit 7, Mich	WA3-4500
	J Callahan #28 *525 G 645-1120-1490		
Ala	J O Oldson	P.O. Box 6346, Mobile, Ala	HE8-2466
Cal	Huck Mfg Co	220 N. Daphne Ave, Los Angeles, Cal	PL7-3181
Colo	S K Henkel	2750 S. Emerson, Englewood	SU1-7284
Fla	Frank A Dobbe	P.O. Box 965, Anna Maria, Fla	9-4943
Ga	W W Hutt	4750 Westfield Dr. NE. Atlanta	BL5-0218
Hawaii	Robert E Ebert	[illegible], Honolulu 16, Hawaii	715303
Ill	[illegible]	725 Forestview, Park Ridge, Ill	HA7-0444
Kan	S Egnot, Jr	1932 S. Lexington Dr. Wichita	AM2-1454
Md	M H Kellberg	742 E. Lake Ave Baltimore 12	MU5-5423
Mass	R D McChesney	Box 376, Framingham	TR5-6321
Minn	W S Clinton	11180 Quinn Ave, S. Minneapolis 20	TU8-2976
Mo	Huck Mfg Co	2046 Belle Ave, St. Louis 36, Mo	EV8-2020
NY	L N Finch	16 Linden Blvd Great Neck	MU4-7111
NY	W J Newton	2 Linden Path, Smithtown	AN5-2555
NY	D H Swain	151 S Collingwood Ave Syracuse 6	HO3-4533
Ohio	Norm Miller	7320 Quail Hollow Rd, Cincinnati, Ohio	GA1-2545
Okla	G F Parker	126 Leonhardt Bldg Oklahoma City	CE5-5077
Pa	E F Walsh	Rt #1, Stout Rd Ambler	VI4-0310
Tenn	Sam Nicotero	195 Parkdale, Memphis 9, Tenn	EX7-3739
Tex	R B Bracheen	P.O. Box 1845, Fort Worth 1, Tex	PE2-2634
Va	William C Williams	400 Catesby Ln, Williamsburg, Va	CA9-2587
Wash	W M Freeburg	P O. Box 33, Boeing Field, Seattle 8	PA5-7066
	HUDSON AMERICAN DIV VOCALINE CO of AMERICA INC	Old Saybrook, Conn	EV8-3414
	325		
	HUDSON BAY CO DIV LABLINE INC	3070 W. Grand Ave, Chicago 22, Ill	JA2-5151
	250-445-1215-1810		
	HUDSON CUSHION CORP	444 Broad St, Shrewsbury, NJ	SH1-0162
	*17 1105		
	HUDSON LAMP CO	528 Elm St, Kearny, NJ	WY1-4834
	P Rust #4 *220 E 990		
Cal	F W Mouthrop Co	575-10th St, San Francisco 3, Cal	MA1-0722
Cal	R L Stone Co	8971 National Blvd, Los Angeles	TE0-5973
Colo	Hyde Electronics Co	288 S Lipan St, Denver, Colo	WE6-3456
Conn	Abbett & Hustis Co	P.O. Box 52, Ridgefield, Conn	ID8-3200
Ga	Paul Oxley	P.O. Box 2254, Macon, Ga	MA3-6160
Ill	Edward J Hajduk Co	3929 S Michigan Ave, Chicago, Ill	OA4-7171
Ind	Southern SalesCo	105 Lakeshore Dr, Angola, Ind	AN777
Kan	Ralph Acker	3940 S Ferree, Kansas City	SK1-5858
La	Jack Yount Co	1431 Pleasant Dr, Dallas 17, Tex	
Mass	Abbett & Hustis Co	P.O. Box 293, Needham, Mass	414-5470
Mich	Grant Shaffer Co	14241 Fenkell Ave, Detroit 27, Mich	BR3-5390
Minn	Hamilton & Bayle Association Inc	3359 Republic Ave, Minneapolis 26, Minn	WE9-7891
NY	Land-C-Air Sales Co	State Tower Bldg, Syracuse, NY	HA2-4811
ND	Hamilton & Bayle Association Inc	3359 Republic Ave, Minneapolis 26, Minn	WE9-7891
Ohio	Emerson H Alexander	545 Hemlock Point Rd, Chagrin Falls	ED8-6861
Okla	Jack Yount & Co	1431 Pleasant Dr, Dallas 17, Tex	EX1-1631
Pa	George A Shelps Co	P.O. Box 254, Glenside	KI6-1066
SD	Hamilton & Bayle Association Inc	3359 Republic Ave, Minneapolis 26, Minn	WE9-7891
Tex	Jack Yount & Co	1431 Pleasant Dr, Dallas 17, Tex	EX1-1631
Canada	Atlas Radio Corp	50 Wingold Ave, Toronto, Canada	RU1-6174
	HUDSON TOOL & DIE CO., INC.	18 Malvern St, Newark 6, NJ	MA4-1802
	*150 E 210-230-1120-1125-1575-1580		
Ariz	Lloyd E West Co	262 S. Los Robles, Pasadena, Cal	MU1-5281
Cal	John E Striker Co	Box 548, San Carlos, Cal	LY1-0736
Cal	Lloyd E West Co	262 S. Los Robles Ave, Pasadena, Cal	MU1-5281
Del	J E McLean Sales Co	320 York Dr, Waynesboro, Va	WH2-8678
Ill	Karl D Engle Co	4724 N. Sheridan Rd, Chicago, Ill	UP8-6363
Ind	Karl D Engle Co	4724 N. Sheridan Rd, Chicago, Ill	UP8-6363
Md	J E McLean Sales Co	320 York Dr, Waynesboro, Va	WH2-8678
Minn	Russell G Ragon Inc	1406 W. Idaho Ave, St. Paul, Minn	MI6-6937
NM	Lloyd E West Co	262 S. Los Robles Ave, Pasadena, Cal	MU1-5281
NC	J E McLean Sales Co	320 York Dr, Waynesboro, Va	WH2-8678
Ohio	Augy Natalino	Box 644, Stow, Ohio	OV8-3930
Ore	John E Striker Co	P O Box 548, San Carlos, Cal	LY1-0736
Pa	Augy Natalino	Box 644, Stow, Ohio	OV8-3930
SC	J E McLean Sales Co	320 York Dr, Waynesboro, Va	WH2-8678
Va	J E McLean Sales Co	320 York Dr, Waynesboro, Va	WH2-8678
Wisc	Karl D Engle Co	4724 N. Sheridan Rd, Chicago, Ill	UP8-6363
	HUDSON WIRE CO.		
	MAGNET WIRE DIV	Winsted, Conn	
	MAGNET WIRE DIV	Cassopolis, Mich.	HI5-2424
	OSSINING DIV	62 Water St. Ossining, NY	WI8-5000
	N Lajoie #6 *500 F 1960		
Cal	Hudson Wire Co	941 Charleston Rd, Palo Alto, Cal	DA1-5064
Cal	Perlmuth Electronics Assoc. Inc	5057 W Washington Blvd. Los Angeles	WE1-1041
Conn	Hudson Wire Co	495 Bunker Hill Rd, Waterbury, Conn	PL4-0806
Conn	Winsted Division	Winsted, Conn	FR9-3341
Fla	Johnson Assoc. Inc	Box 1676, Casselberry	MI4-3311
Ill	Hudson Wire Co	4000 W. North Ave, Chicago 39, Ill	HU9-4430
Ill	C A Brandelle	327 N Elmwood Ln Palatine	FL9-1894
Ind	Warner, Kesler & Assoc	Box 338, South Whitley	723-5353
Mo	Tanler & Co	3827 Clayton Rd. St Louis	WY3-1020
NJ	Hudson Wire Co	375 W. State Street Trenton 8, NJ	EX6-9297
NY	Hudson Wire Co	75 West St, New York, NY	BO9-8354
NY	Hudson Wire Co	75 Willow St, Guilderland, NY	HE8-8100
NY	Hudson Wire Co	101 Briarcliff Rd, Rochester 16, NY	NO3-1997
NY	J J Theobald, Inc	9 E Genesee St. Skaneateles	OV5-5711
Ohio	Goory Sales Co	19555 Henry Rd. Cleveland 26	ED1-1500
Tenn	Hudson Wire Co	Box 10104, Knoxville, Tenn	WO6-4762
Tex	Lawrence Sales Co	Box 13026, Dallas 20	FL2-7484
	HUENEFELD CO	2701 Spring Grove Ave, Cincinnati 25, Ohio	KI1-4510
	180-260-590		
Ala	Joseph B Babb	Birmingham, Ala	FA4-1960
Ark	Wm B Terry Organizations Inc	Kansas City, Mo	GR1-2711
Del	Wm H Martens	Bethlehem, Pa	UN7-4702
DC	Chas C Laney Agency	Richmond, Va	BR2-0059
Fla	Joseph B Babb	Birmingham, Ala	FA4-1960
Idaho	Pacific Electric Sales Co	Portland, Ore	VE1585
Ill	Aberdeen Electric Sales	Chicago, Ill	AV6-8164
Ill	Ralph Drenkhahn	St. Louis, Mo	CH1-4350
Ind	Aberdeen Electric Sales	Chicago, Ill	AV6-8164
Ind	Irvin E Fultz Co	Louisville, Ky	GL2-2996
Iowa	Aberdeen Electric Sales	Chicago, Ill	AV6-8164
Iowa	Wm B Terry Organizations Inc	Kansas City, Mo	GR1-2711
Kan	Wm B Terry Organizations Inc	Kansas City, Mo	GR1-2711
Ky	Irvin E Fultz Co	Louisville, Ky	GL2-2996
Ky	Louis J Volk Co	Cincinnati, Ohio	PA1-6666
Md	Chas C Norrish Co	Pittsburgh, Pa	AT1-8466
Mich	Popkin Brothers	Detroit, Mich	WA3-[illegible]
Minn	Russ Gerde Inc	Minneapolis, Minn	WE9-[illegible]
Mo	Ralph Drenkhahn	St. Louis, Mo	CH1-4350
Mo	Wm B Terry Organizations Inc	Kansas City, Mo	GR1-2711
Mont	Pacific Electric Sales Co	Portland, Ore	VE1585
Neb	Wm B Terry Organizations Inc	Kansas City, Mo	GR1-2711
NJ	Wm D Schofield	New York, NY	LO9-1600
NJ	Wm H Martens	Bethlehem, Pa	UN7-4702
NM	Ralph B Black	Albuquerque, NM	5-9625
NY	Herbert P Ries	Rochester, NY	CH2-4[illegible]
NY	Wm D Schofield	New York, NY	LO9-1600
NC	Jim Hash & Co	Knoxville, Tenn	8-5[illegible]
ND	Russ Gerde Inc	Minneapolis, Minn	WE9-[illegible]
Ohio	Popkin Brothers	Detroit, Mich	WA3-[illegible]
Ohio	Louis J Volk Co	Cincinnati, Ohio	PA1-6666
Okla	Wm B Terry Organizations Inc	Kansas City, Mo	GR1-2711
Ore	Pacific Electric Sales Co	Portland, Ore	VE1585
Pa	Chas C Norrish Co	Pittsburgh, Pa	AT1-8466
Pa	Wm H Martens	Bethlehem, Pa	UN7-4702
SC	Jim Hash & Co	Knoxville, Tenn	8-5[illegible]
SD	Russ Gerde Inc	Minneapolis, Minn	WE9-[illegible]
Tenn	Mathews & Browne	Nashville, Tenn	CH2-7711
Tex	Ralph B Black	Albuquerque, NM	5-9625
Va	Chas C Laney Agency	Richmond, Va	BR2-0059
Wash	Pacific Electric Sales Co	Portland, Ore	VE1585
W. Va	Popkin Brothers	Detroit, Mich	WA3-[illegible]
Wisc	Russ Gerde Inc	Minneapolis, Minn	WE9-[illegible]
	HUFCO INDUSTRIES	2015 W. Olive Ave, Burbank, Cal	VI9-2110
	M Fleming #3 *26 C 1460		
Cal	McKnight Co	1436 EL Camino Real, Menlo Park	DA6-3762
	HUGGINS LABORATORIES, INC	999 E Arques Ave. Sunnyvale, Cal	RE6-9330
	V Vorenberst #12 *180 E 1135		
Ala	E G Holmes & Associates	4969 Roswell Rd NW, Atlanta, Ga	BL5-6660
Ark	Airep Engineering Co	P O Box 9555, Dallas, Tex	TA4-3800
Cal	John Francis O'Halloran & Associates	11636 Ventura Blvd, North Hollywood, Cal	TR7-0173
Cal	J F O'Halloran & Associates	11536 Ventura Blvd. N Hollywood	TR7-0173
Colo	Elton K Kelley	336 E. 4th St, Loveland, Colo.	NO7-1376
Conn	Geist - Hotz Inc	200 5th St. Stamford	DA4-7300
Del	Geist - Hotz Inc	200 5th St. Stamford, Conn	DA4-7300
DC	Geist - Hotz Inc	200 5th St. Stamford, Conn	DA4-7300
Fla	E G Holmes & Associates	4569 Roswell Rd NE, Atlanta, Ga	BL5-6660
Ga	E G Holmes & Associates	4969 Roswell Rd NE, Atlanta	BL5-6660
Ill	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Ind	Cozzens & Cudahy, Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Kan	Gordon Forman Engineering Co	8160 Stanford Ave. St Louis, Mo	PA5-5219
Ky	Electro Sales Associates	335 E 200th St. Cleveland, Ohio	RE2-7444
La	Airep Engineering Co	P O Box 9555, Dallas, Tex	TA4-3800
Me	Geist - Hotz Inc	200 5th St. Stamfrod, Conn	DA4-7300
Md	Geist - Hotz Inc	200 5th St. Stamford, Conn	DA4-7300
Mass	Geist - Hotz Inc	200 5th St. Stamford, Conn	DA4-7300
Mich	Electro Sales Associates	15324 Mack Ave. Detroit	TU6-2280
Minn	Cozzens & Cudahy, Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Miss	E G Holmes & Associates	4969 Roswell Rd NE, Atlanta, Ga	BL5-6660
Mo	Gordon Forman Engineering Co	8160 Stanford Ave. St Louis	PA5-5219
Nev	J F O'Halloran & Associates	11636 Ventura Blvd. N Hollywood, Cal	TR7-0173
NH	Geist - Hotz Inc	200 5th St. Stamford, Conn	DA4-7300
NJ	Geist - Hotz Inc	200 5th St. Stamford, Conn	DA4-7300
NM	Elton K Kelley	336 E 4th St. Loveland, Colo	NO7-1376
NY	Geist - Hotz Inc	200 5th St. Stamford, Conn	DA4-7300
NC	E G Holmes & Associates	[illegible] St. Greensboro	BR2-0[illegible]
Ohio	Electro Sales Associates	[illegible] Sta. Box 143, Dayton	CH4-5551
Okla	Airep Engineering Co	P O Box 9555, Dallas, Tex	TA4-3800
Ore	J K Dooley Co., Inc	3215 Western Ave. Seattle, Wash	AT4-8313
Pa	Geist - Hotz Inc	200 5th St. Stamford, Conn	DA4-7300
RI	Geist - Hotz Inc	200 5th St. Stamford, Conn	DA4-7300
SC	E G Holmes & Associates	4969 Roswell Rd NE, Atlanta, Ga	BL5-6600
Tenn	E G Holmes & Associates	4969 Roswell Rd NE, Atlanta, Ga	BL5-6660
Tex	Airep Engineering Co	P O Box 9555, Dallas	TA4-3800
Utah	Elton K Kelley	336 E 4th St. Loveland, Colo	NO7-1376
Vt	Geist - Hotz Inc	200 5th St. Stamford, Conn	DA4-7300
Va	E G Holmes & Associates	4969 Roswell Rd NE, Atlanta, Ga	BL5-6600
Wash	J K Dooley Co., Inc	3215 Western Ave. Seattle	AT4-8313
Wis	Cozzens & Cudahy, Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Wyo	Elton K Kelley	336 E 4th St. Loveland, Colo	NO7-1376
Canada	Radionics Ltd	8230 Mayrand St, Montreal 9, Canada	RE9-5517
Foreign	Sassoon Sopher Inc	630 Fifth Ave, New York 20, NY	
Foreign	Radio Equipments	65 Rue de Richelieu, Paris 2E, France	
Foreign	Henley & Co	202 E. 44th St, New York 17, NY	
Foreign	Sales Reps in Principal Countries		
	HUGHES INDUSTRIAL SYSTEMS DIV	Bldg 116, Mail Sta. 25, Intl Airport Sta. L A 45, Cal	OR0-1515
	W Herron E 338-345-415-450-670-895-1135-1760		
Ala	S S Lee Associates Inc	Terry-Hutchens Bldg, Huntsville, Ala	JE6-0631
Ariz	Brooks, Feeger & Assoc	34-A E. Front St. Scottsdale	WH6-2111
Ark	Hughes Prod	5541 Yale Blvd Dallas, Texas	EM1-0375
Cal	Earl S Condon Co	3450 Wilshire Blvd, Los Angeles, Cal	DU1-3951
Cal	McCarthy Associates	1065 E. Walnut St, Pasadena, Cal	MU1-7411
Colo	Brooks, Feeger & Assoc	1041 S. Broadway, Englewood	SU1-7375
Conn	V A Snyder Co., Inc	2165 Morris Ave, Union, NJ	MU8-6100
Del	V A Snyder Co., Inc	2165 Morris Ave, Union, NJ	MU8-6100
DC	S S Lee Assoc	Box 7896 Orlando, Fla	CH1-4445
Fla	S S Lee Associates Inc	718 W. Smith Ave, Orlando, Fla	CH1-4445
Ga	S S Lee Associates Inc	Terry Hutchs Bldg, Huntsville, Ala	JE6-0631
Idah	H Levinson Co	1211 E. Denny Way, Seattle, Wash	EA35100
Ill	Hughes Products	6120 W. North Ave, Chicago, Ill	NA2-0283
Ind	Hughes Products	6120 W. North Ave, Chicago, Ill	NA2-0283
Iowa	Hughes Products	6120 W. North Ave, Chicago, Ill	NA2-0283
Kan	Hughes Products	6120 W. North Ave, Chicago, Ill	NA2-0283
Ky	B Z Rubin Co	12838 Fenkell, Detroit 27, Mich	UN44958
La	Hughes Prod	5641 Yale Blvd. Dallas, Texas	EM1-0375
Me	Cowperthwaite & Broadhead	570 Hillsdale, Needham Hgts, Mass	HI4-9410
Md	S S Lee Associates	Box 205, Lutherville, Md	VA3-3434
Md	S S Lee Associates	2521 Ennalls Ave, Wheaton, Md	LO5-3056
Mass	Cowperthwaite & Broadhead	570 Hillsdale, Needham Hgts, Mass	HI4-9410
Mich	B Z Rubin Co	12838 Fenkell, Detroit 27	UN44958

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Minn	Wood Clemons Co	1645 Hennepin Ave, Minneapolis, Minn	FE9-0707
Miss	Hughes Prod	5641 Yale Blvd. Dallas, Texas	EM10375
Mo	Hughes Products	6120 W. North Ave, Chicago, Ill	NA2-0283
Mont	H Levinson Co	1211 E. Denny Way, Seattle, Wash	EA3-5100
Neb	Wood Clemons Co	1645 Hennepin Ave, Minneapolis, Minn	FE9-0707
Nev	McCarthy Associates	1055 E. Walnut, Pasadena, Cal	MU1-7411
NH	Cowperthwaite & Broadhead	570 Hillsdale, Needham Hgts, Mass	HI4-9410
NJ	V A Snyder Co., Inc	2165 Morris Ave, Union, NJ	MU8-6100
NM	Brooks, Feeger & Assoc	5510 Domingo Rd, NE, Albuquerque	AM8-1724
NY	J D Ryerson Assoc Inc	Box 1422, Syracuse 1	GI6-1771
NC	S S Lee Associates Inc	Box 906, Winston Salem, NC	ST8-0431
ND	Wood Clemons Co	1645 Hennepin Ave, Minneapolis, Minn	FE9-0707
Ohio	B Z Rubin Co	515 E. Grant Ave. Springfield	FA2-5893
Okla	Hughes Prod	5641 Yale Blvd. Dallas, Texas	EM1-0375
Ore	H Levinson Co	1211 E. Denny Way, Seattle, Wash	EA3-5100
Pa	V A Snyder Co. Inc	2165 Morris Ave. Union NJ	MU8-6100
RI	V A Snyder Co., Inc	2165 Morris Ave, Union, NJ	MU8-6100
SC	S S Lee Associates Inc	Box 906, Winston Salem, NC	ST8-0431
SD	Wood Clemons Co	1645 Hennepin Ave, Minneapolis, Minn	FE9-0707
Tenn	Hughes Products	6120 W. North Ave, Chicago, Ill	NA2-0283
Tex	Hughes Prod Co	5641 Yale Blvd. Dallas	EM1-0375
Utah	Brooks, Feeger & Assoc	253 Rio Grande, Salt Lake City	EL9-2427
Vt	Cowperthwaite & Broadhead	570 Hillsdale, Needham Hgts, Mass	HI4-9410
Va	S S Lee Associates Inc	Box 906, Winston-Salem, NC	ST8-0431
Wash	H Levinson Co	1211 E Denny Way, Seattle	EA3-5100
W Va	Hughes Aircraft Co	1 Bala Ave. Bala-Cynwyd, Pa	MO4-3950
Wisc	Wood Clemons Co	1645 Hennepin Ave, Minneapolis, Minn	FE9-0707
Wyo	Brooks, Feeger & Assoc	5510 Domingo Rd, NE, Albuquerque, NM	AM8-1724
Foreign	Hughes Intl Div	Florence & Teale Sts, Culver City, Cal	UP0-7111

HUGHES MICROWAVE COMPONENTS DIV ... Florence & Teale, Culver City, Cal ... UP0-7111
45-250-338-360-500-520-670-775-885-895-1135-1395-1425-1735-1860-1870-1880

Ariz	Radio Specialties & Appliance Corp	917 N. 7th St, Phoenix, Ariz	AL8-6121
Cal	Kierulff Electronics Inc	820 W. Olympic Blvd, Los Angeles 15	RI7-0271
Cal	Hughes Aircraft	11101 N. Sepulveda Blvd, El Segundo, Cal	OR8-6125
Cal	Hughes Aircraft	535 Middlefield Rd, Palo Alto, Cal	DA6-7780
Cal	Hughes Aircraft	3045 Rosecrans St, San Diego 10, Cal	AC2-0404
Cal	Newark Electric Co, Inc	4747 W. Century Blvd, Inglewood, Cal	OR4-8440
Cal	Elmar Electronics Inc	140 11th St, Oakland 7, Cal	HI4-7011
Cal	Western Radio & TV Supply Co	1415 India St, San Diego, Cal	BE9-0361
Colo	Ward Terry Co	70 Rio Grande Blvd, Denver 4, Colo	AM6-3181
Conn	Radio Shack Corp	230 Crown St, New Haven, Conn	ST7-7121
Fla	East Coast Radio & TV Co	1900 N.W. Miami Ct, Miami 35, Fla	FR1-4635
Fla	Hughes Aircraft	164 E. Gore Ave, Orlando, Fla	CH1-2538
Ill	Allied Radio Corp	100 N. Western Ave, Chicago 80, Ill	HA1-6800
Ill	Newark Electric Corp	223 W. Madison St, Chicago 6, Ill	ST2-2944
Ill	Hughes Aircraft	1515 N. Harlem Ave, Oak Park, Ill	NA2-0283
Iowa	Deeco Inc	618 1st St, N.W., Cedar Rapids, Iowa	EM4-2493
Md	Kann-Ellert Electronics Inc	9 S. Howard St, Baltimore, Md	FA7-4242
Md	Kann-Ellert Electronics Inc	2414 Reedie Dr, Silver Spring, Md	LO5-5200
Md	Hughes Aircraft	8605 Cameron St, Silver Spring, Md	JU5-6140
Mass	Radio Shack Corp	730 Commonwealth Ave, Boston 17, Mass	RE4-1000
Mass	Hughes Aircraft	4 Federal St, Woburn, Mass	WE3-4824
Mich	Radio Specialties Co	456 Charlotte Ave, Detroit 1, Mich	TE3-9800
Mich	Hughes Aircraft	18440 Livernois Ave, Detroit, Mich	UN3-6700
Minn	Lew Bonn Co	1211 La Salle Ave, Minneapolis, Minn	FE9-6351
Minn	Hughes Aircraft	6121 Excelsior, Minneapolis 16, Minn	WE9-0461
NJ	Hughes Aircraft	80 Mulberry St, Newark 2, NJ	MA3-3520
NM	Radio Specialties Co., Inc	209 Pennsylvania Ave, Alamogordo, NM	HE7-0370
NY	Hughes Aircraft	224 Harrison St, Syracuse 2, NY	GR1-0163
NY	Summit Distributors Inc	916 Main St, Buffalo 2, NY	GR3100
NY	Arrow Electronics Inc	525 Jericho Tpke, Mineola, NY	PI6-8686
NY	Terminal Electronics	236 W. 17th St, New York 6, NY	CH3-5200
NY	Hudson Radio & TV Corp	48 W. 48th St, New York 19, NY	TR3-2900
NY	Morris Distributing Co., Inc	1153 W. Fayette St, Syracuse, NY	GR5-9955
Ohio	Akron Electronic Supply	107 S. Arlington, Akron 6, Ohio	PO2-8818
Ohio	Hytronics Inc	2145 Florence Ave, Cincinnati 6, Ohio	WO1-4600
Ohio	Hughes Aircraft	816 Swifton Ctr, Cincinnati 37, Ohio	EL1-5665
Pa	Radio Electric Service Co	7th & Arch Sts, Philadelphia 6, Pa	WA5-5840
Pa	Hughes Aircraft	1 Bala Ave, Bala-Cynwyd, Pa	MO4-8365
Tex	Wholesale Electronics Supply	2800 Ross Ave, Dallas 1, Tex	TA4-3001
Tex	Wolford Electronic Co	1423 Holman St, Houston 4, Tex	JA6-4369

HUGHES MICROWAVE TUBE DIV ... Bldg 124, Mail Sta 205, Box 90427, Intl Airpt Sta, Los Angeles 45, Cal ... OR0-1515
R Plummer #35 *450 F 1135

DC	Hughes Microwave Tube Div	1612 "K" St. NW, Washington 6	ST3-3282
Mass	Hughes Microwave Tube Div	4 Federal St. Woburn	WE3-4824
NJ	Hughes Microwave Tube Div	13 Lloyd Ave. W Long Branch	CA2-1111

HUGHES SEMICONDUCTOR DIV .... Box 278, Newport Beach, Cal LI8-0671
J Alexander *2500 220-500-1445-1860

Ariz	Electronic Specialties Co	917 N. 7th St. Phoenix	
Ariz	Standard Radio Parts Inc	827 Park Ave. Tucson	
Cal	Hughes Aircraft Co	535 Middlefield Rd, Palo Alto, Cal	DA6-7780
Cal	Hughes Aircraft Co	11101 Hindry, LA	OR8-6125
Cal	Hughes Aircraft Co	420 S. Euclid, Anaheim	
Cal	Kierulff Elec. Inc	820 W. Olympic Blvd. LA 15	RI7-0271
Cal	Elmar Elec. Inc	140 11th St. Oakland 7	TE4-3311
Cal	Western Radio & T V Supply	1415 India St. San Diego 1	BE9-0361
Cal	Newark Elec. Co.	4747 W. Century Blvd. Inglewood	OR4-8440
Colo	Hughes Aircraft Co	3385 S. Bannock, Denver, Colo	SU9-0549
Colo	W Terry Co	70 Rio Grande Blvd. Denver 23	AM6-3181
Conn	Radio Shack Corp	230 Crown St, New Haven, Conn	ST7-7121
DC	Hughes Aircraft Co	2020 K St, Washington, DC	FE7-6760
Fla	Hughes Aircraft Co	Box 8271, Orlando	CH1-2538
Fla	East Coast Radio of Orlando	1012 Sligh Blvd. SW. Orlando	CH1-3353
Ill	Hughes Aircraft Co	6120 W. North Ave. Chicago	NA2-0283
Ill	Newark Elec. Corp	223 W. Madison St. Chicago 6	ST2-2944
Ill	Allied Radio Corp	100 North Western Ave. Chicago 80	HA1-6800
Iowa	Deeco Inc	618 1st St, N.W., Cedar Rapids, Iowa	EM4-2493
Kan	Hughes Aircraft Co	3725 Broadway, KC 11	PL3-6400
Md	Kann - Ellert Elec. Inc	2050 Rockrose Ave. Baltimore	TU9-4242
Mass	Hughes Aircraft Co	4 Federal St, Woburn, Mass	WE3-4824
Mass	Radio Shack Corp	730 Commonwealth, Boston	RE4-1000
Mich	Hughes Semi. Div	18440 Livernois Ave. Detroit	UN3-6549
Mich	Radio Specialties Co	12775 Lyndon St. Detroit 27	BR2-4200

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Minn	L Bonn Co	1211 LaSalle Ave. Mnpls 3	FE9-6351
Minn	Hughes Aircraft Co	6121 Excelsior, Minneapolis 16, Minn	WE9-0461
NJ	Hughes Aircraft Co	80 Mulberry St, Newark 2, NJ	MA3-3520
NM	Radio Specialties Co., Inc	209 Penna Ave, Alamogordo, NM	HE7-0370
NM	Radio Specialties Co. Inc	5323 Acoma SE. Albuquerque	AM8-3901
NY	Hughes Aircraft Co	224 Harrison St, Syracuse 2, NY	GR1-0163
NY	Hughes Aircraft Co	600 Old Country Rd, Garden City, NY	PI1-4620
NY	Morris Elec. of Syra. Inc	1153 W. Fayette St. Syracuse 4	GR6-7431
NY	Arrow Elec. Inc	525 Jericho Tpk. Mineola	PI6-8686
NY	Summit Distributors Inc	916 Main St. Buffalo 2	GR3-1000
NY	Terminal - Hudson Elec	236 W. 17th St. NY 11	CH3-5200
Ohio	Hughes Aircraft Co	816 Swifton Center, Cincinnati 37, Ohio	EL1-5665
Ohio	Akron Elec. Supply	107 S. Arlington, Akron	PO2-8818
Ohio	United Radio Inc	1314 Vine St. Cinc	MA1-6530
Pa	Hughes Aircraft Co	1 Bala Ave, Bala-Cynwyd, Pa	MO4-8365
Pa	Radio Elec. Serv. Co. of Pa	701 Arch St. Phila 6	WA5-5840
Tenn	Bondurant Bros. Co	906 Sevier Ave. Knoxville 1	KN3-9144
Tex	Hughes Aircraft Semi. Div	5641 Yale Blvd. Dallas 6	EM1-1627
Tex	Wolford Electronic Co	1423 Holman St, Houston 4, Tex	JA6-4369
Tex	Wholesale Electronic Supply	2800 Ross Ave, Dallas 1, Tex	TA4-3001
Utah	Carter Supply Co	259 31st St. Ogden	EX3-8803
Wash	Almac Electronics	6301 Maynard Ave. Seattle 4	
Wash	S Strout Co	521 Michigan St. Seattle 8	

HUGHES, VACUUM TUBE PRODUCTS DIV ... 2020 Short St. Oceanside, Cal ... SA2-2101
A Fisher #40 *300 G 338-360-895-1075-1855-1880-1945

Ariz	Brooks, Feeger & Assoc	34-A E 1st St. Scottsdale	WH6-2111
Cal	Instruments for Measurements	3455 Cahuenga Blvd. Hollywood	HO9-7294
Cal	Hughes VTP Div	P O Box 90427, Los Angeles 45	SP6-1515
Cal	Instruments for Measurements	2420 University Ave. San Diego	JU3-1972
Cal	Beall Electronic Sales Co	P O Box 117, Palo Alto	DA1-8501
Cal	Loren Patrick Assoc	1107 S Fremont, Alhambra	CU3-6371
Cal	Loren Patrick Assoc	201 Town & Country Village, Palo Alto	DA1-6065
Colo	Brooks, Feeger & Assoc	3941 S Broadway, Englewood	SU1-7375
Fla	E C Raymond & Assoc	P O Box 656, Maitland	MI7-7830
Fla	E C Raymond & Assoc	P O Box 8215, St Petersburg	WA1-9735
Ill	Hughes Aircraft Co	6120 W North Ave. Chicago	NA2-0283
Ill	Jay C Angel & Co	2743 W Peterson Ave. Chicago	UP8-0653
Kan	Dunbar Mid-States Co	P O Box 848, Coffeyville	CL1-4840
Kan	Dunbar Mid-States Co	5211 Rowland, Kansas City	AT9-4565
Mass	Automation Sales Co	548 Forest St. Reckland	TR8-4192
Mich	J L Peirce Co	16666 James Couzzens Hwy. Detroit	UN2-2571
NJ	L & M Associates	11 Victor St. Saddle Brook	DI3-3070
NM	Brooks, Feeger & Assoc	5510 Domingo Rd NE, Albuquerque	AM8-1724
NY	Harvey J Krasner Assoc	31 Great Neck Rd. Great Neck	WE5-7295
NY	Jawenco, Inc	135 Buffalo Rd. Rochester	BE5-2920
NY	L & M Assoc	P O Box 51, Cattuck Sta. Yonkers	WO1-5566
Ohio	R G Sidell & Co	1228 Westlake Ave. Cleveland	AC1-1313
Ohio	Lowry-Dietrich Co	315 Marion Bldg. Cleveland	SU1-1855
Ohio	Lowry-Dietrich Co	333 W 1st St. Dayton	BA3-6042
Pa	Hughes Aircraft Co	1 Bala Ave. Bala-Cynwyd	MO4-3950
Pa	Lowry-Dietrich Co	700 Clairton Blvd. Pittsburgh	TU1-2228
Pa	L & M Assoc	460 W Chapel St. Philadelphia	GE8-5666
Pa	R G Sidell & Co	675 Princeton Blvd. Pittsburgh	CH2-1473
Tex	Hughes Aircraft Co	5641 Yale Blvd. Dallas	EM1-1035
Tex	Ecklund Electronic Sales Co	P O Box 12151, Fort Worth	PE8-9773
Utah	Brooks, Feeger & Assoc	253 Rio Grande, Salt Lake City	EL9-2427
Wash	Remco	2745 Mt St Helens, Seattle	PA3-3400

• **HUGHEY & PHILLIPS INC** ... 3200 N. San Fernando Blvd, Burbank, Cal ... VI9-1104
J Ganzenhuber #3 *20 360-685-895-1855

DC	Frank J Little Jr	2801 Quebec St, Washington 8, DC	KE7-0495
Ill	Robert L Lang & Associates	6733 N. Olmsted, Chicago 31, Ill	SP4-3610
Ind	Robert L Lang & Associates	6733 N. Olmsted, Chicago 31, Ill	SP4-3610
Iowa	Robert L Lang & Associates	6733 N. Olmsted, Chicago 31, Ill	SP4-3610
NY	Geist-Hotz Inc	200 Fifth St, Stamford, Conn	DA4-7309
Ohio	John E Epps	1519 Crescent Blvd, Dayton 9, Ohio	AX3-1281
Tex	L R Ward Co	3000-11 Canton St, Dallas 26, Tex	RI1-6004
Tex	L R Ward Co	3635 Polk Ave, Houston 3, Tex	CA5-0356
Canada	Beechey Enterprises	1167 Main St, N., Weston, Ont, Canada	CH4-0251

HULL CORP ... Davisville Rd, Hatboro, Pa ... OS5-5000
F Cranton #8 *50 D 250-360-510-585-735-1075-1215

Ala	Wells Engineering & Sales Co	5547 Peachtree Indl Blvd, Atlanta, Ga	GL7-6223
Ariz	Loren Patrick Associates	1107 S. Fremont St, Alhambra, Cal	CU3-6371
Cal	Loren Patrick Associates	1107 S. Fremont St, Alhambra, Cal	CU3-6371
Colo	Loren Patrick Associates	1107 S. Fremont St, Alhambra, Cal	CU3-6371
Fla	Wells Engineering & Sales Co	5547 Peachtree Indl Blvd, Atlanta, Ga	GL7-6223
Ga	Wells Engineering & Sales Co	5547 Peachtree Indl Blvd, Atlanta, Ga	GL7-6223
Idaho	Loren Patrick Associates	1107 S. Fremont St, Alhambra, Cal	CU3-6371
Ill	John Cook	303 Hazelwood Dr, Naperville, Ill	NA2477
Ind	John Cook	303 Hazelwood Dr, Naperville, Ill	NA2477
Iowa	John Cook	303 Hazelwood Dr, Naperville, Ill	NA2477
Kan	John Cook	303 Hazelwood Dr, Naperville, Ill	NA2477
Mich	John Cook	303 Hazelwood Dr, Naperville, Ill	NA2477
Minn	John Cook	303 Hazelwood Dr, Naperville, Ill	NA2477
Mo	John Cook	303 Hazelwood Dr, Naperville, Ill	NA2477
Mont	Loren Patrick Associates	1107 S. Fremont St, Alhambra, Cal	CU3-6371
Neb	John Cook	303 Hazelwood Dr, Naperville, Ill	NA2477
Nev	Loren Patrick Associates	1107 S. Fremont, Alhambra, Cal	CU3-6371
NC	Wells Engineering & Sales Co	5547 Peachtree Indl Blvd, Atlanta, Ga	GL7-6223
ND	John Cook	303 Hazelwood Dr, Naperville, Ill	NA2477
Ore	Loren Patrick Associates	1107 S. Fremont St, Alhambra, Cal	CU3-6371
SC	Wells Engineering & Sales Co	5547 Peachtree Indl Blvd, Atlanta, Ga	GL7-6233
SD	John Cook	303 Hazelwood Dr, Naperville, Ill	NA2477
Tenn	Wells Engineering & Sales Co	5547 Peachtree Blvd, Atlanta, Ga	GL7-6233
Utah	Loren Patrick Associates	1107 S. Fremont, Alhambra, Cal	CU3-6371
Wash	Loren Patrick Associates	1107 S. Fremont St, Alhambra, Cal	CU3-6371
Wisc	John Cook	303 Hazelwood Dr, Naperville, Ill	NA2477
Wyo	Loren Patrick Associates	1107 S. Fremont St, Alhambra, Cal	CU3-6371
Canada	Williams & Wilson	71 Front St, E., Toronto, Canada	EM3-8731
Foreign	Ballagh & Thrall	Schaff Bldg, Philadelphia, Pa	LO4-4270

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.

HUMPHREY CASTINGS INC ... 3944 Riley St, San Diego 10, Cal ... CY6173
233-790

Ariz	Martin D Hecht & Associates	5019 Cherry Lynn Rd, Phoenix, Ariz	
Cal	Don Shoemaker & Associates	1127 Westwood Blvd, Los Angeles 17, Cal	MI1304

HUMPHREY INC ... 2805 Canon St, San Diego, Cal ... AC3-1654
J Hennesch #7 *95 E 15-780-895-1330

Ala	Astro-Tec	912 Bob Wallace Ave. Huntsville	JE9-7981
Ariz	TransDynamics, Inc	4450 Lakeside Dr. Burbank, Cal	VI9-6252
Cal	Transdynamics Inc	44 Encina Ave, Palo Alto, Cal	DA6-6527
Cal	TransDynamics, Inc	4450 Lakeside Dr. Burbank	VI9-6252
Colo	TransDynamics, Inc	3385 S Bannock St. Englewood	SU9-1544
Conn	Humphrey, Inc., Eastern Div	9430 State Rd. Philadelphia 14, Pa	DE8-2300
Del	Humphrey Inc	N. Phila Airport, Philadelphia 36, Pa	OR3-2323
Del	Humphrey, Inc., Eastern Div	9430 State Rd. Philadelphia 14, Pa	DE8-2300
DC	Humphrey Inc	N. Phila Airport, Philadelphia 36, Pa	OR3-2323
DC	Humphrey, Inc., Eastern Div	9430 State Rd. Philadelphia 14, Pa	DE8-2300
Fla	Eugene C Bleich Co	711 Magnolia, Orlando	GA2-4406
Ga	Astro-Tec	912 Bob Wallace Ave. Huntsville, Ala	JE9-7981
Ill	Frank W Yarline & Co	20 N Wacker Dr. Chicago 6	ST2-0347
Idah	TransDynamics, Inc	3385 S Bannock St. Englewood, Colo	SU9-1544
Ill	OEM Sales Co	P O Box 55232, Indianapolis 5, Ind	LI5-1267
Ill	Oem Sales Co	Box 55232, Indianapolis 5, Ind	LI6-2452
Ind	OEM Sales Co	P O Box 55232, Indianapolis 5	LI5-1267
Ind	Oem Sales Co	Box 55232, Indianapolis 5, Ind	LI6-2452
Kan	W N Rider Co	6234 Peeler St. Dallas 35, Tex	FL7-2246
Me	Humphrey, Inc., Eastern Div	9430 State Rd. Philadelphia 14, Pa	DE8-2300
Md	Humphrey, Inc. Eastern Div	9430 State Rd. Philadelphia 14, Pa	DE8-2300
Mass	Humphrey, Inc., Eastern Div	9430 State Rd. Philadelphia 14, Pa	DE8-2300
Mich	Humphrey, Inc., Eastern Div	9430 State Rd. Philadelphia 14, Pa	DE8-2300
Minn	Fred Peterson Co	2431 Hennepin Ave, Minneapolis, Minn	FR7-3025
Minn	Fred Peterson Co	2431 Hennepin Ave. Minneapolis	FR7-3025
Miss	Astro-Tec	912 Bob Wallace Ave. Huntsville, Ala	JE9-7981
Mo	Oem Sales Co	Box 55232, Indianapolis 5, Ind	LI6-2452
Mont	TransDynamics, Inc	3385 S Bannock St. Englewood, Colo	SU9-1544
Neb	TransDynamics, Inc	3385 S Bannock St. Englewood, Colo	SU9-1544
Nev	TransDynamics, Inc	3385 S Bannock St. Englewood, Colo	SU9-1544
NH	Humphrey, Inc., Eastern Div	9430 State Rd. Philadelphia 14, Pa	DE8-2300
NJ	Humphrey, Inc., Eastern Div	9430 State Rd. Philadelphia 14, Pa	DE8-2300
NM	TransDynamics, Inc	3385 S Bannock St. Englewood, Colo	SU9-1544
NY	Humphrey, Inc., Eastern Div	9430 State Rd. Philadelphia 14, Pa	DE8-2300
NC	General Enterprises, Inc	P O Box 1274, Greenville, SC	CE5-0449
NC	General Enterprises Inc	Box 1274, Greenville, SC	CE5-0449
ND	TransDynamics, Inc	3385 S Bannock St. Englewood, Colo	SU9-1544
Ohio	Humphrey, Inc., Eastern Div	9430 State Rd. Philadelphia 14, Pa	DE8-2300
Okla	W N Rider Co	6234 Peeler St. Dallas 35, Tex	FL7-2246
Okla	W H Bolton Co	6234 Peeler St. Dallas 35, Tex	FL1-4296
Ore	TransDynamics, Inc	1215 Poplar Pl. Seattle 44, Wash	EA4-0366
Ore	Transdynamics Inc	1215 Poplar Pl, Seattle 44, Wash	EA4-0366
Pa	Humphrey, Inc., Eastern Div	9430 State Rd. Philadelphia 14	DE8-2300
RI	Humphrey, Inc., Eastern Div	9430 State Rd. Philadelphia 14, Pa	DE8-2300
SC	General Enterprises, Inc	P O Box 1274, Greenville	CE5-0449
SD	TransDynamics, Inc	3385 S Bannock St. Englewood, Colo	SU9-1544
Tenn	Astro-Tec	912 Bob Wallace Ave. Huntsville, Ala	JE9-7981
Tex	W N Rider Co	6234 Peeler St. Dallas 35	FL7-2246
Utah	TransDynamics, Inc	3385 S Bannock St. Englewood, Colo	SU9-1544
Vt	Humphrey, Inc., Eastern Div	9430 State Rd. Philadelphia 14, Pa	DE8-2300
Va	Humphrey, Inc., Eastern Div	9430 State Rd. Philadelphia 14, Pa	DE8-2300
Wash	TransDynamics, Inc	1215 Poplar Pl. Seattle 44	EA4-0366
Wash	Transdynamics Inc	1215 Poplar Pl, Seattle 44, Wash	EA4-0366
Wis	Fred Peterson Co	2431 Hennepin Ave. Minneapolis, Minn	FR7-3025
Wisc	Fred Peterson Co	2431 Hennepin Ave, Minneapolis, Minn	FR7-3025
Wis	F W Yarline & Co	20 N Wacker Dr. Chicago 6, Ill	ST2-0347
Wisc	Frank W Yarline & Co	20 N. Wacker Dr, Chicago 6, Ill	ST2-0347
Wyo	TransDynamics, Inc	3385 S Bannock St. Englewood, Colo	SU9-1544
Can	Railway & Power Engr Corp., Ltd	130 Yorkville Bldg, Quebec 4	LA4-0857
Can	Railway & Power Engr Corp., Ltd	197 Eastern Ave. Toronto 2, Ont	EM6-9391
Foreign	Industrial Imports Ltd	Central P O 1271, Tokyo, Japan	

• **HUNT CO., PHILIP A** ... Palisades Park, NJ ... WI4-4000
J Beaniwell 265

Cal	Philip A Hunt Co	2252 E. 37th St, Los Angeles 58, Cal	LU2-8136
Cal	Philip A Hunt Co	433 Market St, San Francisco 11, Cal	YU6-4761
DC	Philip A Hunt Co	734 - 15th St, N.W., Washington 5, DC	EX3-3872
Ga	P A Hunt Co	1734 Candler Bldg, Atlanta	MU8-4544
Ill	Philip A Hunt Co	2156 W. Fullerton Ave, Chicago 47, Ill	HU6-8500
Mass	Philip A Hunt Co	111 Bowen St, Cambridge 42, Mass	TR6-7050
Mich	P A Hunt Co	3690 Dune Rd, Detroit 11	WA5-5130
NY	Philip A Hunt Co	47-20 30th St, Long Island City 1, NY	EM1-9900
Ohio	Philip A Hunt Co	5150 Grant Ave, Cleveland 25, Ohio	DI1-9132
Pa	P A Hunt Co	401 N. Broad St. Phila	MA7-3212
Tex	Philip A Hunt Co	2nd Unit Santa Fe Bldg, Dallas 2, Tex	RI8-2279
Wash	P A Hunt Co	1000 4th Ave. S. Seattle 4	MA4-6610
For	P A Hunt Co	47-20 30th St. LIC, NY	EM1-9900

• **HUNT CORP., THE** ... 453 Lincoln St, Carlisle, Pa ... CH9-2232
R Koons #4 *160 B 410-415-1215

Cal	Autodyne Eng. Co	508 Cowper St. Palo Alto	DA1-0776
Cal	The Palitron Corp	P.O.Box 367, Pacific Palisades, Cal	GL4-3776
DC	T A Perrott Eng	3305 N. Pershing Dr, Arlington, Va	JA8-5861
Fla	Chris Small Co	P.O.Box 1346, Orlando, Fla	OR4-2071
Ga	S Little Co	Box 356, E. Point	PO1-5353
Ill	W F Swisher & Co	541 Diversey Pkwy, Chicago 14, Ill	BI8-4343
NY	Royce Richens	290 Orient Way, Rutherford, NJ	WE3-1895
NY	I A Nitze Co., Inc	112 DeWitt St, Syracuse 3, NY	GR9-7387
Ohio	Midwest Sales Co	3219 W. 117th St, Cleveland 11, Ohio	WI1-2700
Tex	Scott Technical Sales	Box 35324, Dallas 35	FL2-7690
For	Transeuro Inc	67-11 Main St. Flushing 67, NY	BO3-9105

HUNTER MFG CO ... Box 153, Coralville Br, Iowa City, Iowa ... 83161
895-1810

HUNTER TOOL CO ... 9851 Alburtis, Santa Fe Springs, Cal ... OX2-7231
R Hunter Jr #3 *40 D 895-1715-1780-1825

Ala	Morris F Taylor Co	6431 Georgia Ave, Silver Spring, Md	JU9-4302
Ariz	George Metcalf Co	220 E. 20th Ave, Denver, Colo	AC3-2962
Ark	Mid-West Sales	P.O. Box 35113, Dallas, Tex	BL3-7006
Cal	R N Hunter Sales Co., Inc	9851 Alburtis Ave, Santa Fe Springs	OX2-7231

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Colo	Koether-Cox Co	1325 S. Inca St, Denver 23	PE3-5561
Conn	J Stawicki	Box 128, Essex	SO7-3566
Del	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
DC	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Fla	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Ga	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Haw	G Piety	Box 2973, Honolulu 2	
Idaho	Blaine Dabney	P.O. Box 240, Dayton, Ore	DA6X13
Ill	E Severson	11435 Circle Dr, La Grange	
Ind	B F Hamper	4320 Dodge Ave, Ft. Wayne 3	
Iowa	N Kathrinus	4356 Duncan, St. Louis 10, Mo	OL2-7005
Kan	N Kathrinus	4356 Duncan, St. Louis 10, Mo	OL2-7005
Ky	B F Hamper	4320 Dodge Ave, Ft. Wayne 3, Ind	
La	Mac Rae-Smith Sales	P.O. Box 35113, Dallas, Tex	BL3-2006
Me	J Stawicki	Box 128, Essex, Conn	SO7-3566
Md	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Mass	J Stawicki	Box 128, Essex, Conn	SO7-3566
Mich	Henschen-Jensen & Co	2842 W. Grand, Detroit 2	
Minn	C R Swanson	2935 Brighton Ave, Mpls 18	ST9-9536
Miss	Leroy Massey	304 E. Jefferson, Greenwood, Miss	
Mo	N Kathrinus	4356 Duncan Ave, St. Louis	OL2-7005
Mo	Norman Kathrinus	4356 Duncan Ave, St. Louis 10, Mo	
Mont	George Metcalf & Co	232 E. 20th Ave, Denver, Colo	AC2-2062
Neb	Norman Kathrinus	4356 Duncan Ave, St. Louis 10, Mo	
NH	J Stawicki	Box 128, Essex, Conn	SO7-8566
NJ	Irv Morse	2351 E. 65th St, Brooklyn, NY	CO7-2913
NJ	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
NM	Koether-Cox Co	1325 S. Inca St. Denver 23, Colo	PE3-5561
NY	Fish Associates	1922 Oneida St, Utica 1, NY	2-1008
NY	Irv Morse	2351 E. 65th St, Brooklyn, NY	CO7-2913
NC	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Ohio	Tom Shelby	319 S. Franklin, New Bremen, Ohio	
Okla	Mac Rae-Smith Sales	P.O. Box 35113, Dallas, Tex	BL3-2006
Ore	Blaine Dabney	P.O. Box 240, Dayton, Ore	DA6X13
Pa	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
RI	J Stawicki	Box 128, Essex, Conn	SO7-8566
SC	Morris F Taylor	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Tenn	Morris F Taylor	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Tex	Mac Rae-Smith Sales	P.O. Box 35113, Dallas Tex	BL3-2006
Utah	George Metcalf & Co	232 E. 20th, Denver, Colo	AC2-2062
Vt	J Stawicki	Box 128, Essex, Conn	SO7-8566
Va	Morris F Taylor	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Wash	Blaine Dabney	P.O. Box 240, Dayton, Ore	DA6X13
W. Va	Morris F Taylor	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Wis	E Severson	11435 Circle Dr, La Grange, Ill	
Wyo	Koether-Cox Co	1325 S. Inca St. Denver 23, Colo	PU3-5561
Canada	Len Finkler Ltd	1794 Avenue Rd, Toronto 12, Canada	RU1-5232
	HUPPERT CO., K H	**6830-40 S Cottage Grove Ave. Chicago 37, Ill**	**MI3-4770**
	M Patterson #3 *40 D 250-735-1215-1330-1795		
Ala	Consolidated Engineering Co	305 Somour Rd, Birmingham, Ala	
Ariz	Industrial Tool & Supply Co	120 S. Euclid Ave, Tucson, Ariz	
Cal	Pacific Combustion Engineering Co	5072 E. Valley Blvd, Los Angeles, Cal	
Cal	C B Babcock Co	1485 Bayshore Blvd, San Francisco, Cal	
Colo	T C Jarrett Co	P O Box 7697, Denver	
Conn	New England Oven & Furnace	Boston Post Rd, Orange, Conn	
DC	Harco Equipment Co	2406 - 9th St, N.W., Washington, DC	
Fla	General Equipment & Supply Co	547 N.W. 5th St, Miami, Fla	
Ga	Consolidated Engineering Co	1372 Peachtree Rd, Atlanta	
Ind	Earl Dresbach	7802 N College Ave, Indianapolis	
Iowa	Carl Grimes & Co	1000 - 9th St, Des Moines, Iowa	
Ky	Hays Supply Co	2603 Broadway, Paducah, Ky	
La	Richards Machinery & Supply Co	P.O. Box 1482, Shreveport, La	
Md	Carey Machinery & Supply Co	3501 Brehms Ln, Baltimore, Md	
Mass	Leo C Pelkus & Co	683 Atlantic Ave, Boston, Mass	
Mich	Walter Hinz	13150 Harper St, Detroit, Mich	
Minn	Kemp Manning Sales Co	2295 University Ave, St. Paul, Minn	
Mo	Ehlfeldt Machinery & Supply Co	1209 McGee St, Kansas City, Mo	
Neb	Fuchs Machinery & Supply Co	Jackson at 15th St, Omaha, Neb	
NJ	Schultz & Anderson Co	309 Edison Pl, Newark, NJ	
NM	Albuquerque Machine & Supply Co	601 N. 1st St, Albuquerque, NM	
NY	Larry Lewis	1202 Ave. I, Brooklyn, NY	
NY	Claude A Gates Co	27 Locust St, New Rochelle, NY	
NC	Tidewater Supply Co., Inc	35 Roberts St, Asheville, NC	
Ohio	Clarke H Joy Co	27005 Knickerbocker Rd, Bay Village, Ohio	
Ohio	Instrument Service Engineering Lab	1305 Lamar St, Dayton, Ohio	
Okla	Machine Tool & Supply Co	215 E. 1st St, Tulsa, Okla	
Ore	Western Industrial Supply Co	208 S.E. Hawthorne, Portland, Ore	
Pa	William Lightfoot & Sons	Skippack Pike, Ambler, Pa	
RI	Cassiene Machinery Co	130 Richmond St, Providence, RI	
SC	Tidewater Supply Co	607 Gervais St, Columbia, SC	
Tenn	Tidewater Supply Co	1506 Island Home Ave, Knoxville, Tenn	
Tex	Weisendorff-Nelms & Co	320 Franklin Ave, Houston, Tex	
Utah	The Mine & Smelter Supply Co	121 W. 2nd S., Salt Lake City, Utah	
Va	Blue Ridge Hardware & Supply Co	Bassett, Va	
W. Va	Bluefield Hardware Co	Bluefield, W. Va	
Wisc	Louis A Lange Service	641 Hawthorne Ave, S. Milwaukee, Wisc	
Can	Williams & Wilson, Ltd	544 Inspector St, Montreal, Que	
Canada	Canadian Fairbanks-Morse Co	980 St. Antoine St, Montreal, Quebec, Canada	
Foreign	Argostal S A	Apartado Postal 2511, Mexico, D.F.	
	HURLETRON INC. ELEC. EYE EQUIP. DIV	**1938 E. Fairchild, Danville, Ill**	**HI6-6500**
	W Bishop #20 *160 E 360-895-1340		
Cal	E Richter	2116 Belleville Way, Sunnyvale, Pa	CH5-0580
Conn	A J Magro	Quaker Hill, New London	GI3-8165
Pa	C J Huffer	North Wales	OX9-9685
	HURON INDUSTRIES	**P. O. Box 104, Port Huron, Mich**	**YU4-4213**
	E Kreutziger A 760-890-1070-1240		
	HURST MFG. CORP	**Princeton, Ind**	**FU5-2564**
	L Hurst #5 *60 D 1165		
Ala	Bulhan Inc	4924 Oleander Dr, Wilmington, NC	RO5749
Alaska	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA1818
Ark	John B Guenther	4533 N. Central Expwy, Dallas 25, Tex	
Cal	R S Hopkins	13316 Ventura Blvd, Sherman Oaks	ST8-5921

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Colo	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3431
Conn	Glenn M Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0380
Del	William Drew & Co	104 Essex Ave, Narberth, Pa	MO4-8331
DC	Potomac Electronics Inc	1025 N. Royal St, Alexandria, Va	TE6-8561
Fla	Bulhan Inc	4924 Oleander Dr, Wilmington, NC	RO5749
Ga	Bulhan Inc	4924 Oleander Dr, Wilmington, NC	RO5749
Hawaii	Dougherty Enterprises	149 Kaimi St, Kailua, Hawaii	
Idaho	Peyser & Co	1501 N. Weber St, Colorado Spr, Colo	ME4-3431
Ill	Bisehaus-Bulhan Sales Inc	7185 W. Armitage Ave, Chicago 35, Ill	TU9-5011
Ill	Joseph Giordano	617 Gerald Ave, St. Louis 21, Mo	JA1-8725
Ind	R O Whitesell & Associates	6620 E. Washington, Indianapolis, Ind	FL9-5374
Iowa	Bisehaus-Bulhan Sales Inc	7185 W. Armitage Ave, Chicago 35, Ill	TU9-5011
Ky	R O Whitesell & Associates	6620 E. Washington, Indianapolis, Ind	FL9-5374
La	John B Guenther	4533 N. Central Expwy, Dallas 25, Tex	LA8-6286
Me	Glenn M Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0380
Md	Potomac Electronics Inc	1025 N. Royal St, Alexandria, Va	TE6-8561
Mass	Glenn M Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0380
Mich	Hilltronics Inc	13720 Puritan Ave, Detroit 27	BR2-4320
Miss	Bulhan Inc	4924 Oleander Dr, Wilmington, NC	RO5749
Mo	Joseph Giordano	617 Gerald Ave, St. Louis 21, Mo	JA1-8725
Mont	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA1818
Mont	Peyser & Co	1501 N. Weber St, Colorado Spr, Colo	ME4-3431
NH	Glenn M Hathaway Electronics	238 Main St, Cambridge 42, Mass	KI7-0380
NJ	S Wempe Associates	510 W. Boston Post Rd, Mamaroneck, NY	OW8-7100
NJ	William R Drew & Co	104 Essex Ave, Narberth, Pa	MO4-8331
NM	Peyser & Co	1501 N. Weber St, Colorado Spr, Colo	ME4-3431
NY	S Wempe Associates	510 W. Boston Post Rd, Mamaroneck, NY	OW8-7100
NY	Carlie Electric Corp	3044 Broadway, Albany, NY	HO2-5164
NY	M L Spitzer Co	P.O. Box 2124, Buffalo 23, NY	DE6163
NY	C L Martin Sales Corp	103 Fishwick Rd, Dewitt, NY	
NC	Bulhan Inc	4924 Oleander Dr, Wilmington, NC	RO5749
Ohio	Components Eng. Co	7461 N. Linden Ln, Cleve 30	VI2-2737
Ohio	R O Whitesell & Associates	6620 E. Washington, Indianapolis, Ind	FL9-5374
Okla	John W Elder Co	P.O. Box 3395, Tulsa 8, Okla	DI3-9149
Ore	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA1818
Pa	Components Eng. Co	7461 N. Linden Ln, Cleve 30, Ohio	VI2-2737
Pa	William Drew & Co	104 Essex Ave, Narberth, Pa	MO4-8331
RI	Glenn M Hathaway Electronics	238 Main St, Cambridge 42, Mass	KI7-0380
SC	Bulhan Inc	4924 Oleander Dr, Wilmington, NC	RO5749
Tenn	Bulhan Inc	4924 Oleander Dr, Wilmington, NC	
Tex	John B Guenther	4533 N. Central Expwy, Dallas 25, Tex	LA8-6286
Utah	Peyser & Co	1501 N. Weber St, Colorado Spr, Colo	ME4-3431
Vt	Glenn M Hathaway Electronics	238 Main St, Cambridge 42, Mass	KI7-0380
Va	Potomac Electronics Inc	1025 N. Royal St, Alexandria, Va	TE6-8561
Wash	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA1818
W Va	Components Eng. Co	7461 N. Linden Ln, Cleve 30, Ohio	VI2-2737
Wisc	Bisehaus-Bulhan Sales Inc	7185 W. Armitage Ave, Chicago 35, Ill	TU9-5011
Wyo	Peyser & Co	1501 N. Weber St, Colorado Spr, Colo	ME4-3431
Can	C L Thompson Ltd	3115 Lonsdale Ave, N. Vancouver, BC	YU7-9388
Can	Lake Eng. Co. Ltd	123 Manville Rd, Scarborough, Ont	PL7-3253
	HUYCK SYSTEMS CO	**360 Wolf Hill Rd. Huntington Sta. NY**	**HA7-7500**
	H Torti #35 *350 E 20-35-330-635-895-1165-1245-1630		
	HYDRA-ELECTRIC INC	**3151 Kenwood St. Burbank, Cal**	**VI9-4681**
	P Kovelson #6 *85 E 895-1735		
Colo	Thorson Co., The	3600 S. Lincoln St. Englewood	SU9-1841
Ga	A C Craft & Assoc	Box 11716, Atlanta	CE3-9944
Kan	M L Garrison Co	820 S. Lightner Dr, Wichita	MU2-1312
Mich	H H Barnum Co	Box 2103, Livonia	KE1-7504
NY	J A Kemeth Co. Inc	9 Smith St. Glen Head	OR6-1355
Tex	Phil D'Ambrosio	3871 Durhaven Rd, Dallas	FL2-6963
Wash	W J McNabb Co	Box 566, Bellevue	GL4-0577
•	**HYDRO-AIRE CO., DIV CRANE CO**	**3000 Winona Ave. Burbank, Cal**	**VI9-1331**
	M McGuire *513 G 330-365-915-1165-1460		
DC	Robert Pilmer	1701 Vermont Ave NW, Washington	NA8-3373
Ga	William Hawkins	815 Bever Ln, Marietta	
Ga	William Hawkins	819 Bever Ln, Marietta, Ga	7-3373
Ind	Jack Pruitt	2305 N. 42 St, Indianapolis, Ind	WA4-4193
Kan	William Senven	256 N. Roosevelt, Wichita, Kan	MU4-2983
Mo	Robert Brown	8636 Gannon Ave, St Louis 32	
NJ	William Brady	140 Young St, S. Plainfield, NJ	PL6-5124
Tex	Richard White	3611 Duchess Trail, Dallas 29, Tex	FL7-3706
Wash	Harold Maine	Box 58, Mercer Island, Wash	MA4-4840
	HYDRO MOLDING CO., INC	**Plattsburgh, NY**	**JO1-5320**
	S Levites #3 *135 E 120-1290		
Ky	Hydro Plastics Inc	Georgetown, Ky	GE580
	HYSOL CORP	**322 Houghton Ave. Olean, NY**	**FR2-6300**
	J12 *97 E 30-265-315-900-1290		
Ariz	Granat & Co	444 W. Camelback Rd, Phoenix, Ariz	CR9-1231
Ark	Design & Sales Engrg Co	7601 Forsyth Blvd. St Louis 5, Miss	PA1-6403
Cal	Advance Carbon & Electric Mfg Co	2505 Mariposa St. San Francisco 10	HE1-4034
Cal	Hysol of California	1706 Potrero, S. El Monte, Cal	CU3-8461
Colo	D & O Engg Co., Inc	211 N Mpls, Wichita, Kan	AM2-3052
Conn	Joseph D Peters	Birch Dr, Easton, Conn	ED9-6643
Del	Hamlin & Morrison	129 S. Second St, Philadelphia, Pa	WA5-3511
Del	Specialty Electrical Sales Co	4119 Hayward Ave, Baltimore 15, Md	LI2-4477
DC	Specialty Electrical Sales Co	4119 Hayward Ave, Baltimore 15, Md	LI2-4477
DC	Hamlin & Morrison	129 S. Second St, Philadelphia, Pa	WA5-3511
Fla	Johnson Associates of Florida	P.O. Box 7676, Casselberry, Fla	MI4-3311
Ga	Manufacturers Sales Co	P O Box 147, Greensboro, NC	BR4-1401
Idaho	T R Van Wagoner Co	1415 S Main St, Salt Lake City, Utah	HU6-7251
Ill	Design & Sales Engrg Co	2707 41st St Pl, Des Moines, Iowa	BL5-4584
Ill	Mid-Co Products Co	221 Lake St. Oak Park	ES9-4466
Ill	Harry Halinton	6400 N. Leoti Ave, Chicago 46, Ill	RO3-2131
Ind	Ray W Pratt Co	230 E 9th St, Indianapolis 4	ME2-9884
Ind	Thomas & Sukup, Inc	2060 E 54th St, Indianapolis 20	CL1-4574
Iowa	Design & Sales Engrg Co	2707 41st St. Des Moines	BL5-4584
Iowa	Service Tool & Engrg Co., Inc	521 S 7th St. Minneapolis 15, Minn	FE9-8611
Kan	D & O Engrg Co., Inc	211 N Mpls, Wichita	AM2-3052
Ky	Ray W Pratt Co	230 E 9th St, Indianapolis 4, Ind	ME2-9884
Ky	Servisales Co	12417 Cedar Rd, Cleveland 6, Ohio	ER1-0054
Ky	Thomas & Sukup, Inc	2060 E 54th St, Indianapolis 20, Ind	CL1-4574
La	Scott Technical Sales	P O Box 30324, Dallas 30, Tex	FL2-7698
Me	James W O'Connell	Maple Ave, Atkinson, NH	DA9-6622

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Md	Specialty Electrical Sales Co	4119 Hayward Ave, Baltimore 15	LI2-4477
Mass	James W O'Connell	Maple Ave, Atkinson, NH	DA9-6622
Mich	F B Wright Co	9999 Mercier St, Dearborn, Mich	VI3-4250
Mich	Hysol Corp	19334 W 7-Mile Rd, Detroit 19	KE2-5544
Minn	Industra Co	6504 Walker St, Minneapolis 26, Minn	WE9-6224
Minn	Service Tool & Engrg Co., Inc	521 S 7th St. Minneapolis 15	FE9-8611
Mo	D & O Engineering Co., Inc	211 N Mpls, Wichita, Kan	AM2-3052
Mo	Design & Sales Eng Co	7601 Forsyth Blvd, St Louis 5	PA1-6403
Mont	Fiberglass & Chemical Services Inc	1220 W. Nickerson St, Seattle 99, Wash	AT3-1395
Neb	Design & Sales Engrg Co	7601 Forsyth Blvd, St Louis 5, Mo	PA1-6403
Nev	Advance Carbon & Electric Mfg Co	2505 Mariposa St, San Francisco 10, Cal	HE1-4034
NH	James W O'Connell	Maple Ave, Atkinson, NH	DA9-6622
NJ	Mercer Industrial Sales Co	206 Center, Princeton	WA1-2002
NM	Hysol of California	1706 Potrero, S. El Monte, Cal	CU3-8461
NY	Donald F Wolcott	4004 St. Paul Blvd, Rochester 17, NY	FI2-3120
NY	W M Pursell Co	206 Center, Princeton, NJ	WA1-2000
NC	Manufacturers Sales Co	P O Box 147, Greensboro	BR4-1401
Ohio	Servi-Supply, Inc	12417 Cedar Rd, Cleveland 6	ER1-0054
Okla	D & O Engineering Co., Inc	211 N Mpls, Wichita, Kan	AM2-3052
Ore	Fiberglass & Chemical Services Inc	1220 W. Nickerson, Seattle 99, Wash	AT3-1395
Pa	Mercer Industrial Sales Co	206 Center, Princeton, NJ	WA1-2002
Pa	Pattern & Wood Shop Supply Co	3109 Forbes St, Pittsburgh 13	MA1-1022
RI	James W O'Connell	Maple Ave, Atkinson, NH	DA9-6622
SC	Manufacturers Sales Co	P O Box 147, Greensboro, NC	BR4-1401
Tenn	Manufacturers Sales Co	P O Box 147, Greensboro, NC	BR4-1401
Tex	Lazzara Supply Co	112 Meyerland Plaza, Houston 35	MA3-6931
Tex	Scott Technical Sales	P O Box 30324, Dallas 30	FL2-7698
Utah	T R van Wagoner Co	1415 S Main St, Salt Lake City	HU6-7251
Vt	James W O'Connell	Maple Ave, Atkinson, NH	DA9-6622
Va	Hamlin & Morrison	129 S 2nd St, Philadelphia 6, Pa	WA5-3511
Va	Specialty Electrical Sales Co	4119 Hayward Ave, Baltimore 15, Md	LI2-4477
Wash	Fiberglass & Chem Services Inc	1220 W. Nickerson, Seattle 99	AT3-1395
W Va	Pattern & Wood Shop Supply Co	3109 Forbes St, Pittsburgh 13, Pa	MA1-1022
Wis	Service Tool & Engrg Co., Inc	521 S 7th St. Minneapolis 15, Minn	FE9-8611
Wis	Mid-Co Products Co	221 Lake St. Oak Park, Ill	ES9-4466
Wis	Industra Co., The	5604 Walker St. Minneapolis 26, Minn	WE9-6224
Wisc	Harry Halinton	6400 N. Leoti Ave, Chicago, Ill	RO3-2131
Wyo	T R Van Wagoner Co	1415 S Main St. Salt Lake City, Utah	HU6-7251
Can	Hysol (Canada) Ltd	Box 53, Sta R, Toronto 17, Ont	HO1-0709
	IBM FEDERAL SYSTEMS DIV	**1120 Conn. Ave. Wash. 6, DC**	**FE3-6700**
	T Horton #3100 *12000 G 330-340-430-475-895-1145-1435		
	I D E A INC	**7900 Pendleton Pike, Indpls 26, Ind**	**LI7-3581**
	A Elles #8 *125 E 40-325-365-670-895-1425-1845-1895		
Ala	Murphy & Cota	Lane Plaza, Huntsville, Ala	
Ariz	Sheffler-Kahn	240 S. 1st Ave, Phoenix, Ariz	AL8-7893
Cal	J W Marsh Co	1298 Fitzgerald Ave, San Francisco, Cal	VA4-5714
Cal	King-Mann Co	13273 Ventura Blvd, Woodland Hills, Cal	ST8-5450
Cal	W J Barron Co	1406 S. Grand, Los Angeles, Cal	RI8-6191
Colo	Koether-Cox Co	1325 S. Inca St, Denver, Colo	PE3-5561
Colo	Stan Clothier	75 S. Cody St, Denver, Colo	BE3-6025
Conn	Arthur E Akeroyd Co	Fairfield, Conn	ED3-6252
Fla	Murphy & Cota	1220 Edgewater Dr, Orlando, Fla	GA4-2167
Ga	Murphy & Cota	2130 Peachtree Rd, Atlanta, Ga	TR6-2020
Hawaii	Hastie Co	Honolulu, Hawaii	
Ill	Jack West	6747 N. Octavia, Chicago, Ill	RO3-3501
Ind	Kirsh Sales Co.	107 Wabash, LaFontaine, Ind	YU1-2801
Md	Tessco Inc	19 W. Pennsylvania, Towson 4, Md	VA5-3431
Mich	Flora Bros	Terr at Ridgewood, Plymouth, Mich	GL3-4298
Minn	Nick J Laub Co	3749 N. Broadway, Minneapolis, Minn	JU8-4663
Mo	Fay Sales Co	3500 Grand Ave, Kansas City, Mo	BA1-3800
NJ	Jules J Bressler	4808 Bergenline Ave, Union City, NJ	UN4-9577
Ohio	F A Dougherty Co	6025 Mayfield Rd, Cleveland, Ohio	HI5-1122
Pa	F A Dougherty Co	36 Pilgrim Rd, Carnegie, Pa	BR9-3895
Pa	Wilfred Graham Associates	610 Latham Dr, Wynnewood, Pa	MI9-3127
Tex	Heidenreich Co	6115 Denton Dr, Dallas, Tex	FL2-3389
	I E MANUFACTURING	**3041 Carroll, Chicago 12, Ill**	**SA2-6900**
	45-125-340-175-180-260-490-645-675-750-790-865-900-905-920-1065-1120-1170-1185-1245-1295-1495-1580-1700-1705-1805-1940-1960-1970		
	IERC DIV. INTL. ELECTRONIC RESEARCH CORP	**135 W. Magnolia Blvd. Burbank, Cal**	**VI9-2481**
	W England #5 *173 E 205-370-1580-1630-1875		
Fla	William H Jones Co	711 Magnolia Ave, Orlando, Fla	GA4-6758
Ga	William W Jones Co	1437 Hemsworth Dr, S.W., Atlanta, Ga	PL5-5318
Ill	Magnuson Associates	3347 W. Irving Park Rd, Chicago 18, Ill	KE9-7505
Md	William M Jones Co	1107 Echo Ct, N., Towson, Md	VA3-2434
Mass	Hathaway Electronics Inc	238 Main St, Cambridge, Mass	KI7-0380
Mo	Thomson Engineering Service	8230 Forsyth Blvd, St. Louis, Mo	
NY	B B Taylor Corp	2270 Grand Ave, Baldwin, NY	BA3-8000
NY	Reed-Tollefson Corp	2815 Monroe Ave, Rochester, NY	HI5-0450
Ohio	John B Anderson Co	205 W. 5th Ave, Columbus, Ohio	AX9-9523
Pa	John B Anderson Co	P.O. Box 4907, Pittsburgh, Pa	SP1-3399
Tex	Thomson Engineering Service	2520 Oak Lawn, Dallas, Tex	LA6-6741
Wash	N R Schultz Co	4227 Airport Way, Seattle 8	MA4-8650
Canada	R-O-R Associates Ltd	1470 Don Mills Rd, Don Mills, Ont, Canada	HI4-4479
Foreign	Bo Palmblad Aktiebolag	Hamngatan 58, Stockholm, Sweden	
	I N MANUFACTURING CO	**121 Greene St, New York 12, NY**	**OR7-1881**
	B Braun 320-345-385-790-1125-1630-1675-1785-1855		
	I-L-S INSTRUMENT DIV., MERIAM INSTRUMENT CO	**4525 W. 160th St, Cleveland 35, Ohio**	
	330-360-895-1075-1340-1455-1810-1860		
	IMC MAGNETICS CORP., ARIZONA DIV	**917 W Madison St. Phoenix, Ariz**	**AL4-7294**
	E Reymon 670-1735-1920		
Cal	John C Nilson	3520 Alameda, Menlo Park	DA2-7249
Cal	I M C Magnetics Corp	6058 Walker Ave. Maywood	LU7-5221
Cal	Ramos Engineering Co. Inc	3045 Roosevelt St. San Diego	AC2-0497
Minn	D A Schultz Co	801 SE 8th St. Mpls	FE9-7701
NJ	Michael W Stollmack	177 Kinder Kamack Rd. Emerson	CO1-2313
NY	Michael W Stollmack	177 Kinder Kamack Rd. Emerson, NJ	CO1-2313
Tex	Sam Palmer	3605 Rogers Ave, Fort Worth	WA7-2385
Wis	D A Schultz Co	801 SE 8th St. Mpls, Minn	FE9-7701

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	IMC MAGNETICS CORP. EASTERN DIV	**570 Main St. Westbury, N Y**	**ED4-7070**
	G Egan #31 *320 E 105-550-825-895-915-1165		
Ala	Emory Design & Equipment	Box 9013, Birmingham, Ala	TR1-1369
Ariz	IMC Magnetics Arizona Div	917 W Madison St. Phoenix	AL4-7294
Cal	Romes Engineering Co. Inc	3045 Rosecrans St. San Diego	AC2-0497
Cal	IMC Magnetics	6058 Walker Ave. Maywood	L[illegible]-5221
Cal	Richard Strassner Co	P O Box 527, Los Altos	WH8-3334
Cal	E B Schwerin	4522 LaGama Way, Santa Barbara	WO7-6529
Colo	E K Kelley	336 E. 4th St, Loveland, Colo	NO7-1376
Conn	Gerber Sales Co	Box 2917, New Haven, Conn	SP7-6279
Del	Paragon Sales Co	111 S 22nd St. Philadelphia, Pa	LO3-7060
DC	Paragon Sales Co	111 S 22nd St. Phila, Pa	LO3-7060
Fla	Emory Design & Equip't. Co	P O Box 507, Bradenton	BR7-1707
Ga	Emory Design & Equip't. Co	P O Box 507, Bradenton, Fla	BR7-1707
Ill	Knoblock & Malone Inc	1603 N Newland, Chicago	NA2-4005
Ind	Knoblock & Malone Inc	1603 N Newland, Chicago, Ill	NA2-4005
Iowa	Design & Sales Engineering Co	2702 41st St Pl. Des Moines	BL5-4584
Kan	Design & Sales Engineering Co	400 N Emporia, Wichita	HO4-2893
La	Hal F Corry Co	6315 Hillcrest Ave. Dallas, Texas	LA8-9172
Me	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Md	Paragon Sales Co	111 S 22nd St. Philadelphia, Pa	LO3-7060
Mass	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Mich	BEK Associates	Box 53, Dayton View Sta, Dayton, Ohio	CR8-1343
Mich	BEK Assoc	24054 Smith Ave. Westlake, Ohio	SP7-2072
Minn	D A Schultz Co	801 S.E. 8th St, Minneapolis 14, Minn	FE9-7701
Mo	Design & Sales Engineering Co	7603 Forsyth Blvd. St Louis	PA1-6403
Mo	Design & Sales Engineering Co	2600 Grand Ave. Kansas City	GR1-1640
NH	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
NJ	Ellis-Haber Corp	11 Northern Blvd, Great Neck, NY	HU7-5145
NY	Ellis-Haber Corp	11 Northern Blvd, Great Neck, NY	HU7-5145
NY	Frank W Taylor Co. Inc	PO Box 222, DeWitt	GI6-0422
Ohio	Bek Associates	24054 Smith Ave. Westlake	SP7-2072
Ohio	Bek Associates	P O Box 53, Dayton	CR8-1343
Okla	Hal F Corry Co	6315 Hillcrest Ave. Dallas, Texas	LA8-9172
Ore	Shaffer & Nelson Inc	1001 SE Water Ave. Portland	BE4-7437
Pa	Paragon Sales Co	111 S 22nd St. Philadelphia	LO3-7060
RI	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Tenn	Emory Design & Equipment	Box 9013, Birmingham 9, Ala	TR1-1369
Tex	Hal F Corry Co	6315 Hillcrest Ave. Dallas	LA8-9172
Tex	Hal F Corry Co	2305 Brainard, Houston	LA9-2085
Vt	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Va	Paragon Sales Co	111 S 22nd St. Philadelphia, Pa	LO3-7060
Wash	Shaffer & Nelson Inc	1940 Occidental Ave. Seattle	MU2-0186
Wisc	D A Schultz Co	801 S.E. 8th St, Minneapolis 14, Minn	FE9-7701
Can	M J Howard & Co. Ltd	1168 Edgeland Pl. Ottawa 3	PA8-2291
	IMC MAGNETICS CORP. WESTERN DIV	**6058 Walker Ave. Maywood, Cal**	**LU3-4785**
	B Edw 338-1645-1745		
Ala	Emory Design & Equipment Co	P.O. Box 9013, Birmingham, Ala	TR1-1369
Ariz	IMC Magnetics Corp	917 W Madison St. Phoenix	AL4-7294
Cal	Cerruti & Associates	P.O. Box 579, Redwood City, Cal	EM9-3354
Cal	Romes Engineering Co. Inc	3045 Rosecrans St. San Diego	AC2-0497
Cal	E B Schwerin	4922 La Gama Way, Santa Barbara	WO7-6529
Colo	Elton K Kelley Co	336 E. 4th St, Loveland, Colo	NO7-1376
Conn	Gerber Sales Co	Box 2917, New Haven	SP7-6279
Del	Paragon Sales Co	111 S 22nd St. Philadelphia, Pa	LO3-7060
DC	Paragon Sales Co	111 S 22nd St. Phila, Pa	LO3-7060
Fla	Emory Design & Equip't. Co	P O Box 507, Bradenton	BR7-1707
Ga	Emory Design & Eqpt Co	PO Box 507, Bradenton, Fla	BR7-1707
Ill	Knoblock & Malone Inc	1603 N Newland, Chicago	NA2-4005
Ind	Knoblock & Malone Inc	1603 N Newland, Chicago, Ill	NA2-4005
Iowa	Design & Sales Engineering Co	2702 41st St Pl. Des Moines	BL5-4584
Kan	Design & Sales Engineering Co	400 N Emporia, Wichita	HO4-2893
La	Hal F Corry Co	6315 Hillcrest Ave. Dallas, Tex	LA8-9172
Me	Gerber Sales Co	48 Pearl St. Brookline, Mass	BE2-2425
Md	Paragon Sales Co	111 S 22nd St. Philadelphia, Pa	LO3-7060
Mass	Gerber Sales	48 Pearl St, Brookline, Mass	BE2-2425
Mich	BEK Assoc	Box 53, Dayton, Ohio	CR8-1343
Mich	BEK Assoc	24054 Smith Ave. Westlake, Ohio	SP7-2072
Minn	D A Schultz Co	801 S.E. 8th St, Minneapolis, Minn	FE9-7701
Mo	Design & Sales Engineering Co	7603 Forsyth Blvd, St. Louis, Mo	PA1-6403
Mo	Design & Sales Engineering Co	2600 Grand Ave. Kansas City	GR1-1640
NH	Gerber Sales Co	48 Pearl St. Brookline, Mass	BE2-2425
NJ	Michael W Stellmack	177 Kinder Kamack Rd. Emerson	CO1-2313
NY	Ellis-Haber Corp., The	11 Northern Blvd. Great Neck	HU7-5145
NY	Leo Jacobson Co Inc	420 Mohawk Ave. Scotia	FR7-9030
NY	Michael W Stellmack	177 Kinder Kamack Rd. Emerson, NJ	CO1-2313
NY	Leo Jacobson Co Inc	1396 Kenmore Ave. Buffalo	DE0442
Ohio	BEK Associates	24054 Smith Ave. Westlake	SP7-2072
Okla	Hal F Corry Co	6315 Hillcrest Ave. Dallas, Texas	LA8-9172
Ore	Shaffer & Nelson Inc	1001 SE Water Ave. Portland	BE4-7437
Pa	Paragon Sales Co	111 S 22nd St. Philadelphia	LO3-7060
RI	Gerber Sales Co	48 Pearl St. Brookline, Mass	BE2-2425
Tenn	Emory Design & Equip't Co	P O Box 9013, Birmingham, Ala	TR1-1369
Tex	Hal F Corry Co	6315 Hillcrest Ave. Dallas	LA8-9172
Tex	Hal F Corry Co	2305 Brainard, Houston	JA9-2085
Vt	Gerber Sales Co	48 Pearl St. Brookline, Mass	BE2-2425
Va	Paragon Sales Co	111 S 22nd St. Phila, Pa	LO3-7060
Wash	Shaffer & Nelson Inc	1940 Occidental Ave. Seattle	MU2-0186
Wis	D A Schultz Co	801 SE 8th St. Mpls, Minn	FE9-7701
Can	M J Howard Co. Ltd	1168 Edgeland Pl. Ottawa 3	PA8-2291
	I-T-E CIRCUIT BREAKER CO.	**601 E. Erie Ave, Philadelphia 34, Pa**	**GA6-5700**
	P Garrison #100 *1200 G 45-1040-1045-1135-1170-1410		
Ala	Roy Attaway Co	1635 Heatherwood Dr, Decatur, Ga	DR7-8943
Cal	Tech-Ser Inc	640 Donohoe St, Palo Alto, Cal	
	ITI ELECTRONICS INC	**369 Lexington Ave, Clifton, NJ**	**GR3-0900**
	H Atwood Jr #6 *60 D 185-475-895-1425		
DC	A H Fogelman	2000 K St, Washington 6	FE3-6767
Md	M & S Electronics	P O Box 185, Haddonfield, NJ	HA9-1909
NY	William J Gorman	12 Highland Dr. Livingston, NJ	WY2-2505
Ohio	James P Hobstetter	131 N Ludlow St. Dayton	BA2-2897
Pa	M & S Electronics	1328 N 4th St. Philadelphia	PO5-0460
●	**ITT COMPONENTS DIV. ELECTRON TUBE DEPT**	**Box 412, Clifton, NJ**	**NO7-3600**
	F Fagan F 338-1135-1880		
Ala	Harold R White	Baltimore, Md	HO7-4707
Ariz	B G Rice	Santa Monica, Cal	EX3-7795
Ark	Koch Engineering & Sales Co	309 Meadows Bldg, Dallas 6, Tex	EM1-1765
Cal	B G Rice	10037 Balboa Blvd, Northridge	
Colo	B G Rice	Santa Monica, Cal	EX3-7795
Conn	J E Wood	17 Ridge Ave, Natick, Mass	TW3-5579
Del	H R White	Baltimore, Md	HO7-4707
DC	H R White	Baltimore, Md	HO7-4707
Fla	H R White	Baltimore, Md	HO7-4707
Ga	H R White	Baltimore, Md	HO7-4707
Idah	B G Rice	Santa Monica, Cal	EX3-7795
Ill	J J Kircher	Chicago, Ill	ST2-4359
Ind	J J Kircher	Chicago, Ill	ST2-4359
Iowa	J J Kircher	Chicago, Ill	ST2-4359
Kan	J J Kircher	Chicago, Ill	ST2-4359
Ky	J J Kircher	Chicago, Ill	ST2-4359
La	Koch Engineering & Sales Co	309 Meadows Bldg, Dallas 6, Tex	EM1-1765
Me	J E Wood	17 Ridge Ave. Natick, Mass	TW3-5579
Md	H R White	Baltimore	HO7-4707
Mass	J E Wood	17 Ridge Ave. Natick	TW3-5579
Mich	J J Kircher	Chicago, Ill	ST2-4359
Minn	J J Kircher	Chicago, Ill	ST2-4359
Miss	H R White	Baltimore, Md	HO7-4707
Mo	J J Kircher	Chicago, Ill	ST2-4359
Mont	B G Rice	Santa Monica, Cal	EX3-7795
Neb	B G Rice	Santa Monica, Cal	EX3-7795
Nev	B G Rice	Santa Monica, Cal	EX3-7795
NH	J E Wood	17 Ridge Ave. Natick, Mass	TW3-5579
NM	B G Rice	Santa Monica, Cal	EX3-7795
NC	H R White	Baltimore, Md	HO7-4707
ND	J J Kircher	Chicago, Ill	ST3-4359
Ohio	J J Kircher	Chicago, Ill	ST2-4359
Okla	Koch Engineering & Sales Co	309 Meadows Bldg, Dallas 6, Tex	EM1-1765
Ore	B G Rice	Santa Monica, Cal	EX3-7795
RI	J E Wood	17 Ridge Ave. Natick, Mass	TW3-5579
SC	H R White	Baltimore, Md	HO7-4707
SD	J J Kircher	Chicago, Ill	
Tenn	H R White	Baltimore, Md	HO7-4707
Tex	Koch Engineering & Sales Co	309 Meadows Bldg, Dallas 6, Tex	EM1-1765
Utah	B G Rice	Santa Monica, Cal	EX3-7795
Vt	J E Wood	17 Ridge Ave. Natick, Mass	TW3-5579
Va	H R White	Baltimore, Md	HO7-4707
Wash	B G Rice	Santa Monica, Cal	EX3-7795
Wis	J J Kircher	6437 W Burdick Ave. Milwaukee	
Wyo	B G Rice	Santa Monica, Cal	EX3-7795
Canada	Lake Engineering Co Ltd	123 Manville Rd, Scarborough, Ont, Can	PL7-3253
	ITT COMPONENTS DIV. SEMICONDUCTOR DIV	**Box 412, Clifton, NJ**	**NO7-3600**
	J Shipco #49 *244 220-500-1445		
Ariz	Carl Hower & Co	340 N. Marshall Ave. Scottsdale	WH5-2471
Ark	Koch Eng. & Sales Co	309 Meadows Bldg. Dallas 6, Tex	EM1-1765
Cal	G B Ellis Sales Co	6715 Hollywood Blvd. Hollywood 28	YO7-5531
Cal	J W Muir Co	4216 W. Jefferson Blvd, Los Angeles 16	RE2-0145
Colo	Longstreet-Smith Assoc	1013 15th St. Denver 2	KE4-5091
Conn	Anderson Sales Co. Inc	6 Gaylord Dr. Waterbury	PL3-6645
Del	L D Lowery Inc	4508 Annapolis Rd. Bladensburg, Md	UN4-4722
DC	L D Lowery Inc	4508 Annapolis Rd. Bladensburg, Md	UN4-4722
Fla	Johnson Assoc. of Fla	Box 1676, Casselberry	MI4-3311
Idah	Samuel N Stroum Co. Inc	621 Mich. St. Seattle 8, Wash	PA3-7310
Ill	John G Twist Co	5222 W. Diversey Ave. Chicago 39	SP7-2250
Ind	Frederick & Nearing Co	1601 S. Hanna St. Ft. Wayne	HA0641
Iowa	W E Fry & Co. Inc	406 W. 34 St. KC 11	JE1-5236
Kan	W E Fry & Co. Inc	406 W. 34 St. KC 11, Mo	JE1-5236
Ky	Frederick & Nearing Co., The	1601 S. Hanna St. Ft. Wayne, Ind	HA0641
La	Koch Eng. & Sales Co	309 Meadows Bldg. Dallas 6, Tex	EM1-1765
Me	Anderson Sales Co. Inc	177 State St. Boston, Mass	CA7-2980
Md	L D Lowery Inc	4508 Annapolis Rd. Bladensburg	UN4-4722
Mass	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
Mich	Koehler-Pasmore Co	11983 Hamilton, Detroit 3, Mich	TO8-3322
Mich	John G Twist Co., The	5222 W. Diversey Ave. Chicago, Ill	SP7-2250
Minn	Robert W Marshall Co	6106 Excelsior Blvd. Minneapolis 16	WE9-0457
Mo	W E Fry & Co. Inc	406 W. 34 St. KC 11	JE1-5236
Mont	Samuel N Stroum Co. Inc	621 Mich. St. Seattle 8, Wash	PA3-7310
Neb	W E Fry & Co. Inc	406 W. 34 St. KC 20	JE1-5236
Nev	Longstreet-Smith Assoc	2708 Carol NE. Albuquerque, NM	AX9-8013
NH	Anderson Sales Co. Inc	177 State St. Boston, Mass	CA7-2980
NJ	L D Lowery Inc	4508 Annapolis Rd. Bladensburg, Md	UN4-4722
NM	Longstreet-Smith Assoc. Inc	2708 Carol NE. Albuquerque	AX9-8013
NY	Joseph Spruny Associates	254 W. 31st St, New York 1, NY	LO5-182[illegible]
NY	James Semple Assoc	Rochester 17, NY	FI2-1413
ND	Robert W Marshall Co	6106 Excelsior Blvd. Mpls, Minn	WE9-0457
Ohio	Arthur H Baier Co., The	19234 S. Miles Pkwy. Cleve 28	GR5-3[illegible]
Okla	Koch Eng. & Sales Co	309 Meadows Bldg. Dallas 6, Tex	EM1-1765
Ore	Samuel N Stroum Co. Inc	621 Mich. St. Seattle 8, Wash	PA3-7310
Pa	W Henry Cordray Sales Co	Barclay Bldg. Bala-Cynwyd	TR8-3737
Pa	L D Lowery Inc	4508 Annapolis Rd. Bladensburg, Md	UN4-4722
Pa	F P Yarussi Co	312 Spring Valley Rd. Pittsbgh	CA1-4676
RI	Anderson Sales Co. Inc	177 State St. Boston, Mass	CA7-2980
SD	Robert W Marshall Co	6106 Excelsior Blvd. Mpls, Mo	WE9-0457
Tex	Koch Engineering & Sales Co	309 Meadows Bldg, Dallas 6, Tex	EM1-1765
Utah	Longstreet-Smith Assoc	2708 Carol NE. Albuquerque, NM	AX9-8013
Vt	Anderson Sales Co. Inc	177 State St. Boston, Mass	CA7-2980
Va	L D Lowery Inc	4508 Annapolis Rd. Bladensburg, Md	UN4-4722
Wash	Samuel N Stroum Co. Inc	621 Mich. St. Seattle 8	PA3-7310
W Va	F P Yarussi Co	312 Spring Valley Rd. Pittsbgh, Pa	CA1-4676
Wis	John G Twist Co., The	5222 W. Diversey Ave. Chicago, Ill	SP7-2250
Wyo	Longstreet-Smith Assoc	1013 15th St. Denver 2, Colo	KE4-5091
Canada	Lake Engineering Co Ltd	123 Manville Rd, Scarborough, Ont, Can	PL7-3253
	ITT FEDERAL LABS DIV INT TEL & TEL CORP.	**500 Washington Ave. Nutley, NJ**	**NO1-1100**
	E Zappile #1340 *6175 G 40-45-180-195-325-338-775-885-895-1135-1150-1395-1410-1425-1780-1870		
Cal	ITT Federal Labs	225 Santa Monica Blvd. Santa Monica	GL1-1488
DC	ITT Federal Labs	905 16th St NW, Washington 6	EX3-0709
Mass	ITT Federal Labs	Northwest Industrial Park, Burlington	BR2-0601
NJ	ITT Federal Labs	100 Kingsland Rd. Clifton	NO1-3600
Tex	ITT Federal Labs	1359 Motor St. Dallas 7	RI2-6010
	ITT LABORATORIES COMPONENTS & INSTRUMENTATION DIV	**3700 E. Pontiac St, Ft. Wayne, Ind**	**EA7571**
	W Sterling #40 *100 E 200-338-885-1880-1910		
Cal	ITT Laboratories Labs	15191 Bledsoe St, San Fernando, Cal	EM7-2211
Fla	ITT Labs	Eglin AFB, Fla	X20191
NJ	ITT Labs	500 Washington Ave, Nutley, NJ	NO1-1100
NY	ITT Labs	P O Box 148, Rome	RO3[illegible]0
Ohio	ITT Labs	333 W. First St, Dayton, Ohio	BA4-4711
●	**ICHIZUKA OPTICAL INDUSTRIAL CO. LTD**	**800, 2-Chome, Shimoochiai, Shinjuku-Ku, Tokyo, Jap**	**951-5338**
	T Harada #8 *85 D 1015		
For	Ichizuka Optical Ind Co ltd	568 2-Chome Shimoochiai Shinjuku-Ku Tokyo, Japan	(951) 6241
	ICONIX INCORPORATED	**945 Industrial Ave. Palo Alto, Cal**	**DA3-1411**
	N Pappas #1 *6 B 895-1810		
Ariz	G S Marshall Co	30 Pima Pl. Scottsdale	
Cal	G S Marshall Co	2065 Huntington Dr. San Marino	
Cal	G S Marshall Co	801 Woodside Rd. Redwood City	EM6-8214
Del	Whitcomb Assoc	730 Dupdene Rd. Baltimore, Md	TU9-1245
DC	Whitcomb Assoc	730 Dupdene Rd. Baltimore, Md	TU9-1245
Ill	Cozzens & Cudahy	125 Old Orchard Arcade, Skokie	OR5-6700
Ind	Cozzens & Cudahy	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Iowa	Cozzens & Cudahy	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Md	Whitecomb Assoc	730 Dupdene Rd. Baltimore	TU9-1245
Minn	Cozzens & Cudahy	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Nev	G S Marshall Co	801 Woodside Rd. Redwood City, Cal	
NJ	F & F Assoc	15 Dorchester Rd. Emerson	MU7-6477
NY	F & F Assoc	125 Linden St. Bellmore	MU7-6477
NY	F & F Assoc	297 Cherry Pl. E. Meadow	MU7-6477
	IDAHO MARYLAND IND INC. MAG DIV.	**4310 San Fernando Rd. Glendale 4, Cal**	**CH5-5563**
	L Sharpe #4 *30 C 338-895		
Ohio	Harry Schiele	333 W 1st St. Dayton	
	IDEAL INDUSTRIES INC	**5103 Park Ave, Sycamore, Ill**	**2114**
	F Binkley #11 *275 F 460-895-1715-1825		
Ala	Ideal Industries Inc	540 Luckie St, N.W., Atlanta, Ga	TR4-4188
Alaska	Northwestern Agencies Inc	4130 First Ave, S., Seattle 4, Wash	MA3-8882
Ariz	Maddox Sales Co	914 E. Third St, Los Angeles 13, Cal	MA4-2306
Ark	R E Myers & Son	504 Louderman Bldg, St. Louis 1, Mo	MA1-2743
Cal	Maddox Sales Co	914 E. Third St, Los Angeles 13, Cal	MA4-2306
Cal	Maddox Sales Co	420 Market St, San Francisco 11, Cal	DO2-3249
Colo	C D Belt & Co	2149 S. Clermont, Denver 22, Colo	SK6-9421
Conn	Ideal Industries Inc	366 Broadway, New York 13, NY	CO7-6013
Del	Ideal Industries Inc	1417 W. Hunting Pk Ave, Phila 40, Pa	DA9-5567
DC	O T Hall & Son	2301 N. Charles St, Baltimore 18, Md	HO7-5359
Fla	Ideal Industries Inc	540 Luckie St, N.W., Atlanta, Ga	TR4-4188
Fla	Charles B Tomow Jr	P.O. Box 1434, Orlando, Fla	GA5-7295
Ga	Ideal Industries Inc	540 Luckie St, N.W., Atlanta, Ga	TR4-4188
Idaho	Northwestern Agencies Inc	4130 First Ave, S., Seattle 4, Wash	MA3-8882
Idaho	L M Sluser	318 Dooly Bld, Salt Lake City, Utah	EL5-2322
Ill	Ideal Industries Inc	600 W. Jackson Blvd, Chicago 6, Ill	ST2-9772
Ill	H M Kloppenburg & Son	6 Circle Dr, Springfield, Ill	LA9-2323
Ill	Midwest Equipment Co	P O Box 532, Davenport, Iowa	32-4-4074
Ind	Ideal Industries Inc	600 W. Jackson Blvd, Chicago 6, Ill	ST2-9772
Ind	Ideal Industries Inc	1423 E. McMillan St, Cincinnati 6, Ohio	WO1-3231
Ind	H M Kloppenburg & Son	6 Circle Dr, Springfield, Ill	LA9-2323
Iowa	Midwest Equipment Co	842 Fifth Ave, Des Moines 14, Iowa	CH3-1203
Iowa	F C Clatterbaugh	P O Box 152, Omaha 1, Neb	391-2905
Kan	Harry R Walker	P.O. Box 9211, Prairie Village 15, Kan	EN2-0922
Ky	Ideal Industries Inc	1423 E McMillan St, Cincinnati 6, Ohio	WO1-3231
Ky	Ideal Industries Inc	Bessemer Bldg, Pittsburgh 22, Pa	AT1-8338
Ky	H M Kloppenburg & Son	6 Circle Dr, Springfield, Ill	LA9-2323
La	M Morin Rivera	611 Pelican St. New Orleans 22	FA1525
Me	Electrical Agencies Inc	49-51 "D" St, Boston 27, Mass	AN8-9300
Md	O T Hall & Son	2301 N. Charles St, Baltimore 18, Md	HO7-5359
Mass	Electrical Agencies Inc	49-51 "D" St, Boston 27, Mass	AN8-9300
Mich	Ideal Industries Inc	2457 Woodward Ave, Detroit 1, Mich	WO1-9594
Mich	Robt S Knoblauch & Associates	P.O. Box 2538, West Allis, Wisc	SP4-5150
Minn	Lester L Elstad Sales Co	5910 Wayzata Blvd, Minneapolis 16, Minn	LI5-4000
Miss	M Morin Rivera	1300 N. Broad St, New Orleans 19, La	GA1161
Mo	R E Myers & Son	504 Louderman Bldg, St.Louis 1, Mo	MA1-2743
Mo	Harry R Walker	P.O. Box 9211, Prairie Village 15, Kan	EN2-0922
Mont	Northwestern Agencies Inc	4130 First Ave, S., Seattle 4, Wash	MA3-8882
Neb	F C Clatterbaugh	P O Box 152, Omaha 1	391-2905
Nev	Maddox Sales Co	420 Market St, San Francisco 11, Cal	DO2-3249
NH	Electrical Agencies Inc	49-51 D St, Boston 27, Mass	AN 8-9300
NJ	Ideal Industries Inc	366 Broadway, New York 13, NY	CO7-6013
NJ	Ideal Industries Inc	1417 W. Hunting Pk Ave, Phila 40, Pa	DA9-5567
NM	C D Belt & Co	2149 S. Clermont, Denver 22, Colo	SK6-9421
NY	Ideal Industries Inc	366 Broadway, New York 13, NY	CO7-6013
NY	Ideal Industries Inc	101 Elm Tree Ln, Syracuse 9, NY	HU8-5712
NC	Ideal Industries Inc	540 Luckie St, N.W., Atlanta, Ga	TR4-4188
NC	Paul M Simpson & Son	717 Byrd Park Ct, Richmond 20, Va	EL3-0887
ND	Lester L Elstad Sales Co	5910 Wayzata Blvd, Minneapolis 16, Minn	LI5-4000
Ohio	Ideal Industries Inc	1423 E. McMillan St, Cincinnati 6, Ohio	WO1-3231
Ohio	Ideal Industries Inc	1101 Chester Ave, Cleveland 14, Ohio	SU1-5241
Ohio	Ideal Industries Inc	2457 Woodward Ave, Detroit 1, Mich	WO1-9594
Okla	Charles R McRay Co	4405 N. Barnes, Oklahoma City 12, Okla	JA4-4033
Ore	Northwestern Agencies Inc	4130 First Ave, S., Seattle 4, Wash	MA3-8882
Pa	Ideal Industries Inc	Bessemer Bldg, Pittsburgh 22, Pa	AT1-8338
Pa	Ideal Industries Inc	1417 W. Hunting Park Ave, Phila 40, Pa	DA9-5567
RI	Electrical Agencies Inc	49-51 D St, Boston 27, Mass	AN8-9300
SC	Ideal Industries Inc	540 Luckie St, N.W., Atlanta, Ga	TR4-4188
SD	Lester L Elstad Sales Co	5910 Wayzata Blvd, Minneapolis 16, Minn	LI5-4000
Tenn	Ideal Industries Inc	540 Luckie St, N.W., Atlanta, Ga	TR4-4188
Tex	Galvin Sales Co	5622 Dyer St, Dallas 6, Tex	EM8-3878
Utah	L M Sluser	318 Dooly Bldg, Salt Lake City, Utah	EL5-2322
Vt	Electrical Agencies Inc	49-51 D St, Boston 27, Mass	AN8-9300
Va	Paul M Simpson & Son	717 Byrd Park Ct, Richmond 20, Va	EL3-0887

● INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Wash	Northwestern Agencies Inc	4130 First Ave, S., Seattle 4, Wash	MA3-8682
W. Va	Ideal Industries Inc	Bessemer Bldg, Pittsburgh 22, Pa	AT1-8318
Wisc	Robt S Knoblauch & Associates	P.O. Box 7638, West Allis, Wisc	SP4-5150
Wisc	Lester L Eliasid Sales Co	5910 Wayzata Blvd, Minneapolis 16, Minn	LI5-4000
Wyo	C D Bell & Co	2149 E. Clermont, Denver 22, Colo	SK6-9417
Wyo	L M Slusser	318 Dooly Bldg, Salt Lake City, Utah	EL5-2322
Canada	Irving Smith Ltd	2095 Madison Ave, Montreal 28, Que, Can	HU4-1153
Foreign	Ideal Industries Inc Exp Dis Div	Box 741, South Bend 24, Ind	AT7-1519
	IDEAL PRECISION METER CO., INC	**214 Franklin St, Brooklyn 22, NY**	**EV3-6904**
	H Leiderman #7 *220 895		
Ala	Fred Womble Sales Co	3957 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Cal	Dewco Sales Inc	6915 San Fernando Rd, Glendale 1	VI9-6101
Colo	Conners Inc	5403 E. Evans Ave, Denver 22, Colo	SK6-9417
Ill	Ellinger Sales Corp	5940 Northwest Hwy, Chicago 31, Ill	RO3-1570
Mass	Charles Segel Co	1262 Commonwealth Ave, Boston 34	BE2-4334
Mich	Ray Van Riper Sales	1842 Newton SE, Grand Rapids	GL2-0464
Minn	Hamilton & Bayle Associates Inc	2259 Republic Ave, Minneapolis 26, Minn	WE9-7891
NJ	S & M Assoc	595 Broad Ave, Ridgefield	WH5-0080
NJ	Harry J White Co, Inc	121 Cornell Bridge Rd, Haddonfield, NJ	HA8-2304
NY	Maury Farber Assoc. Inc	75 W. Chippewa St, Buffalo	TL6-3543
NY	Eliot Schwartzman	135 Sperry Blvd, New Hyde Park, NY	MU2-6361
Ohio	Weller-Rahe Co	P.O. Box 212, Worthington, Ohio	TU5-7819
Tex	J Earl Smith Co	6211 Denton Dr, Dallas 35	
Can	Universal Electric Co	3432 St. Lawrence Blvd, Montreal, Que	VI5-2691
Foreign	Roburn Agencies Inc	431-435 Greenwich St, New York 13, NY	WO6-2130
	IDEAS INC	**214 Ivinson Ave, Laramie, Wyo**	**FR5-2597**
	#2 *41 B 375		
•	**IKEGAMI TSUSHINKI CO. LTD**	**21 Motohi-cho, Kawasakishi, Kanagawa, Japan**	**431-6536**
	K Shinokawa #300 *473 A 895-1515-1855-1910		
	ILG ELECTRIC VENTILATING CO	**2850 N. Pulaski Rd, Chicago 41, Ill**	**KI5-1520**
	C Dexter Jr #10 *500 B05		
Ala	H B Brown Jr	2217-7th Ave, S. Birmingham 3, Ala	FA2-3629
Alaska	J D Sparks	7331 W. Greenlake Way, Seattle 3, Wash	LA2-8183
Ariz	R E Tweedy	2316 E Alvarado Rd	AL2-0163
Ark	C W Dean	4711 Poplar Ave, Memphis 17, Tenn	MU5-5001
Cal	C E Parks	1729 W. 8th St, Los Angeles, Cal	HU3-7367
Cal	W S Gorham	35 New Montgomery St, San Francisco 5	SU1-0964
Colo	H F Ream	1716 Santa Fe Dr, Denver 4	CH4-8101
Conn	R M Grill	968 Farmington Ave, West Hartford	AD3-7681
Del	F A Leser	704-17th St NW, Washington 6, DC	NA8-9732
DC	F A Leser	704-17th St NW, Washington 6	NA8-9732
Fla	R J Clark	P.O. Box 995, Clearwater, Fla	3-3783
Ga	F H Bigelow	[illegible] NW, Atlanta, Ga	TR4-3595
Hawaii	Honolulu Electrical Products Co	620 Pohukaina St, Honolulu, Hawaii	
Idaho	J W Lowder	1476 Major St, Salt Lake City, Utah	IN7-5489
Idaho	J D Sparks	7331 W. Greenlake Way, Seattle 3, Wash	LA2-8183
Ill	M L Smith	1804 Brady St, Davenport, Iowa	322-3353
Ill	A C Dettmer	222 W. La Salle St, Chicago 1, Ill	FR2-1520
Ind	J F Niesse	Arcit & Birrs Bldg, Indianapolis, Ind	ME5-5045
Ind	J C Watkins	1221 Locust St, St. Louis 3, Mo	MA1-1072
Ind	J H Niesse	503 Arcit & Birrs Bldg, Indpls 4, Ind	ME5-5045
Iowa	George E Melling	307A Shops Bldg, Des Moines 9, Iowa	AT8-1741
Kan	D M Allen	3021 Main St, Kansas City, Mo	LO1-9741
Ky	J W Dooley	7509 Sutherland, Knoxville, Tenn	2-3555
Ky	O J Hill	Tyler Bldg, W. Jefferson, Louisville, Ky	JU7-6942
La	J H Maloney	501 A. Jefferson Davis Pky, New Orleans	HU8-2654
Me	A E Wallgren	P.O. Box 2191, South Portland, Me	SP3-1266
Md	F A Leser	704-17th St NW, Washington, DC	NA8-9732
Md	R F Lang	12 & 14 E. 24th St, Baltimore, Md	HO7-9235
Mass	D W Noble	137 Newbury St, Boston, Mass	KE6-0562
Mich	Ray Long	415 Brainard St, Detroit	TE2-5445
Minn	H D Barr	1775 Selby Ave, St. Paul 4, Minn	MI6-6111
Miss	E M Chappell	Box 10471, Jackson	FL2-7584
Mo	D M Allen	3021 Main St, Kansas City, Mo	LO1-9741
Mo	J C Watkins	1221 Locust St, St. Louis 3, Mo	MA1-1072
Mont	W A Leffler	131 N. 23rd St, Billings, Mont	AL2-5624
Neb	B Gurney	504 S. 18th St, Omaha, Neb	JA8445
Nev	J W Lowder	1402 Major St, Salt Lake City, Utah	IN7-5489
Nev	W S Gorham	35 New Montgomery St, San Francisco 5	SU1-0964
NH	D W Noble	137 Newbury St, Boston 16, Mass	KE6-0562
NJ	C E Brock Jr	227 Haverford Ave, Narberth, Pa	MO4-2251
NM	R G Pursford, Jr	P O Box 721, El Paso	KE3-4435
NY	C E Williams	71 College Ave, Rochester 7, NY	HA6-4070
NY	F R Foote	21 Pinehurst Rd, Albany	IV2-7251
NY	J B Magee	15 S Clinton St, Buffalo	TA2-7805
NY	G C Jellife	221 Broadway, New York 7	BA7-8787
NC	H J Sturdivant	534 Pope Ln, Raleigh	VA9-3366
NC	C Z Adams	1052 Battleground Ave, Greensboro, NC	BR3-0566
ND	H D Barr	1775 Selby Ave, St. Paul 4, Minn	MI6-6111
Ohio	R I Fruth	867 Phillips Ave, Toledo	GR2-1158
Ohio	G B Silberstein	125 Broadway, Cincinnati 2, Ohio	GA1-4640
Ohio	A K Johnson	11150 Shaker Blvd, Cleveland 20, Ohio	WA1-5390
Ohio	F Stotler	1850 N. High St, Columbus 12, Ohio	AM7-8411
Okla	R E Pruing	125 W. 3rd St, Tulsa, Okla	LU5-9504
Ore	E Loney	1830 N.E. Sandy Blvd, Portland 20, Ore	AL4-7378
Pa	C E Brock Jr	227 Haverford Ave, Narberth, Pa	MO4-2251
Pa	C H Schneider	P.O. Box 7912, Pittsburgh 16, Pa	LO14418
Pa	R B Sage	P.O. Box 112, Rosemont, Pa	LU9-4524
RI	D W Noble	137 Newbury St, Boston 16, Mass	KE6-0562
SC	W T Foreman	821 Professional Bldg, Charlotte, SC	ED2-6721
SD	H D Barr	1775 Selby Ave, St. Paul 4, Minn	MI6-6111
Tex	M K Gardner	2103 Bomar Ave, Dallas, Tex	FL7-6613
Tex	H E Morrison Jr	3403 Calumet, Houston 4, Tex	JA8-5207
Utah	J W Lowder	1402 Major St, Salt Lake City, Utah	IN7-5489
Vt	D W Noble	137 Newbury St, Boston 16, Mass	KE6-0562
Va	Ilg Electric Ventilating Co	1052 Battleground Ave, Greensboro, NC	BR3-0566
Va	Ilg Electric Ventilating Co	715 W. Grace St, Richmond 20, Va	MI3-7331
Wash	J D Sparks	7331 W. Greenlake Way, Seattle 3, Wash	LA2-8183
W. Va	G B Silberstein	125 Broadway, Cincinnati 2, Ohio	GA1-4640
W. Va	C H Schneider	P.O. Box 7912, Pittsburgh 16, Pa	LO14418
Wisc	S W Smith	207 E. Michigan St, Milwaukee 2, Wisc	BR1-2458
Wisc	H D Barr	1775 Selby Ave, St. Paul 4, Minn	MI6-6111
Wyo	W A Leffler	131 N. 23rd St, Billings, Mont	AL2-5624
Foreign	J J LaPak	7 Ave Lafontne, Marly-Le-Roi (S&O), France	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
•	**ILLINOIS CONDENSER CO**	**1616 N. Throop, Chicago 22, Ill**	**EV4-1900**
	L Coleman #3 *227 E 220		
Cal	Bernard L Cahn Co	823 Lake St. SF 18	BA1-5923
Cal	C H Mitchell Co	13804 Ventura Blvd. Sherman Oaks	ST8-1013
Colo	A J Nelson Co	710 E. Louisiana, Denver 10	PE3-5528
Fla	Winfield Electronic Sales Co	666 NE 125th St. N. Miami	PL1-5566
Ill	Morton L Friedman	4751 North Rockwell, Chicago 25	LO1-4257
Ill	Arnold Leff Assoc	1046 Wilson Ave, Chicago	LO1-6831
Ill	R R Rezner Sales Co	4708 N. Central Ave. Chicago	AV3-0022
Ill	Frank Weitzman	8942 Sleeping Bear Rd. Skokie	MO6-8734
Ind	Walter W Bieberich	2817 Plaza Dr. Ft. Wayne 5	KE2929
Mass	Charles Segel Co	1262 Commonwealth Ave. Boston 34	BE2-4334
Mich	R C Merchant Co	18411 W. McNichols Rd. Detroit 19	KE5-6000
Miss	L R Massey Co	304 E. Jefferson St. Greenwood	GL3-3038
Mo	Carmine A Vignola Assoc	1202 Peyton Dr. Jefferson City	5-1023
NY	S A Shaw Co	361 Central Park Ave. Yonkers	YO3-5700
NC	G F Schiffer & Co	Box 6365, Greensboro	BR3-5578
Ohio	Midwest Sales Co	3219 W. 117th St. Cleve 11	WI1-2700
Ore	Roger M Minthorne Co	0673 SW Taylor's Ferry Rd. Portland 19	CH6-4556
Pa	Jerry Bresson Assoc	246 Haverford Ave. Narberth	MO4-4272
Pa	H A Goodman	401 W. Mt. Airy Ave. Phila 19	RI3-1661
Tex	Packard Assoc	404 Love Field Air Term Bldg. Dallas	FL7-5713
W Va	Fred A Rosenwasser	13781 Cedar Road, S. Euclid 18, Ohio	FA1-0463
For	Minthorne Intl. Co. Inc	15 Moore St. NY 4	BO9-6272
	ILLINOIS TESTING LABS INC	**420 N. La Salle St, Chicago 10, Ill**	**WH3-1331**
	895-1795-1000-1050		
	ILLUMITRONIC ENGINEERING	**680 E. Taylor Ave, Sunnyvale, Cal**	**RE9-2395**
	H Berkley #4 *45 285-320-375-975-1290-1985		
Ala	J E Joyner & Associates	P.O.Box 10821, Sta A, Atlanta, Ga	PL8-4910
Ariz	H A Moore Sales Co	P.O.Box 7245, Phoenix, Ariz	AM5-4662
Cal	Logan & Stone	1485 Bayshore Blvd, San Francisco, Cal	DE4-1200
Colo	McLoud & Raymond Co	5403 E. Evans, Denver, Colo	SK6-1589
Conn	Fred Catalano	548 Forest St, Rockland, Mass	TR7-4192
Del	S W Simberkoff Sales	68 Hudson St, Hoboken, NJ	OL6-5211
DC	S W Simberkoff Sales	68 Hudson St, Hoboken, NJ	OL6-5211
Fla	J E Joyner & Associates	Box 10821, Sta A, Atlanta, Ga	PL8-4910
Ga	J E Joyner & Associates	Box 10821, Sta A, Atlanta, Ga	PL8-4910
Idaho	McLoud & Raymond Co	5403 E. Evans, Denver, Colo	SK6-1589
Ill	B Cumming & Assoc. Inc	6029 W. Belmont Ave, Chicago	ME7-3770
Iowa	L F Florence Co	406 W. 34th St, Kansas City, Mo	LO1-7282
Kan	L F Florence Co	406 W. 34th St, Kansas City, Mo	LO1-7282
Me	Fred Catalano	548 Forest St, Rockland, Mass	TR7-4192
Md	S W Simberkoff	68 Hudson St, Hoboken, NJ	OL6-5211
Mass	Fred Catalano	548 Forest St, Rockland, Mass	TR7-4192
Mich	Burcaw-Cowan & Co	22128 Grand River Ave, Detroit	KE3-7700
Minn	Bonamont Heyda	6101 Auto Club Rd, Minneapolis, Minn	TU1-9166
Miss	J E Joyner & Associates	Box 10821, Sta A, Atlanta, Ga	PL8-4910
Mo	L F Florence Co	406 W. 34th St, Kansas City, Mo	LO1-7282
Mont	McLoud & Raymond Co	5403 E. Evans, Denver, Colo	SK6-1589
Neb	L F Florence Co	406 W. 34th St, Kansas City, Mo	LO1-7282
Nev	Logan & Stone	1485 Bayshore Blvd, San Francisco, Cal	DE4-1200
NH	Fred Catalano	548 Forest St, Rockland, Mass	TR7-4192
NJ	S W Simberkoff Sales	68 Hudson St, Hoboken, NJ	OL6-5211
NM	Harry A Moore Sales Co	P.O.Box 7245, Phoenix, Ariz	AM5-4662
NY	S W Simberkoff Sales	68 Hudson St, Hoboken, NJ	OL6-5211
NC	J E Joyner & Associates	Box 10821, Sta A, Atlanta, Ga	PL8-4910
ND	Bonamont Heyda	6101 Auto Club Rd, Minneapolis, Minn	TU1-9166
Pa	S W Simberkoff Sales	68 Hudson St, Hoboken, NJ	OL6-5211
RI	Fred Catalano	548 Forest St, Rockland, Mass	TR7-4192
SC	J E Joyner & Associates	Box 10821, Sta A, Atlanta, Ga	PL8-4910
SD	Bonamont Heyda	6101 Auto Club Rd, Minneapolis, Minn	TU1-9166
Tenn	J E Joyner & Associates	Box 10821, Sta A, Atlanta, Ga	PL8-4910
Tex	Harry A Moore Sales Co	P.O.Box 7245, Phoenix, Ariz	AM5-4662
Utah	McLoud & Raymond Co	5403 E. Evans, Denver, Colo	SK6-1589
Vt	Fred Catalano	548 Forest St, Rockland, Mass	TR7-4192
Va	S W Simberkoff Sales	68 Hudson St, Hoboken, NJ	OL6-5211
Wyo	McLoud & Raymond Co	5403 E. Evans, Denver, Colo	SK6-1589
Canada	Len Finkler Ltd	1794 Avenue Rd, Toronto, Ont, Canada	CR8-7583
Foreign	Minthorne International	15 Moore St, New York, NY	BO9-6272
	IMAGE INSTRUMENTS INC	**2300 Wash. St. Newton Lower Falls, Mass**	**WO9-8440**
	C Phaneuf #6 *14 B 365-895-1910		
	IMPACT-O-GRAPH CORP	**B F Keith Bldg. Cleve 15, Ohio**	**CH1-5838**
	W Melzinor A 895-1425		
Ariz	G Moss Elec. Inc	1502 Preston St. Salt Lake City 8, Utah	HU5-2870
Ark	White & Co	788 Mayview Ave. Palo Alto, Cal	DA1-3350
Cal	George B Woodcock & Co	813 N. La Brea Ave, Los Angeles, Cal	WE3-8515
Colo	G Moss Elec. Inc	1530 13th Ave. Greeley	EL3-1452
Conn	Otto A Lutkemper	45 Stanwood Rd, New Hyde Park, NY	PI2-0278
DC	A Kline	1511 N. 22nd St. Arlington, Va	JA8-3478
Fla	Southern Dynamics Inc	7257 Lake Dr, Orlando	CH1-9587
Idaho	G Moss Elec. Inc	1502 Preston, Salt Lake City, Utah	HU5-2870
Ill	T B Neal	Box 66, Des Plaines	VA4-7310
Iowa	Electrofax	590 N Hamline, St Paul, Minn	
Kan	Sobel & Assoc	7622 Forsyth Blvd. Clayton, Mo	PA6-4616
Md	Technicraft	6221 Ridge Ave. Phila 28, Pa	IV2-2323
Mass	Edward LeMay	234 Wachusett St, Holden, Mass	VA9-2651
Mich	Tufts Eqpt. Co	Box 2309, Dearborn	CR4-0515
Minn	Electrofax	711 W. Lake St, Minneapolis, Minn	TA5-9016
Mo	Sobel & Assoc	7622 Forsyth Blvd. Clayton 6	PA6-4616
Neb	G Moss Electronics Inc	1530 13th St. Greeley, Colo	EL3-1452
NH	E LeMay	570 Wachusett, Holden, Mass	VA9-2651
NJ	Otto Lutkemper	45 Stanwood Rd, New Hyde Park, NY	PI2-0278
NJ	Technicraft	6221 Ridge Ave, Philadelphia, Pa	IV2-2323
NM	G Moss Electronics, Inc	1530 13th St. Greeley, Colo	EL3-1452
NY	O Lutkemper	45 Stanwood Rd, New Hyde Park	PI2-0278
NY	Components for Industry	73 Sedgemoor Ct. Buffalo	NF3-8900
NY	Components for Industry	110 Woodmancy Ln. Fayetteville	NE7-9601
Ore	L Rudy	Colman Bldg, Seattle 4, Wash	MA3-8966
Pa	Technicraft	6221 Ridge Ave. Phila	IV2-2323
RI	E LeMay	570 Wachusett, Holden, Mass	VA9-2651
Tex	L Blanton Co	Box 6042, Dallas 22	AN2-1257
Utah	G Moss Electronics	1502 Preston St, Salt Lake City	HU5-2870
Vt	E LeMay	570 Wachusett, Holden, Mass	VA9-2651
Va	A Kline	1511 N. 22nd St, Arlington	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Wash	Leslie Rudy	Colman Bldg, Seattle, Wash	MA3-8966
Wis	Electrofax	590 N. Hamline, St. Paul, Minn	
Wyo	G Moss Electronics, Inc	1530 13th St, Greeley, Colo	EL3-1452
Foreign	A Latter & Co Ltd	43 South End, Croydon, England	
	IMPROVED SEAMLESS WIRE CO	**775 Eddy St, Providence, RI**	**HO1-0855**
	G Sawyer *100 E 1125-1885-1960		
Ill	Henry C Griffin	670 Woodland Dr. Crystal Lake	459-4464
NY	Abraham I Stark	73-43 196th St. Flushing	SP6-4333
	INTRA CORP	**11 University Rd, Cambridge 38, Mass**	**EL4-1010**
	W Farnham *3 B 895-1460		
Ariz	Frank A Emmet Co	2837 W. Pico Blvd, Los Angeles 6, Cal	RE1-8211
Cal	Electronic Engrg Associates Ltd	1295 Laurel St, San Carlos, Cal	LY3-2189
Cal	Frank A Emmet Co	2837 W. Pico Blvd, Los Angeles 6, Cal	RE1-8211
Conn	Bordewieck Engrg Sales Co	221 Grove St, Braintree 85, Mass	VI3-0845
Del	Wilco Associates Inc	733 15th St, N.W., Washington 5, DC	EX3-0451
DC	Wilco Associates Inc	733 15th St, N.W., Washington 5, DC	EX3-0451
Idaho	Applied Engineering Prods Co	405 Felt Bldg, Salt Lake City, Utah	EM4-4942
Ill	Gordon Fuxman Engineering Co	8160 Stanford Ave, St. Louis 30, Mo	PA5-5219
Ind	Midwest Sales Co	3219 W. 117th St, Cleveland 11, Ohio	WI1-2700
Iowa	Fred Peterson Co	2431 Hennepin Ave, Minneapolis 5, Minn	KE3025
Kan	Gordon Fuxman Engineering Co	8160 Stanford Ave, St. Louis 30, Mo	PA5-5219
Me	Bordewieck Engrg Sales Co	221 Grove St, Braintree 85, Mass	VI3-0845
Md	Wilco Associates Inc	733 15th St, N.W., Washington 5, DC	EX3-0451
Mass	Bordewieck Engrg Sales Co	221 Grove St, Braintree 85, Mass	VI3-0845
Mich	Midwest Sales Co	3219 W. 117th St, Cleveland 11, Ohio	WI1-2700
Minn	Fred Peterson Co	2431 Hennepin Ave, Minneapolis 5, Minn	KE3025
Mo	Gordon Fuxman Engrg Co	8160 Stanford Ave, St. Louis 30, Mo	PA5-5219
Nev	Frank A Emmet Co	2837 W. Pico Blvd, Los Angeles 6, Cal	RE1-8211
Nev	Electronic Engrg Associates Ltd	1295 Laurel St, San Carlos, Cal	LY3-2189
NH	Bordewieck Engrg Sales Co	221 Grove St, Braintree 85, Mass	VI3-0845
NJ	Norbell Sales Co	211-02 Northern Blvd, Flushing 61, NY	FL7-9440
NM	Applied Engrg Products Co	405 Felt Bldg, Salt Lake City, Utah	EM665
NY	Norbell Sales Co	211-02 Northern Blvd, Flushing 61, NY	FL7-9440
Ohio	Midwest Sales Co	3219 W. 117th St, Cleveland 11, Ohio	WI1-2700
Pa	Midwest Sales Co	3219 W. 117th St, Cleveland 11, Ohio	WI1-2700
RI	Bordewieck Engrg Sales Co	221 Grove St, Braintree 85, Mass	VI3-0845
Tex	R E Salter	208 Sidney St, Houston 3, Tex	WA3-8728
Utah	Applied Engrg Products Co	405 Felt Bldg, Salt Lake City 11, Utah	EM4-4942
Vt	Bordewieck Engrg Sales Co	221 Grove St, Braintree 85, Mass	VI3-0845
Va	Wilco Associates Inc	733 15th St, N.W., Washington 5, DC	EX3-1174
Wisc	Fred Peterson Co	2431 Hennepin Ave, Minneapolis 5, Minn	KE3-25
Wyo	Applied Engrg Products Co	405 Felt Bldg, Salt Lake City, Utah	EM4-4942
•	**INDIANA STEEL PRODUCTS, DIV OF INDIANA GENERAL CORP**	**Valparaiso, Ind**	**HO2-3131**
	W Baughman #20 *650 G 460-895-1000-1005		
Ariz	Fry Co	355 N. Scottsdale Rd. Scottsdale	WH5-8071
Cal	Indiana General Corp	16541 Ventura Blvd. Encino	ST8-7380
Fla	Jack Geartner Co	235 Lincoln Rd. Miami Beach	JE1-0200
Ill	Indiana General Corp	7012 W. North Ave. Chicago	TU9-4303
Mass	Indiana General Corp	681 Main St. Waltham 54	TW4-4841
Minn	Northport Eng	1729 Selby Ave. St. Paul 4	MI5-2521
Mo	Indiana General Corp	8000 Bonhomme Ave. Clayton 5	PA7-6665
NJ	Indiana General Corp	Crows Mill Rd. Keasbey	VA6-5100
NY	Indiana General Corp	1463 Monroe Ave. Rochester 18	HI5-0550
NY	Indiana General Corp	916 Liverpool Rd. Liverpool	OL2-5221
Ohio	Indiana General Corp	23203 Lorain Rd. N. Olmsted	RE4-3350
Pa	Indiana General Corp	46 Garrett Rd. Upper Darby	FL2-4753
Tex	Allied Components Inc	2517 Converse St, Dallas, Tex	RI2-2630
	INDIANA STEEL & WIRE CO INC	**2200 E. Jackson St. Muncie, Ind**	
	1960		
	INDIKON CO, INC	**76 Coolidge Hill Rd, Watertown, Mass**	**WA4-3906**
	***14 B 360-895-1340**		
Ala	Vaughn Sales & Eng Co	512 N 18th St, Birmingham 3	
	INDIUM CORP OF AMERICA	**1676 Lincoln Ave, Utica 4, NY**	**SW7-1630**
	J Dyer Jr #5 *26 D 1125		
Cal	B M Thompson	4529 W. 8th St, Los Angeles, Cal	WE5-9542
NM	R F Kimball	2527-B McKinney Ave. Dallas 1, Tex	RI7-8779
Okla	R F Kimball	2527-B McKinney Ave. Dallas 1, Tex	RI7-8779
Tex	R F Kimball	2527-B McKinney Ave. Dallas 1	RI7-8779
	INDUCTION HEATING CORP	**181 Wythe Ave, Brooklyn 11, NY**	**EV4-3110**
	T Stanton #10 *125 E 320-735-820-895-1075		
Ala	Mid-South Eqpt Co	3127 Maple Dr. NE, Atlanta 5, Ga	
Ariz	Denton & Anderson Co	5526 N. Rosemead Blvd, Temple City, Cal	CU3-4647
Cal	Denton & Anderson Co	5526 N. Rosemead Blvd, Temple City	CU3-4647
Colo	R E Duhnc Associates	2951 S. Broadway, Denver 10, Colo	PA2-4609
Conn	R J Harkins	32 Elm St, New Haven 10	LO2-3312
Del	Precision Sales Co	8616 Georgia Ave, Silver Spring, Md	JU9-7890
DC	Precision Sales Co	8616 Georgia Ave, Silver Spring, Md	JU9-7890
Fla	H R Grass & Co	Box 387, Ormond Beach	
Ga	Mid-South Eqpt. Co. Inc	3127 Maple Dr. NE Atlanta 5	
Ill	Denton & Anderson Co	10960 W Roosevelt Rd, Westchester	MU1-4472
Ill	Moehlenpah Engineering Inc	1315 S. Vandeventer Ave, St. Louis, Mo	JE3-6325
Ind	Denton & Anderson Co	3740 Salem Ave, Dayton 6, Ohio	CR7-5327
Iowa	Moehlenpah Engineering Inc	2904 Vine St, W. Des Moines, Iowa	BL5-5435
Kan	Moehlenpah Eng. Inc	4550 Main St, Kansas City 11, Mo	JE1-5213
Ky	Denton & Anderson Co	3740 Salem Ave, Dayton 6, Ohio	CR7-5327
Me	Harold Ottobrini	69 Sherman Rd, Chestnut Hill, Mass	HO9-2351
Md	Precision Sales Co	8616 Georgia Ave, Silver Spring, Md	JU9-7890
Mass	Harold Ottobrini	69 Sherman Rd, Chestnut Hill, Mass	HO9-2351
Mich	Charles H Armstrong Co	570 Livernois Ave, Ferndale 20, Mich	LI4-1301
Minn	Parker Sales & Eng	5904 W. 68th St, Mpls	WE9-3331
Mo	Moehlenpah Engineering Inc	1315 S. Vandeventer Ave, St. Louis 10	JE3-6325
Neb	Moehlenpah Engineering Inc	2904 Vine St, W. Des Moines, Iowa	BL5-5435
NH	Harold Ottobrini	69 Sherman Rd, Chestnut Hill, Mass	HO9-2351
NJ	Robert W Fuller	24 Stillman Ave, Bergenfield, NJ	DU4-7069
NY	A R Madeira	135 Evergreen Ave. Central Islip	
NY	R M Jacobs	33 Avon Rd, Rochester 10	
NY	Eastern Welding Equipment Co., Inc	775 Old Country Rd, Westbury, NY	ED3-0100
NC	Precision Sales Co	8616 Georgia Ave, Silver Spring, Md	JU9-7890
Ohio	Prof. Heating Eqpt. Co	Box 34 Twinsburg	HA5-7000
Ohio	Denton & Anderson Co	3740 Salem Ave, Dayton 6, Ohio	CR7-5327

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Okla	B C Myers Co	932 W. Jefferson Blvd, Dallas, Tex	
Ore	H E Hartley Co	223 Terminal Bldg, Seattle 8, Wash	MO7120
Pa	J V Calhoun Co	349 Montgomery Ave, Bala-Cynwyd	
Pa	J V Calhoun Co	345 Montgomery Ave, Bala-Cynwyd, Pa	GR3-4477
SC	Precision Sales Co	8616 Georgia Ave, Silver Spring, Md	JU9-7690
Tenn	Denton & Anderson Co	3740 Salem Ave, Dayton 6, Ohio	CR7-9327
Tex	Preston Machine Tools Inc	5011 Navigation Blvd, Houston 11, Tex	
Utah	R E Duboc Associates	2353 S. Broadway, Denver 10, Colo	PA2-4609
Va	Precision Sales Co	8616 Georgia Ave, Silver Spring, Md	JU9-7690
W. Va	Denton & Anderson Co	3740 Salem Ave, Dayton 6, Ohio	CR7-9327
Wisc	Karl W Stuffregen Co	430 W. Acacia Rd, Milwaukee 9, Wisc	FL2-8181
Wyo	R E Duboc Associates	2353 S. Broadway, Denver, Colo	PA2-4609
For	Horstmann Machine Tool Co, Inc	650 Madison Ave, NY 21, NY	
	INDUCTOR ENGINEERING INC.	**117 Schley Ave, Lewes, Del**	**LE2341**
	H Michel #2 *22 C 670-795-895-1420-1855		
	INDUSTRIAL CONDENSER CORP	**3243 N California Ave. Chicago 18, Ill**	**IN3-2200**
	J Kasper E 220		
Cal	Nickerson & Gray Associates	2434 Park Blvd, Palo Alto, Cal	DA6-0152
Conn	Ray Perron & Co., Inc	35 Louis St, Trumbull, Conn	AM8-5631
Del	L D Lowery, Inc	4508 Annapolis Rd, Bladensburg, Md	
DC	L D Lowery, Inc	4508 Annapolis Rd, Bladensburg, Md	
Haw	Nickerson & Gray Assoc	2434 Park Blvd. Palo Alto, Cal	DA6-0152
Ind	Scott & Steffen, Inc	915 N Pennsylvania, Indianapolis 4	ME5-8951
Ky	Scott & Steffen, Inc	9525 Montgomery Rd, Cincinnati, Ohio	SY1-2513
Me	Ray Perron & Co., Inc	1870 Centre St. Boston 32, Mass	FA3-1008
Md	L D Lowery, Inc	4508 Annapolis Rd, Bladensburg	
Mass	Ray Perron & Co., Inc	1870 Centre St. Boston 32	FA3-1008
Mich	Edwin F Liddle	18925 Grand River Ave, Detroit, Mich	VE7-5310
Mich	E A Dickinson & Assoc	4117 N Green Bay Ave, Milwaukee 9, Wis	CO4-1080
Nev	Nickerson & Gray Assoc	2434 Park Blvd, Palo Alto, Cal	DA6-0152
NH	Ray Perron & Co., Inc	1870 Centre St. Boston 32, Mass	FA3-1008
NJ	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
NJ	Rywel Sales Co	100 N. Village Ave, Rockville Centre, NY	RO4-2666
NY	Rywel Sales Co	100 N. Village Ave, Rockville Centre, NY	RO4-2666
NY	J F Wilfstange, Jr	4505 E Genesee St. Dewitt 14	GI6-3330
Ohio	Scott & Steffen Inc	1836 Euclid Ave, Cleveland 15, Ohio	TO1-2626
Ohio	Scott & Steffen, Inc	102 W 2nd St. Dayton 2	AD2652
Ohio	Scott & Steffen, Inc	9525 Montgomery Rd. Cincinnati	SY1-2513
Pa	L D Lowery Inc	50 E. Wynnewood Ave, Wynnewood, Pa	MI2-9100
Pa	L D Lowery, Inc	1501 Allison St. Harrisburg	CE3-0917
Pa	Scott & Steffen, Inc	507 Liberty St. Pittsburgh 2	GR1-5233
RI	Ray Perron & Co., Inc	Trumbull, Conn	AM8-5631
Vt	Ray Perron & Co., Inc	1870 Centre St. Boston 32, Mass	FA3-1008
Va	L D Lowery, Inc	4508 Annapolis Rd, Bladensburg, Md	
Wisc	E A Dickinson & Associates	4117 N. Green Bay Ave, Milwaukee, Wisc	CO4-1080
	INDUSTRIAL CONTROL CO	**Central At Pinelawn, Farmingdale, NY**	**MY4-3000**
	D Spinanti 20-275-338-360-470-475-755-775-875-895-1330-1420-1555		
Cal	Sodaro Co	3753 S. Robertson Blvd, Culver City	UP0-6001
Idah	H Levinson Co	1211 E. Denny Way, Seattle 1, Wash	EA3-5100
Kan	Southern Ind. Electronics Inc	615 W. 22 St. Wichita	TE8-1409
La	Southern Ind. Electronics Inc	1419 Conrad Sauer Rd, Houston 43, Tex	HO5-7917
Mich	J L Pearce Co	20565 James Couzens Hwy, Detroit 21	UN2-2571
Mo	Southern Ind. Electronics Inc	615 W. 22nd St. Wichita, Kan	TE8-1409
Okla	Southern Ind. Electronics Inc	Box 35613, Air Lawn Sta, Dallas, Tex	FL2-3901
Ore	H Levinson Co	1211 E. Denny Way, Seattle 1, Wash	EA3-5100
Tex	Southern Ind. Electronics Inc	Box 35613, Air Lawn Sta, Dallas 35	FL2-3901
Wash	H Levinson Co	1211 E. Denny Way, Seattle 1	EA3-5100
For	Matsushita Elec. Trading Co. Ltd	Box 288, Central Osaka, Osaka, Jap	
For	Prodest	19, Milano, Italy	
	INDUSTRIAL DEVELOPMENT LABS., INC	**982 River Rd, Edgewater, NJ**	**WH3-4084**
	B Schnell 895		
•	**INDUSTRIAL DEVICES INC**	**Edgewater 8, NJ**	**WH3-4084**
	N Seiden #4 *50 D 285-300-895-905-950-985-1285-1290-1315-1630-1735-1875		
Ariz	Paul H Potter Associates	2390 Foothill Blvd, Pasadena, Cal	MU1-5189
Cal	Paul H Potter Associates	2390 Foothill Blvd, Pasadena, Cal	MU1-5189
Conn	D M Fraser Co	31 Pinetree Ridge, Meriden, Conn	BE7-7267
Ill	Karl D Engle Co	4724 N. Sheridan Rd, Chicago 40, Ill	UP8-6363
Ill	Gordon Fixman Engineering Co	8160 Stanford Ave, St. Louis 24, Mo	PA5-5219
Ind	Willard Spenser Co	20144 Livernois Dr, Detroit 21, Mich	UN3-5189
Iowa	George A Kelly	713 Parkdale Dr, Minneapolis 27, Minn	
Kan	Gordon Fixman Engineering Co	8160 Stanford Ave, St. Louis 24, Mo	PA5-5219
Ky	Willard Spenser Co	20144 Livernois Dr, Detroit 21, Mich	UN3-5189
Me	D M Fraser Co	31 Pinetree Ridge, Meriden Conn	BE7-7267
Mass	D M Fraser Co	31 Pinetree Ridge, Meriden, Conn	BE7-7267
Mich	Willard Spenser Co	20144 Livernois Dr, Detroit 21, Mich	UN3-5189
Minn	George A Kelly	713 Parkdale Dr, Minneapolis 27, Minn	GR3-7502
Mo	Gordon Fixman Engineering Co	8160 Stanford Ave, St. Louis 24, Mo	PA5-5219
Nev	Paul H Potter Associates	2390 Foothill Blvd, Pasadena, Cal	MU1-5189
NH	D M Fraser Co	31 Pinetree Ridge, Meriden, Conn	BE7-7267
NY	Niagara Electric Sales Co	505 Delaware Ave, Buffalo, NY	
NY	Niagara Electric Sales Co	133 S. Clinton St, Rochester 4, NY	HA5166
Ohio	Willard Spenser Co	20144 Livernois Dr, Detroit 21, Mich	UN3-5189
Ore	Pacific Electric Sales Co	140 S.E. 28th Ave, Portland 14, Ore	BE5-4137
Pa	Willard Spenser Co	20144 Livernois Dr, Detroit 21, Mich	UN3-5189
RI	D M Fraser Co	31 Pinetree Ridge, Meriden, Conn	BE7-7267
Vt	D M Fraser Co	31 Pinetree Ridge, Meriden Conn	BE7-7267
Wash	Pacific Electrical Sales Co	140 S.E. 28th Ave, Portland 14, Ore	BE5-4137
W. Va	Willard Spenser Co	20144 Livernois Dr, Detroit 21, Mich	UN3-5189
Wisc	Karl D Engle Co	4724 N. Sheridan Rd, Chicago 40, Ill	UP8-6363
Canada	Willard Spenser Co	20144 Livernois Dr, Detroit 21, Mich	UN3-5189
	INDUSTRIAL ELECTRICAL WORKS, INC	**1509 Chicago St. Omaha 2, Neb**	**341-4600**
	J Costello #4 *125 D 1450-1485-1625		
Cal	Hollis H Hedrich	2173 Colorado Blvd, Los Angeles	CL5-1441
Colo	Strong & Humphrey	110 Yuma St. Denver	SH4-1351
Ill	W H Ransone	400 W Madison St. Chicago 6	CE6-9002
Ind	W H Ransone	400 W Madison St. Chicago 6, Ill	CE6-9002
Mich	W H Ransone	400 W Madison St. Chicago, Ill	CE6-9002
Minn	D A Swanson Co	7420 Lake Dr. Circle Pines	SU4-1745
NJ	Raymond Fischer	632 Drexel Ave, Drexel Hill, Pa	CL9-4886

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NY	Herbert P Riss	Box 27, Irondequoit Br. Rochester	FI2-3130
ND	D A Swanson Co	7420 Lake Dr. Circle Pines, Minn	SU4-1745
Ohio	W H Ransone	400 W Madison St. Chicago, Ill	CE6-9002
Pa	Raymond Fischer	632 Drexel Ave, Drexel Hill	CL9-4886
SD	D A Swanson Co	7420 Lake Dr. Circle Pines, Minn	SU4-1745
Tex	Loomis Equipment Co	1625 Main St. Houston 2	CA8-6401
Wash	Star Machinery Co	241 Lander St. Seattle 4	
Wis	W H Ransone Co	400 W Madison St. Chicago 6, Ill	CE6-9002
Wyo	Strong & Humphrey	110 Yuma St. Denver, Colo	SH4-1351
•	**INDUSTRIAL ELECTRONIC ENGINEERS INC**	**5528 Vineland Ave, N.Hollywood, Cal**	**TR7-1144**
	W Hartman #4 *70 E 338-360-565-895		
Conn	Eltron Engrg Sales, Inc	2341 Whitney Ave, Hamden 18	
Del	Angus-Sloane Assoc	Rt 38, Moorestown, NJ	BE5-1900
DC	Angus-Sloane Assoc	Rt 38, Moorestown, NJ	BE5-1900
Fla	Lynd A Walking	P.O. Box 3045, Atlanta 17, Ga	
Ga	Lynd A Walking	P.O. Box 3045, Atlanta 17, Ga	
Ill	Magnuson Associates	3347 Irving Park Rd, Chicago 18, Ill	
Ind	Magnuson Associates	3347 Irving Park Rd, Chicago 18, Ill	
Iowa	Magnuson Associates	3347 Irving Park Rd, Chicago 18, Ill	
Me	Eltron Engineering Sales Inc	245 Walnut St, Newtonville 60, Mass	
Md	Angus-Sloane Assoc	Rt 38, Moorestown, NJ	BE5-1900
Mass	Eltron Engineering Sales Inc	245 Walnut St, Newtonville 60, Mass	
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit 35, Mich	
Minn	Magnuson Associates	1359 W. Maynard Dr, St. Paul, Minn	
NH	Eltron Engineering Sales Inc	245 Walnut St, Newtonville 60, Mass	
NJ	Angus-Sloane Assoc	Rt 38, Moorestown	BE5-1900
NY	B B Taylor Co., Inc	2270 Grand Ave, Baldwin, NY	
NC	Lynd A Walking	P.O. Box 3045, Atlanta 17, Ga	
Ohio	S Sterling Co	5827 Mayfield Rd, Cleveland 21, Ohio	
Ohio	S Sterling Co	343 W. First, Dayton 2, Ohio	
Okla	Don Champion Co	P.O. Box 456, Hurst, Tex	
Pa	Assembly Prod of Pittsburgh	517 Second Ave, Pittsburgh 19, Pa	
RI	Eltron Engineering Sales Inc	245 Walnut St, Newtonville 60, Mass	
SC	Lynd A Walking	P.O. Box 3045, Atlanta 17, Ga	
Tenn	Lynd A Walking	P O Box 3045, Atlanta 17, Ga	DR3-8346
Tex	Ammon & Champion Co	2714 Bomar St. Dallas 4	FL7-3939
Vt	Eltron Engineering Sales Inc	245 Walnut St, Newtonville 60, Mass	
Va	Angus-Sloane Assoc	Rt 38, Moorestown, NJ	BE5-1900
W. Va	Assembly Prod of Pittsburgh	517 Second Ave, Pittsburgh 19, Pa	
Foreign	Counting Instruments Limited	5 Elstree Way, Borehamwood, Hertfordshire, England	
•	**INDUSTRIAL ELECTRONIC HARDWARE CORP**	**109 Prince St, New York 12, NY**	**OR7-1881**
	J Jacobs #10 *300 E 25-345-790-1325-1630-1735-1785		
Ala	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Ariz	R L Reid & Co	248 W. Pamela Rd, Arcadia, Cal	MU1-0711
Cal	R L Reid & Co	248 W. Pamela Rd, Arcadia, Cal	MU1-0711
Conn	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Del	John Hoover	1805 Hillenwood Rd, Baltimore, Md	ID5-5872
DC	John Hoover	1805 Hillenwood Rd, Baltimore, Md	ID5-5872
Fla	Floyd Fausett & Co	4500 Gulf Dr, Bradenton, Fla	
Ga	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Ill	Mernar Sales Co	4740 N. Austin Blvd, Chicago, Ill	KI5-1033
Ind	Southern Sales Co	Box 105, Angola, Ind	777
Iowa	Elmer O Hagestad & Associates	4513 Laguna Dr, Minneapolis, Minn	WA2-2334
Ky	McFadden Sales Co	150 E. Broad St, Columbus, Ohio	CA1-3063
Me	Gerber Sales Co., Inc	48 Pearl St, Brookline, Mass	BE2-2425
Md	John Hoover	1805 Hillenwood Rd, Baltimore, Md	ID5-5872
Mass	Gerber Sales Co., Inc	48 Pearl St, Brookline, Mass	BE2-2425
Mich	Robert H Jackson Co	10634 Ludlow Ave, Huntington Woods	LI2-5059
Minn	Elmer O Hagestad & Associates	4513 Laguna Dr, Minneapolis, Minn	WA2-2334
Miss	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta, Ga	PL3-3104
Neb	Elmer O Hagestad & Associates	4513 Laguna Dr, Minneapolis, Minn	WA2-2334
NH	Gerber Sales Co., Inc	48 Pearl St, Brookline, Mass	BE2-2425
NY	Leo Jacobson Co, Inc	1366 Kenmore Ave, Buffalo 23, NY	DE0442
NY	Harris Chitworthy	P O Box 867, Poughkeepsie, NY	ME5-3340
NC	Floyd Fausett & Co	Box 4657, Waughtown Sta, Winston Salem	
Ohio	McFadden Sales Co	150 E. Broad St, Columbus, Ohio	CA1-3063
Ore	Fred H Haight Co	3212 Eastlake Ave, Seattle, Wash	EA2-1818
Pa	Martin Friedman Associates	7 Hatcher Rd, Bala-Cynwyd, Pa	TR7-3450
RI	Gerber Sales Co., Inc	48 Pearl St, Brookline, Mass	BE2-2425
SC	Floyd Fausett & Co	Stony Point, Greenwood, SC	
Tenn	Floyd Fausett Co	777 Pinehurst Terr, S.W., Atlanta, Ga	PL3-3104
Tex	The Texport Co	2347 Farrington St, Dallas, Tex	RI8-6458
Vt	Gerber Sales Co., Inc	48 Pearl St, Brookline, Mass	BE2-2425
Va	John Hoover	1805 Hillenwood Rd, Baltimore, Md	ID5-5872
Va	Floyd Fausett Co	777 Pinehurst Terr, S.W., Atlanta, Ga	PL3-3104
Wash	Fred H Haight Co	3212 Eastlake Ave, Seattle, Wash	EA2-1818
Wisc	Mernar Sales Co	4740 N. Austin Blvd, Chicago, Ill	KI5-1033
Foreign	Mauck Representaciones	Corrientes 222 Piso 16, Buenos Aires, Argentina	
	INDUSTRIAL ELECTRONIC RUBBER CO	**31945 Aurora Rd. Solon 39, Ohio**	**CH8-1387**
	B Davison #1 *25 B 175-900-1505-1545-1940		
	INDUSTRIAL ENGINEERING & EQUIPMENT CO	**22 Hanley Industrial Ct. St Louis, Mo**	**MI7-3380**
	575		
	INDUSTRIAL ENGRAVERS INC	**2212 McDonald Ave, Brooklyn 23, NY**	**HI9-3200**
	J Zatskin *15 B 205-338-595-895-1190-1245-1290-1295-1605-1785		
NY	Irv Morse Sales	150 Broadway, New York	CO7-1913
	INDUSTRIAL INSTRUMENTS INC.	**89 Commerce Rd. Cedar Grove, NJ**	**CE9-6200**
	R MacAuley #12 *160 E 360-895-1735		
Ala	W K Stellings	Atlanta, Ga	CE7-0600
Ariz	Williams & Assoc Inc	3013 N Central, Phoenix	CR7-7477
Cal	G H Vaughan Co	Pasadena, Cal	RY1-4511
Cal	G H Vaughan Co	Palo Alto, Cal	DA1-1347
Colo	Williams & Assoc Inc	2361-63 S Albion, Denver	SK6-9401
Conn	Howard J Schult Co	Newtonville, Mass	LA7-5304
Del	Gawler-Knoop Co	Silver Spring, Md	JU5-7550
DC	Gawler-Knoop Co	Silver Spring, Md	JU5-7550
Fla	Q-C Equip Sales	610 N Orange Ave, Orlando	GA2-0495
Fla	Q-C Equip Sales	1750 SW 27th, Miami	HI4-5290
Ill	Kenneth W Meyers Co	6713 N Olcott, Chicago	SP4-6440
Ill	Thomson Co	Chicago, Ill	AN3-5056

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ind	Thomson & Co	Chicago, Ill	AN3-5056
La	Gay Sales	Baton Rouge	EL7-2473
Me	Howard J Schult Co	Newtonville, Mass	LA7-5304
Md	Gawler-Knoop Co	Towson, Md	VA5-3151
Mass	Howard J Schult Co	Newtonville, Mass	LA7-5304
Mich	Anger Associates	Dearborn, Mich	LU4-9653
Minn	Engineering Products Association	St Paul, Minn	MI6-3443
Mo	Fixman Engineering Co	St Louis, Mo	PA5-5219
Nev	G H Vaughan Co	Palo Alto, Cal	DA1-1347
NH	Howard J Schult Co	Newtonville, Mass	LA7-5304
NJ	Gawler-Knoop Co	Roseland, NJ	CA6-4545
NM	Williams & Assoc Inc	3021 Silver Ave SE, Albuquerque	
NY	E A Ossmann & Associates Inc	Rochester, NY	LU6-4340
NY	E A Ossmann & Associates Inc	Syracuse, NY	HE7-8446
NY	E A Ossmann & Associates Inc	Binghamton, NY	EN5-0296
NC	MacGuire Instrument Co	Charlotte, NC	EM6-3454
ND	Engineering Products Association	St. Paul, Minn	MI6-3443
Ohio	Anger Associates	Dearborn, Mich	LU4-9653
Ohio	K Lesker	Pittsburgh, Pa	TU1-4666
Ore	Fryer & Co., Inc	Portland, Ore	CA6-3733
Pa	Gawler-Knoop Co	Wyncote, Pa	TU4-8805
Pa	Kurt Lesker Co	Pittsburgh, Pa	TU1-4666
RI	Howard J Schult Co	Newtonville, Mass	LA7-5304
SC	MacGuire Instrument Co	Charlotte, NC	EM6-3454
SD	Engineering Products Association	St. Paul, Minn	MI6-3443
Tex	Gay Sales	Houston, Tex	JA9-3479
Tex	Dannemiller-Smith Inc	6218B Westheimer, Houston	SU2-7350
Tex	Dannemiller-Smith Inc	2712 W Mockingbird Ln, Dallas	FL7-8249
Utah	Williams & Assoc Inc	230 E 4th South, Salt Lake City	EM4-6844
Vt	Howard J Schult Co	Newtonville, Mass	LA7-5304
Va	Gawler-Knoop Co	Silver Spring, Md	JU5-7550
Wash	Fryer & Co., Inc	Portland, Ore	CA6-3733
W. Va	Kurt Lesker Co	Pittsburgh, Pa	TU1-4666
Wisc	Engineering Products Association	St. Paul, Minn	MI6-3443
Wisc	R Thomson & Co	Chicago, Ill	AN3-5056
For	Industrial Instruments Inc	333 E 46th, New York, NY	YU6-2244
Canada	Lisle Instrument Systems	Scarborough, Ontario, Canada	PL9-6736
	INDUSTRIAL MICA CORP	**221 S.Van Brunt St, Englewood, NJ**	**LO8-7200**
	A Bottie *90 E 900		
Cal	Yarbrough Sales	192 E. Glenarm St. Pasadena	MU2-3331
Pa	I R Blair	18 Hilltop Rd, Philadelphia 18, Pa	CH7-1575
	INDUSTRIAL NUCLEONICS CORP	**650 Ackerman Rd, Columbus, Ohio**	**AM7-6351**
	R Hickman #200 *500 G 338-360-895-1850		
Ala	Industrial Nucleonics Corp	1605 4th St, N.W., Birmingham, Ala	FA3-0964
Cal	Ind. Nucleonics Corp	San Mateo	DI4-6911
Cal	Industrial Nucleonics Corp	768 Miramar Terr, Belmont, Cal	DI4-6911
Ill	E J Amberg	Box 435, Atwood Rd, Beverly Shores, Ind	
Ill	E M Amberg	Chicago	FI5-7918
Mo	Industrial Nucleonics Corp	4200 Main St, Kansas City 11, Mo	WE1-4541
NJ	Industrial Nucleonics Corp	30 Woodland Rd, Jamesburg, NJ	JU2-7288
NY	L Phelan	20 Osprey Pl, Massapequa	JU2-7288
NY	Industrial Nucleonics Corp	333 W. 57th St, New York, NY	JU2-7288
Pa	J Yacovich	144 Homestead Rd, Strafford-Wayne	MU8-6950
Tex	Ind. Nucleonics Corp	Box 13046, Houston 24	HO5-2691
Canada	AccuRay of Canada Ltd	1500 St. Catherine St, W., Montreal, Que	WE3-5524
	INDUSTRIAL PLASTIC FABRICATORS INC	**Endicott St, Norwood, Mass**	**NO3-7411**
	P Chamberlain #2 *21 30-125-1290		
Ala	D B Gooch & Associates	5018 First Ave, N., Birmingham, Ala	LY2-8191
Cal	J William Grant	185 E. Green St, Pasadena, Cal	SY5-2611
Colo	Alldredge & McCabe	847 E. 17th Ave, Denver 18, Colo	AL5-7496
Conn	Charles C Chaddie	94 Market Square, Newington, Conn	MO6-9652
Fla	Johnson Roney III & Associates	P.O. Box 28, Clearwater, Fla	CL3-1136
Ill	Carroll & Associates	3209 15th Ave, Rock Island, Ill	6-7519
Ill	Premco Engineering Corp	6415 N. Central Ave, Chicago 46, Ill	FR2-6454
La	F M Erickson Co	5705 St. Roch Ave, New Orleans 22	WH2-2584
Md	C D Luttan Co	2127 Maryland Ave, Baltimore 18, Md	BE5-1957
Mass	Shelby Eng. Inc	16 Mica Ln, Wellesley Hills	CE7-0930
Mass	Chemicals Export Co	2-2 Washington St, Boston 8, Mass	RI2-1661
Mass	J M Pettingell & Associates	385 Concord Ave, Belmont 78, Mass	IV4-4770
Mich	H A Reed Co	15465 James Couzens Hwy, Detroit 38	VE8-6660
Mo	Dunstan Co	P.O. Box 4, St. Louis 15, Mo	MO1-7966
NJ	Frederick E Hensslein & Associates	1429 Rt 22, Mountainside, NJ	AD3-3747
NY	Corrosion Resistants Inc	82 St. Paul St, Rochester 4	LO2-9113
NY	Corrosion Resistants Inc	52 Great Arrow Ave, Buffalo 16, NY	VI3362
NY	Corrosion Resistants Inc	601 James St, Syracuse 3	GR4-0111
Ohio	Frank Wales Smith	12417 Cedar Rd, Cleveland 6, Ohio	ER1-4882
Okla	Haynes Co	1215 E. 20th St, Tulsa 20, Okla	LU4-6748
Pa	F R Magill Co	44 McKnight St, Pittsburgh 20, Pa	WA1-7510
Pa	Fred D Baker	128 Cona St, Emmaus, Pa	WO5-4954
Pa	P B Huyette Co. Inc., The	401 N. Broad St, Phila 8	WA2-6170
Tex	Ray Co., The	4411 Belmont Ave, Dallas 21	TA4-0177
Tex	Ray Co., The	2028 Ave. Q, Lubbock	PO3-6216
Tex	Mechanical Eqpt. Co	4500 Montrose Blvd, Houston 6	JA9-4804
Tex	Lindmore Eng. Co.	Box 2248, Capitol Sta, Austin 11	HO5-7242
Wash	General Equipment Co	E. 159 Stevens St, Spokane 4, Wash	TE8-1409
Wash	R E Chase & Co, Inc	118 Vine St, Seattle 1	MU2-8853
Wash	R E Chase & Co., Inc	Box 1414, Tacoma 1, Wash	
Wisc	H W Ressler	1349 N. 37th St, Milwaukee 8, Wisc	DI2-5700
	INDUSTRIAL REFRIGERATION CO., INC	**8940 Ellis Ave, Los Angeles 34, Cal**	**UP0-6664**
	250		
	INDUSTRIAL RETAINING RING CO	**57 Cordier St. Irvington, NJ**	**WA6-5000**
	H Bower D 1485		
	INDUSTRIAL SYSTEMS CO	**32 Main St, Matawan, NJ**	**LO6-4660**
	R Minton #10 *50 D 1075-1915		
Cal	E J Chubbuck Co	555 High St. Oakland 1	
NY	Niagara Electric Sales Co	505 Delaware Ave, Buffalo 2	
Ohio	Production Heating Eqpt Co	Box 34, Twinsburg	
Pa	Charles C Finn	2026 Pandora Ave, Pittsburgh 27	
Wis	Production Eqpt Inc	20842 W. Wisconsin Ave, Milwaukee 13	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	INDUSTRIAL TECTONICS INC. BALL DIV	**3686 Jackson Rd. Ann Arbor, Mich**	**NO3-2451**
	K McKenzie #4 *85 E 75-895		
Cal	Ind Tectonics Inc	18301 S. Santa Fe Ave. Compton	NE6-9941
Ga	DG Machinery & Gage Co	Box 13135, Sta K, Atlanta 24	ME6-1484
Mass	Robert F X Casey	7 Nancy Rd, Dedham	DA6-5912
Mich	Chester M Adams	3610 E. Stadium Blvd. Ann Arbor	NO2-7449
Minn	Wm K Nelson Co	817 13th Ave. S. Mpls 4	FE3-1215
NY	Richard W C Barr	57 Oak St. Northport	MU2-5844
NC	Crotts & Saunders Eng	235 N. Main St. Winston Salem	PA4-0163
Ohio	W Clark Dewitt	13800 Center Ridge River, Cleve 16	ED3-1290
Tex	Wallace Co. Inc	6945 Clinton, Houston 1	WA3-2831
Wash	R E Kunz	3026 1st Ave. S. Seattle 4	
	INDUSTRIAL TECTONICS INC. BEARING DIV	**18301 S. Santa Fe Ave. Compton, Cal**	**NE6-9941**
	D Kane #5 *130 E 75		
Ariz	M D Hewitt Assoc	3839 N. 39th Ave. Phoenix	BR2-2121
Colo	A E Werner	Petroleum Club Bldg. Denver 2	MA3-9235
Fla	Eugene C Bresch	1216 Virginia Dr. Orlando	GA39590
Ill	R J Dauber Sr	1106 N. Mitchell, Arlington Hts	CL39080
Mass	Robt F X Casey	7 Nancy Rd. Dedham	DA6-5912
Mich	C M Adams	3610 E. Stadium Blvd. Ann Arbor	NO2-7449
Minn	Donald E Petersen	3414 E. Lake St. Mpls	PA4-1822
NY	Richard W C Barr	57 Oak St. Northport	MU2-5844
NC	Crotts & Saunders Eng	235 N. Main, Winston-Salem	PA4-0163
Ohio	Allen H Trimmer	3350 Secor Rd. Toledo	GR4-2151
Pa	Stanley R Holland	124 S. Easton Rd. Glenside	TU7-1822
Tex	Robco Sales Engineers	4525 Prentice St. Dallas	EM8-3338
Wash	R E Kunz Co	3026 1st Ave. S. Seattle	MA3-4949
Can	Philip B French Sales Ltd	5625 Mtn. Sights Ave. Montreal, Que	RE9-1362
•	**INDUSTRIAL TEST EQUIPMENT CO**	**55 E. 11th St, New York 3, NY**	**GR3-4684**
	M Schreibman #4 *30 D 328-365-455-895-1585		
Ala	Specialized Equipment Corp	P.O. Box 323, Cocoa Beach, Fla	CO3-3328
Ark	Southern Ind Electronics Inc	Exchange Pk, Box 35633, Dallas, Tex	FL2-3901
Cal	Landis Associates	1591 S. Robertson Blvd, L A 35, Cal	BR2-7538
Cal	Ellenjo Co	345 California Ave, Palo Alto, Cal	DA6-1656
Conn	Industron Co	300 Northern Blvd, Great Neck, NY	HU7-2620
Del	A & M Associates, Inc	1145 19th St NW, Washington 6, DC	FE8-5116
DC	A & M Associates, Inc	1145 19th St NW, Washington 6	FE8-5116
Fla	Specialized Equipment Corp	P.O. Box 323, Cocoa Beach, Fla	CO3-3328
Ga	Specialized Equipment Corp	P.O. Box 323, Cocoa Beach, Fla	CO3-3328
Ill	Loren F Green & Associates	5218 W. Diversey Ave, Chicago 39, Ill	PA5-6824
Ind	Loren F Green & Associates	5218 W. Diversey Ave, Chicago 39, Ill	PA5-6824
Iowa	Loren F Green & Associates	5218 W. Diversey Ave, Chicago 39, Ill	PA5-6824
La	Southern Ind Electronics Inc	Exchange Pk, Box 35633, Dallas, Tex	FL2-3901
Me	Industron Co	300 Northern Blvd, Great Neck, NY	HU7-2620
Md	A & M Associates, Inc	1145 19th St NW, Washington 6, DC	FE8-5116
Mass	Industron Co	8 Merrick St. Lowell	GL3-0562
Mich	J L Pearce Co	16666 James Couzens Hwy, Detroit 12	UN2-2571
Minn	Loren F Green & Associates	5218 W. Diversey Ave, Chicago 39, Ill	PA5-6824
Miss	Specialized Equipment Corp	P.O. Box 323, Cocoa Beach, Fla	CO3-3328
NH	Industron Co	300 Northern Blvd, Great Neck, NY	HU7-2620
NJ	Industron Co	300 Northern Blvd, Great Neck, NY	HU7-2620
NY	Industron Co	300 Northern Blvd, Great Neck	HU7-2620
NC	Specialized Equipment Corp	P.O. Box 323, Cocoa Beach, Fla	CO3-3328
Ohio	Thomco Electronic Co	Box 161, N Dayton Sta, Dayton	BE3-3551
Okla	Southern Industrial Electronics Inc	Exchange Pk, Box 35633, Dallas, Tex	FL2-3901
Pa	Thomco Electronic Co	Box 161, N Dayton Sta, Dayton, Ohio	BE3-3551
Pa	Industron Co	5358 Oxford Ave, Philadelphia 24	PI4-0553
RI	Industron Co	300 Northern Blvd, Great Neck, NY	HU7-2620
SC	Specialized Equipment Corp	P.O. Box 323, Cocoa Beach, Fla	CO3-3328
Tenn	Specialized Equipment Corp	P.O. Box 323, Cocoa Beach, Fla	CO3-3328
Tex	Southern Industrial Electronics Inc	Exchange Pk, Box 35633, Dallas	FL2-3901
Vt	Industron Co	300 Northern Blvd, Great Neck, NY	HU7-2620
Va	A & M Associates, Inc	1145 19th St NW, Washington 6, DC	FE8-5116
Wisc	Loren F Green & Associates	5218 W. Diversey Ave, Chicago 39, Ill	PA5-6824
Foreign	Linder International Corp	10 E. 40th St, New York 16, NY	MU5-6740
Canada	Electrodesign	716 Notre Dame St. W., Montreal, Que	UN6-7367
•	**INDUSTRIAL TIMER CORP**	**1407A McCarter Hwy, Newark 5, NJ**	**HU4-5600**
	G Gellen #7 *116 E 338-360-895-1460-1735-1810		
Ala	E C Raymond & Associates	1221 Arlington Ave, St. Petersburg, Fla	WA1-9735
Ala	E C Raymond & Assoc	Box 8215, St Petersburg 8, Fla	
Alas	C B Parsons Co	3028 First Ave, Seattle, Wash	MU2-6780
Ariz	E V Roberts & Associates	909 N. First St, Phoenix, Ariz	AL4-4864
Ark	Crockett-Sales Co	2204 Griffin St, Dallas, Tex	RI2-5764
Cal	E V Roberts & Associates	5068 W. Washington St, Los Angeles, Cal	WE8-2541
Cal	E V Roberts & Associates	508 Laurel, San Carlos, Cal	LY3-7878
Colo	Hyde Electronics Co	888 S. Logan St, Denver, Colo	WE6-3456
Conn	White Sales Co., Inc	35 Midstrum Rd, Berlin, Conn	BA4-3423
Del	Neudam-Bohaker & Co	Suburban Bldg Sta, Philadelphia, Pa	LO4-3194
DC	Neudam-Bohaker & Co	P.O. Box 3024, Alexandria, Va	TE6-6114
Fla	E C Raymond & Associates	1221 Arlington Ave, St. Petersburg, Fla	WA1-9735
Ga	E C Raymond & Associates	1221 Arlington Ave, St. Petersburg, Fla	WA1-9735
Hawaii	E V Roberts & Associates	5068 W. Washington Blvd, L A, Cal	WE8-2541
Idaho	C B Parsons Co	3028 First Ave, Seattle, Wash	MU2-6780
Ill	Hill-Gray Inc	41 1/2 Harrison St, Oak Park, Ill	ES8-7050
Ind	F C Valentine Inc	511 Ft. Wayne Bank Bldg, Ft. Wayne, Ind	AN9122
Iowa	Thunderbird Eng Sales & Service Inc	2826 Main St, Kansas City, Mo	WE1-9779
Kan	Thunderbird Eng Sales & Service Inc	6405 E Kellogg, Wichita	MU4-3941
Ky	F C Valentine Inc	511 Ft. Wayne Bank Bldg, Ft. Wayne, Ind	AN9122
La	Crockett-Sales Co	2204 Griffin St, Dallas, Tex	RI2-5764
Me	White Sales Co., Inc	945 Great Plain Ave, Needham, Mass	HI4-3676
Md	Neudam-Bohaker & Co	152 Brandon Rd, Baltimore, Md	VA5-5492
Mass	White Sales Co., Inc	945 Great Plain Ave, Needham, Mass	HI4-3676
Mich	Koehler-Pasmore	11833 Hamilton Ave, Detroit, Mich	TO8-3322
Minn	Klass Co	814 S. 9th St, Minneapolis, Minn	FE8-8247
Miss	E C Raymond & Associates	P.O. Box 8215, St. Petersburg, Fla	WA1-9735
Mo	Thunderbird Eng Sls & Serv	2826 Main St, Kansas City	WE1-9779
Mont	C B Parsons Co	3028 W. 34th St, Seattle, Wash	MU2-6780
Neb	Thunderbird Eng Sls & Serv., Inc	2826 Main St, Kansas City, Mo	WE1-9779
Nev	E V Roberts & Associates	5068 W. Washington Blvd, L A, Cal	WE8-2541
NH	White Sales Co., Inc	945 Great Plain Ave, Needham, Mass	HI4-3676
NM	Hyde Electronics Co	3206 Constitution Ave, N.E., Albuquerque	AM8-1111
NY	Welly B Swank Inc	2310 Bellevue Ave, Syracuse, NY	GR8-2141
NC	Barker Instrument & Machine Co	P.O. Box 335, Charlotte, NC	ED4-1227
ND	Klass Co	814 S. 9th St, Minneapolis, Minn	FE8-8427
Ohio	F C Valentine Inc	12417 Cedar St, Cleveland Heights, Ohio	FA1-3285
Okla	Lund & Co	2215 N. Olive St, Dallas, Tex	RI4-8539
Ore	C B Parsons Co	3028 First Ave, Seattle, Wash	MU2-6780
Pa	Neudam-Bohaker & Co	Suburban Sta Bldg, Philadelphia, Pa	LO4-3194
Pa	Russell F Clark Co	1400 Clark Bldg, Pittsburgh, Pa	AT1-8029
RI	White Sales Co., Inc	945 Great Plain Ave, Needham, Mass	HI4-3676
SC	Barker Instrument & Machine Co	Box 3598, Greenville, SC	GR5-5022
SD	Klass Co	814 S. 9th St, Minneapolis, Minn	FE8-8427
Tenn	E C Raymond & Associates	P.O. Box 8215, St. Petersburg, Fla	WA1-9735
Tex	Lund & Co	2215 N. Olive St, Dallas, Tex	RI4-8539
Utah	Hyde Electronics Co	2803 Connor St, Salt Lake City, Utah	IN7-5763
Vt	White Sales Co., Inc	945 Great Plain Ave, Needham, Mass	HI4-3675
Va	Neudam-Bohaker & Co	P.O. Box 3024, Alexandria, Va	TE6-6114
Wash	C B Parsons Co	3028 First Ave, Seattle, Wash	MU2-6780
W. Va	Russell F Clark	1400 Clark Bldg, Pittsburgh, Pa	AT1-8029
Wisc	Hill-Gray Inc	41 1/2 Harrison St, Oak Park, Ill	ES8-7050
Wyo	Hyde Electronics Co	888 S. Logan St, Denver 23, Colo	WE6-3456
Canada	E W Playford Ltd	5851 Upper Lachine Rd, Montreal, Canada	HU9-5393
Foreign	Bush International	Box 45, Brookdale Sta, Bloomfield, NJ	
	INDUSTRIAL TRANSFORMER CORP	**Box 656, W. Caldwell, NJ**	**CA8-0910**
	S Lundy #6 *220 E 320-670-895-1420-1645-1855		
Cal	Lloyd E West Co	262 S. Los Robles Ave. Pasadena	MU1-5281
Fla	Chris Stroll	P.O. Box 1346, Orlando, Fla	GA2-7242
Md	Sam Lundy	224 Wickford Rd. Havertown, Pa	HI6-5741
Mass	Johnson Assoc	81 Merrimack St. Lowell	CA6-5590
NJ	Sam Lundy	224 Wickford Rd. Havertown, Pa	HI6-5741
Pa	Sam Lundy	224 Wickford Rd, Havertown, Pa	HI6-5741
RI	Johnson Assoc	81 Merrimack St. Lowell, Mass	CA6-5590
Vt	Johnson Assoc	81 Merrimack St. Lowell, Mass	CA6-5590
W. Va	Sam Lundy	224 Wickford Rd, Havertown, Pa	HI6-5741
•	**INDUSTRIAL WINDING MACHINERY CORP**	**Box 744, Church St. Sta, New York 8, NY**	**CO7-2425**
	895-1075-1775-1975		
Mo	Service Supply Co	640 Atlanta Ave, Webster Groves, Mo	WO1-7688
Tex	R A Mayes Co	Box 3344, El Paso, Tex	LY8-2982
	INDUSTRO TRANSISTOR CORP	**35-10 36th Ave, L I City 6, NY**	**EX2-8000**
	S Ostfeld #8 *150 D 1860		
Ala	Floyd Fausett & Co	209 78 St, N. Birmingham, Ala	VE6-5802
Ariz	Carl Hower & Co	369 N. Craftsman's Ct. Scottsdale	WH5-2471
Ark	George E Harris & Co. Inc	3527 Broadway, KC, Mo	WE1-4884
Cal	C B Ellis Sales Co	2310 El Camino Real, Mountain View, Cal	YO7-5531
Colo	Hyde Electronics Co	888 S. Logan St, Denver 23, Colo	WE6-3456
Fla	Components Sales Corp	Box 178, N. Miami Beach 62	WI5-7721
Ga	Floyd Fausett & Co	777 Pinehurst Ter, S.W., Atlanta 10, Ga	PL3-3104
Ill	Harry W Gebhard Co	5129 W. Devon Ave, Chicago 46	RO3-3636
Ind	Harry W Gebhard Co	5129 W Devon Ave, Chicago 46, Ill	RO3-3636
Iowa	George E Harris & Co. Inc	577 Merchants Natl. Bank, Cedar Rapids	EM2-6302
Kan	George E Harris & Co. Inc	2522 E. Douglas Ave, Wichita	MU2-2731
Mass	V J Huntoon Co	308 Belmont Ave, Springfield 8, Mass	ST8-8516
Minn	Ray Ripley & Assoc	7222 James Ave. S. Mpls 23	UN6-8682
Mo	George E Harris & Co. Inc	3527 Broadway, KC	WE1-4684
Mo	George E Harris & Co. Inc	Old National Guard Hangar, Hazelwood	PE1-6848
Neb	George E Harris & Co. Inc	Merchants Bank Bldg, Cedar Rpds, Iowa	EM2-6302
NJ	Ray Lawson	8 N. Lincoln Ave, Wenonah, NJ	UL7-0089
NJ	S A Shaw Co. Inc	361 Central Park Ave, Yonkers, NY	
NM	Hyde Electronics Co	3206 Constitution Ave, N.E., Albuquerque	AM8-1111
NY	S A Shaw Co. Inc	361 Central Park Ave, Yonkers	
NY	E W Stone Co	308 Merritt Ave, Syracuse 7, NY	HO9-3925
ND	Ray Ripley & Assoc	7222 James Ave. S. Mpls 23, Minn	UN6-8682
Ohio	Robert R Stone & Assoc	1925 Lee Rd. Cleve Hts 18	
Okla	George E Harris & Co. Inc	1345 W. Hurst Blvd, Hurst, Tex	AT4-0551
Pa	Ray Lawson	8 N. Lincoln Ave, Wenonah, NJ	UL7-0089
Pa	Robert R Stone & Assoc	1925 Lee Rd. Cleve Hts 18, Ohio	ER1-4484
SC	Floyd Fausett & Co	Stone Point, Greenwood, SC	GL1-2597
SD	Ray Ripley & Assoc	7222 James Ave. S. Mpls 23, Minn	UN6-8682
Tex	George E Harris & Co. Inc	1345 W. Hurst Blvd, Hurst	AT4-0551
Utah	Hyde Electronics Co	2803 Connor St, Salt Lake City 9, Utah	IN7-5763
Wash	Ray Johnston Co	1011 E. 49 St, Seattle 15, Wash	LA4-5170
W Va	Robert R Stone & Assoc	1925 Lee Rd, Cleve Hts 18, Ohio	
Wis	Harry W Gebhard Co	5129 W. Devon Ave, Chicago 46, Ill	RO3-3636
	INDUSTRON CORP	**55 Needham St. Newton Hghlnds. Mass**	**DE2-1477**
	#4 *40 C 820-1855		
	INERTIA SWITCH INC	**311 W. 43rd St, New York 36, NY**	**JU6-5880**
	E Cherkey #4 *25 B 15-35		
Ariz	Joe Davidson Associates	Box 108, South Gate, Cal	NE6-2245
Cal	Joe Davidson Associates	Box 108, South Gate, Cal	NE6-2245
Colo	Ruehle Sales Co	465 S. Lewiston St, Denver	DU8-3125
Conn	Bordewieck Engineering Sales Co	221 Grove St, Braintree, Mass	VI3-0845
DC	Charles Lieman Co	9427 Georgia Ave, Silver Spring, Md	JU7-5498
Fla	Emmett Rushin Co	786 Mimosa Blvd, Roswell, Ga	CE7-2971
Ga	Emmett Rushin Co	786 Mimosa Blvd, Roswell, Ga	CE7-2971
Kan	Southern Industrial Electronics	P.O. Box 9814, Dallas, Tex	FL2-3901
Me	Bordewieck Engineering Sales Co	221 Grove St, Braintree, Mass	VI3-0845
Md	Technicraft	6222 Ridge Ave, Philadelphia 28, Pa	IV2-2123
Mass	Bordewieck Engineering Sales Co	221 Grove St, Braintree, Mass	VI3-0845
Mo	Southern Industrial Electronics	Box 9814, Dallas, Tex	FL2-3901
Nev	Joe Davidson Associates	Box 108, South Gate, Cal	NE6-2245
NH	Bordewieck Engrg Sales Co	221 Grove St, Braintree, Mass	VI3-0845
NM	Joe Davidson Associates	Box 108, South Gate, Cal	NE6-2245
NY	Central Associates	79 Ranch Ln, Levittown, NY	DE5-4783
NC	Emmett Rushin Co	786 Mimosa Blvd, Roswell, Ga	CE7-2971
Ohio	Robert K Deane Associates	10005 Chippewa Rd, Brecksville, Ohio	JA6-4317
Okla	Southern Industrial Electronics	Box 9814, Dallas, Tex	FL2-3901
RI	Bordewieck Engineering Sales Co	221 Grove St, Braintree, Mass	VI3-0845
SC	Emmett Rushin Co	786 Mimosa Blvd, Roswell, Ga	CE7-2971
Tenn	Emmett R Rushin Co	786 Mimosa Blvd, Roswell, Ga	CE7-2971
Tex	Joe Davidson Associates	Box 108, South Gate, Cal	NE6-2245
Vt	Bordewieck Engineering Sales Co	221 Grove St, Braintree, Mass	VI3-0845
For	Inertia Switch Ltd	46 Kingsway, London WC 2, England	
Foreign	Inertia Switch Ltd	Victoria Rd, Burgess Hill, Sussex, England	
	INFRARED INDUSTRIES, INC	**62 4th Ave. Waltham, Mass.**	**TW3-5400**
	B Page #15 *140 E 805		
Cal	Infrared Standards Lab	10555 Magnolia Ave, Riverside, Cal	
•	**INGERSOLL PRODS. DIV. OF BORG-WARNER CORP**	**1000 W. 120th St. Chicago, Ill**	**CO4-7000**
	D James #6 *600 180-1390-1620		
Ala	W A Brown & Assoc. Inc	3405 Lookout Dr. SE Huntsville	JE6-8393
Ariz	Hytronic Measurements Inc	1017 N. 3rd St. Phoenix	AL3-7452
Cal	Van Groos Co	21051 Costanso St. Woodland Hills	DI0-3131
Colo	Hytronic Measurements Inc	1295 S. Bannock St. Denver	PE3-3701
Conn	Technical Instruments Inc	201 Fairfield Ave. Bridgeport	FO8-4592
Del	W A Brown & Assoc. Inc	3610 Mount Vernon Ave. Alexandria, Va	TE6-1800
DC	W A Brown & Assoc. Inc	3610 Mount Vernon Ave. Alexandria, Va	TE6-1800
Fla	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City	AM7-0411
Ga	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Idaho	Hytronic Measurements Inc	2022 S. Main St. Salt Lake City, Utah	IN6-4924
Ill	Hugh Marsland Co. Inc	6699 Lincoln Ave. Chicago	OR6-1100
Ind	Hugh Marsland Co. Inc	6730 E. 19th St. Indpls	FL6-4249
Iowa	Hugh Marsland Co. Inc	6699 Lincoln Ave. Chicago, Ill	OR6-1100
Kan	Harris-Hanson Co	7916 Paseo St. KC, Mo	HI4-9494
Ky	Hugh W Marsland Co. Inc	6699 Lincoln Ave. Chicago, Ill	OR6-1100
Me	Technical Instruments Inc	90 Main St. Boston, Mass	RE2-3930
Md	W A Brown & Assoc. Inc	110 E. Pennsylvania Ave. Towson	VA3-5660
Mass	Technical Instruments Inc	90 Main St. Reading	RE2-3930
Mich	S Sterling Co	15310 W. McNichols Rd. Detroit	BR3-2400
Minn	Hugh Marsland Co. Inc	231 N. Edgewood Ave. Mpls	LI5-4481
Miss	W A Brown & Assoc. Inc	3405 Lookout Dr. SE Huntsville, Ala	JE6-8393
Mo	Harris-Hanson Co	2814 S. Brentwood Blvd. St. Louis	MI7-4350
Mont	Hytronic Measurements Inc	2022 S. Main St. Salt Lake City, Utah	IN6-4924
Neb	Harris-Hanson Co	2814 S. Brentwood Blvd. St. Louis, Mo	MI7-4350
NH	Technical Instruments Inc	90 Main St. Reading, Mass	RE2-3930
NJ	Kenneth E Hughes Co. Inc	4808 Bergenline Ave. Union City	UN7-3204
NM	Hytronic Measurements Inc	211 Sierra, SE Albuquerque	AL5-0669
NY	Kenneth E Hughes Co. Inc	4808 Bergenline Ave. Union City, NJ	UN7-3204
NC	W A Brown & Assoc. Inc	1707 Princeton St. SW Winston Salem	PA5-5384
ND	Hugh W Marsland Co	6699 Lincoln Ave. Chicago, Ill	OR6-1100
Ohio	S Sterling Co	5527 Mayfield Rd. Cleve	HI2-8080
Ohio	S Sterling Co	3300 S. Dixie Dr. Dayton	AX5-7573
Okla	John A Green Co	7118 Envoy Ct. Dallas 7, Tex	FL1-9947
Ore	N R Schultz Co	4227 Airport Way, Seattle, Wash	MA4-8650
Pa	Kenneth E Hughes Co	101 N. 33rd St. Phila	EV6-3130
Pa	S Sterling Co	4232 Brownsville, Pittsbgh	TU4-5515
RI	Technical Instruments Inc	90 Main St. Reading, Mass	RE2-3930
SC	W A Brown & Assoc	1707 Princeton St. Winston Salem, NC	PA5-5384
SD	Hugh Marsland Co	6699 Lincoln Ave. Chicago, Ill	OR6-1100
Tenn	W A Brown & Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Tex	John A Green Co	7118 Envoy Ct. Dallas	FL1-9947
Utah	Hytronic Measurements Inc	2022 S. Main St. Salt Lake City	IN6-4924
Vt	Technical Instruments Inc	90 Main St. Reading, Mass	RE2-3930
Va	W A Brown & Assoc. Inc	3610 Mount Vernon Ave. Alexandria	TE6-1800
Wash	N R Schultz Co	4227 Airport Way, Seattle	MA4-8650
W Va	W A Brown & Assoc	3610 Mount Vernon Ave. Alexandria, Va	TE6-1800
Wis	Hugh Marsland Co	6699 Lincoln Ave. Chicago, Ill	OR6-1100
Wyo	Hytronic Measurements Inc	1295 S. Bannock St. Denver 23, Colo	PE3-3701
Can	Brian Eng. Ltd	5275 Van Horne Ave. Montreal, Que	RE7-2800
	INGRAHAM CO	**392 Maine St. Bristol, Conn**	**LU2-6321**
	H Reycroft #25 *1200 G 1165-1810		
	INJECTORALL CO	**6 Bay 50th St. Brooklyn 14, NY**	**ES3-1876**
	E Wellman *2 A 265-315		
Ariz	Wallace & Wallace	1206 Maple Ave, Los Angeles 15, Cal	
Ark	Lloyd C Cole Co	P.O. Box 504, Denton, Tex	
Cal	Wallace & Wallace	1206 Maple Ave, Los Angeles 15, Cal	
Conn	Near Inc	99 Highland Ave, Somerville 43, Mass	
Del	J F Anderson Co	300 Belle View Blvd, Alexandria, Va	
DC	J F Anderson Co	300 Belle View Blvd, Alexandria, Va	
Idaho	A C McMillan Co	10111 S.W. 63rd Ave, Portland 19, Ore	
Ill	Samuel J Wiley Co	2080 W. Birchwood Ave, Chicago 45, Ill	
Ill	Jack Kelley Sales Co	972 N. Geyer Rd, Kirkwood 22, Mo	
Ind	Moore Sales Co	401 Margaret W., Detroit 3, Mich	
Iowa	George Kangas Sales Co	10506 W. 89th St, Overland Park, Kan	
Kan	George Kangas Sales Co	10506 W. 89th St, Overland Park, Kan	
Ky	Fred A Rosenwasser Sales	13701 Cedar Rd, S. Euclid 18, Ohio	
La	Lloyd C Cole Co	P.O. Box 504, Denton, Tex	
Me	Near Inc	99 Highland Ave, Somerville 43, Mass	
Md	J F Anderson Co	300 Belle View Blvd, Alexandria, Va	
Mass	Near Inc	99 Highland Ave, Somerville 43, Mass	
Mich	Moore Sales Co	401 Margaret W., Detroit 3, Mich	
Minn	Bonament Heyda	6101 Auto Club Rd, Minneapolis 20, Minn	
Mo	George Kangas Sales Co	10506 W. 89th St, Overland Park, Kan	
Mont	A C McMillan Co	10111 S.W. 63rd Ave, Portland 19, Ore	
Neb	George Kangas Sales Co	10506 W. 89th St, Overland Park, Kan	
Nev	Wallace & Wallace	1206 Maple Ave, Los Angeles 15, Cal	
NH	Near Inc	99 Highland Ave, Somerville 43, Mass	
NJ	Samuel Wellman	3021 Ave I, Brooklyn 10, NY	ES7-7735
NY	Samuel Wellman	3021 Ave I, Brooklyn 10, NY	ES7-7735
NY	L J McTaggart	3053 Main St, Buffalo 14, NY	
ND	Bonament Heyda	6101 Auto Club Rd, Minneapolis 20, Minn	
Ohio	Fred A Rosenwasser Sales Co	13701 Cedar Rd, S. Euclid 18, Ohio	
Okla	Lloyd C Cole Co	P.O. Box 504, Denton, Tex	
Ore	A C McMillan Co	10111 S.W. 63rd Ave, Portland 19, Ore	
Pa	Fred A Rosenwasser Sales Co	13701 Cedar Rd, S. Euclid 18, Ohio	
Pa	J F Anderson Co	300 Belle View Blvd, Alexandria, Va	
RI	Near Inc	99 Highland Ave, Somerville 43, Mass	
SD	Bonament Heyda	6101 Auto Club Rd, Minneapolis 20, Minn	
Tex	Lloyd C Cole Co	P.O. Box 504, Denton, Tex	
Vt	Near Inc	99 Highland Ave, Somerville 43, Mass	
Va	J F Anderson Co	300 Belle View Blvd, Alexandria, Va	
Wash	A C McMillan Co	10111 S.W. 63rd Ave, Portland 19, Ore	
W. Va	Fred A Rosenwasser Sales Co	13701 Cedar Rd, S. Euclid 18, Ohio	
Wisc	Samuel J Wiley Co	2080 W. Birchwood Ave, Chicago 45, Ill	
Can	Goldstein Agencies	23 Neptune Dr. Toronto 19, Ont.	
	INLAND ELECTRONICS CORP	**500 Rathbone Ave, Aurora, Ill**	**TW6-7744**
	A Stubing #6 *75 E 895		

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES	TEL. NO.
•	**INLAND MOTOR CORP. OF VA** — 347 King St. Northampton, Mass	JU4-0280
	J Hewlett #10 *160 E 895-915-1165	
Ala	E C Raymond Assoc — Box 8215, St Petersburg, Fla	WA1-9773
Ariz	Costello & Co — 2740 S. LaCienega Blvd. LA, Cal	UP0-8537
Ark	N S Brown Assoc — 5852 Boca Raton Dr. Dallas, Tex	EM3-3698
Cal	Costello & Co — 2740 S. LaCienega Blvd. LA	UP0-8537
Colo	Duane Assoc — 10669 Carrol Ln. Denver	
Conn	R H Whitehead Jr. & Assoc — 57 Whitfield St. Guilford	GL3-3762
Fla	E C Raymond & Assoc — Box 8215, St. Petersburg	WA1-9773
Ga	E C Raymond & Assoc — Box 8215, St. Petersburg, Fla	WA1-9773
Idah	Duane Assoc — 10669 Carrol Ln. Denver, Colo	
Ill	Carlson Electronic Sales — 6677 N. NW Hwy, Chicago	SP4-0277
Ind	Carlson Electronic Sales — 6677 N. NW Hwy. Chicago, Ill	SP4-0277
Iowa	Carlson Electronic Sales — 6677 N. NW Hwy. Chicago, Ill	SP4-0277
Kan	N S Brown Assoc — 5852 Boca Raton Dr. Dallas, Tex	EM3-3698
La	N S Brown Assoc — 5852 Boca Raton Dr. Dallas, Tex	EM3-3698
Me	R H Whitehead & Assoc — 2 Brimmer St. Boston, Mass	CA7-2590
Mass	R H Whitehead Jr. & Assoc — 2 Brimmer St. Boston	CA7-2590
Minn	Fred Peterson & Co — 2431 Hennepin Ave. Mpls	FR7-3025
Mo	N S Brown Assoc — 5852 Boca Raton Dr. Dallas 30, Tex	EM3-3698
NJ	Bradley Assoc — 9 Dash Pl. NY 63, NY	KI9-8500
NM	Duane Assoc — 10669 Carrol Ln. Denver, Colo	
NY	Bradley Assoc — 9 Dash Pl. NY 63	KI9-8500
NY	L L Schley Corp — Box 214, DeWitt	GI6-1642
NC	E C Raymond Assoc — Box 8215, St Petersburg, Fla	WA1-9773
Ohio	Kilroy & Whelan Corp — 2801 Far Hills Ave. Dayton	AX3-2603
Okla	N S Brown Assoc — 5852 Boca Raton Dr. Dallas 30, Tex	EM3-3698
Pa	Kilroy & Whelan Corp — 10 N. Main St. Chagrin Falls, Ohio	CH7-4032
SC	E C Raymond Assoc — Box 8215, St Petersburg, Fla	WA1-9773
Tenn	E C Raymond Assoc — Box 8215, St Petersburg, Fla	WA1-9773
Tex	N S Brown Assoc — 5852 Boca Raton Dr. Dallas 30	EM3-3698
Wis	Carlson Electronic Sales — 6677 N. NW Hwy. Chicago, Ill	SP4-0277
Wyo	Duane Assoc — 10669 Carrol Ln. Denver, Colo	
For	Teknis — Plainville, Mass	MY9-4707
	INSCO CO. DIV. BARRY WRIGHT CORP — Main St. Groton, Mass	GI8-6349
	535-895	
Cal	Barry Wright Corp — 1400 N. Flower St. Glendale	CH5-6651
Ill	The Barrymount Corp — 7029 W. Grand Ave, Chicago, Ill	NA2-5250
Mich	The Barrymount Corp — 19401 E. Warren Ave, Detroit, Mich	
NY	E N A Inc — 340 Great Neck Rd, Great Neck, NY	HU2-5520
Ohio	The Barrymount Corp — 39 N. Torrence St, Dayton, Ohio	CL4-1311
	INSL-X PRODUCTS CORP — 115 Woodworth Ave, Yonkers, NY	YO8-2828
	W Meyer #2 *20 30-315-1240-1930	
Alaska	Don Firrow — 3753 Brooklyn Ave, Seattle, Wash	
Ark	Tom Spivey Co — 7547 Winterdam, Houston 17, Tex	MI9-1221
Cal	Uni Tech — 6715 Hollywood Blvd, Hollywood 28	
Fla	Blake Products — Orlando, Fla	
Fla	L E Bernhart — 1001 Gunn Rd, Jacksonville, Fla	RA4-0987
Ill	Royal A Stern — 21 E. Van Buren St, Chicago, Ill	WE9-4840
Kan	Midwest Products — P.O. Box 419, Oklahoma City, Okla	
La	Tom Spivey Co — 7547 Winterdam, Houston 17, Tex	MI9-1221
Me	Gyson Associates — 12 Foster Rd, Waltham, Mass	WA2-5770
Mass	Earl Opdyke — 13 Emerson Ave, Brookline, Mass	WA2-5770
Mass	Gyson Associates — 12 Foster Rd, Waltham, Mass	WA2-5770
Minn	R A Stern — 21 E. Van Buren St, Chicago, Ill	WE9-4840
Nev	George B Ellis — 2136 El Camino Real, Mt. View, Cal	DA1-3100
NH	Gyson Associates — 12 Foster St, Waltham, Mass	WA2-5770
NJ	Harry Jacobson — 235 Lyons Ave, Newark, NJ	LO2-7182
NJ	Larry Tufts — 11 Sunnyside Rd, Ossining, NY	WI1-4161
NY	Larry Tufts — 13 Sunnyside Rd, Ossining, NY	
NY	Jack Burr — 25 Baker Rd, Gloversville, NY	
Ohio	Midwest Sales Co — 3219 W. 117th St, Cleveland, Ohio	
Okla	Midwest Products Co — P.O. Box 419, Oklahoma City, Okla	
Okla	Tom Spivey Co., Inc — 7547 Winterdam, Houston 17, Tex	MI9-1221
Ore	Don Firrow — 3753 Brooklyn Ave, Seattle, Wash	
Pa	McLaughlin & Gough — P.O. Box 43, Oreland, Pa	TU7-7205
RI	Gyson Associates — 12 Foster St, Waltham, Mass	WA2-5770
Tenn	W E Edmundson — P.O. Box 38, Powell, Tenn	
Tex	Tom Spivey Co., Inc — 7547 Winterdam, Houston 17, Tex	MI9-1221
Vt	Gyson Associates — 12 Foster St, Waltham, Mass	WA2-5770
Wash	Don Firrow — 3753 Brooklyn Ave, Seattle, Wash	
Wash	R G Brooks — 102 S. Dawes, Kennewick, Wash	
Wisc	R A Stern — 21 E. Van Buren St, Chicago, Ill	WE9-4840
Canada	O Biedermann & Co — 2435 Lucien Rd, Montreal, Canada	
Canada	Paul Gervais — 9120 Blvd St. Laurent, Montreal, Canada	
	INSO ELECTRONIC PRODUCTS INC — 1200 Commerce Ave, Union, NJ	MU6-4258
	V Howell #2 *30 C 190-1290-1960-1985	
Ariz	Rush & Key Electronics — 3376 W. 1st St. LA, Cal	DU8-7111
Cal	Logan & Stone — 1485 Bayshore Blvd, San Francisco, Cal	DE4-1200
Cal	Rush & Key Electronics — 3376 W. 1st St. LA	DU8-7111
Conn	Frank Welling — 900 Statler Office Bldg. Boston 16, Mass	HA6-2248
Del	Potomac Electronics — 604 Montgomery St. Alexandria, Va	TE6-1630
DC	Potomac Electronics — 604 Montgomery St. Alexandria, Va	TE6-1630
Fla	John F Watties — 7210 Red Rd. Miami 43	MO5-3574
Idah	N R Schultz Co — 4227 Airport Way, Seattle 8, Wash	MA4-8650
Ill	Lightner Associates — 6322 N. Milwaukee Ave, Chicago, Ill	SP4-1500
Ind	Lightner Associates — 6322 N. Milwaukee Ave, Chicago, Ill	SP4-1500
Me	Frank Welling — 900 Statler Office Bldg. Boston 16, Mass	HA6-2248
Md	Potomac Electronics — 604 Montgomery St. Alexandria, Va	TE6-1630
Mass	Frank Welling — 900 Statler Office Bldg. Boston 16	HA6-2248
Mich	Lightner Assoc — 6322 N. Milwaukee Ave. Chicago 46, Ill.	SP4-1500
Minn	Lightner Assoc — 6322 N. Milwaukee Ave. Chicago 46, Ill.	SP4-1500
Nev	Rush & Key Electronic — 3376 W. 1st St. LA, Cal	DU8-7111
Nev	Logan & Stone — 1485 Bayshore Dr. SF, Cal	DE4-1200
NH	Frank Welling — 900 Statler Office Bldg. Boston, Mass	HA6-2248
NJ	Packard Engineering Inc — 300 Northern Blvd, Great Neck, NY	HU2-4678
NY	Packard Engineering Inc — 300 Northern Blvd, Great Neck, NY	HU2-4678
Ohio	Allen Vece Co — 7601 Parkview Rd, Brecksville, Ohio	JA6-4324
Okla	Kemp Engineering Co — P.O.Box 13751, Dallas, Tex	FL7-6463
Ore	N R Schultz Co — 4227 Airport Way, Seattle 8, Wash	MA4-8650
Pa	Allen Vece Co — Brecksville 41, Ohio	JA6-4323
RI	Frank Welling — 900 Statler Office Bldg. Boston 16, Mass	HA6-2248
Tex	Grayco Supply Co — 1117 Miller St, Ft. Worth	JE4-4191
Vt	Frank Welling — 900 Statler Office Bldg. Boston 16, Mass	HA6-2248
Va	Potomac Electronics — 604 Montgomery St. Alexandria	TE6-1630
Wash	N R Schultz Co — 4227 Airport Way, Seattle 8	MA4-8650
W Va	Potomac Electronics — 604 Montgomery St. Alexandria, Va	TE6-1630
Wis	Lightner Assoc — 6322 N. Milwaukee Ave. Chicago 46, Ill.	SP4-1500
	INSTROL INC — 135 E. Dela Guerra, Santa Barbara, Cal	WO5-1691
	880-895-1330-1745-1850-1855	
Cal	Electro-Mechanical Instruments — 4976 Eagle Rock Blvd, Los Angeles 41	CL4-2841
Colo	Bonnell Associates — 1170 E. Sheridan Blvd, Denver, Colo	BE5-4646
Fla	Perrot Associates — 1224 E. Colonial Dr, Orlando, Fla	GA4-5744
Mass	General Measurements Co., Inc — 1112 Beacon St, Newton Highlands, Mass	WO9-9150
Mo	Design & Sales Engineering Co — 7503 Forsyth Blvd, St. Louis 5, Mo	PA1-6401
NY	Trevco Associates — 146-01 Hillside Ave, Jamaica 35, NY	OL7-3630
Ohio	Fred R Sharp Co — 2178 Lee Rd, Cleveland 18, Ohio	FA1-4200
Pa	Fred F Bartlett Co — 18 West Ave, Wayne, Pa	MU8-7325
Foreign	Controls & Instruments Co — 15 E. 40th St, New York 16, NY	MU5-5231
	INSTRU-LEC CORP — 520 Homestead Ave, Mt. Vernon, NY	MO8-3754
	#2 *54 D 205-755	
	INSTRUMENT CONTROL CO — 2309 Snelling Mpls 4, Minn	PA1-5335
	C Larsen #6 *40 A 360	
Ariz	Cassimus Co — 2703 W. Valley Blvd. Alhambra, Cal	CU3-6605
Cal	Cassimus Co — 651 Folsom St. SF	GA1-5941
Cal	Cassimus Co — 2703 W. Valley Blvd. Alhambra	CU3-6605
Colo	Cassimus Co — 2703 W. Valley Blvd. Alhambra, Cal	CU3-6605
Del	K Wm Ostrom & Co. Inc — 333 Shadeland Ave. Drexell Hills, Pa	CL9-1103
DC	K Wm Ostrom & Co. Inc — 333 Shadeland Ave. Drexell Hills, Pa	CL9-1103
Ill	Stanco Welder & Machinery Co — 9 S. Clinton St. Chicago 6	RA6-5265
Ind	Stanco Welder & Machinery Co — 9 S. Clinton St. Chicago 6, Ill	RA6-5265
Iowa	Stanco Welder & Machinery Co — 9 S. Clinton St. Chicago 6, Ill	RA6-5265
Me	Resistance Welding Accessories — 17 E. 70th St. NY 21, NY	SU7300
Md	K Wm Ostrom & Co — 333 Shadeland Ave. Drexell Hills, Pa	CL9-1103
Mass	Resistance Welding Accessories — 17 E. 70th St. NY 21, NY	SU7300
Mich	Myron Zucker Eng. Co — 708 W. Long Lake Rd. Bloomfield Hills	TR5-5300
Mo	Correll Eng. Co — 4378 Lindell Blvd. St. Louis 8	OL2-0667
Mont	Cassimus Co — 651 Folsom St. SF, Cal	GA1-5941
Nev	Cassimus Co — 2703 W. Valley Blvd. Alhambra, Cal	CU3-6605
NH	Resistance Welding Accessories — 17 E. 70th St. NY 21, NY	SU7300
NJ	K Wm Ostrom Co — 333 Shadeland Ave. Drexell Hills, Pa	CL9-1103
NM	Cassimus Co — 2703 W. Valley Blvd. Alhambra, Cal	CU3-6605
NY	Mills Welding Supply — 118 E. Utica St. Buffalo	
NY	Resistance Welding Accessories — 17 E. 70th St. NY 21	
Ohio	Sen-Trol Inc — 2115 E. 55th St. Cleve	SW1-2180
Ore	Cassimus Co — 651 Folsom St. SF, Cal	GA1-5941
Pa	K Wm Ostrom & Co. Inc — 333 Shadeland Ave. Drexell Hills	CL9-1130
RI	Resistance Welding Accessories — 17 E. 70th St. NY 21, NY	
Vt	Resistance Welding Accessories — 17 E. 70th St. NY 21, NY	
Va	K Wm Ostrom & Co. Inc — 333 Shadeland Ave. Drexell Hills, Pa	CL9-1103
Wash	Cassimuss Co — 651 Folsom St. SF, Cal	GA1-5941
W Va	K Wm Ostrom & Co. Inc — 333 Shadeland Ave. Drexell Hills, Pa	CL9-1103
Wis	Machinery & Welding Corp — 3523 W. National Ave. Milwaukee	MI5-1790
Wyo	Cassimus Co — 651 Folsom St. SF, Cal	GA1-5941
	INSTRUMENT CORP OF AMERICA — 516 Glenwood Ave. Baltimore 12, Md	ID3-7888
	R Glucksman #3 *4 A 895	
Md	Whitcomb Associates — 730 Dumbarton Rd. Baltimore 10	TU9-1245
Mass	C R Sweeney Co., Inc — 335 Newbury St. Boston 15	KE6-5613
Mass	J M Lancaster Co — 65 Concord St. Framingham	TR3-8893
Mich	Electro-Motion — 4012 E 9 Mile Rd. Warren	JE9-1420
NJ	Fluid Controls — 646 Anderson Ave. Cliffside Park	WH3-1793
NY	Rover Associates — 175 Willow St. Garden City	PI1-3011
Va	Drue Jewett — P O Box 9056, Richmond 25	MI8-6052
	INSTRUMENT CORP. OF FLA — Box 1226, Melbourne, Fla	PA3-8112
	W Congdon #10 *100 E 195-200-260-338-360-895-1120-1425-1585-1810	
Ariz	Space Data Corp — 8921 Sepulveda Ave. LA, Cal	OR8-6279
Cal	Space Data Corp — 8921 Sepulveda Ave. LA	OR8-6279
Colo	Space Data Corp — 8921 Sepulveda Ave. LA, Cal	OR8-6279
Del	F R Jordan Inc — 4922 St. Elmo Ave. Bethesda 14, Md	
DC	F R Jordan Inc — 4922 St. Elmo Ave. Bethesda 14, Md	
Fla	Melco — 111 5th Ave. Melbourne	
Ga	Melco — 111 5th Ave. Melbourne, Fla	
Idah	Space Data Corp — 8921 Sepulveda Ave. LA, Cal	OR8-6279
Md	F R Jordan Inc — 4922 St. Elmo Ave. Bethesda 14	
Nev	Space Data Corp — 8921 Sepulveda Ave. LA, Cal	OR8-6279
NJ	Tex-Sel Inc — 54 Rt. 17, Paramus	
NY	Tex-Sel Inc — 54 Rt. 17, Paramus, NJ	
Ore	Space Data Corp — 8921 Sepulveda Ave. LA, Cal	OR8-6279
Pa	Tex-Sel Inc — 54 Rt. 17, Paramus	
Tenn	Melco — 111 5th Ave. Melbourne, Fla	
Utah	Space Data Inc — 8921 Sepulveda Ave. LA, Cal	OR8-6279
Wash	Space Data Inc — 8921 Sepulveda Ave. LA, Cal	OR8-6279
•	**INSTRUMENT DEV. LABS. INC** — 67 Mechanic St. Attleboro, Mass	CA2-3800
	F Gerring #28 *190 E 330-338-845-1735	
Ala	Vanguard Assoc — 1312 Palm Ave. Melbourne, Fla	PA3-3074
Ariz	Weightman & Associates — 4029 Burbank Blvd, Burbank, Cal	VI9-2435
Cal	Weightman & Associates — 4029 Burbank Blvd, Burbank, Cal	VI9-2435
Cal	Weightman & Associates — 1476 El Camino Real, Menlo Park, Cal	DA6-3797
Del	Ten Eyck & Jimmel Inc — 1624 Eye St. NW. Wash, DC	ST3-3453
DC	Ten Eyck & Jimmel Inc — 1624 Eye St. NW. Wash	ST3-3453
Fla	Vanguard Assoc — 1312 Palm Ave. Melbourne	PA3-3074
Ga	Vanguard Assoc — 1312 Palm Ave. Melbourne, Fla	PA3-3074
Ill	Instrument Dev. Labs. Inc — Box 62, Chicago Hts	SK5-8494
Ind	Instrument Dev. Labs. Inc — Box 62, Chicago Hts, Ill	SK5-8494
Iowa	Instrument Dev. Labs Inc — Box 62, Chicago Hts, Ill	SK5-8494
Md	Ten Eyck & Jimmel Inc — 1624 Eye St. NW. Wash, DC	ST3-3453
Minn	L F Murphy & Assoc Inc — 1940 Hennepin Ave. Mpls	FR4-2351
Miss	Vanguard Assoc — 1312 Palm Ave. Melbourne, Fla	PA3-3074
Mo	Instrument Dev. Labs. Inc — Box 62, Chicago Hts, Ill	SK5-8494
NJ	Franklin & Andrews — 43 Kent Rd. Tenafly	LO9-0880
NM	R E McClendon Co — 915 Yale Blvd, S.E., Albuquerque, NM	CH3-4551
NY	Franklin & Andrews — 43 Kent Rd. Tenafly, NJ	LO9-0880
NC	Vanguard Assoc — 1312 Palm Ave. Melbourne, Fla	PA3-3074
Ohio	Instrument Dev. Labs. Inc — 14237 Detroit Ave. Cleve	AC1-5716
Okla	R E McClendon Co — 915 Yale Blvd, S.E., Albuquerque, NM	CH3-4551
Ore	N R Schultz Co — 4227 Airport Way, Seattle, Wash	MA4-8650
Pa	Ten Eyck & Jimmel Inc — 1624 Eye St. NW. Wash, DC	ST3-3453
Pa	Instrument Dev. Labs, Inc — Box 380, Doylestown	FI8-3634
Pa	Instrument Dev. Labs. Inc — Box 4798, Pittsburgh	VA8-4114
SC	Vanguard Assoc — 1312 Palm Ave. Melbourne, Fla	PA3-3074
Tenn	Vanguard Assoc — 1312 Palm Ave. Melbourne, Fla	PA3-3074
Tex	R E McClendon Co — 915 Yale Blvd, S.E., Albuquerque, NM	CH3-4551
Wash	N R Schultz Co — 4227 Airport Way, Seattle, Wash	MA4-8650
W Va	Instrument Dev. Labs. Inc — 14237 Detroit Ave. Cleve 7, Ohio	AC1-5716
Wis	L F Murphy & Assoc. Inc — 1940 Hennepin Ave. Mpls, Minn	FR4-2350
Can	WEL Sales Limited — 1989 Ave. Rd. Toronto 12, Ont	
For	Lenat & Co. Inc — 535 5th Ave. NY, NY	VA6-5671
	INSTRUMENT ELECTRONICS CORP — Box 830, Port Washington, NY	PO7-4242
	895	
	INSTRUMENT GEAR WORKS INC — 4624 N. Oketo, Chicago 31, Ill	UN7-9090
	205-755	
	INSTRUMENT LABORATORIES — 315 W.Walton Pl, Chicago 10, Ill	MI2-0123
	J Fenser #3 *16 A 195-895-910-1050	
	INSTRUMENT RESISTORS CO — 1036 Commerce Ave, Union, NJ	MU6-4363
	H Melick #1 *25 B 1475	
	INSTRUMENT SPECIALTIES CO., INC — 254 Bergen Blvd, Little Falls, NJ	CL6-3500
	J Roberson #10 *150 E 895-1125-1575-1875	
Mo	Ryder Pratt Assoc — 6520 Clayton Rd. St. Louis	ST1-1912
Ohio	J Brownrigg — Box 3, Elyria	FA2-3570
Va	J McLean — Box 250, Waynesboro	WH2-8678
Wis	Russ Diethert Co — 2030 W. Montrose Ave. Chicago 18, Ill	LO1-7627
	INSTRUMENT SYSTEMS CORP — 129-07 18th Ave, College Point 56, NY	IN1-1000
	W Warren #10 *140 E 20-205-338-670-755-895-1135-1145-1420-1470-1550-1555-1855	
Ala	Lynd A Walking — 4360 SW 96th Ave. Miami 55, Fla	DR3-8346
Alas	Benno Persitz & Assoc — 500 Wall St. Seattle 1, Wash	MA2-0793
Cal	Sutton Assoc — 1050 University Dr. Menlo Park	DA4-2586
Colo	Franklin Sales Co — 2149 S. Clermont St. Denver 22	SK7-1371
Fla	Lynd A Walking — 4360 SW 96th Ave. Miami 55	DR3-8346
Ga	Lynd A Walking — Box 3045, Atlanta 17	DR3-8346
Idah	Benno Persitz & Assoc — 500 Wall St. Seattle 1, Wash	MA2-0793
Ill	Berndt & Klein Assoc — 6322 N. Milwaukee Ave. Chicago 46	SP5-3488
Mich	Berndt & Klein Assoc — 6322 N. Milwaukee Ave. Chicago 46, Ill	SP5-3488
Mont	Benno Persitz & Assoc — 500 Wall St. Seattle 1, Wash	MA2-0793
NC	Lynd A Walking — Box 3045, Atlanta 17, Ga	DR3-8346
Okla	Servo Electronics Prods. Co — Box 13371, Dallas 20, Tex	FL1-4653
Ore	Benno Persitz & Assoc — 500 Wall St. Seattle 1, Wash	MA2-0793
SC	Lynd A Walking — Box 3045, Atlanta 17, Ga	DR3-8346
Tex	Servo/Electronics Prods. Co — Box 13371, Dallas 20	FL1-4653
Utah	Franklin Sales Co — 2149 S. Clermont St. Denver 22, Colo	SK7-1371
Wash	Benno Persitz & Assoc — 500 Wall St. Seattle 1	MA2-0793
Wis	Berndt & Klein Assoc — 6322 N. Milwaukee Ave. Chicago 46, Ill	SP5-3488
Wyo	Franklin Sales Co — 2149 S. Clermont St. Denver 22, Colo	SK7-1371
•	**INSTRUMENTS FOR INDUSTRY INC** — 101 New South Rd. Hicksville, NY	OV1-7100
	H Bergen #100 *200 E 670-895-1135	
Ala	Taylor Eng. Inc — 2100 St. Paul St. Baltimore, Md	BE5-9126
Ariz	Weightman Assoc — 4029 Burbank Blvd. Burbank, Cal	VI9-2435
Ark	Automatic General Elec. Sales — 2527B McKinney Ave. Dallas, Tex	RI7-8779
Cal	Weightman & Associates — 4209 Burbank Blvd, Burbank, Cal	VI9-2435
Colo	Weightman Assoc — 4029 Burbank Blvd. Burbank, Cal	VI9-2435
Conn	R F MacDowell Co., Inc — Box 242, Elmwood, Conn	AD6-1200
Del	Taylor Eng — 2100 St. Paul St. Baltimore, Md	BE5-9126
DC	Taylor Eng — 2100 St. Paul St. Baltimore, Md	BE5-9126
Fla	Taylor Engineering Inc — 711 Magnolia Ave, Orlando, Fla	CH1-2941
Ga	Taylor Engineering Inc — 711 Magnolia Ave. Orlando, Fla	CH1-2941
Idah	Rush Drake Assoc — Box 2126, Idaho Falls	JA2-7992
Idaho	Rush Drake Associates — 1817 Norman St, Seattle 44, Wash	EA3-8545
Ill	Ben Z Rubin Co — 607 N. Grove Ave, Oak Park, Ill	EU3-0171
Ind	Ben Z Rubin — 12038 Fenkell, Detroit 27, Mich	UN4-4958
Iowa	Edwin H Murty — 3505 Ridgedale Ave. St. Louis 21, Mo	EV1-3050
Kan	Edwin H Murty — 3505 Ridgedale Ave, St. Louis 21, Mo	EV1-3050
Ky	Dayton Assoc — Talbott Tower, Dayton, Ohio	BA3-9621
La	Automatic General Elec. Sales — 2527B McKinney Ave. Dallas, Tex	RI7-8779
Me	R F MacDowell Co — Box 102, Melrose, Mass	NO5-8893
Md	Taylor Engineering Inc — 2100 St. Paul St. Baltimore 18, Md	BE5-9126
Mass	R F MacDowell — Box 102, Melrose	NO5-8893
Mich	Ben Z Rubin Co — 12038 Fenkell, Detroit 27	UN4-4958
Minn	Pat Lind Electronics Co — 9781 Western Ave, Circle Pines, Minn	SU4-3827
Mo	Edwin H Murty — 3505 Ridgedale Ave, St. Louis 20, Mo	EV1-3050
Mont	Rush Drake Associates — 1817 Norman St, Seattle 44, Wash	EA3-8545
Neb	Edwin H Murty — 3505 Ridgedale Ave, St. Louis 20, Mo	EV1-3050
Nev	Weightman & Associates — 4029 Burbank Blvd, Burbank, Cal	VI9-2435
NH	R F MacDowell Co — Box 102, Melrose, Mass	NO5-8893
NJ	S A M Assoc — 150-08 87th Ave, Jamaica, NY	OL8-8801
NM	Weightman Assoc — 4029 Burbank Blvd. Burbank, Cal	VI9-2435
NY	S A M Assoc — 150-08 87th Ave. Jamaica	OL8-8801
NC	Taylor Eng — 2100 St. Paul St. Baltimore, Md	BE5-9126
ND	Pat Lind Electronics Co — 9781 Western Ave, Circle Pines, Minn	SU4-3827
Ohio	Dayton Associates — Talbott Tower, Dayton 2, Ohio	BA3-9621
Okla	Automatic General Elec. Sales — 2527B McKinney Ave. Dallas Tex	RI7-8779
Ore.	Rush Drake Associates — 1817 Norman St, Seattle 44, Wash	EA3-8545
Pa	S A M Associates — 150-08 87th Ave. Jamaica, NY	OL8-8801
RI	R F MacDowell Co — Box 102, Melrose 76, Mass	NO5-8893
SC	Taylor Engineering Inc — 711 Magnolia Ave. Orlando, Fla	CH1-2941
SD	Pat Lind Electronics Co — 9781 Western Ave. Circle Pines, Minn	SU4-3827
Tenn	Taylor Engineering Inc — 711 Magnolia Ave. Orlando, Fla	CH1-2941
Tex	Automatic General Elec. Sales — 2527B McKinney Ave. Dallas	RI7-8779
Utah	Weightman Assoc — 4029 Burbank Blvd. Burbank, Cal	VI9-2435
Vt	R F MacDowell Co — Box 102, Melrose, Mass	NO5-8893
Wash	Rush Drake Associates — 1817 Norman St, Seattle 44, Wash	EA3-8545
W Va	Dayton Assoc — Talbott Tower, Dayton, Ohio	BA3-9621
Wis	Ben Z Rubin Co — 12038 Fenkell, Detroit, Mich	UN4-4958
Wisc	Pat Lind Electronics Co — 9781 Western Ave. Circle Pines, Minn	SU4-3827
Wyo	Weightman Assoc — 4029 Burbank Blvd. Burbank, Cal	VI9-2435
Canada	Electrodesign — 9124 St. Lawrence Blvd, Montreal, Can	DU9-5914
Foreign	Electronics Mfrs Export Co — 127 Grace St. Plainview, NY	WE1-3700
	INSTRUMENTS INC — Box 556, Tulsa, Okla	LU2-4151
	W Lohman #6 *160 C 360-895-1735-1880	

• INDICATES ADVERTISERS IN THIS ISSUE

FOR EXPLANATION OF SYMBOLS # * A 15 SEE PG. M

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	INSULATING FABRICATORS, INC	**East Rutherford, NJ**	**WE9-7393**
	W Ficken *150 D 625-660-900-975-1290		
Cal	Plastic Stamping Co	Pomona	
DC	Nalls, Inc	1411 Pennsylvania Ave, NW, Wash	RE7-7040
Fla	Repco Sales	401 NW 71st St, Miami 38	PL7-2911
Mass	Insulating Fabricators of NE Inc	83 Grove St, Watertown	WT3-9800
Pa	Al Pezzella	Broomhall	TR6-4357
	INSULATION MFRS CORP	**565 W. Washington Blvd, Chicago 6, Ill**	**CE6-7320**
	*500 30-120-175-315-620-625-660-750-770-900-975-1290-1505-1755-1890-1930-1980		
Ill	Complete-Reading Elec Co	100 S. Jefferson St, Chicago 6, Ill	CE6-5190
Mich	Insulation & Copper Sales	19675 Woodrow Wilson, Detroit 38, Mich	TU3-3500
Mich	Inmanco	Box 455, Escanaba	ST6-1063
Mich	IMC	7400 Second Blvd, Detroit 2	TR5-3103
Minn	H A Holden Inc	1208 Harmon Pl, Minneapolis 3, Minn	FE6-5353
Ohio	IMC	1211 Superior Ave, NE, Cleve 6	SU1-2310
Ohio	Complete-Reading Elec Co	1437 St. Clair Ave, Cleveland, Ohio	MA1-8561
Pa	IMC	Oliver Bldg, Pittsburgh 22	GR1-7100
Pa	IMC	Oliver Bldg, Pittsburgh 22, Pa	GR1-7100
Wis	IMC	2000 W. Wisconsin Ave, Milwaukee	DI2-3927
Wisc	Manufacturers Specialties Co, Inc	1222 W. Clybourn, Milwaukee 3, Wisc	DI4-5400
	INTASPACE CORP	**135 Orange St. Bloomfield NJ**	**PI8-4700**
	E Purdy #2 *25 B 1135		
	INTECTRON INC	**2300 Washington St. Newton Lower Falls 62, Mass**	**WO9-9311**
	L Martin #5 *10 A 335-895-1210-1470		
	INTELLUX INC. SCIENTIFIC COMPONENTS DIV	**30 S. Salsipuedes St. Santa Barbara, Cal**	**WO6-1585**
	S Lebow #7 *84 E 250-1150-1330-1150-1475		
Ala	Grady Duckett Sales Co	Box 11657, Atlanta, Ga	CE3-5308
Ariz	Jackson Edwards Co	3640 N. Jokake Dr, Scottsdale, Ariz	WH5-4290
Ark	Koch Engineering & Sales Co	309 Meadows Bldg, Dallas 6, Tex	
Cal	Ault Assoc	125 Santa Margarita Ave, Menlo Park	
Cal	Jackson Edwards Co	4011 Lankershim Blvd, N. Hollywood, Cal	TR7-9603
Colo	Howell Sales Inc	4637 Dudley, Arvada, Colo	HA2-2497
Conn	J Gallant	35 Halleran Ave, Lawrence, Mass	MU8-1253
Del	Argus Ind	Box 68, Warminster, Pa	
DC	Argus Ind	Box 68, Warminster, Pa	
Fla	Grady Duckett Sales Co	Box 11657, Atlanta, Ga	CE3-5308
Ga	Giddings-Duckett Associates	P.O. Box 11657, Atlanta, Ga	CE3-5308
Idaho	Howell Sales Inc	4637 Dudley, Arvada, Colo	HA2-2497
Ill	Branson Manufacturer's Sales Co	757 N. Milwaukee Ave, Chicago, Ill	TA9-1888
Ind	Branson Manufacturer's Sales Co	757 N. Milwaukee Ave, Chicago, Ill	TA9-1888
Iowa	Howell Sales Inc	4637 Dudley, Arvada, Colo	HA2-2497
Kan	Howell Sales Inc	4637 Dudley, Arvada, Colo	HA2-2497
Ky	Bernard L Michaelson Co	315 N. Monroe St, Xenia, Ohio	DR2-5496
La	Koch Eng & Sales Co	309 Meadows Bldg, Dallas 6, Tex	
Me	J Gallant	35 Halleran Ave, Lawrence, Mass	MU8-1253
Md	Argus Ind	Box 68, Warminster, Pa	
Mass	J Gallant	35 Halleran Ave, Lawrence, Mass	MU8-1253
Mich	Branson Manufacturer's Sales Co	757 N. Milwaukee Ave, Chicago, Ill	TA9-1888
Minn	S Clothier Co, Inc	12 W 58th St, Minneapolis 19	TA5-1234
[illegible]	Branson Mfrs Sales Co	757 N. Milwaukee Ave, Chicago, Ill	TA9-1888
Minn	Stan Clothier Co, Inc	12 W. 58th, Minneapolis 19, Minn	TA5-1234
Miss	Grady Duckett Sales Co	Box 11657, Atlanta, Ga	CE3-5308
Mo	Howell Sales Co	4637 Dudley, Arvada, Colo	HA2-2497
Mont	Howell Sales Co	4637 Dudley, Arvada, Colo	HA2-2497
Neb	Howell Sales Inc	4637 Dudley, Arvada, Colo	
Nev	Ault Assoc	125 Santa Margarita Ave. Menlo Park, Cal	
NH	J Gallant	35 Halleran Ave. Lawrence, Mass	MU8-1253
NJ	J Gallant	35 Halleran Ave. Lawrence, Mass	MU8-1253
NM	Howell Sales	4637 Dudley, Arvada, Colo	HA2-2497
NY	John Gallant	35 Halleran Ave. Lawrence, Mass	MU8-1253
NC	Grady Duckett Sales Co	Box 11657, Atlanta, Ga	CE3-5308
ND	Stan Clothier Co, Inc	12 W. 58th St, Minneapolis 19, Minn	TA5-1234
Ohio	Bernard L Michaelson Co	315 N. Monroe St, Xenia, Ohio	DR2-5496
Okla	Koch Eng. & Sales Co	309 Meadows Bldg, Dallas 6, Tex	
Ore	Howell Sales Inc	4637 Dudley, Arvada, Colo	
Pa	Argus Ind	Box 68, Warminster, Pennsylvania	
Pa	Bernard L Michaelson	315 N. Monroe St, Xenia, Ohio	DR2-5496
RI	J Gallant	35 Halleran Ave, Lawrence, Mass	MU8-1253
SC	Grady Duckett Sales Co	Box 11657, Atlanta, Ga	CE3-5308
SD	Stan Clothier	12 W. 58th St, Minneapolis 19, Minn	TA5-1234
Tenn	Grady Duckett Associates	Box 11657, Atlanta, Ga	CE3-5308
Tex	Koch Eng. & Sales Co	309 Meadows Bldg, Dallas 6	
Utah	Howell Sales Inc	4637 Dudley, Arvada, Colo	
Vt	J Gallant	35 Halleran Ave, Lawrence, Mass	MU8-1253
Va	Argus Ind	P O Box 68, Warminster	
Wash	Howell Sales Inc	4637 Dudley, Arvada, Colo	
W. Va	Bernard L Michaelson	315 N. Monroe St, Xenia, Ohio	DR2-5496
Wisc	Branson Manufacturer's Sales Co	757 N. Milwaukee Ave, Chicago, Ill	TA9-1888
Wyo	Howell Sales Co	4637 Dudley, Arvada, Colo	HA2-2497
	INTERCONTINENTAL DYNAMICS CORP	**170 Coolidge Ave, Englewood, NJ**	**LO7-3600**
	F Wissel #5 *50 D 360-895		
Pa	Lorenz Assoc	P O Box 72, Horsham	OS5-8133
	INTERCONTINENTAL ELECTRONICS CORP	**300 Shames Dr. Westbury, NY**	**ED4-8300**
	L Goldman #12 *150 E 35-45-275-320-365-385-475-670-895-1075-1135-1340-1420-1855-1880-1910		
•	**INTERELECTRONICS CORP**	**2432 Grand Concourse, New York 58, NY**	**LU4-6200**
	M Pintell #33 *65+ E 220-255-275-338-365-895-915-1135-1340-1420-1455-1585-1790-1915		
	INTERFERENCE MEASUREMENT LAB	**901 E. 51st St, Brooklyn, NY**	**IN9-1765**
	670		
	INTERLAB INC	**116 Kraft Ave, Bronxville, NY**	**SP9-3320**
	H Layton #2 A 50-895-1735		
Cal	Beall Electronics Sales Co	Box 937, Palo Alto, Cal	
Cal	Lee Grant Snyder Co	1418 N Highland Ave, Hollywood 28	HO9-6278
Colo	Ruehle Sales Co	465 S Leyden St, Denver, Colo	DU8-3125
Ill	R T Mathews & Co	2113 S Western Ave, Chicago 8, Ill	
Ind	R T Mathews & Co	1027 Wells St, Fort Wayne, Ind	EA3917
Mass	W M Hague Co	P.O. Box 89, Carlisle, Mass	VO2-8717
Minn	Eng Prods Assoc	1021 University Ave, St Paul, Minn	MI6-3443
Mo	Sobel & Assoc	7803 Forsyth Blvd, Clayton 5, Mo	PA6-4616
NJ	Kahant Assoc	11 Park Pl, New York, NY	
NY	Kahant Assoc	11 Park Pl, New York, NY	CO7-5326
Ohio	Arthur N Ulrich Co	1251 Millerdale Rd, Columbus 9, Ohio	BE7-3084
Tex	Edward F Aymond Co	3915 Lemmon Ave, Dallas, Tex	LA6-5233
For	Painton & Co Ltd	Kingsthorpe, Northampton, Eng	
For	Svenska Painton AB	Alvsjo Rund, Stockholm, Swed	
For	Painton Societe Anonyme	35, Rue Souveraine Bruxelles, Belg	
	INTERNATIONAL CRYSTAL MFG. CO. INC	**18 N Lee, Okla City 2, Okla**	**CE6-3741**
	325-365-415-895-1425-1870		
	INTERNATIONAL DIODE CORP	**90 Forrest St, Jersey City 4, NJ**	**HE2-0242**
	J Lee A 500		
•	**INTERNATIONAL EASTERN CO**	**801 6th Ave. NY 1, NY**	**AL5-5222**
	890-1875		
	INTERNATIONAL ELECTRONICS CORP (MULLARD EQUIPMENT)	**81 Spring St, New York 12, NY**	**WO6-8790**
	E Parts 338-500-1135-1445-1860-1875-1880-1915		
	INTERNATIONAL ELECTRONICS MFG. CO	**Box 391, Greenwood Acres, Annapolis, Md**	**CO3-2661**
	A Greco #50 *184 E 670		
Ohio	Jesse Lawson	500 E. Dayton Dr, Fairborn, Ohio	TR8-2551
SC	C L Rogers Rep	2105 Reynolds Ave, Charleston Heights	SH7-4011
•	**INTERNATIONAL INSTRUMENTS INC**	**P. O. Box 2954, New Haven 15, Conn**	**FU7-2515**
	895		
	INTERNATIONAL NICKEL CO., INC	**67 Wall St, New York 5, NY**	**WH4-1000**
	233-1125-1885-1960		
Cal	Huntington Alloy Prods. Div	401 N. Brand Blvd. Glendale 3	CH5-6532
Cal	Huntington Alloy Prods. Div	439 Hamilton Ave. Palo Alto	DA1-7007
Conn	Huntington Alloy Prods. Div	119 Ann St. Hartford 3	CH7-1842
Del	Huntington Alloy Prods. Div	1704 Marsh Rd. Wilmington	PO2-0260
DC	Huntington Alloy Prods. Div	1000 Vermont Ave. NW, Wash. 5	EX3-0387
Ill	Huntington Alloy Prods. Div	7710 W. N. Ave. Elmwood Pk	GL6-6950
Mass	Huntington Alloy Prods. Div	9 Mercer Rd. Natick	OL5-1220
Mich	Huntington Alloy Prods. Div	8830 W. McNichols Rd. Detroit 21	UN1-1764
NJ	Huntington Alloy Prods. Div	Box 926, Union	MU7-0050
NY	Huntington Alloy Prods. Div	625 Del. Ave. Buffalo 2	L15694
NY	Huntington Alloy Prods. Div	1547 Central Ave. Albany 5	UN9-8404
Ohio	Huntington Alloy Prods. Div	20621 Chagrin Blvd. Cleve 22	SK1-3686
Pa	Huntington Alloy Prods. Div	345 Mt. Lebanon Blvd. Pittsbgh 34	LO3-7414
Tex	Huntington Alloy Prods. Div	3500 W. Alabama, Houston 27	MO6-1403
W Va	Huntington Alloy Prods. Div	Huntington 17	JA5-0313
	INTERNATIONAL PUMP & MACHINE WORKS	**81 Dorsa Ave, Livingston, NJ**	**WY2-5900**
	T Scala #3 *50 C 250-360-735-895-1075-1375		
Cal	Ratron Inc	7616 Sepulveda Blvd. Van Nuys	TR3-4065
DC	Howard Roher	Barr Bldg. Washington	EX3-3200
	INTERNATIONAL RADIANT CORP	**577 E. 156th St, New York 55, NY**	**CY2-6000**
	K Klein #8 *40 D 250-445		
Ariz	Robert N Williams	150 Baylor Dr, Ventura, Cal	MI2-4570
Ariz	Robt R Clarke Co	3115 Buffalo Dr, Houston 19, Tex	JA8-0683
Cal	Robert N Williams	150 Baylor Dr, Ventura, Cal	MI2-4570
Conn	Equipment Sales Co., Inc	P.O. Box 6098, New Haven 17, Conn	CH8-5581
Idaho	Robert N Williams	150 Baylor Dr, Ventura, Cal	MI2-4570
Kan	Richard Hollander	Box 8179, Plaza Sta, Kansas City 12, Mo	JE1-1855
Ky	Lowry Dietrich Co	333 W. First St, Dayton 2, Ohio	BA3-4042
La	Robt R Clarke Co	3115 Buffalo Dr, Houston 19, Tex	JA8-0683
Me	Equipment Sales Co., Inc	5 Elm St, Danvers, Mass	SP4-2400
Mass	Equipment Sales Co., Inc	5 Elm St, Danvers, Mass	SP4-2400
Mo	Richard Hollander	Box 8179, Plaza Sta, Kansas City 12, Mo	JE1-4182
Neb	Richard Hollander	Box 8179, Plaza Sta, Kansas City 12, Mo	JE1-4182
Nev	Robert N Williams	150 Baylor Dr, Ventura, Cal	MI2-4570
NH	Equipment Sales Co., Inc	5 Elm St, Danvers, Mass	SP4-2400
NM	Robt R Clarke Co	3115 Buffalo Dr, Houston 19, Tex	JA8-0683
Ohio	Lowry Dietrich Co	316 Marion Bldg, Cleveland 13, Ohio	SU1-1855
Ohio	Lowry Dietrich Co	333 W. First St, Dayton 2, Ohio	BA3-4042
Okla	Robt R Clarke Co	3115 Buffalo Dr, Houston 19, Tex	JA8-0683
Ore	Robert N Williams	150 Baylor Dr, Ventura, Cal	MI2-4570
Pa	Lowry Dietrich Co	703 Clairton Blvd, Pittsburgh 36, Pa	TU1-2228
RI	Equipment Sales Co., Inc	P.O. Box 6098, New Haven 17, Conn	CH8-5581
Tex	Robt R Clarke Co	3115 Buffalo Dr, Houston 19, Tex	JA8-0683
Utah	Robert N Williams	150 Baylor Dr, Ventura, Cal	MI2-4570
Vt	Equipment Sales Co., Inc	P.O. Box 6098, New Haven 17, Conn	CH8-5581
Wash	Robert N Williams	150 Baylor Dr, Ventura, Cal	MI2-4570
W. Va	Lowry Dietrich Co	333 W. First St, Dayton 2, Ohio	BA3-4042
Foreign	Controls & Instruments Co	15 E. 40th St, New York 16, NY	MU5-5231
•	**INTERNATIONAL RECTIFIER CORP**	**233 Kansas St, El Segundo, Cal**	**OR8-6281**
	W Atkinson #00 *900 G 235-500-1445-1455		
Ala	Atcheson & Adams	Nashville, Tenn	TU3-2429
Alaska	Fred H Haight Co	Seattle 2, Wash	EA2-1818
Ariz	E J Foley & Associates	Scottsdale, Ariz	WH5-4290
Ark	Texport Co	Dallas 7, Tex	RI7-6886
Cal	Eichorn & Melchior Inc	San Carlos, Cal	LY1-7383
Colo	R G Bowen Co	Denver 9	RA2-4641
Conn	International Rectifier Corp	Cambridge 38, Mass	UN4-6520
Del	International Rectifier Corp	Silver Spring, Md	JU9-3305
DC	International Rectifier Corp	Silver Springs, Md	JU9-3305
Fla	Atcheson & Adams	Fern Park	TE8-4796
Ga	Atcheson & Adams	Atlanta	DR8-2807
Idaho	Fred H Haight Co	Seattle 2, Wash	EA2-1818
Ill	Maury E Bettis Co	Kansas City 11, Mo	LO1-0772
Ill	International Rectifier Corp	Chicago 45	JU3-3066
Ind	International Rectifier Corp	Berkley, Mich	LI8-1144
Iowa	International Rectifier Corp	Chicago 45, Ill	JU3-3085
Kan	Maury E Bettis Co	Kansas City 11, Mo	LO1-0772
Ky	International Rectifier Corp	Berkley, Mich	LI8-1144
La	Texport Co	Dallas 7, Tex	RI8-6458
Me	International Rectifier Corp	Cambridge 38, Mass	UN4-6520
Md	International Rectifier Corp	Silver Springs	JU9-3305
Mass	International Rectifier Corp	Cambridge 38, Mass	UN4-6520
Mich	International Rectifier Corp	Berkley, Mich	LI8-1144
Minn	H M Richardson & Co	Minneapolis, Minn	FE6-4078
Miss	Atcheson & Adams	Nashville, Tenn	DO6-2429
Mo	Maury E Bettis Co	Kansas City 11, Mo	LO1-0772
Mont	Fred H Haight Co	Seattle 2, Wash	EA2-1818
Neb	R G Bowen Co	Denver 9, Colo	RA2-4641
Nev	Eichorn & Melchior Inc	San Carlos, Cal	LY1-7383
NH	International Rectifier Corp	Cambridge 38, Mass	UN4-6520
NJ	International Rectifier Corp	Fort Lee, NJ	WI7-3311
NJ	International Rectifier Corp	Ardmore, Pa	GR3-0212
NM	Bowen & Carlberg	Albuquerque	AM5-1575
NY	International Rectifier Corp	Fort Lee, NJ	WI7-3311
NY	International Rectifier Corp	Syracuse, NY	HO3-1441
NC	Atcheson & Adams	Greensboro, NC	BR2-6838
ND	H M Richardson & Co	Minneapolis, Minn	FE6-4078
Ohio	Neal Bear Corp	W. Richfield, Ohio	OL9-3331
Okla	Texport Co	Dallas 7, Tex	RI7-6886
Ore	Fred H Haight Co	Seattle 2, Wash	EA2-1818
Pa	International Rectifier Corp	Ardmore, Pa	GR3-0212
Pa	Neal Bear Corp	W. Richfield, Ohio	OL9-3331
RI	International Rectifier Corp	Cambridge 38, Mass	UN4-6520
SC	Atcheson & Adams	Greensboro, NC	BR2-6838
SD	H M Richardson & Co	Minneapolis, Minn	FE6-4078
Tenn	Atcheson & Adams	Nashville, Tenn	DO6-2429
Tex	Texport Co	Dallas 7, Tex	RI7-6886
Utah	R G Bowen Co	Salt Lake City	EM3-4529
Vt	International Rectifier Corp	Cambridge 38, Mass	UN4-6520
Va	International Rectifier Corp	Silver Springs, Md	JU9-3305
Wash	Fred H Haight Co	Seattle 2, Wash	EA2-1818
W. Va	Neal Bear Corp	Dayton, Ohio	AX9-3268
Wis	International Rectifier Corp	Chicago 45, Ill	JU3-3085
Wyo	R G Bowen Co	Denver 9, Colo	RA2-4641
Canada	Douglas Randall Canada Ltd	126 Manville Rd, Toronto, Ont, Canada	OX9-3081
	INTERNATIONAL REGISTER CO	**2620 Washington Blvd, Chicago 12, Ill**	**VA6-4242**
	1165-1810		
	INTERNATIONAL RESEARCH ASSOC	**2221 Warwick Ave, Santa Monica, Cal**	
	275-895-915-1130-1340-1425-1855		
	INTERNATIONAL RESEARCH & DEVELOPMENT CORP	**6150 Huntley Rd, Worthington, Ohio**	**TU5-5376**
	W Hinchee 895		
Ala	John D Toll	101 Marietta St. Bldg, Atlanta, Ga	JA3-5995
Ariz	Braun Chemical Co	2800 W Osborne Rd, Phoenix	AL8-1511
Ark	Dixie Bearings, Inc	519 W 7th St, Little Rock	FR4-6783
Cal	William B Eucheller	601 O'Neil Ave, Belmont	LY3-8276
Colo	Van Waters & Rogers Inc	4300 Holly St, Denver	DU8-5651
Conn	TEK Bearing Co, Inc	Box 72, Bridgeport	DR8-2611
Del	Bearings, Inc	Box 247, Wilmington 99	OL6-2511
DC	Harrison Engineering Services	305-306 Mills Bldg, Washington, DC	DI7-3306
Fla	Dixie Bearings, Inc	1826 Ionia St, Jacksonville	EL5-1987
Ga	John D Toll	Marietta St Building, Atlanta 3, Ga	JA3-5995
Idah	Scientific Supplies Co	600 Spokane St, Seattle, Wash	MU2-3460
Ill	Frank K Sweetman	9546 S. Bell Ave, Chicago 43, Ill	CE6-5005
Ind	Russell G Paine	6150 Huntley Rd, Worthington, Ohio	TU5-5376
Iowa	Frank K Sweetman	9546 S Bell Ave. Chicago, Ill	CE6-5005
Kan	Frank K Sweetman	9546 S Bell Ave. Chicago, Ill	CE6-5005
Ky	Dixie Bearings, Inc	215 S Floyd St, Louisville	JU3-2775
La	Dixie Bearings, Inc	2906 Weller Ave. Baton Rouge 5	EL7-2257
Me	TEK Bearing Co, Inc	Box 72, Bridgeport, Conn	DR8-2611
Md	Bearings, Inc	1901 N Howard St, Baltimore 18	VE7-4700
Mass	John C Sheppard	131 State St, Boston	CA7-5236
Minn	Industrial Electronics, Inc	1619 Hennepin Ave, Minneapolis	FE8-7611
Miss	John D Toll	101 Marietta St. Bldg, Atlanta, Ga	JA3-5995
Mo	Frank K Sweetman	9546 S Bell Ave, Chicago, Ill	CE6-5005
Mont	Scientific Supplies Co	600 Spokane St. Seattle, Wash	MU2-3460
Neb	Frank F Sweetman	9546 S Bell Ave. Chicago, Ill	CE6-5005
Nev	Braun-Knecht-Heimann Co	1400 16th St. San Francisco, Cal	HE1-8800
NH	TEK Bearing Co. Inc	Box 72, Bridgeport, Conn	DR8-2611
NJ	Richard H Jolly	2165 Morris Ave, Union, NJ	MU6-1443
NM	Braun Chemical Co	1363 S Bonnie Beach Pl, LA, Cal	AN9-9311
NY	Richard H Jolly	2165 Morris Ave, Union, NJ	MU6-1443
NC	Dixie Bearings, Inc	1621 N Tryon St, Charlotte 6	ED2-2151
ND	Western Bearing Supply Co	1712 N Main Ave, Fargo	
Okla	John D Toll	101 Marietta St. Bldg, Atlanta, Ga	JA3-5995
Ore	Scientific Supplies Co	600 Spokane St. Seattle, Wash	MU2-3460
Pa	F C Schreiber	7700 W Chester Pike, Upper Darby	SH8-0888
RI	TEK Bearing Co. Inc	Box 72, Bridgeport, Conn	DR8-2611
SC	Dixie Bearings, Inc	405 Pendleton St, Greenville	CE9-9681
SD	Western Bearing Supply Co	1712 N Main Ave, Fargo, ND	
Tenn	Dixie Bearings, Inc	511 8th Ave. S, Nashville 3	AL4-5791
Tex	John D Toll	101 Marietta St. Bldg, Atlanta, Ga	JA3-5995
Utah	Van Waters & Rogers, Inc	650 W 8th S, Salt Lake City	DA8-1112
Vt	TEK Bearing Co. Inc	Box 72, Bridgeport, Conn	DR8-2611
Va	Dixie Bearings, Inc	Box 8065, Richmond 22	MI4-7837
Wash	Scientific Supplies Co	600 Spokane St. Seattle, Wash	MU2-3460
W Va	Bearings, Inc	1516 Kanawha Blvd. Charleston 2	DI60-641
Wis	Frank K Sweetman	9546 S Bell Ave. Chicago, Ill	CE6-5005
Wyo	Braun-Knecht-Heimann Co	1400 16th St. San Francisco, Cal	HE1-8800
For	American Avitron, Inc	514 Halstead Ave, Mamaroneck, NY	OW8-9210
	INTERNATIONAL RESISTANCE CO	**401 N. Broad St, Philadelphia, Pa**	**WA2-8900**
	190-280-320-895-975-1330-1445-1475-1850		
Ariz	Carl Hower	340 N. Marshall Ave. Scottsdale	WH5-2471
Cal	C R Lynch & Son	3307 Glenside Blvd. LA	NO3-8236
Cal	IRC	1136 N. LaBrea Blvd, Hollywood, Cal	HO6-2191
Cal	Luscombe Eng Co	1020 S. Arroyo Pkwy. Pasadena	SY9-0445
Cal	Long & Assoc	Brewster-Warren Bldg. Redwood City	EM9-3324
Cal	Allan-Cochrane Co	2215 S. El Camino, San Mateo	FI5-7981
Cal	Logan & Stone	1485 Bayshore Blvd. SF	DE4-1200
Colo	Electronic Component Sales Inc	2149 S. Clermont (No. 5), Denver	SK7-1261
Conn	Sales Eng Co	Sugar Lane, Newton	GA6-4434
Ga	Hollingsworth & Still	508 Whitehead Bldg. Atlanta	MU8-8578
Ga	E G Holmes & Assoc	4569 Roswell Rd. NE Atlanta 5	BL5-6680
Haw	Bill Cameron Sales	2612 Peter St. Honolulu	772-282
Ill	R Edward Stemm	5681 W. Lake St. Chicago	ES9-2700
Ill	IRC	5243 W. Diversey Ave, Chicago 39, Ill	TU9-5800

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ind	Macnabb Schroeder Loomis	32 E. 64th St, Indianapolis, Ind	CL5-677?
Kan	Haight Sales Co	5121 Nall, Mission, Kan	RA2-2441
Mass	Drew Assoc	Box 467, Bedford	CR4-7232
Mass	Ray Perron & Co	1870 Centre St, Boston, Mass	FA3-1008
Mass	Sales Eng Co	33 Sudbury Rd. Concord	EM9-3943
Mich	Koehler-Pasmore Co	11933 Hamilton, Detroit 3, Mich	TO8-3322
Minn	Heimann Co	1711 Hawthorne, Minneapolis 3, Minn	FE2-5457
NJ	Bonn Assoc	57 New St. Metuchen	LI9-9573
NY	E R A Inc	340 Great Neck Rd. Great Neck, L I	HU2-9320
NY	Reed-Tollefson Corp	2615 Monroe Ave. Rochester	HI6-0150
NY	I R C	135 Broadway, New York 6, NY	CO7-1020
NY	I R C	314 State Tower Bldg, Syracuse 2, NY	HA2-0274
Ohio	Burns Greenleaf & Assoc	14700 Detroit Ave, Cleveland, Ohio	AC1-[illegible]
Pa	Polymetric Devices	Box 236, Glenside	TU7-4873
Pa	Automation & Control	National Transit Bldg. Oil City	47-334
Pa	H E Ransford	5400 Clareton Blvd. Pittsburgh	TU4-3425
Pa	Jack Cowart Associates	320 [illegible] Pl, Pittsburgh, Pa	LE1-4471
Tex	Jack McKinney Sales Co	1703 Chemical St, Dallas, Tex	RI1-1368
Wash	Arve Inc	1520 Prospect St. Seattle	MU2-7337
Can	Int'l. Resistance Co. Ltd	349 Carlaw Ave.-Toronto, Ont	
	INTL TEL & TEL CORP IND PROD DIV	**15191 Bledsoe St, San Fernando, Cal**	**EM7-6161**
	E Walsh #70 *230 200-255-325-338-365-415-885-895-915-1135-1340-1425-1455-1845-1870-1910-1935		
Cal	Aerol	3691 Couts St. San Diego	
Cal	Airtronics	1338 Mission St. SF	
Cal	Wright Eng	180 E. California Blvd, Pasadena	
Cal	Aerol Assoc	9024 Olympic, Beverly Hills	
Colo	Aerol Assoc	Denver Club Bldg. Denver	TA5-2046
Conn	Howard J Schott Co	815 Washington St. Newtonville 60, Mass	LA7-5304
DC	Natl Radio & TV Co	6?12 4th St. NW. Washington	TU2-2216
Ga	E G Holmes & Assoc	4369 Roswell Rd. NE. Atlanta 5	BL5-6660
Ga	Powell Electronic Service	1024 Virginia Ave. NE. Atlanta	VE9688
Ill	Inland Testing Labs	6401 Oakton St. Morton Grove	MI7-6600
Ind	Midwest Fire & Safety	1605 Prospect St. Indpls	ME2-9338
Kan	Aerol	6631 E. Kellogg, Wichita 7	MU3-7421
Md	F R Jodon	4922 St. Elmo, Bethesda 14	OL2-5110
Mass	Arthur E Akeroyd Co	41 Reservoir Rd. Chestnut Hills 67	RE4-2433
Mass	Videonics Inc	90 Mass Ave. Cambridge	TR6-0164
Mich	Electro-[illegible]	4?12 E. 9 Mile Rd. Warren	JE9-142?
Mo	Aerol	Lambert Airport. St. Louis 34	PE1-6?53
Mo	Engineering Services Co	6717 Vernon Ave. St. Louis	PA6-2233
NJ	NLR Assoc	15 Tenney Ct. W. Orange	RE1-0774
NY	Electro Tech Eqpt. Co	85 10th Ave. NY 11	OR5-2400
NY	NACO Electronics	119 Luther Ave. Liverpool	GR4-7481
Ohio	Aerol	7719 Reading Rd. Cinc	
Ohio	Warwick Comm	4614 Prospect, Cleve	
Ohio	Harvey Teplitz & Co	3543 Cornell Dr. Dayton 6	CR7-9178
Tex	Aerol	314 N. East St. Arlington	
Tex	Southwest Electronic Ind	273 Meadows Bldg. Dallas	
Wash	Aerol	422 1st Ave. Seattle	
Wash	Fred Haight Co	3212 Eastlake Ave. Seattle 2	
	INTERNATIONAL ULTRASONICS, INC	**331 Centennial Ave. Cranford, NJ**	**BR6-0780**
	S Silver #4 *15 A 1915		
For	Walter Haas, Ltd	220 5th Ave. New York, NY	
	INTERNATIONAL WAX REFINING CO	**99 E.Hawthorne Ave, Valley Stream, NY**	**LO1-2500**
	F Clarke 900		
	INTERSTATE ELECTRONICS CORP	**707 E. Vermont Ave, Anaheim, Cal**	**PR2-2222**
	F Allen #66 *364 F 325-338-670-895-1150		
Ala	Scientific Sales Engineering Co	3541 Flamingo Rd, Huntsville, Ala	JE9-5552
Ariz	Arizona Instrument Corp.	7342 E. Broadway, Phoenix, Ariz	WH5-1840
Cal	Eichorn & Melchior	749 Bryant St, San Francisco 7, Cal	DO2-1038
Cal	W W Ryder	3130 Kingsley St, San Diego 6, Cal	AC3-8594
Colo	Lewis T [illegible]	4515 S. Galapago St, Englewood, Colo	SU9-2171
DC	C F Paddock	8616 Georgia Ave, Silver Spring, Md	JU9-6554
Fla	Scientific Sales Engineering Co	1851 Oak Ln, Orlando, Fla	GA4-0730
Ga	Scientific Sales Engineering Co	2162 Piedmont Rd, N.E., Atlanta 9, Ga	TR3-2475
Idaho	Don Smith Sales Co	2320 N. 45 St, Seattle, Wash	ME3-3160
Ill	Robert J Kennedy Co	6713 N. Oliphant Ave, Chicago 31, Ill	NE1-8283
Ind	Robert J Kennedy Co	6713 N. Oliphant Ave, Chicago 31, Ill	NE1-8283
Md	C F Paddock	8616 Georgia Ave, Silver Spring, Md	JU9-6554
Mich	Serv Equip Electronics Co.	4510 Euclid Ave, Cleveland, Ohio	HE1-7030
Minn	Wood Clemons	1645 Hennepin Ave, Minneapolis, Minn	FE9-7070
Nev	W W Ryder	3130 Kingsley St, San Diego 6, Cal	AC3-8594
NJ	Fred F Sylvester Associates	649 Morris Ave, Springfield, NJ	DR6-3324
NM	Arizona Instrument Corp.	7342 E. Broadway, Phoenix, Ariz	WH5-1840
NY	Murray Sackoff	811 Bradford Dr, Rome, NY	RO7413
NC	Scientific Sales Engineering Co	2831 S. Main St, Winston-Salem, NC	PA3-3281
ND	Wood Clemons	1645 Hennepin Ave, Minneapolis, Minn	FE9-7070
Ohio	Service Equipment Electronics Co	4510 Euclid Ave, Cleveland 3, Ohio	HE1-7030
Ore	Don Smith Sales Co	2320 N. 45 St, Seattle, Wash	ME3-3160
Pa	Fred F Sylvester Associates	649 Morris Ave, Springfield, NJ	DR6-3324
SC	Scientific Sales Engineering Co	2831 S. Main St, Winston-Salem, NC	PA3-3281
SD	Wood Clemons	1645 Hennepin Ave, Minneapolis, Minn	FE9-7070
Tenn	Scientific Sales Engineering Co	2162 Piedmont Rd, N.E., Atlanta, Ga	TR3-2475
Va	C F Paddock	8616 Georgia Ave, Silver Spring, Md	JU9-6554
Wash	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	ME3-3160
Wisc	Wood Clemons	1645 Hennepin Ave, Minneapolis, Minn	FE9-7070
Wyo	Lewis T [illegible]	4515 S. Galapago St, Englewood, Colo	SU9-2171
	INTIMEX CORP	**Boniface & Fenton Sts, Silver Springs, Md**	**JU9-5494**
	360-895		
Cal	M A Stolaroff Co., Inc	4622 W. Slauson Ave, Los Angeles 43	AX3-6226
Conn	Zaslow Sales Co	108 Foxcroft Rd, W. Hartford 7, Conn	AD6-3265
Ill	Ringland W Krueger Co	5306 W. Lawrence Ave, Chicago 30, Ill	PE6-3107
Mass	Godwin R F Gay	371 Howard St, Northboro, Mass	EX3-8150
Mich	Tard Enterprises Inc	16257 Meyers Rd, Detroit 35, Mich	UN3-2665
Minn	Murphy Associates	1711 Hennepin Ave, Minneapolis, Minn	FE9-4851
NY	Alan E Brown Agency	P.O. Box 73, Sodus, NY	SO3261
NC	Cardol Co	2840 Beech St, Winston-Salem, NC	PA2-1432

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ohio	Technical Associates Inc	4475 Lander Rd, Chagrin Falls, Ohio	TE1-9?84
Ohio	Technical Associates Inc	5643 [illegible] Ave, Cincinnati 27, Ohio	BE5-?68
Pa	L G White & Co Inc	10? Forest Ave, Narberth, Pa	MO4-6555
	INVAC CORP	**14 Huron Dr. Natick, Mass**	**OL5-1611**
	J Patterson #5 *9 B 325-338-1735-1750		
	INVAR ELECTRONICS CORP	**1723 Cloverfield Blvd. Santa Monica, Cal**	**UP0-9346**
	R Levine #8 *65 D 338-365-895-1340		
Ala	Bill Henry Assoc	2187 Sunnyside Ln. Sarasota, Fla	RI6-4037
Ariz	Gene French Co., The	138 S. 2nd. E. Salt Lake City, Utah	EM4-3057
Ark	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30, Tex	EM3-3698
Cal	Ault Associates	12? Santa Margarita, Menlo Park, Cal	DA5-17??
Colo	Gene French Co., The	Box 15275, Denver	MA31458
Conn	Measurement Equipment Co., Inc	P.O. Box 267, Wakefield, Mass.	CR6-5770
Del	James R Eberly	12 W. 22nd St. Baltimore 18, Md	HO7-8921
DC	James R Eberly	1700 K St. NW. Washington 6	DI7-2667
Fla	Bill Henry Assoc	2187 Sunnyside Ln. Sarasota	RI6-4037
Ga	Bill Henry Assoc	1700 K St. NW. Washington 6, DC	DI7-2667
Idah	Gene French Co., The	138 S. 2nd. E. Salt Lake City, Utah	EM4-3057
Idaho	Remco	321 E. 45th St, Seattle 5, Wash	ME3-5058
Iowa	Eng. Prods. Assoc	1821 University Ave. St. Paul 4, Minn	MI6-3443
Kan	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30, Tex	EM3-3698
La	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30, Tex	EM3-3698
Me	Measurement Equipment Co., Inc	P.O. Box 267, Wakefield, Mass.	CR6-5770
Md	James R Eberly	12 W. 22nd St. Baltimore 18	HO7-8921
Mass	Measurement Equipment Co., Inc	P.O. Box 267, Wakefield, Mass.	CR6-5770
Minn	Eng. Prods. Co	1821 University Ave. St. Paul 4	MI6-3443
Mo	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30, Tex	EM3-3698
Nev	Gene French Co., The	138 S. 2nd St. E. Salt Lake City, Utah	EM4-3057
NH	Measurement Equipment Co., Inc	P.O. Box 267, Wakefield, Mass.	CR6-5770
NJ	James R Eberly	1700 K St. NW. Washington 6, DC	DI7-2667
NJ	Rever Assoc	Old Country Rd. Garden City, NY	PI1-3811
NM	Gene French Co., The	7900 Zuni Rd. SE. Albuquerque	AM8-2478
NY	Rever Assoc	600 Old Country Rd. Garden City	PI1-3811
NY	Naylor Electric Co. Inc	1718 Erie Blvd. E. Syracuse 3	GR2-9183
NC	Bill Henry Assoc	1043D Providence Rd. Charlotte 7	FR5-8958
Ohio	Thomco Electronic Co	Box 181, N. Dayton Sta, Dayton, Ohio	BE3-3551
Okla	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30, Tex	EM3-3698
Ore	Remco	321 E. 45th St, Seattle, Wash	ME3-5058
Pa	James R Eberly	1700 K St. NW. Washington 6, DC	DI7-2667
Pa	Thomco Electronics Co	Box 181 N. Dayton Sta, Dayton, Ohio	BE3-3551
RI	Measurement Equipment Co., Inc	P.O. Box 267, Wakefield, Mass.	CR6-5770
SC	Bill Henry Assoc	1043D Providence Rd. Charlotte 7, NC	FR5-8958
SD	Eng. Prods. Assoc	1821 University Ave. St. Paul 4, Minn	MI6-3443
Tenn	Bill Henry Assoc	1043D Providence Rd. Charlotte 7, NC	FR5-8958
Tex	Gene French Co., The	7900 Zuni Rd. SE. Albuquerque, NM	AM8-2478
Tex	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30	EM3-3698
Utah	Gene French Co., The	138 S. 2nd E. Salt Lake City	EM4-3057
Vt	Measurement Equipment Co., Inc	P.O. Box 267, Wakefield, Mass.	CR6-5770
Va	Bill Henry Assoc	1043D Providence Rd. Charlotte 7, NC	FR5-8958
Va	James R Eberly	1700 K St. NW. Washington 6, DC	DI7-2667
Wash	Remco	321 E. 45th St, Seattle 5, Wash	ME3-5058
Wis	Eng. Prods. Assoc	1821 University Ave. St. Paul 4, Minn	MI6-3443
	INVESTMENT CASTING CO. SUB. FARADYNE ELEC CORP	**60 Brown Ave. Springfield, NJ**	**DR6-6260**
	#3 *105 E 233		
Conn	Sheldon Toder	114 Reservoir Rd, Newington	AD3-6435
Del	M M Crown	6711 N. 15th St, Philadelphia 26, Pa	LI8-1122
DC	M M Crown	6711 N. 15th St, Philadelphia 26, Pa	LI8-1122
Ga	Marion T Davis & Co	595 [illegible] Rd NE, Atlanta 9	TR5-6474
Ill	G McRugg	534? Fletcher St. Chicago 41	PE6-5522
Ind	James F Roberts Co	1425 N Illinois St. Indianapolis	ME8-0942
Kan	Duplex Metals Inc	7500 Natural Bridge Rd, St Louis, Mo	EV3-3040
Me	Sheldon Toder	114 Reservoir Rd, Newington, Conn	CH7-1166
Md	M M Crown	6711 N. 15th St, Philadelphia 26, Pa	LI8-1122
Mass	Sheldon Toder	114 Reservoir Rd, Newington, Conn	CH7-1166
Mich	J J Jordan Associates	15324 Mack Ave. Detroit 24	TU4-7811
Mo	Duplex Metals	7500 Natural Bridge Rd, St Louis, Mo	EV3-3040
Neb	Duplex Metals	7500 Natural Bridge Rd, St Louis, Mo	EV3-3040
NH	Sheldon Toder	114 Reservoir Rd, Newington, Conn	CH7-1166
NY	V A McLaughlin	12 Rutgers Pl. Merrick	MA3-4656
NY	Decot Sales Co	3800 [illegible] Rd, Buffalo 15	TF5-5630
NC	Watson-Smith	10?? [illegible] Blvd N.E., Atlanta 6, Ga	TR5-1411
Ohio	Allcast, Inc	P O Box 2563, Rocky River 16	ED1-2775
Okla	C R Anderson	5531 Dyer St, Dallas 6, Tex	EM8-8811
Pa	John W Knight	4 Longfellow Rd, Pittsburgh 15, Pa	ST1-8304
Pa	M M Crown	6428 Boyer St. Philadelphia 19	LI8-1122
RI	Sheldon Toder	114 Reservoir Rd, Newington, Conn	CH7-1166
Tex	C R Anderson	5531 Dyer St, Dallas 6, Tex	EM8-8811
Vt	Sheldon Toder	114 Reservoir Rd, Newington, Conn	CH7-1166
	IPPOLITO & CO INC., JAMES	**1624 Stillwell Ave, Bronx 61, NY**	**TY2-3700**
	A Ippolito #1 *46 C 200-285-1125-1455-1780-1785		
	IRON FIREMAN MFG CO. ELECTRONICS DIV	**2838 SE 9 Ave. Portland 2, Ore**	**BE4-6551**
	J Cole #16 *400 E 780-1460		
Cal	C W Moulton Co	441 W. California Ave, Palo Alto, Cal	DA6-5291
Cal	A F Sales Engineering	385 E. Green St, Pasadena, Cal	MU1-5631
Colo	Rowley Baumette Inc	1370 S. Eaton St, Denver, Colo	WA2-2624
Conn	Geist-Hotz Inc	200 Fifth St, Stamford, Conn	DA4-7300
DC	William I Duncan & Associates	5452 Charles St, Philadelphia, Pa	CU9-7525
Fla	William F Hemminger Co	624 N.E. 79th St, Miami, Fla	PL9-0300
Ind	Forrest C Valentine Inc	511-512 Ft. Wayne Bank Bldg, Ft. Wayne	AN-9122
Kan	W E Fry & Co	405 W. 34th St, Kansas City, Mo	JE1-5236
Me	Geist-Hotz Inc	200 Fifth St, Stamford, Conn	DA4-7300
Md	William I Duncan & Associates	5452 Charles St, Philadelphia, Pa	CU9-7525
Mass	Geist-Hotz Inc	200 Fifth St, Stamford, Conn	DA4-7300
Minn	Northport Engineering Inc	1729 Selby Ave, St. Paul, Minn	MI6-2621
Miss	W E Fry & Co., Inc	405 W. 34th St, Kansas City, Mo	JE1-5236
Mo	W E Fry & Co., Inc	405 W. 34th St, Kansas City, Mo	JE1-5236
NH	Geist-Hotz Inc	200 Fifth St, Stamford, Conn	DA4-7300
NJ	Kenneth E Hughes Co. Inc	4808 Bergenline Ave, Union City	UN7-3200
NY	Kenneth E Hughes Co. Inc	4808 Bergenline Ave, Union City, NJ	OX5-0802
Ohio	Forrest C Valentine Inc	Ft. Wayne Bank Bldg, Ft. Wayne, Ind	AN-9122
Pa	William I Duncan & Associates	5452 Charles St, Philadelphia, Pa	CU9-7525

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
RI	Geist-Hotz Inc	200 Fifth St, Stamford, Conn	DA4-7300
Utah	Rowley-Baumette Inc	955 Folsom, Salt Lake City, Utah	
Vt	Geist-Hotz Inc	200 Fifth St, Stamford, Conn	DA4-7300
Wash	Seatronics Inc	1506 Bush Pl, Seattle, Wash	CA8545
Foreign	Bureau de Liaison	113 Rue de L'Université, Paris, France	
	IRWIN LABS, INC	**1238 S Gerhart Ave. L A 22, Cal**	**OV5-8090**
	W Irwin #5 *10 A 895		
	ISOCHEM RESINS CO	**221 Oak St, Providence 9, RI**	**JA1-5768**
	H Selyer #4 *18 D 30-265-315-900-1125-1240-1290-1915-1930		
Cal	R E James Co	Box 321, S. Pasadena, Cal	
	ISOCYANATE PRODUCTS INC	**P. O. Box 1681, Wilmington, Del**	**EA8-5661**
	1220		
	ISOLANTITE MFG CORP	**Stirling, NJ**	**MI7-0385**
	#2 *30 C 120-175-240-900-985-975-1875-1890		
Conn	Melville Grant Assoc	Box 175, Needham 92, Mass	HI4-1432
Me	Melville Grant Assoc	Box 175, Needham 92, Mass	HI4-1432
Mass	Melville Grant Assoc	Box 175, Needham 92, Mass	HI4-1432
NH	Melville Grant Assoc	Box 175, Needham 92, Mass	HI4-1432
RI	Melville Grant Assoc	Box 175, Needham 92, Mass	HI4-1432
Vt	Melville Grant Assoc	Box 175, Needham 92, Mass	HI4-1432
	ISOMET CORP	**433 Commercial Ave, Palisades Park, NJ**	**WI4-4100**
	E Hendry D 315-410-885-895-1385-1520-1915		
	ISOTOPE DEVELOPMENTS LTD	**Bath Rd. Beenham, Reading, Berks, Eng**	**WO2121**
	J Frampton #16 *160 D 360-895-1125-1135-1810		
	ISOTRONICS INC	**Rte 46, Lodi, NJ**	**GR1-0100**
	D Grant #13 *250 E 345-845-1075-1545		
Cal	Carl E Holmes, Co	107 N Ave. 64, Los Angeles	
Ill	Ralph Roussey & Assoc	7803 W Lake St, River Forest	
Mass	Thornburn Kennedy Co	19 Forest Rd, Greenwood	
NY	R P Kennedy Co	182 Mayflower Dr, Rochester	
Wash	Richard Legg Co	1633 NW 21 Ave, Portland, Ore	
For	Straube & La Chicotte Inc	250 W 57 St. New York 19, NY	
	ITEK CORP	**Spring St. Lexington, Mass**	**VO2-7230**
•	**ITEK ELECTRO-PRODUCTS CO**	**75 Cambridge Pkwy. Cambridge, Mass**	**UN4-7200**
	W Stern #20 *150 E 415-670-895-910-1130		
Ala	Gentry Assoc	1851 Oak Ln. Orlando, Fla	GA4-0730
Cal	Kittleson Co	416 N. LaBrea Ave LA	WE3-7371
Colo	Dynatech	529 S. Ohio Ave Denver	EA2-1338
Conn	Instrument Dynamics Inc	2385 Main St. Stratford	DR8-0435
Del	Eastern Assoc	613 W. Cheltenham Ave Phila, Pa	WA7-6269
DC	Eastern Assoc	8616 Georgia Ave Silver Spring, Md	JU9-0100
Fla	Gentry Assoc	1851 Oak Ln. Orlando	GA4-0730
Ga	Gentry Assoc	1851 Oak Ln. Orlando, Fla	GA4-0730
Idah	Bennito Persitz	500 Wall St. Seattle, Wash	MA2-0793
Ill	Design & Sales Eng. Co	7603 Forsyth Blvd. St. Louis, Mo	PA1-6403
Ind	Satullo Co	4512 N. Woodward Ave. Royal Oak, Mich	LI9-3910
Iowa	Design & Sales Eng. Co	7603 Forsyth Blvd. St. Louis, Mo	PA1-6403
Kan	Design & Sales Eng. Co	7603 Forsyth Blvd. St. Louis, Mo	PA1-6403
Md	Eastern Assoc	808 Ingleside Ave Baltimore	RI4-3676
Mass	Instrument Dynamics Inc	11 Albion St. Wakefield	CR6-5100
Mich	Satullo Co	4512 N. Woodward Ave. Royal Oak	LI9-3910
Miss	Gentry Assoc	1851 Oak Ln. Orlando, Fla	GA4-0730
Mo	Design & Sales Eng. Co	7603 Forsyth Blvd. St. Louis	PA1-6403
Mont	Bennito Persitz	500 Wall St. Seattle, Wash	MA2-0793
Neb	Design & Sales Eng. Co	7603 Forsyth Blvd. St. Louis, Mo	PA1-6403
NH	Instrument Dynamics Inc	11 Albion St. Wakefield, Mass	CR6-5100
NJ	Eastern Assoc	613 W. Cheltenham Ave Phila, Pa	WA7-6269
NM	Kittleson Co	416 N. LaBrea Ave. LA, Cal	WE3-7371
NY	Land-C-Air Sales	76 Main St. Tuckahoe	WO1-4700
NC	M J McDonald Co	Pfafftown	WA4-2182
Ohio	Satullo Co	4512 N. Woodward Ave. Royal Oak, Mich	LI9-3910
Ore	Bennito Persitz	500 Wall St. Seattle, Wash	MA2-0793
Pa	Eastern Assoc	613 W. Cheltenham Ave Phila	WA7-6269
RI	Instrument Dynamics Inc	11 Albion St. Wakefield, Mass	CR6-5100
SC	M J McDonald Co	Pfafftown, NC	WA4-2182
Tenn	M J McDonald Co	Pfafftown, NC	WA4-2182
Tex	Southwestern Eng. & Eqpt	4045 Lemmon Ave. Dallas	LA6-7433
Utah	Dynatech	529 S. Ohio Ave. Denver, Colo	EA2-1338
Vt	Instrument Dynamics Inc	11 Albion St. Wakefield, Mass	CR6-5100
Va	Eastern Assoc	8616 Georgia Ave. Silver Spring, Md	JU9-0100
Wash	Bennito Persitz	500 Wall St. Seattle	MA2-0793
W Va	Satullo Co	4512 N. Woodward Ave. Royal Oak, Mich	LI9-3910
Wyo	Dynatech	529 S. Ohio Ave. Denver, Colo	EA2-1338
	ITEK LABS DIV ITEK CORP	**10 Maguire Rd. Lexington 73, Mass**	**VO2-6200**
	E Phillips #460 *1287 G 338-450-895-1810		
Cal	Itek Labs Div. Itek Corp	2526 Hanover, Palo Alto	DA1-2465
DC	Itek Labs Div. Itek Corp	1725 Eye St. NW, Washington 6	DI7-1050
Mass	Itek Labs Div. Itek Corp	75 Cambridge Pkwy. Cambridge 42	UN4-7200
Ohio	Itek Labs Div. Itek Corp	345 Talbott Tower, Dayton 2	BA6-3409
	J B ELECTRONIC TRANSFORMERS INC	**2310 W Armitage Ave. Chicago 47, Ill**	**AR6-0444**
	E Paluch #4 *90 D 1460-1855		
Ariz	Jack Berman Co	8146 N. 1st Ave. Phoenix	
Cal	Korm Koelke & Assoc	28-37th Ave. San Mateo	FI1-8161
Cal	Jack Berman Co	1141 S. LaCienega Blvd. LA 35	OL5-8920
Colo	Nelson Co	710 E. Louisiana St. Denver 10	PE3-5528
Haw	Dougherty Enterprises	149 Kailua St. Kailua	
Mass	Stanley A Harris Co	1241 Highland Ave. Needham 92	HI4-4780
Mich	Grant Shaffer Co	14241 Fenkell Ave. Detroit 27	BR3-5390
Minn	Ray Ripley & Assoc	7222 James Ave. S. Mpls	
NJ	Jules Kornberger	Box 218, Marlton	HA8-4050
NY	Frank Tylinski Co	73-63 Bell Blvd. Bayside	HO4-8972
Tex	J Earl Smith	6211 Denton, Dallas	FL7-1727
Wis	Charles Rossi Sales Co	2429 N. 73rd Ave. Chicago 35, Ill	GL6-4710
	J-B ELECTRONICS INC	**2340 E. Elvira Rd, Tucson, Ariz**	**MA3-4388**
	800-1290-1565		

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
•	**J-B-T INSTRUMENTS INC**	**133 Hamilton St, New Haven 8, Conn**	**ST7-5825**
	W Oliver #6 *160 E 195-1460-1735-1855		
Ala	James Millar Assoc	1036 Peachtree St. NE, Atlanta 9, Ga	TR6-0919
Alas	James J Backer Co	221 W. Galer St. Seattle 99, Wash	AT3-6470
Ariz	A J Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	KE4-6751
Ark	Crockett Sales Co., The	2204 Griffin St. Dallas 1, Tex	RI8-8209
Cal	Howard W Saul & Assoc	5015 San Vicente Blvd, LA 19	WE8-3591
Cal	F W Muelthrop Co	1530 E. 12th St, Oakland	AN1-7676
Colo	A J Nelson Co	710 E. Louisiana Ave, Denver 10	KE4-6751
Conn	Adams-McGregor Assoc	16 Ridgewood Circle, Wallingford	CO3-5816
Del	Massey Assoc	6607 Riverdale Rd, Riverdale, Md	AP7-1023
DC	Massey Assoc	6607 Riverdale Rd, Riverdale, Md	AP7-1023
Fla	James Millar Assoc	1036 Peachtree St, NE, Atlanta 9, Ga	TR6-0919
Ga	James Millar Assoc	1036 Peachtree St, NE, Atlanta 9	TR6-0919
Haw	Jim Heston Sales Co	Box 2798, Honolulu 5	HA9-5141
Idaho	A J Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	KE4-6751
Ill	Instrument Sales Co	4528 W. Lawrence Ave, Chicago 30	KI5-7777
Ill	H A Roes & Co	3601 Cherry St, KC 8, Mo	BA1-0866
Ind	H A Roes & Co	3601 Cherry St, KC 8, Mo	BA1-0866
Ind	Walter W Bieberich & Sons	2817 Plaza Dr, Ft. Wayne 5	KE 2928
Iowa	Instrument Sales Co	4528 W. Lawrence Ave, Chicago 30, Ill	KI5-7777
Iowa	Heimann Co., The	1711 Hawthorne Ave, Mnpls 3, Minn	FE2-5457
Kan	H A Roes & Co	3601 Cherry St, KC 8, Mo	BA1-0866
Ky	Chas. H Dolfuss Jr. & Co	21st & Payne Ave, Cleve 14, Ohio	PR1-1270
La	Crockett Sales Co., The	2204 Griffin St. Dallas 1, Tex	RI8-8209
Me	Adams-McGregor Assoc	66 Lakeview Rd. Lincoln, RI	PA6-1300
Md	Massey Assoc	6607 Riverdale Rd, Riverdale	AP7-1023
Mass	Adams-McGregor Assoc	66 Lakeview Rd, Lincoln, RI	PA6-1300
Mich	Henschen, James & Co	2842 W. Grand Blvd, Detroit 2	TR1-0308
Minn	Heimann Co., The	1711 Hawthorne Ave, Mnpls 3	FE2-5457
Miss	Crockett Sales Co	2204 Griffin St. Dallas 1, Tex	RI8-8209
Mo	H A Roes & Co	3601 Cherry St. KC 8	BA1-0866
Mo	H A Roes & Co	7120 W. Florissant, St. Louis 21	
Mont	A J Nelson Co	710 E. Louisiana Ave. Denver 10, Colo	KE4-6751
Neb	H A Roes & Co	3601 Cherry St. KC 8, Mo	BA1-0866
Nev	Howard W Saul & Assoc	5015 San Vicente Blvd. LA, Cal	WE8-3591
Nev	F W Muelthrop Co	1530 E. 12th St. Oakland, Cal	AN1-7676
NH	Adams-McGregor Assoc	66 Lakeview Rd. Lincoln, RI	PA6-1300
NJ	Massey Assoc	129 Brookhurst Ave, Narberth, Pa	MO4-4200
NJ	D F Tobias & Co	30 Church St. NY 7, NY	CO7-4349
NM	A J Nelson Co	710 E. Louisiana Ave. Denver 10, Colo	KE4-6751
NY	D F Tobias & Co	30 Church St. NY 7	CO7-4349
NY	Frank W Taylor Co, Inc	1455 E. Genesee, DeWitt	GI6-0422
NC	James Millar Assoc.	1036 Peachtree St. NE, Atlanta 9, Ga	TR6-0919
ND	Heimann Co., The	1711 Hawthorne Ave. Mnpls, Minn	FE2-5457
Ohio	Chas H Dolfuss Jr. & Co	21st & Payne Ave. Cleve 14	PR1-1270
Okla	H A Roes & Co	3601 Cherry St. KC 8, Mo	BA1-0866
Ore	James J Backer Co	221 W. Galer St. Seattle 99, Wash	AT3-6470
Pa	Massey Assoc	129 Brookhurst Ave. Narberth	MO4-4200
Pa	Gene S Reed & Co	732 Valleyvista Ave. Pittsburgh 34	LO1-4125
RI	Adams-McGregor Assoc	66 Lakeview Rd. Lincoln	PA6-1300
SC	James Millar Assoc	1036 Peachtree St. NE, Atlanta 9, Ga	TR6-0919
SD	Heimann Co., The	1711 Hawthorne Ave, Mnpls 3, Minn	
Tenn	James Millar Assoc	1036 Peachtree St. NE, Atlanta 9, Ga	TR6-0919
Tex	Lund & Co	2215 N. Olive St. Dallas 14	RI8-8639
Utah	A J Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	
Vt	Adams-McGregor Assoc	66 Lakeview Rd. Lincoln, RI	PA6-1300
Va	Massey Assoc	6607 Riverdale Rd, Riverdale, Md	AP7-1023
Wash	James J Backer Co	221 W. Galer St. Seattle 99	AT3-6470
W Va	Massey Assoc	6607 Riverdale Rd. Riverdale, Md	AP7-1023
Wis	Heimann Co	1711 Hawthorne Ave. Mnpls 3, Minn	FE2-5457
Wyo	A J Nelson Co	710 E. Louisiana Ave. Denver 10, Colo	KE4-6751
For	R C Hahnert Sales Ltd	73 Crockford Blvd, Scarborough, Ont	PL7-5171
Can	R C Hahnert Sales Ltd	73 Crockford Blvd. Scarborough, Ont	PL7-5171
Can	C H Robinson Co	1550 Erie St, Winnipeg, Man	SP4-1855
•	**J F D ELECTRONICS CORP**	**6101 16th Ave, Brooklyn 4, NY**	**DE1-1000**
	G Kase #45 *700 45-220-320-450-670-900-1075-1125-1135-1200-1385-1585-1645-1855-1885-1890		
Ala	Grady Duckett Sales Co	26 E Andrews Dr. Atlanta, Ga	CE3-5308
Alaska	J F D Western Div	7311 Van Nuys Blvd, Van Nuys, Cal	ST1-3530
Ariz	Pemwarden-Dailey Associates	7311 Van Nuys Blvd, Van Nuys, Cal	ST2-4920
Ark	Texport Co	2147 Farrington Blvd, Dallas 6, Tex	RI7-6886
Cal	J F D Western Div	7311 Van Nuys Blvd, Van Nuys, Cal	ST1-3530
Cal	Pemwarden-Dailey Associates	7311 Van Nuys Blvd, Van Nuys, Cal	ST2-4920
Cal	Nickerson-Gray & Associates	P.O.Box 295, Sta A, Palo Alto, Cal	DA6-0152
Colo	Longstreet-Smith Associates	1013 Fifteenth St, Denver, Colo	KE4-5091
Conn	Kitchen & Hutchins Inc	789 Massachusetts Ave, Lexington, Mass	VO2-8230
Del	Wm Duncan Associates	5452 Charles St, Philadelphia, Pa	CU9-7525
DC	Wm Duncan Associates	5452 Charles St, Philadelphia, Pa	CU9-7525
Fla	Smith-Duckett Sales Co	P.O.Box 1946, Stuart, Fla	AT7-1252
Ga	Grady Duckett Sales Co	26 E. Andrews Dr, N.E., Atlanta, Ga	CE3-5308
Ill	JFD Midwestern Div	6414 W Higgins Ave, Chicago	SP4-4174
Ind	Burt Anderson & Associates	6414 W. Higgins Ave, Chicago 31, Ill	SP4-4175
Ind	James W Murray	P.O.Box 28, Cincinnati 11, Ohio	HU1-9726
Iowa	Burt Anderson & Associates	6414 W. Higgins Ave, Chicago 31, Ill	SP4-4175
Kan	W E Fry Co	406 W. 34th St, Kansas City, Mo	JE1-5296
Ky	James W Murray	P.O.Box 28, Cincinnati 11, Ohio	HU1-9726
La	Texport Co	2147 Farrington Blvd, Dallas 6, Tex	RI7-6886
Me	Kitchen & Hutchins Inc	789 Massachusetts Ave, Lexington, Mass	VO2-8230
Md	Wm Duncan Associates	5452 Charles St, Philadelphia, Pa	CU9-7525
Mass	JFD New England	Rath Dr, Marlboro	
Mass	Kitchen & Hutchins Inc	789 Massachusetts Ave, Lexington	VO2-8230
Mich	Arnold Johnson	7965 Kenwood Rd, Cincinnati 36, Ohio	TW1-6900
Minn	H M Richardson Co	9 E. 22 St, Minneapolis, Minn	FE6-4078
Miss	Grady Duckett Sales Co	26 E Andrews Dr, Atlanta, Ga	
Mo	W E Fry Co	4375 Lindell Blvd, St. Louis, Mo	EV3500
Mo	W E Fry Co	4378 Lindell Blvd, St. Louis, Mo	EV3500
Nev	Nickerson-Gray & Associates	P.O.Box 295, Sta A, Palo Alto, Cal	DA6-0152
NJ	Barrett Binder & Co	121 Oak St, Tenafly, NJ	LO8-2354
NJ	Wm Duncan Associates	5452 Charles St, Philadelphia, Pa	CU9-7525
NM	Longstreet-Smith Associates	2708 Carol Ave, N.E., Albuquerque, NM	AX9-8013
NY	Barrett Binder & Co	121 Oak St, Tenafly, NJ	LO8-2354
NY	Components for Industry	100 Greenhaven Terr, Tonawanda, NY	JA7900
NC	Fleming-Duckett Sales Co	P.O.Box 11402, Charlotte 9, NC	JA3-6937
ND	H M Richardson Co	9 E. 22 St, Minneapolis, Minn	FE6-4078
Ohio	Arnold Johnson	7965 Kenwood Rd, Cincinnati 36, Ohio	TW1-6900
Ohio	James W Murray	P.O.Box 28, Cincinnati 11, Ohio	HU1-9726
Okla	Texport Co	2147 Farrington Blvd, Dallas 6, Tex	RI7-6886
Ore	Harry Levinson Co	1711 E Denny Way, Seattle, Wash	EA3-5100
Ore	J F D Western Div	7311 Van Nuys Blvd, Van Nuys, Cal	ST1-3530
Pa	Wm Duncan Associates	5452 Charles St, Philadelphia, Pa	CU9-7525
Pa	Arnold Johnson	7965 Kenwood Rd, Cincinnati 36, Ohio	TW1-6900
SC	Fleming-Duckett Sales Co	P.O.Box 11402, Charlotte 9, NC	JA3-6937
SD	H M Richardson Co	9 E. 22 St, Minneapolis, Minn	FE6-4078
Tenn	Fleming-Duckett Sales Co	P.O.Box 11402, Charlotte 9, NC	JA3-6937
Tex	Texport Co	2147 Farrington Blvd, Dallas 6, Tex	RI7-6886
Utah	Longstreet-Smith Associates	1013-15 St, Denver, Colo	KE4-5091
Vt	Kitchen & Hutchins Inc		
Va	Wm Duncan Associates	5452 Charles St, Philadelphia, Pa	CU9-7525
Wash	Harry Levinson Co	1711 E Denny Way, Seattle	EA3-5100
Wash	J F D Western Div	7311 Van Nuys Blvd, Van Nuys, Cal	ST1-3530
W. Va	Mike Roth Sales Co	13947 Cedar Rd, Cleveland, Ohio	YE2-4262
Wisc	Burt Anderson & Associates	6414 W. Higgins Ave, Chicago, Ill	SP4-4175
Wisc	H M Richardson Co	9 E. 22 St, Minneapolis, Minn	FE6-4078
Canada	J F D Canada Ltd	51 McCormack St, Toronto, Ont, Can	RO9-1129
Foreign	J F D International	15 Moore St, New York, NY	BO9-6272
	J & G MACHINE CO., INC.	**42 Lagrange St, Worcester, Mass**	**PL3-5685**
	L Abysell #1 *8 A 770-790-1075		
Ala	Pierre H Duba Co	4500 Gulf Dr. Bradenton Beach, Fla	BR9-3131
Del	Henry A Goodman	401 W. Mt. Airy Ave. Phila, Pa	CH7-7116
DC	Henry A Goodman	401 W. Mt. Airy Ave. Phila, Pa	CH7-7116
Fla	Pierre H Duba Co	4500 Gulf Dr. Bradenton Beach	BR9-3131
GA	Pierre H Duba Co.	4500 Gulf Dr. Bradenton Beach, Fla	BR9-3131
Md	Henry A Goodman	401 W. Mt. Airy Ave. Phila, Pa	CH7-7116
Miss	Pierre H Duba Co	4500 Gulf Dr. Bradenton Beach, Fla	BR9-3131
NJ	Henry A Goodman	401 W. Mt. Airy Ave. Phila, Pa	CH7-7116
NJ	Emanuel Landes Sales Co	217 Neck Rd. Brooklyn 23, NY	NI5-1075
NY	Emanuel Landes Sales Co	217 Neck Rd. Brooklyn 23	NI5-1075
Ohio	Walter J Brauer & Assoc	15631 Lakewood Hgts. Blvd. Cleve	LA1-7268
Pa	Henry A Goodman	401 W. Mt. Airy Ave. Phila	CH7-7116
Tenn	Pierre H Duba Co	4500 Gulf Dr. Bradenton Beach, Fla	BR9-3131
Va	Henry A Goodman	401 W. Mt. Airy Ave. Phila, Pa	CH7-7116
W Va	Walter J Brauer & Assoc	15631 Lakewood Hgt. Blvd. Cleve, Ohio	LA1-7268
For	Artmark Assoc. Inc	15 Pk. Row, NY 38, NY	
	JACK & HEINTZ DIV SIEGLER CORP	**Box 6719, Cleveland 1, Ohio**	**MO2-1000**
	S Neville #100 *1250 G 20-195-345-895-915-1165-1455-1460-1645-1855		
Cal	Jack & Heintz Div. Siegler Corp	1009 W Arbor Vitae St. Inglewood 1	OR8-4921
DC	Jack & Heintz Div. Siegler Corp	E Laboratory Bldg. Washington 1	DI7-5514
Ga	Jack & Heintz Div. Siegler Corp	1430 W Peachtree St NW, Atlanta 9	872-7025
NY	Jack & Heintz Div. Siegler Corp	390 Plandome Rd. Manhasset	MA7-7850
Ohio	Jack & Heintz Div. Siegler Corp	2640 St Charles Ave. Dayton 10	CL4-4181
Tex	Jack & Heintz Div. Siegler Corp	6300 N Central Expwy. Dallas 6	EM8-2876
Wash	Jack & Heintz Div. Siegler Corp	Pacific Nat'l Bank Bldg. Bellevue	GL4-3348
Can	Aircraft Appliances & Eqpt, Ltd	585 Dixon Rd, Rexdale, Ont	CH4-5506
For	Rocke International Corp	13 E 40th St. New York 16, NY	MU9-0200
	JACKES-EVANS MFG CO	**4427 Geraldine Ave, St. Louis 15, Mo**	
	1920		
	JACKSON BROS (LONDON) LTD	**258 Broadway, New York 7, NY**	**WO2-5485**
	M Swedgel 220-390-535-895-905-1795		
For	Jackson Bros (London) Ltd	Kingsway, Waddon, Surrey, Eng	
	JACKSON ELECTRICAL INSTRU CO	**124 McDonough St, Dayton 2, Ohio**	**BA4-0367**
	J Hawkins #4 *50-60 C 895-1340		
Ariz	Harry A Moore Sales Co	P.O. Box 7245, Phoenix, Ariz	CR4-0058
Cal	W J Barron Co	P.O. Box 653, Encino	RI8-6191
Cal	F W Muelthrop Co	1530 E 12th St. Oakland	AN1-7676
Colo	McLoud & Raymond Co	2151 S Grape St. Denver 22	SK6-1589
Ill	Jack Woolf	6747 N. Octavia Ave, Chicago, Ill	RO3-1300
Ind	Southern Sales Co	Box 105, Angola, Ind	777
Md	The Eberle-Schaar Co	425 Stratford Rd, Baltimore 28, Md	RI7-3227
Mass	W B Pray Sales Co	44 Washington St, Wellesley, Mass	CE5-3199
Mich	Butchart & Raffelsburg Assoc	8735 E Jefferson Ave. Detroit 14	VA1-6621
Minn	Marvin H Kinsley	264 Sunnyridge Ln, Minneapolis, Minn	FR7-3239
Mo	Paul G Schulz Co	P.O. Box 9021, Hickman Mills, Mo	SO1-6757
NJ	H A Stambing Co	680 Bergen Ave, Jersey City, NJ	DE6-2255
NY	Electro-Rep Sales Co	187 Culver Rd, Rochester, NY	GR3-7350
Ohio	Sid Levin & Associates	6252 Mayfield Rd, Cleveland, Ohio	HI2-8340
Pa	James H Pudney Co	5812 Penn Ave, Pittsburgh 6, Pa	HI1-0800
Pa	Martin Weinberg	1172 E. Chelten St, Philadelphia, Pa	LI9-1122
Tex	Jack Yount Co	1431 Pleasant Dr, Dallas 17, Tex	EX1-1631
Wash	Marsh Agencies	2801 First Ave, Seattle, Wash	MA8761
Canada	Canadian Marconi Co	830 Bayview Ave, Toronto 17, Ont, Can	HU1-5221
Foreign	C O Brandes Inc	4900 Euclid Ave, Cleveland 3, Ohio	HE1-0414
	JACOBSON NUT MFG CORP	**P O Box 177, Kenilworth, NJ**	**MU6-0200**
	C Aagaard *73 E 1205		
Ala	William A Low Jr	1211 Sheridan Rd, N.E., Atlanta, Ga	ME6-5072
Ariz	John Grether	Box 1036, Perry Annex, Whittier, Cal	OW7-7812
Ark	C R Eaves Co	P.O.Box 1301, Dallas, Tex	
Cal	John Grether	Box 1036, Perry Annex, Whittier, Cal	OW7-7812
Colo	John Grether	Box 1036, Perry Annex, Whittier, Cal	OW7-7812
Conn	Thomas J Hatzis & Sons	Park Square, Boston 16, Mass	HA6-7410
Del	Charles H Gardner Co	3701 N. Broad St, Philadelphia 40, Pa	BA5-4384
DC	Charles H Gardner Co	3701 N. Broad St, Philadelphia 40, Pa	BA5-4384
Fla	William A Low Jr	1211 Sheridan Rd, N.E., Atlanta, Ga	ME6-5072
Ga	William A Low Jr	1211 Sheridan Rd, N.E., Atlanta, Ga	ME6-5072
Idaho	John Grether	Box 1036, Perry Annex, Whittier, Cal	OW7-7812
Ill	Karl D Engle Co	4724 N. Sheridan Rd, Chicago 40, Ill	UP8-6363
Ill	F O Wood Sales Co	3508 W. 89th St, Kansas City 15, Mo	MI9-1084
Ind	Karl D Engle Co	4724 N. Sheridan Rd, Chicago 40, Ill	UP8-6363
Iowa	Robert Burchett	2504 Harrison St, Davenport, Iowa	
Kan	F O Wood Sales Co	3508 W. 89th St, Kansas City 15, Mo	MI9-1084
Ky	John Petrie	5767 Mayfield Rd, Cleveland 24, Ohio	HI2-5530
La	C R Eaves Co	P.O.Box 1301, Dallas, Tex	
Me	Thomas J Hatzis & Sons	Park Square, Boston 16, Mass	HA6-7410
Md	Charles H Gardner Co	3701 N. Broad St, Philadelphia 40, Pa	BA5-4384
Mass	Thomas J Hatzis & Sons	Park Square, Boston 16, Mass	HA6-7410
Mich	Daniel J Clifford	623 Fisher Bldg, Detroit 2, Mich	TR5-3544
Minn	Ivanhoe Sales Co	217 N. Ivanhoe Ln, Minneapolis 27, Minn	LI5-7311
Miss	William A Low Jr	1211 Sheridan Rd, N.E., Atlanta, Ga	ME6-5072
Mo	F O Wood Sales Co	3508 W. 89th St, Kansas City 15, Mo	MI9-1084
Mont	John Grether	Box 1036, Perry Annex, Whittier, Cal	OW7-7812
Neb	F O Wood Sales Co	3508 W. 89th St, Kansas City 15, Mo	MI9-1084
Nev	John Grether	Box 1036, Perry Annex, Whittier, Cal	OW7-7812
NH	Thomas J Hatzis & Sons	Park Square, Boston 16, Mass	HA6-7410
NJ	Davis McCormick Co	132 Nassau St, New York 38, NY	RE2-5470
NJ	Charles H Gardner Co	3701 N. Broad St, Philadelphia 40, Pa	BA5-4384
NM	John Grether	Box 1036, Perry Annex, Whittier, Cal	OW7-7812
NY	Davis-McCormick Co	132 Nassau St, New York 38, NY	RE2-5470
NY	Hansen Sales Co	1250 E. Main St, Rochester 9, NY	HU2544
NC	William A Low Jr	1211 Sheridan Rd, N.E., Atlanta, Ga	ME6-5072
ND	Ivanhoe Sales Co	217 N. Ivanhoe Ln, Minneapolis 27, Minn	LI5-7311
Ohio	John Petrie	5767 Mayfield Rd, Cleveland 24, Ohio	HI2-5530
Okla	C R Eaves Co	P.O.Box 1301, Dallas, Tex	
Ore	A J Hanson Co	4003 Ninth, N.W., Seattle 7, Wash	SU4-8030
Pa	Charles H Gardner Co	3701 N. Broad St, Philadelphia 40, Pa	BA5-4384
Pa	John Petrie	5767 Mayfield Rd, Cleveland 24, Ohio	HI2-5530
RI	Thomas J Hatzis & Sons	Park Square, Boston 16, Mass	HA6-7410
SC	William A Low Jr	1211 Sheridan Rd, N.E., Atlanta, Ga	ME6-5072
SD	John Grether	Box 1036, Perry Annex, Whittier, Cal	OW7-7812
Tenn	William A Low Jr	1211 Sheridan Rd, N.E., Atlanta, Ga	ME6-5072
Tex	C R Eaves Co	P.O.Box 1301, Dallas, Tex	
Utah	John Grether	Box 1036, Perry Annex, Whittier, Cal	OW7-7812
Vt	Thomas J Hatzis & Sons	Park Square, Boston 16, Mass	HA6-7410
Va	Grainger's Sales Engineering	728 Stradone Rd, Bala-Cynwyd, Pa	MO4-2093
Wash	A J Hanson Co	4003 Ninth, N.W., Seattle 7, Wash	SU4-8030
W. Va	Grainger's Sales Engineering	728 Stradone Rd, Bala-Cynwyd, Pa	MO4-2093
Wisc	Clarence Binzel	808 N. Third St, Milwaukee 3, Wisc	BR2-7633
Wyo	John Grether	Box 1036, Perry Annex, Whittier, Cal	OW7-7812
	JADOW INC., B	**860 Broadway, NY 3, NY**	**GR5-4450**
	B Goode *60 E 75-90-175-930-1510-1690-1825		
	JAIDINGER MFG CO., INC	**1916 W. Hubbard St, Chicago 22, Ill**	**HA1-1090**
	J Jaidinger #2 *65 C 1460-1735		
	JAMES ELECTRONICS INC	**4050 N. Rockwell St, Chicago 18, Ill**	**CO7-6333**
	J Kennedy #9 *150 E 275-320-330-365-470-1145-1460-1855-1935		
Ala	Stan Wallace & Assoc	1453 Linda Vista Dr, Birmingham	VA2-2196
Cal	Bellilove Co	420 Market St, San Fransisco, Cal	YU2-3713
Cal	Lee Grant Snyder Co	1418 Highland Ave, Los Angles, Cal	HO9-6278
Colo	Paul Pomeroy	1450 Pennsylvania St, Denver, Colo	AL5-2777
Fla	Stan Wallace & Assoc	P.O. Box 67, Lutz, Fla	WE9-3241
Ga	Stan Wallace & Assoc	715 Flamingo Dr S.W., Atlanta, Ga	PL3-8463
Ill	Don Bauer	2006 Harrison St, Evanston, Ill	GR5-3083
Ind	Walter Bieberich & Sons	2817 Plaza Dr, Fort Wayne, Ind	KE2928
Md	L G White & Co	801 Boniface, Silver Spring, Md	JU5-3141
Mass	Stan Pierce	583 Neponset St, Norwood, Mass	NO7-3164
Mich	Shalco	23525 Woodward Ave, Ferndale, Mich	LI7-4771
Minn	Wm Engelbretson	906 Ottawa Ave, St Paul 5, Minn	CA2-2338
Mo	Kelly-Schmitz-Winkeler	407 W 74th St Terr, Kansas City, Mo	EM1-5651
NJ	Jules Bressler Assoc	4600 Bergenline, Union City, NJ	UN4-9577
NC	Stan Wallace & Assoc	P.O. Box 11377, Charlotte, NC	JA3-6109
NC	L G White & Co	2225 Brant St, Winston-Salem, NC	
Ohio	Edwards-Lohce Co	2123 E. 9th St, Cleveland, Ohio	TO1-5753
Ore	Dale Weber	8 S.E. Clay St, Portland, Ore	BE4-7671
Pa	L G White & Co	120 Forrest Ave, Narberth, Pa	MO4-6506
Tenn	Stan Wallace Assoc	638 Rochelle Dr, Nashville, Tenn	
Tex	Ammon & Champion Co	2714 Bomar St, Dallas 4, Tex	EL7-3909
For	Comet Corp	541 Lake Shore Dr, Chicago, Ill	DE7-2292
	JAMPRO ANTENNA CO	**7500 14th Ave. Sacramento 20, Cal**	**GL1-4375**
	P Onnigian #4 *8 B 45-670-1135		
DC	Gates Radio Co	Warner Bldg, Washington 4	ME8-0522
Ill	Gates Radio Co	123 Hampshire, Quincy, Ill	BA2-8202
Ind	Sarkes Tarzian Inc. BED	E Hillside Dr, Bloomington	ED2-7251
NY	Telesco International Corp	36 W. 40th St, New York, NY	
NY	Visual Electronics Inc	356 W 40th St, New York 18	PE6-5840
Can	Canadian Marconi Co	2442 Trenton Ave. Montreal, Que	RE8-9441
For	Rocke International Corp	13 E 40th St. New York City 16, NY	MU9-0200
	JAN HARDWARE MFG CO., INC	**38-01 Queens Blvd, Long Island City, NY**	**EM1-0800**
	#3 *25 E 100-190-233-345-390-535-595-605-750-790-830-925-960-1055-1075-1095-1120-1125-1205-1290-1295-1315-1505-1535-1575-1580-1615-1700		
Cal	Robert Bray Co	11 N Mentor Ave. Pasadena	MU1-3751
Conn	Mosher & Peyser Co	945 Great Plain Ave. Needham, Mass	HI4-1400
Del	Naudain-Bohaker Co	Suburban Sta Bldg, Philadelphia, Pa	LO4-3194
DC	Naudain-Bohaker Co	Box 276, McLean, Va	
Fla	Components Sales Corp	N Miami Beach	WI5-7721
Fla	Components Sales Corp	St Petersburg	7-7904
Ill	PGM Component Sales, Inc	2942 N Sheridan Rd	BU1-2112
Ind	Forrest C Valentine	Ft Wayne Bank Bldg, Ft Wayne	AN9122
Iowa	PGM Component Sales, Inc	2942 N Sheridan Rd	BU1-2112
Kan	Sobel & Associates	7603 Forsyth Blvd. Clayton 5, Mo	PA6-4616
Ky	Forrest C Valentine	Ft Wayne Bank Bldg, Ft Wayne, Ind	
Me	Mosher & Peyser Co	945 Great Plain Ave, Needham, Mass	
Md	Naudain-Bohaker Co	7305 York Rd, Towson 4	VA4-5492
Mass	Mosher & Peyser Co	945 Great Plain Ave. Needham	HI4-1400
Mo	Sobel & Associates	7603 Forsyth Blvd. Clayton	PA6-4616
NH	Mosher & Peyser Co	945 Great Plain Ave. Needham, Mass	HI4-1400
NJ	Harold Gray Assoc	8-10 Highwood Ave. Tenafly	LO7-3585
NY	Harold Gray Assoc	8-10 Highwood Ave. Tenafly, NJ	BR9-3766
Ohio	Forrest C Valentine	Ft Wayne Bank Bldg, Ft Wayne, Ind	AN9122
Okla	John A Green Co	Box 911, Tulsa	RI2-4657
Pa	Naudain-Bohaker Co	Suburban Sta Bldg, Philadelphia	LO4-3194
RI	Mosher & Peyser Co	945 Great Plain Ave, Needham, Mass	HI4-1400
Tex	John A Green Co	3400 Montrose, Houston	JA6-2959
Tex	John A Green Co	7118 Envoy Ct. Dallas 7	FL1-3547
Vt	Mosher & Peyser Co	945 Great Plain Ave, Needham, Mass	HI4-1400
Va	Naudain-Bohaker Co	Box 276, McLean	EL6-3492
W Va	Naudain-Bohaker Co	Box 276, McLean, Va	
Can	J J Mac Quarrie Sales	167 College St. Toronto 2, Ont	
	JANCO CORP	**3111 Winona Ave, Burbank, Cal**	**TH8-5792**
	S Key #2 *100 D 185-940-960-1125-1595-1735-1810		
Ala	Lynd A Walking	2436 Glenwood Ave, Atlanta 17, Ga	DR3-3346
Ariz	Carl Hower & Co	302 N. Marshall Ave, Scottsdale, Ariz	WH5-7813
Cal	Paul Hillebrand	6232 Terragona Dr, San Diego, Cal	JU2-4577
Cal	Artwell Electric Co	1485 Bayshore Blvd, San Francisco	JU6-4774
Colo	Sanford Co	1727 E. Second St, Wichita 2, Kan	AM5-3563

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Conn	Charles F Ward	33 Coventry Ave, Albertson, NY	P12-5561
Del	Charles F Ward	33 Coventry Ave, Albertson, NY	P12-5561
DC	Charles F Ward	33 Coventry Ave, Albertson, NY	P12-5561
Fla	Lynd A Walking	2436 Glenwood Ave, Atlanta 17, Ga	DR3-8346
Ga	Lynd A Walking	2436 Glenwood Ave, Atlanta 17, Ga	DR3-8346
Ill	O E M Sales Co	2800 E 39th, Indianapolis, Ind	L15-1267
Ill	Wilco Engineering Co	P.O. Box 5691, Union Sta, Indpls 5, Ind	L16-2452
Ind	O E M Sales Co	2800 E 39th, Indianapolis	L15-1267
Ind	Wilco Engineering Co	P.O. Box 5591, Union Sta, Indpls 5, Ind	L16-2452
Iowa	Sanford Co	1727 E. Second St, Wichita 2, Kan	AM5-3553
Kan	Sanford Co	1727 E. Second St, Wichita 2, Kan	AM5-3553
Ky	Lee Sales Co	4447 Needmore Rd. Dayton 24, Ohio	
Me	Charles F Ward	33 Coventry Ave, Albertson, NY	P12-5561
Md	Charles F Ward	33 Coventry Ave, Albertson, NY	P12-5561
Mass	Charles F Ward	33 Coventry Ave, Albertson, NY	P12-5561
Mich	Lee Sales Co	4447 Needmore Rd. Dayton 24, Ohio	
Mo	Sanford Co	1727 E. Second St, Wichita 2, Kan	AM5-3553
NH	Charles F. Ward	33 Coventry Ave, Albertson, NY	P12-5561
NJ	Charles F Ward	33 Coventry Ave, Albertson, NY	P12-5561
NY	Charles F Ward	33 Coventry Ave, Albertson, NY	P12-5561
Ohio	Lee Sales Co	4447 Needmore Rd. Dayton 24	
Okla	Edward F. Aymond Co	4312 Maple Ave, Dallas 19, Tex	LA6-5233
Ore	The Norwest Co	210 N. 36th St, Seattle 3, Wash	ME3-3232
Pa	Charles F Ward	33 Coventry Ave, Albertson, NY	P12-5561
RI	Charles F Ward	33 Coventry Ave, Albertson, NY	P12-5561
Tex	Edward F. Aymond Co	4312 Maple Ave, Dallas 19, Tex	LA6-5233
Utah	Sanford Co	P.O. Box 122, Salt Lake City 8, Utah	IN6-2817
Vt	Charles F Ward	33 Coventry Ave, Albertson, NY	P12-5561
Wash	The Norwest Co	210 N. 36th, Seattle 3, Wash	ME3-3232

JANDOR INC — 428 Salem Ave, Dayton 6, Ohio — CR5-5441
135-180-260-900-1120-1125-1249-1290

JANITROL AIRCRAFT DIV., MIDLAND-ROSS CORP — 4200 Surface Rd. Cleve 4, Ohio — BR6-3561
W Eckle #62 *500 F 360-370

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Janitrol Aircraft Div	6214 W Manchester Ave. L A 45	SP6-1990
Conn	Janitrol Aircraft Div	1007 Farmington Ave. West Hartford	AD2-5971
DC	Janitrol Aircraft Div	4600 East-West Hwy, Wash 14	OL4-2171
Ohio	Midland Ross Corp	55 Public Square, Cleve 1	PR1-4825
Pa	Janitrol Aircraft Div	Suburban Square Bldg, Ardmore	MI2-6342
Tex	Janitrol Aircraft Div	2509 W Berry St. Ft Worth 9	WA6-3386

JANSEN ELECTRONICS MFG INC — 2285 University Ave, St. Paul, Minn — MI6-7458
W Rasmussen #1 *21 300

• **JAPAN PIEZO ELECTRIC CO. LTD** — 801 Kami-renjaku, Mitaka, Tokyo, Japan — 022-5-3151
H Ogata #48 *900 E 410-555-1130-1165-1195-1255-1265-1270-1675-1905

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
For	Leon Finzi Nesim Palti Ve Ortaklari	Galta, Hezaren Caddesi 90, Istanbul, Turkey	

• **JAPAN SERVO CO. LTD** — 7 Kanda Mitoshiro-cho, Chiyoda-ku Tokyo, Jap — 231-3591
H Amemone #106 *540 E 1165

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Asahi New York Inc	400 Montgomery St. SF 4	
Cal	Asahi New York Inc	408 S. Spring St. LA 13	
NY	Asahi New York Inc	19 Rector St. NY 6	HA2-8435

JARRELL-ASH CO — 26 Farwell St. Newtonville 60, Mass — DE2-2130
J Schoch *250 338-885-895-1990

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	G M Roberts	1430 Monroe Dr. NE Atlanta	TR6-9020
Ariz	R E Alvord	1789 Lexington Ave. San Mateo, Cal	F11-2814
Ark	Southwestern Eng & Equip Co	4045 Lemmon Ave. Dallas 19, Tex	LA6-7433
Cal	R E Alvord	1789 Lexington Ave. San Mateo	F11-2814
Colo	R E Alvord	1789 Lexington Ave. San Mateo, Cal	F11-2814
Del	M S Stish	916 Greenhill Rd. Pittsburgh 9, Pa	TA1-2990
DC	Gene M Roberts	1430 Monroe Dr. NE Atlanta, Ga	TR6-9020
Fla	Gene M Roberts	1430 Monroe Dr. NE Atlanta, Ga	TR6-9020
Ill	Raymond F Goulet	667 W. Roosevelt Rd. Lombard	MA9-1685
Mich	Vincent Walbridge	18667 Woodbine St. Detroit	KE1-4287
Can	Technical Service Laboratories	355 King St. W. Toronto 2B, Ont	EM2-4248

JAVEX ELECTRONICS — P. O. Box 646, Redlands, Cal
#2 *30 C 50-300-345-305-1135-1315-1630-1735-1780

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Fred Womble Sales	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Cal	Wallace & Wallace	1206 Maple Ave, Los Angeles 15, Cal	RI7-0481
Ill	Morton L Friedman Co	2814 W. Balmoral Ave, Chicago 25, Ill	LO1-4257
Mass	L R Provencher & Assoc	525 Pleasant St, Worcester 2, Mass	PL3-8187
Minn	Northern States Sales	1400 Park Ave, Minneapolis 4, Minn	FE6-4808
Miss	Lee Roy Massey	304 E. Jefferson, Greenwood, Miss	
NY	Yerter Sales Co	2352 E. 66th St, Brooklyn 34, NY	HI4-3880
Ohio	Ohio Associates	P O Box 245, Kingsville	
Pa	John J Nolan & Assoc	314 W. Sparks St, Philadelphia, Pa	WA4-1595
Utah	Ralph Stevenson	2045 Walker Ln, Salt Lake City, Utah	CR7-2515

JEFFERS ELECTRONICS DIV SPEER CARBON CO — Hoover Ave, DuBois, Pa — 2100
H Waddell #167 *30000 320

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ariz	J W Marsh Co	305 E. Indian School Rd, Phoenix, Ariz	CR4-7343
Cal	J W Marsh Co	4216-20 W. Jefferson Blvd, L A 16, Cal	RE2-0145
Cal	J W Marsh Co	1258 Fitzgerald Ave, San Francisco 24	VA4-6714
Conn	Robert J Bahr Jr	Spring Valley Rd, Woodbridge, Conn	FU7-8712
Fla	Components Sales Corp	Box 178, N Miami Beach 62	WI5-4284
Ill	W A Hurtienne	5875 N. Lincoln Ave, Chicago 45, Ill	LO1-0156
Mass	Robert J Bahr	462 Granby Rd, Chicopee, Mass	LY2-3213
Mich	Henschen, Jensen & Co	2842 W. Grand Blvd, Detroit 2, Mich	TR8-0308
NY	W M Hicks	4 Spruce Dr, Roslyn, NY	MA7-6150
NY	R W Jackson	4446 Main St, Buffalo 26, NY	CI2094
Ohio	John F Kilfoil	9415 Montgomery Rd, Cincinnati 42	SY1-6150
Pa	R H Hildertrand	Fairview Village, Montgomery County, Pa	CH7-6225
Tex	John B Guenther	4533 N. Central Expwy, Dallas 5, Tex	JU6386
Wash	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA1818

JEFFERSON ELECTRONIC PRODS — 322 State St. Santa Barbara, Cal — WO5-4505
M Fors #10 *115 E 190-1640

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Utah	T R Van Wagoner Co	1415 S Main St. Salt Lake City	HU6-7251
Wash	Ray-J Co	Box 597, Renton	AL5-0401

JEFFERSON WIRE & CABLE CORP — Pleasant Valley Rd, Sutton, Mass — UN5-4477
M Friedman #2 *40 E 190-1960

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ark	Jacobson Co., The	PO Box 9702, Dallas, Tex	FL1-3362
Cal	Bernard L Cahn Co	420 Market St, San Francisco, Cal	SU1-7981
Cal	H & S Sales	1417 Georgia St. Los Angeles, Cal	RI7-5055
Conn	Ervin L Crandell	4 Temple St. Abington, Mass	TR8-3072
Del	Valley Electronics Inc	1735 E. Joppa Rd, Towson, Md	VA5-7820
DC	Valley Electronics Inc	1735 E. Joppa Rd, Towson, Md	VA5-7820
Fla	Winfield Electronic Sales Co	666 N.E. 125th St, N. Miami, Fla	PL1-5560
Ill	D Dolin Sales	3553 W Peterson Ave. Chicago 45	JU8-3738
Ind	Morris-Cunningham & Associates	6208 N. College Ave, Indianapolis, Ind	CL1-3222
Kan	Southern Industrial Electronics Inc	Box 9814, Exchange Bk, Dallas, Tex	FL2-3911
Ky	Morris-Cunningham & Associates	6208 N. College Ave, Indianapolis, Ind	CL1-3222
La	Jacobson Co., The	PO Box 9702, Dallas, Tex	FL1-3362
Me	Ervin L Crandell	4 Temple St. Abington, Mass	TR8-3072
Md	Valley Electronics Inc	1735 E. Joppa Rd, Towson, Md	VA5-7820
Mass	Ervin L Crandell	4 Temple St. Abington	TR8-3072
Mich	Morris-Cunningham & Associates	6208 N. College Ave, Indianapolis, Ind	CL1-3222
Nev	Bernard L Cahn Co	420 Market St, San Francisco, Cal	SU1-7981
NH	Ervin L Crandell	4 Temple St. Abington, Mass	TR8-0372
NJ	Valley Electronics Inc	1735 E. Joppa Rd, Towson, Md	VA5-7820
NJ	Joseph L Heller Assoc	172 Walker Ln. Englewood	LO7-5858
NY	Joseph L Heller Assoc	172 Walker Ln. Englewood, NJ	LO7-5858
NY	Joseph Lind	1600 East Ave. Rochester 10	BR1-5858
Ohio	Morris-Cunningham & Assoc	6208 N College Ave. Indpls 20, Ind	CL1-3222
Okla	Jacobson Co., The	PO Box 9702, Dallas, Tex	FL1-3362
Pa	Valley Electronics Inc	1735 E. Joppa Rd, Towson, Md	VA5-7820
RI	Ervin L Crandell	4 Temple St. Abington, Mass	TR8-3072
Tenn	Morris-Cunningham & Assoc	6208 N College Ave. Indpls 20, Ind	CL1-3222
Tex	Jacobson Co., The	PO Box 9702, Dallas	FL1-3362
Vt	Ervin L Crandell	4 Temple St. Abington, Mass	TR8-3072

JELLIFF MFG CORP., C O — Pequot Rd, Southport, Conn — CL9-1615
1960

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ariz	Electrical Specialty Co	P.O. Box 232, Main P.O., Phoenix, Ariz	AL2-2107
Cal	Electrical Specialty Co	2820 E. 12th St, Los Angeles 23, Cal	AN9-9511
Cal	Electrical Specialty Co	158 Eleventh St, San Francisco 3, Cal	HE1-8450
Colo	Electrical Specialty Co	2026 Arapahoe St, Denver, Colo	CH4-4588
Ill	Howard & Gould	5006 W. Lawrence Ave, Chicago 30, Ill	AV2-3676
Mass	White Sales Co	945 Great Plain Ave, Needham 92, Mass	HI4-3676
Mich	Carl H Schmidt Co	16405 W. Eight Mile Rd, Detroit 35, Mich	BR3-8500
Minn	Volco Co	831 S. 6th St, Minneapolis 4, Minn	FE6-3373
NY	Jerome J Theobald Inc	9 E. Genessee St, Skaneateles, NY	SK462
NY	W F Sauers	101 Briar Cliff Rd, Rochester 16, NY	CH2-3318
NY	David H King	75 Willow St, Guilderland, NY	AL8-8100
Ore	Electrical Specialty Co	212 N. W. 14th St, Portland 16, Ore	CA7-3189
Pa	David G Quinlan Co	National Bank Bldg, Ambler, Pa	MI6-7250
Wash	Electrical Specialty Co	2406 First Ave, S., Seattle, Wash	MA3-8061
Foreign	W J McLelland Inc	55 York St, Sydney, N.S.W., Australia	

JEM ELECTRONICS CORP — 743 Circle Ave, Forest Park, Ill — PR1-8242
235-360-895

JENNINGS MACHINE CORP — 3452 Ludlow St, Philadelphia 4, Pa — EV6-2420
1075-1715

• **JENNINGS RADIO MFG CORP** — 970 McLaughlin Ave, San Jose 8, Cal — CY2-4025
R Neilson #20 *500 F 220-895-1135-1460-1735

JENSEN INDUSTRIES INC — 7333 W.Harrison, Forest Park, Ill — FO6-0180
M Renwood 1195-1270

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Stanley K Wallace Assoc	1453 Linda Vista Dr. Birmingham 9	VA2-2196
Alaska	David M Lee Co	3527 N.E. Union Ave, Portland, Ore	AT8-5796
Ariz	Mike Stobin Co	19458 Ventura Blvd. Tarzana, Cal	ST8-2869
Ark	Crockett Sales Co	2204 Griffin St, Dallas, Tex	RI2-5764
Cal	Mike Stobin Co	19458 Ventura Blvd. Tarzana	ST8-2869
Cal	Sinai-Johnson Inc	845 Jessie St, San Francisco, Cal	UN1-6259
Cal	Sinai-Johnson Inc	845 Jessie St. SF	UN1-6259
Colo	Koether-Cox Co	1325 S. Inca St. Denver 23	PE3-5561
Conn	L B Cole & Co	2300 Wash. Newton Lower Falls, Mass	DE2-2490
Del	Art Cerf & Co	744 Broad St, Newark, NJ	MI2-6734
DC	Art Cerf & Co	744 Broad St, Newark, NJ	MI2-6734
Fla	Stanley K Wallace Assoc	207 W. Alfred St. Tampa	24-4221
Fla	Stanley K Wallace & Associates	P.O. Box 67, Lutz, Fla	TA24-4221
Ga	Stanley K Wallace Assoc	715 Flamingo Dr. SW. Atlanta	PL3-8463
Ga	Stanley K Wallace & Associates	715 Flamingo Dr, S.W.,	PL3-8463
Idaho	Koether-Cox Co	1325 S. Inca St. Denver 23, Colo	PE3-5561
Ill	George Petitt Co	349 N. Ashland, River Forest, Ill	FO9-6940
Ind	Delta Sales Inc	2136 E. 52 St, Indianapolis, Ind	CL1-3564
Iowa	W E Fry & Co	406 W. 34 St, Kansas City, Mo	JE1-5236
Kan	W E Fry & Co	406 W. 34 St, Kansas City, Mo	JE1-5236
Ky	Delta Sales Inc	2136 E. 52 St, Indianapolis, Ind	CL1-3564
La	Crockett Sales Co	2204 Griffin St, Dallas, Tex	RI2-5764
Me	L B Cole & Co	2300 Wash, Newton Lower Falls, Mass	DE2-2490
Md	Art Cerf & Co	744 Broad St, Newark, NJ	MI2-6734
Mass	L B Cole & Co	2300 Washington, Newton Lower Falls	
Mich	Jack Thorpe Co	640 Hubbard Ln, Detroit 36, Mich	
Minn	H M Richardson & Co	9 E. 22 St, Minneapolis, Minn	FE6-4078
Miss	Crockett Sales Co	2204 Griffin, Dallas, Tex.	
Mo	W E Fry & Co	6616 W. Florissant Ave, St. Louis, Mo	EU2-3500
Neb	W E Fry Co	406 W. 34th St, Kansas City, Mo	JE1-5236
Nev	Mike Stobin Co	19458 Ventura Blvd. Tarzana, Cal	ST8-2869
NJ	Art Cerf & Co	744 Broad St, Newark, NJ	MI2-6734
NY	Art Cerf & Co	744 Broad St, Newark, NJ	MI2-6734
NC	Stanley K Wallace Associates	P.O. Box 11377, Charlotte, NC	JA3-6109
ND	H M Richardson & Co	9 E. 22 St, Minneapolis, Minn	FE6-4078
Ohio	Neal Bear Corp	3435 Streetsboro Rd. W. Richfield	OL9-3331
Okla	Lund & Co	2215 N. Olive St, Dallas, Tex	RI8-8839
Ore	David M Lee Co	3527 N.E. Union, Portland, Ore	
Pa	Art Cerf & Co	744 Broad St. Newark NJ	MI2-6734
Pa	Art Cerf & Co	744 Broad St, Newark, NJ	MI2-6734
Pa	Neal Bear Corp	1974 Gregory Ave. Monroeville	VA3-3779
SC	Stanley K Wallace & Associates	P.O. Box 11377, Charlotte, NC	JA3-6109
SD	H M Richardson Co	9 E. 22 St, Minneapolis, Minn	FE6-4078
Tenn	Stanley K Wallace Associates	638 Rochelle Dr, Nashville, Tenn	VF2-0794
Tex	Lund & Co	2215 N. Olive St, Dallas, Tex	RI8-8839
Va	Art Cerf & Co	744 Broad St, Newark, NJ	MI2-6734
W Va	Neal Bear Corp	3435 Streetsboro Rd. W. Richfield, Ohio	OL9-3331
Wisc	George Petitt Co	349 N. Ashland, River Forest, Ill	FO9-6940
Foreign	E G Magnus & Associates	188 W. Randolph, Chicago, Ill	FR2-8785

JENSEN MFG CO., DIV MUTER CO — 6601 S. Laramie Ave, Chicago 38, Ill — PO7-7600
E Van Dever #10 *500 55-1230-1675

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Alas	Samuel N Stroum Co	621 Michigan St. Seattle 8, Wash	PA3-7310
Ariz	Sheffler-Kahn Co	2017 N 7th St. Phoenix	AL8-7838
Ark	Wyborny Sales Co	PO Box 17070, Dallas 17, Tex	EV1-1903
Cal	Sinai-Johnson Inc	845 Jessie St. San Francisco, Cal	UN1-6259
Cal	George S Tivy	2230 W. 11th St. Los Angeles 6, Cal	DU7-1163
Colo	Ron Bowen & Associates	721 S. Broadway, Denver 9, Colo	RA2-4541
Conn	Willson Sales Co	6 Mohawk Rd. Marblehead, Mass	NE8-4016
Del	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
DC	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Fla	Ralph Palmisano	4104 Corona St. Tampa 9, Fla	62-4071
Fla	R H Van Duser	540 Lake Elbert Dr, Winter Haven, Fla	CY4-2941
Ga	Wm T Little	2996 Connally Dr, East Point, Ga	PO1-5353
Haw	Gene Piety Factors, Inc	PO Box 2983, Honolulu	83-105
Idah	Samuel N Stroum Co	621 Michigan St, Seattle 8, Wash	PA3-7310
Idaho	Ron Bowen & Associates	721 S. Broadway, Denver 9, Colo	RA2-4541
Ill	Edward N Severson & Assoc	11435 Circle Dr. LaGrange	CH6-4054
Ind	Morris-Cunningham & Associates	6208 N. College Ave, Indianapolis 20, Ind	CL1-3222
Iowa	Kelley-Schmitz-Winkeler Assoc	407 W 74th Terr. Kansas City 14, Kan	EM1-5651
Kan	Kelley-Schmitz-Winkeler Assoc	407 W 74th Terr. Kansas City 14	EM1-5651
Ky	Morris-Cunningham & Associates	6208 N. College Ave, Indianapolis 20, Ind	CL1-3222
La	Wybomy Sales Co	423 Merchandise Mart Bldg, Dallas 1, Tex	RI8-6139
La	Wybomy Sales Co	PO Box 17070, Dallas 17, Tex	EV1-1903
Me	Willson Sales Co	6 Mohawk Rd. Marblehead, Mass	NE6-4016
Md	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Mass	Willson Sales Co	6 Mohawk Rd. Marblehead	NE6-4016
Minn	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis 16, Minn	WE9-6727
Miss	Al Engelman Co	3205 Crump Ave, Memphis 12, Tenn	GL8-6263
Mo	Kelley-Schmitz-Winkeler Assoc	407 W 74th Terr, Kansas City 14	EM1-5651
Mont	Samuel N Stroum Co	621 Michigan St. Seattle 8, Wash	PA3-7310
Mont	Ron Bowen & Associates	721 S. Broadway, Denver 9, Colo	RA2-4541
Neb	Ron Bowen & Associates	721 S. Broadway, Denver 9, Colo	RA2-4641
Nev	Sinai-Johnson Inc	845 Jessie St, San Francisco 3, Cal	UN1-6259
Nev	Sheffler-Kahn Co	2017 N 7th St. Phoenix, Ariz	AL8-7893
NH	Willson Sales Co	6 Mohawk Rd. Marblehead, Mass	NE8-4016
NJ	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
NJ	Benjay Assoc, Inc	15 Elmwood Rd. White Plains, NY	WH8-7577
NM	Sheffler-Kahn Co	2017 N 7th St. Phoenix, Ariz	AL8-7833
NY	Simberkoff Sales Co	301 W. Main, Waterloo, NY	
NY	Benjay Assoc, Inc	15 Elmwood Rd. White Plains	WH8-7577
NC	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
ND	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis 16, Minn	WE9-6727
Ohio	McFadden Sales Co	150 E. Broad St. Columbus 15, Ohio	CA1-3363
Okla	Wybomy Sales Co	PO Box 17070, Dallas 17, Tex	EV1-1903
Pa	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
RI	Willson Sales Co	6 Mohawk Rd. Marblehead, Mass	NE8-4016
SC	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
SD	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis 16, Minn	WE9-6727
Tenn	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Tenn	Al Engelman Co	3205 Crump Ave, Memphis 12, Tenn	GL8-6263
Tex	Wybomy Sales Co	PO Box 17070, Dallas 17	EV1-1903
Utah	Ron Bowen & Associates	721 S. Broadway, Denver 9, Colo	RA2-4541
Vt	Willson Sales Co	6 Mohawk Rd. Marblehead, Mass	NE8-4016
Va	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Wash	Samuel N Stroum Co	621 Michigan St. Seattle 8	PA3-7310
W. Va	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Wis	Edward N Severson & Assoc	11435 Circle Dr. LaGrange, Ill	CH6-4054
Wisc	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis, Minn	WE9-6727
Wyo	Ron Bowen & Associates	721 S. Broadway, Denver 9, Colo	RA2-4541
Canada	Renfrew Electric Co Ltd	Toronto, Ontario, Canada	
Foreign	Radios Y Television, S. A.	Mexico, D. F.	

JERROLD ELECTRONICS CORP — 15th & Lehigh, Philadelphia 32, Pa — BA6-3456
45-50-190-325-345-365-470-670-895-1135-1200-1315-1340-1735-1910

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Roy Attaway Co	2315 Bob Wallace Ave. SW, Huntsville	534-2811
Alas	Rush S Drake Associates	1817 Norman St. Seattle 44, Wash	EA3-8545
Ariz	Instruments for Measurements	2420 University Ave. San Diego 4, Cal	JU3-1972
Ark	Airep Engineering Co	P O Box 9555, Dallas 14, Tex	TA4-3800
Cal	Instruments for Measurements	3455 Cahuenga Blvd, Hollywood 28, Cal	HO9-7294
Colo	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Conn	Measurement Equipment Co. Inc	244 Main St. North Reading, Mass	944-2300
Del	Jay Co, The	2420 Wilson Blvd. Arlington 1, Va	JA4-6767
DC	Jay Co, The	2420 Wilson Blvd. Arlington 1, Va	JA4-6767
Fla	Roy Attaway Co	711 Magnolia Ave, Orlando, Fla	GA4-9983
Ga	Roy Attaway Co	407 Nissen Bldg. Winston-Salem, NC	722-9671
Haw	Instruments for Measurements	3455 Cahuenga Blvd. Hollywood 28, Cal	HO9-7294
Idah	Rush S Drake Associates	P O Box 2126, Idaho Falls	JA2-7992
Ill	Bard Associates	328 Selbourne Rd. Riverside	HI7-7555
Ill	Engineering Services Co	4550 Main St. Kansas City, Mo	JE1-7765
Ind	Bard Associates	328 Salbourne Rd. Riverside, Ill	HI7-7555
Iowa	Engineering Services Co	1306 Oakland Gardens, Cedar Rapids	EM5-6183
Kan	Engineering Services Co	247 S Pinecrest, Wichita	MU3-3751
Ky	Game Engineering	29603 Bruce Dr. Willowick, Ohio	
La	Airep Engineering Co	P O Box 9555, Dallas 14, Tex	TA4-3800
Me	Measurement Equipment Co. Inc	244 Main St. North Reading, Mass	944-2300
Md	Jay Co, The	2420 Wilson Blvd. Arlington 1, Va	JA4-6767
Mass	Measurement Equipment Co. Inc	244 Main St. North Reading	944-2300
Mich	Gaine Engineering	1474 E Outer Dr. Detroit 34	FO6-5353
Minn	The Heimann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Mo	Engineering Services Co	6717 Vernon Ave. St Louis 30	PA6-7233
Mont	Rush S Drake Associates	P O Box 2126, Idaho Falls, Idah	JA2-7992
Neb	Heimann Co, The	6421 W Powell Pl. Milwaukee 13, Wis	SP1-3810
Nev	Instruments for Measurements	3455 Cahuenga Blvd. Hollywood 28, Cal	HO9-7294
NH	Measurement Equipment Co. Inc	244 Main St. North Reading, Mass	944-2300
NJ	Central Associates	44 N Dean St. Englewood	LO8-0808
NJ	Holdsworth & Co	Box 71, Lansdowne, Pa	MA6-8300
NM	Kelley Enterprises	336 E 4th St. Loveland, Colo	NO7-1376
NY	Central Associates	44 N Dean St. Englewood, NJ	PY6-0577
NY	Charles A Wunick Co	1445 Valencia Rd. Schenectady 9	EX3-2288
NC	Roy Attaway Co	407 Nissen Bldg. Winston-Salem	722-9671
ND	Heimann Co, The	1711 Hawthorne Ave. Minneapolis 3, Minn	FE2-5457
Ohio	Game Engineering	29603 Bruce Dr. Willowick	
Okla	Airep Engineering Co	P O Box 9555, Dallas 14, Tex	TA4-3800
Ore	Rush S Drake Associates	1817 Norman St. Seattle 44, Wash	EA3-8545
Pa	Holdsworth & Co.	P.O. Box 71, Lansdowne, Pa	MA6-8300
Pa	Gaine Engineering	1474 E Outer Dr. Detroit 34, Mich	FO6-5353

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Pl	Measurement Equipment Co	244 Main St, North Reading, Mass	944-2300
SC	Roy Attaway Co	407 Nissen Bldg, Winston-Salem, NC	722-9671
SD	Heimann Co, The	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Tenn	Roy Attaway Co	2115 Bob Wallace Ave, Huntsville, Ala	534-2811
Tex	Alsop Engineering Co	P O Box 8585, Dallas 14	TA4-3800
Utah	Kelley Enterprises	336 E 4th St, Loveland, Colo	NO7-1376
Vt	Measurement Equipment Co	244 Main St, North Reading, Mass	944-2300
Va	Jay Co, The	3420 Wilson Blvd, Arlington 1	JA4-6767
Wash	Rush S Drake Associates Inc	1817 Norman St, Seattle 44, Wash	EA3-8545
W Va	Gaine Engineering	29600 Bruce Dr, Willowick, Ohio	
Wis	Heimann Co, The	6421 W Powell Pl, Milwaukee 13	SP1-3810
Wis	Bard Associates	328 Selbourne Rd, Riverside, Ill	HI7-7555
Wyo	Kelley Enterprises	336 E 4th St, Loveland, Colo	NO7-1376
Foreign	Rock International Corp	13 East 40th St, New York 16, NY	MU9-0200
	JERSEY SPECIALTY CO., INC 190	**Burgess Pl, Mountainview, NJ**	
•	**JETTRON PRODUCTS INC** R Reynolds #6 *29 C 345-1630	**56 Rt 10, Hanover, NJ**	**TU7-0571**
Ariz	Bert Barron Co	15166 Ventura Blvd, Sherman Oaks, Cal	ST4-7800
Cal	Bert Barron Co	15166 Ventura Blvd, Sherman Oaks, Cal	ST4-7800
Conn	Howard C Jappe	37 Hillcrest Rd, Wakefield, Mass	CR6-4816
Ill	William F Hamilton	5517 N. Elston Ave, Chicago 30, Ill	SP5-2288
Ind	William F Hamilton	5517 N. Elston Ave, Chicago 30, Ill	SP5-2288
Iowa	Thomson Engineering Service	2520 Oak Lawn, Dallas 19, Tex	LA6-8741
Me	Howard C Jappe	37 Hillcrest Rd, Wakefield, Mass	CR6-4816
Mass	Howard C Jappe	37 Hillcrest Rd, Wakefield, Mass	CR6-4816
Mich	Arnold Johnson	7565 Kenwood Rd, Cincinnati 36, Ohio	LO1-8826
Mich	William F Hamilton Co	5517 N. Elston Ave, Chicago 30, Ill	SP5-2288
Mo	Thomson Engineering Service	2520 Oak Lawn, Dallas 19, Tex	LA6-8741
Nev	Bert Barron Co	15166 Ventura Blvd, Sherman Oaks, Cal	ST4-7800
NH	Howard C Jappe	37 Hillcrest Rd, Wakefield, Mass	CR6-4816
NM	Bert Barron Co	15166 Ventura Blvd, Sherman Oaks, Cal	ST4-7800
Ohio	Arnold Johnson	7565 Kenwood Rd, Cincinnati 36, Ohio	LO1-8826
Okla	Thomson Engineering Service	2520 Oak Lawn, Dallas 19, Tex	LA6-8741
Pa	Arnold Johnson	7565 Kenwood Rd, Cincinnati 36, Ohio	LO1-8826
RI	Howard C Jappe	37 Hillcrest Rd, Wakefield, Mass	CR6-4816
Tex	Thomson Engineering Service	2520 Oak Lawn, Dallas 19, Tex	LA6-8741
Vt	Howard C Jappe	37 Hillcrest Rd, Wakefield, Mass	CR6-4816
Wisc	William F Hamilton Co	5517 N. Elston Ave, Chicago 30, Ill	SP5-2288
For	Elton Export Co	120 Broad St, New York 4, NY	WH4-7635
	JOCLIN MFG CO R Clarke #5 *60 D 285-315-345-480-750-770-1135-1290-1755	**9 Lefbery Ave, Wallingford, Conn**	**CO9-8708**
Cal	K G Boardman	P O Box 24691, Los Angeles, Cal	OR7-8118
Ind	OEM Sales	P O Box 55232, Indianapolis	LI6-2452
Tex	Engineering Associates	P O Box 886, Fort Worth, Tex	WA3-7386
For	Clark-Wright Co	2311 Whitney Ave, Hamden, Conn	AT8-1598
	JOHANSON MFG CORPORATION F Johnson #3 *42 C 225	**P. O. Box 329, Boonton, NJ**	**DE4-2676**
Ariz	Weightman & Associates	4025 Burbank Blvd, Burbank, Cal	VI9-2435
Cal	Weightman & Assoc	4025 Burbank Blvd, Burbank	VI9-2435
Nev	Weightman & Assoc	4025 Burbank Blvd, Burbank, Cal	VI9-2435
NJ	Bonn Associates	57 New St, Metuchen	LI9-9573
NY	Bonn Associates	57 New St, Metuchen, NJ	LI9-9573
Pa	Bonn Associates	57 New St, Metuchen, NJ	LI9-9573
	JOHNS-MANVILLE *21000 E 175-315-545-660-750-900-1120-1290-1545-1755	**22 E. 40th St, New York 16, NY**	**LE2-7600**
Cal	Johns-Manville Sales Corp	611 S. Catalina St, Los Angeles 5, Cal	
Cal	Johns-Manville Sales Corp	116 New Montgomery St, San Francisco 5, Cal	
Colo	Johns-Manville Sales Corp	1755 Glenarm Pl, Denver 2, Colo	
DC	Johns-Manville Sales Corp	18th & H Sts, N.W., Wash 6, DC	
Fla	Johns-Manville Sales Corp	4415 Beach Blvd, Jacksonville	FL9-2831
Ga	Johns-Manville Sales Corp	101 Marietta St, Atlanta 3, Ga	
Hawaii	Johns-Manville Sales Corp	78 N. Nimitz Hwy, Honolulu 2, Hawaii	
Ill	Johns-Manville Sales Corp	Merchandise Mart Plaza, Chicago 54, Ill	
Ind	Johns-Manville Sales Corp	925 E 38th St, Indpls	WA3-3391
La	Johns-Manville Sales Corp	2400 Canal St, New Orleans 19, La	
Mass	Johns-Manville Sales Corp	1501 Causeway St, Boston 14	
Minn	Johns-Manville Sales Corp	3100 W. Lake St, Minneapolis 16, Minn	
Mo	Johns-Manville Sales Corp	7915 Bonhomme Ave, St. Louis 5, Mo	
NJ	Johns-Manville Sales Corp	Manville	RA5-5000
NY	Johns-Manville Sales Corp	76 Loudonville Rd, Albany 4	HO8-2151
NY	Johns-Manville Sales Corp	270 Madison Ave, New York 16, NY	
Ohio	Johns-Manville Sales Corp	510 American Bldg, Cincinnati 2, Ohio	
Ohio	Johns-Manville Sales Corp	3101 Euclid Bldg, Cleveland 15, Ohio	
Pa	Johns-Manville Sales Corp	Wolf Bldg, Chestnut St at 4th, Philadelphia 6, Pa	
Pa	Johns-Manville Sales Corp	2229 Koppers Bldg, Pittsburgh 19, Pa	
Tex	Johns-Manville Sales Corp	3115 Blodgett St, Houston 4, Tex	
Tex	Johns-Manville Sales Corp	PO Box 255, Houston 1	JA6-1751
Va	Johns-Manville Sales Corp	PO Box 1755, Richmond 21	EL3-4448
Wash	Johns-Manville Sales Corp	4304 Stone Way, Seattle 3, Wash	
Wisc	Johns-Manville Sales Corp	4260 N. Teutonia Ave, Milwaukee 9, Wisc	
	JOHNSON & BASSETT INC E Harrington #2 *33 D 1075	**114 Foster St, Worcester, Mass**	**PL5-1216**
Ala	Moore-Handley Hdwe. Co, Inc	27 S. 20th St, Birmingham	
Ariz	Tornquist Machinery Co	3825 Santa Fe Ave, LA, Cal	DI2-3915
Ark	Oliver H Van Horn Co	Franklin & Austin Sts, Houston, Tex	
Cal	Tornquist Machinery Co	3825 Santa Fe Ave, LA	DI2-3915
Colo	Geoffroy-Lane Corp	432 E. 1st Ave, Denver	
Conn	H P Smith Assoc	Cheshire	BR2-4085
Del	Maryland Machinery Corp	8211 Pulaski Hwy, Baltimore, Md	MU7-6785
DC	Henry C Howells	NY Ave, at 15th St, NW, Wash	NA8-2405
Fla	Harry P Leu Inc	100 W. Livingston Ave, Orlando	CH1-2561
Ga	Henry Walke Co	Box 1041, Norfolk, Va	MA5-3271
Idaho	Geoffroy Lane Corp	432 E. 1st Ave, Denver, Colo	
Ill	Mid-Co Prods	231 Lake St, Oak Park	VI8-4500
Ind	McBeth Machinery Co	300 Mt. Lebanon Blvd, Pittsburgh, Pa	LO3-2500
Iowa	Iowa Machinery & Supply Co	1711 2nd Ave, Des Moines	
Kan	Kuetzel Machinery Co	9140 E. 50 Hwy, KC, Mo	JE1-0765
Ky	Kuetzel Machinery Co	9140 E. 50th Hwy, KC, Mo	JE1-0765
La	Oliver H Van Horn Co	1742 St. Charles Ave, New Orleans	
Md	Maryland Machinery Corp	8211 Pulaski Hwy, Baltimore	MU7-6785
Mass	Lynd-Farquhar Co	Park Square Bldg, Boston	HA6-0620

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Mich	Don Gifford Co	1625 W. Fort St, Detroit	
Mich	Morehan-Ott Co	351 Indiana Ave, NE, Grand Rapids	
Minn	Sales Service Machine Tool Co	2363 University Ave, NW, St. Paul	NE 8553
Miss	Moore-Handley Hdwe. Co, Inc	27 S. 20th St, Birmingham, Ala	
Mo	Kuetzel Machinery Co	9140 E. 50 Hwy, KC	
Mont	Geoffroy-Lane Corp	432 E. 1st Ave, Denver, Colo	
NJ	Triplex Machine Tool Corp	25-18 43rd Ave, LIC, NY	
NJ	McBeth Machinery Co	Suburban Sq, Bldg, Ardmore, Pa	
NM	Geoffroy-Lane Corp	432 E. 1st Ave, Denver, Colo	
NY	Triplex Machine Tool Corp	LIC	
NY	Syracuse Supply Co	314-332 W. Fayette St, Syracuse	
NC	Smith-Courtney Co	7th & Bainbridge Sts, Richmond, Va	
NC	Henry Walke Co	Norfolk, Va	
Ohio	George D. Miller Co	3714 St. Clair Ave, Cleve	
Ore	Buckner-Weatherby Co	1743 1st Ave. S, Seattle, Wash	
Pa	McBeth Machinery Co	300 Mt. Lebanon Blvd, Pittsbgh	
SC	Smith-Courtney Co	7th & Bainbridge St, Richmond, Va	
SC	Henry Walke Co	Norfolk, Va	
Tex	Oliver H Van Horn Co	Franklin & Austin Sts, Houston	
Utah	Geoffroy-Lane Corp	432 E. 1st Ave, Denver, Colo	
Va	Smith Courtney Co	7th & Bainbridge Sts, Richmond	
Va	Henry Walke Co	Norfolk	
Wash	Buckner-Weatherby Co	1743 1st Ave, S, Seattle	
W Va	Henry Walke Co	Box 1041, Norfolk, Va	
Wis	Mid-Co Prods	Oak Park, Ill	
Wis	Sales Service Machine Co	St. Paul, Minn	
Wyo	Geoffroy Lane Corp	432 E. 1st Ave, Denver, Colo	
Can	J H Ryder Machinery Co, Ltd	Box 30, Toronto, Ont	
For	Sabin St. Germain & Assoc	421 Lexington Ave, NY, NY	
	JOHNSON CO, E F 45-220-320-325-345-385-390-670-895-905-910-925-950-955-1135-1325-1460-1560-1630-1845-1870-1900	**Waseca, Minn**	**990**
Ala	James Millar Associates	1036 Peachtree, N.E., Atlanta 9, Ga	TR6-0919
Alaska	Dave Lee Co, Inc	3527 N.E. Union Ave, Portland 12, Ore	AT8-5796
Ariz	Harry A Moore Sales Co	4142 N. 28th St, Phoenix, Ariz	CR4-0860
Ark	Earl K Moore Co	5864 Louisville St, New Orleans, La	HU8-2407
Cal	Dan C & Ann K Wallace	1206 Maple Ave, Los Angeles 15, Cal	RI7-0401
Cal	Logan Sales Co	190 Eighth St, San Francisco 3, Cal	HE1-0892
Colo	McLoud & Raymond Co	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
Conn	Paul R Sturgeon Inc	25 Huntington Ave, Boston 16, Mass	CO6-7705
Del	S K MacDonald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
Fla	James Millar Associates	1036 Peachtree N.E., Atlanta 9, Ga	TR6-0919
Idaho	Dave M Lee Co, Inc	3527 N.E. Union Ave, Portland, Ore	AT8-5796
Idaho	McLoud-Raymond Co	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
Ill	Ellinger Sales Co	6540 Northwest Hwy, Chicago 31, Ill	RO3-1570
Ind	McFadden Sales Co	150 E. Broad St, Columbus, Ohio	CA1-3363
Iowa	The Joey Vrbik Co	419 Third St, S.E., Cedar Rapids, Iowa	EM5-0461
Kan	H A Roes & Co	2601 Cherry St, Kansas City 8, Mo	BA1-0866
Ky	McFadden Sales Co	150 E. Broad St, Columbus, Ohio	CA1-3363
La	Earl K Moore Co	5864 Louisville St, New Orleans 24, La	HU8-2407
Me	Paul R Sturgeon Inc	25 Huntington Ave, Boston 16, Mass	CO6-7705
Md	S K MacDonald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
Mass	Paul R Sturgeon Inc	25 Huntington Ave, Boston 16, Mass	CO6-7705
Mich	A R W Sales Co	10316 Puritan Ave, Detroit 38, Mich	UN2-1300
Miss	Earl K Moore Co	5864 Louisville St, New Orleans 24, La	HU8-2407
Mo	H A Roes & Co	2601 Cherry St, Kansas City, Mo	BA1-0866
Mont	McLoud-Raymond Co	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
Mont	Dave M Lee Inc	3527 E. Union Ave, Portland 12, Ore	AT8-5796
Neb	H A Roes & Co	2601 Cherry St, Kansas City 8, Mo	BA1-0866
Nev	Logan Sales Co	190 8th St, San Francisco 3, Cal	HE1-0892
NH	Paul R Sturgeon Inc	25 Huntington Ave, Boston 16, Mass	CO6-7705
NJ	S K MacDonald Co	1531 Spruce St, Philadelphia 12, Pa	KI5-1205
NJ	F Edwin Schmitt Co	136 Liberty St, New York 6, NY	WO2-6550
NM	Harry Moore Sales Co	4142 N. 28th St, Phoenix, Ariz	CR4-0860
NY	F Edwin Schmitt Co	136 Liberty St, New York 6, NY	WO2-6550
NY	R V Hirscher Co, Inc	Ellicott Sq Bldg, Buffalo, NY	WA2517
NY	Pliszt-Hunter Co	1007 Erie Blvd E., Syracuse, NY	GR6-2180
NC	James Millar Associates	1036 Peachtree St, S.E., Atlanta 9, Ga	TR6-0919
Ohio	McFadden Sales Co	150 E. Broad St, Columbus 15, Ohio	CA1-3363
Okla	Robert E Nesbitt Co	1925 Cedar Springs, Dallas 1, Tex	RI7-9614
Ore	Dave M Lee Inc	3527 N.E. Union Ave, Portland 12, Ore	AT8-5796
Pa	S K Macdonald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
RI	Paul R Sturgeon Inc	25 Huntington Ave, Boston 16, Mass	CO6-7705
SC	James Millar Associates	1036 Peachtree S.E., Atlanta 9, Ga	TR6-0919
Tenn	James Millar Associates	1036 Peachtree S.E., Atlanta 9, Ga	TR6-0919
Tex	Robert E Nesbitt Co	1925 Cedar Springs, Dallas 1, Tex	RI7-4140
Utah	McLoud & Raymond Co	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
Vt	Paul R Sturgeon Inc	25 Huntington Ave, Boston 16, Mass	CO6-7705
Va	S K MacDonald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
Wash	Dave M Lee Inc	3527 N.E. Union Ave, Portland 12, Ore	AT8-5796
W.Va	S K MacDonald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
Wisc	Ellinger Sales Co	6540 Northwest Hwy, Chicago 31, Ill	RO3-1570
Wyo	McLoud & Raymond Co	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
Canada	A C Simmonds & Sons Ltd	100 Merton St, Toronto, Ontario, Canada	HU5-9111
Foreign	The M Simons & Son Co, Inc	25 Warren St, New York 7, NY	BA7-5514
	JOHNSON & CO., INC., K W R Tobey #4 *30 1125	**1825 Webster St, Dayton, Ohio**	**BA4-1078**
Ala	Henry W. Burwell Co	422 Ponce De Leon Ave NE, Atlanta 8, Ga	TR4-2127
Ariz	Rush & Key Electronics Inc	3376 W 1st St, Los Angeles 4, Cal	DU8-7111
Cal	Rush & Key Electronics, Inc	3376 W 1st St, Los Angeles	DU8-7111
Conn	Wald Research Inc	79 Franklin Tnpk, Mahwah, NJ	LA9-2800
Del	Wald Research Inc	79 Franklin Tnpk, Mahwah, NJ	LA9-2800
DC	Wald Research Inc	79 Franklin Tnpk, Mahwah, NJ	LA9-2800
Fla	Henry W Burwell Co	422 Ponce De Leon Ave NE, Atlanta 8, Ga	TR4-2127
Ga	Henry W Burwell Co	422 Ponce De Leon Ave, NE, Atlanta 8	TR4-2127
Ill	W J Mauer Co, Inc	2000 Harrison St, Evanston	GR5-5893
Ind	R T Mathews Co	1127 Wells St, Fort Wayne	EA3917
Iowa	Pem Sales Co	RR 1-Box 141-J, St Louis 41, Mo	HE2-4445
Kan	Pem Sales Co	RR 1-Box 141-J, St Louis 41, Mo	HE2-4445
Ky	R T Mathews Co	1127 Wells St, Fort Wayne, Ind	EA3917
Me	Wald Research Inc	79 Franklin Tnpk, Mahwah, NJ	LA9-2800
Md	Wald Research Inc	79 Franklin Tnpk, Mahwah, NJ	LA9-2800
Mass	Wald Research Inc	79 Franklin Tnpk, Mahwah, NJ	LA9-2800
Mich	R T Mathews Co	1127 Wells St, Fort Wayne, Ind	EA3917
Minn	Ed Melius & Assoc	2635 University Ave, St Paul 14	MI6-7991
Miss	Henry W Burwell Co	422 Ponce De Leon Ave NE, Atlanta 8, Ga	TR4-2127

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Mo	Pem Sales Co	RR 1-Box 141-J, St Louis 41	HE2-4445
NH	Wald Research Inc	79 Franklin Tnpk, Mahwah, NJ	LA9-2800
NJ	Wald Research Inc	79 Franklin Tnpk, Mahwah	LA9-2800
NY	Wald Research Inc	79 Franklin Tnpk, Mahwah, NJ	LA9-2800
NC	Henry W Burwell Co	422 Ponce De Leon Ave NE, Atlanta 8, Ga	TR4-2127
ND	Ed Melius & Assoc	2635 University Ave, St Paul 14, Minn	MI6-7991
Ohio	Jay Engineering Co	P O Box 175, Sta A, Dayton 3	CL3-2151
Okla	Electro-Mechanical Assoc	6115 Denton Dr, Dallas 19, Tex	FL2-3399
Ore	Seatronics Inc	1806 Bush Pl, Seattle 44, Wash	EA3-8545
Pa	Wald Research Inc	79 Franklin Tnpk, Mahwah, NJ	LA9-2800
RI	Wald Research Inc	79 Franklin Tnpk, Mahwah, NJ	LA9-2800
SC	Henry W Burwell Co	422 Ponce De Leon Ave NE, Atlanta 8, Ga	TR4-2127
SD	Ed Melius & Assoc	2635 University Ave, St Paul 14, Minn	MI6-7991
Tenn	Henry W Burwell Co	422 Ponce De Leon Ave NE, Atlanta 8, Ga	TR4-2127
Tex	Electro-Mechanical Assoc Inc	6115 Denton Dr, Dallas 19	FL2-3399
Vt	Wald Research Inc	79 Franklin Tnpk, Mahwah, NJ	LA9-2800
Va	Wald Research Inc	79 Franklin Tnpk, Mahwah, NJ	LA9-2800
Wash	Seatronics Inc	1806 Bush Pl, Seattle 44	EA3-8545
Wis	W J Mauer Co, Inc	2000 Harrison St, Evanston, Ill	GR5-5893
	JOHNSON ELECTRONICS INC T Davy #8 *100 C 320-365-475-670-895-915-1135-1340-1420-1425-1855	**Box 1675, Casselberry, Fla**	**TE8-2111**
Conn	L R Provencher & Assoc	525 Pleasant St, Worcester 2, Mass	PL2-8187
Del	Stemler Assoc, & Co	25 W. Pennsylvania Ave, Towson, Md	VA8-8853
DC	Stemler Assoc, & Co	25 W. Pennsylvania Ave, Towson, Md	VA8-8853
Ill	J J Indra Sales Co	5117 N. Ozanam Ave, Chicago 31	UN7-8524
Ind	J J Indra Sales Co	5117 N. Ozanam Ave, Chicago 31, Ill	UN7-8524
Me	L R Provencher & Assoc	525 Pleasant St, Worcester 2, Mass	PL2-8187
Md	Stemler Assoc, & Co	25 W Pennsylvania Ave, Towson, Md	VA8-8853
Mass	L R Provencher & Assoc	525 Pleasant St, Worcester 2	PL2-8187
Mich	D H Estler Co	18450 Livernois Ave, Detroit 21	UN3-6996
NH	L R Provencher & Assoc	525 Pleasant St, Worcester 2, Mass	PL2-8187
NJ	Stemler Assoc, & Co	17 Beechwood Rd, Hawthorne	SW1-1744
NY	Stemler Assoc, & Co	17 Beechwood Rd, Hawthorne, NJ	SW1-1744
Ohio	D H Estler Co	18450 Livernois Ave, Detroit 21, Mich	UN3-6996
Ore	Intl. Electronic Sales Co	6021 Airport Way, Seattle, Wash	PA3-3161
Pa	Stemler Assoc, & Co	25 W Pennsylvania Ave, Towson, Md	VA8-8853
Pa	Sid Levin & Assoc	6252 Mayfield Rd, Cleve, Ohio	HI2-8340
RI	L R Provencher & Assoc	525 Pleasant St, Worcester 2, Mass	PL2-8187
Vt	L R Provencher & Assoc	525 Pleasant St, Worcester 2, Mass	PL2-8187
Va	Stemler Assoc, & Co	25 W. Pennsylvania Ave, Towson, Md	VA8-8853
Wash	Intl. Electronic Sales Co	6021 Airport Way, Seattle	PA3-3161
W Va	Sid Levin & Assoc	6252 Mayfield Rd, Cleve, Ohio	HI2-8340
Wis	J J Indra Sales Co	5117 N. Ozanam Ave, Chicago 31, Ill	UN7-8524
	JOHNSON & HOFFMAN MFG CORP R Smith #6 *102 E 615-1095-1120	**31 E.Second St, Mineola, NY**	**PI2-3333**
Ariz	Tra Alfred A Lee Co	1733 E. Marshall Ave, Phoenix, Ariz	AM5-7200
Ark	A V Doran Co	950 Francis Pl, St Louis 5, Miss	PA5-3377
Cal	Yarbrough Sales Co	110 E Glenarm St, Pasadena	MU2-3331
Colo	A A Lee Co	1733 E Marshall Ave, Phoenix, Ariz	AM5-7200
Fla	Steele Technical Sales	236 Wardcrest Dr, Winter Park	MI7-1304
Ill	Nero Electronic Sales Corp	316 Elmwood, Wilmette	AL6-1045
Ill	A V Doran Co	950 Francis Pl, St Louis 5, Mo	PA5-3377
Ind	Nero Electronic Sales Corp	316 Elmwood, Wilmette, Ill	AL6-1045
Ind	Armstrong Sales Engineers	Box 164, Lockland 15, Ohio	PO1-2646
Iowa	A V Doran Co	950 Francis Pl, St Louis 5, Mo	PA5-3377
Kan	A V Doran Co	950 Francis Pl, St Louis 5, Mo	PA5-3377
Ky	Armstrong Sales Engineers	Box 164, Lockland 15, Ohio	PO1-2646
Mo	A V Doran Co	950 Francis Pl, St Louis 5	PA5-3377
Neb	A V Doran Co	950 Francis Pl, St Louis 5, Mo	PA5-3377
NM	A A Lee Co, The	1733 E Marshall Ave, Phoenix, Ariz	AM5-7200
Ohio	Robert Awig & Assoc	4028 Harwood Rd, Cleveland 21	HE1-2181
Ohio	Armstrong Sales Engineers	Box 164, Lockland 15, Ohio	PO1-2646
Okla	A A Lee Co, The	1733 E Marshall Ave, Phoenix, Ariz	AM5-7200
Ore	Yarbrough Sales Co	110 E Glenarm St, Pasadena, Cal	MU2-3331
Tenn	A V Doran Co	950 Francis Pl, St Louis 5, Mo	PA5-3377
Tenn	Armstrong Sales Engineers	Box 164, Lockland 15, Ohio	PO1-2646
Tex	A A Lee Co, The	1733 E Marshall Ave, Phoenix, Ariz	AM5-7200
Wash	Yarbrough Sales Co	110 E Glenarm St, Pasadena, Cal	MU2-3331
Wis	Nero Electronic Sales Corp	316 Elmwood, Wilmette, Ill	AL6-1045
For	Fine Tubes Ltd	King Charles Rd, Surbiton, Surrey, Eng	EL5313
	JOHNSON MFG CO., INC. R Thompson #2 *8 B 700-1635-1640	**Mt. Vernon, Iowa**	**3651**
Ill	W R Johnston	4700 W Madison, Chicago 44, Ill	MA6-2363
	JOHNSON MATTHEY & MALLORY LTD J Shirreff #8 *300 220-355-700-1125-1300-1625-1885-1960	**110 Industry St, Toronto, Ontario, Can**	**RO2-7201**
	JONARD INTERNATIONAL CORP 05-290-1165-1255	**624 Madison Ave, New York 22, NY**	
	JONATHAN MFG. CO F Hagen E 785-795-1620	**720 E. Walnut, Fullerton, Cal**	**LA6-4651**
Ala	Bill Hargot	2238 Duncan Dr, Largo, Fla	JU4-3745
Ariz	Don Kennedy	3132 E. Highland, Phoenix	CR4-8628
Ark	Campion Sales	8002 Chancellor Row, Dallas, Tex	FL7-4095
Cal	G B Ellis Sales Co, Inc	2316 El Camino Real, Mt. View	YO7-5531
Cal	Associated Aero Services Inc	Box 6291, San Diego 6	AC2-0344
Colo	Empire Prods, Inc	3395 S. Bannock, Englewood	SU9-2965
Conn	Schaal Assoc	11 Muzzey St, Lexington, Mass	VO2-3878
DC	Jonathan Mfg, Co	1209 Teaneck Rd, Teaneck, NJ	TE3-1061
Fla	Bill Hargot	2238 Duncan Dr, Largo	JU4-3745
Ga	Bill Harry Assoc	Box 9033, Charlotte 7, NC	FR5-8858
Ill	Gordon Fixmer Eng, Co	8160 Stanford Ave, St. Louis, Mo	PA5-5219
Ill	Engineered Sales Co, Inc	4738 N. Harlem Ave, Chicago	UN7-8434
Ind	Don Volante & Assoc	4240 Englewood Rd, Toledo, Ohio	TU2-2800
Iowa	Engineered Sales Co, Inc	4738 N. Harlem Ave, Chicago, Ill	UN7-8434
Kan	Gordon Fixmer Eng. Co	8160 Stanford Ave, St. Louis, Mo	PA5-5219
La	Campion Sales	8002 Chancellor Row, Dallas, Tex	FL7-4095
Me	Schaal Assoc	11 Muzzey St, Lexington, Mass	VO2-3878
Md	Jonathan Mfg, Co	1209 Teaneck Rd, Teaneck, NJ	TE3-1061
Mass	Schaal Assoc	11 Muzzey St, Lexington	VO2-3878
Mich	Don Volante & Assoc	4240 Englewood Rd, Toledo, Ohio	TU2-2800
Minn	Ed Melius & Assoc	2635 University Ave, St. Paul	MI6-7991
Mo	Gordon Fixmer Eng, Co	8160 Stanford Ave, St. Louis	PA5-5219
Nev	Don Kennedy	3132 E. Highland, Phoenix, Ariz	CR4-8628

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NH	Schaal Assoc	11 Muzzey St. Lexington, Mass	VO2-3578
NJ	Jonathan Mfg. Co	1209 Teaneck Rd. Teaneck	TE3-0061
NM	Don Kennedy	3132 E. Highland, Phoenix, Ariz	CR4-8628
NY	Jonathan Mfg. Co	1209 Teaneck Rd. Teaneck, NJ	TE3-0061
NY	Reed-Tollefson Corp	2815 Monroe Ave. Rochester	GR3-2767
NC	Bill Henry Assoc	Box 6073, Charlotte	FR5-8358
ND	Ed Melius & Assoc	2635 University Ave. St. Paul, Minn	MI6-7991
Ohio	Deo Volente & Assoc	4240 Englehurst Rd. Toledo	TU2-2530
Okla	Campion Sales	9002 Chancellor Row, Dallas, Tex	FL7-4095
Ore	Rush Drake Assoc. Inc	1817 Norman St. Seattle, Wash	EA3-8545
Pa	Jonathan Mfg. Co	1209 Teaneck Rd. Teaneck, NJ	TE3-0061
RI	Schaal Assoc	11 Muzzey St. Lexington, Mass	VO2-3578
SC	Bill Henry Assoc	Box 6073, Charlotte, NC	FR5-8358
SD	Ed Melius & Assoc	2635 University Ave. St. Paul, Minn	MI6-7991
Tex	Campion Sales Co. Inc	9002 Chancellor Row, Dallas	FL7-4095
Utah	Don Kennedy	3132 E. Highland, Phoenix, Ariz	CR4-8628
Vt	Schaal Assoc	11 Muzzey St. Lexington, Mass	VO2-3578
Va	Bill Henry Assoc	Box 6073, Charlotte, NC	FR5-8358
Wash	Rush Drake Assoc. Inc	1817 Norman St. Seattle 44	EA3-8545
Wis	Engineered Sales Co. Inc	4738 N. Harlem Ave. Chicago, Ill	UN7-8434
Wis	Ed Melius & Assoc	2635 University Ave. St. Paul, Minn	MI6-7991
Can	Whittaker Electronics Ltd	1171 Whitmore Ave. Ottawa, Ont	PA8-7913

JONES ELECTRONICS, HIRAM — **2313 W. Olive Ave, Burbank, Cal** — **VI9-5311**
345-790-905-925-1125-1290-1700-1785-1940

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Conrad & Co	3110 Goddard Way, San Diego 1, Cal	CY6-2732
Conn	E A I	200 Fifth St, Stamford, Conn	DA4-7300
Mass	E A I	14 Wedgewood Rd, Natick, Mass	DA4-7300
Ohio	Roger E Schlemmer	8442 Curzon Ave, Cincinnati 16, Ohio	PO1-2916
Tex	Packard Associates	Love Field Air Terminal Bldg, Dallas 35	FL7-5713
Canada	E S Gould Sales Co	19 Le Royer St. W., Montreal, Quebec	AV8-5716

• **JONES, HOWARD B DIV CINCH MFG CO** — **1026 S.Homan Ave, Chicago 24, Ill** — **NE2-2000**
R Corner 345-925-1785

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Graphik-Circuits Div	200 S. Trumbull Canyon Rd. City of Industry	ED3-1201
Cal	Howard B Jones Div	1709 W. 8th St, Los Angeles 17, Cal	HU3-6810
DC	S K Macdonald Inc	3308 14th St. NW. Washington 10	CO5-3938
Fla	Cartwright & Bean	2505 Nancy St. Orlando	GA5-8284
Fla	Cartwright & Bean	20100 N.E., 25th Ct. North Miami Beach	WI6-2962
Ga	Cartwright & Bean	3223 Cains Hill Pl, N.W., Atlanta, Ga	CE7-2273
Ind	Howard B Jones Div	4091 Millersville Rd. Indpls	LI7-2300
La	Cartwright & Bean	821 Pontalba St. New Orleans	HU8-2264
Md	S K Macdonald Inc	2016 Linford Rd. Baltimore 14	ID5-1760
Mass	Howard B Jones Div	Wellesley Hills, Mass	CE5-7410
Mich	Howard B Jones Div	2832 E. Grand Blvd, Detroit 11, Mich	TR3-9500
Mich	Howard B Jones Div	5006 Lake Forest Dr, Kalamazoo, Mich	FI5-5686
NY	Howard B Jones Div	647 S. Warren Ave, Syracuse, NY	HA2-1379
NY	Howard B Jones Div	475 Fifth Ave, New York 17, NY	MU3-9356
NC	Cartwright & Bean	625 Harwyn Dr. Charlotte	333-2986
Ohio	Scott & Steffen Inc	1836 Euclid Ave, Cleveland, Ohio	TO1-2626
Pa	S K Macdonald Inc	1531 Spruce St, Philadelphia, Pa	KI5-1205
Pa	Howard B Jones Div	3701 N. Broad St. Phila 40	BA5-4775
Pa	S K Macdonald Inc	335 5th Ave. Pittsbgh 22	AT1-2253
Tenn	Cartwright & Bean	561 S. Cooper, Memphis, Tenn	BR6-4442
Wash	Howard B Jones Div	Norton Bldg. Seattle	MA2-5821
Can	Howard B Jones Div	93 Yorkville Ave. Toronto, Ont	WA4-2157
Can	Howard B Jones Div	Shell Tower Bldg. Montreal, Que	UN6-7464
Canada	Howard B Jones Div	Gage Ave & Beach Rd. Hamilton, Ont	LI4-5791

JONES & LAMSON MACHINE CO — **539-D Clinton St, Springfield, Vt** — **TU5-2121**
K Hess #75 *900 G 895-1075

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	J R Carlson Machinery Co	3166 Maple Dr, N.E., Atlanta 5, Ga	CE7-3276
Ariz	Germain Machinery Co	1829 S. Central Ave, Phoenix, Ariz	AL4-7790
Ark	K P Wesseling & Co., Inc	310 N. Euclid Ave, St. Louis 8, Mo	FO7-0610
Cal	Germain Machinery Co	3200 S. Garfield Ave, L A 22, Cal	RA3-7111
Cal	Moore Machinery Co	7th & Carleton Sts, Berkeley 10, Cal	TH1-6500
Cal	J T Andersen	10731 Groveland Ave, Whittier, Cal	OX7-5472
Colo	Geoffroy-Lane Inc	432 E. 1st Ave, Denver 3, Colo	SH4-2451
Conn	Jones & Lamson Machine Co	442 Marrett Rd. Lexington 73, Mass	VO2-7620
Conn	Jones & Lamson Machine Co	30 Rockefeller Plaza, New York 20, NY	CI7-5416
Del	Jones & Lamson Machine Co	913 Montgomery Ave, Narberth, Pa	TR7-2852
DC	Jones & Lamson Machine Co	913 Montgomery Ave. Narberth, Pa	TR7-2852
Fla	J R Carlson Machinery Co	711 Magnolia Ave, Orlando, Fla	CH1-3041
Ga	J R Carlson Machinery Co	3166 Maple Dr, N.E., Atlanta 5, Ga	CE7-3276
Idah	Allied Northwest Mach Tool Corp	607 Crandall Bldg. Salt Lake City 1, Utah	EL5-3092
Ill	E L Essley Machinery Co., The	565 W Washington, Chicago 6	RA6-9644
Ill	Jones & Lamson Machine Co	5835 W. North Ave, Chicago 39, Ill	BE7-1112
Ill	K P Wesseling & Co., Inc	310 N. Euclid Ave, St. Louis 8, Mo	FO7-0610
Ind	Jones & Lamson Machine Co	6325 Guilford Ave, Indpls 20, Ind	CL1-4220
Ind	Clark & Osborne	6325 Guilford Ave, Indpls 20, Ind	CL5-5668
Iowa	E L Essley Machinery Co., The	565 W Washington, Chicago 6, Ill	RA6-9644
Iowa	T S McShane Co., Inc	1113 Howard St, Omaha, Neb	JA1273
Kan	White Star Mchry & Supply Co., Inc	720 E 10th, Wichita	HO4-3321
Kan	Leo Hoey Machine Co	P.O. Box 6, Mission, Kan	HE2-0118
Ky	Jones & Lamson Machine Co	6325 Guilford Ave, Indpls 20, Ind	CL1-4220
Ky	Wilhelm Tool Agency	1551 Bardstown Rd, Louisville 5, Ky	GL1-2231
La	Oliver H Van Horn Co., Inc	228 Spring St, Shreveport, La	2-2173
La	Oliver H Van Horn Co., Inc	1742 St. Charles Ave, New Orleans 1, La	JA2-8631
Me	Lynd-Farquhar Co	960 Park Square Bldg, Boston, Mass	HA6-0620
Md	Jones & Lamson Machine Co	913 Montgomery Ave. Narberth, Pa	MO4-4132
Mass	Jones & Lamson Machine Co	442 Marrett Rd. Lexington 73	VO2-7620
Mich	Jones & Lamson Machine Co	16927 Jas Couzens Hwy, Detroit 35, Mich	UN4-7900
Minn	The Satterlee Co	2200 E. Franklin Ave Mnpls 4, Minn	FE3-5264
Miss	Oliver H Van Horn Co., Inc	451 N. Gallatin St, Jackson, Miss	FL44321
Mo	K P Wesseling & Co., Inc	310 N. Euclid Ave, St. Louis 8, Mo	FO7-0610
Mo	Leo Hoey Machine Co	P.O. Box 6, Mission, Kan	HE2-0118
Neb	T S McShane Co., Inc	1113 Howard St, Omaha, Neb	JA1273
Nev	Germain Machinery Co	3200 S. Garfield Ave, L A 22, Cal	RA3-7111
Nev	Allied Northwest Mach Tool Corp	607 Crandall Bldg. Salt Lake City 1, Utah	EL5-3092
NJ	Jones & Lamson Machine Co	913 Montgomery Ave. Narberth, Pa	MO4-4132
NJ	Jones & Lamson Machine Co	30 Rockefeller Plaza, New York 20, NY	CI7-5416
NM	Geoffroy-Lane Inc	432 E. 1st Ave, Denver 3, Colo	SH4-2451
NY	Jones & Lamson Machine Co	30 Rockefeller Plaza, New York 20, NY	CI7-5416
NY	Jones & Lamson Machine Co	442 Marrett Rd. Lexington 73, Mass	VO2-7620
NY	A V Wiggins Co., Inc	3[illegible] Fayette St, Syracuse 1, NY	GR1-9141
NC	Jones & Lamson Machine Co	1900 Commonwealth Ave, Charlotte 5, NC	ED4-3854
ND	The Satterlee Co	2200 E. Franklin Ave, Mnpls 4, Minn	FE3-5264
Ohio	Jones & Lamson Machine Co	28000 Euclid Ave, Cleveland 17, Ohio	RE2-7070
Ohio	Jones & Lamson Machine Co	16927 James Couzens Hwy, Detroit, Mich	UN4-7900
Ohio	Barney Machinery Co	1002 Greentree Rd, Pittsburgh 20, Pa	WA2-1207
Okla	Marshall Supply & Equipment Co	920 E. Archer, Tulsa, Okla	LU4-5275
Ore	Allied Northwest Machine Tool Corp	1222 S.E. 7th Ave, Portland 14, Ore	BE4-7513
Pa	Barney Machinery Co	1002 Greentree Rd, Pittsburgh 20, Pa	WA2-1207
Pa	Jones & Lamson Machine Co	913 Montgomery Ave. Narberth	TR7-2852
RI	Jones & Lamson Machine Co	442 Marrett Rd. Lexington 73, Mass	VO2-7620
SC	Jones & Lamson Machine Co	1900 Commonwealth Ave, Charlotte 5, NC	ED4-3854
SD	The Satterlee Co	2200 E. Franklin Ave, Mnpls 4, Minn	FE3-5264
Tenn	Jones & Lamson Machine Co	1900 Commonwealth Ave, Charlotte 5, NC	ED4-3354
Tex	Edward Abrahamovich	7650 Bellaire St. Houston 33	MI5-3063
Tex	Oliver H Van Horn Co., Inc	451 Main St, Fort Worth 1, Tex	ED5-4484
Tex	Wessendorff Nelms & Co., Inc	5535 Harvey Wilson Dr, Houston 20, Tex	WA8-5151
Utah	Allied Northwest Mach Tool Corp	607 Crandall Bldg. Salt Lake City 1	EL5-3092
Va	Jones & Lamson Machine Co	1900 Commonwealth Ave, Charlotte 5, NC	ED4-3854
Wash	Perine Machinery & Supply Co	1921 1st Ave, S., Seattle 4, Wash	MA2-2620
W. Va	Barney Machinery Co	1002 Greentree Rd, Pittsburgh 20, Pa	WA2-1207
Wisc	L L Richards Machinery Co	6455 W. River Pkwy, Milwaukee 13, Wisc	SP1-3120
Wisc	The Satterlee Co	2200 E. Franklin Ave, Mnpls 4, Minn	FE3-5264
Wyo	Geoffroy-Lane Inc	432 E. 1st Ave, Denver 3, Colo	SH4-2451
For	Jones & Lamson Machine Co	S A, Lot, Belgium	BR56.73.2[illegible]

• **JONES ELECTRONICS CO. INC., M. C., SUB BENDIX CORP.** — **185 N Main St. Bristol, Conn** — **LU2-6388**
D Coe #6 *92 D 25-338-845-895-1045-1135

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ariz	Scintilla Div Bendix Corp	117 E Providencia Ave. Burbank, Cal	VI9-3961
Ark	Scintilla Div Bendix Corp	4104 N Harlem St. Chicago 34, Ill	GL6-4031
Cal	Scintilla Div Bendix Corp	117 E Providencia Ave. Burbank, Cal	VI9-3961
Colo	Scintilla Div Bendix Corp	4104 N Harlem St. Chicago, Ill	GL6-4031
Idah	Scintilla Div Bendix Corp	117 E Providencia Ave. Burbank, Cal	VI9-3961
Ill	Scintilla Div Bendix Corp	4104 N Harlem St. Chicago 34, Ill	GL6-4031
Ind	Scintilla Div Bendix Corp	4104 N Harlem St. Chicago 34, Ill	GL6-4031
Iowa	Scintilla Div Bendix Corp	4104 N Harlem St. Chicago 34, Ill	GL6-4031
Kan	Scintilla Div Bendix Corp	4104 N Harlem St. Chicago 34, Ill	GL6-4031
Ky	Scintilla Div Bendix Corp	4104 N Harlem St. Chicago 34, Ill	GL6-4031
La	Scintilla Div Bendix Corp	4104 N Harlem St. Chicago 34, Ill	GL6-4031
Mich	Scintilla Div Bendix Corp	4104 N Harlem St. Chicago 34, Ill	GL6-4031
Minn	Scintilla Div Bendix Corp	4104 N Harlem St. Chicago 34, Ill	GL6-4031
Miss	Scintilla Div Bendix Corp	4104 N Harlem St. Chicago 34, Ill	GL6-4031
Mo	Scintilla Div Bendix Corp	4104 N Harlem St. Chicago 34, Ill	GL6-4031
Mont	Scintilla Div Bendix Corp	4104 N Harlem St. Chicago 34, Ill	GL6-4031
Neb	Scintilla Div Bendix Corp	4104 N Harlem St. Chicago 34, Ill	GL6-4031
Nev	Scintilla Div Bendix Corp	117 E Providencia Ave. Burbank, Cal	VI9-3961
NM	Scintilla Div Bendix Corp	4104 N Harlem St. Chicago 34, Ill	GL6-4031
ND	Scintilla Div Bendix Corp	4104 N Harlem St. Chicago 34, Ill	GL6-4031
Ohio	Scintilla Div Bendix Corp	4104 N Harlem St. Chicago 34, Ill	GL6-4031
Okla	Scintilla Div Bendix Corp	4104 N Harlem St. Chicago 34, Ill	GL6-4031
Ore	Scintilla Div Bendix Corp	117 E Providencia Ave. Burbank, Cal	VI9-3961
SD	Scintilla Div Bendix Corp	4104 N Harlem St. Chicago 34, Ill	GL6-4031
Tenn	Scintilla Div Bendix Corp	4104 N Harlem St. Chicago 34, Ill	GL6-4031
Tex	Scintilla Div Bendix Corp	4104 N Harlem St. Chicago 34, Ill	GL6-4031
Utah	Scintilla Div Bendix Corp	117 E Providencia Ave. Burbank, Cal	VI9-3961
Wash	Scintilla Div Bendix Corp	117 E Providencia Ave. Burbank, Cal	VI9-3961
Wis	Scintilla Div Bendix Corp	4104 N Harlem St. Chicago 34, Ill	GL6-4031
Wyo	Scintilla Div Bendix Corp	4104 N Harlem St. Chicago 34, Ill	GL6-4031

JONES & ROY CO — **620 Commercial Ave, Covina, Cal** — **ED1-4874**
345-1120-1125-1300-1630-1690-1700-1875-1970

JONESVILLE PAPER TUBE CORP — **474 Beck Rd, Jonesville, Mich** — **VI9-2951**
W Schrey *27 B 900-1890

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NY	Harold F Temple	70 Brook Rd, Valley Stream, NY	PY1-6264

JONTZ MFG CO., INC — **1101 E.McKinley Ave, Mishawaka, Ind** — **BI9-2496**
W Jontz *12 B 45

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Cartwright & Bean Associates	560 S. Cooper St, Memphis, Tenn	BR5-1914
Ark	Cartwright & Bean Associates	560 S. Cooper St, Memphis, Tenn	BR5-1914
Fla	Cartwright & Bean Assoc	560 S Cooper St. Memphis, Tenn	BR5-1914
Ga	Cartwright & Bean Associates	560 S. Cooper St, Memphis, Tenn	BR5-1914
Hawaii	Dougherty Enterprises	149 Kaimi St, Kailua, Hawaii	265-275
Ill	Ray R Hutmacher Associates Inc	6647 N. Oliphant Ave, Chicago 31, Ill	NE1-3248
Ind	Thomas & Sukup Inc	5226 N. Keystone, Indianapolis, Ind	CL1-4574
Iowa	Carmine A Vignola & Associates	P.O. Box 569, Jefferson City, Mo	5-1028
Kan	Carmine A Vignola & Associates	P.O. Box 569, Jefferson City, Mo	5-1028
Ky	Thomas & Sukup Inc	5226 N. Keystone, Indianapolis, Ind	CL1-4574
La	Hank Lieberman & Associates	P.O. Box 12262, Dallas 25, Tex	EM3-3452
Mich	Ray R Hutmacher Associates Inc	6647 N. Oliphant Ave, Chicago 31, Ill	NE1-3248
Mich	Midwest Sales Co	3219 W. 117th St, Cleveland 11, Ohio	WI1-2700
Minn	Elmer Hagestad & Associates	4513 Laguna Dr, Minneapolis 24, Minn	WA2-2034
Miss	Cartwright & Bean Associates	560 S. Cooper St, Memphis, Tenn	BR5-1914
Mo	Carmine A Vignola Associates	P.O. Box 569, Jefferson City, Mo	5-1028
Neb	Carmine A Vignola Associates	P.O. Box 569, Jefferson City, Mo	5-1028
NY	Maury Farber Associates	70 W. Chippewa, Buffalo 2, NY	MO3-5434
NC	Cartwright & Bean Associates	560 S. Cooper St, Memphis, Tenn	BR5-1914
ND	Elmer Hagestad & Associates	4513 Laguna Dr, Minneapolis 24, Minn	WA2-2034
Ohio	Midwest Sales Co	3219 W. 117th St, Cleveland 11, Ohio	WI1-2700
Okla	Hank Lieberman & Associates	P.O. Box 12262, Dallas 25, Tex	EM3-3452
Pa	Midwest Sales Co	3219 W. 117th St, Cleveland 11, Ohio	WI1-2700
Pa	Maury Farber Associates	70 W. Chippewa, Buffalo 2, NY	MO3-5434
SC	Cartwright & Bean Associates	560 S. Cooper St, Memphis, Tenn	BR5-1914
SD	Elmer Hagestad & Associates	4513 Laguna Dr, Minneapolis 24, Minn	WA2-2034
Tenn	Cartwright & Bean Associates	560 S. Cooper St, Memphis, Tenn	BR5-1914
Tex	Hank Lieberman & Associates	P.O. Box 12262, Dallas 25, Tex	EM3-3452
Va	Cartwright & Bean Associates	560 S. Cooper St, Memphis, Tenn	BR5-1914
W. Va	Midwest Sales Co	3219 W. 117th St, Cleveland 11, Ohio	WI1-2700
Wisc	Elmer Hagestad & Associates	4513 Laguna Dr, Minneapolis 24, Minn	WA2-2034
Wisc	Ray R Hutmacher Associates	6647 Oliphant Ave, Chicago 31, Ill	NE1-3248

JORDAN CONTROLS INC — **3225 W. Hampton, Milwaukee 9, Wisc** — **UP1-9240**
W Gettelman #3 *26 D 20-338-360-895-1550-1555

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Hydra-Aire	615 N 9th St. Birmingham 4	FA4-8821
Ark	James H Ware	PO Box 493, Baton Rouge, La	
Cal	W H Del Mar Co	3925 W. Slauson Ave, L A 43, Cal	AX5-6421
Cal	McCarthy-Hood & Associates	1485 Bayshore Blvd, San Francisco, Cal	JU6-1860
Colo	J H Dorough Co., Inc	1663 Central St. Denver	GE3-6341
Conn	Lanman Sales Co	10 Ardlock Pl. Webster, Mass	1727
Conn	Jackson Eng Co	128 Court St. White Plains, NY	WH8-1033
Del	Jackson Eng Co	211 Ford Rd. Phila, Pa	MO4-9611
DC	Frost Eng Corp	628-630 S Bruce St. Baltimore, Md	WI5-0033
Ill	Clarkson Engrg Co	105 N. Laramie Ave, Chicago 44, Ill	AU7-4272
Ill	Medor, Inc	10408 Manchester Ave. St Louis, Mo	YO5-6270
Ind	Gorske Industrial Equipment	132 E. 30th St, Indpls, Ind	WA4-1000
Kan	Herbert F Ziegler Co	4308 Cambridge St. Kansas City	JO2-7352
Ky	Willey-Wray Electric Co	1523-25-27 Central Pkwy, Cinti, Ohio	PA1-4720
Ky	Gorske Ind Eqpt	132 E 30th St. Indpls, Ind	WA4-1000
La	James H Ware	PO Box 493, Baton Rouge	
Me	Lanman Sales Co	10 Ardlock Pl. Webster, Mass	1727
Md	Frost Eng Corp	628-630 S Bruce St. Baltimore	WI5-0033
Mass	Lanman Sales Co	10 Ardlock Pl, Webster, Mass	1727
Mich	John Boyko Engrg Co	10051 Houston Ave, Detroit 5, Mich	DR1-2840
Minn	Industra Co	6504 Walker St. Mnpls	WE9-6224
Miss	James H Ware	PO Box 493, Baton Rouge, La	
Mo	Medor, Inc	10408 Manchester Ave. St Louis	YO5-6270
Mo	Herbert F Ziegler Co	4308 Cambridge St. Kansas City 3, Kan	JO2-7352
Nev	McCarthy Sales & Assoc	1485 Bayshore Blvd. S F, Cal	JU6-1860
NH	Lanman Sales Co	10 Ardlock Pl. Webster, Mass	1727
NJ	Jackson Eng Co	128 Court St. White Plains, NY	WH8-1033
NY	Glaser Corp	797 Military Rd. Buffalo 17	TR5-1221
NY	Bernard Fleckenstein	210 Sunnybrook Dr, Syracuse 9, NY	[illegible]
NY	Jackson Engrg Co	128 Court St, White Plains, NY	WH8-1033
Ohio	Steve J Vamb	4619 E 93rd St. Garfield Hts	BO1-2866
Ohio	John Boyko Eng Co	Detroit, Mich	DR1-2840
Ohio	Willey-Wray Electric Co	1523 Central Pkwy, Cincinnati 14, Ohio	PA1-4720
Okla	John W Elder Co	1525 E 4th St. Tulsa	3-9148
Ore	Ind Components Inc	416 NW Canyon Rd. Beaverton	MI4-0126
Pa	Jackson Eng Co	211 Ford Rd. Phila	MO4-9611
Pa	Foster-McClinton Inc	Cochran & Greentree Rds. Pittsburgh 20	
RI	Lanman Sales Co	10 Ardlock Pl. Webster, Mass	1727
Tex	Robert R Clarke Co	3115 Buffalo Dr. Houston	JA6-4908
Vt	Lanman Sales Co	10 Ardlock Pl. Webster, Mass	1727
Va	Frost Eng Corp	628-630 S Bruce St. Baltimore, Md	WI5-0033
Wash	A F Bradley	84 Madison St, Seattle, Wash	EL7061
W Va	Foster-McClinton Inc	Cochran & Greentree Rds. Pittsburgh, Pa	LE1-7113
Wis	Automation Eng Co	4567 W Donna Dr. Milwaukee	
Wyo	J H Dorough Co., Inc	1663 Central St. Denver, Colo	GE3-6341
Canada	Norton Engrg Ltd	1340 Commercial Dr, Vancouver, BC Can	HA9007
For	Electrodesign, Ltd	9124 St Lawrence Blvd. Montreal, Que	DU9-5914

JORDAN ELECTRONICS DIV. VICTOREEN INST. CO — **121 S. Palm Ave. Alhambra, Cal** — **CU3-6425**
G Eagan #15 *130 E 365-685-895-915-1150-1340-1810

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	George F Bohman	1239 New Castle Dr. Orlando, Fla	GA4-2076
Cal	Charles Fowler Co	499 Hamilton, Palo Alto	DA1-1810
Cal	Sam S Dawson	127 University Ave, San Diego 3, Cal	CY5-6671
Conn	Norman S Stachelek Co	94 Kenwood St, Kensington, Conn	VA8-4587
Del	Beebe & Aikman	237 Lancaster Ave, Devon, Pa	MU8-5173
DC	J A Mount Co	National Press Bldg, Washington 4, DC	DI7-1349
Fla	George F Bohman	1239 New Castle Dr. Orlando	GA4-2076
Ga	George F Bohman	1239 New Castle Dr. Orlando, Fla	GA4-2076
Ind	Ashby & Associates	Talbott Towers, Dayton, Ohio	BA8-8661
Iowa	Design & Sales Engineering Co	7603 Forsyth Blvd, St. Louis 5, Mo	PA1-6403
Kan	Daseco Design & Engr. Co	2600 Grand Ave. KC, Mo	GR1-1640
La	Kantenberger Co	711 Revenchon Dr, Dallas 11, Tex	WH8-9535
Me	Norman S Stachelek Co	94 Kenwood St, Kensington, Conn	VA8-4587
Md	Beebe & Aikman	237 Lancaster Ave, Devon, Pa	MU8-5173
Mass	Norman S Stachelek Co	94 Kenwood St, Kensington, Conn	VA8-4587
Mich	Ashby & Associates	Talbott Towers, Dayton, Ohio	BA8-8661
Mo	Deseco Design & Engr. Co	7603 Forsyth Blvd. St. Louis 5	PA1-6403
NH	Norman S Stachelek Co	94 Kenwood St, Kensington, Conn	VA8-4587
NJ	Creek Corp	Lumber Rd, Roslyn, NY	MA1-7410
NJ	Beebe & Aikman	237 Lancaster Ave, Devon, Pa	MU8-5173
NY	Creek Corp	Lumber Rd, Roslyn, NY	MA1-7410
Ohio	Ashby & Associates	Talbott Towers, Dayton, Ohio	BA8-8661
Okla	Kantenberger Co	1231 S. Gary St, Tulsa 4, Okla	
Ore	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	ME3-3160
Pa	Beebe & Aikman	237 Lancaster Ave, Devon, Pa	MU8-5173
RI	Norman S Stachelek Co	94 Kenwood St. Kensington, Conn	VA8-4587
Tex	Kantenberger Co	711 Revenchon Dr, Dallas 11, Tex	WH8-9535
Tex	Kantenberger Co	3011 Prescott St, Houston, Tex	MO4-2736
Tex	Kantenberger Co	1102 W. Gramercy, San Antonio, Tex	PE2-2151
Vt	Norman S Stachelek Co	94 Kenwood St, Kensington, Conn	VA8-4587
Va	Jay A Mount Co	National Press Bldg, Washington 4, DC	DI7-1349
Wash	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	ME3-3160
Canada	R C Testing & Control Systems	618 Vaughan Rd, Toronto 10, Ont, Canada	RU1-6658
Foreign	Terminal Radio International	135 Liberty St, New York 6, NY	WO4-3311

JOY MFG CO — **Dept 39, Oliver Bldg, Pittsburgh 22, Pa** — **GR1-2140**
J Richards 105-345-925-1135-1315-1340-1375-1735

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Crandall Engineering Co	601 N. 10th St, Birmingham, Ala	AL1-9262
Cal	Joy Mfg Co	5426 E. Washington Blvd, L A 22, Cal	RA3-6305
Cal	Joy Mfg. Co	1155 Harrison St. SF 3	HE1-3393
Colo	Joy Mfg. Co	1626 Wazee St. Denver 2	DN-688
DC	Joy Mfg. Co	1741 K St. NW, Washington 6	EX3-6200
Ill	Joy Mfg Co	560 W. Washington Blvd, Chicago 6, Ill	DE2-4670
Mass	Joy Mfg Co	Second Ave, Burlington, Mass	BR2-9500
Mich	Joy Mfg Co	17615 W. McNichols Blvd, Detroit 35	KE7-2560
Minn	Joy Mfg. Co	1021 E. Superior St. Duluth 2	RA4-8875
Mo	Joy Mfg. Co	1203 Mackland Ave. St. Louis 10	MI5-6670
Mont	Joy Mfg. Co	24 W. Granite St. Butte	6721
NM	Joy Mfg. Co	507 Park Dr. Carlsbad	TU5-4175
NM	Joy Mfg. Co	San Mateo Rd. Grants	AT7-3702
NY	Joy Mfg Co	100 Church St, New York 7, NY	CO7-6545
Ohio	Joy Mfg Co	16141 Puritas Ave, Cleveland 35, Ohio	CL1-9444
Ore	Joy Mfg. Co	1631 NW Thurman St. Portland 9	CA7-5561
Pa	Joy Mfg Co	1421 Walnut St, Philadelphia 2, Pa	PE5-1414
Pa	Joy Mfg. Co	3021 Banksville Rd. Pittsbgh 16	LO3-4000
Pa	Joy Mfg. Co	453 Main St. Luzerne	BU8-4523
Tenn	Joy Mfg. Co	108 W. Main Ave. Knoxville 2	522-421
Tex	Joy Mfg Co	1022 Wyoming St, El Paso, Tex	KE3-2121
Tex	Joy Mfg. Co	7425 Hines Blvd. Dallas 20	FL7-3948
Utah	Joy Mfg. Co	998 S. 6th W. St. Salt Lake City 4	DA2-0481
Wash	Joy Mfg. Co	402 1st Ave. W. Seattle 9	AT3-5979
W Va	Joy Mfg. Co	742 8th Ave. Huntington	JA3-3439

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	JUALL GEAR CO., INC	1100 Goffle Rd, Hawthorne, NJ	HA7-4220
	C Juall #1 *26 C 755		
	JUDD WIRE MFG CORP	22 Ave. A, Turners Falls, Mass	UN3-4358
	T Judd #2 *25 B 190-1960		
•	JULIE RESEARCH LABS., INC	603 W 130 St, New York 27, NY	AU6-9200
	L McCoiley #5 *60 E 895-1150-1200-1330-1475		
Ala	W A Brown & Associates	3405 Lookout Dr, Huntsville, Ala	JE6-8393
Alas	Comptronics	2 Hanford St, Seattle 4, Wash	
Ariz	Luscombe Engineering Co	3050 El Cajon Blvd, San Diego, Cal	AT3-2081
Cal	Luscombe Engineering Co	1129 E. Fair Oaks Ave, Pasadena, Cal	MU2-3386
Cal	Luscombe Engineering Co	130 N. B St, San Mateo, Cal	DI2-7057
Colo	EMF Assoc	1357 Harlan St, Denver 15, Colo	BE3-9592
Conn	George Gostenhofer & Associates	7 Wellington St, Waltham 54, Mass	TW4-9500
Del	W A Brown & Associates	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
DC	W A Brown & Associates	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Fla	W A Brown & Associates	711 Magnolia, Orlando, Fla	GA5-9882
Ga	W A Brown & Associates	3405 Lookout Dr, Huntsville, Ala	JE6-8393
Ill	Walter F Marsh & Associates	244 Chicago Ave, Oak Park, Ill	EU6-2967
Ind	Electro Sales Associates	291 E. 216th St, Euclid 23, Ohio	RE2-7444
Iowa	Walter F Marsh & Associates	244 Chicago Ave, Oak Park, Ill	EU6-2967
Kan	Lee Mark Associates	P.O. Box 8467, Kansas City 14, Mo	JA3-3299
Ky	Electro Sales Associates	291 E. 216th St, Euclid 23, Ohio	RE2-7444
Me	George Gostenhofer & Associates	7 Wellington St, Waltham 54, Mass	TW4-9500
Md	W A Brown & Associates	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Mass	George Gostenhofer & Associates	7 Wellington St, Waltham 54, Mass	TW4-9500
Mich	Electro Sales Associates	36505 Weideman Rd, Mt. Clemens, Mich	HO8-2461
Minn	Eng Products Assoc	1821 University Ave, St Paul, Minn	
Miss	W A Brown & Associates Inc	3405 Lookout Dr, Huntsville, Ala	JE6-8393
Mo	Lee Mark Associates	2001 Big Bend Blvd, St. Louis, Mo	MI7-1470
Neb	Lee Mark Associates	P.O. Box 8467, Kansas City 14, Mo	JA3-3299
Nev	Luscombe Engineering Co	1129 E. Fair Oaks Ave, Pasadena, Cal	MU2-3386
NH	George Gostenhofer & Associates	7 Wellington St, Waltham 54, Mass	TW4-9500
NJ	Bradley Associates Corp	215 W. 88th St, New York 24, NY	SU7-7227
NY	Bradley Associates Corp	215 W. 88th St, New York 24, NY	SU7-7227
NY	dB Associates Inc	P.O. Box 294, De Witt, NY	GR-0020
NC	W A Brown & Associates	1707 Princeton St, S.W., Winston-Salem	PA5-5384
Ohio	Electro Sales Associates	291 E. 216th St, Euclid 23, Ohio	RE2-7444
Pa	Holdsworth & Co	Box 71, Lansdowne, Pa	MA6-8300
SC	W A Brown & Associates Inc	1707 Princeton St, S.W., Winston-Salem	PA5-5384
Tenn	W A Brown & Associates Inc	1707 Princeton St, S.W., Winston-Salem	PA5-5384
Tex	Kenco, Inc	P.O. Box 598, Irving, Tex	
Utah	EMF Assoc	138 S 2nd East, Salt Lake City	
Vt	George Gostenhofer & Associates	7 Wellington St, Waltham 54, Mass	TW4-9500
Va	W A Brown & Associates	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Wash	Comptronics	2 Hanford St, Seattle 4, Wash	
W. Va	W A Brown & Associates	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Wisc	Walter F Marsh & Associates	244 Chicago Ave, Oak Park, Ill	EU6-2967
Canada	Radionics Ltd	8230 Mayrand St, Montreal 9, Canada	RE9-5517
Foreign	Hudson Randall International	6 Pawcatuck Ave, Westerly, RI	
•	K-F DEVELOPMENT CO	2606 Spring St, Redwood City, Cal	EM8-5670
	P Keeler #1 *10 B 1330-1475		
	KF PRODUCTS INC	3100 E 43rd Ave. Denver 16, Colo	KE4-0641
	J Ferrell #4 *95 D 895-1460		
	KLH RESEARCH & DEVELOPMENT CORP	30 Cross St, Cambridge 39, Mass	KI7-3015
	S Pressman #6 *75 E 1425-1675		
Ariz	H Stobin Co	19458 Ventura Blvd, Tarzana, Cal	ST4-7035
Cal	H Stobin Co	19458 Ventura Blvd, Tarzana	ST4-7035
Conn	Hetherington Sales	97 Bogle St, Weston, Mass	
Del	Arnold Packer	325 W. 86th St, New York, NY	
DC	Arnold Packer	325 W. 86th St, New York, NY	
Fla	World Wide Products	P.O. Box 154, N. Miami Beach, Fla	
Idaho	Dale G Weber	8 S.E. Clay, Portland 14, Ore	
Ill	G T Clears	435 Inderwood Blvd, Park Forest	PI8-2359
Ind	G T Clears	435 Inderwood Blvd, Park Forest, Ill	PI8-2359
Iowa	A K Elliott Co	211 Westport Rd, KC 11, Mo	LO1-9594
Kan	A K Elliott Co	211 Westport Rd, KC 11, Mo	LO1-9594
Me	Hetherington Sales Co	97 Bogle St, Weston, Mass	CE5-5323
Md	Arnold Packer	325 W. 86th St, New York, NY	
Mass	Hetherington Sales Co	97 Bogle St, Weston, Mass	CE5-5323
Mich	E Tymaur	5245 Centre Ave, Pittsbgh, Pa	MU2-1616
Minn	C R Gibb Co	2400 Hennepin Ave, Mpls 5	
Mo	A K Elliott Co	211 Westport Rd, KC 11	LO1-9594
Mont	Dale G Weber Co	8 S.E. Clay, Portland 14, Ore	
Mont	D G Weber Co	8 SE Clay, Portland 14, Ore	BE4-7671
Neb	A K Elliott Co	211 Westport Rd, KC 11, Mo	LO1-9594
Nev	J A Rowe & Assoc	8201 Baylor Lane, Westminster, Colo	
NH	Hetherington Sales Co	97 Bogle St, Weston, Mass	CE5-5323
NJ	A Packer	325 W. 86th St, New York, NY	
NJ	A Packer	325 W 86th St, NY, NY	TR3-6061
NM	J A Rowe & Assoc	8201 Baylor Ln, Westminster, Colo	
NY	Hetherington Sales Co	97 Bogle St, Weston, Mass	CE5-5323
ND	C R Gibb Co	2400 Hennepin Ave, Mpls 5, Minn	
Ohio	E Tymaur	5245 Centre Ave, Pittsbgh, Pa	MU2-1616
Okla	W R Hoyt	P.O. Box 12204, Dallas, Tex	
Ore	Dale G Weber Co	8 S. E. Clay, Portland, Ore	
Pa	A Packer	325 W. 86th St, New York, NY	
Pa	D Tymaur	765 College Ave, Pittsbgh 32	EM2-2272
RI	Hetherington Sales Co	97 Bogle St, Weston, Mass	CE5-5323
SD	C R Gibb Co	2400 Hennepin Ave, Mpls 5, Minn	
Tex	W R Hoyt	P.O. Box 12204, Dallas, Tex	
Utah	J A Rowe & Assoc	8201 Baylor Lane, Westminster, Colo	
Vt	Hetherington Sales Co	97 Bogle St, Weston, Mass	CE5-5323
Va	A Packer	325 W. 86th St, New York, NY	
Wash	Dale G Weber Co	8 S. E. Clay, Portland 14, Ore	
W Va	E Tymaur	5245 Centre Ave, Pittsbgh, Pa	MU2-1616
Wis	G T Clears	435 Inderwood Blvd, Park Forest, Ill	PI8-2359
Wyo	J A Rowe & Assoc	8201 Baylor Lane, Westminster, Colo	
	KTV TOWER & COMMUNICATION EQUIP CO	Box 294, Sullivan, Ill	5253
	P Hershman A 45		
	K-V TRANSFORMER CORP	20 E. Franklin St, Danbury, Conn	PI3-5531
	1420-1855		
	K-W ENGINEERING WORKS	N50 W16328 Pin Oak Ct, Butler, Wisc	SU1-8616
	H Koetel 45-320-1120		
Ala	Buthan Inc	4924 Oleander Dr, Wilmington, NC	5749
Fla	Buthan Inc	4924 Oleander Dr, Wilmington, NC	5749
Ga	Buthan Inc	4924 Oleander Dr, Wilmington, NC	5749
Ill	Gene T Clears Co	435 Indianwood Blvd, Park Forest, Ill	SK5-8359
Ind	Gene T Clears Co	435 Indianwood Blvd, Park Forest, Ill	SK5-8359
Ky	Midwest Sales Co	3219 W. 117th St, Cleveland 11, Ohio	WI1-2700
Mich	Midwest Sales Co	3219 W. 117th St, Cleveland 11, Ohio	WI1-2700
Miss	Buthan Inc	4924 Oleander Dr, Wilmington, NC	5749
NC	Buthan Inc	4924 Oleander Dr, Wilmington, NC	5749
Ohio	Midwest Sales Co	3219 W. 117th St, Cleveland 11, Ohio	WI1-2700
Pa	Midwest Sales Co	3219 W. 117th St, Cleveland 11, Ohio	WI1-2700
SC	Buthan Inc	4924 Oleander Dr, Wilmington, NC	5749
Tenn	Buthan Inc	4924 Oleander Dr, Wilmington, NC	5749
W. Va	Midwest Sales Co	3219 W. 117th St, Cleveland 11, Ohio	WI1-2700
Wisc	Gene T Clears Co	435 Indianwood Blvd, Park Forest, Ill	SK5-8359
	KAAR ENGINEERING CORP	2995 Middlefield Rd, Palo Alto, Cal	DA6-5050
	F Genochio #5 *85 45-325-360-1130-1235-1425-1870		
Ala	Nelson E Thomas	7925 Forshey St, New Orleans 25, La	HU8-3072
Ariz	King-Moon Co. Inc	129 N Garfield Ave, Monterey Park, Cal	CU3-7734
Ark	Nelson E Thomas	7925 Forshey St, New Orleans 25, La	HU8-3072
Cal	King-Moon Co, Inc	129 N Garfield Ave, Monterey Park	CU3-7734
Colo	Peyser & Co.	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Conn	R S Puleo	5 Whittier St, Lynbrook, NY	LY9-4875
Del	Leff & Eader Corp	1844 Edgewood Rd, Baltimore 4, Md	VA5-1130
DC	Leff & Eader Corp	1844 Edgewood Rd, Baltimore 4, Md	VA5-1130
Fla	Nelson E Thomas	7925 Forshey St. New Orleans 25, La	HU8-3072
Ga	Nelson E Thomas	7925 Forshey St, New Orleans 25, La	HU8-3072
Haw	Hastin Sales Corp	335 Cooke St, Honolulu	507-171
Idaho	Gordon Armstrong	629 W 11th St, Reno, Nev	FA3-5367
Ill	Wm J Doyle	3500 W Touhy Ave, Chicago 45	BR4-6695
Ind	Wm J Doyle	3500 W Touhy Ave, Chicago 45, Ill	BR4-6695
Iowa	Arthur K Elliott Co	211 Westport Rd, Kansas City 11, Mo	LO1-9594
Kan	Arthur K Elliott Co	211 Westport Rd, Kansas City 11, Mo	LO1-9594
La	Nelson E Thomas	7925 Forshey St, New Orleans 25, La	HU8-3072
Me	R S Puleo	5 Whittier St, Lynbrook, NY	LY9-4875
Md	T S Eader III	1844 Edgewood Rd, Baltimore 4, Md	VA5-1130
Mass	R S Puleo	5 Whittier St, Lynbrook, NY	LY9-4875
Mich	J Malcolm Flora Inc	N. Territorial at Ridgewood, Plymouth	GL3-4296
Minn	Wm J Doyle	3500 W Touhy Ave, Chicago 45, Ill	BR4-6695
Miss	Nelson E Thomas	7925 Forshey St, New Orleans 25, La	HU8-3072
Mo	Arthur K Elliott Co	211 Westport Rd, Kansas City 11, Mo	LO1-9594
Mont	Gordon Armstrong	225-29th Ave, N., Seattle, Wash	EA2-6180
Neb	Arthur K Elliott Co	211 Westport Rd, Kansas City 11, Mo	LO1-9594
Nev	Gordon Armstrong	629 W 11th St, Reno	FA3-5367
NH	R S Puleo	5 Whittier St, Lynbrook, NY	LY9-4875
NJ	Leff & Eader Corp	1844 Edgewood Rd, Baltimore 4, Md	VA5-1130
NM	Peyser & Co.	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
NY	R S Puleo	5 Whittier St, Lynbrook, NY	LY9-4875
NC	Hilker Co	Box 5211, Winston-Salem	PA5-8380
Ohio	Sid Lavin	4252 Mayfield Rd, Cleveland 24, Ohio	HI2-8340
Okla	Nelson E Thomas	7925 Forshey, New Orleans 25, La	HU8-3072
Ore	[illegible]	[illegible], Portland 15	CH5-3131
Pa	R S Puleo	5 Whittier St, Lynbrook, NY	LY9-4875
Pa	T S Eader III	1844 Edgewood Rd, Baltimore 4, Md	VA5-1130
RI	R S Puleo	5 Whittier St, Lynbrook, NY	LY9-4875
SC	Hilker Co., The	Box 5211, Winston-Salem, NC	PA5-8380
Tenn	Nelson E Thomas	7925 Forshey, New Orleans 25, La	HU8-3072
Tex	Nelson E Thomas	7925 Forshey, New Orleans 25, La	HU8-3072
Utah	Peyser & Co.	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Vt	R S Puleo	5 Whittier St, Lynbrook, NY	LY9-4875
Va	T S Eader III	1844 Edgewood Rd, Baltimore 4, Md	VA5-1130
Wash	Gordon Armstrong	225 29th Ave, N., Seattle, Wash	EA2-6180
W. Va	Sid Lavin	4252 Mayfield Rd, Cleveland 24, Ohio	HI2-8340
Wis	Wm J Doyle	3500 W Touhy Ave, Chicago 45, Ill	BR4-6695
Wyo	Peyser & Co.	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Can	Armstrong-Pacific, Ltd	905 Common Bldg, Vancouver, B.C.	MU1-5145
For	Telexco International Corp	171 Madison Ave, New York 16, NY	MU3-9420
For	Comunicaciones y Electronica, S. A.	Merida 175, Mexico 7, D. F.	25-3720
	KAHL SCIENTIFIC INST. CORP	737 W. Main St. El Cajon, Cal	HI4-5944
	G Kahl #5 *20 B 200-250-895-905-990-1407-1460-1545-1670-1735-1880		
NY	Kahl Scientific Instrument	12 E. 12th St, NY 3	WA4-5630
•	KAHLE ENGINEERING CO	3322 Hudson Ave. Union City, NJ	UN7-6500
	J Lindsey #10 *72 65-165-230-585-735-810-1075-1215-1390-1540-1545-1825-1875-1945-1970		
	KAHN & CO., INC	885 Wells Rd, Wethersfield, Conn	JA9-8643
	R Lacombe #10 *70 D 445-895-1215-1735		
	KAHN RESEARCH LABS INC	81 S. Bergen Pl, Freeport, NY	FR9-8800
	325-365-895-1425-1870		
Canada	Instronics Ltd	Stittsville, Ontario, Canada	TA9-1253
For	A Rocke Intercontinental Corp	33 E. 48th St, NY 17	YU6-2244
	KAISER AIRCRAFT & ELECTRONICS	2222 W. Peoria Ave, Phoenix, Ariz	WI3-3431
	G Kleykamp #50 *175 D 35-565-895-1870		
Ariz	G. C. Kleykamp	4145 N 18th Ave, Phoenix	CR7-8796
Cal	West Coast Electronic Lab	850 San Antonio Rd, Palo Alto	DA1-3221
DC	Paul Cahan	1625 Eye St, N.W. Washington 25, DC	ST3-1555
Utah	Gynn Bryce	1818 Douglas St, Salt Lake City	HU4-1181
	KAISER ELECTRONICS INC	43 Monroe St. Union, NJ	MU7-2525
	E Kaiser #4 *25 C 365-895		
Cal	C A Stone Assoc Inc	825 N. San Antonio Rd, Palo Alto	DA1-2724
Cal	C A Stone Assoc Inc	6071 National Blvd, LA	UP0-7771
DC	Arco Eng Co	1000 16th St, NW, Wash 6	EX3-5991
Md	Arco Eng Co	1000 16th St, NW, Wash 6, DC	EX3-5991
Minn	Murphy Assoc Inc	1940 Hennepin Ave, Mpls 5	FR4-2150
NJ	B R Griffin Co	Box 415, Spring House, Pa	MI6-8383
NY	E A Ossmann & Assoc	830 Linden Ave, Rochester 25	LU6-4940
NY	E A Ossmann & Assoc	101 Pickard Dr, Syracuse 11	GL4-2462
NY	E A Ossmann & Assoc	149 Front St, Vestal	ST5-0958
Pa	W R Griffin Co	Box 415, Spring House	MI6-8383
Va	Arco Eng Co	1000 16th St, NW, Wash 6, DC	EX3-5991
Wis	Murphy Assoc Inc	1940 Hennepin Ave, Mpls 5, Minn	FR4-2150
	KALPA SCIENTIFIC LABS	Box 172, Flemington, NJ	ST2-3000
	H Pollatz #1 *3 A 345-895-1135-1340-1460-1735-1855		
	KANTHAL CORP	17 Amelia Pl, Stamford, Conn	DA5-2206
	G Elsenbeis 735-1125-1215-1960		
Ariz	Hopper Sales Co	1135 Cheshire Ln, Webster Grove 19, Mo	WO1-8499
Cal	Jackson Edwards Co	4021 Lankershim Blvd, N. Hollywood, Cal	
Cal	Montgomery Brothers	1122 Howard St, San Francisco 3, Cal	
Conn	The John F Whitehead Co	P.O. Box 177, Monroe Bldg, Guilford, Conn	
Ill	Robert G Grand	7033 S. Bennett St, Chicago, Ill	
Iowa	Volco Co	811 S 8th St, Mpls 4, Minn	FE6-6031
Minn	Volco Co	811 S 8th St, Mpls 4	FE6-6031
Mo	Hopper Sales Co	1135 Cheshire Ln, Webster Groves 19	WO1-8499
Neb	Volco Co	811 S 8th St, Mpls 4, Minn	FE6-6031
NY	Thomas Ferguson	P.O. Box 3951, Rochester 10, NY	
NY	The Dane-Beach Co	301 Park Ave, New York 17, NY	
ND	Volco Co	811 S 8th St, Mpls 4, Minn	FE6-6031
Ore	Montgomery Brothers	3612 N.E. Johnson St, Portland 5, Ore	
Pa	William M Orr Co	N. Braddock St at Thomas Blvd, Pittsburgh 8	
Pa	George A Shelps	P.O. Box 254, Glenside, Pa	
SD	Volco Co	811 S 8th St, Mpls 4, Minn	FE6-6031
Tenn	G E Richter Jr	502 Chattanooga Bank Bldg, Chattanooga, Tenn	
Wash	Montgomery Brothers	511 Western Ave, Seattle 4, Wash	
	KARG LABORATORIES, INC	162 Ely Ave. South Norwalk, Conn	VO6-3200
	L Karg *7 325-895-1180-1425-1895-1900		
Ala	Sam Little Co	Box 308, East Point, Ga	761-5761
Alas	Deltronic International	25-14 Broadway, LIC, NY	
Cal	Ralph Aull Der Heide	Box 201, Altadena	MU1-9568
Conn	Paul Hanf Assoc	8 Oak St, Westport	CA7-1182
Fla	B Bernard Halpern & Assoc	Box 631, N Miami Beach 62, Fla	
Ga	Sam Little Co	Box 308, East Point	761-5761
Ill	Walter F Marsh & Assoc	244 Chicago Ave, Oak Park	EU6-2967
Mich	Wayne Biehl Co	13918 Fenkell, Detroit	VE8-5100
NY	Leon L Adelman Co	25 Chatterton Ave, NYC	WO2-5400
Ohio	Bill Blocki Assoc	2280 Liberty Rd, Stow, Ohio	
For	Deltronic International	25-14 Broadway, LIC, NY	
	KARLSON ASSOC INC	433 Hempstead Ave, West Hempstead, NY	IV9-3641
	A Karlson #2 *8 45-55-685-1370-1675-1810		
	KARTRON INC	Box 472, Huntington Beach, Cal	JE4-1161
	A 800-895		
•	KATAOKA ELECTRIC CO. LTD	247 Yoktgeyo-cho, Ohta-ku, Tokyo, Jap	
	K Katsezawa #200 *2,400 F 220-1330-1735-1895		
	KATO ENGINEERING CO	1415 1st Ave. Mankato, Minn	8-2941
	M Madsen #2 *200 D 255-365-895		
Cal	R T Puelicher	901 Laguna Rd, Pasadena	MU2-3080
Mass	Roswell Engineering	555 Plain St, Marshfield	TE4-8637
Minn	Arthur Engineering	1027 Burke Ave, St Paul 13, Minn	TU4-2277
NY	Howard Smith	259 W. 14th St, New York, NY	
Pa	Ruthenheber Co. Inc	51 Cricket Ave, Ardmore	MI2-6911
Tex	J H Lawrence Sales Co	Box 13025, Dallas 20	FL2-7484
Wis	Arthur Engineering	Box 2702, Milwaukee 13	GA5-3819
Canada	Acme Electric	50 Northline Rd, Toronto, Ontario & Quebec, Canada	
Canada	Charles L Thompson Co	3080 Woodbine Dr, North Vancouver, BC, Canada	
	KATOLIGHT CORP	First Ave & Chestnut St, Mankato, Minn	7966
	S Newbert #7 *350 E 895		
Alaska	Star Machinery Co	241 Lander St, Seattle 4, Wash	MA3-0760
Ariz	Central Station Equipment Co	2120 Aviation Hwy, Tucson, Ariz	MA3-2493
Ark	Hal Beard	173 S. Cooper St, Memphis, Tenn	BR4-1744
Cal	Frazier Wright Co	4517 E Slauson Ave, Maywood	LU3-3746
Colo	Earl E Pennington	12th & Shoshone, Denver 4, Colo	AL5-3920
Conn	Harold Buxton	R R 1, S. Acton, Mass	CO3-4143
Del	Atley Corp	220 N. 6th St, Camden 2, NJ	WA3-1085
DC	Murray C Nelson	800 Kingston Rd, Baltimore 29, Md	WI5-8445
Fla	R M Decarie	174 NE 109th St, Miami Shores	PL8-4151
Idaho	Star Machinery Co	241 Lander St, Seattle 4, Wash	MA3-2493
Ill	Alliance Products Co	4754 W. Washington Ave, Chicago 44, Ill	MA6-8451
Ind	Alliance Products Co	4754 W. Washington Ave, Chicago 44, Ill	MA6-8451
Iowa	Hickman G M Diesel	5425 Second Ave, Des Moines, Iowa	AT8-5731
Kan	Hoover Equipment	1900 Linwood Blvd, Oklahoma City, Okla	CE6-5011
Me	Harold Buxton	R R 1, South Acton, Mass	CO3-4143
Md	Murray C Nelson	800 Kingston Rd, Baltimore 29, Md	WI5-8445
Mass	Harold Buxton	R R 1, South Acton, Mass	CO3-4143
Mich	Coffman Electric	3716 S. Division Ave, S E, Grand Rapids	GL2-6402
Minn	Interstate GM Diesel, Inc	94th & Bloomington Freeway, Mpls 20	TU8-4695
Miss	Hal Beard	173 S. Cooper St, Memphis 3, Tenn	BR4-1744
Mont	Star Machinery Co	241 Lander St, Seattle 4, Wash	MA3-0760
Neb	Hickman G M Diesel	5425 Second Ave, Des Moines, Iowa	AT8-5731
NH	Harold Buxton	R R 1, South Acton, Mass	CO3-4143
NJ	Atley Corp	220 N. Sixth St, Camden 2, NJ	WA3-1085
NM	Earl E Pennington	12th & Shoshone, Denver, Colo	AL5-3920
NY	Howard F Smith	259 W. 14th St, New York 11, NY	CH2-2198
NC	E T Green	P.O. Box 5094, Greensboro, NC	BR5-3775
ND	Interstate G M Diesel	1313 S. Clover Dr, Minneapolis, Minn	UN6-8771
Okla	Hoover Equipment	1900 Linwood Blvd, Oklahoma City, Okla	CE6-5011
Ore	Star Machinery Co	241 Lander St, Seattle 4, Wash	MA3-0760
Pa	Atley Corp	220 N. 6th St, Camden 2, NJ	WA3-1085
Pa	Harvey E Rooker	Fairview Add-Mozart, Wheeling, W. Va	CE2-2245
RI	Harold Buxton	R R 1, South Acton, Mass	CO3-4143
SC	E T Green	P.O. Box 5094, Greensboro, NC	BR5-3775
SD	Interstate G M Diesel	1313 S. Clover Dr, Minneapolis, Minn	UN6-8771
Tenn	Hal Beard	173 S. Cooper St, Memphis 3, Tenn	BR4-1744
Tex	Earl E Pennington	12th & Shoshone Sts, Denver, Colo	AL5-3920
Utah	Earl E Pennington	12th & Shoshone Sts, Denver, Colo	AL5-3920
Vt	Harold Buxton	R R 1, South Acton, Mass	CO3-4143
Va	E T Green	P.O. Box 5094, Greensboro, NC	BR5-3775
Wash	Star Machinery Co	241 Lander St, Seattle 4, Wash	MA3-0760
W. Va	Harvey E. Rooker	Fairview Add-Mozart, Wheeling, W. Va	CE2-2245
Wisc	Milwaukee Engine & Equipment Co	3225 N. 124th St, Brookfield, Wisc	SU2-4545
Foreign	Silicon Associates Inc	259 W. 14th St, New York 11, NY	CH2-2198
	KAUKE & CO. INC	1632 Euclid St. Santa Monica, Cal	GL1-1424
	W Parker #8 *57 D 325-365-895-1340-1870		
Ala	Madco	Box 574, Rte. 1, Huntsville	JE9-6811
Cal	Joy Stone	349 1st St, Los Altos	WH8-4563

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Fla	Medco Inc	P.O. Box 216, Melbourne, Fla	PA3-7116
Ga	Medco	Box 574, Rte. 1, Huntsville, Ala	JE9-6811
•	**KAUPP & SONS, C B**	**32 Newark Way, Maplewood, NJ**	**SO3-2490**
	1120		
•	**KAY ELECTRIC CO**	**Maple Ave, Pine Brook, NJ**	**CA6-4000**
	R Coppolette 50-895-1135-1735-1870		
Cal	Kay Electric Co	P.O. Box 104, Garden Grove, Cal	JE7-1373
	KAYDON ENGINEERING CORP	**Muskegon, Mich**	**PL5-3741**
	R Blais *425 75-1280		
	KAYNAR MFG. CO. INC. KAYLOCK DIV	**Box 2001, Term. Annex, LA 54, Cal**	**SP3-3070**
	K Davis 645-790-1125-1205		
Cal	Adams Supply Co	4521 W. Jefferson Blvd. LA 16	RE1-8571
Ga	J O King Inc	1341 Spring St. NW, Atlanta	TR5-7974
Kan	Kaynar Mfg. Co. Inc. Kaylock Div	2704 E. Central, Wichita	MU4-3751
NY	Kaynar Mfg. Co. Inc. Kaylock Div	8730 18th Ave. NY 14	CL6-6775
Tex	Milam Acft. Supply Inc	2716 W. Mockingbird Ln. Dallas 35	FL1-3766
Wash	O J Harper Sales Co	93 Tobin Ave. Renton	AL5-0414
Can	Aviocom Aero Ltd	7435 Chester Ave. Que, Montreal 29	HU9-4978
For	Doedijns' Ind. & Handels. N.V.	Konninginnegracht 92, Den Haag, Nederland	635916
For	Societe Champion	87 Ave. Niel, Paris 17, Fr	WA 63-7?
For	C J Fox & Sons (Aviation) Ltd	117 Victoria St. London S W 1, Eng	VIO-204/5
	KAY-TOWNES ANTENNA CO	**1511 Dean Ave. Rome, Ga**	**234-2631**
	J Townes #2 *50 D 45-385-895		
Ala	C Bailiff Sales Co	1509 Shades Crest Rd. Birmingham	TR1-8152
Ark	C Bailiff Sales Co	1509 Shades Crest Rd. Birmingham, Ala	
Fla	C Bailiff Sales Co	1509 Shades Crest Rd. Birmingham, Ala	
Ga	C Bailiff Sales Co	1509 Shades Crest Rd. Birmingham, Ala	
Ky	C Bailiff Sales Co	1509 Shades Crest Rd. Birmingham, Ala	
La	C Bailiff Sales Co	1509 Shades Crest Rd. Birmingham, Ala	
Miss	C Bailiff Sales Co	1509 Shades Crest Rd. Birmingham, Ala	
NC	C Bailiff Sales Co	1509 Shades Crest Rd. Birmingham, Ala	
Okla	Tom Spivey-Cole Co	7547 Wilmerdam, Houston 17, Tex	MI9-1221
SC	C Bailiff Sales Co	1509 Shades Crest Rd. Birmingham, Ala	
Tenn	C Bailiff Sales Co	1509 Shades Crest Rd. Birmingham, Ala	
Tex	Spivey-Cole Co	7547 Wilmerdam, Houston 17	
•	**KEARFOTT DIV GENERAL PRECISION INC**	**Little Falls, NJ**	**CL6-4000**
	W Watson #2,500 *6,700 G 20-35-105-145-255-275-338-360-365-385-470-565-755-775-780-895-915-1085-1125-1135-1145-1150-1160-1165-1300-1420-1445-1455-1470-1550-1555-1695-1850-1855-1920		
Ariz	Kearfott	30 Pima Pl. Scottsdale	
Ark	Kearfott	23 W. Calendar Ave, La Grange, Ill	
Cal	Kearfott	7440 Girard Ave, La Jolla, Cal	
Cal	Kearfott	391 Commercial St. Palo Alto, Cal	
Cal	Kearfott	1940 S Figueroa St. Los Angeles	
Colo	Kearfott	23 W. Calendar Ave, La Grange, Ill	
DC	Kearfott	777-14th St, N.W. Washington, DC	
Fla	Kearfott	1620 Chinook Trail, Maitland	
Haw	Kearfott	1940 S Figueroa St. Los Angeles, Cal	
Idaho	Kearfott	3466 E. Marginal Way, Seattle, Wash	
Ill	Kearfott	23 W. Calendar Ave, La Grange, Ill	
Ind	Kearfott	23 W. Calendar Ave, La Grange, Ill	
Iowa	Kearfott	23 W. Calendar Ave, La Grange, Ill	
Kan	Kearfott	23 W. Calendar Ave, La Grange, Ill	
Ma	Kearfott	336 Main St, Cambridge, Mass	
Mass	Kearfott	336 Main St, Cambridge, Mass	
Mich	Kearfott	23 W. Calendar Ave, La Grange, Ill	
Minn	Kearfott	23 W. Calendar Ave, La Grange, Ill	
Mo	Kearfott	23 W. Calendar Ave, La Grange, Ill	
Mont	Kearfott	3466 E. Marginal Way, Seattle, Wash	
Neb	Kearfott	23 W. Calendar Ave, La Grange, Ill	
Nev	Kearfott	3466 E. Marginal Way, Seattle, Wash	
NH	Kearfott	336 Main St, Cambridge, Mass	
NM	Kearfott	30 Pima Pl, Scottsdale, Ariz	
ND	Kearfott	3466 E. Marginal Way, Seattle, Wash	
Okla	Kearfott	23 W. Calendar Ave, La Grange, Ill	
Ore	Kearfott	3466 E. Marginal Way, Seattle	
RI	Kearfott	336 Main St, Cambridge, Mass	
SD	Kearfott	3466 E. Marginal Way, Seattle, Wash	
Tex	Kearfott	6211 Denton Dr, Dallas, Tex	
Utah	Kearfott	4231 N. 31st St, Phoenix, Ariz	
Vt	Kearfott	336 Main St, Cambridge, Mass	
Wash	Kearfott	3466 E. Marginal Way, Seattle, Wash	
Wisc	Kearfott	23 W. Calendar Ave, La Grange, Ill	
Wyo	Kearfott	3466 E. Marginal Way, Seattle, Wash	
	KEARFOTT DIV OF GENERAL PRECISION INC MICROWAVE PRODUCTS	**14844 Oxnard St, Van Nuys, Cal**	**ST6-1760**
	J Becker #20 *200 E 50-650-655-670-775-845-895-900-1135-1145-1170-1395-1610-1735		
Ala	R M Branson & Associates Inc	7440 Girard Ave, LaJolla, Cal	GL4-0754
Ariz	Carter Associates	217 S. Hinton Rd, Scottsdale, Ariz	WH5-3611
Ariz	Kearfott Div	30 Pima Plaza, Scottsdale, Ariz	WH6-4341
Cal	Kearfott Div	391 Commercial St, Palo Alto, Cal	DA6-3[illegible]
Cal	Kearfott Div	1940 S Figueroa St. LA	RI9-1311
Fla	Kearfott Div	1620 Chinook Trail, Maitland	MI7-2910
Ill	Kearfott Div	23 W. Calendar Ave, LaGrange, Ill	FL2-[illegible]
NJ	Kearfott Div	1378 Main Ave, Clifton, NJ	GR2-1000
Ohio	Kearfott Div	333 W. First St, Dayton, Ohio	BA4-7214
Tex	Kearfott Div	6211 Denton Dr, Dallas, Tex	FL2-5747
Wash	Kearfott Div	3466 E. Marginal Way, Seattle, Wash	MU2-93[illegible]
	KEDMAN CO	**233 S. 5th West, Salt Lake City 1, Utah**	**EM3-8869**
	G Edwards *30 C 1825		
	KEES MFG CO., F D	**702 Park St, Beatrice, Neb**	**CA3-2391**
	G Schaefer *50 180-260-1305		
	KEIL ENGRG PRODUCTS INC	**6833 Manchester Ave, St. Louis 10, Mo**	**ST1-3209**
	J Keil #2 *18 C 265-975-1190-1295-1530		
Ark	W R Retzloff	Box 1766, San Antonio 6, Tex	LE3-7939
Cal	Charles Hansen	1406 S. Grand Ave, Los Angeles 15, Cal	RI8-6191
Del	R H Sunday	15 Potter St. Haddonfield, NJ	HA9-4013
Ill	N V Kathrinus & Co	4356 Duncan Ave. St. Louis 10, Mo	OL2-7005
Ind	Thomas-Sukup Inc	2950 E 54th St. Indpls	CL1-4574
Iowa	N W Kathrinus & Co	4356 Duncan Ave. St. Louis 10, Mo	OL2-7005
Kan	N W Kathrinus & Co	4306 Cambridge Ave. KC 3	JO2-41[illegible]
Ky	Thomas-Sukup Inc	2950 E 54 St. Indpls, Ind	CL1-4574
La	W R Retzloff	Box 1766, San Antonio 6, Tex	LE3-7939
Mo	N W Kathrinus & Co	4356 Duncan Ave. St. Louis 10	OL2-7005
Mo	Norman W Kathrinus & Co	1409 Southwest Blvd, Kansas City 3, Mo	JO2-4[illegible]
Neb	N W Kathrinus & Co	4356 Duncan Ave. St. Louis 10, Mo	OL2-7005
Nev	C Hansen	1406 S Grand Ave. LA 15, Cal	RI8-6191
NJ	R H Sunday	15 Potter St. Haddonfield	HA9-4013
Okla	W R Retzloff Co	Box 1766, San Antonio 6, Tex	LE3-7939
Pa	R H Sunday	15 Potter St. Haddonfield, NJ	HA9-4013
Tex	W R Retzloff Co	Box 1766, San Antonio 6	LE3-7939
Va	R H Sunday	15 Potter St. Haddonfield, NJ	HA9-4013
W Va	G O Tanner	720 Gypsy Ln, Pittsgh 34, Pa	FI1-5263
	KEISERS INDUSTRIES INC	**Lemon St. Mt Holly Springs, Pa**	**HU6-5790**
	S Wood *15 A 185-795		
	KEITHLEY INSTRUMENTS INC	**12415 Euclid Ave, Cleveland 6, Ohio**	**SW5-2666**
	J Gibson #10 *85 E 195-338-895-1135-1360-1460		
Cal	T Louis Snitzer Co	5354 W. Pico Blvd, Los Angeles 1, Cal	WE8-2073
Cal	T Louis Snitzer Co	510 S. Mathilda Ave, San Francisco, Cal	RE6-6733
Cal	T Louis Snitzer Co	7814 Ivanhoe, LaJolla, San Diego, Cal	GL4-2191
Colo	Hytronic Measurements Inc	1295 Bannock St, Denver, Colo	PE3-3701
DC	Keithley Instruments Inc	5017 Baltimore Ave, Riverdale, Md	AP7-5111
Idaho	Rush Drake Associates	P.O. Box 2126, Idaho Falls, Idaho	JA2-7992
Ill	Lang, Clawson & Assoc	6733 N Olmsted St, Chicago	SP4-3610
Iowa	Eng Services Co	1335 Oakland Gardens, Cedar Rapids	EM5-6183
Kan	Eng Services Co	247 S. Pinecrest, Wichita	MU3-3751
Mass	Keithley Instruments Inc	30 Hawthorn Rd, Bedford, Boston, Mass	CR4-7297
Minn	Pinkney & Hine Co	1525 Nicollet Ave, Minneapolis, Minn	FE8-0523
Mo	Eng Services Co	6717 Vernon St. St. Louis	PA6-2233
Mo	Engineering Services Co	4550 Main St, Kansas City, Mo	JE1-7765
NM	Hytronic Measurements Inc	211 Sierra, S.E., Albuquerque, NM	AL5-0669
NY	Keithley Instruments Inc	520 Oak St. Syracuse	GR4-8351
NY	Keithley Instruments Inc	2 Godwin Ave, Ridgewood, NJ	GI4-7242
Tex	T W Eckland	P.O. Box 12151, Ft. Worth, Tex	PE8-9773
Utah	Hytronic Measurements Inc	2022 S. Main St, Salt Lake City, Utah	IN6-4924
Wash	Rush Drake Associates	1817 Norman St, Seattle, Wash	EA3-8545
	KELK LTD., GEORGE	**5 Lesmill Rd. Don Mills, Ont. Can**	**HI7-5151**
	H Perkes #4 *18 B 365-895-1405-1455		
•	**KELLER JR, HUGO JEWELS**	**50 E. 42 St, New York 17, NY**	**MU2-8450**
	R Wolff #1 *8 D 75-805-930-1195-1385-1510		
Cal	John Madonne	210 Trinity Ave, Berkeley 8	LA4-5730
Cal	A S Burroughs	Box 4041, Inglewood 3	PL3-1617
Ill	A C Agazim	4463 W. Lawrence, Chicago	KI5-2131
Mich	A C Agazim	4463 W. Lawrence, Chicago, Ill	KI5-2131
Minn	S K B Co., The	2810 22nd Ave. S. Mpls	PA2-1226
NJ	Smith Co., The	16 N. Field Ave. W. Orange	RE1-8020
Wis	A C Agazim	4463 W. Lawrence Ave. Chicago, Ill	KI5-2131
	KELLER PRODUCTS INC	**41 Union St. Manchester, NH**	**NA7-7887**
	J Croate 1290		
	KELLOGG SWITCHBOARD & SUPPLY CO	**6650 S. Cicero Ave, Chicago 38, Ill**	**PO7-6900**
	325-338-360-375-805-895-910-920-925-1135-1425-1450-1470-1735-1765		
Cal	Kellogg Switch & Supply Co	23 Broderick Rd, Burlingame, Cal	OX7-5[illegible]
Ga	Kellogg Switch & Supply Co	1194 Southland Circle, Atlanta 18, Ga	SY4-2441
Ill	Kellogg Switch & Supply Co	4650 S. Troy Ave, Chicago 32, Ill	CL4-4300
Kan	Kellogg Switch & Supply Co	7th Sunshine Rd, Kansas City 15, Kan	MA1-4418
NY	Kellogg Switch & Supply Co	327 N. West St, Syracuse 4, NY	HA2-9251
Tex	Kellogg Switch & Supply Co	1355 Motor St, Dallas 7, Tex	RI7-5191
	KELVIN ELECTRIC CO	**5907 Noble Ave, Van Nuys, Cal**	**ST2-6662**
	K Eckardt #3 *100 E 1475		
Ala	E C Raymond & Assoc	Madeira Beach, St. Petersburg, Fla	WA1-9735
Cal	Deore Electronics Inc	1515 Laurel St, San Carlos	LY1-4423
Colo	T R Van Wagoner Co	1415 S Main St, Salt Lake City, Utah	HU6-7251
Conn	C Segel Co	1282 Commonwealth Ave. Boston, Mass	
Del	J A Mount & Co	Nat'l Press Bldg, Washington, DC	DI7-1349
DC	J A Mount & Co	Nat'l Press Bldg, Washington	DI7-1349
Fla	E C Raymond & Assoc	Madeira Beach, St. Petersburg	WA1-9735
Ga	E C Raymond & Assoc	Madeira Beach, St. Petersburg, Fla	WA1-9735
Ill	Burt Anderson & Associates	5414 W. Higgins Ave, Chicago, Ill	SP4-4174
Ill	B Anderson & Assoc	5414 W Higgins Ave, Chicago	SP4-4174
Ind	B Anderson & Assoc	5414 W Higgins Ave. Chicago, Ill	SP4-4174
Mass	C Segel Co	1282 Commonwealth Ave, Boston	
NY	Kelvin Sales Co	916 McLean Ave, Yonkers	BE7-2[illegible]
Pa	R F Clark Co	Clark Bldg, Pittsgh	
Utah	T R Van Wagoner Co	1415 S Main St, Salt Lake City	HU6-7251
Wash	N Sarchin Co	Boyd Bldg, Mercer Island	AD2-5950
Can	Conway Electronic Enterprises	1514 Eglinton Ave, W Toronto 10	RU3-6576
Canada	Conway Electron Enterprises	1514 Eglinton Ave W., Toronto, Ont	RU3-6576
	KEMLITE LABORATORIES INC	**1819 W.Grand Ave, Chicago 22, Ill**	**TA9-6250**
	J Daniels #7 *73 D 35-895-990-1260-1880		
	KEMTRON ELECTRON PRODUCTS INC	**5 Prince Pl, Newburyport, Mass**	**HO2-4464**
	A Dugan #12 *120 D 500-1445		
Ariz	Marshank Sales Co	7422 Melrose Ave. LA, Cal	WE8-2591
Cal	Marshank Sales Co	7422 Melrose Ave. LA	WE8-2591
Conn	S Cohen	30 Huntington St. Boston, Mass	KE6-8581
Fla	Johnson Assoc	Box 1676, Casselberry	TE8-2111
Kan	Fuxman Eng	8160 Stanford Ave, St. Louis, Mo	PA5-5219
Me	S Cohen	30 Huntington St. Boston, Mass	KE6-8581
Md	Kaygan Assoc	Box 98, Haddonfield, NJ	HA8-1242
Mass	S Cohen	30 Huntington St. Boston	KE6-8581
NH	S Cohen	30 Huntington St. Boston, Mass	KE6-8581
NJ	Ellis-Hebel Corp	11 Northern Blvd, Great Neck, NY	HU7-5145
NY	Viner Assoc	177 White Plains Rd, Tarrytown	ME1-2578
Pa	Kaygan Assoc	Box 98, Haddonfield, NJ	HA8-1242
RI	S Cohen	30 Huntington St. Boston, Mass	KE6-8581
Vt	S Cohen	30 Huntington St. Boston, Mass	KE6-8581
For	Minthorne Intl	15 Moore St. NY 4, NY	BO9-6262
	KENCO MFG CO	**5211 Telegraph Rd, L A 2, Cal**	**AN8-1201**
	1075		
	KENN EQUIPMENT	**16-18 S. Marshall St. Phila. 6, Pa**	**WA5-7878**
	F Kline *5 1075		
	KENNAMETAL INC	**Lloyd Ave, Latrobe, Pa**	**KE7-3311**
	1125-1825-1960		
Ala	Abrasive & Tooling Specialists, Inc	4245 Morris Ave, Birmingham 12, Ala	LY2-4381
Ariz	Kennametal Inc	4585 Pacific Blvd, Los Angeles 58, Cal	LU3-2191
Ark	Engineering Sales Co	118 Parkhouse, Dallas 7, Tex	RI8-9015
Cal	Kennametal Inc	4585 Pacific Blvd, Los Angeles 58, Cal	LU3-2191
Cal	Kennametal Inc	4016 19th Ave, San Francisco 27, Cal	DE3-9704
Colo	Richard P. Carr	P.O. Box 8025, Denver, Colo	AC2-8004
Conn	Kennametal Inc	523 Half Way Hse Rd, Windsor Locks, Conn	NA3-3369
Del	Kennametal Inc	1349 W. Cheltenham Ave. Phila 26, Pa	CA4-0788
DC	Kennametal Inc	1349 W. Cheltenham Ave. Phila 26, Pa	CA4-0788
Fla	Frank E Price	243 SE 9th St, Pompano Beach	WE3-7951
Ga	Abrasive & Tooling Specialists, Inc	4245 Morris Ave, Birmingham 12, Ala	LY2-4381
Hawaii	Chapman Bros. Ltd	963 Halekauwila St, Honolulu 13 Hawaii	57-[illegible]
Idah	Lindsay Bros	2400 NW Vaughn St. Portland 10, Ore	CA7-2619
Ill	Kennametal Inc	5000 W. 26th St, Chicago 50, Ill	BI2-2420
Ill	Edison P. Weiland	6976 Chippewa St, St. Louis 9, Mo	FL1-1612
Ind	Kennametal Inc	5000 W. 26th St, Chicago 50, Ill	BI2-2420
Ind	Kennametal Inc	3400 N. Meridian St, Indianapolis 8, Ind	WA5-6427
Iowa	Kennametal Inc	3400 N. Meridian St, Indianapolis 8, Ind	WA5-6427
Iowa	Kennametal Inc	744 N. 4th St, Milwaukee 3, Wis	BR6-6768
Kan	Robert W. Hoffman	P.O. Box 1081, Kansas City 41, Mo	VA1-7134
Ky	Kennametal Inc	7620 Reinhold Dr, Cincinnati 37, Ohio	PO1-1407
Ky	Edison P. Weiland	6976 Chippewa St, St. Louis 9, Mo	FL1-1612
La	Dixie Mill Supply Co	901-909 Tchoupitoulas St, New Orlns	RA-6181
Me	Kennametal Inc	523 Half Way Hse Rd, Windsor Locks, Conn	NA3-3369
Md	Kennametal Inc	1349 W. Cheltenham Ave. Phila 26, Pa	CA4-0788
Mass	Kennametal Inc	523 Half Way Hse Rd, Windsor Locks, Conn	NA3-3369
Mich	Kennametal Inc	10201 Capitol Ave, Detroit 37, Mich	JO6-3183
Mich	Kennametal Inc	744 N. 4th St, Milwaukee 3, Wis	BR6-6768
Minn	Earl C. Beckman	6733 Humboldt Ave, S., Mpls 23, Minn	UN9-0002
Miss	Abrasive & Tooling Specialists, Inc	4245 Morris Ave, Birmingham 12, Ala	LY2-4381
Mo	Robert S. Hoffman	P.O. Box 1081, Kansas City 41, Mo	VA1-7134
Mo	Edison P. Weiland	6976 Chippewa St, St. Louis 9, Mo	FL1-1612
Mont	Lindsay Bros	2400 NW Vaughn St. Portland 10, Ore	CA7-2619
Mont	Capitol City Steel Co	324 W. 8th S., Salt Lake City, Utah	DA2-3533
Neb	Robert W. Hoffman	P.O. Box 1081, Kansas City 41, Mo	VA1-7134
Nev	Kennametal Inc	4585 Pacific Blvd, Los Angeles 58, Cal	LU3-2191
Nev	Capitol City Steel Co	324 W. 8th S., Salt Lake City, Utah	DA2-3533
NH	Kennametal Inc	523 Half Way Hse Rd, Windsor Locks Conn	NA3-3369
NJ	Kennametal Inc	1349 W. Cheltenham Ave. Phila 26, Pa	CA4-0788
NM	Richard P. Carr	P.O. Box 8025, Denver, Colo	AC2-8004
NY	Charles D Smith	31 Moeller St. Buffalo 11	TX3-6951
NY	Leonard R. Arnold	125 S. Warren St, Syracuse 2, NY	GR1-1221
NC	Richard B. Rowe	5422 Wintercrest Ln, Charlotte, NC	FR6-6132
ND	Earl C. Beckman	6733 Humboldt Ave, S., Mpls 23, Minn	UN9-0002
Ohio	Kennametal Inc	7620 Reinhold Dr, Cincinnati 37, Ohio	PO1-1407
Ohio	Kennametal Inc	4610 Beidler Rd, Willoughby, Ohio	WH2-9900
Ohio	Kennametal Inc	10201 Capitol Ave, Detroit 37, Mich	JO6-3183
Okla	Kennametal Inc	726 W. Grand, Oklahoma City 1	CE9-2541
Ore	Lindsay Bros	2400 NW Vaughn St. Portland 10	CA7-2619
Pa	Kennametal Inc	1349 W. Cheltenham Ave. Phila 26	CA4-0788
Pa	Kennametal Inc	800 Grant St, Room 802, Pittsburgh, Pa	AT1-4543
RI	Kennametal Inc	523 Half Way Hse Rd, Windsor Locks, Conn	NA3-3369
SC	Richard B. Rowe	5422 Wintercrest Ln, Charlotte, NC	FR6-6132
SD	Earl C. Beckman	6733 Humboldt Ave, S., Mpls 23, Minn	UN9-0002
Tenn	Edison P. Weiland	6976 Chippewa St, St. Louis 9, Mo	FL1-1612
Tex	Engineering Sales Co	5949 Armour Dr, Houston, Tex	WA6-8858
Tex	Engineering Sales Co	118 Parkhouse, Dallas 7, Tex	RI8-9015
Utah	Capitol City Steel Co	324 W. 8th S., Salt Lake City, Utah	DA2-3533
Vt	Kennametal Inc	523 Half Way Hse Rd, Windsor Locks, Conn	NA3-3369
Va	Kennametal Inc	1349 W. Cheltenham Ave. Phila 26, Pa	CA4-0788
Wash	Campbell Industrial Supply Co	3431 Airport Way & Spokane St, Seattle 4	MA2-5567
W. Va	Kennametal Inc	800 Grant St, Rm 802, Pittsburgh 19, Pa	AT1-4543
W. Va	Kennametal Inc	7620 Reinhold Dr, Cincinnati 37, Ohio	PO1-1407
Wisc	Kennametal Inc	744 N. 4th St, Milwaukee 3, Wis	BR6-6768
Wyo	Richard P. Carr	P.O. Box 8025, Denver, Colo	AC2-8004
Wyo	Capitol City Steel Co	324 W. 8th S., Salt Lake City, Utah	DA2-3533
Foreign	Kennametal Overseas Corp	P.O. Box 481, Latrobe, Pa	KE7-3311
	KENNEDY CO	**2029 N Lake Ave. Altadena, Cal**	**MU1-0028**
	D Kennedy #12 *5 A 895		
Ariz	W G Henschen Co	4438 E Marion Way, Phoenix 18	
Cal	A-F Sales Eng Co	94 S Los Robles, Pasadena	MU1-5671
	KENNEDY & CO., D S	**Cohasset, Mass**	**EV3-1200**
	L Copeland #43 *470 F 45-325-425-1135-1395		
Ala	Anchor Metals Inc (Sub)	Anniston	
Cal	Electronic Specialty Co	LA	
Iowa	Anchor Metals Inc (Sub)	Ft. Madison	
Tex	Anchor Metals Inc (Sub)	Hurst	
For	Conelit	Milano, Italy	
	KENT CORP., F C	**135 Manchester Pl, Newark 4, NJ**	**PL9-0200**
	1135		
Cal	Manufacturing Assoc	1416 Westwood Blvd, Los Angeles 24	
Conn	John F Whitehead Co	Guilford, Conn	
Mich	H T G Engineering Sales	22575 Wildwood Trail, Farmington, Mich	GL4-8800
Pa	Baron Associates	Presidential A-710, Philadelphia 31, Pa	TR7-4605
	KEN-TRON CORP	**396 Lynnway, Lynn, Mass**	**LY8-4750**
	25-345-1135-1245-1315		
Ala	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	
Ariz	M W Riedel & Co	316 N. Valley Rd, Alhambra, Cal	CU3-7694
Ark	Tom Spivey Co	7547 Wilmerdam, Houston, Tex	
Cal	Logan Sales Co	180 8th St, San Francisco, Cal	HE1-8692
Conn	R W Gray Inc	47 Belcrest St, Watertown, Conn	
Del	Stuart Warren Mount	1011 National Press Bldg, Washington, DC	
DC	Stuart Warren Mount	1011 National Press Bldg, Washington, DC	
Fla	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ga	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	
Ill	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	
Ind	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	
Iowa	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	
Kan	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	
La	Tom Spivey Co	7547 Wilmerdean, Houston, Tex	
Me	R W Gray Inc	572 Washington St, Wellesley, Mass	
Md	Stuart Warner Mount	1013 National Press Bldg, Washington, DC	
Mass	R W Gray Inc	572 Washington St, Wellesley, Mass	
Miss	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	
Mo	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	
Neb	Ellinger Sales Corp	6540 Northwest Hwy, Chicago, Ill	
NH	R W Gray Inc	572 Washington St, Wellesley, Mass	
NY	Manney Sales Co	129 Merchants Rd, Rochester 8, NY	
Okla	Tom Spivey Co	7547 Wilmerdean, Houston, Tex	
RI	R W Gray Inc	572 Washington St, Wellesley, Mass	
Tenn	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	
Tex	Tom Spivey Co	7547 Wilmerdean, Houston, Tex	
Utah	W W Russell & Co	316 E. Valley Blvd, Alhambra, Cal	
Vt	R W Gray Inc	572 Washington St, Wellesley, Mass	
Va	Stuart Warner Mount	1013 National Press Bldg, Washington, DC	
Wisc	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	
Canada	Ber Mario Associates	5517 Princess Wales Ave, Mont 29, Que, Can	
•	**KENTUCKY ELECTRONICS INC**	**2208 W 2nd St, Owensboro, Ky**	**MU4-6201**
	V Miller #1 *25 C 240-1125-1875-1905-1980		
Ariz	Thomas Williams	35 Prima Plaza, Scottsdale	WH6-5521
Mo	Sam D Wood	174 Elmdale Ct, Florissant	OL2-7939
Can	L W Price	185 Poplar Plains Rd, Toronto, Ont	WA1-9840
	KENWOOD ENGINEERING CO., INC	**265 Colfax Ave, Kenilworth, NJ**	**CH5-0100**
	J Kiely #2 *12 B 45-140-1170		
Ala	Earl K Moore Co	5864 Louisville St, New Orleans, La	
Conn	Paul W Nief Associates	15 Oak St, Westport, Conn	CA7-3834
Del	J F Anderson Co	300 Belle View Blvd, Alexandria, Va	
DC	J F Anderson Co	300 Belle View Blvd, Alexandria, Va	
Fla	Earl K Moore Co	5864 Louisville St, New Orleans, La	
Hawaii	Gene Piety Factors Inc	3030 Hano Rule St, Honolulu, Hawaii	
Idaho	Walter N Alfonso Co	8515 N.E. Prescott St, Portland, Ore	TR3636
Ill	Samuel J Wiley Co	2060 N. Birchwood Ave, Chicago, Ill	UP8-3313
La	Earl K Moore Co	5864 Louisville St, New Orleans, La	
Me	Paul W Nief Associates	15 Oak St, Westport, Conn	CA7-3834
Md	J F Anderson Co	300 Belle View Blvd, Alexandria, Va	
Mass	Paul W Nief Associates	15 Oak St, W. Port, Conn	CA7-3834
Miss	Earl K Moore Co	5864 Louisville St, New Orleans, La	
Mont	Walter N Alfonso Co	8515 N.E. Prescott St, Portland, Oregon	TR3636
NH	Paul W Nief Associates	15 Oak St, Westport, Conn	CA7-3834
NJ	J F Anderson Co	300 Belle View Blvd, Alexandria, Va	
NJ	Kubrick & Yuman	475 S. Franklin St, Hempstead, NJ	IV3-7230
NY	Art Hess Associates	6309 68th Ave, Glendale, NY	HY7-7498
NY	Kubrick & Yuman	475 S. Franklin St, Hempstead, NY	IV3-7230
Ohio	Robert W Peters Co	350 E. 215th St, Cleveland, Ohio	RE1-9428
Ore	Walter N Alfonso Co	8515 N.E. Prescott St, Portland, Oregon	TR3636
Pa	Robert W Peters Co	350 E. 215th St, Cleve, Ohio	RE1-9428
Pa	E L Park	651 Paddock Rd, Southampton, Pa	
RI	Paul W Nief Associates	15 Oak St, Westport, Conn	CA7-3834
Vt	Paul W Nief Associates	15 Oak St, Westport, Conn	CA7-3834
Va	J F Anderson Co	300 Belle View Blvd, Alexandria, Va	
Wash	Walter N Alfonso Co	8515 N.E. Prescott St, Portland, Oregon	TR3636
W Va	Robert W Peters Co	350 E. 215th St, Cleveland, Ohio	RE1-9428
Wisc	Samuel J Wiley Co	2060 N. Birchwood Ave, Chicago, Ill	UP8-3313
	KENYON TRANSFORMER CO., INC	**1057 Summit Ave, Jersey City 7, NJ**	**OL6-1100**
	T Park #6 *70 D 320-365-895-915-1455-1855		
Ala	J E Joyner & Associates	P.O. Box 10821, Sta A, Atlanta 10, Ga	PL5-4336
Conn	General Measurements Co Inc	1108 Beacon St, Newton Highlands 61, Mass	WO9-9150
DC	A Schwartz	15 Exchange Pl, Jersey City, NJ	DE3-2424
Fla	J E Joyner & Associates	P.O. Box 10821, Sta A, Atlanta 10, Ga	PL5-4336
Ga	J E Joyner & Associates	P.O. Box 10821, Sta A, Atlanta 10, Ga	PL5-4336
Me	General Measurements Co Inc	1108 Beacon St, Newton Highlands 61, Mass	WO9-9150
Md	Adolph Schwartz	15 Exchange Pl, Jersey City, NJ	DE3-2424
Mass	General Measurements Co Inc	1108 Beacon St, Newton Highlands 61	WO9-9150
Miss	J E Joyner & Associates	P.O. Box 10821, Sta A, Atlanta 10, Ga	PL5-4336
NH	General Measurements Co Inc	1108 Beacon St, Newton Highlands 61, Mass	WO9-9150
NJ	Adolph Schwartz	15 Exchange Pl, Jersey City, NJ	DE3-2424
NY	Adolph Schwartz	15 Exchange Pl, Jersey City, NJ	DE3-2424
Ohio	G & H Sales Co	P.O. Box 436, Cincinnati 37, Ohio	
Pa	Adolph Schwartz	15 Exchange Pl, Jersey City, NJ	DE3-2424
RI	General Measurements Co, Inc	1108 Beacon St, Newton Highlands 61, Mass	WO9-9150
SC	J E Joyner & Associates	P.O. Box 10821, Sta A, Atlanta 10, Ga	PL5-4336
Tenn	J E Joyner & Associates	P.O. Box 10821, Sta A, Atlanta 10, Ga	PL5-4336
Vt	General Measurements Co, Inc	1108 Beacon St, Newton Highlands 61, Mass	WO9-9150
Va	Adolph Schwartz	15 Exchange Pl, Jersey City, NJ	DE3-2424
Foreign	M Simons & Son Co., Inc	23-25 Warren St, New York 17, NY	BA7-6513
•	**KEPCO INC**	**131-38 Sanford Ave, Flushing 55, NY**	**IN1-7000**
	M Kupferberg 338-895-1135-1340-1455		
Ala	S S Lee Assoc Inc	Utilities Bldg, Huntsville, Ala	JE6-3631
Cal	V T Rupp Co	3445 Fifth Ave, San Diego, Cal	CY8-3635
Cal	V T Rupp Co	1182 Los Altos Ave, Los Altos, Cal	WH8-1483
Cal	V T Rupp Co	307 Parkman Ave, Los Angeles, Cal	DU7-8224
Conn	Ray Perron & Co., Inc	38 Lewis St, Trumbull, Conn	AM8-3631
Fla	S S Lee Assoc Inc	Box 7896, Orlando, Fla	CH1-4445
Ill	Robert L Lang & Associates	5733 N. Olmstead Ave, Chicago, Ill	SP4-3610
Kan	Norman W Kathmus & Co	4306 Cambridge Ave, Kansas City, Kan	JO2-4108
Md	S S Lee Assoc Inc	2521 Ennalls Ave, Wheaton, Md	LO5-3066
Mass	Perron & Co., Inc	1875 Centre St, Boston, Mass	FA3-1008
Mich	Gaine Engineering	1474 E. Outer Dr, Detroit, Mich	FO6-5353
Mo	Norman W Kathmus & Co	4256 Duncan Ave, St. Louis, Mo	OL2-7005
NM	V T Rupp Co	1437 San Mateo, NE, Albuquerque	AL6-0793
NY	Naco Electronics, Corp	119 Luther Ave, Liverpool, NY	GR4-7481
NC	S S Lee Associates Inc	P.O. Box 906, Winston Salem, NC	ST4-0411
Ohio	The Satullo Co	15801 Euclid Ave, Cleveland	IV6-2800
Ohio	The Satullo Co	785 W Ohio Pike, Cincinnati	PL7-6663
Ohio	The Satullo Co	4514 N Woodward Ave, Royal Oak, Mich	LI9-3815
Okla	Arnold Barnes Co	P.O. Box 5417, Tulsa, Okla	TE5-9252
Pa	Eastern Instrumentation Inc	613 Cheltenham Ave, Philadelphia	WA7-6200
Pa	The Satullo Co	982 Perry Hwy, Pittsburgh	WE1-5200

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Tex	Arnold Barnes Co	3503 Lemmon Ave, Dallas, Tex	LA6-1735
Va	S S Lee Assoc Inc	71 Pennsylvania Ave, Towson, Md	VA3-3434
Wash	Harry Levinson Co	121 E Denny Way, Seattle 1	EA3-5100
Can	Ward Leonard of Can, Ltd	1071 Birchmount Rd, Toronto, Ont	PL7-4131
	KERRCO INC	**Box 4178, Havelock Sta. Lincoln 7, Neb**	**IN6-5105**
	R Kerr #3 *30-40 C 180-585-590-895-960-1245-1290-1295		
Cal	Arthur L Bolton Co	Box 844, 1060 Evelyn St, Menlo Park	
Colo	Landes, Zachary & Peterson Co	601 S Jason St, Denver 23	
Cal	Ned C Crawford	746 Arcadia Terrace, San Diego 6, Cal	
Conn	Arthur E Akeroyd Co	2311 John Hancock Bldg, Boston, Mass	
Fla	Hooker Reid Co	Box 11754, Atlanta 5, Ga	
Ga	Hooker Reid Co	Box 11754, Atlanta 5, Ga	
Ill	Harry D De Lion Co	1907 Seventh Ave, Moline, Ill	
Ill	Gordon Fireman Eng Co	8160 Stanford Ave, St. Louis 24, Mo	
Ill	Henry Halerton	6420 N Leoti Ave, Chicago 46, Ill	
Ind	Joe Murphy	202 Penn Rd, Indianapolis 20, Ind	
Iowa	Harry D De Lion Co	1907 Seventh Ave, Moline, Ill	
Kan	Don H Smith Co	6415 E Kellogg, Wichita, Kan	
La	J Earl Smith Co	Box 35331, Airlawn Sta, Dallas 35, Tex	
Me	Arthur E Akeroyd Co	2311 John Hancock Bldg, Boston, Mass	
Mass	Arthur E Akeroyd Co	2311 John Hancock Bldg, Boston, Mass	
Mich	Grant Shaffer Co	14241 Fenkell Ave, Detroit 27, Mich	
Minn	D A Schultz Co	801 SE 8th St, Minneapolis 14, Minn	
Mo	Gordon Fireman Eng Co	8160 Stanford Ave, St. Louis 24, Mo	
NH	Arthur E Akeroyd Co	2311 John Hancock Bldg, Boston, Mass	
NJ	George A Shelton	1835 Spruce, Philadelphia 3, Pa	
NC	Hooker Reid Co	Box 11754, Atlanta 5, Ga	
ND	D A Schultz Co	801 SE 8th St, Minneapolis 14, Minn	
Pa	George A Shelton	1835 Spruce, Philadelphia 3, Pa	
RI	Arthur E Akeroyd Co	2311 John Hancock Bldg, Boston, Mass	
SC	Hooker Reid Co	Box 11754, Atlanta 5, Ga	
SD	D A Schultz Co	801 SE 8th St, Minneapolis 14, Minn	
Tenn	Hooker Reid Co	Box 11754, Atlanta 5, Ga	
Tex	J Earl Smith Co	Box 35331, Airlawn Sta, Dallas 35, Tex	
Vt	Arthur E Akeroyd Co	2311 John Hancock Bldg, Boston, Mass	
Wisc	Sparks Co	995 E. Center St, Milwaukee 12, Wisc	
	KESTER SOLDER CO	**4201 Wrightwood Ave, Chicago 39, Ill**	**BE5-1601**
	J Humble *200 700-1635		
Ala	Gardner & Meredith	424 Georgia Ave, Chattanooga 3, Tenn	AM7-4971
Alas	Kester Solder Co	Box 186, Anaheim, Cal	TR1-0280
Ariz	Kester Solder Co	Box 186, Anaheim, Cal	TR1-0280
Ark	J F Martin	1603 Troost St, Tulsa 20, Okla	LU4-1166
Cal	Kester Solder Co	Box 186, Anaheim	TR1-0280
Colo	J D Church	1313 Fairfax, Denver	DE 3-2115
Conn	Emery B Hatch Co	43 Upham St, Melrose 76, Mass	ME4-0065
Del	G L Fischer Jr	1230 Knox Rd, Wynnewood, Pa	MI2-1118
DC	G L Fischer Jr	1230 Knox Rd, Wynnewood, Pa	MI2-1118
Fla	Gardner & Meredith	424 Georgia Ave, Chattanooga 3, Tenn	AM7-4971
Ga	Gardner & Meredith	424 Georgia Ave, Chattanooga 3, Tenn	AM7-4971
Haw	Kester Solder Co	Box 186, Anaheim, Cal	TR1-0280
Idaho	Kester Solder Co	Box 186, Anaheim, Cal	TR1-0280
Iowa	E J Geary	10301 E. 36th Terr, Independence, Mo	FL3-5140
Kan	E J Geary	10301 E. 36th Terr, Independence, Mo	FL3-5140
Ky	Gardner & Meredith	424 Georgia Ave, Chattanooga 3, Tenn	AM7-4971
La	Gardner & Meredith	424 Georgia Ave, Chattanooga 3, Tenn	AM7-4971
Me	Emery B Hatch Co	43 Upham St, Melrose 76, Mass	ME4-0065
Md	G L Fischer Jr	1230 Knox Rd, Wynnewood, Pa	MI2-1118
Mass	Emery B Hatch Co	43 Upham St, Melrose 76, Mass	ME4-0065
Minn	Wm K Nelson Co	807-13th Ave, S., Minneapolis 4, Minn	FE3-5001
Miss	Gardner & Meredith	424 Georgia Ave, Chattanooga 3, Tenn	AM7-4791
Mo	E J Geary	10301 E. 36th Terr, Independence, Mo	FL3-5140
Mont	Kester Solder Co	Box 186, Anaheim, Cal	TR1-0280
Neb	E J Geary	10301 E. 36th Terr, Independence, Mo	FL3-5140
Nev	Kester Solder Co	Box 186, Anaheim, Cal	TR1-0280
NH	Emery B Hatch Co	43 Upham St, Melrose 76, Mass	ME4-0065
NJ	Thomas Sellers	38 Ferguson St, Newark 5, NJ	MI2-0246
NM	Kester Solder Co	Box 186, Anaheim, Cal	TR1-0280
NY	E Garfield	38 Ferguson St, Newark 5, NJ	MI2-0246
NC	Gardner & Meredith	424 Georgia Ave, Chattanooga 3, Tenn	AM7-4971
ND	Wm K Nelson Co	807-13th Ave, S., Minneapolis 4, Minn	FE3-5001
Okla	J F Martin	1603 Troost St, Tulsa 20, Okla	LU4-1166
Ore	Kester Solder Co	Box 186, Anaheim, Cal	TR1-0280
Pa	G L Fischer Jr	1230 Knox Rd, Wynnewood, Pa	MI2-1118
RI	Emery B Hatch Co	43 Upham St, Melrose 76, Mass	ME4-0065
SC	Gardner & Meredith	424 Georgia Ave, Chattanooga 3, Tenn	AM7-4971
SD	Wm K Nelson Co	807-13th Ave, S., Minneapolis 4, Minn	FE3-5001
Tenn	Gardner & Meredith	424 Georgia Ave, Chattanooga 3, Tenn	AM7-4971
Tex	J F Martin	1603 Troost St, Tulsa 20, Okla	LU4-1166
Utah	Kester Solder Co	Box 186, Anaheim, Cal	TR1-0280
Vt	Emery B Hatch Co	43 Upham St, Melrose 76, Mass	ME4-0065
Va	Gardner & Meredith	424 Georgia Ave, Chattanooga 3, Tenn	AM7-4971
Wash	Kester Solder Co	Box 186, Anaheim, Cal	TR1-0280
W.Va	Gardner & Meredith	424 Georgia Ave, Chattanooga 3, Tenn	AM7-4971
Wyo	Kester Solder Co	Box 186, Anaheim, Cal	TR1-0280
	KETAY DEPT - NORDEN DIV UNITED AIRCRAFT CORP	• **Jericho Tnpk, Commack, NY**	**FO8-5500**
	J Hebron #75 *900 20-330-700-895-1165-1200-1330-1470-1475-1745		
Ala	Herbert H Gentry	1851 Oak Ln, Orlando, Fla	GA4-0730
Ark	B Sledzik	7845 Blackbird Ln, Dallas 18, Tex	FL2-8377
Cal	Norden Div United Aircraft Corp	10920 Wilshire Blvd, Los Angeles, Cal	BR2-6523
Conn	G S Bedworth	P O Box 68, Framingham Center, Mass	TR5-0323
DC	United Aircraft Corp	425-13th St, Washington, DC	ME8-6432
Fla	Herbert H Gentry	1851 Oak Ln, Orlando, Fla	GA4-0730
Ga	H H Gentry	1851 Oak Ln, Orlando, Fla	GA4-0730
Ill	John G Twist Co	5232 W Diversey St, Chicago 39	SP7-2250
Ind	John G Twist Co	5232 W Diversey St, Chicago 39	SP7-2250
La	B Sledzik	7845 Blackbird Ln, Dallas 18, Tex	FL2-8377
Me	G S Bedworth	P O Box 68, Framingham Center, Mass	TR5-0323
Mass	G S Bedworth	P O Box 68, Framingham Center	TR5-0323
Minn	Merrill Franklin Co	338 E Franklin, Minneapolis	FE6-2315
Miss	H H Gentry	1851 Oak Ln, Orlando, Fla	GA4-0730
NJ	G T Muldoon	P O 686, W Caldwell, NJ	CA6-0835
NC	G T Muldoon	P O Box 686, West Caldwell, NJ	CA6-0835
ND	Merrill Franklin Co	338 E. Franklin, Minneapolis, Minn	FE6-2315
Ohio	T Heiderling	11 W Monument, Dayton	BA8-4482

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Okla	B Sledzik	7845 Blackbird Ln, Dallas 18, Tex	FL2-8377
Ore	Richard Vander Meulen	19805 Merribrook Crt, Saratoga, Cal	CH8-5949
Pa	G T Muldoon	P.O. Box 686, W. Caldwell, NJ	CA6-0835
RI	G S Bedworth	P O Box 68, Framingham Center, Mass	TR5-0323
SC	H H Gentry	1851 Oak Ln, Orlando, Fla	GA4-0730
SD	Merrill Franklin Co	338 E. Franklin, Minneapolis, Minn	FE6-2315
Tenn	M J McDonald	2831 E Main St, Winston Salem, NC	PA3-3281
Tenn	J Emory Lane	3514 Flamingo Rd, Huntsville, Ala	JE6-5552
Tex	B Sledzik	7845 Blackbird Ln, Dallas	FL2-8377
Vt	G S Bedworth	P O Box 68, Framingham Center, Mass	TR5-0323
Va	G T Muldoon	P.O. Box 686, W. Caldwell, NJ	CA6-0835
Wash	Richard Vander Meulen	19805 Merribrook Ct, Saratoga, Cal	CH8-5949
W.Va	G T Muldoon	P.O. Box 686, W. Caldwell, NJ	CA6-0835
Wisc	John G Twist Co	5232 W. Diversey St, Chicago, Ill	SP7-2250
Canada	Pratt & Whitney Aircraft Co Ltd	Jacques Cartier, Quebec, Canada	OR4-4941
Foreign	United Aircraft Export Corp	3/5 Warwick House St, London S.W. 1, England	
	KEUFFEL & ESSER CO	**300 Adams St, Hoboken, NJ**	**OL9-1100**
	A Chapple #40 *2,225 G 360-1015		
Cal	Keuffel & Esser Co of NY	1327 S Olive St, Los Angeles, Cal	RI7-7501
Cal	Keuffel & Esser Co of NY	2575 Folsom St, San Francisco 10, Cal	AT2-4330
Colo	Keuffel & Esser Co of Colo, Inc	1641 California St, Denver, Colo	KE4-0129
Ill	Keuffel & Esser Co of NY	520 S Dearborn St, Chicago 5, Ill	WA7-7450
Mich	Keuffel & Esser Co of NY	5535 Woodward Ave, Detroit 2, Mich	
Mo	Keuffel & Esser Co of NY	4931 Duggett Ave, St Louis, Mo	PR3-8500
NY	Keuffel & Esser Co	15 Park Row, New York City, NY	DI9-2400
Pa	Keuffel & Esser of Pa, Inc	904 Chestnut St, Phila, Pa	WA3-2815
Tex	Keuffel & Esser of Texas, Inc	2211 Pacific Ave, Dallas 1, Texas	RI2-6084
Wash	Keuffel & Esser of Wash, Inc	2700 Second Ave, Seattle, Wash	MA3-5535
Wis	Keuffel & Esser Co of Wis, Inc	783 No Water St, Milwaukee 2, Wis	BR1-4800
Can	Keuffel & Esser of Can, Ltd	679 St James St W, Montreal, Can	
	KEWAUNEE SCIENTIFIC EQPT	**4015 Logan St. Adrian, Mich**	**CO5-7131**
	G Saunders #6 *45 E 590-735-855-1215		
	KEY RESISTOR CORP	**321 Redondo Beach Blvd, Gardena, Cal**	**DA3-5000**
	M Mann #9 *100 E 585-670-895-1150-1200-1300-1475		
Ariz	Eng Liaison Assoc	3360 Barham Blvd, Hollywood 28, Cal	HO9-2263
Cal	Kesco	Box 23, Redwood City, Cal	EM8-2876
Cal	Engineering Liaison Assoc	3360 Barham Blvd, Hollywood, Cal	HO9-2263
Colo	Allen I Williams Co	2236 S. Albion, Denver, Colo	SK6-8402
Conn	Geist-Holtz, Inc	200 5 St, Stamford	DA4-7300
Del	Jerry Bresson Assoc	246 Haverford Ave, Narberth, Pa	GR7-3800
DC	Jerry Bresson Assoc	246 Haverford Ave, Narberth, Pa	GR7-3800
Idaho	Remco	2745 Mt. St. Helens, Seattle 44, Wash	PA3-3400
Ill	Withers, Rowe & Cahill	5419 Division St, Chicago 51	AU7-2797
Iowa	Kelly/Schmitz/Winkeler	407 W 74th Terrace, Kansas City, Mo	EM3-5651
Kan	Kelly, Schmitz, Winkeler	407 W 74th Terr, Kansas City, Mo	EM3-5651
Me	Geist-Holtz, Inc	14 Wedgewood Rd, Natick, Mass	OL3-6510
Md	Jerry Bresson Assoc	246 Haverford Ave, Narberth, Pa	GR7-3800
Mass	Geist-Holtz, Inc	14 Wedgewood Rd, Natick, Mass	OL3-6510
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit 35, Mich	BR3-2900
Minn	Bill Bertelson Co	330 Oak Grove, Minneapolis, Minn	FE3-6709
Mo	Kelly/Schmitz/Winkeler	407 W 74th Terrace, Kansas City	EM3-5651
Mont	Remco	2745 Mt. St. Helens, Seattle 44, Wash	PA3-3400
Neb	Kelly/Schmitz/Winkeler	2919 Hampton Ave, St Louis 10, Mo	ST1-6111
Nev	Kesco	Box 23, Redwood City, Cal	EM8-2876
NH	Geist-Holtz, Inc	14 Wedgewood Rd, Natick, Mass	OL3-6510
NJ	Jerry Bresson Assoc	246 Haverford Ave, Narberth, Pa	GR7-3800
NM	Allen I Williams Co	3221 Silver Ave, S.E., Albuquerque, NM	AL5-9632
NY	Kahgan Sales	1261 Broadway, New York 1	MU4-7772
ND	Bill Bertleson Co	330 Oak Grove, Minneapolis 3, Minn	FE3-6709
Ohio	S Sterling Co	5827 Mayfield Dr, Cleveland, Ohio	HI2-8080
Ore	Remco	2745 Mt. St. Helens, Seattle 44, Wash	PA3-3400
Pa	Jerry Bresson Assoc	246 Haverford Ave, Narberth, Pa	GR7-3800
Pa	S Sterling Co	5827 Mayfield Dr, Cleveland, Ohio	HI2-8080
RI	Geist-Holtz, Inc	200 5th Ave, Stamford, Conn	DA4-7300
SD	Bill Bertleson Co	330 Oak Grove, Minneapolis 3, Minn	FE3-6709
Tex	Ammon & Champion	2714 Bomar St, Dallas 35	FL7-3939
Utah	Allen I Williams	2236 S Albion, Denver, Colo	SK6-8402
Vt	Geist-Holtz, Inc	14 Wedgewood Rd, Natick, Mass	OL3-6510
Va	Geist-Holtz, Inc	14 Wedgewood Rd, Natick, Mass	OL3-6510
Wash	Remco	2745 Mt. St. Helens, Seattle 44	PA3-3400
W Va	S Sterling Co	5827 Mayfield Dr, Cleveland, Ohio	HI2-8080
Wisc	Bill Bertelson Co	330 Oak Grove, Minneapolis, Minn	FE3-6709
Wyo	Remco	2745 Mt. St. Helens, Seattle 44, Wash	PA3-3400
	KEYSTONE BOLT & NUT CORP	**127 Church St, NY 7, NY**	**WO4-4600**
	125-1205-1490-1535-1940		
•	**KEYSTONE CARBON CO. THERMISTOR DIV.**	**St Marys, Pa**	**TE4-1591**
	J Macoski #10 *80 E 1790		
Ariz	Lee Grant Snyder Co	1408 N. Highland Ave, Hollywood 28, Cal	HO9-6278
Cal	Lee Grant Snyder Co	1408 N. Highland Ave, Hollywood 28, Cal	HO9-6278
Conn	Bordewieck Engineering Sales Co	221 Grove St, Boston 85, Mass	VI3-0845
Mass	Bordewieck Engineering Sales Co	221 Grove St, Boston 85, Mass	VI3-0845
NH	Bordewieck Engineering Sales Co	221 Grove St, Boston 85, Mass	VI3-0845
NJ	D R Bittan Co	104 S. Central Ave, Valley Stream, NY	LO1-2444
NY	D R Bittan Co	104 S. Central Ave, Valley Stream, NY	LO1-2444
Ohio	R A Leitch	17412 Fernway Ave, Cleveland 35, Ohio	WI1-6325
	KEYSTONE ELECTRONICS CO	**65 7th Ave, Newark, NJ**	**HU2-0630**
	A Gross #5 *110 D 415-675-1215-1880-1915		
Cal	E L Berman Co	Box 834, Belmont	LY1-7321
Cal	Jack Berman Co	1141 S. La Cienega Blvd, LA 35	OL5-8600
Conn	Eltron Engineering	2345 Whitney Ave, Hamden 18, Conn	AT8-9376
Del	M & S Electronics	Box 185, Haddonfield, NJ	
DC	M & S Electronics	Box 185, Haddonfield, NJ	
Me	Eltron Engineering	246 Walnut St, Newtonville, Mass	DE2-4975
Mass	Eltron Engineering	246 Walnut St, Newtonville, Mass	DE2-4975
NH	Eltron Engineering	246 Walnut St, Newtonville, Mass	DE2-4975
NJ	A-D Assoc	Helen St. - Warren Township, Plainfield	PL5-6766
NY	A-D Assoc	891 Fulton St, Valley Stream	VA5-6955
Pa	M & S Electronics	Box 185, Haddonfield, NJ	HA6-5463
RI	Eltron Engineering	2345 Whitney Ave, Hamden 18, Conn	AT8-9376
Tex	Norvell Assoc	3603 Lemmon Ave, Dallas 19	LA6-7861
Vt	Eltron Engineering	246 Walnut St, Newtonville, Mass	DE2-4975

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	KEYSTONE ELECTRONICS CORP	**49 Bleecker St, New York 12, NY**	**GR5-4600**
	I Rosen #2 *30 C 25-175-285-300-330-345-390-615-790-845-900-920-925-1780-1785		
Cal	R DelBucchia & Associates	179 S. Mayfair Ave, Daly City, Cal	PL6-8414
Cal	R L Stone Sales Co	1971 National Blvd, Los Angeles, Cal	TE0-5973
Colo	Vines & Co	P.O. Box 1025, Denver 1, Colo	TA5-4471
Conn	Sales Assoc of NE	106 Woodlawn St, W Hartford, Conn	AD2-0119
Del	Dave Linz	238 Shelmire St, Philadelphia, Pa	ES9-0734
DC	Dave Linz	238 Shelmire St, Philadelphia, Pa	ES9-0734
Ga	Sam Little Co	2396 Connally Dr, East Port, Ga	761-5353
Ill	Morton L Friedman	2814 W. Balmoral Ave, Chicago 25, Ill	LO1-4257
Ind	M E Tyson Co	848 Colfax St, Toledo 6, Ohio	CH6-4060
Kan	Penner Sales Co	8300 W 92 St, Overland Park, Kan	NI8-4965
Ky	M E Tyson Co	848 Colfax St, Toledo 6, Ohio	CH6-4060
La	Lloyd C Cole Co	P.O. Box 504, Denton, Tex	DU2-6017
Md	Dave Linz	238 Shelmire St, Philadelphia, Pa	ES9-0734
Mich	Lawrence F Zaffina Co	7351 Gratiot Ave, Detroit 13, Mich	WA1-2865
NJ	Jack Weber	63 E. 9th St, New York, NY	GR3-7883
NY	Jack Weber	63 E. 9th St, New York, NY	GR3-7883
NY	Hal Siegell-Norwell Sales	211-02 Northern Blvd, Flushing 61, NY	FL7-9440
NC	George Schiffer Co	P.O. Box 6111 Greensboro, NC	BR3-5578
Ohio	Robert W Peters	350 E. 215 St, Euclid 23, Ohio	AN1-2330
Okla	Lloyd C Cole Co	P.O. Box 504, Denton, Tex	DU2-6017
Pa	Dave Linz	238 Shelmire St, Philadelphia, Pa	ES9-0734
Tex	Lloyd C Cole Co	P.O. Box 504, Denton, Tex	DU2-6017
Wash	Dave Linz	238 Shelmire St, Philadelphia, Pa	ES9-0734
W.Va	Robert W Peters	350 E. 215 St, Euclid 23, Ohio	AN1-2330
	KEYSTONE MFG. CO	**23328 Sherwood Rd. Warren, Mich**	**JE6-6236**
	J Woodle #3 *100 E 55-180-590		
Alas	Tal Agencies Inc	1041 6th Ave. S. Seattle, Wash	MA3-2367
Ariz	John Alton Ware & Assoc	1400 N. 32nd St. Phoenix	BR5-1844
Ark	Malcolm Kuenzman	1113 Spears St. W. Memphis	RE5-3017
Cal	Calhoun & Poxon Co	5429 Alhambra Ave. LA 32	CA5-2328
Cal	Fred Benz Co	520 4th St. SF 7	YU2-4312
Colo	Nelson Co., The	710 E. Louisiana Ave. Denver 10, Colo	PE3-5628
Fla	W T Evans Co	511 Evanston Circle, Ft. Lauderdale	LU3-2878
Ga	Griffin & Griffin Co	1185-89 Howell Mill Rd. NW, Atlanta	TR5-7736
Ill	Weinstein & White Inc	2211 W. Grand, Chicago	CH3-1155
Ind	Wm. E Jobes	3602 N. College Ave. Indpls 5	WA4-2560
La	W D Faust	833 Howard Ave, New Orleans	JA2-5791
Md	A D Wilson Co	508 St. Paul St. Baltimore 2	SA7-1424
Mass	H E Hudson Co	80 K St. Boston 27	AN8-2424
Mich	H L Linder Assoc	3911 Joy Rd. Detroit 6	TY8-4100
Minn	Rouzer Sales Co	823 Marshall NE, Mpls	FE9-2383
Mo	E L Polsinelli Co	Box 4635, KC 9	VI2-6442
NJ	Waldron Sales Engr. Co	669 Irvington St. Newark 6	ES4-0074
NY	A C Schultz Co	76 S. Long St. Buffalo	NF3-5078
NY	Frank Brown Co	538 W. Seneca Dr. Syracuse 7	HO9-3436
NY	Waldron Sales Engr. Co	669 Irvington St. Newark 6, NJ	ES4-0074
NC	Cary Chapman Co	1009 S. Elm St. Greensboro	BR3-9473
Ohio	Lusty-Thomson Co	2140 Hamilton Ave. Cleve 14	MA1-6900
Okla	C R Downing Jr	1202 S. Erie, Tulsa	WE6-9646
Ore	Keeler/White/Portland	523 NW Everett St. Portland 9	CA7-0593
Pa	Pyramid Sales Co	325 N. Franklin St. Phila	WA5-1006
Pa	H W Groetzinger Co	410 E. Gen'l. Robinston St. Pittsbgh 12	AL1-6280
Va	Robert A Broan	Box 1264, Charlottesville	25694
Wash	Tal Agencies Inc	1041 6th Ave. S. Seattle 4	MA3-2367
For	Lionel-Essex Inter Amer. Inc	15 E. 26th St. NY 10, NY	MU5-1306
	KEYSTONE PRODUCTS CO	**904-6 23rd St, Union, NJ**	**UN6-5400**
	E Holowski #4 *125 D 670-1855		
Ala	Gentry Assoc. Inc	918 Snell Isle Blvd. St Petersburg, Fla	GA4-0730
Fla	Gentry Assoc Inc	918 Snell Isle Blvd. St. Petersburg	GA4-0730
Md	Dickison Sales Co Inc	107 York Rd. Towson 4	VA3-0923
Miss	Gentry Assoc Inc	918 Snell Isle Blvd. St. Petersburg, Fla.	GA4-0730
NJ	Dickison Sales Co	302 Marlton Pike, Erlton, NJ	HA8-4086
NJ	R J Marcy Assoc	1776 Broadway, NY 19, NY	CI5-3980
NY	R J Marcy Assoc	1776 Broadway, New York 19	CI5-3980
Pa	Dickison Sales Co Inc	302 Marlton Pike, Erlton, NJ	HA 8-4086
Va	Dickison Sales Co Inc	107 York Rd, Towson 4, Md	VA3-0923
	KIDCO INC	**Box 278, Medford, NJ**	**OL4-8494**
	R Kidder #3 *65 C 1475		
Ariz	Carl E Holmes Co	107 N. Ave 64, Los Angeles 42, Cal	CL6-2255
Cal	Carl E Holmes Co	107 N. Ave 64, Los Angeles 42, Cal	CL6-2255
Cal	McKnight Co	1436 El Camino Real, Menlo Park, Cal	DA6-3764
Conn	Cirolia LeBlanc Sales	885 Main St, Waltham, Mass	TW3-2742
DC	Barnhill & Assoc. Inc	19 W. Pa. Ave. Towson, Baltimore, Md	VA5-3431
Fla	Components Sales Co	Box 178, N. Miami Beach 62	WI5-7721
Ill	S C Bloser Co	2353 N. California Ave, Chicago 47, Ill	BR8-1220
Ind	S C Bloser Co	2353 N. California Ave, Chicago 47, Ill	BR8-1220
Me	Cirolia LeBlanc Sales	885 Main St, Waltham, Mass	TW3-2742
Md	Barnhill Assoc. Inc	19 W. Pa. Ave. Baltimore	VA5-3431
Mass	Cirolia LeBlanc Sales	885 Main St, Waltham, Mass	TW3-2742
Mich	S C Bloser Co	2353 N. California Ave, Chicago 47, Ill	BR8-1220
Minn	S C Bloser Co	2353 N. California Ave, Chicago 47, Ill	BR8-1220
NH	Cirolia LeBlanc Sales	885 Main St, Waltham, Mass	TW3-2742
NJ	Frank L Jones	2535 Hulme Ave. Phila, Pa	OR3-7718
NY	I A Hattie Co	112 DeWitt St, Syracuse, NY	GR9-6641
NY	Alan Century Co	1312 Ditmas Ave, Brooklyn 26, NY	IN2-6079
NC	R H Barnhill & Associates	19 W. Penna Ave, Towson, Baltimore 4, Md	VA5-3431
Ohio	Mike Roth Sales Co	930 Grandon Ave. Columbus 9	
Ohio	Mike Roth Sales Co	13947 Cedar Rd, Cleveland 18, Ohio	YE2-4262
Pa	Frank L Jones	2535 Hulme Ave. Phila	OR3-7718
RI	Cirolia LeBlanc Sales	885 Main St, Waltham, Mass	TW3-2742
SC	R H Barnhill & Associates	19 W. Penna Ave, Towson, Baltimore 4, Md	VA5-3431
Vt	Cirolia LeBlanc Sales	885 Main St, Waltham, Mass	TW3-2742
W. Va	Mike Roth Sales Co	13947 Cedar Rd, Cleveland 18, Ohio	YE2-4262
	KIDDE ELECTRONICS LABS. WALTER KIDDE & CO. INC	**477 Brighton Rd. Clifton, NJ**	**GR2-5000**
	#135 *1700 G 20-355-365-895-915-1370-1460-1770-1790-1915		
Conn	Gerst-Hotz Inc	200 5th St. Stamford	DA4-7390
Ind	Robert O Whitesell & Assoc. Inc	1620 E. Washington St. Indpls	FL9-5374
Ind	Robert O Whitesell & Assoc. Inc	Central Bldg. Fort Wayne	EA-3287
Ky	Robert O Whitesell & Assoc. Inc	400 N. 28th St. Louisville	SP6-2024
Md	Dickison Sales Co. Inc	107 York Rd. Towson 4	VA3-0923
Mass	Gerst-Hotz Inc	14 Wedgewood Rd. Natick	OL3-6510
Mich	Grant Shaffer Co	14241 Fenkell Ave. Detroit 27	BR3-5390
NJ	Dickison Sales Co. Inc	302 Marlton Pike, Erlton	HA8-4086
NY	Gerst-Hotz Inc	50 Dawn St. Kingston	FE1-2929
NY	Gerst-Hotz Inc	11 Robert Rd. Penfield	DU1-2002
NY	Frank Tylinski Co	73-63 Bell Blvd. Bayside 64	HO4-8927
Ohio	Robert O Whitesell & Assoc. Inc	2209 Losantiville, Cinc	ME1-9210
Ohio	Robert O Whitesell & Assoc. Inc	2600 Far Hills Bldg. Dayton	AX8-4261
Ohio	Robert O Whitesell & Assoc. Inc	21139 Lorain Ave. Cleve	ED3-2585
Tex	MacRae-Smith Co	6324 Peeler St. Dallas 35	FL1-1615
Tex	MacRae-Smith Co	1120 Oaklane Dr. Houston 24	HO5-7780
	KIDDE INDUSTRIAL & MARINE DIV. WALTER KIDDE & CO. INC	**477 Main St. Belleville 9, NJ**	**PL9-5000**
	420-895		
Cal	Walter Kidde & Co. Inc	4845 W Exposition Blvd. Los Angeles 16	RE3-0158
Ga	Walter Kidde & Co. Inc	1882 Marietta Blvd. NW, Atlanta 25	SY9-5381
Ill	Walter Kidde & Co. Inc	1310-20 W Randolph St. Chicago 7	SE8-2724
Mass	Walter Kidde & Co. Inc	2284 Washington St. Newton Lower Falls	WO9-8805
Mich	Walter Kidde & Co. Inc	20860 Coolidge Hwy. Detroit 37	JO6-6388
Pa	Walter Kidde & Co. Inc	101 N 33rd St. Philadelphia	BA2-8181
Tex	Walter Kidde & Co. Inc	7224 Harry Hines Blvd. Dallas 35	FL1-6466
	KIDDE ULTRASONIC & DETECTION ALARMS DIV. WALTER KIDDE & CO. INC	**477 Brighton Rd. Clifton, NJ**	**GR2-5000**
	895		
	KILO ENGINEERING CO	**2011 Third St, La Verne, Cal**	**LY3-4626**
	R Geck #3 *23 B 895-960		
Cal	Ash M Wood Co	Box 1158, Arcadia	AT7-0440
Conn	Industron Co	300 Northern Blvd, Great Neck, NY	HU7-2620
Del	Industron Co	5359 Oxford Ave. Phila 24, Pa	PI4-0553
Me	Industron Co	8 Merrimack St. Lowell, Mass	GL3-0562
Mass	Industron Co	8 Merrimack St. Lowell	GL3-0562
NH	Industron Co	8 Merrimack St. Lowell, Mass	GL3-0562
NJ	Industron Co	300 Northern Blvd, Great Neck, NY	HU7-2620
NY	Industron Co	300 Northern Blvd, Great Neck, NY	HU7-2620
NY	Industron Co	290 E. Genesee St. Syracuse 2, NY	HA2-2054
Pa	Industron Co	5359 Oxford Ave. Phila	PI4-0553
RI	Industron Co	300 Northern Blvd, Great Neck, NY	HU7-2620
Vt	Industron Co	8 Merrimack St. Lowell, Mass	GL3-0562
•	**KILOVOLT CORP**	**238E High St. Hackensack, NJ**	**HU8-7373**
	S Rothman 895-1340		
Ariz	Williams Assoc	3030 N Central Ave. Phoenix	CR7-7477
Cal	Windsor Dynamics	Box 1295, Sherman Oaks	ST9-2421
Cal	R L Pflieger Co	1652 Laurel St. San Carlos	LY1-0356
Colo	Williams Assoc	2263 S Albion St. Denver	SK6-9403
Conn	Elton Engineering	7341 Whitney Ave. Hamden	AT8-9276
Fla	S S Lee Assoc	Box 7836, Orlando	CH1-4445
Ill	Loren F Green & Assoc	5218 W Diversey Ave. Chicago	AV6-6824
Iowa	Engineering Services Co	106 29th St. NE, Cedar Rapids	EM5-6183
Kan	Engineering Services Co	4550 Main St. Kansas City	PL3-7227
Md	S S Lee Assoc	2521 Emmett Ave. Wheaton	LO5-3086
Mass	Elton Engineering	246 Walnut St. Newtonville	DE2-5975
Minn	Pat Lind Electronics	9781 Western Ave. Circle Pines	SU4-3327
Mo	Engineering Services Co	6617 Vernon Ave. St Louis	PA5-2233
NJ	F & F Assoc	15 Dorchester Rd. Emerson	CO2-4831
NM	Williams Assoc	3221 Silver Ave. SE, Albuquerque	AL5-9632
NY	F & F Assoc	297 Cherry Pl. East Meadow	MU7-6477
Utah	Williams Assoc	322 E 4th, S, Salt Lake City	EM4-6844
Foreign	Rocke International	13 E. 40th St. New York, NY	MU9-0200
	KIMBLE GLASS SUB OWENS-ILL	**Box 1035, Toledo 1, Ohio**	
	J Chandler 900-1545-1875-1890		
•	**KIN TEL DIV COHU ELECTRONICS**	**5725 Kearny Villa Rd, San Diego 12, Cal**	**BR7-6700**
	E Masse #120 * 500 F 200-235-275-335-895-1015-1340-1910		
Ala	Bivins & Caldwell, Inc	3110 Maple Dr NE, Atlanta 5, Ga	CE3-7522
Alaska	Arva Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
Ariz	Neely Enterprises	641 E. Missouri Ave, Phoenix, Ariz	CR4-5431
Ark	Arnold Barnes Co	3603 Lemmon Ave, Dallas 19, Tex	LA6-8735
Cal	Neely Enterprises	3939 Lankershim Blvd, N. Hollywood, Cal	TR7-0721
Cal	Neely Enterprises	1317 Fifteenth St, Sacramento, Cal	GI2-8901
Cal	Neely Enterprises	501 Laurel St, San Carlos, Cal	LY1-2626
Cal	Neely Enterprises	1055 Shafter St, San Diego, Cal	AC3-8106
Colo	Williams & Assoc. Inc	2261 S Albion St, Denver 22	SK6-9403
Conn	Technical Instruments, Inc	791 Fairfield Ave, Bridgeport	FO8-4582
Del	Horman Associates Inc	941 Rollins Ave, Rockville, Md	HA7-7560
DC	Horman Associates Inc	941 Rollins Ave, Rockville, Md	HA7-7560
Fla	Bivins & Caldwell Inc	P.O Box 7942, Orlando, Fla	CH1-1091
Ga	Bivins & Caldwell Inc	3133 Maple Dr, N.E., Atlanta 5, Ga	CE3-7522
Haw	ARVA	1320 Prospect St, Seattle 9, Wash	MA2-0177
Idaho	Arva Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
Ill	Crossley Associates	2711 W. Howard St, Chicago 45, Ill	SH3-8500
Ill	Harris Hanson Co	7914 S. Brentwood, St. Louis 17, Mo	MI7-4350
Ind	Crossley Associates Inc	5420 N. College Ave, Indianapolis, Ind	CL1-9255
Iowa	Crossley Assoc. Inc	2501 W Peterson Ave, Chicago 45, Ill	BR5-1600
Kan	Harris Hanson Co	7916 Paseo Ave, Kansas City 30, Mo	HI4-9494
Ky	Bivins & Caldwell Inc	P.O.Box 5187, High Point, NC	2-6873
La	Arnold Barnes Co	3603 Lemmon Ave, Dallas 19, Tex	LA6-8735
Me	Technical Instruments, Inc	90 Main St, Reading, Mass	944-3930
Md	Horman Associates Inc	3006 W. Cold Spring Ln, Baltimore 15, Md	MO4-8345
Mass	Technical Instruments, Inc	90 Main St, Reading	944-3930
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit 35, Mich	BR3-2900
Minn	Crossley Associates Inc	842 Raymond Ave, St. Paul, Minn	MI6-7881
Miss	Bivins & Caldwell, Inc	3110 Maple Dr NE, Atlanta 5, Ga	CE3-7522
Mo	Harris Hanson Co	7914 S. Brentwood, St. Louis 17, Mo	MI7-4350
Mont	Williams & Assoc. Inc	2261 S Albion St, Denver 22, Colo	SK6-9403
Neb	Williams & Assoc. Inc	2261 S Albion St, Denver 22, Colo	SK6-9403
Nev	Neely Enterprises Inc	3939 Lankershim Blvd, N Hollywood, Cal	TR7-0721
Nev	Neely Enterprises Inc	1317 15th St, Sacramento, Cal	GI2-8901
NH	Technical Instruments, Inc	90 Main St, Reading, Mass	944-3930
NJ	RMC Associates	391 Grand Ave, Englewood, NJ	LO7-3933
NM	Neely Enterprises	Box 8366, Sta C, Albuquerque, NM	AL5-5586
NY	RMC Associates	236 E. 75th St, New York 21, NY	TR9-2023
NY	J D Ryerson Associates Inc	Box 1400, Syracuse, NY	GI4-1771
NC	Bivins & Caldwell Inc	Box 5187, High Point, NC	2-6873
ND	Crossley Associates Inc	842 Raymond Ave, St. Paul, Minn	MI6-7881
Ohio	S Sterling Co	5827 Mayfield Rd, Cleveland 24, Ohio	HI2-6080
Okla	Arnold Barnes Co	3603 Lemmon Ave, Dallas 19, Tex	LA6-8735
Ore	ARVA	1320 Prospect St, Seattle 9, Wash	MA2-0177
Pa	Fred P Bartlett & Co	18 West Ave, Wayne, Pa	MU8-7325
Pa	H E Ransford Co	5400 Clairton Blvd, Pittsburgh, Pa	TU4-3452
RI	Technical Instruments, Inc	90 Main St, Reading, Mass	944-3930
SC	Bivins & Caldwell Inc	3133 Maple Dr, N.E., Atlanta 5, Ga	CE3-7522
SD	Crossley Associates Inc	842 Raymond Ave, St. Paul, Minn	MI6-7881
Tenn	Bivins & Caldwell Inc	P.O.Box 5187, High Point, NC	2-6873
Tex	Arnold Barnes Co	3603 Lemmon Ave, Dallas 19, Tex	LA6-8735
Utah	Williams & Assoc. Inc	322 E 4th St. S, Salt Lake City	EL4-6844
Vt	Technical Instruments, Inc	90 Main St, Reading, Mass	933-2920
Va	Bivins & Caldwell, Inc	Box 6514, Richmond 30	EL5-7931
Wash	Arva Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
W. Va	H E Ransford Co	5400 Clairton Blvd, Pittsburgh 36, Pa	TU4-3425
Wis	Crossley Assoc. Inc	2501 W Peterson Ave, Chicago 45, Ill	BR5-1600
Wyo	Williams & Assoc. Inc	2261 S Albion St, Denver 22, Colo	SK6-9403
Foreign	Erik Ferner AB	Box 56, Bromma, Sweden	
Foreign	Solartron Electronics Group Ltd	Thames Ditton, Surrey, England	AU5522
	KINEMOTIVE CORP	**P. O. Box 386, Huntington Sta, NY**	**MY2-6162**
	#6 *14 A 25-390		
	KINETIC INSTRUMENT CORP	**1070 Linwood St, Brooklyn 8, NY**	**NI9-8800**
	M Marquit #4 *70 D 145-205-310-360-1165-1470-1550-1810		
Ala	W.E. Wolcott Associates	P.O. Box 1523, Winter Park, Fla	MI7-3498
Cal	Gene F Straube & Co	1181 Sesame Dr, Sunnyvale	RE9-6640
Cal	Ed Landis Co	1735 Westwood Blvd, Los Angeles	BR2-9525
Conn	Wayne B Paluncz, Inc	1575 North Ave, Bridgeport	RE7-1766
Fla	W.E. Wolcott Associates	P.O. Box 1523, Winter Park, Fla	MI7-3498
Ga	W.E. Wolcott Associates	P.O. Box 1523, Winter Park, Fla	MI7-3498
Ill	R T Mathews & Co	3113 Western Ave, Chicago 8	
Ind	R.T. Mathews Co	1127 Wells St, Fort Wayne, Ind	EA 3917
Ky	R.T. Mathews Co	1127 Wells St, Fort Wayne, Ind	EA 3917
Mass	Wayne B. Paluncz, Inc	1787 Massachusetts Ave, Lexington, Mass	VO2-7224
Mich	R.T. Mathews Co	1127 Wells St, Fort Wayne, Ind	EA 3917
Mo	Thomson Eng Service	8230 Forsyth Blvd, St Louis 5	PA7-7705
Nev	Gene F Straube Co	1181 Sesame Dr, Sunnyvale	RE9-6640
NH	Wayne B. Paluncz, Inc	1787 Massachusetts Ave, Lexington, Mass	VO2-7224
NJ	Jack Omire	555 Winchester Ave, Union	MU7-0668
NY	H A F Assoc	430 E 86 St, New York	
NC	W E Wolcott Assoc	1236 Dover Ave, Charlotte 5	FR5-6546
Ohio	R T Mathews & Co	1127 Wells St, Fort Wayne, Ind	EA3917
Tenn	W E Wolcott Assoc	P.O. Box 1523, Oak Ridge	
Tex	Thomson Eng Service	2521 Oak Lawn, Dallas	LA6-8741
Wisc	R.T. Mathews Co	1127 Wells St, Fort Wayne, Ind	EA 3917
Can	B Manis Assoc, Reg'd	5317 Prince of Wales Ave, Montreal, Que	HU6-1475
	KINETICS DIV HIGH VACUUM EQUIPMENT CORP	**2 Churchill Rd, Hingham, Mass**	**RI9-3099**
	R Rice #5 *73 D 830		
Ariz	Denton & Anderson Co	5626 N. Rosemead, Temple City, Cal	CU3-8436
Cal	Denton & Anderson Co	5626 N. Rosemead, Temple City, Cal	CU3-8436
Ind	Denton & Anderson Co	3740 Salem Ave, Dayton 6, Ohio	CR7-9327
NJ	C Frederick Miller	Teterboro, NJ	AT8-2500
NY	C Frederick Miller	Teterboro, NJ	AT8-2500
Ohio	Denton & Anderson Co	3740 Salem Ave, Dayton 6, Ohio	CR7-9327
Tenn	Denton & Anderson Co	3740 Salem, Rd, Dayton, Ohio	CR7-9327
W. Va	Denton & Anderson Co	3740 Salem Ave, Dayton 6, Ohio	CR7-9327
	KINETRON CORP	**Shrewsbury & Patterson, Red Bank, NJ**	**SH7-5552**
	V Trivedi #2 *26 B 180-230-675-865-1120-1575-1580		
Iowa	M Burke	4504 W 76th St. Prairie Village, Kan	
Kan	M Burke	4504 W 76th St. Prairie Village	
Mo	M Burke	4504 W 76th St. Prairie Village, Kan	
NJ	A L Livera & Assoc	2 Green Village Rd. Madison	
NY	A L Livera & Assoc	1551 Franklin Ave. Mineola	
Pa	A L Livera & Assoc	2 Green Village Rd. Madison, NJ	
	KING ELECTRIC EQUIPMENT CO	**9123 Inman Ave, Cleveland 5, Ohio**	**DI1-1066**
	K Fullerton #3 *40 D 255		
	KING LABORATORIES INC	**127 Solar St, Syracuse 3, NY**	**GR4-3359**
	1120-1125-1875-1970		
Foreign	The Alton Co., Inc	5704 Bergenline Ave, Union City, NJ	UN5-4380
Foreign	Callite Products Co of Europe	Rue Ravenstein Rd, Brussells, Belgium	118508
	KING RADIO CORP. INC	**139 S Brockway, Olathe, Kan**	**ST2-0400**
	W Kelley #3 *71 E 1870		
•	**KINGS ELECTRONICS CO., INC**	**40 Marbledale Rd, Tuckahoe, NY**	**SW3-5000**
	25-45-50-345-375-1045-1135-1315-1325-1785		
Ariz	Fryco Inc	4711 N. Scottsdale Rd, Scottsdale, Ariz	
Ark	Compton Sales Inc	9002 Chancellor Row, Dallas, Tex	FL7-4195
Cal	A A Dowers Co	2978 E. Florence Ave, Huntington Park	LU2-5105
Cal	R Del Bucchia & Associates	179 S. Mayfair Ave, Daly City, Cal	PL6-8414
Colo	Franklin Sales	2149 S. Clermont St, Denver, Colo	SK7-1371
Conn	Cirolia & LeBlanc	885 Main St, Waltham, Mass	TW4-2977
Del	C H Newson & Associates	813 Bethlehem Pike, Philadelphia, Pa	CH8-3377
Fla	Jack Geartner Co	235 Lincoln Rd, Miami Beach, Fla	JE1-1002
Idaho	Marsh Agencies Inc	2501 First Ave, Seattle, Wash	MA-8746
Ill	D Dolin Sales	3553 W. Peterson Ave, Chicago, Ill	JU8-3738
Ind	Gallagher Co	15 Ritchie Ave, Cincinnati, Ohio	PO1-1288
Iowa	W E Fry Co	406 W. 34th St, Kansas City, Mo	
Kan	Factors Inc	P.O. Box 3067, Wichita, Kan	MU3-3815
Ky	Gallagher Co	15 Ritchie Ave, Cincinnati, Ohio	PO1-1288
La	Compton Sales Inc	9002 Chancellor Row, Dallas, Tex	FL7-4195
Me	Cirolia & LeBlanc	885 Main St, Waltham, Mass	TW4-2977
Md	C H Newson & Associates	17 Cottley Rd, Lutherville, Md	VA3-0431
Mass	Cirolia & LeBlanc	885 Main St, Waltham, Mass	TW4-2977
Mich	Gallagher Co	326 Wilson Rd, Rochester, Mich	OL2-4076
Minn	D Dolin Sales	3553 W. Peterson Ave, Chicago, Ill	JU8-3738
Mo	W E Fry Co	406 W. 34th St, Kansas City, Mo	
Neb	W E Fry & Co	406 W. 34th St, Kansas City, Mo	
Nev	A A Dowers Co	2978 E. Florence Ave, Huntington Park, Cal	LU2-5105
NH	Cirolia & LeBlanc	885 Main St, Waltham, Mass	TW4-2977
NJ	Gerry Alterman & Co	223 Evandale Rd, Scarsdale, NY	SC5-1193

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NM	Fryco Inc	478 N. Scottsdale Rd, Scottsdale, Ariz	
NY	Specs Inc	124 Kenne Rd, E. Syracuse, NY	GI6-4927
NY	Gerry Alterman & Co	223 Evandale Rd, Scarsdale, NY	SC5-1193
Ohio	Gallagher Co	35 Ritchie Ave, Cincinnati, Ohio	PO1-1248
Okla	Campion Sales Inc	5002 Chancellor Row, Dallas, Tex	FL7-4295
Ore	Marsh Agencies Inc	2903 First Ave, Seattle, Wash	MA-8761
Pa	C H Newson & Associates	413 Bethlehem Pike, Philadelphia, Pa	CH8-3377
RI	Cordia & LeBlanc	985 Main St, Waltham, Mass	TW4-2977
Tex	Campion Sales Inc	5002 Chancellor Row, Dallas, Tex	FL7-4295
Utah	Franklin Sales	2149 E. Clermont St, Denver, Colo	SK7-1371
Vt	Cordia & LeBlanc	985 Main St, Waltham, Mass	TW4-2977
Va	C H Newson & Associates	17 Crofftey Rd, Lutherville, Md	VA3-0431
Wash	Marsh Agencies Inc	2903 First Ave, Seattle, Wash	MA-8761
W. Va	Gallagher Co	35 Ritchie Ave, Cincinnati, Ohio	PO1-1248
Wisc	D Ogilvie Sales	5219 N. Hopkins Ave, Milwaukee, Wisc	
Wyo	Franklin Sales	2149 E. Clermont St, Denver, Colo	SK7-1371
Foreign	Int'l Standard Electric Corp	10 Church St, New York 7, NY	BO9-3600
	KINGSLEY MACHINE CO	**850 Cahuenga Blvd, EB, Hollywood, Cal**	**HO9-7243**
	1175		
	KINGSTON ELECTRONICS DIV KINGSTON INDUSTRIES INC	**Medfield, Mass**	**FL9-4347**
	R Moulton #2 *10 360-895-1340		
	KINNEY VACUUM DIV. THE N Y AIR BRAKE CO	**3529 Washington St, Boston 30, Mass**	**JA2-7100**
	#50 *400 250-315-730-895-1115-1215-1375		
Cal	Kinney Vacuum Div	5058 Venice Blvd, Los Angeles 19	WE8-7292
Cal	King Knight Co	397 Jefferson St, San Francisco 11	
Fla	Kinney Vacuum Div	115 Park St, Jacksonville 5	EL4-1966
Ill	Kinney Vacuum Div	17-19 S LaGrange Rd, LaGrange	FL2-1290
La	Gulf Engineering Co, Inc	1000 S Peters St, New Orleans, La	
Mich	William A Dales, Inc	9190 Rosslawn Ave, Detroit 4, Mich	
NY	Kinney Vacuum Div	30 Church St, New York 7, NY	WO4-8470
NY	Kinney Vacuum Div	State Towers Bldg, Syracuse	HA2-6563
NC	Brown & Morrison	1900 E 7th St, Charlotte 4, NC	
Ohio	Kinney Vacuum Div	340 E 305th St, Willowick	WH3-6660
Pa	Harris Pump & Supply Co	Brady & Sidney Sts, Pittsburgh 3, Pa	
Tex	Kinney Vacuum Div	2720 W Mockingbird Ln, Dallas	FL2-2867
W Va	Harris Pump & Supply Co	802 Quarrier St, Charleston	
Can	Williams & Wilson Ltd	544 Inspector St, Montreal 3, PQ	
Can	Williams & Wilson Ltd	71 Front St E, Toronto 1, Ont, Can	
For	P I C S A	Ave, Manuel Avila Camacho 595, Naucalpan de Juarez, Mex	
	KIRCHBERGER & CO., INC., H	**248 Humphrey St, Englewood, NJ**	**LO8-4565**
	120-175-240-380-715-900-985-1075-1090		
Cal	Yarbrough Sales Co	2535 Mission St, San Marino, Cal	MU2-3331
Wa	S Dixon	229 Russell Ave, Barrington, NJ	LI7-7383
	KIRKHILL RUBBER CO	**300 E. Cypress, Brea, Cal**	**JA9-2161**
	R Given #6 *537 900-1290-1505		
Ala	Russell Associates Inc	3179 Maple Dr, Atlanta 5, Ga	CE7-0788
Ariz	Kiva Sales Co	5614 E. Thomas Rd, Phoenix 18	WH7-1358
Colo	Bennett & Associates	2820 W. 17th Ave, Denver 4, Colo	MA3-0913
Conn	Russell Associates Inc	165 Orinoco Dr, Brightwaters, NY	MO6-6500
Del	Russell Associates Inc	518 Virginia Ave, Baltimore 4, Md	VA3-3350
DC	Russell Associates Inc	518 Virginia Ave, Baltimore 4, Md	VA3-3350
Fla	Russell Assoc, Inc	191 W. Fairbanks, Winter Park	MI7-2251
Ga	Russell Associates Inc	3179 Maple Dr, Atlanta 5, Ga	CE7-0788
Haw	Windsor Ind. Rubber Inc	179 Sand Island Access Rd, Honolulu 2	814-518
Ill	Russell Assoc, Inc	24634 Five Mile Rd, Detroit 39, Mich	KE2-5770
Ill	Russell Assoc, Inc	4 Eswin St, Cinc 18, Ohio	WE1-0930
Ind	Russell Assoc, Inc	24634 Five Mile Rd, Detroit 39, Mich	KE2-5770
Kan	Associated Industries Inc	455 S. Washington, Wichita 2, Kan	HO4-0391
Ky	Russell Assoc, Inc	4 Eswin St, Cinc 18, Ohio	WE1-0930
Me	Russell Associates Inc	165 Orinoco Dr, Brightwaters, NY	MO6-6500
Md	Russell Associates Inc	518 Virginia Ave, Baltimore 4, Md	VA3-3350
Mass	Russell Associates Inc	165 Orinoco Dr, Brightwaters, NY	MO6-6500
Mich	Russell Assoc, Inc	24634 Five Mile Rd, Detroit 39	KE2-5770
Minn	Miller Sales Co	3835 Shady Oak Rd, Hopkins, Minn	WE8-2882
Miss	Russell Associates Inc	3179 Maple Dr, Atlanta 5, Ga	CE7-0788
NH	Russell Associates Inc	165 Orinoco Dr, Brightwaters, NY	MO6-6500
NJ	Russell Associates Inc	165 Orinoco Dr, Brightwaters, NY	MO6-6500
NM	Kiva Sales Co	5614 E. Thomas Rd, Phoenix 18, Ariz	WH7-1358
NY	Russell Associates Inc	165 Orinoco Dr, Brightwaters, NY	MO6-6500
NC	Russell Associates Inc	3179 Maple Dr, Atlanta 5, Ga	CE7-0788
Ohio	Russell Assoc, Inc	24634 Five Mile Rd, Detroit 39, Mich	KE2-5770
Ohio	Russell Assoc, Inc	4 Eswin St, Cinc 18	WE1-0930
Okla	E V Boudreaux & Co	5130 S. Peoria, Tulsa 5, Okla	RI3-5453
Ore	Houston Co, Inc., The	N. Annex, Boeing Fld, Seattle 8, Wash	PA5-7990
Pa	Russell Associates Inc	165 Orinoco Dr, Brightwaters, NY	MO6-6500
RI	Russell Associates Inc	165 Orinoco Dr, Brightwaters, NY	MO6-6500
SC	Russell Associates Inc	3179 Maple Dr, Atlanta 5, Ga	CE7-0788
Tenn	Russell Associates Inc	3179 Maple Dr, Atlanta 5, Ga	CE7-0788
Tex	Dwight Payne	5840 Yolanda, Ft. Worth, Tex	JE4-9159
Utah	Bennett & Associates	2820 W. 17th Ave, Denver 4, Colo	MA3-0913
Vt	Russell Associates Inc	165 Orinoco Dr, Brightwaters, NY	MO6-6500
Va	Russell Associates Inc	518 Virginia Ave, Baltimore 4, Md	VA3-3350
Wash	Houston Co, Inc., The	N. Annex, Boeing Fld, Seattle 8	PA5-7990
W Va	Russell Assoc, Inc	4 Eswin St, Cinc 18, Ohio	WE1-0930
W Va	Russell Assoc, Inc	518 Virginia Ave, Baltimore 4, Md	VA3-3350
Wis	Russell Assoc, Inc	24634 Five Mile Rd, Detroit 39, Mich	KE2-5770
Can	W R Watkins Co	41 Kipling Ave, S. Toronto 18, Ont	BE3-2161
	KIRKLAND CO., H R	**8 King St, Morristown, NJ**	**JE8-2777**
	B Kirkland *15 40-990		
Cal	Fred D Benz Co	570 4th St, San Francisco	
Cal	Goisan Co, The	301 Pasadena Ave, S Pasadena	
Mass	H R Kimball	176 Federal St, Boston	
NJ	Kahant Assoc	11 Park Pl, N Y C	
NY	Kahant Assoc	11 Park Pl, N Y C	
Ohio	Brown Electrical Eqpt Co	1900 Euclid Ave, Cleveland	
Pa	Brown Electrical Eqpt	1612 Potomac Ave, Pittsburgh	
Tex	Southwestern Controls	5633 Urbana St, Houston	
Va	W C John	1915 Winding Way Rd, Roanoke	
	KISTLER INSTRUMENT CORP	**15 Webster St, North Tonawanda, NY**	**NX2-2099**
	R Lally #5 *21 C 15-895-1850		
Cal	Rhoades Instrument Co	23375 Lemona Dr, Woodland Hills	DI0-1853
Colo	Parrish Electronics	2130 S Albion St, Denver 22, Colo	SK6-9455
Conn	M S Caldwell, Inc	195 W Main St, Avon	OR7-8797
Mich	S Sterling Co	15310 W. McNichols, Detroit 35, Mich	BR3-2900
Ohio	S Sterling Co	5827 Mayfield Rd, Cleveland 24, Ohio	HI2-8080
Ohio	S Sterling Co	3300 S Dixie Dr, Dayton 19	AX8-7573
Pa	S Sterling Co	4232 Brownsville Rd, Pittsburgh 27	TU4-5515
Canada	Electromechanical Products	Markham Rd, Agincourt, Ontario, Canada	AI3-7011
	KLANN ORGAN SUPPLY CO	**P. O. Box 2398, Waynesboro, Va**	**WH2-8351**
	D Curtis #3 *100 D 320-1190-1295-1460-1645		
	KLEER-VUE MFG CO., INC.	**P. O. Box 10326, Pittsburgh 34, Pa**	**TE5-2662**
	Mitchell Parker #1 *11 A 180		
Ala	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Ariz	Simonte-Lewis & Associates	10636 Burbank Blvd, N. Hollywood, Cal	TR7-1674
Cal	H L Newman	56-41st Ave, San Mateo, Cal	FI1-3431
Cal	Simonte Lewis & Associates	10636 Burbank Blvd, N. Hollywood, Cal	TR7-1674
Colo	W B Golliner	1559 Chester St, Aurora 8, Colo	EM6-0208
Conn	Jack Goss Co	99 Highland Ave, Somerville 43, Mass	PR6-2262
Del	Wm C Stahl	30 E. Cedar Ave, Merchantville 8, NJ	
Fla	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Ga	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Hawaii	H L Newman	56-41st Ave, San Mateo, Cal	FI1-3431
Idan	James T Neuville Co	10636 N E Fargo St, Portland, 20, Ore	AL2-3111
Ill	Koenig-Myers Associates	4538 Main St, Kansas City, Mo	JE1-7221
Ill	Loren F Green & Assoc	5218 W Diversey Ave, Chicago, 39, Ill	AV6-6824
Ind	Loren F Green & Associates	5218 W Diversey Ave, Chicago, 39, Ill	AV6-6824
Iowa	Koenig-Myers Associates	4538 Main St, Kansas City, Mo	JE1-7221
Kan	Koenig-Myers Associates	4538 Main St, Kansas City, Mo	JE1-7221
Ky	Walter J Brauer & Associates	15631 Lakewood Hgts Blvd, Cleve, Ohio	LAI-7268
Me	Jack Goss Co	99 Highland Ave, Somerville 43, Mass	PR6-2262
Md	William C Stahl	30 E. Cedar Ave, Merchantville 8, NJ	
Mass	Jack Goss Co	99 Highland Ave, Somerville 43, Mass	PR6-2262
Mich	Robert Milsk Co	13071 James Couzens Hwy, Detroit 35	BR3-3852
Minn	Ray Ripley	7222 James Ave, S., Minneapolis 23	UN6-8682
Miss	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Mo	Koenig-Myers Associates	4538 Main St, Kansas City, Mo	JE1-7221
Mont	W B Golliner	1559 Chester St, Aurora 8, Colo	EM6-0208
Mont	James T Neuville Co	10636 N E Fargo St, Portland, 20, Or	AL2-3111
Neb	Koenig-Myers Associates	4538 Main St, Kansas City, Mo	JE1-7221
Nev	Simonte-Lewis & Associates	10636 Burbank Blvd, N. Hollywood, Cal	TR7-1674
NH	Jack Goss Co	99 Highland Ave, Somerville 43, Mass	PR6-2262
NJ	Wm C Stahl	30 E. Cedar Ave, Merchantville 8, NJ	
NJ	Art Rusoff	1625 E. 13 St, Brooklyn 35, NY	MA5-6330
NM	W B Golliner	1559 Chester St, Aurora 8, Colo	EM6-0208
NY	Art Rusoff	1625 E. 13 St, Brooklyn 35, NY	MA5-6330
NC	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
ND	Ray Ripley	7222 James Ave, S., Minneapolis 23, Minn	UN6-8682
Ohio	Walter J Brauer & Associates	15631 Lakewood Hgts Blvd, Cleve 7	LAI-7268
Okla	Lloyd C Cole	Box 504, Denton, Tex	DU2-6017
Ore	James T Neuville Co	10636 N E Fargo St, Portland, 20, Or	AL2-3111
Pa	Walter J Brauer & Associates	15631 Lakewood Hgts Blvd, Cleve, Ohio	LAI-7268
Pa	Wm C Stahl	30 E. Cedar Ave, Merchantville 8, NJ	
RI	Jack Goss Co	99 Highland Ave, Somerville 43, Mass	PR6-2262
SC	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
SD	Ray Ripley	7222 James Ave, S., Minneapolis 23, Minn	UN6-8682
Tenn	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Tex	W B Golliner	1559 Chester St, Aurora 8, Colo	EM6-0208
Tex	Lloyd C Cole	P O Box 504, Denton, Tex	DU2-6017
Utah	W B Golliner	1559 Chester St, Aurora 8, Colo	EM6-0208
Vt	Jack Goss Co	99 Highland Ave, Somerville 43, Mass	PR6-2262
Va	William C Stahl	30 E. Cedar Ave, Merchantville 8, NJ	
Wash	James T Neuville Co	10636 N E Fargo St, Portland 20, Or	AL2-3111
W. Va	Walter J Brauer & Associates	15631 Lakewood Hgts Blvd, Cleve, Ohio	LAI-7268
Wisc	Ray Ripley	7222 James Ave, S., Minneapolis 23, Minn	UN6-8682
Wis	Loren F Green & Assoc	5218 W Diversey Ave, Chicago, 39, Ill	AV6-6824
Wyo	W B Golliner	1559 Chester St, Aurora 8, Colo	EM6-0208
	KLEIN ELECTRONICS CO., LEO	**8826 Wash. Blvd. Culver City, Cal**	**VE7-3494**
	H Nevis #2 *7 A 1000		
Cal	Caltrac Products Co	3518 W. Pico Blvd, Los Angeles, Cal	RE4-2420
Cal	F W Shader	11623 S. Broadway, Los Angeles, Cal	PL6-9156
NY	Permog Corp	88-06 Van Wyck Expwy, Jamaica, NY	OL7-1818
	KLEIN & SONS, MATHIAS	**7200 McCormick Rd, Chicago 45, Ill**	**JU8-6820**
	E 1825		
	KLINCHER LOCKNUT CORP	**2153 Hillside Ave, Indpls 18, Ind**	**WA5-2301**
	J Granaclone #3 *30 D 1205-1535		
Cal	Roy F Gratiot Co	261 S Glendale Ave, Glendale 5	CH5-3746
	KLINE IRON & STEEL CO	**1225 Huger St, Columbia, SC**	**AL4-8301**
	J Trotter #5 *250 45-1835		
	KLING METAL SPINNING CO	**247 Centre St, New York, NY**	**CA6-5580**
	B 1120-1580-1640-1940		
	KNAPIC ELECTRO-PHYSICS INC	**940 Industrial Ave, Palo Alto, Cal**	**DA1-5544**
	R Wilcox *105 E 1125		
Cal	Knapic Electro-Physics W. Sales Inc	204 S. Beverly Dr, Beverly Hills, Cal	CR6-7175
NY	Knapic Electro-Physics Inc	114 E 40th St, New York City	YU6-0360
Foreign	Mitsui Bussan Kaisha Ltd	P O Box Central 822, Tokyo, Japan	
For	Arthur H del Prado	41 Prins Frederiklaan, Naarden, Holland	K2659
For	V W Rowlands	16 Cook St, Liverpool 2, England	MAR1041
For	Claude Varnier	8 Rue LaFayette, Paris 9e, Fr	
	KNIGHT ELECTRONICS CORP	**2200 W S Maywood Dr. Maywood, Ill**	**MU1-2700**
	A Henry #14 *150 F 955		
Ill	Allied Radio Corp	100 N. Western Ave, Chicago 80, Ill	HA1-6800
•	**KNIGHTS CO., JAMES**	**Sandwich, Ill**	**2141**
	G Moore #10 *325 B 415-670-895-1215		
Ariz	G S Marshall Co	30 Pima Plaza, Scottsdale	WH6-5521
Cal	G S Marshall Co	2065 Huntington Dr, San Marino	MU1-6791
Conn	S Harris Co	1241 Highland Ave, Needham 92, Mass	HI4-4780
Del	Mount & Co	National Press Bldg, Washington, DC	ME8-0221
DC	Mount & Co	National Press Bldg, Washington	ME8-0221
Fla	M K Smith Co	117 N Keystone Dr, Clearwater	3-8021
Ga	M K Smith Co	208 14th St, Atlanta	TR5-8231
Ill	Gassner & Clark Co	5644 N Western Ave, Chicago	RO4-6121
Ind	Hoenig Sales Co	Butler Ct, Fort Wayne	AN2083
Me	S Harris Co	1241 Highland Ave, Needham 92, Mass	HI4-4780
Md	Mount & Co	National Press Bldg, Washington, DC	ME8-0221
Mass	S Harris Co	1241 Highland Ave, Needham 92	HI4-4780
Mich	G Shaffer Co	14241 Fenkell Ave, Detroit 27	BR3-5390
Miss	M K Smith Co	208 14th St, Atlanta, Ga	TR5-8231
NH	S Harris Co	1241 Highland Ave, Needham 92, Mass	HI4-4780
NM	G S Marshall Co	30 Pima Plaza, Scottsdale, Ariz	WH6-5521
NY	D Sowers Assoc	10 Fiske Dr, Mt Vernon	MO8-9829
NY	E W Stone Co	308 Merritt Ave, Syracuse	HO9-3825
NC	M K Smith Co	920 W Hill St, Charlotte 8	FR6-5950
Ohio	Sheridan Associates	Rosslawn Center Bldg, Cincinnati 37	ME1-7400
Okla	J A Green Co	Box 511, Tulsa	
Ore	R Legg & Co	630 NW 21st St, Portland 2	CA3-1353
Pa	Mount & Co	Washington, DC	
Pa	Sheridan Assoc	Cinc, Ohio	
RI	S Harris Co	1241 Highland Ave, Needham 92, Mass	HI4-4780
SC	M K Smith Co	920 W Hill St, Charlotte, NC	FR6-5950
Tex	J A Green Co	7118 Envoy Ct, Dallas 7	FL1-8847
Vt	S Harris Co	1241 Highland Ave, Needham 92, Mass	HI4-4780
Va	Mount & Co	National Press Bldg, Washington, DC	ME8-0221
Wash	R Legg Co	1566 9th Ave, S, Seattle 4	MU2-7763
For	E K Ebert & Co	Sandwich, Ill	
	KNOB CORP OF AMERICA	**469 Jericho Tpk. Mineola, NY**	**PI7-3990**
	S Eisenberg #3 *25 960		
	Sales Representatives: See Beaver Labs Inc.		
	KNOPP INC	**1307- 66 St, Oakland 8, Cal**	**OL3-1661**
	M Moller #3 *20 C 895-1585-1855		
Ala	Gregory-Salisbury & Co., Inc	920 Julia St, New Orleans 12, La	
Ariz	C C Bleckschmidt	P.O. Box 54, Covina, Cal	
Ark	Gregory-Salisbury & Co., Inc	429 S. West St, Jackson, Miss	
Cal	C C Bleckschmidt	P.O. Box 54, Covina, Cal	
Cal	Arthur E Booth	265 S. Alexandria Ave, Los Angeles 4, Cal	
Cal	The MaB Co	P.O. Box 635, Oakland 4, Cal	
Colo	Hamilton Associates	1236 Elati St, Denver 4, Colo	
Conn	Dempsey-Gowen Co., Inc	P.O. Box 284, Needham 92, Mass	
Conn	C T Nevins	401 Woodside Ave, Narberth, Pa	
Del	L C Conover	1737 Chestnut St, Philadelphia 3, Pa	
Del	C T Nevins	401 Woodside Ave, Narberth, Pa	
DC	L C Conover	1737 Chestnut St, Philadelphia 3, Pa	
DC	C T Nevins	401 Woodside Ave, Narberth, Pa	
Fla	Ward Engineering Co., Inc	1015 W. Central Ave, Orlando, Fla	
Hawaii	William M Jewell	126 Post St, San Francisco 8, Cal	
Idaho	William M Jewell	126 Post St, San Francisco 8, Cal	
Ill	Engineered Electrical Sales	4060 W Pine St, St Louis, Mo	OL2-4930
Ill	Allan C Davey	4733 Wallbank Ave, Downers Grove, Ill	
Ind	Allan C Davey	4733 Wallbank Ave, Downers Grove, Ill	
Iowa	Allan C Davey	4733 Wallbank Ave, Downers Grove, Ill	WO8-6709
Iowa	Conrad R Bangh	524 W O W Bldg, Omaha 2, Neb	
La	Gregory-Salisbury & Co., Inc	920 Julia St, New Orleans 12, La	
Me	Dempsey-Gowen Co., Inc	P.O. Box 284, Needham 92, Mass	
Md	L C Conover	1737 Chestnut St, Philadelphia 3, Pa	
Md	C T Nevins	401 Woodside Ave, Narberth, Pa	
Mass	Dempsey-Gowen Co., Inc	P.O. Box 284, Needham 92, Mass	
Mich	Lincoln M Hefter	17545 Memorial Ave, Detroit 27, Mich	
Minn	D A Swanson Co	7420 Lake Dr, Circle Pines	SU4-1745
Miss	Gregory-Salisbury & Co., Inc	429 S. West St, Jackson, Miss	
Mo	Engineered Electrical Sales	4060 W Pine St, St Louis	OL2-4930
Neb	Conrad R Bangh	524 W O W Bldg, Omaha 2, Neb	
Nev	C C Bleckschmidt	P.O. Box 54, Covina, Cal	
NH	Dempsey-Gowen Co., Inc	P O Box 284, Needham 92, Mass	
NJ	L C Conover	1737 Chestnut St, Philadelphia 3, Pa	
NJ	C T Nevins	401 Woodside Ave, Narberth, Pa	
NM	Hamilton Associates	1236 Elati St, Denver 4, Colo	
NY	C T Nevins	401 Woodside Ave, Narberth, Pa	
NC	Titus L Bissell	P.O. Box 776, Charleston, SC	
ND	D A Swanson Co	7420 Lake Dr, Circle Pines, Minn	SU4-1745
Ohio	Lincoln M Hefter	17545 Memorial Ave, Detroit 27, Mich	
Ohio	John S Ridinger	4828 Liberty Ave, Pittsburgh 24, Pa	
Ohio	William Goodridge	P O Box 9803, Pittsburgh 27, Pa	
Okla	Hal F Corry Co., The	6315 Hillcrest Ave, Dallas 5, Tex	LA8-9172
Ore	William M Jewell	126 Post St, San Francisco 8, Cal	
Pa	John S Ridinger	4828 Liberty Ave, Pittsburgh 24, Pa	
Pa	L C Conover	1737 Chestnut St, Philadelphia 3, Pa	
Pa	C T Nevins	401 Woodside Ave, Narberth, Pa	
Pa	William Goodridge	P.O. Box 9803, Pittsburgh 27, Pa	
RI	Dempsey-Gowen Co., Inc	P.O. Box 284, Needham 92, Mass	
SC	Titus L Bissell	P.O. Box 776, Charleston 1, SC	
SD	Conrad R Bangh	524 W O W Bldg, Omaha 2, Neb	
Tenn	Gregory-Salisbury & Co., Inc	429 S. West St, Jackson, Miss	
Tex	Hamilton Associates	1236 Elati St, Denver 4, Colo	
Tex	Hal F Corry Co., The	6315 Hillcrest Ave, Dallas 5	LA8-9172
Vt	Dempsey-Gowen Co., Inc	P.O. Box 284, Needham 92, Mass	
Va	William Goodridge	P.O. Box 9803, Pittsburgh 27, Pa	
Va	Titus L Bissell	P.O. Box 776, Charleston 1, SC	
Wash	William M Jewell	126 Post St, San Francisco 8, Cal	
W. Va	John S Ridinger	4828 Liberty Ave, Pittsburgh 24, Pa	
W. Va	William Goodridge	P O Box 9803, Pittsburgh 27, Pa	
Wisc	Allan C Davey	4733 Wallbank Ave, Downers Grove, Ill	
Wyo	Hamilton Associates	1236 Elati St, Denver 4, Colo	
Canada	Griffiths Sales Ltd	551 W. 8th Ave, Vancouver 9, B C, Canada	
•	**KNOWLES ELECTRONICS INC**	**10545 Anderson Pl, Franklin Park, Ill**	**GL5-3600**
	J Johnson 555-1130-1675		
	KOBZY TOOL CO.	**1535 N. Dayton, Chicago 22, Ill**	**MI2-6709**
	980-1445		
	KOCH & SONS, INC., H.	**Hwy. 101, Corte Madera, Cal**	**WA4-3518**
	H Sheffield #5 *200 E 135-230-895-1220-1285-1290-1135		
Cal	Jack Musselman	102 N Brand Blvd, Glendale	CH5-3221
Ohio	H Koch & Sons Inc	Box 46, Bellbrook	VI8-2242
Va	H Koch & Sons Inc	3808 Tuttridge Ln, Alexandria	SO5-6517

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	KOILED KORDS DIV WHITNEY BLAKE CO	**97 Pershing St, New Haven 14, Conn**	**CH8-5515**
	375		
•	**KOKUSAI ELECTRIC CO. LTD**	**9 Nishikubo-Sakuragawa-cho, Minatoku, Tokyo, Japan**	
	T Wakita #250 *1137 1135-1870		
	KOLLMAN CASE CORP	**Ft. Wayne, Ind**	**HA0919**
	135		
	KOLLMORGEN CORP	**347 King St. Northampton, Mass**	**JU4-0200**
	W O'Donnell #4 *310 D 1015-1210		
Ariz	Costello & Co	2740 S La Cienega Blvd. L A, Cal	UP0-8537
Cal	Costello & Co	2740 S. La Cienega Blvd, Los Angeles	UP0-8537
Conn	Rich. Whitehead, Jr. Assoc	57 Whitfield St. Guilford	GL3-3762
Ill	Carlson Electronic Sales	6677 N NW Hwy. Chicago 30	SP4-0277
Mass	Rich. Whitehead Jr. Assoc	2 Brimmer St. Boston	CA7-7590
Minn	Fred Peterson Co	2431 Hennepin Ave. Minneapolis 5	FR7-3025
NY	L L Schley Corp	Box 214, Dewitt	GI6-1642
For	Eastronics Corp	48 W 48th St. New York 36, NY	CO5-8323
For	Teknis	Plainville, Mass	MY9-4707
	KOLLSMAN INSTRUMENT CORP. SUB. STANDARD KOLLSMAN IND INC	**80-08 45th Ave. Elmhurst 73, NY**	**TW9-5600**
	A Bechtenkirch *4600 G 35-195-250-338-360-775-895-1015-1165-1245-1850		
Cal	Kollsman Instrument Corp	715 Sonora Ave, Glendale, Cal	CH5-8424
Cal	Kollsman Instrument Corp	3380 North Harbor Dr. San Diego 1	CY8-9356
DC	Kollsman Instrument Corp	1725 K St. NW, Washington 6	FE8-9062
Ga	Kollsman Instrument Corp	520 Timber Valley Rd. NE, Atlanta	255-7520
Mass	Kollsman Instrument Corp	271 Central St. Hingham	RI9-1995
Neb	Kollsman Instrument Corp	P.O. Box 807, Bellevue, Neb	BE1934
Ohio	Kollsman Instrument Corp	333 W. First St, Dayton 2, Ohio	BA8-8111
•	**KOLLSMAN MOTOR CORP**	**Mill St, Dublin, Pa**	**CH9-3651**
	G Brening #6 *250 E 338-895-1160-1165-1745		
Cal	L.A. Neill Co	1161 Howard St, San Francisco 3, Cal	HE1-4738
Cal	Glen E Fron	715 Sonora Ave, Glendale	CH5-2027
Colo	Electronic Components Sales, Inc	2149 S. Clermont, Denver 22, Colo	PE3-7172
Fla	Cartwright & Bean	20100 N.E. 25th Ct, N. Miami Beach, Fla	WI5-2962
Fla	Cartwright & Bean	2585 Nancy St, Orlando, Fla	GA5-8284
Ga	Cartwright & Bean	3223 Cain's Hill Pl, N.W., Atlanta, Ga	CE7-2273
Ill	Sid Kollsman Industries	2785 N Hawthorne Ave, Melrose Park	FI4-5680
Ind	South Sales Co	115 Lakeshore Dr, Angola, Ind	777
La	Cartwright & Bean	821 Pontalba St, New Orleans, La	AU 2264
Mass	Niles Schlegel	6 Bartlett Parkway, Winthrop 52	VI6-2053
Mo	E.W. McGrade Co	Box 8876, Prairie Vlg Sta, Kansas City	RA2-0758
Mo	E.W. McGrade Co	1110 S. Brentwood, St. Louis 17, Mo	PA5-6550
NM	R.E. McClendon Co	915 Yale Blvd, S.E., Albuquerque, NY	CH3-4551
NY	F. Edwin Schmitt Co	136 Liberty St, New York 6, NY	WO2-6550
NY	Wilson H. Zimmerman, Inc	112 Dewitt St, Syracuse 3, NY	GR4-4389
NC	Cartwright & Bean	625 Harvey Dr, Charlotte, NC	FR6-8648
Ore	Richard Legg Co	1633 N.W. 21st Ave, Portland 9, Ore	CA3-9720
Tenn	Cartwright & Bean	560 S. Cooper St, Memphis, Tenn	BR6-4442
Wash	Richard Legg Co	1565 6th Ave S., Seattle 4, Wash	MU2-7764
Canada	P.J. Heenan, Ltd	669 Bayview Ave, Toronto 17, Ontario	HU1-2291
Canada	D. Eldon McLennan	1624 W. Third Ave, Vancouver 9, B.C.	RE6-9251
	KOLTON ELECTRIC MFG CO	**123 NJ Railroad Ave, Newark 5, NJ**	**MI2-4622**
	C Marstein #3 *25 D 155-345-1120-1855		
•	**KOOLTRONIC FAN CO**	**P. O. Box 504, Princeton, NJ**	**SW9-1466**
	R Lymon #1 *6 B 105		
Cal	W E Zimmerman Co	407 N. Maple Dr, Beverly Hills, Cal	BR2-1181
Cal	W E Zimmerman Co	201 Town & Country Village, Palo Alto	DA1-1008
Conn	Henry Lavin Assoc	P O Box 921, Meriden, Conn	BE7-5527
Fla	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	MI7-3498
Ill	Dwight Smith Associates	32 S River St, Aurora, Ill	TW7-5752
Ind	R O Whitesell & Assoc	6620 E Washington St, Indianapolis	FL9-5374
Ind	R O Whitesell & Assoc	203 W Wayne St, Fort Wayne, Ind	EA3287
Ky	R O Whitesell & Assoc	400 N 38th St, Louisville, KY	
Md	East Coast Liaison Inc	P.O. Box 243, Lutherville, Md	VA5-4449
Mass	Henry Lavin Assoc	Needham, Mass	HI4-3446
Mich	Ind Electronic Sales Co	3182 Weathervane Ln, Birmingham	MI6-6894
Minn	Clark R Gibb Co	2400 Hennepin Ave, Minneapolis, Minn	FR7-1200
Miss	L R Massey Co	P.O. Box 724, Greenwood, Miss	GL3-3038
NJ	Aero Sales Co	P.O. Box 53, Caldwell, NJ	CA6-2642
NY	David Sonkin Assoc	10 Fiske Place, Mount Vernon, NY	MO4-1809
NY	Edco Manufacturers	P O Box 94, Elmwood Sta, Syracuse, NY	GR6-2341
Ohio	R O Whitesell & Assoc	P O Box 2787, Cincinnati, Ohio	ME1-9210
Ohio	R O Whitesell & Assoc	21139 Lorain Ave, Cleveland, Ohio	ED3-2585
Ohio	R O Whitesell & Assoc	2600 Far Hills Bldg, Dayton, Ohio	AX8-4261
Tex	MacRae-Smith Co	P.O. Box 35113, Dallas 35, Tex	BL3-2006
Tex	MacRae-Smith Co	P.O.Box 19387, Houston 24, Tex	HO5-7780
Can	Whittaker Electronics Ltd	1171 Whitmore Ave, Ottawa, Ont	PA2-8563
	KOPPERS CO., INC	**Koppers Bldg, Pittsburgh 19, Pa**	**EX1-3300**
	#900 *11800 G 30-390-900-1220-1290-1545		
Cal	Koppers Co Inc	55 New Montgomery St. S F 5	DO2-3364
Ill	Koppers Co Inc	122 S Michigan Ave. Chicago 3	WE9-2400
Mass	Koppers Co Inc	250 Stuart St. Boston 16	HA6-1700
Mich	Koppers Co Inc	301 W Eight Mile Rd. Detroit 3	FO6-5200
NY	Koppers Co Inc	430 Park Ave. New York 22	PL5-2810
Pa	Koppers Co Inc	355 E Lancaster Ave. Haverford	GR7-9516
Wash	Koppers Co Inc	808 White-Henry-Stuart Bldg. Seattle 1	MA4-2563
	KORFUND CO. INC	**Cantiague Rd. Westbury, NY**	**ED3-7500**
	J Hammond #35 *125 E 135-250-895-1073-1170-1230		
Ala	George O Mabry	Box 563, Birmingham	LY2-7213
Ariz	W H Steele Co	1612 W. Beverly Blvd. LA 26, Cal	MA4-3244
Ark	Flinn Eng. Co	508 E. Markham St. Little Rock	FR6-1678
Cal	W H Steele Co	1612 W. Beverly Blvd. LA 26	MA4-3244
Cal	Rolph Wills & Co	371 4th St. SF 7	SU1-1100
Colo	E N Murray Co	1531 Denver Club Bldg. Denver 2	AL5-0533
Conn	Korfund Co. Inc., The	86 Buttonball Ln. Glastonbury	ME3-2531
DC	Korfund Co. Inc., The	1420 New York Ave. NW. Wash 5	ST3-7959
Fla	Acousti-Insulation Inc	244 Romano Ave. Coral Gables	HI8-9624
Ga	Felix J Commagere	157 Simpson St. NW Atlanta	JA5-2761
Idah	John L Harvey Co	121 S. Monroe, Spokane 4, Wash	MA4-3002
Ill	Himelblau, Byfield & Co	1214-22 W. Madison St. Chicago 7	TA9-5450
Ind	Himelblau, Byfield & Co	5248 Hohman Ave. Hammond	WE1-2729
Ind	Pfau-Vogel Co	31 E. Georgia St. Indpls	ME2-2523
Iowa	W E Bemis Co	1645 Hennepin Ave. Mnpls 3, Minn	FE8-4684
Kan	H M Curfman Co	20 W. 9th St. Bldg. KC 5, Mo	HA1-2768
La	Allan J Harris	400 Balter Bldg. New Orleans 12	TU0126
Me	John J Round Co	25 Wing Rd. Lynnfield Center, Mass	ED4-4950
Md	C D Lutton Co	2127 Maryland Ave. Baltimore 18	BE5-5957
Mass	John J Round Co	25 Wing Rd. Lynnfield Center	ED4-4950
Mich	George W Akers Co	443 E. 9 Mile Rd. Ferndale 20, Detroit	JO6-0707
Minn	W E Bemis Co	1645 Hennepin Ave. Mnpls 3	FE8-4684
Mo	Warren Bruce & Co	4903 Delmar Blvd. St. Louis 8	FO7-7003
Mo	H M Curfman Co	20 W. 9th St. Bldg. KC 5	HA1-2768
Mont	John L Harvey Co	121 S. Monroe, Spokane 4, Wash	MA4-3002
Neb	E P Dempsey Co	2431 Camden Ave. Omaha 11	PL9380
NH	John J Round Co	25 Wing Rd. Lynnfield Center, Mass	ED4-4950
NM	E N Murray Co	1531 Denver Club Bldg. Denver 2, Colo	AL5-0533
NY	R P Smith Co. Inc	45 N. Lake Ave. Albany 3	HO3-0626
NY	Ind. Transmissions Inc	7 Terrace, Buffalo 2	MA2102
NC	Howard V Caton	230 N. Torrence St. Charlotte	FR5-2028
ND	W E Bemis Co	1645 Hennepin Ave. Mnpls 3, Minn	FE8-4684
Ohio	Sheldon Storer & Assoc	Box D, Cinc 17	CA1-1191
Ohio	Baker & English Inc	1370 W. 9th St. Cleve 13	CH1-3703
Okla	R E Pauling	115 W. 3rd St. Tulsa 3	LU5-9504
Ore	Noise Control of Seattle	600 W. Nickerson St. Seattle 99, Wash	AT4-4000
Pa	Girard Assoc	Box 248, Chambersburg	CO3-4117
Pa	R G Hening	444 Glendale Circle, Springfield	KI4-3730
Pa	Follansbee Ind. Sales Co	335 1st St. Pittsgh 15	ST2-2425
RI	John J Round Co	25 Wing Rd. Lynnfield Center, Mass	ED4-4950
SC	Howard V Caton	230 N. Torrence St. Charlotte, NC	FR5-2028
SD	W E Bemis Co	1645 Hennepin Ave. Mnpls 3, Minn	FE8-4684
Tenn	Ferguson Eqpt. Co	1309 Broadway NE Knoxville	4-1491
Tenn	Flinn Eng. Co	Box 8027, Crosstown Sta. Memphis	BR8-1732
Tex	Luedecke Eng. Co	1007 W. 34th St. Austin 11	HO5-7242
Tex	Joiner/Meade Capers	3920 Cedar Springs Dallas	LA6-8624
Tex	Frank R Young Co	Box 18127, Houston 11	WA3-6697
Utah	E N Murray Co	1531 Denver Club Bldg. Denver 2, Colo	AL5-0533
Vt	John J Round Co	25 Wing Rd. Lynnfield Center, Mass	ED4-4950
Va	Hugh R Noel Co. Inc	531 Brook Rd. Richmond 20	MI8-7019
W Va	Follansbee Ind. Sales Co	Box 8371, S. Charleston	DI3-3137
Wash	Noise Control of Seattle Inc	600 W. Nickerson St. Seattle 99	AT4-4000
Wash	John L Harvey Co	121 S. Monroe, Spokane 4	MA4-3002
Wis	Ed Gifford & Co	6471 W. Fond du Lac Ave. Milwaukee 2	HO3-6400
Wyo	E N Murray Co	1531 Denver Club Bldg. Denver 2, Colo	AL5-0533
Can	E H Price Ltd	607 4th St. E. Calgary Alb	
Can	E T Sampson & Co. Ltd	44 Laird Dr. Toronto 7 Ont	HU7-2141
Can	Patricia Eng. Ltd	1237 Albert St. Regina, Sask	
Can	E H Price Ltd	83 Robson St. Vancouver, BC	
Can	E T Sampson & Co. Ltd	9216 Boivin St. Montreal 32, Que	DO5-0420
	KORRY MFG. CO	**223 8th Ave. N. Seattle 9, Wash**	**MA4-4066**
	J White #5 *83 D 35-40-338-790-895-990-1630		
Cal	James N Dupree Co	Box 3156, S. El Monte	CU3-7681
	KRAEUTER & CO., INC	**583 18 Ave, Newark 3, NJ**	
	1825		
	KRECKMAN CO., HERB	**Cresco, Pa**	**LY5-2212**
	H Kreckman #1 *3 A 45		
Ala	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	
Alaska	Ray Johnston Co	110-09 Evanston Ave, Seattle, Wash	
Ariz	C H Mitchell Co	13804 Ventura Blvd, Sherman Oaks, Cal	
Ark	Spivy Cole	Box 504, Denton, Tex	
Cal	C H Mitchell Co	13804 Ventura Blvd, Sherman Oaks, Cal	
Colo	Ray Johnston Co	110-09 Evanston Ave, Seattle, Wash	
Conn	Chester Drexler	3 Lee Dr, South Farmingdale, NY	
Del	Ed Braddock	P.O. Box 305, Haddonfield, NJ	
DC	Ed Braddock	P.O. Box 305, Haddonfield, NJ	
Fla	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	
Ga	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	
Idaho	Ray Johnston Co	110-09 Evanston Ave, Seattle, Wash	
Ill	Communication Engineers	6349 Northwestern Ave, Chicago, Ill	
Ind	Bilray Organization	3615 Brownsboro Rd, Louisville, Ky	
Iowa	A J Warner	5022 29 Ave, South Minneapolis 17, Minn	
Kan	Wilbur Goll	10511 W. 56 Terr, Shawnee, Kan	
Ky	Bilray Organization	3615 Brownsboro Rd, Louisville, Ky	
Me	Chester Drexler	3 Lee Dr, South Farmingdale, NY	
Md	Ed Braddock	P.O. Box 305, Haddonfield, NJ	
Mass	Chester Drexler	3 Lee Dr, South Farmingdale, NY	
Mich	Jack Thorpe	640 Hidden Lane, Detroit, Mich	
Minn	A J Warner Co	5022 29 Ave, South Minneapolis 17, Minn	
Miss	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	
Mo	Wilbur Goll	10511 W. 56 Terr, Shawnee, Kan	
Mont	Ray Johnston Co	110-09 Evanston Ave, Seattle 33, Wash	
Neb	A J Warner Co	5022-29 Ave, S., Minneapolis 17, Minn	
Nev	C H Mitchell Co	13804 Ventura Blvd, Sherman Oaks, Cal	
NH	Chester Drexler	3 Lee Dr, South Farmingdale, NY	
NJ	Chester Drexler	3 Lee Dr, South Farmingdale, NY	
NY	Chester Drexler	3 Lee Dr, South Farmingdale, NY	
NC	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	
ND	A J Warner Co	5022-29 Ave, S., Minneapolis 17, Minn	
Ohio	Ohio Associates	Box 982 Lima, Ohio	
Okla	Spivy-Cole	Box 504, Denton, Tex	
Ore	Ray Johnston Co	110-09 Evanston Ave, Seattle 33, Wash	
Pa	Chester Drexler	3 Lee Dr, South Farmingdale, NY	
RI	Chester Drexler	3 Lee Dr, South Farmingdale, NY	
SC	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	
SD	A J Warner Co	5022-29 Ave, S., Minneapolis 17, Minn	
Tenn	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	
Tex	Spivy-Cole	Box 504 Denton, Tex	
Utah	Ray Johnston Co	110-09 Evanston Ave, Seattle 33, Wash	
Vt	Chester Drexler	3 Lee Dr, South Farmingdale, NY	
Va	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	
Wash	Ray Johnston Co	110-09 Evanston Ave, Seattle 33, Wash	
W Va	Ohio Associates	Box 982 Lima, Ohio	
Wisc	Communication Engineers	6349 Northwestern Ave, Chicago, Ill	
Wyo	Ray Johnston Co	110-09 Evanston Ave, Seattle 33, Wash	
	KRENGEL MFG. CO., INC	**227 Fulton St, New York 7, NY**	**CO7-5711**
	525-900-1075-1190-1295		
NJ	Krengel Mfg. Co. Inc	40 Ward St, Paterson, NJ	MU4-1414
	KRESSILK PRODUCTS, INC	**73 Murray St, New York 7, NY**	**BA7-2492**
	J Slater D 265-315-375-480-620-1240-1530		
	KROHN-HITE CORP	**580 Mass Ave, Cambridge 39, Mass**	**UN4-4272**
	W Bixby #6 *80 D 670-895-1340-1915		
Ark	Ind Assoc Electronics Inc	PO Box 10876, Dallas 7, Tex	RI8-0777
Ark	Industrial Associated Electronics Inc	201B, Internat'l Airport, El Paso, Tex	PR2-2441
Cal	van Groos Co	Box 425, Woodland Hills, Cal	DI0-3131
Cal	van Groos Co	1178 Los Altos Ave, Los Altos, Cal	WH8-7266
Del	NLR Assoc	15 Tenney Ct. West Orange, NJ	RE1-0774
Del	NLR Associates	529 Shoemaker Rd, Elkins Park, Pa	CA4-1663
DC	C E Snow Co	8218 Wisconsin Ave, Bethesda, Md	OL4-1767
Idaho	Ahmco	Boeing Field, Seattle, Wash	PA5-9810
Ill	Hugh Marsland & Co	6639 Lincoln Ave, Chicago 45, Ill	OR6-1100
Ind	Hugh Marsland & Co	6730 E. 19th St, Indianapolis 19, Ind	FL6-4249
Iowa	Hugh Marsland & Co	6699 Lincoln Ave, Chicago 45, Ill	OR6-1100
Kan	Ind Assoc Electronics Inc	PO Box 10876, Dallas 7, Tex	RI8-0777
Ky	Hugh Marsland & Co	6699 Lincoln Ave, Chicago 45, Ill	OR6-1100
La	Industrial Associated Electronics Inc	Box 8068, Ft. Worth 12, Tex	JE1-1132
Md	C E Snow Co	Friendship Intl Arpt, Baltimore	SO1-5757
Md	C E Snow Co	8218 Wisconsin Ave, Bethesda, Md	OL4-1767
Mich	Electro Sales Assoc	15324 Mack Ave. Detroit 24	TU6-2280
Mich	Hugh Marsland & Co	6699 Lincoln Ave, Chicago 45, Ill	OR6-1100
Minn	Hugh Marsland & Co	231 N. Edgewood Ave, Minneapolis 27	LI5-4481
NM	Ind Assoc Electronics Inc	PO Box 10876, Dallas 7, Tex	RI8-0777
NY	NLR Assoc	15 Tenney Ct. West Orange, NJ	RE1-0774
NY	DB Assoc	16 Jefferson St. Endicott	PI8-0832
NY	DB Associates Inc	3307 Erie Blvd, E., Dewitt 14, NY	GI6-0220
NY	DB Associates Inc	37 Overbrooke St, Tonawanda, NY	WI6186
ND	Hugh Marsland & Co	6699 Lincoln Ave, Chicago 45, Ill	OR6-1100
Ohio	Electro Sales Associates	281 E. 216th St, Cleveland 23, Ohio	RE2-7444
Ohio	Electro Sales Associates	Box 143, Dabel Sta, Dayton 20, Ohio	CH4-5551
Okla	Ind Assoc Electronics Inc	PO Box 10876, Dallas 7, Tex	RI8-0777
Ore	Ahmco	Boeing Field, Seattle 8, Wash	PA5-9810
Pa	NLR Associates	529 Shoemaker Rd, Elkins Park 17, Pa	CA4-1663
Pa	Electro Sales Associates	281 E. 216th St, Cleveland 23, Ohio	RE2-7444
SD	Hugh Marsland & Co	6639 Lincoln Ave, Chicago 45, Ill	OR6-1100
Tex	Ind Assoc Electronics Inc	PO Box 10876, Dallas 7	RI8-0777
Tex	Industrial Associated Electronics Inc	201B, Internat'l Airport, El Paso, Tex	PR2-2441
Va	C E Snow Co	8218 Wisconsin Ave, Bethsda, Md	OL4-1767
Wash	Ahmco	Boeing Field, Seattle 8, Wash	PA5-9810
Wisc	Hugh Marsland & Co	6699 Lincoln Ave, Chicago 45, Ill	OR6-1100
Canada	Mel Sales Limited	1969 Avenue Rd, Toronto 12, Ont, Canada	HU1-0231
Foreign	Roche International Corp	13 E. 40th St, New York 16, NY	MU9-0200
	KRYLON INC	**Ford & Washington, Norristown, Pa**	**BR9-1950**
	R Newbold 265-315-1240-1930		
Alas	Alaska Brokerage Co	Box 2187, Anchorage	BR6-9784
Cal	Leslie D Morrison	704 The Alameda, Berkeley 7	LA6-2451
Cal	H M Shoemaker & Assoc	1576 Gower St. Hollywood 28	HO4-0231
Colo	William L Knoyer Co	138 W. 12th Ave, Denver 4, Colo	MA3-0063
Ill	Al Quackenbush	520 N. Michigan Ave, Chicago 11, Ill	MO4-1904
Ind	Delta Sales Inc	2136 E. 52nd St, Indianapolis 5, Ind	CL1-3564
Mass	Michael Scott Co., Inc	336 Washington, Wellesley Hills, Mass	CE5-0102
Mich	Wayne Bartel Co	13209 Fenkell, Detroit 27, Mich	VE8-9100
Minn	Siemers/Godden/Olson Inc	324 N. 1st St. Mnpls 1	FE2-7793
Mo	W E Fry & Co., Inc	406 W. 34th St, Kansas City 11, Mo	JE1-5236
NY	The Newhope Corp	6 E. 39th St, New York 16, NY	LE2-7372
NY	Pastor-Hunter Co	3307 Erie Blvd, E., Syracuse 14, NY	GI6-2180
Ohio	John O Olsen Co	16201 Shaker Blvd, Cleveland 20, Ohio	SK2-5444
Pa	Todd & Blunt Co	105 Forrest Ave, Narberth, Pa	MO4-4626
Tenn	Cartwright & Bean	560 S. Cooper St, Memphis 4, Tenn	BR6-4442
Tex	Husing-Frazier Co., Inc	4333 Belmont Ave, Dallas 4, Tex	TA4-0117
Wash	Swan Kjos	8035 30th Ave, N.E., Seattle 15, Wash	LA2-5173
Canada	Monitor Services Ltd	2180 Wilson Ave, Montreal 28, Que, Can	HU1-2724
•	**KRYSTINEL CORP**	**Box 6, Fox Island Rd, Port Chester, NY**	**WE7-5252**
	R Lynch #3 *30 C 380-655-1085-1575		
Ariz	Bert Barron Co	15166 Ventura Blvd, Sherman Oaks, Cal	TR3-2040
Cal	Bert Barron Co	15166 Ventura Blvd, Sherman Oaks, Cal	TR3-2040
Conn	R S Pettigrew & Co., Inc	10 N Main St. West Hartford 7	
Ill	Harry W Gebhard Co	5129 W Devon Ave. Chicago 46	
Ind	Harry W Gebhard Co	5129 W Devon Ave. Chicago 46, Ill	
Me	R S Pettigrew & Co., Inc	10 N Main St. West Hartford, Conn	
Mass	R S Pettigrew & Co., Inc	10 N Main St. West Hartford, Conn	
Mich	Harry W Gebhard Co	5129 W Devon Ave. Chicago 46, Ill	
Nev	Bert Barron Co	15166 Ventura Blvd, Sherman Oaks, Cal	TR3-2040
NH	R S Pettigrew & Co., Inc	10 N Main St. West Hartford, Conn	
NY	R S Pettigrew & Co., Inc	10 N Main St. West Hartford, Conn	
RI	R S Pettigrew & Co., Inc	10 N Main St. West Hartford, Conn	
Vt	R S Pettigrew & Co., Inc	10 N Main St. West Hartford, Conn	
Wis	Harry W Gebhard Co	5129 W Devon Ave. Chicago 46, Ill	
	KUHNKE ELECTRONICS, H	**Malente, Holstein, Ger**	**397/398**
	R Westphal #8 *300 1460-1645-1735-1795-1855		
	KULITE SEMICONDUCTOR PRODS. INC	**1030 Hoyt Ave. Ridgefield, NJ**	**WH5-3000**
	S Kurtz #3 *25 A 895		
	KULKA ELECTRIC CORP	**633 S. Fulton Ave, Mt. Vernon, NY**	**MO4-4024**
	E Edelman #10 *250 E 25-300-345-375-790-795-845-985-1315-1620-1735-1780-1785		
Ala	Emory Design & Equipment Co	Box 9013, Birmingham 9, Ala	
Ariz	Shefler-Kahn Co	PO Box 1587, Phoenix	
Ark	Gordon V Peck Co	130 Casa Linda Plaza, Dallas 8, Tex	
Cal	Richard A Strassner Co	1557 N. Western Ave, Los Angeles 27, Cal	
Colo	D A Steinkamp & Co	No 16 Wazee Market, Denver 2	
Conn	Charles Segel Co	1262 Commonwealth Ave, Boston 34, Mass	
Del	Lewis Slubin & Co	2305 Fairmount Ave, Philadelphia 30, Pa	
DC	Lewis Slubin & Co	2305 Fairmount Ave, Philadelphia 30, Pa	
Fla	Chris Snell	Box 1346, Orlando, Fla	
Ill	R A Hanke Co	2660 N. Clybourn Ave, Chicago 15, Ill	
Ind	M Cunningham & Associates	6208 N. College Ave, Indianapolis 20, Ind	
Iowa	R W Farris Co	406 W 34th St. Kansas City 2, Mo	
Kan	R W Farris Co	406 W. 34th St. Kansas City 2, Mo	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ky	Lecentz Co	1934 Euclid Ave, Cleveland 15, Ohio	
La	Gordon V Peck Co	130 Casa Linda Plaza, Dallas 8, Tex	
Me	Charles Siegel Co	1262 Commonwealth Ave, Boston 34, Mass	
Md	Lewis Stuber & Co	2305 Fairmount Ave, Philadelphia 30, Pa	
Mass	Charles Siegel Co	1262 Commonwealth Ave, Boston 34, Mass	
Mich	A B W Sales Co	13116 Puritan Ave, Detroit, Mich	
Minn	R G Ragon Inc	1408 W. Idaho Ave, St. Paul 4, Minn	
Mo	R W Farris Co	406 W. 34th St, Kansas City 2, Mo	
Neb	R W Farris Co	406 W. 34th St, Kansas City 2, Mo	
NH	Charles Siegel Co	1262 Commonwealth Ave, Boston 34, Mass	
NJ	Friedman Co	519 S. 5th Ave, Mt. Vernon, NY	
NJ	Lewis Stuber & Co	2305 Fairmount Ave, Philadelphia 30, Pa	
NM	H George Sheffer Co	Box 1587, Phoenix, Ariz	
NY	Friedman Co	519 S. 5th Ave, Mt. Vernon, NY	
NY	Leonard D Allen Inc	115 Luther Ave, Syracuse 8, NY	
Ohio	Lecentz Co	1934 Euclid Ave, Cleveland 15, Ohio	
Okla	Gordon V Peck Co	130 Casa Linda Plaza, Dallas 8, Tex	
Ore	Pete Bach Electric	1233 N.W. 12th Ave, Portland 12, Ore	
Pa	Lewis Stuber & Co	2305 Fairmount Ave, Philadelphia 30, Pa	
RI	Charles Siegel Co	1262 Commonwealth Ave, Boston 34, Mass	
Tenn	Emory Design & Equipment Co	Box 9013, Birmingham 5, Ala	
Tex	Gordon V Peck Co	130 Casa Linda Plaza, Dallas 8, Tex	
Utah	D A Stenkamp & Co	[illegible], Denver 2, Colo	
Vt	Charles Siegel Co	1262 Commonwealth Ave, Boston 34, Mass	
Va	Lewis Stuber & Co	2305 Fairmount Ave, Philadelphia 30, Pa	
Wash	Pete Bach Electric	1233 N.W. 12th Ave, Portland 12, Ore	
Wis	A J Gaertner & Assoc	236 W Highland Ave, Milwaukee	
Can	Desser E-E Ltd	441 St Francois Xavier St, Montreal, Que	
	KUPFRIAN MFG CORP	**390 State St, Binghamton, NY**	**RA3-6426**
	C Chase #7 *450 E 365-390-795-915-1340-1575		
Ark	Wyborny Sales Co	Box 17070, Dallas, Tex	
Cal	Milligan-Spika Co	1485 Bayshore Blvd, San Francisco 24	JU5-1857
Cal	Industrial Products Sales Co	1417 Georgia St, Los Angeles 15, Cal	RI7-0125
Colo	Puehle Sales Co	465 S Leyden St, Denver, Colo	
Conn	T Kennedy Co	19 Forest Rd, Wakefield, Mass	CR6-5532
Del	E Braddock	P.O.Box 305, Haddonfield, NJ	HA9-0067
DC	E Braddock	Box 305, Haddonfield, NJ	HA9-0067
Idaho	Puehle Sales Co	465 S Leyden St, Denver, Colo	
Ill	Jay C Angel & Co	2743 W Peterson Ave, Chicago, Ill	
Ind	Jay C Angel & Co	2743 W Peterson Ave, Chicago, Ill	
Iowa	Jay C Angel & Co	2743 W Peterson Ave, Chicago, Ill	
La	Wyborny Sales Co	Box 17070, Dallas, Tex	
Me	T Kennedy Co	19 Forest Rd, Wakefield, Mass	CR6-5532
Md	E Braddock	P.O.Box 305, Haddonfield, NJ	HA9-0067
Mass	T Kennedy Co	19 Forest Rd, Wakefield, Mass	CR6-5532
Mont	Puehle Sales Co	465 S Leyden St, Denver, Colo	
NH	T Kennedy Co	19 Forest Rd, Wakefield, Mass	CR6-5532
NJ	Kent Associates	31 Ivy Terr, E. Paterson, NJ	SW7-4911
NJ	E Braddock	P.O.Box 305, Haddonfield, NJ	HA9-0067
NM	Puehle Sales Co	465 S Leyden St, Denver, Colo	
NY	Kent Associates	31 Ivy Terr, E. Paterson, NJ	SW7-4911
Ohio	Browne & Assoc	3066 E 116th St, Cleveland, Ohio	
Okla	Wyborny Sales Co	Box 17070, Dallas, Tex	
Pa	E Braddock	P.O.Box 305, Haddonfield, NJ	HA9-0067
Pa	Browne & Assoc	3066 E 116th St, Cleveland, Ohio	
RI	T Kennedy Co	19 Forest Rd, Wakefield, Mass	CR6-5532
Tex	Wyborny Sales Co	Box 17070, Dallas, Tex	
Utah	Puehle Sales Co	465 S Leyden St, Denver, Colo	
Vt	T Kennedy Co	19 Forest Rd, Wakefield, Mass	CR6-5532
Va	E Braddock	P.O.Box 305, Haddonfield, NJ	HA9-0067
W Va	Browne & Assoc	3066 E 116th St, Cleveland, Ohio	
Wis	J C Angel & Co	2743 W Peterson Ave, Chicago, Ill	
Wyo	Puehle Sales Co	465 S Leyden St, Denver, Colo	
•	**KURMAN ELECTRIC CO. SUB. CRESCENT PETROLEUM CORP**	**191 Newel St. Brooklyn 22, NY**	**EV3-8000**
	W Green #10 *200 E 1135-1460-1935		
Ala	Murphy & Cota	117 Gallatin St SW, Huntsville	JE6-9121
Cal	Bernard L Cahn Co	420 Market St, San Francisco 11, Cal	[illegible]
Cal	C H Mitchell Co	13804 Ventura Blvd, Sherman Oaks, Cal	TR3-4674
Colo	Peyser & Co	1501 N Weber Ave, Colorado Springs	
Conn	Carter Sales Co	P.O. Box 2517, New Haven, Conn	SP7-6279
Fla	Murphy & Cota	2319 E South St, Orlando	GA4-2167
Ga	Murphy & Cota	3108 Peachtree Rd NE, Atlanta	TR6-3030
Ill	B Keith Peter	4477 Elston Ave, Chicago	KI5-1912
Md	Danco Sales Corp	1007 Rowe Ln, Baltimore, Md	
Mass	Carter Sales Co	45 Pearl St, Brookline, Mass	BE2-2425
Mich	R E Lohmann Co	12730 Fenkell, Detroit 27, Mich	UN2-9465
Mo	Caroline A Vignola Assoc	Box 589, Jefferson City	5-1023
NY	D R Bittan Co	104 S. Central Ave, Valley Stream, NY	LO1-2444
NY	Leo Jacobson Co., Inc	1386 Kenmore Ave, Buffalo 23, NY	DE0442
NC	Murphy & Cota	1116 Burke St, Winston-Salem	PA4-0750
Ohio	Mike Roth Sales Co	13947 Cedar Rd, Cleveland	YE2-4262
Okla	Gordon V Peck Co	312 S Allegheny Ave, Tulsa	TE5-5484
Ore	Dave M Lee Co., Inc	3522 N. E. Union Ave, Portland 12, Ore	AT8-5798
Pa	Danco Corp	Germantown Pike, Fairview Village	BR5-2600
Tex	Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18	DA1-6579
For	Terminal Radio International	240 W 17 St, New York 11, NY	CH3-5200
	KURSTON ELECTRONICS	**702 Bay St, Staten Island, NY**	**GI8-8989**
	J Kurtz #2 *5 A 300-895-955-1085		
	KURZ-KASCH INC	**1421 S.Broadway, Dayton 1, Ohio**	**BA3-8161**
	M Kasch #12 *350 E 895-960-1290		
Cal	Melvin & Co	2843 E Colorado Blvd, Pasadena	MU1-4591
Colo	Keith Co., The	4977 S Acoma, Englewood, Colo	
Conn	Adolph Friedman Co., The	519 S 5th Ave, Mt Vernon, NY	MO4-6110
Conn	William T Kelly Co	77 Lovett St, Beverly, Mass	WA2-0065
Fla	Erickson Products, Inc	Box 24, 2617 Jewell Rd, Largo	584-1171
Ill	Kurz-Kasch Inc	2130 N. Harlem Ave, Chicago 35, Ill	GL6-8837
Ind	H J Kasch, Jr	1280 W Patterson Rd, Dayton 55, Ohio	AX9-5809
Mass	Wm T Kelly & Co	77 Lovett St, Beverly, Mass	WA2-0065
Mich	Leckie & Associates	1135 Fisher Bldg, Detroit 2, Mich	TR4-2270
Minn	Hamilton & Pavlo Associates Inc	3355 Republic Ave, Minneapolis 26,	WE9-7891
Mo	William S Richards Co	2108 Gravois Ave, St. Louis 4, Mo	PR6-1704
NJ	Timco Inc	30 Tanner St, Haddonfield, NJ	HA9-4400
NY	Adolph Friedman Co	519 S 5th Ave, Mt Vernon	MO4-6110

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NY	Farley & Allen, Inc	77 Centennial St, Rochester 11	BE5-[illegible]
Ohio	J K Widmer	1421 S Broadway, Dayton 1	BA3-8161
Tex	Koch Engr & Sales Co	1807 Jefferson Ave, Houston 2	FA3-7161
Tex	Koch Eng & Sales Co	300 Meadows Bldg, Dallas 6	EM1-1165
	KURZ & ROOT CO	**Appleton, Wisc**	**RE3-6641**
	255-360-895-1160-1340-1455-1830		
	KWIKHEAT MFG CO	**3732 San Fernando Rd, Glendale 4, Cal**	**CH5-2376**
	E Wechter #1 *10 B 1125		
Cal	Claude Michael Inc	103 W. Ivy, Glendale	
NY	Wm. G Roller Inc	159 Liberty Ave, Mineola	
•	**KYORITSU ELECTRICAL INSTRUMENTS WORKS LTD**	**120, Nakame-cho, Meguro-ku, Tokyo, Japan**	**Tokyo(717)0131-5**
	T Keramoto #130 *210 E 635-895		
•	**KYORITSU ELECTRICAL WORKS LTD**	**551, 4-chome, Koenji, Suginami-Ku, Tokyo, Japan**	**(311)2402**
	S Yamada #25 *60 C 895		
	L A B CORP	**992 Onondaga, Skaneateles, NY**	**OV5-5781**
	J Hubbard #3 *40 D 895-1075-1935		
Cal	Don E Hughes Co	4459 Avocado St, Los Angeles 27, Cal	NO5-5166
NY	Space-Tronics Inc	100 E. Old Country Rd, Mineola, NY	PI1-8816
Ohio	Custom Engineering Co	2974 Far Hills Ave, Dayton 19, Ohio	AX9-5246
Can	Beechey Enterprises	1872 Weston Rd, Weston, Ont	CH4-8051
	L & B ELECTRONICS	**2424 6th St. Berkeley, Cal**	
	360		
	L M B	**2528 W. 9th St, Los Angeles 6, Cal**	**DU7-6995**
	O Hooper #1 *18 D 30-135-140-230-240-265-700		
Ala	J E Joyner & Assoc	PO Box 10821, Sta A, Atlanta, Ga	PL5-0336
Ark	Macrae-Smith	PO Box 35113, Dallas 35, Tex	BL3-2006
Cal	Heager, Inc	2528 W 9th St, L A 6	DU7-6995
Cal	David H Ross Co	534 El Camino Real, San Carlos, Cal	LY3-7878
Colo	W B Gollither	1559 Chester St, Aurora	EM6-0208
Conn	Lew Cohen Sales Co	185 Windsor Rd, Fairfield	
Del	H A Goodman	401 W Mt Airy Ave, Phila 19, Pa	CH7-7116
DC	H A Goodman	401 W Mt Airy Ave, Phila 19, Pa	CH7-7116
Fla	J E Joyner & Assoc	PO Box 10821, Sta A, Atlanta 10, Ga	PL5-0336
Haw	David H Ross Co	534 El Camino Real, San Carlos, Cal	LY3-7878
Idaho	Wm B Gollither	1559 Chester St, Aurora, Colo	EM6-0208
Ill	Dayton L Warner Co	815 MacArthur, Chicago Heights, Ill	SK4-0028
Ind	Central Electronic Sales Co	19503 Fairport, Detroit 5, Mich	LA6-5841
Iowa	Koenig Myers Assoc	4538 Main St, Kansas City, Mo	JE1-7221
Kan	Koenig Myers Assoc	4538 Main St, Kansas City, Mo	JE1-7221
Ky	Central Electronic Sales Co	19503 Fairport, Detroit 5, Mich	LA6-5841
La	MacRae Smith Co	PO Box 35113, Dallas 35, Tex	BL3-2006
Me	Lew Cohen Sales Co	185 Windsor Rd, Fairfield, Conn	
Md	H A Goodman	401 W Mt Airy Ave, Phila 19, Pa	CH7-7116
Mass	Lew Cohen Sales Co	185 Windsor Rd, Fairfield, Conn	
Mich	Central Electronic Sales Co	19503 Fairport, Detroit 5, Mich	LA6-5841
Minn	Wm Engelbretson Co	906 Ottawa Ave, St Paul 7	CA2-2338
Miss	J E Joyner & Assoc	PO Box 10821, Sta A, Atlanta 10, Ga	PL5-0336
Mo	Koenig Myers & Associates	4538 Main St, Kansas City, Mo	JE1-7221
Mont	W B Gollither	1559 Chester St, Aurora, Colo	EM6-0208
Neb	Koenig Myers Assoc	4538 Main St, Kansas City, Mo	JE1-7221
NH	Lew Cohen Sales Co	185 Windsor Rd, Fairfield, Conn	
NJ	H A Goodman	401 Mt Airy Ave, Phila, Pa	CH7-7116
NJ	Morris Hacker	217-48th Ave, Bayside 64, NY	BA4-5361
NM	Wm B Gollither	1559 Chester St, Aurora, Colo	EM6-0208
NY	W W Ferguson	112 Fayette St, Manlius	OV2-9821
NY	Morris J Hacker	217-18 48th Ave, Bayside 64, NY	BA4-5361
NC	J E Joyner & Assoc	PO Box 10821, Sta A, Atlanta 10, Ga	PL5-0336
ND	Wm Engelbretson	906 Ottawa St, St Paul 7, Minn	CA2-2338
Ohio	H H Sisky	3850 Farrington Dr, Columbus 21, Ohio	HU8-9994
Okla	MacRae-Smith	PO Box 35113, Dallas 35, Tex	BL3-2006
Ore	M K Widdekind	216 1st Ave, Seattle 9, Wash	AT4-4869
Pa	H A Goodman	401 W. Mt. Airy Ave, Philadelphia 19, Pa	CH7-7116
Pa	H H Sisky Co	3850 Farrington Dr, Columbus 21, Ohio	HU8-9994
RI	Lou Cohen Sales Co	185 Windsor Rd, Fairfield, Conn	
SC	J E Joyner & Assoc	PO Box 10821, Sta A, Atlanta 10, Ga	PL5-0336
SD	Wm Engelbretson Co	906 Ottawa St, St Paul 7, Minn	CA2-2338
Tenn	J E Joyner & Assoc	PO Box 10821, Sta A, Atlanta 10, Ga	PL5-0336
Tex	MacRae-Smith Co	PO Box 35113, Dallas 35	BL3-2006
Utah	Wm B Gollither	1559 Chester St, Aurora, Colo	EM6-0208
Vt	Lou Cohen Sales Co	185 Windsor Rd, Fairfield, Conn	
Va	J E Joyner Assoc	PO Box 10821, Sta A, Atlanta 10, Ga	PL5-0336
Wash	M K Widdekind	216 1st Ave, Seattle 9	AT4-4869
W Va	H H Sisky Co	3850 Farrington Dr, Columbus 21, Ohio	HU8-9994
Wis	Dayton L Warner Co	815 MacArthur, Chicago Hts, Ill	SK4-0028
Wyo	Wm B Gollither	1559 Chester St, Aurora, Colo	EM6-0208
	L & R MFG CO	**577 Elm St, Kearny, NJ**	**WY1-5330**
	S Goldfarb #5 *70 A 1175-1915		
Cal	L & R Mfg Co	406 S Main St, Los Angeles 13, Cal	MA9-2035
Ill	L & R Mfg Co	21 E. Madison St, Chicago, Ill	CE6-2443
	LABELON CORP.	**10 Chapin St. Canandaigua, NY**	**2925**
	D Allen *90 965-1750-1755		
Cal	Joe M Davis	170 N. Robertson Blvd, Beverly Hills	OL5-9181
Ill	C M Rogers	175 W. Jackson Blvd, Chicago, Ill	WE9-4864
Kan	Newman Donnell	3004 Romany Rd, Kansas City, Mo	EM1-8518
Md	Geo Mitchell	1210 S. Charles St, Baltimore, Md	PL2-2201
NY	John L Sullivan	349 Broadway, New York, NY	WO6-4940
Pa	Walter Daub	33 N. Narberth Ave, Narberth, Pa	MO4-7417
	LABLINE INC	**3070 W. Grand Ave. Chicago 22, Ill**	**SA2-5151**
	C Kelly #7 *125 E 250-360-735-895-1215-1460-1810		
	LABORATOIRE INDUSTRIEL DE PHYSIQUE APPLIQUEE	**67 Rue MA Colombier, Bagnolet Seine France**	**AV41-83**
	H Monasterio #3 *255 E 45-390-855-1055		
	LABORATORY EQUIPMENT CORP	**Lakeview & Hilltop Rd, St. Joseph, Mich**	**YU3-5533**
	H Schaler #5 *120 240-735-895-990-1305		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	LABORATORY FOR ELECTRONICS INC	**1079 Commonwealth Ave, Boston 15, Mass**	**AL4-4235**
	#650 *3300 G 338-360-365-450-775-895-1135-1360-1375-1395-1550-1555-1855		
Ala	LFE	507 Chadwell Circle, Huntsville	JE9-3835
Ala	Roy Attaway Co	2315 Bob Wallace Ave, SW, Huntsville	534-2811
Cal	LFE	6410 W 89th St, LA 45	OR6-8090
Cal	John F O'Halloran & Assoc	11636 Ventura Blvd, N Hollywood	TR7-0171
Colo	Scientific Instrument Co	1450 Pennsylvania St, Denver 3, Colo	AL5-2777
Conn	Instrument Assoc	734 Asylum St, Hartford	CH6-6686
DC	Matthew B Thorp	1520 K St, N.W., Wash 5, DC	EX3-4956
Ill	Burt Anderson & Associates	6414 N. Higgins Ave, Chicago 31, Ill	SP4-4174
Kan	Assoc Industries	455 S Washington St, Wichita	HO4-0191
Mass	Instrument Associates	30 Park Ave, Arlington, Mass	MI8-7972
NJ	LFE	60 4th Ave, Atlantic Highlands	AT1-1848
NM	Ed Miller Co	210 Cagua Dr, NE, Albuquerque	AL5-1585
NY	LFE	1018 W Thomas St, Rome	FF6-1641
NY	Charles A Winick Co	1445 Valencia Rd, Schenectady 9	EX3-1288
Ohio	LFE	333 W 1st St, Dayton	BA8-7855
Pa	Haldsworth & Co	428 S. Springfield Rd, Lansdowne, Pa	MA6-6300
Tex	Texas Avionics	4515 Prentice St, Dallas 6	EM8-1366
Va	Jay Co	2420 Wilson Blvd, Arlington 1, Va	JA4-6767
Wash	Paramount Technical Agencies	5010 N.W. 28th Ave, Seattle 7, Wash	SU4-6447
Can	Instronics Ltd	Box 100, Stittsville, Ont	TA5-1263
For	LFE	1079 Commonwealth Ave, Boston 15, Mass	AL4-4235
	LAB-TRONICS INC	**3656 N. Lincoln, Chicago 13, Ill**	**GR7-7900**
	G Levitt #4 *125 D 25-190-345-375-925-1135-1315		
Ark	Delzell-Maynard	3013 Cedar Springs, Dallas 1, Tex	MI4-5724
Cal	R Mark Markman Co	4360 Lankershim, N. Hollywood, Cal	TR7-3368
Cal	F W Moulthrop Co	4950 Lankershim, N. Hollywood, Cal	TR7-3368
Conn	Robert Smith Co	59 Verndale St, Brookline 46, Mass	AS7-0017
Del	Herman Lewis Co	1622 68 Ave, Philadelphia 26, Pa	LI8-1281
DC	Herman Lewis Co	1622 68 Ave, Philadelphia 26, Pa	LI8-1281
Fla	Jack Gardner Co	235 Lincoln Rd, Miami Beach, Fla	JE1-0280
Idaho	Paramount Agencies	3131 Western Ave, Seattle 1, Wash	AT4-1840
Ill	Levin Sacks & Assoc	2639 W. Peterson Rd, Chicago 45, Ill	LO1-7290
Iowa	The Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	
Kan	The Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	
La	Delzell-Maynard	3013 Cedar Springs, Dallas 1, Tex	MI4-5724
Me	Robert Smith & Co	59 Verndale St, Brookline 46, Mass	AS7-0017
Md	John Olsen Co	16201 Shaker Blvd, Cleveland, Ohio	SK2-5444
Mass	Robert Smith Co	59 Verndale St, Brookline 46, Mass	AS7-0017
Minn	The Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
Mo	The Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
Mont	Paramount Agencies	3131 Western Ave, Seattle 1, Wash	AT4-1840
Nev	R Mark Markman Co	4360 Lankershim, N. Hollywood, Cal	TR7-3368
NH	Robert Smith Co	59 Verndale St, Brookline 46, Mass	AS7-0017
NJ	Lewis Abeles	34 Plainfield Rd, Albertson, NY	
NY	Lewis Abeles	34 Plainfield Rd, Albertson, NY	
NC	The Hiller Co	Box 5211, Winston-Salem, NC	PA5-8588
ND	The Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	
Ohio	John O Olsen Co	16201 Shaker Blvd, Cleveland, Ohio	SK2-5444
Okla	Delzell-Maynard	3013 Cedar Springs, Dallas 1, Tex	MI4-5724
Ore	Paramount Agencies	3131 Western Ave, Seattle 1, Wash	AT4-1840
Pa	Herman Lewis Co	1622 68 Ave, Philadelphia 26, Pa	LI8-1281
RI	Robert Smith Co	59 Verndale St, Brookline 46, Mass, RI	AS7-0017
SC	The Hiller Co	Box 5211, Winston-Salem, NC	PA5-8588
SD	The Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	
Tenn	The Hiller Co	Box 5211, Winston-Salem, NC	PA5-8588
Tex	Delzell-Maynard	3013 Cedar Springs, Dallas 1, Tex	MI4-5724
Vt	Robert Smith Co	59 Verndale St, Brookline 46, Mass	AS7-0017
Va	The Hiller Co	Box 5211, Winston-Salem, NC	PA5-8588
Wash	Paramount Agencies	3131 Western Ave, Seattle 1, Wash	AT4-1840
W. Va	John Olsen Co	16201 Shaker Blvd, Cleveland, Ohio	SK2-5444
Wis	Levin Sacks & Associates	2639 W Peterson Rd, Chicago 45, Ill	LO1-7290
	LAINE ELECTRONICS & MFG CO, INC	**91 Industrial Ave, Little Ferry, NJ**	**HU9-4532**
	C Mandre #2 *20 A 820-895-990-1385-1875-1800		
	LAKE CHEMICAL CO	**3052 W. Carroll Ave, Chicago 12, Ill**	**SA2-6085**
	700		
	LAKE MFG. CO	**2323 Chestnut St. Oakland 7, Cal**	**TE4-6333**
	W Howe #2 *29 C 895-910		
Cal	Thomas M Morris	847 El Solejo, Campbell	ES7-6580
Cal	Charles Walden	3943 Virginia Rd, Long Beach	GA7-2461
Fla	Edwin W Ivy	2502 Nancy St, Orlando	
Fla	Harvey E Antley	20100 N.E. 25th Ct, N. Miami Beach	
Ga	Everett P Bean	3221 Cain's Hill Place, NW, Atlanta	
Ga	Wayne W Guyer	3220 Cain's Hill Place, NW, Atlanta	
La	Marion O Aime	921 Pensacola St, New Orleans	
Md	Brothers & Conneen Assoc	6302 Lincoln Ave, Baltimore	RO4-7189
Mass	W B Pray Sales	44 Washington St, Wellesley Hills	CE5-3199
Mich	Wayne Bethel Co	13209 Fenkell, Detroit	VE8-9100
Mich	Ron Hartsema	2518 Glenside Blvd, Muskegon Hts	
Minn	Ray Ripley & Assoc	7222 James Ave S, Mpls	UN6-8682
NC	James E Elam	825 Harwyn Dr, Charlotte	
Ohio	Edwards-Lohse & Co	2120 E. 9th St, Cleve	TO1-5753
Pa	Brothers & Conneen Assoc	614 Dutton Circle, Springfield	KI3-8641
Tenn	Cartwright & Bean	560 S. Cooper, Memphis	CE7-2273
Tenn	David McCoy	560 S. Cooper, Memphis	CE7-2273
	LAMB ELECTRIC CO	**Lake St, Kent, Ohio**	**OR3-3451**
	E McIntyre #40 *700 G 1165		
•	**LAMBDA ELECTRONICS CORP**	**515 Broad Hollow Rd. Huntington, NY**	**MY4-4200**
	338-1135-1340		
•	**LAMBERT CO., INC**	**77 Sudbury St. Boston 14, Mass**	**RI2-0661**
	J Casillvie *11 C 1075-1530		
	LAMINAIR INC	**18530 S Broadway, Gardena, Cal**	**FA1-0545**
	S Harkins #1 *6 A 1135-1290		
	LAMINATED FABRICATORS	**1145 San Mateo Ave. San Bruno, Cal**	**JU3-5092**
	H Jacobs #2 *4 975-1190-1290-1295		
	LAMINATED SHEET PRODS CORP	**449 Neponset St, Norwood, Mass**	**NO7-3500**
	A Karlyn #3 *60 D 220-615-620-625-650-900-975-1100-1190-1245-1290-1295-1785-1940		
Conn	Laminated Sheet Products Co., Inc	66 Elm St, Milford, Conn	TR8-3591

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	LAMINATED SHIM CO., INC	**4601 Union St, Glenbrook, Conn**	**DA5-2631**
	240-280-1120-1125-1940		
	LAMINATIONS CO	**302 Main St, Stamford, Conn**	**FI8-7013**
	L Hodson A 1125		
	LA MOTTE CHEMICAL PRODS CO.	**Chestertown, Md**	**CH1000**
	465-895		
●	**LAMPKIN LABORATORIES, INC**	**Bradenton 1, Fla**	**6-4175**
	G Craig #4 *22 895		
For	Minthorne International Co	15 Moore St, New York 4, NY	BO9-6272
	LAMTEX INDUSTRIES INC	**Motor Ave. Farmingdale, NY**	**MY4-2000**
	M Segal #10 *133 45-120-190-620-850-900-1135-1190-1410		
Ariz	Western Engineering Co	1644 W Hatcher Rd. Phoenix	WI4-0431
Cal	George Ledbetter	16618 Ventura Blvd. Encino	ST9-8115
Cal	J E Hachten Co	1125 W Huntington Dr. Arcadia	HI6-0048
Colo	Western Engineering Co	1515 Cleveland Pl. Denver 2	AM6-2714
Conn	Northeast Engineering Co	3013 Dixwell Ave, Hamden	CH8-4481
Del	Keefe Electronics Co	228 E Kings Hwy. Haddonfield, NJ	HA9-4650
DC	Dan P Haines	706 Justin Way, Silver Spring, Md	JU5-3699
Kan	Associated Air Service	315 E Harry St. Wichita	
Md	Dan P Hains	706 Justin Way, Silver Springs	JU5-3699
Mass	Northeast Engineering Co	3013 Dixwell Ave. Hamden, Conn	CH8-4481
Minn	Kenneth L Tannehill	2532 25th Ave. Minneapolis 6	PA1-4470
Mo	Associated Air Service	Box 5, St Ann	HA8-1490
Nev	George Ledbetter	16618 Ventura Blvd. Encino, Cal	
NJ	Keefe Electronics Co	228 E Kings Hwy. Haddonfield	HA9-4650
NM	Western Engineering Co	1644 W Hatcher Rd. Phoenix, Ariz	WI4-0431
Ohio	Hollingsworth Enterprises	5999 Huberville Ave. Dayton 31	
Ore	James Findlay Co	Box 717, Bellevue, Wash	GL4-5200
Pa	Keefe Electronics Co	228 E Kings Hwy. Haddonfield, NJ	HA9-4650
RI	Northeast Engineering Co	3013 Dixwell Ave. Hamden, Conn	CH8-4481
Tex	Associated Air Service	137 Walnut Hill Village, Dallas	FL2-2083
Utah	Western Engineering Co	1644 W Hatcher Rd. Phoenix, Ariz	WI4-0431
Wash	James Findlay Co	Box 717, Bellevue	GL4-5200
Can	Fibrelam Sales Co	19A Thompson Ave. Toronto, Ont	BE3-8573
For	Dage Corp	219 E 44 St. New York 17, NY	MU2-6755
	LANCASTER GLASS CORP	**Lancaster 20, Ohio**	**OL3-0311**
	M Hoover #6 *525 F 900-995-1015-1290-1875		
Cal	Fred Alleman Co	1625 Blake Ave, Los Angeles 39, Cal	CA2-8128
NY	Lancaster Glass Corp	1107 Broadway, New York, NY	CH3-5750
	LANCE ANTENNA CORP	**1730-1802 First St, San Fernando, Cal**	**EM1-8645**
	M Mann #2 *40 D 45-1170		
Ariz	B-G Sales Co	305 E Indian School Rd. Phoenix	CR4-0060
Ark	J Earl Smith Co	Box 35331, Dallas, Tex	FL7-1727
Cal	Mueller Electronic Sales Co	9306 Santa Monica Blvd. Beverly Hills	BR2-8227
Cal	Barstow & Doran	1406 Grand Ave. Los Angeles	RI9-0438
Cal	Sinai-Johnson Inc	845 Jessie St, San Francisco, Cal	UN1-6259
Colo	Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	KE4-6751
Fla	Jack Geartner Co	235 Lincoln Rd. Miami Beach	JE1-0200
Haw	Av-Tronic Sales	Box 3354, Honolulu 1	504-138
Idaho	Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	RE4-6751
La	J Earl Smith Co	Box 35331, Dallas, Tex	FL7-1727
Mont	Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	KE4-6751
Neb	Nelson Co	710 E Louisiana St. Denver 10, Colo	KE4-6751
Nev	Sinai Johnson Inc	845 Jessie St, San Francisco, Cal	UN1-6259
NM	Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	KE4-6751
Okla	J Earl Smith Co	Box 35331, Dallas, Tex	FL7-1727
Ore	Don Smith Sales Co	2320 N 45th St. Seattle 3, Wash	ME3-3160
Tex	J Earl Smith Co	Box 35331, Dallas	FL7-1727
Utah	Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	KE4-6751
Wash	Don Smith Sales Co	2320 N 45th St. Seattle	ME3-3160
Wyo	Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	KE4-6751
For	Mort Haller	Box 1208, Miami 7, Fla	FR4-5225
	LAND-AIR INC	**7444 W. Wilson Ave, Chicago 31, Ill**	**UN7-7550**
	G Stock #150 *2500 G 20-45-185-190-200-338-895-1135-1165-1400-1425-1460-1845-1855-1870		
	LANDIS & GYR INC	**45 W. 45 St, New York 36, NY**	**JU6-4444**
	W Goody 895		
Ala	Ridge Instrument Co. Inc	208 Lincoln SE, Huntsville	JE9-8831
Ariz	Paul F Wiley Co	1632 Silverlake Blvd, L A 26, Cal	NO3-8028
Cal	Ault Associates	120 Santa Margarita Ave, Menlo Park, Cal	DA6-1760
Cal	Paul F Wiley Co	1632 Silverlake Blvd, Los Angeles 26	NO3-8028
Conn	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	245-9100
Fla	Ridge Instrument Co	162 Talmeda Rd, Oak Ridge, Tenn	OA5-3333
Ga	Ridge Instrument Co	162 Talmeda Rd, Oak Ridge, Tenn	OA5-3333
Ill	Charles Walsh Associates	P.O. Box 244, Deerfield, Ill	ID2-5330
Ind	Charles Walsh Associates	P.O. Box 244, Deerfield, Ill	ID2-5330
Iowa	Charles Walsh Associates	P.O. Box 244, Deerfield, Ill	ID2-5330
Ky	John Doerner Co	4125 Hamilton Ave. Cinc, Ohio	MU1-7624
Ky	Charles Walsh Associates	P.O. Box 244, Deerfield, Ill	ID2-5330
Me	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	245-9100
Mass	Dynamic Devices Inc	11 Albion St. Wakefield	245-9100
Mich	L H Dickelman Co	18450 Livernois Ave. Detroit 21	UN4-4376
Minn	Charles Walsh Associates	P.O. Box 244, Deerfield, Ill	ID2-5330
Mo	Charles Walsh Associates	P.O. Box 244, Deerfield, Ill	ID2-5330
Nev	P F Wiley Co	1632 Silverlake Blvd, Los Angeles, Cal	NO3-8028
Nev	Ault Assoc	120 Santa Margarita Ave. Menlo Park, Cal	DA6-1760
Nev	Ault Associates	120 Santa Margarita, Menlo Park, Cal	DA6-1760
NH	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	245-9100
NC	Ridge Instrument Co. Inc	Box 5014, Raleigh	
Ohio	John Doerner Co	4125 Hamilton Ave. Cinc	MU1-7624
Ohio	Henger-Fairfield Co	1812 Columbus Rd, Cleveland 13, Ohio	CH1-1018
RI	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	245-9100
SC	Ridge Instrument Co. Inc	140-20 E. Division Rd. Oak Ridge, Tenn	483-1311
Tenn	Ridge Instrument Co. Inc	140-20 E. Division Rd. Oak Ridge	483-1311
Vt	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	245-9100
Wisc	Charles Walsh Associates	P.O. Box 244, Deerfield, Ill	ID2-5330
	LANDSVERK ELECTROMETER CO	**641 Sonora Ave, Glendale 1, Cal**	**CH5-6687**
	D Collins #3 *100 D 220-255-895-1340		
	LANSING SOUND INC., JAMES B	**3249 Casitas Ave, Los Angeles 39, Cal**	**NO5-4101**
	55-530-840-1200-1675		
Alaska	Dave Champlin Co	12528-22nd N.E., Seattle 55, Wash	EM2-0401
Ariz	R L Vern Linsley	2902 N. Villa Ave, Phoenix, Ariz	AP8-2266
Ark	Maynard Sales Co	2013 Cedar Springs, Dallas 1, Tex	RI2-2027
Cal	Heaton-Marco Associates	413 Lathrop St, Redwood City, Cal	EM9-5277
Cal	Pacific Audio Sales Inc	1933 S. Broadway, Los Angeles 7, Cal	RI7-7314
Colo	Stan Culph & Associates	75 S. Cody Ct, Denver 15, Colo	BE3-6025
Conn	Paul W Nief Associates	15 Oak St, Westport, Conn	CA7-3834
Del	Gene Rosen & Associates Inc	9501 Wadsworth Dr, Bethesda 14, Md	OL6-6300
DC	Gene Rosen & Associates Inc	9501 Wadsworth Dr, Bethesda 14, Md	OL6-6300
Fla	Winfield Electronic Sales Co	696 N.E. 125th St, N. Miami, Fla	PL1-5966
Ill	Irving W Rose Associates	Merchandise Mart, Space 6-126, Chicago	SU7-5246
Iowa	Forristal-Young Sales Co	4053 Broadway, Kansas City, Mo	VA1-5330
Kan	Forristal-Young Sales Co	8147 Delmar Blvd, St. Louis, Mo	PA5-7701
Ky	F A Daugherty Co	6025 Mayfield Rd, Cleveland 24, Ohio	HI9-1122
La	Maynard Sales Co	2013 Cedar Springs, Dallas 1, Tex	RI2-2027
Me	Paul W Nief Associates	15 Oak St, Westport, Conn	CA7-3834
Md	Gene Rosen & Associates Inc	9501 Wadsworth Dr, Bethesda 14, Md	OL6-6300
Mass	Paul W Nief Associates	15 Oak St, Westport, Conn	CA7-3834
Mich	J Malcolm Flora Inc	45260 N. Territorial, Plymouth, Mich	GL3-4296
Mo	Forristal-Young Sales Co	8147 Delmar Blvd, St. Louis, Mo	PA5-7701
Neb	Forristal-Young Sales Co	4053 Broadway, Kansas City, Mo	VA1-5330
Nev	Heaton-Marco Associates	413 Lathrop St, Redwood City, Cal	EM9-5277
Nev	Pacific Audio Sales Inc	1933 S. Broadway, Los Angeles 7, Cal	RI7-7314
NH	Paul W Nief Associates	15 Oak St, Westport, Conn	CA7-3834
NJ	Jerry Greenberg Associates	16 Hudson St, New York 13, NY	WO4-7150
NM	R L Vern Linsley	2902 N. Villa Ave, Phoenix, Ariz	AP8-2256
NY	Jerry Greenberg Associates	16 Hudson St, New York 13, NY	WO4-7150
NY	Maury Farber Associates	71 W. Chippewa, Buffalo 2, NY	MO3543
Ohio	F A Daugherty Co	6025 Mayfield Rd, Cleveland 24, Ohio	HI9-1122
Okla	Maynard Sales Co	2013 Cedar Springs, Dallas 1, Tex	RI2-2027
Ore	Dave Champlin Co	12528-22nd N.E., Seattle 55, Wash	EM2-0401
Pa	F A Daugherty Co	6025 Mayfield Rd, Cleveland 24, Ohio	HI9-1122
RI	Paul W Nief Associates	15 Oak St, Westport, Conn	CA7-3834
Tex	Maynard Sales Co	2013 Cedar Springs, Dallas 1, Tex	RI2-2027
Tex	R L Vern Linsley	2902 N. Villa Ave, Phoenix, Ariz	AP8-2256
Utah	Stan Culph & Associates	75 S. Cody Ct, Denver 15, Colo	BE3-6025
Vt	Paul W Nief Associates	15 Oak St, Westport, Conn	CA7-3834
Va	Gene Rosen & Associates Inc	9501 Wadsworth Dr, Bethesda 14, Md	OL6-6300
Wash	Dave Champlin Co	12528-22nd N.E., Seattle 55, Wash	EM2-0401
W. Va	F A Dougherty Co	6025 Mayfield Rd, Cleveland 24, Ohio	HI9-1122
Wisc	Irving W Rose Associates	Space 6-126, Chicago, Ill	SU7-5246
Wyo	Stan Culph & Associates	75 S. Cody Ct, Denver 15, Colo	BE3-6025
Canada	Alex L Clark Ltd	3751 Bloor St, W., Islington, Ont, Canada	BE1-3303
Canada	Dave Champlin Co	12528-22nd N.E., Seattle 55, Wash	EM2-0401
Foreign	Ad Auriema Inc	85 Broad St, New York 4, NY	BO9-7751
	LANSKY DIE CUTTING CORP	**473 President St, Brooklyn 15, NY**	**UL2-5346**
	*90 D 55-900-1190		
	LAPOINTE INDUSTRIES, INC	**155 W. Main St, Rockville, Conn**	**TR5-3351**
	45-190-220-280-1135-1530-1885		
Ill	Sobel & Associates	7603 Forsyth Blvd, Clayton, Mo	PA6-4616
Iowa	Manufacturers' Sales Co	6301 Wayzata Blvd, Mnnpls, Minn	LI5-1223
Mich	Engineers & Equipment Co	18055 James Couzens Hwy, Detroit 35	DI1-5943
Minn	Manufacturers' Sales Co	6301 Wayzata Blvd, Mnnpls 16, Minn	LI5-1223
Mo	Sobel & Associates	7603 Forsyth Blvd, Clayton 5, Mo	PA6-4616
NJ	Varrelman-Gorman Co	Box 206, Livingston, NJ	IN3-5000
NY	Varrelman-Gorman Co	Box 206, Livingston, NJ	IN3-5000
Ohio	Engineers & Equipment Co	18055 James Couzens Hwy, Detroit, Mich	DI1-5943
Wisc	Manufacturers' Sales Co	6301 Wayzata Blvd, Minnpls, Minn	LI5-1223
●	**LAPP INSULATOR CO., INC., RADIO SPECIALTIES DIV**	**31 Gilbert St, Le Roy, NY**	**LE385**
	S Lapp #6 *820 G 175-220-240-905-1045-1890		
Cal	Earl S Condon Co	3450 Wilshire Blvd, Los Angeles, Cal	DU1-3951
Cal	D E Ingalls	1485 Bayshore Blvd, San Francisco, Cal	JU6-0332
DC	Rumsey Electric Co	1425 H St, N. W., Washington, DC	RE7-8117
Fla	Belcher & Association	8751 Atlantic Blvd, Jacksonville, Fla	RA4-7811
Fla	Belcher & Association	61 N.E. Second St, Miami, Fla	FR1-1700
Fla	Belcher & Associates	710 Central Ave, St Petersburg, Fla	7-7575
Hawaii	Honolulu Electric Prods Co Ltd	P.O. Box 459, Honolulu, Hawaii	
Ill	J S G Electric Co	6030 Northwest Hwy, Chicago, Ill	NE1-9500
Mass	James Kelso Co	80 Boylston St, Boston, Mass	HU2-3256
Mo	Williams & McKinley Sales Co	417 Grand Ave, Kansas City, Mo	GR1-6868
NY	Vincent J Brown Co	564 Ellicott Sq Bldg, Buffalo, NY	CL1122
NY	Joseph & Canning Inc	111 Broadway, New York, NY	CO7-0276
NY	Vincent J Brown Co	318 Harrison St, Syracuse, NY	GR1-3485
NC	Jake Rudisell Associates	1312 Myrtle Ave, Charlotte, NC	FR6-4792
Ohio	Harry Fisher Associates Inc	7016 Euclid Ave, Cleveland, Ohio	UT1-5757
Ohio	Harry Fisher Associates Inc	126 Portage Trail, Cuyahoga Falls, Ohio	WA8-1115
Ohio	Harry Fisher Associates Inc	6960 Market St, Youngstown, Ohio	SK8-4569
Pa	Rumsey Electric Co	1007 Arch St, Philadelphia, Pa	MA7-6900
Pa	Muller Harper & Associates Inc	First National Bank Bldg, Pittsburgh	AT1-5757
Tex	Elgin B Robertson Inc	1339 Plowman St, Dallas, Tex	WH2-3157
Tex	Elgin B Robertson Inc	4101 San Jacinto St, Houston, Tex	JA9-3797
Wash	C F James	905 Lloyd Bldg, Seattle, Wash	EL1531
Wisc	J S G Electric Co	2220 S. 108th St, Milwaukee, Wisc	LI3-7100
Canada	D T Shaw	2340 Lucerne Rd, Montreal, Quebec, Can	RI8-7010
Canada	H Peters	Box 33, Weston P.O., Toronto, Ontario, Canada	
	LARSON INSTRUMENT CO	**Greenbush Rd. Orangeburg, NY**	
	338-355-635-895-1460		
	LARSON MFG CO., R W	**Montville, NJ**	**DE4-2432**
	1285-1290		
	LAVEZZI MACHINE WORKS	**4635 W.Lake St, Chicago 44, Ill**	**ES8-1636**
	W Baird *50 C 755-1125		
Ill	A K Wanner	356 W. Huron, Chicago, Ill	SU7-4841
Ind	Jack Walsh	411 East Dr, Marshall, Mich	ST1-2322
Mich	Jack Walsh	411 East Dr, Marshall, Mich	ST1-2322
NY	Stephen Brand	1058 Southern Blvd. Bronx 59	DA9-6455
	LAVINO & CO., E J	**3 Penn Center Plaza, Philadelphia 2, Pa**	**LO8-2000**
	J Miller #50 *2,000 G 1125		
●	**LAVOIE LABORATORIES INC.**	**Morganville, NJ**	**LO6-2600**
	A Beckley #75 *400 895-1215-1395		
Ala	Taylor Engineering Inc	2100 S. Paul St, Baltimore 18, Md	BE5-9126
Ariz	The Kittleson Co	416 N. LaBrea Ave, Los Angeles 36, Cal	WE3-7371
Cal	The Kittleson Co	416 N. LaBrea Ave, Los Angeles 36	WE3-7371
Cal	Kittleson Co., The	809 San Antonio Rd. Palo Alto	DA6-7410
Conn	Michael S Coldwell	289 Fairfield Ave, Hartford, Conn	JA2-5832
Del	Taylor Engineering Inc	2100 St. Paul St, Baltimore 18, Md	BE5-9126
DC	Taylor Engineering Inc	2100 St. Paul St, Baltimore 18, Md	BE5-9126
Fla	Taylor Engineering Inc	711 Magnolia Ave, Orlando, Fla	CH1-2941
Ga	Taylor Engineering Inc	711 Magnolia Ave, Orlando, Fla	CH1-2941
Idaho	Burt C Porter	1209 Poplar Pl, Seattle 24, Wash	EA3-8330
Ill	R Edward Stemm Inc	5681 W. Lake St, Chicago, Ill	ES9-2700
Ill	Edwin H Murty	3505 Ridgedale Ave, St. Louis 20, Mo	JE1-2075
Ind	Electro Sales Assoc	Dabel Sta. Box 143, Dayton 20, Ohio	CH4-5551
Ind	R Edward Stemm Inc	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Ind	Electro Sales Association	281 E. 216th St, Euclid 23, Ohio	RE2-7444
Iowa	Edwin H Murty	3505 Ridgedale Ave, St. Louis 20, Mo	JE1-2075
Kan	Edwin H Murty	3505 Ridgedale Ave, St. Louis 20, Mo	JE1-2075
Ky	Taylor Engineering Inc	2100 St. Paul St, Baltimore 18, Md	BE5-9126
La	Taylor Engineering Inc	2100 St. Paul St, Baltimore 18, Md	BE5-9126
Me	Michael S Coldwell	289 Fairfield Ave, Hartford, Conn	JA2-5832
Md	Taylor Engineering Inc	2100 St. Paul St, Baltimore 18, Md	BE5-9126
Mass	Michael S Coldwell	41 Lancaster Rd, Needham 92, Mass	HI4-1142
Mich	Electro Sales Assoc	15124 Mack Ave, Detroit 24	TU5-2280
Mich	Electro Sales Association	3610 Weiherman Rd, Mt. Clemens, Mich	HO8-2461
Minn	R Edward Stemm Inc	1211 S. 3rd St, Minneapolis 1, Minn	FE5-7172
Miss	Taylor Engineering Inc	2100 St. Paul St, Baltimore 18, Md	BE5-9126
Mo	Edwin H Murty	3505 Ridgedale Ave, St. Louis 20, Mo	JE1-2075
Mont	Burt C Porter	1209 Poplar Pl, Seattle 24, Wash	EA3-8330
Neb	Edwin H Murty	3505 Ridgedale Ave, St. Louis 20, Mo	JE1-2075
Nev	The Kittleson Co	416 N. LaBrea Ave, Los Angeles 36, Cal	WE3-7371
NH	Michael S Coldwell	289 Fairfield Ave, Hartford, Conn	JA2-5832
NJ	Louis A Garten & Assoc	375 Passaic Ave, Caldwell, NJ	CA6-7800
NM	The Kittleson Co	1511 Lincoln Ave, Alamogordo, NM	HE7-2780
NY	J A Reagan Co., Inc	45 N. Lake Ave, Albany 3, NY	AL6-9649
NY	Louis A Garten & Assoc	375 Passaic Ave. Caldwell, NJ	CA6-7800
NC	Taylor Eng. Inc	3204 Sherwood Dr, Greensboro	BR2-0511
Ohio	Electro Sales Assoc	335 E 200 St. Cleveland 19	RE2-7444
Ohio	Electro Sales Association	281 E 216th St. Euclid 23, Ohio	RE2-7444
Ohio	Electro Sales Association	Dabel Sta, Box 143, Dayton 20, Ohio	CH4-5551
Okla	Mitchell Speairs Co	4544 James Ave, Fort Worth 15, Tex	WA6-4444
Ore	Burt C Porter	1209 Poplar Pl, Seattle 24, Wash	EA3-8330
Pa	L A Garten & Associates	730 Washington Ln, Jenkintown, Pa	WA7-1200
Pa	Electro Sales Association	281 E. 216th St, Euclid 23, Ohio	RE2-7444
RI	Michael S Coldwell	289 Fairfield Ave, Hartford, Conn	JA2-5832
SC	Taylor Engineering Inc	2100 St. Paul St, Baltimore 18, Md	BE5-9126
Tenn	Taylor Engineering Inc	2100 St. Paul St, Baltimore 18, Md	BE5-9126
Tex	Mitchell Speairs Co	4544 James Ave, Ft. Worth 15, Tex	WA6-4444
Vt	Michael S Coldwell	289 Fairfield Ave, Hartford, Conn	JA2-5832
Va	Taylor Engineering Inc	2100 St. Paul St, Baltimore 18, Md	BE5-9126
Wash	Burt C Porter	1209 Poplar Pl, Seattle 24, Wash	EA3-8330
W. Va	Taylor Engineering Inc	2100 St. Paul St, Baltimore 18, Md	BE5-9126
Wisc	R Edward Stemm Inc	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Canada	Instronics Ltd	Box 100, Stittsville, Ontario, Canada	TA8-1253
Can	Instronics Ltd	21 Benleigh Dr, Scarborough, Ont	AX3-7806
For	Instronics Ltd	4912-26th Ave. Calgary, Alta	CH9-8162
For	Instronics Ltd	113 Westhmp, Pt. Claire, P Q	OX5-6581
Foreign	Rocke Int'l Corp	13 E. 40th St, New York 16, NY	MU9-0200
	LAWRENCE ADHESIVE & CHEMICAL CO INC	**19 S Canal St, Lawrence, Mass**	**MU2-0839**
	W LeBrun #2 *15 B 120-265-315-585-715-900-1260-1290-1565-1785		
	LEACH CORP	**18435 Susana Rd, Compton, Cal**	**NE6-1061**
	R Jeanne #147 *900 G 15-330-360-365-895-915-1135-1150-1340-1425-1435-1455-1460-1810		
Cal	Leach Corp	814 San Antonio Rd, Palo Alto	YO8-4408
Cal	Leach Corp	1101 Wilshire Blvd. L A	HU2-0790
Colo	Brown Technical & Associated Sales	130 S. Yarrow St, Lakewood 15, Colo	BE7-3467
DC	F R Jodon Inc	8510 Beech Tree Rd, Wash 14, DC	
Fla	H R Gross & Co	619 Riverside Dr, Ormond Beach	
Fla	E G Holmes & Assoc	1220 Edgewater Dr, Orlando	
Ga	E G Holmes & Associates	4969 Roswell Rd, N.E., Atlanta, Ga	BL5-6660
Ga	A C Craft & Associates	3130 Maple Dr, Atlanta 5, Ga	CE3-9944
Ill	Leroy W Beier Co	6518 W. North Ave, Chicago, Ill	BE7-2420
La	Electron Eqpt Co, Inc	2418 Calhoun St, New Orleans	
Md	F R Jodon, Inc	2408 Burridge Rd, Baltimore	
Md	F R Jodon Inc	2408 Burridge Rd, Baltimore, Md	NO8-1933
Md	Leo T McCourt & Son	610 Washington Ave, Towson, Md	VA3-3455
Mich	J P Kosta Co	PO 292, Birmingham	
Mich	George R Horne & Co	22187 W. Michigan, Dearborn, Mich	LO1-1360
Minn	Dictation Systems, Inc	3405 University Ave. SE, Mnpls	
Minn	Kenneth L Tannehill Inc	2534 25th Ave, S., Minneapolis 6, Minn	PA1-5563
Mo	H A Roes & Co	2601 Cherry, Kansas City 8, Mo	BA1-0866
Mo	Harris-Hanson Co	2814 S. Brentwood Blvd, St. Louis, Mo	MI7-4350
Mo	Harris-Hanson Co	7916 Paseo Ave, Kansas City 30, Mo	HI4-9494
NJ	Kenneth E Hughes Co	4818 Bergenline Ave, Union City, NJ	UN7-3204
NJ	Billis Sales Co	50 Ballad Ln, Levittown, NJ	TR7-3417
NY	Leach Corp	405 Lexington	YU6-2520
NY	Naylor Electric Co	1718 Erie Blvd, Syracuse 3, NY	GR2-9183
NC	E G Holmes & Assoc	440 W Market St. Greensboro	
Ohio	Leach Corp	333 W 1st St, Dayton	BA2-8652
Pa	Kenneth E Hughes Co	101 N. 33rd St, Philadelphia 4, Pa	EV6-3130
Tex	Jo-Joyce Eng Sales Corp	137 Walnut Hill Village, Dallas	
Tex	Dannemiller-Smith Inc	6218-B Westminster Rd, Houston, Tex	HO5-8347
Tex	Dannemiller-Smith Inc	2712 W. Mockingbird Ln, Dallas, Tex	FL7-8249
Wash	Leach Corp	S Arpt Annex, Boeing Field, Seattle	PA5-6978
Canada	Brian Engineering Ltd	5275 Van Horne Ave, Montreal, P Q, Can	RE7-2800
●	**LEACH & GARNER CO. INDUSTRIAL DIV**	**55 School St. Attleboro, Mass**	**CA2-1155**
	G Tucci #3 *200 G 1125-1635-1885-1960		
Ariz	Ken Babin	4287 Klump Ave, N. Hollywood, Cal	TR7-4219
Cal	Ken Babin	4287 Klump Ave, N. Hollywood, Cal	TR7-4219
Colo	Ken Babin	4287 Klump Ave, N. Hollywood, Cal	TR7-4219
Conn	Norman Curtis	P.O. Box 307, Taunton, Mass	VA2-7010
Del	Sol Greenbaum	608 Fifth Ave, New York, NY	CI5-8090
DC	Sol Greenbaum	608 Fifth Ave, New York, NY	CI5-[illegible]

● INDICATES ADVERTISERS IN THIS ISSUE

TERR			TEL. NO.
Idaho	Roger Snow	400 Landmeier Rd, Elk Grove Village, Ill	HE7-0119
Ill	Roger Snow	400 Landmeier Rd, Elk Grove Village, Ill	HE7-0119
Ind	Roger Snow	400 Landmeier Rd, Elk Grove Village, Ill	HE7-0119
Iowa	Roger Snow	400 Landmeier Rd, Elk Grove Village, Ill	HE7-0119
Kan	Roger Snow	400 Landmeier Rd, Elk Grove Village, Ill	HE7-0119
Ky	Schenck & Brower Associates	2363 W. Schantz Ave, Dayton 9, Ohio	AX9-4144
Me	Norman Curtis	P.O. Box 307, Taunton, Mass	VA2-7010
Md	San Greenbaum	608 Fifth Ave, New York, NY	CI5-8090
Mass	Norman Curtis	P.O. Box 307, Taunton, Mass	VA2-7010
Mich	Jerry Gibre & Co	12909 W. Eight Mile Rd, Detroit 35, Mich	DI1-9270
Minn	Roger Snow	400 Landmeier Rd, Elk Grove Village, Ill	HE7-0119
Mo	Roger Snow	400 Landmeier Rd, Elk Grove Village, Ill	HE7-0119
Mont	Ken Batin	4287 Klump Ave, N. Hollywood, Cal	TR7-4219
Neb	Roger Snow	400 Landmeier Rd, Elk Grove Village, Ill	HE7-0119
Nev	Ken Batin	4287 Klump Ave, N. Hollywood, Cal	TR7-4219
NH	Norman Curtis	P.O. Box 307, Taunton, Mass	VA2-7010
NJ	San Greenbaum	608 Fifth Ave, New York, NY	CI5-8090
NM	Ken Batin	4287 Klump Ave, N. Hollywood, Cal	TR7-4219
NY	San Greenbaum	608 Fifth Ave, New York, NY	CI5-8090
NC	San Greenbaum	608 Fifth Ave, New York, NY	CI5-8090
ND	Ken Batin	4287 Klump Ave, N. Hollywood, Cal	TR7-4219
Ohio	Ed Rock & Associates	3725 W. 212th St, Cleveland 26, Ohio	ED1-4822
Ohio	Schenck & Brower Associates	2363 W. Schantz Ave, Dayton 9, Ohio	AX9-4144
Okla	Ken Batin	4287 Klump Ave, N. Hollywood, Cal	TR7-4219
Ore	Ken Batin	4287 Klump Ave, N. Hollywood, Cal	TR7-4219
Pa	San Greenbaum	608 Fifth Ave, New York, NY	CI5-8090
RI	Norman Curtis	P.O. Box 307, Taunton, Mass	VA2-7010
SC	San Greenbaum	608 Fifth Ave, New York, NY	CI5-8090
SD	Roger Snow	400 Landmeier Rd, Elk Grove Village, Ill	HE7-0119
Tex	Ken Batin	4287 Klump Ave, N. Hollywood, Cal	TR7-4219
Utah	Ken Batin	4287 Klump Ave, N. Hollywood, Cal	TR7-4219
Vt	Norman Curtis	P.O. Box 307, Taunton, Mass	VA2-7010
Va	San Greenbaum	608 Fifth Ave, New York, NY	CI5-8090
Wash	Ken Batin	4287 Klump Ave, N. Hollywood, Cal	TR7-4219
W. Va	Schenck & Brower & Associates	2363 W. Schantz Ave, Dayton 9, Ohio	AX9-4144
Wisc	Roger Snow	400 Landmeier Rd, Elk Grove Village, Ill	HE7-0119
Wyo	Ken Batin	4287 Klump Ave, N. Hollywood, Cal	TR7-4219

LEAK AUDIO PRODUCTS ... 80 Shore Rd, Pt. Washington, NY ... PO7-7700
895-1095
Sales Representatives: See Garrard Sales Corp

LEAMAN, LOUIS ... 26 Columbia St. Brookline 46, Mass ... AS7-2255
L Leaman #1 *2 A 585-1155

LEAR, INC ... 3171 S. Bundy Dr, Santa Monica, Cal ... EX1-7211
#1,700 *5,649 G 20-35-150-215-220-235-240-310-325-330-338-360-365-440-475-565-670-775-780-805-895-900-930-995-1075-1135-1150-1155-1165-1425-1510-1550-1555-1560-1810-1870-1920

TERR			TEL. NO.
Cal	Lear, Inc	257 Town & Country Vlg, Un 4, Palo Alto	DA1-1502
Cal	Lear, Inc	3445 5th Ave, San Diego, Cal	CY8-4395
Conn	Lear, Inc	1700 Summer St, Stamford, Conn	DA5-4151
DC (West)	Lear, Inc	1700 K St N.W., Washington 6, DC	ST3-3646
Fla	Lear Inc	4471 NW 36th St, Miami Springs	TU75361
Ga	Lear, Inc	3025 Peachtree Rd N.E., Atlanta 9, Ga	TR5-9124
Kan	Lear Inc	6400 E. Kellogg, Wichita	MU2-7141
Mich	Lear, Inc	110 Ionia St N.W., Grand Rapids 2, Mich	GL1-1542
Mo	Lear, Inc	Box 6092, Lambert Arpt Br, St Louis 21	PE1-3069
NY	Lear Inc	Box 93 LaGuardia Airport St, Flushing	DE5-5546
Ohio	Lear, Inc	333 W. First St, Dayton 2, Ohio	BA1-5524
Pa	Lear Inc	6700 Allentown Blvd, Harrisburg	KI5-4211
Tex	Lear, Inc	6300 Camp Bowie Blvd, Forth Worth, Tex	PE8-2571
Wash	Lear, Inc	Box 60, Boeing Field, Seattle 8, Wash	PA3-6274

LEAR-ROMEC DIV LEAR INC ... Abbe Rd, Elyria, Ohio ... FA3-3211
J McKeighan #78 *500 F 20-370-825-1165-1375-1735-1920

TERR			TEL. NO.
Cal	Lear Inc. Lear-Romec Div	3171 S Bundy Dr, Santa Monica	EX1-7271
Conn	Lear Inc. Lear-Romec Div	1700 Summer St, Stamford	DA5-4151
DC	Lear Inc. Lear-Romec Div	1701 "K" St, Washington	ST3-3646
Ga	Lear Inc. Lear-Romec Div	3025 Peachtree Rd, NE, Atlanta	TR5-9214
Kan	Lear Inc. Lear-Romec Div	6401 E Kellogg, Wichita	MU2-7141
Tex	Lear Inc. Lear-Romec Div	6100 Camp Bowie Blvd, Ft Worth	PE8-2571

LECLANCHE S. A ... Yverdon, Switzerland ... 024-24721
*20 *600 70-220-895

LECTROHM INC ... 5560 Northwest Hwy, Chicago 30, Ill ... RO3-1700
J Rinaldi D 1475

TERR			TEL. NO.
Ala	Atcheson & Adams	601 N. Elm St, Greensboro, NC	
Ark	Maynard Sales Co	2013 Cedar Springs, Dallas 1, Tex	
Cal	Logan Sales Co	154 8th St, San Francisco, Cal	
Cal	George S Troy	2200 W. 11th St, Los Angeles 6, Cal	
Conn	Abbott & Hustis	P.O. Box 293, Needham 92, Mass	
Del	Alan W Cohen	6203 Ridge Ave, Philadelphia, Pa	
DC	Electronic Wholesalers	2345 Sherman Ave, N.W., Washington	
Fla	Atcheson & Adams	601 N. Elm St, Greensboro, NC	
Ga	Atcheson & Adams	601 N. Elm St, Greensboro, NC	
Ill	Rinaldi Sales	5560 Northwest Hwy, Chicago 30, Ill	
La	Maynard Sales Co	2013 Cedar Springs, Dallas 1, Tex	
Me	Abbott & Hustis	P.O. Box 293, Needham 92, Mass	
Md	Electronic Wholesalers	2345 Sherman Ave, N.W., Washington, DC	
Mass	Abbott & Hustis	Box 293, Needham 92, Mass	
Mich	Rinaldi Sales	5560 Northwest Hwy, Chicago 30, Ill	
Mich	Carl H Schmidt Co	18408 W. 8 Mile Rd, Detroit, Mich	
Miss	Atcheson & Adams	601 N. Elm St, Greensboro, NC	
Nev	Logan Sales Co	154 8th St, SF, Cal	
NH	Abbott & Hustis	P.O. Box 293, Needham 92, Mass	
NJ	Paul D Aaron	Professional Bldg, Port Washington, NY	
NJ	Alan W Cohen	6203 Ridge Ave, Philadelphia, Pa	
NJ	Arthur W Harris	4204 159th, Flushing 58, NY	
NY	Arthur W Harris	4204 159th, Flushing 58, NY	
NY	Paul D Aaron	Professional Bldg, Port Washington, NY	
NY	Fowler & Beach	3700 East Ave, Rochester 8, NY	
NC	Atcheson & Adams	601 N. Elm St, Greensboro, NC	
Ohio	Carl H Schmidt Co	18408 W. 8 Mile Rd, Detroit, Mich	
Ohio	Robert R Stone & Associates	1925 Lee Rd, Cleveland Heights, Ohio	
Okla	Maynard Sales Co	2013 Cedar Springs, Dallas 1, Tex	
Pa	Alan W Cohen	6203 Ridge Ave, Philadelphia, Pa	
Pa	Robert R Stone & Associates	1925 Lee Rd, Cleveland Heights, Ohio	
Pa	Fowler & Beach	3700 East Ave, Rochester 8, NY	
SC	Atcheson & Adams	601 N. Elm St, Greensboro, NC	
Tenn	Atcheson & Adams	601 N. Elm St, Greensboro, NC	
Tex	Maynard Sales Co	2013 Cedar Springs, Dallas 1, Tex	
Vt	Abbott & Hustis	P.O. Box 293, Needham, Mass	
Va	Electronics Wholesalers	2345 Sherman Ave, N.W., Washington, DC	
W. Va	Robert R Stone & Associates	1925 Lee Rd, Cleveland Heights, Ohio	
Wis	F C DuBois & Assoc	5015 W Wisconsin Ave, Milwaukee	

LEDEX INC ... 123 Webster St, Dayton 2, Ohio ... BA4-9091
R Mercer #11 *300 E 20-1165-1445-1460-1645-1735

TERR			TEL. NO.
Ala	Alton Flaugher & Assoc	305 N 90th St, Birmingham 6	VE3-5231
Cal	Ledex Inc	4031 1/4 Leimert Blvd, Los Angeles, Cal	AX2-9183
Cal	C R Dalton Associates	1037 Laurel St, San Carlos, Cal	LY1-2554
Colo	Hyde Electronics Co	888 S. Lipan St, Denver, Colo	WE6-3456
Conn	K C Stevens	235 Bedford St, Lexington, Mass	VO2-1812
Del	V Malta	P.O. Box 4007, Philadelphia, Pa	VE6-5122
DC	V Malta	P.O. Box 4007, Philadelphia, Pa	VE6-5122
Fla	Alton Flaugher & Assoc	4131 Helena St NE, St Petersburg	51-6082
Ga	Alton Flaugher & Assoc	305 N 90th St, Birmingham 6, Ala	VE3-5231
Idaho	Hyde Electronics Co	888 S. Lipan St, Denver, Colo	WE6-3456
Ill	Bierhaus-Dalton Sales Inc	7185 W. Armitage, Chicago 35, Ill	TU9-5011
Ind	Thomas G DeHamy	Box 7, Centerville, Ohio	TU5-2935
Iowa	John Loucks	10 Thorncliff Ln, Kirkwood 22, Mo	YO5-6801
Kan	John Loucks	10 Thorncliff Ln, Kirkwood 22, Mo	YO5-6801
Ky	Lee Sales Co	4447 Needmore Rd, Dayton 24, Ohio	BE3-1575
Me	K C Stevens	235 Bedford St, Lexington 73, Mass	VO2-1812
Md	V Malta	P.O. Box 4007, Philadelphia, Pa	VE6-5122
Miss	K C Stevens	235 Bedford St, Lexington, Mass	VO2-1812
Mich	James P Kosta Jr	Box 292, Birmingham, Mich	MI6-9151
Minn	E A Dickinson & Associates	4117 N. Green Bay Ave, Milwaukee 9, Wisc	CO4-1080
Mo	John Loucks	10 Thorncliff Ln, Kirkwood 22	YO5-6801
Mont	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Neb	John Loucks	10 Thorncliff Ln, Kirkwood 22, Mo	YO5-6801
Nev	C R Dalton Associates	1037 Laurel St, San Carlos, Cal	LY1-2554
NH	K C Stevens	235 Bedford St, Lexington 73, Mass	VO2-1812
NJ	Victor S Malta	Box 4007, Philadelphia 18, Pa	VE6-5122
NJ	Ledex Inc	753 Bergen Blvd, Ridgefield	WH5-1840
NM	Hyde Electronics Co	5206 Constitution Ave, Albuquerque, NM	AM8-1111
NY	Ledex Inc	753 Bergen Blvd, Ridgefield, NJ	WH5-1840
NY	L P Carter	4116 Darlington Rd, Syracuse	GR1-8850
NC	Alton Flaugher & Assoc	305 N 90th St, Birmingham 6, Ala	VE3-5231
Ohio	Thomas G DeHamy	Box 7, Centerville, Ohio	TU5-2935
Okla	Koch Engineering & Sales Co	309 Meadows Bldg, Dallas 6, Tex	EM1-1765
Ore	Testco	Boeing Field, Seattle 8, Wash	PA3-9000
Pa	V Malta	P.O. Box 4007, Philadelphia, Pa	VE6-5122
Pa	Russell F Clark Co	3408 Clark Bldg, Pittsburgh 22	AT1-8085
RI	K C Stevens	235 Bedford St, Lexington 73, Mass	VO2-1812
SC	Alton Flaugher & Assoc	305 N 90th St, Birmingham 6, Ala	VE3-5231
Tenn	Alton Flaugher & Assoc	305 N 90th St, Birmingham 6, Ala	VE3-5231
Tex	Koch Engineering & Sales Co	309 Meadows Bldg, Dallas 6, Tex	EM1-1765
Utah	Hyde Electronics Co	3803 Conrad St, Salt Lake City 9, Utah	IN7-5763
Vt	K C Stevens	235 Bedford St, Lexington 73, Mass	VO2-1812
Va	V Malta	P.O. Box 4007, Philadelphia 18, Pa	VE6-5122
Wash	Testco	Boeing Field, Seattle 8	PA3-9000
Wisc	E A Dickinson & Associates	4117 N. Green Bay Ave, Milwaukee, Wisc	CO4-1080
Wyo	Hyde Electronics Co	888 S. Lipan St, Denver Colo	WE6-3456
For	Appareillage Electro-Mecanique, G.P.	125 Ave. J.B. Clement Boulogne S/Seine, Fr	
Foreign	NSF Limited	31-32 Alfred Pl, London WC 1, England	
Canada	Marsland Engineering Ltd	394 Victoria St, Kitchener, Ontario	SH5-3466

LEE ELECTRIC INC ... 566-52nd St, West New York, NJ ... UN6-3656
D Harrison #1 C 40-320-1855

TERR			TEL. NO.
Colo	Bach Associates	151 Oneida St, Denver, Colo	
Fla	Electra Mfgrs Agents	3030 N W 40th St, Miami, Fla	NE3-6375
Ga	D D Camp Co	1818 Broadwell St SW, Atlanta, Ga	758-1846
Ill	John R Smith & Co	8212 S Bishop St, Chicago 20, Ill	ST3-6237
La	Weilbaecher & Kennedy	620 Droit St, New Orleans, La	
Mass	A M Rudolph Co	75 Woodchester Dr, Chestnut Hill, Mass	LA7-1918
Mo	Ajax Electric Sales Co	1828 S. 18th St, St. Louis, Mo	
NY	Electrical Mfrs Sales Co	227 E 38th St, New York, NY	OX7-5636
Ohio	Verne Lalalie Co	1440 W 112th St, Cleveland, Ohio	CH1-3788
Pa	J Friedman Associates	Park Dr Manor, Lincoln Dr, Philadelphia 44, Pa	
Tenn	Jim Hash & Co	35 Jamestown Lane, Knoxville, Tenn	
Tex	Tom Harrison Co	5523 Dyer St, Dallas	EM8-2968

LEE ELECTRIC & MFG CO ... 2800 Clearwater St, Los Angeles 39, Cal ... NO3-1295
255-895-1135-1340-1455-1460

TERR			TEL. NO.
Cal	Robert Young Co	2861 San Fernando Rd, Glendale 4, Cal	CH5-3721
Cal	H P Kasewet	750 Natoma St, San Francisco 3, Cal	HE1-0404

LEECRAFT MFG CO., INC ... 60 Greene St, Dept 18, New York 12, NY ... WO6-2855
D Kaye #10 *500 990-1630

LEEDS & NORTHRUP CO ... 4970 Stenton Ave, Philadelphia 44, Pa ... DA9-4900
H Scott #400 *3000 G 338-345-360-735-895-1475-1735-1795-1850-1960

TERR			TEL. NO.
Ariz	Leeds & Northrup Co	Phoenix, Ariz	BR3-2540
Cal	Leeds & Northrup Co	San Diego	BE3-0003
Cal	Leeds & Northrup Co	1190 Monterey Pass Rd, Monterey Park	AN8-3191
Cal	Leeds & Northrup Co	1095 Market St, San Francisco 3, Cal	MA1-3464
Colo	Leeds & Northrup Co	2442 S Downing St, Denver 10	SH4-1347
Conn	Leeds & Northrup Co	2505 Albany Ave, Hartford 17, Conn	AD2-4474
DC	Leeds & Northrup Co	Washington	EN1-6150
Ga	Leeds & Northrup Co	3084 Grandview Ave, N.E., Atlanta 5, Ga	CE7-4624
Ill	Leeds & Northrup Co	Davenport	DA5-6423
Ill	Leeds & Northrup Co	101 S Washington St, Park Ridge	TA5-4402
Ind	Leeds & Northrup Co	8231-A Calumet Ave, Munster	TE6-5570
Ind	Leeds & Northrup Co	1050 Broad Ripple Ave, Indpls 20	CL5-3108
Iowa	Leeds & Northrup Co	Des Moines	CH3-6081
La	Leeds & Northrup Co	Baton Rouge	WA4-4471
Md	Leeds & Northrup Co	311 E. Pennsylvania Ave, Towson 4, Md	VA5-7710
Mass	Leeds & Northrup Co	400 Lexington St, Auburndale 66, Mass	LA7-3960
Mich	Leeds & Northrup Co	18040 James Couzens Hwy, Detroit 35	DI1-1020
Mich	Leeds & Northrup Co	Grand Rapids	CH5-1853
Minn	Leeds & Northrup Co	Minneapolis	UN9-1350
Mo	Leeds & Northrup Co	7905-A1 State Line Rd, Kansas City 14	JA3-4038
Mo	Leeds & Northrup Co	8000 Bonhomme Ave, St. Louis 5, Mo	PA6-3853
NJ	Leeds & Northrup Co	99 Washington St, E. Orange, NJ	OR2-3420
NY	Leeds & Northrup Co	711 Third Ave, New York 17, NY	MU7-4133
NY	Leeds & Northrup Co	3685 Harlem Rd, Buffalo 15	TF6-8900
NY	Leeds & Northrup Co	Albany	UN9-9079
NY	Leeds & Northrup Co	Syracuse, NY	GI6-4549
NC	Leeds & Northrup Co	Winston-Salem, NC	PA3-0693
Ohio	Leeds & Northrup Co	1465 Northwest Blvd, Columbus 21, Ohio	HU6-7146
Ohio	Leeds & Northrup Co	1922 E. 107th St, Cleveland 6, Ohio	SW1-5100
Ohio	Leeds & Northrup Co	6085 Plainfield Rd, Cincinnati 36, Ohio	SY1-2274
Okla	Leeds & Northrup Co	9 E 4th St, Tulsa	LU7-3720
Ore	Leeds & Northrup Co	Portland, Ore	CA8-1004
Pa	Leeds & Northrup Co	Ft. Wash Industrial Park, Ft., Wash, Pa	MI6-5500
Pa	Leeds & Northrup Co	300 Mt. Lebanon Blvd, Pittsburgh 34, Pa	LO1-7900
Tex	Leeds & Northrup Co	3939 Essex Ln, Houston 27, Tex	MO7-7490
Tex	Leeds & Northrup Co	100 Exchange Pk N, Dallas 35	FL7-6761
Utah	Leeds & Northrup Co	455 E. 4th S., Salt Lake City 11, Utah	DA8-8861
Va	Leeds & Northrup Co	Richmond, Va	MI4-8275
Wash	Leeds & Northrup Co	1311 Republican St, Seattle 9, Wash	MA3-5505
Wisc	Leeds & Northrup Co	829 N. Broadway, Milwaukee 2, Wisc	BR3-1016

LEESONA CORP ... Box 6088, Providence 4, RI ... WI1-5200
W Crocker #135 *1500 G 1075

TERR			TEL. NO.
Cal	E G Paules Co	1362 N. Vernon Ave, Los Angeles, Cal	
Ill	Leesona Corp	9 S. Clinton, Chicago 6, Ill	
Pa	Leesona Corp	1500 Walnut St, Philadelphia 2, Pa	

LEHIGH METAL PRODUCTS CO ... 134 Alewife Brook Pkwy, Cambridge, Mass ... UN4-9500
R Di Rico *75 E 1205-1535-1940

LEIGHTON LABS., H W ... Sunset La & York Rd, Hatboro, Pa ... OS5-3300
G Bergman 895

LEMAN BROS. INC ... 146-181 Christie St. Newark 1, NJ ... MA3-7520
J Whipp *75 D 1375

TERR			TEL. NO.
Ariz	Simonds Pump Co	455 E. 4th St, Los Angeles, Cal	
Cal	Simonds Pump Co	455 E. 4th St, Los Angeles 13, Cal	
Cal	Simonds Machinery Co	816 Folsom St, San Francisco 7, Cal	
Conn	Ober Co	Mt. Carmel, P.O. Box 56, New Haven 18, Conn	
Fla	Southeastern States Engineering Co	13325 Gulf Blvd, St. Petersburg, Fla	
Ill	Squire-Cogswell Co	4151 N. Kedzie Ave, Chicago 18, Ill	
Ind	Jackson Engineering Co., Inc	P.O. Box 88125, Indianapolis 8, Ind	
Iowa	T O Bermau Co	2204 E. 25th St, Minneapolis 4, Minn	
Kan	Baker Engineering & Equipment Co	702 W. Douglas, Wichita, Kan	
Ky	E C Werner	2555 Auburn Ave, Cinc, Ohio	
Me	Ober Co	Mt. Carmel, P.O. Box 56, New Haven 18, Conn	
Mass	Ober Co	Mt. Carmel, P.O. Box 56, New Haven 18, Conn	
Mich	Industrial Air & Hydraulic Equip Co	13324 Hazelwood Ave, Detroit 15, Mich	
Minn	T O Bermau Co	2204 E. 25th St, Minneapolis 4, Minn	
Mo	Baker Fluid Power Inc	3020 Summit St, Kansas City 11, Mo	
Mo	James B Flaherty & Co	P.O. Drawer D, St. Louis 19, Mo	
NH	Ober Co	Mt. Carmel, P.O. Box 56, New Haven 18, Conn	
NY	Frank X Mombach	225 Sagamore Dr, Rochester 17, NY	
NC	Critts & Saunders Engineering Inc	235 N. Main St, Winston-Salem, NC	
Ohio	Great Lakes Supply Co	4135 E. 128th St, Cleveland 5, Ohio	
Ohio	Ohio Pump Co	384 Aetna St, Salem, Ohio	
Ohio	Ind. Air & Hydraulic Eqpt. Co	Toledo	
Ohio	E C Werner	2555 Auburn Ave, Cincinnati	
Pa	Magnus Co	P.O. Box 7943, Pittsburgh 16, Pa	
Pa	Link Engineering Co	P.O. Box 303, Narberth, Pa	
RI	Ober Co	Mt. Carmel, P.O. Box 56, New Haven 18, Conn	
SC	Critts & Saunders Engineering Inc	235 N. Main St, Winston-Salem, NC	
Tenn	Critts & Saunders Engineering Inc	235 N. Main St, Winston-Salem, NC	
Tex	Southwestern Controls	5630 Urbana St, Houston	
Utah	Utesco	130 S. 13th St, Salt Lake City	
Vt	Ober Co	Mt. Carmel, P.O. Box 56, New Haven 18, Conn	
Va	Critts & Saunders Engineering Inc	235 N. Main St, Winston-Salem, NC	
Wash	Western Sales Engineers Inc	3441 Iowa Ave, Seattle	
W. Va	Magnus Co	P.O. Box 7943, Pittsburgh 16, Pa	
Wisc	Squire-Cogswell Co	4151 N. Kedzie Ave, Chicago 18, Ill	
For	F I C	Buenos Aires, Arg	

LEITCH-HUARD CORP ... Stark & Commercial Sts. Manchester, NH ... NA3-4773
D Leitch #3 *78 D 90-180-895

TERR			TEL. NO.
Ariz	Kinney Materials Handling Eqpt. Inc	929 Grand Ave. Phoenix	AL8-2779
Cal	Wall Brothers	2343 Saybrook Ave, LA 22	RA3-1880
Cal	Ideal Storage Eqpt. Co	1801 E. 14th St, Oakland	
Colo	Andrew T Lobel	1700 15th St, Denver	
Conn	Peter Johnson	Box 424, Wilton	PO2-3080
Mass	Jack Bellmar	25 Cresthaven Dr, Burlington	BR2-3890
NJ	Peter Johnson	Box 424, Norwalk	PO2-3080
Ore	Joseph F Taraba Co	Box 5232, Portland 16	KI6-2761
Pa	Tri-Line Sales Co	Jonestown Rd, Harrisburg	KI5-2761
RI	Jack Bellmar	25 Cresthaven Dr, Burlington, Mass	BR2-3890
Utah	Eqpt. Supply Co	18 Post Office Pl, Salt Lake City 1	EM3-4074
Wash	Joseph F Taraba Co	Box 5232, Portland 16, Ore	BE4-6491
Wis	Charles V Kray Co	3800 W. Good Hope Rd, Milwaukee 9	FL2-2740
Wyo	Andrew T Lobel	1700 Fifteenth St, Denver, Colo	

• **LEL, INC** ... 75 Akron St, Copiague, NY ... AM4-2200
D McPherson #15 *61 D 325-895-1135-1395-1410-1425-1845-1870

TERR			TEL. NO.
Ala	DBM Research Corp	Stoddard Bldg, Cocoa Beach, Fla	3U3-2438
Alaska	Parotech Agencies	5210 20th Ave, N.W., Seattle, Wash	SU4-6447
Ark	Industrial Associated Electronics	2311 Farrington, Dallas, Tex	RI8-0777
Cal	J E Hachten Co	1135 W Huntington Dr, Arcadia	MU1-2361
Conn	Meco	344 Main St, N Reading, Mass	RE2-4520
Del	C E Snow Co	4218 Wisconsin Ave, Bethesda, Md	OL4-1707
DC	C E Snow Co	4218 Wisconsin Ave, Bethesda, Md	OL4-1707
Fla	DBM Research Corp	Stoddard Bldg, Cocoa Beach, Fla	3U3-2438
Ga	DBM Research Corp	Stoddard Bldg, Cocoa Beach, Fla	3U3-2438
Hawaii	Dage Corp	219 E. 44 St, New York 17, NY	MU2-5765
Idaho	Parotech Agencies	5210 20th Ave, N.W., Seattle, Wash	SU4-6447
Kan	Industrial Associated Electronics	724 S. Broadway, Wichita, Kan	AM5-2567
La	Industrial Associated Electronics	2311 Farrington, Dallas, Tex	RI8-0777
Me	Meco	344 Main St, N Reading, Mass	RE2-4520
Md	C E Snow Co	4218 Wisconsin Ave, Bethesda, Md	OL4-1707
Mass	Meco	344 Main St, N Reading	RE2-4520
NH	Meco	344 Main St, N Reading, Mass	RE2-4520

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
J	Central Associates Inc	44 N. Dean St, Englewood, NJ	LO8-4908
J	C E Snow Co	513 Cheltenham Ave. Philadelphia, Pa	CA4-2626
M	Industrial Associated Electronics	119 Richmond St SE, Albuquerque, NM	
Y	J A Reagan Co	45 N. Lake Ave, Albany, NY	HE6-4649
Y	Central Associates	11 Bell La, Old Bethpage, NY	MY4-4827
C	Jake Rudisill Associates	2609 N. Tryon St, Charlotte, NC	FR6-4792
kla	Industrial Associated Electronics	2311 Farrington, Dallas, Tex	RI8-0777
re	Pardoch Agencies	9212 28th Ave, N.W., Seattle, Wash	SU4-6447
a	C E Snow Co	613 Cheltenham Ave. Philadelphia	CA4-2626
I	Masco	244 Main St. N Reading, Mass	RE2-4520
C	Jake Rudisill Associates	2609 N. Tryon St, Charlotte, NC	FR6-4792
enn	D&M Research Corp	Stoddard Bldg, Cocoa Beach, Fla	SU3-2439
ex	Industrial Associated Electronics	2311 Farrington, Dallas, Tex	RI8-0777
t	Masco	244 Main St. N Reading, Mass	RE2-4520
a	C E Snow Co	613 Cheltenham Ave. Philadelphia, Pa	CA4-2626
ash	Pardoch Agencies	9212 28th Ave, N.W., Seattle, Wash	SU4-6447
oreign	Dage Corp	219 E. 44 St, New York 17, NY	MU2-6755
	LELAND AIRBORNE PRODUCTS DIV AMF	**Box 124, Vandalia, Ohio**	**TW8-5881**
	N Earley #15 *384 F 255-360-365-895-915-1165-1455-1810		
al	G T Bartel	7046 Hollywood Blvd, Los Angeles 28	HO9-3679
Y	R K Leary	Box 578, Northport	AN1-7900
a	W C Kenworthy	1125 N. Royal St, Alexandria, Va	TE6-8092
ash	James Findlay Co	P.O. Box 717, Bellevue, Wash	GL4-5200
oreign	AMF International	261 Madison Ave, New York, NY	
	LEMERT ENGINEERING CO., INC	**1313 Western Ave, Plymouth, Ind**	**WE6-3430**
	1075		
al	C R Alford	475 Huntington Dr, San Marino, Cal	RY2-1139
al	Cleevers Co	3594 Kettner Blvd, San Diego, Cal	CY8-7223
nd	Stout & Loman	P.O. Box 150, Kokomo, Ind	GL9-8236
y	Stout & Loman	P.O. Box 150, Kokomo, Ind	GL9-8236
	LENK MFG CO	**Box 324, Franklin, Ky**	**JU6-3231**
	J Brigance #1 *150 E 790-1635-1825		
	LENKURT ELECTRIC CO., INC	**1105 County Rd, San Carlos, Cal**	**LY1-8461**
	E Hall #300 *1600 G 325-1135-1425-1870		
la	Lenkurt Electric Co	361 E Paces Ferry Rd NE, Atlanta 5, Ga	237-6489
rk	Lenkurt Electric Co	2021 Main St, Kansas City 8, Mo	HA1-5338
Conn	Lenkurt Electric Co	730 3rd Ave. New York 17, NY	MU7-2810
el	Lenkurt Electric Co	730 3rd Ave. New York 17, NY	MU7-2810
C	Lenkurt Electric Co	425 13th St, N.W., Washington, DC	ST3-2576
la	Lenkurt Electric Co	361 E Paces Ferry Rd NE, Atlanta 5, Ga	237-6489
a	Lenkurt Electric Co	361 E Paces Ferry Rd NE, Atlanta 5	237-6489
l	Lenkurt Electric Co	300 W Washington St. Chicago 6	AN3-1321
nd	Lenkurt Electric Co	300 W Washington St. Chicago 6, Ill	AN3-1321
owa	Lenkurt Electric Co	7600 Highway No. 7, Minneapolis 26, Minn	WE5-3329
an	Lenkurt Electric Co	2021 Main St. Kansas City 8, Mo	HA1-5338
y	Lenkurt Electric Co	361 E Paces Ferry Rd NE, Atlanta 5, Ga	237-6489
a	Lenkurt Electric Co	361 E Paces Ferry Rd NE, Atlanta 5, Ga	237-6489
e	Lenkurt Electric Co	730 3rd Ave. New York 17, NY	MU7-2810
d	Lenkurt Electric Co	730 3rd Ave. New York 17, NY	MU7-2810
ass	Lenkurt Electric Co	730 3rd Ave. New York 17, NY	MU7-2810
ich	Lenkurt Electric Co	300 West Washington St. Chicago 6, Ill	AN3-1321
inn	Lenkurt Electric Co	7600 Highway No. 7, Minneapolis 26	WE5-3329
iss	Lenkurt Electric Co	361 E Paces Ferry Rd NE, Atlanta 5, Ga	237-6489
o	Lenkurt Electric Co	2021 Main St. Kansas City 8	HA1-5338
eb	Lenkurt Electric Co	7600 Highway No. 7, Mpls 7, Minn	WE5-3329
H	Lenkurt Electric Co	730 3rd Ave. New York 17, NY	MU7-2810
J	Lenkurt Electric Co	730 3rd Ave. New York 17, NY	MU7-2810
Y	Lenkurt Electric Co	730 3rd Ave. New York 17	MU7-2810
C	Lenkurt Electric Co	361 E Paces Ferry Rd NE, Atlanta 5, Ga	237-6489
D	Lenkurt Electric Co	7600 Highway No. 7, Mpls 26, Minn	WE5-3329
hio	Lenkurt Electric Co	300 W Washington St. Chicago 6, Ill	AN3-1321
Okla	Lenkurt Electric Co	2021 Main St. Kansas City 8, Mo	HA1-5338
Pa	Lenkurt Electric Co	730 3rd Ave. New York 17, NY	MU7-2810
RI	Lenkurt Electric Co	730 3rd Ave. New York 17, NY	MU7-2810
SC	Lenkurt Electric Co	361 E Paces Ferry Rd NE, Atlanta 5, Ga	237-6489
SD	Lenkurt Electric Co	7600 Highway No. 7, Mpls 26, Minn	WE5-3329
Tenn	Lenkurt Electric Co	361 E Paces Ferry Rd NE, Atlanta 5, Ga	237-6489
Tex	Lenkurt Electric Co	2021 Main St. Kansas City 8, Mo	HA1-5338
Vt	Lenkurt Electric Co	730 3rd Ave. New York 17, NY	MU7-2810
Va	Lenkurt Electric Co	361 E Paces Ferry Rd NE, Atlanta 5, Ga	237-6489
W Va	Lenkurt Electric Co	730 3rd Ave. New York 17, NY	MU7-2810
Wis	Lenkurt Electric Co	7600 Highway No. 7, Mpls 26, Minn	WE5-3329
	LENZ ELECTRIC MFG CO	**1751 N.Western Ave, Chicago 47, Ill**	**AR6-4454**
	R Zender #3 *145 E 190-1960		
Ala	Stanley K Wallace Assoc	Box 67, Lutz, Fla	WE9-3241
Ariz	R J Foley & Assoc	3840 N. Jokake Dr. Scottsdale	WH5-4291
Ark	Campion Sales Co	9002 Chancellor Row, Dallas 35, Tex	FL7-4095
Cal	S L Spraggins Co	16042 Ventura Blvd. Encino	ST8-6661
Cal	Newman/Russell/Ewing	915 Terminal Way, San Carlos	LY1-0389
Cal	S L Spraggins Co	16042 Ventura Blvd. Encino, Cal	ST8-6661
Conn	Keyco Assoc	Box 367, Farmington	OR7-1771
Del	Danco Corp	Fairview Village, Pa	CH8-1619
DC	Danco Corp	Fairview Village, Pa	CH8-1619
Fla	Stanley K Wallace Associates	P O Box 67, Lutz, Fla	WE9-3241
Ga	Stanley K Wallace Associates	P O Box 67, Lutz, Fla	WE9-3241
Ill	Wm. T McGary	6635 Delmar Blvd. St. Louis 5, Mo	PA5-6430
Ind	McFadden Sales Co	150 E. Broad St, Columbus 15, Ohio	CA1-3063
Kan	William T McGary	6635 Delmar Blvd, St. Louis 5, Mo	PA5-6430
Ky	McFadden Sales Co	150 E. Broad St, Columbus 15, Ohio	CA1-3763
La	Campion Sales Co	9002 Chancellor Row, Dallas 35, Tex	FL7-4095
Md	Danco Corp	Fairview Village, Pa	CH8-1619
Mass	Keyco Assoc	Box 367, Farmington, Conn	OR7-1771
Minn	Mel Foster Co. Inc	2402 Hennepin Ave. Mpls	FR4-2612
Miss	Stanley K Wallace Associates	P O.Box 67, Lutz, Fla	WE9-3241
Mo	William T McGary	6635 Delmar Blvd, St. Louis 5, Mo	PA5-6430
NH	Keyco Assoc	Box 367, Farmington, Conn	OR7-1771
NJ	S & M Assoc	595 Broad Ave, Ridgefield	WH5-0080
NM	Bower & Carlberg	Box 3177, Albuquerque	AM5-1579
NY	S & M Assoc	595 Broad Ave, Ridgefield, NJ	WH5-0080
NY	J V Costello	631 S. Warren, Syracuse, NY	HA2-6532
NC	Stanley K Wallace Associates	5621 Murrayhill Rd, Charlotte, NC	JA3-6109
ND	Mel Foster Co, Inc	2402 Hennepin Ave, Mpls, Minn	FR4-2612

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ohio	McFadden Sales Co	150 E. Broad St, Columbus 15, Ohio	CA1-3363
Okla	Campion Sales Co	9002 Chancellor Row, Dallas 35, Tex	FL7-4095
Ore	Roy H Cooley & Assoc	111 Jones Bldg. Seattle, Wash	MU2-4567
Pa	George O Tanner	720 Gypsy La. Pittsbg	FI1-5263
Pa	Danco Corp	Fairview Village, Pa	CH8-1619
SC	Stanley K Wallace Assoc	Box 67, Lutz, Fla	WE9-3241
SD	Mel Foster Co. Inc	2402 Hennepin Ave, Mpls, Minn	FR4-2612
Tenn	Stanley K Wallace Associates	P.O.Box 67, Lutz, Fla	WE9-3241
Tex	Campion Sales Co	9002 Chancellor Row, Dallas 35, Tex	FL7-4095
Va	Danco Corp	Fairview Village, Pa	CH8-1619
Wash	Roy H Cooley & Assoc	111 Jones Bldg. Seattle 1	MU2-4567
W Va	George O Tanner	720 Gypsy La. Pittsbg, Pa	FI1-5263
Foreign	Sylvan Ginsbury Ltd	8 W. 40th St, New York 18, NY	LO4-7565
•	**LEPEL HIGH FREQUENCY LABS INC**	**54-18 37th Ave, Woodside, NY**	**HA6-4580**
	H Watjen #6 *167 E 735-1075-1215		
Ala	H S Williams	3601 10th Ave, N. Birmingham, Ala	FA2-0377
Ariz	Arizona Welding & Equip Co	415 S. 7th St, Phoenix, Ariz	AL8-2653
Cal	Victor Equipment Co	3821 Santa Fe Ave, Los Angeles, Cal	LU5-1286
Cal	Victor Equipment Co	840-54 Folsom St, San Francisco, Cal	GA1-3000
Colo	Mine & Smelter Supply Co	3800 Race St. Denver, Colo	KE4-3111
Fla	Dubovy Assoc	610 N. Orange Ave. Orlando	CH1-1684
Ill	Lepel High Frequency Labs	6246 W. North Ave. Chicago 39	ME7-7244
Ill	Herman Dustman	2131 Walter Ave. Northbrook	
Ind	Harvey Denton	2091 N. Old Dixie Hwy, Lima, Ohio	CA2-0205
Ky	Harvey Denton	2091 N. Old Dixie Hwy, Lima, Ohio	CA2-0205
Me	Eastern Appliance Co	281 Vassar St, Cambridge, Mass	UN4-3765
Mass	Eastern Appliance Co	281 Vassar St, Cambridge, Mass	UN4-3765
Minn	Chas W Stone Co	1914 La Salle Ave, Minneapolis 3, Minn	FE9-0611
NH	Eastern Appliance Co	281 Vassar St, Cambridge, Mass	UN4-3765
ND	Chas W Stone Co	1914 LaSalle Ave, Minneapolis 3, Minn	FE9-0611
Ohio	Harvey Denton	2091 N. Old Dixie Hwy, Lima, Ohio	CA2-0205
Okla	Barr-McDermott Inc	4407 S. Peoria, Tulsa, Okla	RI3-3628
Ore	Industrial Air Products Co	3200 N.W. Yeon Ave, Portland 10, Ore	CA2-9231
Pa	Harvey Denton	2091 N. Old Dixie Hwy, Lima, Ohio	CA2-0205
RI	Eastern Appliance Co	281 Vassar St, Cambridge, Mass	UN4-3765
Tex	Eng. Sales Co	5949 Armour Dr. Houston 20	
Tex	Engineering Sales Co	118 Parkhouse, Dallas, Tex	AD5-3111
Utah	Mine & Smelter Supply Co	121 W. 2nd South St, Salt Lake City	EM3-2791
Vt	Eastern Appliance Co	281 Vassar St, Cambridge, Mass	UN4-3765
Wash	Industrial Air Products Co	1900 Fourth Ave, S., Seattle 33, Wash	
	LERCO DIV. MICRODOT INC	**501 S Varney St. Burbank, Cal**	**VI9-5556**
	E Criswell E 615-785-790-960-1290-1780-1785		
Ala	J E Joyner & Associates	Box 10821, Atlanta, Ga	PL5-4335
Ariz	Fred W Falck, Jr	1465 Deer Hill Court, La Jolla, Calif	BE3-3241
Ark	Norvell Associates	5931 Lemmon Ave, Dallas, Texas	LA6-7861
Cal	David H Ross Co	534 El Camino Real, San Carlos	LY1-4411
Colo	McLoud & Raymond Co	P O Box 8848, Denver	SK6-1589
Conn	Henry Lavin Associates	P O Box 921, Meriden	BE7-5527
Del	George Hautenschild	949 E Godfrey Ave. Phila 24, Pa	PI4-0847
DC	Warren Mount	National Press Bldg, Wash	ME8-0221
Fla	J E Joyner & Associates	Box 10821, Atlanta, Ga	PL5-4335
Ga	J E Joyner & Associates	Box 10821, Atlanta	PL5-4335
Idaho	Seatronics, Inc	1718 Norman Pl. Seattle, Wash	EA3-8545
Ill	Carlson Electronic Sales Corp	6677 N Northwest Hwy, Chicago	SP4-0277
Ind	MacNabb, Schoeder & Loomis	820 E 64th St. Indianapolis	CL5-6770
Iowa	Carlson Electronic Sales	6677 N Northwest Hwy, Chicago, Ill	SP4-0277
Kan	Zak Associates, Inc	7730 Carondelet, St. Louis, Mo	PA7-8559
Ky	Mac Nabb Schroeder & Loomis	820 E 64th St. Indianapolis, Ind	CL5-6770
La	Norvell Associates	5931 Lemmon Ave. Dallas, Tex	LA6-7861
Me	Henry Lavin Associates	Box 921, Meriden, Conn	BE7-5527
Md	George Hautenschild	949 E Godfrey Ave. Phila. 24, Pa	PI4-0847
Mass	Henry Lavin Assoc	P O Box 921, Meriden, Conn	BE7-5527
Mich	Richard J Fulgham, Harvey Teplitz Co	19947 Meister Rd. Detroit	KE7-9058
Minn	Stan Clothier Co. Inc	12 W 5th St. Minneapolis	TA5-1234
Miss	J E Joyner & Associates	Box 10821, Atlanta, Ga	PL5-4336
Mo	Zak Associates, Inc	7730 Carondelet, St. Louis	PA7-8559
Mont	Seatronics, Inc	1718 Norman Pl. Seattle, Wash	EA3-8545
Nev	David H Ross, Co	534 El Camino Real, San Carlos, Cal	LY1-4411
NH	Henry Lavin Associates	Box 921, Meriden, Conn	BE7-5527
NJ	George Hautenschild	949 E Godfrey Ave. Phila, Pa	PI4-0847
NY	Villgold Electronic Sales Corp	335 N Village Ave, Rockville Centre	RO4-4222
NC	J E Joyner & Associates	Box 10821, Atlanta, Ga	PL5-4335
ND	Stan Clothier Co., Inc	12 W 5th St, Minneapolis, Minn	TA5-1234
Ohio	Augey Natalino Associates	P O Box 144, Stow	OV8-3930
Okla	T J Ray, Jr	8614 E 31st St. Tulsa	NA7-1511
Ore	Seatronics Inc	1718 Norman Pl. Seattle, Wash	EA3-8545
Pa	Geo. Hautenschild	949 E Godfrey Ave. Philadelphia	PI4-8847
RI	Henry Lavin Assoc	P O Box 921, Meriden, Conn	BE7-5527
SC	J E Joyner & Assoc	P O Box 10821, Atlanta, Ga	PL5-4336
Tenn	J E Joyner & Associates	Box 10821, Atlanta, Ga	PL5-4336
Tex	Norvell Associates	5931 Lemmon Ave. Dallas	LA6-7861
Utah	McLoud & Raymond	5401 E Evans, Denver 22, Colo	SK6-1589
Vt	Henry Lavin Associates	P O Box 921, Meriden, Conn	BE7-5527
Va	Geo Hautenschild	949 E Godfrey Ave. Phila. Pa	PI4-0847
Wash	Seatronics, Inc	1718 Norman Pl. Seattle	EA3-8545
Wis	Carlson Electronic Sales	6677 N Northwest Hwy. Chicago 31	SP4-0277
Can	Airfile Components Co	71 Dixon Rd. Toronto, Ont	CH1-5533
For	Pan Mar Corporation	1270 Broadway, New York, N Y	WI7-7986
	LERMER PLASTICS INC	**522 South St, Garwood, NJ**	
	135-1220		
	LERU LABORATORIES INC	**Black Oak Ridge Rd, Paterson, NJ**	
	280		
	LESA COSTRUZIONI ELETTROMECCANICHE SPA	**Via Bergamo 21, Milan, Italy**	**554341/2/3/4/5**
	G Readeal #60 *1,500 F 410-895-955-1130-1165-1195-1255-1270-1285-1330-1370-1435-1675-1750-1765-1905		
NY	Lesa of America Trading Mfg Inc	11 W. 42nd St, New York 36, NY	BR9-2547
	LETTINE RADIO MFG CO	**62 Berkley St, Valley Stream, NY**	**PY1-9397**
	#2 *2 A 1870		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	LEUPOLD & STEVENS INSTRUMENTS INC	**4445 N.E. Glisan St, Portland, Ore**	**BE4-7423**
	R Stevens #5 *118 E 325-360-895		
Cal	A C Lo Prest Co	551 Minna St, San Francisco, Cal	MA1-1921
Nev	A C Lo Prest Co	551 Minna St, San Francisco, Cal	MA1-1921
NY	Walker & Lodge	117 Liberty St. NY	BA7-6658
	LEVIN & SON INC., LOUIS	**3573 Hayden Ave. Culver City, Cal**	**UP0-9555**
	S Levin #2 *28 D 1075		
NY	Russell, Holbrook & Henderson, Inc	292 Madison Ave. New York 17	MU5-3494
	LEWIS CO., INC., E B	**11 Bragg St, East Hartford 8, Conn**	**BU9-5428**
	#3 *30 B 240-410-415-670-1915		
•	**LEWIS ENGINEERING CO**	**52 Rubber Ave, Naugatuck, Conn**	**PA9-5253**
	H Alexander 190-895-1960		
Ariz	Pacific Scientific Co., The	P.O. Box 22019, Los Angeles 22, Cal	
Cal	Pacific Scientific Co., The	P.O. Box 22019, Los Angeles 22, Cal	
Cal	Pacific Scientific Co., The	1950 Fifth Ave, San Diego, Cal	
Cal	Pacific Scientific Co., The	780 Harrison St, San Francisco, Cal	
Colo	Pacific Scientific Co., The	2110 S Ash St, Denver	
Fla	Ludlum Assoc Co	Box 48-1137 Miami 48, Fla	
Ga	Aeromart Inc	3230 Peachtree Rd NE, Atlanta	
Nev	Pacific Scientific Co., The	P.O. Box 22019, Los Angeles 22, Cal	
NM	Pacific Scientific Co., The	P.O. Box 22019, Los Angeles 22, Cal	
Okla	Pacific Scientific Co., The	702A E. Abram St, Arlington, Tex	
Ore	Pacific Scientific Co., The	1218 S.E. 7th Ave, Portland 14, Ore	
Tex	Pacific Scientific Co., The	702A E. Abram St, Arlington, Tex	
Wash	Pacific Scientific Co	421 Michigan St, Seattle 8, Wash	
Canada	Aviation Electric Ltd	Box 6102, Montreal, P Q, Canada	
	LEWIS & KAUFMAN ELECTRONICS CORP. TUBE DIV	**Box 337, Los Gatos, Cal**	**EL4-3540**
	E Mattos #4 *35 D 895-975-1135-1880		
Ariz	Jewett Co	Box 172, Scottsdale	WH5-9711
Cal	Dav-Lo Co., The	3333 W 4th, Los Angeles 5	DU4-4627
Colo	Dav-Lo Co., The	3333 W 4th, Los Angeles 5, Cal	DU4-4627
Conn	T Kennedy Co	19 Forest Rd. Wakefield, Mass	
Del	John Mustico	1726-28 S State Rd. Upper Darby, Pa	SH8-1062
DC	John Mustico	1726 S State Rd. Upper Darby, Pa	SH8-1062
Ill	Engineered Sales Co. Inc	3592 Milwaukee Ave. Chicago 41, Ill	
Ind	Engineered Sales Co. Inc	3592 Milwaukee Ave. Chicago 41, Ill	
Iowa	Thomson Engineering Service	8230 Forsyth Blvd. St Louis 5, Mo	PA7-7705
Kan	Thomson Engineering Service	8230 Forsyth Blvd. St Louis 5, Mo	PA7-7705
Me	T Kennedy Co	19 Forest Rd. Wakefield, Mass	
Md	John Mustico	1726 S State Rd. Upper Darby, Pa	SH8-1062
Mass	T Kennedy Co	19 Forest Rd. Wakefield, Mass	
Mo	Thomson Engineering Service	8230 Forsyth Blvd. St Louis 5, Mo	
NH	T Kennedy Co	19 Forest Rd. Wakefield, Mass	
NJ	John Di Blasi Assoc. Inc	90 Main St. Port Washington, NY	
NJ	John Mustico	1726 S State Rd. Upper Darby, Pa	SH8-1062
NY	John B Lightstone Engineering Reps	515 Comstock Ave. Syracuse 10, NY	
NY	John Di Blasi Assoc. Inc	90 Main St. Port Washington, NY	
Ohio	Thomco Electronic Co	Box 181, N D Sta, Dayton 4, Ohio	BE3-3551
Okla	Thomson Engineering Service	2520 Oak Lawn, Dallas 19, Tex	
Pa	John Mustico	1726 S State Rd. Upper Darby	SH8-1062
Pa	Thomco Electronic Co	Box 181, N D Sta, Dayton 4, Ohio	BE3-3551
RI	T Kennedy Co	19 Forest Rd. Wakefield, Mass	
Tex	Thomson Engineering Service	2520 Oak Lawn, Dallas 19, Tex	
Utah	Dav-Lo Co., The	3333 W 4th, Los Angeles 5, Cal	DU4-4627
Vt	T Kennedy Co	19 Forest Rd. Wakefield, Mass	
Va	John Mustico	1726 S State Rd. Upper Darby, Pa	SH8-1062
Wis	Engineered Sales Co. Inc	3592 Milwaukee Ave. Chicago 41, Ill	
For	Winthorne International Co	15 Moore St. New York 4, NY	
Can	Radio Valve Co. Ltd	189 Dufferin St. Toronto 3, Ont Can.	
	LEWIS SPRING & MFG CORP	**2646 North Ave, Chicago 47, Ill**	
	1690		
	LEYSE ALUMINUM CO	**Kewaunee, Wisc**	**335**
	P Kelley #3 *200 D 895-1245		
Conn	Arthur A Bliss	Marlboro, Mass	
Ill	Dennis Crowley	Box 734, Evanston	UN4-4979
Ind	Earl A Brinson	767 N. Milwaukee Ave. Chicago 22, Ill	TA9-1889
Iowa	Don Fessenden	3675 Tobin Rd. Kenosha, Wis	
Mass	Arthur A Bliss	Marlboro	
Mich	Earl A Brinson	767 N. Milwaukee Ave. Chicago 22, Ill	TA9-1889
Minn	Don Fessenden	3675 Tobin Rd. Kenosha, Wis	
NH	Arthur A Bliss	Marlboro, Mass	
NJ	Henry G Richter Inc	467 Hillside Ave. Westfield	WE2-4615
NY	Henry G Richter Inc	467 Hillside Ave. Westfield, NJ	WE2-4615
NY	George G Gay	Brockport	BR 905
Wis	Don Fessenden	3675 Tobin Rd. Kenosha	
	LIBRASCOPE DIV. GEN PRECISION INC	**808 Western Ave. Glendale, Cal**	**CH5-0711**
	R Williamson #1,050 *4,000 G 35-338-340-365-430-565-600-720-775-885-895-1150		
Ala	Librascope	3222 S Memorial Pkwy. Huntsville	JE9-6322
DC (Wash)	Librascope	777-14th St, N.W., Washington 5, DC	DI7-9797
Ohio	Librascope	333 W 1st St. Dayton	BA2-9862
Tex	Librascope	6370 N Central Expwy, Dallas	
Wash	Burt C. Porter Company	1208 Poplar Place, Seattle 44, Wash	EA3-9330
	LICON DIV. ILLIONIS TOOL WORKS	**6615 W Irving Park Rd. Chicago 34, Ill**	**AV2-4040**
	P McCollough 565-1165-1645-1735		
Ariz	Carl Hower Co	340 N. Marshall Ave. Scottsdale	WH5-2471
Cal	McKnight Co	1400 El Camino Real, Menlo Park	DA6-3712
Colo	Elcom, Inc	2149 S. Clermont, Denver 22	SK7-1261
Conn	Walworth Controls Co	472 Old Main St. Rocky Hill	JA9-6806
Fla	Frank Nickerson Co	Box 38-2, Miami	PL1-4592
Fla	Frank Nicherson Co	Box 996, Maitland	MI4-4413
Ga	Frank Nickerson Co	635 Medlock Rd. Decatur	ME6-2752
Ill	Rockford Controls Co	Box 671, Glen Ellyn	HO9-6016
Ill	J W Claggett Co	420 Ellis Ave. Rockford	WO5-4555
Ind	Hornagle Sales Co	Butler Court, Fort Wayne	AN-2383
Mich	R C Merchant Co	18421 W McNichols Rd. Detroit	KE5-0000
Minn	A J Homer Co	3022 29th Ave. S., Minneapolis 17, Minn	PA9-7371
NY	William J Hall	P.O. Box 36, Boston, NY	BO1-3162

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NY	S J Sales Inc	144-15 Archer Ave, Jamaica 35	AX1-3232
NC	Frank Nickerson Co	2334 Orion St. Charlotte	EX9-3673
Ohio	Westerkamp & Associates	5642 Wappinger St. Cincinnati 27, Ohio	LO1-4429
Ohio	Rockford Controls Co	21871 Euclid Ave, Cleveland 17, Ohio	IV6-3500
Ohio	Rockford Controls Co	3029 North Star, Westlake	IV6-3506
Pa	C H Ribble Co	1219 Old York Rd. Abington	TU7-7755
Tenn	Frank Nickerson Co	2953 McClintock Pike, Nashville	TU3-6802
Utah	Elcom Inc	Salt Lake City	
Wash	James Findlay Co	P.O. Box 717, Bellevue, Wash	GL4-4519

LIEBEL FLARSHEIM CO. DIV. RITTER CO. INC .... **111 E Amity Rd. Cincinnati 15, Ohio** **PO1-2700**
J Johnson #10 *250 E 1010

• **LIECO INC** .... **150 Eileen Way, Syosset, NY** **WA1-6300**
M Egan #9 *80 E 45-285-385-670-1045-1135

TERR			TEL. NO.
Ala	Geo Behman	711 Magnolia Ave, Orlando, Fla	GA5-6860
Ariz	Martin & Ozier	213 Hawthorne Blvd. Hawthorne, Cal	OR8-6106
Cal	Martin & Ozier	213 Hawthorne Blvd, Hawthorne	OR8-6106
Ark	Industrial Assoc Electronics	2311 Farrington St. Dallas, Tex	RI8-0777
Cal	E L Berman	921 Bryant St, San Francisco	UN1-2367
Colo	Industrial Assoc Electronics	2311 Farrington St. Dallas, Tex	RI8-0777
Conn	Cirolia & LeBlanc	885 Main St. Waltham, Mass	TW4-2977
Del	W R Griffin Co	P O Box 15, Spring House, Pa	MI6-8383
Fla	Geo Behman	711 Magnolia Ave. Orlando	GA5-6860
Ill	Walter Braulette	1558 New Castle Ave. Westchester	FI5-6500
Ind	Walter Braulette	1558 New Castle Ave. Westchester, Ill	FI5-6500
Kan	Industrial Assoc. Electronics	2311 Farrington St. Dallas, Texas	RI8-0777
La	Industrial Assoc Electronics	2311 Farrington St. Dallas, Texas	RI8-0777
Me	Cirolia & LeBlanc	885 Main St. Waltham, Mass	TW4-2977
Md	W R Griffin Co	P O Box 16, Spring House, Pa	MI6-8383
Md	Chas Eckman	7 Georgia Ave, Glen Burnie	SO6-0141
Mass	Cirolia Le Blanc Sales Co., Inc	885 Main St. Waltham 54, Mass	TW4-2977
Mich	Keith Ackley	1090 N Overdrive Rd, Birmingham	MI4-7196
Nev	Martin & Ozier	213 S Hawthorne Blvd, Hawthorne, Cal	OR8-6106
NH	Cirolia & LeBlanc	885 Main St. Waltham 54, Mass	TW4-2977
NJ	Symon Associates	550 5th Ave, New York, N Y	JU6-7771
NJ	W R Griffin Co	P O Box 15, Spring House, Pa	MI6-8383
NM	Industrial Assoc Electronics	2311 Farrington St. Dallas, Texas	RI8-0777
NY	Max Symon Assoc	550 5th Ave. New York, N Y	JU6-7771
NY	Tesco Associates	114 Miles Ave, Syracuse 10, NY	HO3-4533
NC	Electronic Research & Sales	P O Box 845, Charlottesville, Va	PH3-5148
Ohio	Keith Ackley	1090 N Overdrive Rd. Birmingham, Mich	MI4-7196
Okla	Industrial Assoc Electronics	2311 Farrington St. Dallas, Texas	RI8-0777
Pa	Keith Ackley	1090 N Overdrive Rd. Birmingham, Mich	MI4-7196
Pa	W R Griffin Co	P O Box 15, Spring House	MI6-8383
RI	Cirolia-Le Blanc Sales Co., Inc	885 Main St. Waltham 54, Mass	TW4-2977
Tex	Industrial Assoc. Electronics	2311 Farrington St. Dallas	RI8-0777
Utah	Martin & Ozier	213 S. Hawthorne Blvd. Hawthorne, Calif	OR8-6106
Vt	Cirolia & LeBlanc	885 Main St. Waltham, Mass	TW4-2977
Va	Electronic Research & Sales	P O Box 845, Charlottesville	PH3-5148
W Va	Keith Ackley	1090 N Overdrive Rd, Birmingham, Mich	MI4-7196
Wis	Walter Braulette	1558 New Castle Ave. Westchester, Ill	FI5-6500

LIFE INSTRUMENT CO. INC .... **100 Brook St. Franklin, Mass** **332W**
W Taylor #3 *30 C 320-360-590-1460-1850

TERR			TEL. NO.
Ariz	Martin & Ozier	213 S Hawthorne Blvd. Hawthorne, Cal	OR8-6106
Ark	Ransom Roderick, Inc	726 E McLemore Ave. Memphis, Tenn	WH8-3301
Cal	Martin & Ozier	213 S Hawthorne Blvd. Hawthorne	OR8-6106
Cal	Robert R Slater	420 Market St, San Francisco, Cal	EX2-9154
Conn	Bordewieck Engrg Sales Co	221 Grove St. S Braintree, Mass	VI3-0845
Del	Houser Associates	734 15th St, N.W., Washington 5, DC	ME8-0084
DC	Houser Associates	734 15th St, N.W., Washington 5, DC	ME8-0084
Idaho	Robert R Slater	Terminal Sales Bldg, Seattle 1, Wash	MA2-3860
Ill	Edward C Haydak Co	5150 N. Mulligan Ave, Chicago 30, Ill	RO3-8445
Ind	Edward C Haydak Co	5150 N. Mulligan Ave, Chicago 30, Ill	RO3-8445
Me	Bordewieck Engrg Sales Co	221 Grove St. S Braintree, Mass	VI3-0845
Md	Houser Associates	734 15th St, N.W., Washington 5, DC	ME8-0084
Mass	Bordewieck Engrg Sales Co	221 Grove St. S Braintree, Mass	VI3-0845
Mich	Willis L Trembley & Son	6920 Fenkell Ave, Detroit	DI1-9352
Miss	Ransom Roderick, Inc	726 E McLemore Ave, Memphis, Tenn	WH8-3301
Mont	Robert R Slater	Terminal Sales Bldg, Seattle 1, Wash	MA2-3860
NH	Bordewieck Engrg Sales Co	221 Grove St. S Braintree, Mass	VI3-0845
NM	Martin & Ozier	213 S Hawthorne Blvd. Hawthorne, Cal	OR8-6106
NC	WinCo Sales Assoc	3823 Randall Rd. Raleigh	TE4-0938
Ohio	Edmund C Frost & Co.	1545 Chelmsford Rd, Mayfield Heights 24	HI2-9040
Ore	Robert R Slater	Terminal Sales Bldg, Seattle 1, Wash	MA2-3860
Pa	Edmund C Frost & Co.	1545 Chelmsford Rd, Mayfield Hgts, Ohio	HI2-9040
RI	Bordewieck Engrg Sales Co	221 Grove St. S Braintree, Mass	VI3-0845
SC	WinCo Sales Assoc	3823 Randall Rd. Raleigh, NC	TE4-0938
Tenn	Ransom Roderick, Inc	726 E McLemore Ave, Memphis 6	WH8-3301
Vt	Bordewieck Engrg Sales Co	221 Grove St. S Braintree, Mass	VI3-0845
Va	Houser Associates	734 15th St, N.W. Washington 5, DC	ME8-0084
Wash	Robert R Slater	Terminal Sales Bldg, Seattle 1, Wash	MA2-3860
Wisc	Edward C Haydak Co.	5150 N. Mulligan Ave, Chicago 30, Ill	RO3-8445

LIGHTGUARD ELECTRONIC MFG CO. INC .... **1213 St Emanuel, Houston 3, Tex** **CA7-2897**
E Schecht #2 *10 B 360

TERR			TEL. NO.
Ala	W.V. Gearhart	Gearhart Bldg, Atlanta 19, Ga	CE3-4431
Cal	V R Thompson	Box 106, Gardena, Cal	
Conn	Ezra Berger	58 Judwin Ave. New Haven, Conn	
Fla	W.V. Gearhart	Gearhart Bldg. Atlanta 19, Ga	CE3-8290
Ga	W.V. Gearhart	Gearhart Bldg, Atlanta 19, Ga	CE3-4431
Haw	Harold D Kroh	836 Ocean View Dr. Honolulu	
Idaho	Sherman C. Nisbaum	4777 S. 13th E., Salt Lake City 17, Utah	CR7-0459
Iowa	A.M. Harris	1029 Commercial St, Waterloo, Iowa	AD3-6636
Kan	C.L. Arehart Co	5316 Garfield, Kansas City 30, Mo	DE3-0609
La	Fred C Baldridge & Co	525 Godchaux, New Orleans 12, La	
Me	James Mc Gowan	Box 265, Randolph, Mass	WO3-5855
Mass	James Mc Gowan	Box 265, Randolph, Mass	WO3-5855
Minn	Gaynor Sales Agency	2446 University Pl. St Paul, Minn	
Mo	Charles L. Arehart Co	5316 Garfield, Kansas City 30, Mo	DE3-0609
Neb	A.M. Harris	1029 Commercial St, Waterloo, Iowa	AD3-6636
NH	James Mc Gowan	Box 265, Randolph, Mass	WO3-5855
NC	Robert W. Chapman & Co	Box 4230, Charlotte, NC	FR5-7215
NC	W.V. Gearhart	Gearhart Bldg. Atlanta 19, Ga	CE3-4431
Ohio	Harriss-Rotermund Co	5720 Ridge Rd. Cleveland 29, Ohio	
Pa	Clarke & Lyle Assoc	4135 Brownsville Rd. Pittsburgh 27, Pa	
RI	James Mc Gowan	P.O. Box 265, Randolph, Mass	WO3-5855
SC	Robt. W. Chapman & Co	Box 4230, Charlotte, NC	FR5-7215
SC	W.V. Gearhart	Gearhart Bldg, Atlanta 19, Ga	CE3-4431
Tenn	W.V. Gearhart	Gearhart Bldg, Atlanta 19, Ga	CE3-4431
Tex	Kirkpatrick & Co	3620 Maplewood, Dallas 5, Tex	
Tex	Art Swartz	1135 Fugate, Houston, Tex	UN1-1182
Utah	Sherman Nisbaum & Co., Inc	4777 S. 13th East St, Salt Lake City 17	CR7-0459
Vt	James Mc Gowan	P.O. Box 265, Randolph, Mass	WO3-5855
Wash	H M Denny Co	3410 - 14th Ave. W, Seattle 99, Wash	
Canada	Dudley N. Mendels	5780 Pare St, Montreal, Quebec	RI8-6367

LIND INSTRUMENTS INC .... **2294 Mora Dr, Mountain View, Cal** **YO8-0003**
#4 *14 B 330

TERR			TEL. NO.
Cal	The Thorson Co	2443 Ash St, Palo Alto	DA1-2414
Cal	The Thorson Co.	7361 Melrose Ave, LA.	WE4-1191
Colo	The Thorson Co.	3000 S Lincoln St, Englewood	SU9-1841
NJ	Bonn Assoc	57 New St, Metuchen	LI9-9573
NY	Bonn Assoc	57 New St, Metuchen, NJ	LI9-9573
Wash	The Thorson Co.	1767 15th Ave, Seattle 44	EA5-5000

LINDBERG ENGINEERING CO .... **2450 W Hubbard St. Chicago, Ill** **MO6-3443**
C Borling #75 *700 G 735-895-1215-1245-1420-1445-1855

TERR			TEL. NO.
Ala	Lindberg Eng. Co	4595 Club Terrace NE. Atlanta 19, Ga	CE3-8014
Ariz	Lindberg Eng. Co	11937 S. Regentview Ave. Downey, Cal	SP3-1987
Ark	R R Stephens Machinery Co	8145 Olive Blvd. St. Louis, Mo	WY1-0502
Cal	Lindberg Eng. Co	11937 S. Regentview Ave. Downey	SP3-1987
Colo	Blair Engineering Co	4100 Grape St. Denver 16	FL5-7142
Conn	Lindberg Eng. Co	69 Maple St. E. Longmeadow, Mass	LA5-3689
Del	Lindberg Eng. Co	3709 W. Chester Pike, Newton Sq. Pa	EL6-6900
DC	Lindberg Eng. Co	3709 W. Chester Pike, Newton Sq. Pa	EL6-6900
Ga	Lindberg Engineering Co	4595 Club Terr, Atlanta 19	CE3-8014
Idah	Western Factors	2733 4th Ave. S. Seattle 4, Wash	MU2-3414
Ind	Lindberg Engineering Co	230 E Ohio St, Indianapolis 4	ME5-4574
Iowa	Lindberg Eng. Co	9137 W. Lisbon Ave. Milwaukee 22, Wis.	HO2-3420
Kan	R R Stephens Machinery Co	8145 Olive Blvd. St. Louis, Mo	WY1-0502
Ky	Lindberg Eng. Co	230 E. Ohio St. Indpls 4, Ind	ME5-4574
La	Lindberg Eng. Co	1100 N. Mont Clair Ave. Dallas 8, Tex.	WH2-8033
Me	Lindberg Eng. Co	69 Maple St. E. Longmeadow, Mass	LA5-3689
Md	Lindberg Eng. Co	3709 W. Chester Pike, Newton Sq. Pa	EL6-6900
Mass	Lindberg Engineering Co	69 Maple St. E. Longmeadow	LA5-3689
Mich	Lindberg Engineering Co	1710 Kingston Ave. Kalamazoo	SP3-1987
Minn	Lindberg Eng. Co	9137 W. Lisbon Ave. Milwaukee 22, Wis.	HO2-3420
Miss	Lindberg Eng. Co	4595 Club Terrace NE. Atlanta 19, Ga	CE3-8014
Mo	Robt R Stephens Machinery Co	8145 Olive Blvd. St Louis 30	WY1-0502
Neb	R R Stephens Machinery Co	8145 Olive Blvd. St. Louis 30, Mo	WY1-0502
Nev	Lindberg Eng. Co	11937 S. Regentview Ave. Downey, Cal.	SP3-1987
NH	Lindberg Eng. Co	69 Maple St. Longmeadow, Mass	LA5-3689
NJ	Lindberg Engineering Co	12-96 Plaza Rd. Fair Lawn	SW7-6500
NM	Blair Eng. Co	4100 Grape St. Denver 16, Colo	FL5-7142
NY	Lindberg Eng. Co	1307 E. Main St. Rochester 9	HU2-4860
NY	Lindberg Engineering Co	420 Lexington Ave. New York 17	OR9-8750
NC	James L Highsmith & Co	3733 Monroe Rd. Charlotte 5	FR7-2546
Ohio	Lindberg Engineering Co	1414 Victoria Ave. Cleveland 7	AC1-5576
Okla	R R Stephens Machinery Co	8145 Olive Blvd. St. Louis 39, Mo	WY1-0502
Ore	Western Factors	2733 4th Ave. S. Seattle 4, Wash	LO1-5666
Pa	Lindberg Eng. Co	1699 Wash. Rd. Pittsbgh 28	LO1-5666
Pa	Lindberg Engineering Co	3709 W Chester Pike, Newtown Square	EL6-6900
RI	Lindberg Eng. Co	69 Maple St. E. Longmeadow, Mass	LA5-3689
SC	James L Highsmith & Co	3733 Monroe Rd. Charlotte 5, NC.	
Tenn	Lindberg Eng. Co	230 E. Ohio St. Indpls 4, Ind	ME5-4574
Tex	Lindberg Engineering Co	1100 N Mont Clair Ave. Dallas 8	WH2-8033
Utah	Blair Eng. Co	4100 Grape St. Denver 16, Colo	FL5-7142
Vt	Lindberg Eng. Co	69 Maple St. E. Longmeadow, Mass	LA5-3689
Va	Lindberg Eng. Co	3709 W. Chester Pike, Newton Sq. Pa	EL6-6900
Wash	Western Factors	2733 4th Ave. S, Seattle 4	MU2-3414
W Va	Lindberg Eng. Co	1699 Wash. Rd. Pittsbgh 28, Pa	LO1-5666
Wis	Lindberg Engineering Co	9137 W Lisbon Ave. Milwaukee 22	HO2-3420
Wyo	Blair Eng. Co	4100 Grape St Denver 16, Colo	FL5-7142
For	Lindberg Eng. Co	420 Lexington Ave. NY 17, NY	OR9-8750

LINDE CO. DIV OF UNION CARBIDE CORP .... **270 Park Ave. New York 17, NY** **LL1-2345**
700-748-930-1510-1945

TERR			TEL. NO.
Ala	Linde Co	2901 Cahaba Rd, Birmingham 5, Ala	
Cal	Linde Co	2770 Leonis Blvd, Los Angeles (Vernon) 58	
Cal	Linde Co	22 Battery St. San Francisco 6, Cal	
Colo	Linde Co	666 S. Santa Fe Dr, Denver 23, Colo	
DC	Linde Co	Wyatt Bldg, 777 14th St, N.W., Wash 5, DC	
Ga	Linde Co	1375 Peachtree St. NE, Atlanta 9	
Ill	Linde Co	230 No. Michigan Ave, Chicago 1, Ill	
La	Linde Co	4033 Conti St, New Orleans 19, La	
Md	Linde Co	200 E. Joppa Rd, Baltimore 4, Md	
Mass	Linde Co	300 1st Ave, Needham Hghts, Boston 94	
Mich	Linde Co	10421 W. Seven Mile Rd, Detroit 21, Mich	
Minn	Linde Co	827 Second Ave S., Minneapolis 2, Minn	
Mo	Linde Co	910 Baltimore Ave, Kansas City 5, Mo	
NJ	Linde Co	2065 Route 22, Union, NJ	
NJ	Linde Co	Pleasant Valley Rd & Route 38, Moorestown	
NY	Linde Co	250 Delaware Ave, Buffalo 2, NY	
Ohio	Linde Co	1501 Madison Rd, Cincinnati, Ohio	
Ohio	Linde Co	1300 Lakeside Ave, Cleveland 14, Ohio	
Okla	Linde Co	2901 S. Harvard Ave, Tulsa 24, Okla	
Ore	Linde Co	1205 N.W. Marshall St, Portland 9, Ore	
Pa	Linde Co	644 Oliver Bldg, Mellon Sq, Ptsbgh 22	
Tex	Linde Co	6300 N. Central Expwy, Dallas, Tex	
Tex	Linde Co	3839 W. Alabama, Houston 27, Tex	
Utah	Linde Co	999 S. Redwood Rd, Salt Lake City, Utah	
Wash	Linde Co	3404 Fourth Ave S., Seattle 4, Wash	
Wis	Linde Co	1623 S. 108th St, Milwaukee 46, Wis	
W. Va	Linde Co	3510 MacCorkle Ave S.E., Charleston 4	

LINDGREN & ASSOC. INC. ERIK A .... **4515 N Ravenswood Ave. Chicago 40, Ill** **LO1-0403**
E Lindgren #1 *20 C 250-1575

TERR			TEL. NO.
Ala	W E Wolcott Co	P O Box 1523, Winter Park, Fla	MI7-3498
Ariz	Wallace & Wallace	1706 Maple Ave. LA, Cal	RI7-0401
Cal	Lee Grant Snyder Company	1418 N Highland Ave. Hollywood 28	HO9-6778
Colo	Hyde Electronics Company	400 S Lipan St. Denver 23	WE6-345
Conn	Equipment Sales Co. Inc	P O Box 6098, New Haven 17	CH8-158
Fla	W E Wolcott Co	P O Box 1523, Winter Park	MI7-349
Ga	W E Wolcott Co	P O Box 1523, Winter Park, Fla	MI7-3498
Mass	Equipment Sales Co. Inc	5 Elm St. Danvers	SP4-240
Mass	Equipment Sales Co. Inc	85 Robbinhurst Ave, Pittsfield	
Mich	Satullo Co., The	4512 N Woodward Ave, Royal Oak	JO6-2375
NH	Equipment Sales Co. Inc	5 Elm St. Danvers, Mass	SP4-240
NM	Hyde Electronics Co	5016 Constitution Ave, NE, Albuquerque	AM8-111
NC	W E Wolcott Company	P O Box 1523, Winter Park, Fla	MI7-349
Ohio	Satullo Co., The	16801 Euclid Ave, Cleveland 12	IV1-620
Ohio	Satullo Co., The	705 W Ohio Pike, Cincinnati 45	PL2-466
Pa	Satullo Co., The	997 Perry Highway, Pittsburgh 37	WE1-520
RI	Equipment Sales Co. Inc	5 Elm St. Danvers, Mass	SP4-240
SC	W E Wolcott Company	P O Box 1523, Winter Park, Fla	MI7-349
Tenn	W E Wolcott Company	P O Box 1523, Winter Park, Fla	MI7-3498
Wash	N R Schultz Company	4227 Airport Way, Seattle 8	MA4-865
Can	Atlas Instruments Corp. Ltd	50 Wingold Ave, Toronto 19, Ont	RU1-6174
Can	Atlas Instruments Corp. Ltd	77 Danforth Ave, Ottawa, Ont	PA2-755
Can	Atlas Instrument Corp. Ltd	3333 Cavendish Blvd, Montreal, Que	HU9-949

LINDSAY ANTENNA & SPECIALTY PRODUCTS LTD .... **50 Mary St, Lindsay, Ontario, Canada** **FA4-219**
D Welling #1 *70 D 45-140-905-1885-1960

TERR			TEL. NO.
Canada	A L Whitehead Ltd	Vancouver, B C, Canada	
Canada	Eric Jeanes	Winnipeg, Man, Canada	
Canada	Wm Spence	Toronto, Ontario, Canada	
Canada	Wm Cohen Ltd	Montreal, P Q, Canada	
Canada	Wilbur Hills	Truro, N S, Canada	

• **LINE ELECTRIC CO** .... **229 River St, Orange, NJ** **OR2-820**
A Whiter #3 *65 D 1460-1735

TERR			TEL. NO.
Ala	E C Raymond & Associates	P.O. Box 8215, St. Petersburg, Fla	WA1-973
Alas	C B Parsons & Co.	3028 1st Ave, Seattle 1, Wash	MU2-678
Ariz	Bob Bray	18 N. Mentor Ave, Pasadena	SY5-839
Ark	Al. Engelman Co	3205 Crump Ave, Memphis, Tenn	
Cal	Bob Bray	18 N. Mentor Ave. Pasadena	MU1-3751
Cal	Newman/Rudat/Ewing	915 Terminal Way, San Carlos	LY1-030
Del	Leff & Eader Corp.	11 Peppermint Ln. Levittown, NJ	TR7-404
DC	Leff & Eader Corp.	11 Peppermint Ln. Levittown, NJ	TR7-404
Fla	E C Raymond & Associates	Box 8215, St. Petersburg, Fla	WA1-973
Ga	E C Raymond & Associates	Box 8215, St. Petersburg, Fla	WA1-973
Haw	Newman/Rudat/Ewing	915 Terminal Way, San Carlos, Cal	LY1-030
Idah	C B Parsons & Co.	3028 1st Ave. Seattle 1, Wash	MU2-678
Ill	Hill & Gray Inc	821 Garfield, Oak Park	ES8-705
Ind	Kirsch Sales Co.	La Fontaine	YU1-280
Iowa	Thunderbird Eng	7811 Carondelet Ave. St. Louis 5, Mo	PA6-1413
Kan	Thunderbird Eng	7811 Carondelet Ave. St. Louis 5, Mo	PA6-1413
Ky	Kirsch Sales Co.	La Fontaine, Ind	YU1-280
La	Al. Engelman Co	3205 Crump Ave, Memphis, Tenn	
Me	White Sales Co., Inc	945 Great Plain Ave, Needham 92, Mass	HI4-367
Md	Leff & Eader Corp.	11 Peppermint Ln. Levittown, NJ	TR7-404
Mass	White Sales Co., Inc	945 Great Plain Ave, Needham 92, Mass	HI4-367
Mich	Hoehler-Paulman Co.	11833 Hamilton Ave, Detroit 3, Mich	TO8-332
Minn	Klass Co., The	814 S. 9th St. Mnpls 4	FE8-8427
Miss	E C Raymond & Associates	Box 8215, St. Petersburg, Fla	WA1-973
Mont	C B Parsons & Co.	3028 1st Ave. Seattle 1, Wash	MU2-678
Neb	Thunderbird Eng	7811 Carondelet Ave. St. Louis 5, Mo	PA6-1413
Nev	Newman/Rudat/Ewing	915 Terminal Way, San Carlos, Cal	LY1-030
NH	White Sales Co., Inc	945 Great Plain Ave, Needham 92, Mass	HI4-367
NJ	Leff & Eader Corp	11 Peppermint Ln. Levittown	TR7-404
NC	E C Raymond & Associates	Box 8215, St. Petersburg, Fla	WA1-973
ND	Klass Co., The	814 S. 9th St. Mnpls 4, Minn	FE8-8427
Ohio	Electro Com	5554 Pearl Rd. Cleve 29	TU6-2404
Okla	Lund & Co	2215 N. Olive St. Dallas 1, Tex	RI8-8839
Ore	C B Parsons & Co.	3028 1st Ave. Seattle 1, Wash	MU2-6780
Pa	Leff & Eader Corp.	11 Peppermint Ln. Levittown, NJ	TR7-4040
Pa	Electro Com	5554 Pearl Rd. Cleve 29, Ohio	TU6-2404
RI	White Sales Co., Inc	945 Great Plain Ave, Needham 92, Mass	HI4-3676
SC	E C Raymond & Associates	Box 8215, St. Petersburg, Fla	WA1-9735
SD	Klass Co., The	814 S. 9th St. Mnpls 4, Minn	FE8-8427
Tenn	E C Raymond & Associates	Box 8215, St. Petersburg, Fla	WA1-9735
Tex	Lund & Co	2215 N. Olive St. Dallas 1	RI8-8839
Vt	White Sales Co., Inc	945 Great Plain Ave, Needham 92, Mass	HI4-3676
Va	Leff & Eader Corp.	11 Peppermint Ln. Levittown, NJ	TR7-4040
Wash	C B Parsons & Co.	3028 1st Ave. Seattle 1	MU2-6780
W Va	Electro Com	5554 Pearl Rd. Cleve 29, Ohio	TU6-2404
Wis	Hill & Gray Inc	821 Garfield, Oak Park, Ill	ES8-7050
Wis	Klass Co., The	814 S. 9th St. Mnpls 4, Minn	FE8-8427
Wisc	Hill & Gray Inc	41 1/2 Harrison St, Oak Park, Ill	ES8-7050
Wisc	Northport Engineering Inc	1720 Selby Ave, St. Paul 4, Minn	
Canada	J J MacQuarrie	46 St. George St, Toronto 5, Canada	WA3-2455
Foreign	Buck International Co.	Box 45, Brookdale Sta, Bloomfield, NJ	PI3-8110

LINEAR INC .... **State Rd & Levick St, Philadelphia, Pa** **MA4-4700**
E Heintz #8 *430 E 895-900-1545-1550-1555

TERR			TEL. NO.
Alas	Dascomp Aircraft Supplies	Box 27, Boeing Field, Wash	PA5-3481
Ariz	Rowe Sales Co	323 E McDowell Rd. Phoenix	AL4-3148
Cal	Haskel Seals Div	225 11th St. San Francisco 3	UN3-1489
Cal	Haskel Seals Div	1236 S Central Ave. Glendale 4	CH5-6811
Colo	Haskel Seals Div	11320 E 7th Ave. Aurora 8	EM6-7148
Conn	Elastolines Inc	144 Willard Ave. Newington 11	AD6-0963
Del	H E Haefner	6400 State Rd. Philadelphia 35, Pa	MA4-4700
DC	H E Haefner	6400 State Rd. Philadelphia 35, Pa	MA4-4700
Fla	Van Dusen Aircraft	Box 149, Miami 48	
Ga	Fluid Power Div	649 Ashby St. NW, Atlanta 18	TR2-9835
Idah	Packing Supply Co	2820 S 2nd, W, Salt Lake City, Utah	HU7-7849
Ill	Product Sales & Engineering Co.	5938 N Pulaski Ave. Chicago 46	IN3-6707
Ind	Federal Industrial Sales	RR 5, Columbus	OR2-7131
Kan	Wilco Co	228 S. Wichita, Wichita, Kan	AM5-5643
Me	J Royal Co., Inc	251 County Rd, Barrington, RI	CH5-2700
Md	H Haefner	6400 State Rd, Philadelphia 35, Pa	MA4-4700
Mass	J Royal Co., Inc	251 County Rd, Barrington, RI	CH5-2700
Mich	Interstate Tubing Sales Co	22321 W Warren Ave. Dearborn 6	CR8-7800
Mo	Home Rubber Co.	1512 Main St, Kansas City 8, Mo	BA1-4800
Mo	John E Brazle & Co	157 W Argonne Drive, Kirkwood 22	YO5-3755
Mont	Calkins Mfg Co	N 1107 Atlantic, Spokane, Wash	FA5-4518
Nev	Lamel Co. Inc., The	5991 Avalon Blvd. Los Angeles, Cal	AD3-5225

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NH	J Royal Co., Inc	251 County Rd, Barrington, RI	CH5-2700
NJ	Seals-East Orange	393 Central Ave. East Orange	OR4-8888
NM	Hackel Seals Div	11770 E 7th Ave. Aurora 8, Colo	EM-7141
NY	J M Cranz Co	2671 Main St, Buffalo 14, NY	AM8300
NY	Seals-East Orange	393 Central Ave. East Orange, NJ	OR4-8888
Ohio	Buckeye Rubber & Packing Co	11407 Woodland Ave, Cleveland 20, Ohio	SW5-7070
Ohio	Anchor Rubber Co	840 S. Patterson Ave, Dayton, Ohio	BA3-5191
Ohio	Burt Oak Belting Co	318 Findlay St, Cincinnati 14, Ohio	MA1-5474
Okla	W Maxwell	P.O.Box 10483, Dallas 7, Tex	TA1-9933
Okla	Tulsa Gasket Mfg Co	3910 E Pine St. Tulsa	WE2-3214
Ore	Components Parts Co	95 Kemp St. Eugene	
Pa	H Haefner	6400 State Rd, Philadelphia 35, Pa	MA4-4700
Pa	Collins Packing Co	401 N Broad St. Philadelphia 8	VA5-9543
RI	J Royal Co., Inc	251 County Rd, Barrington, RI	CH5-2700
Tex	W Maxwell	P.O.Box 10483, Dallas 7, Tex	TA1-9933
Tex	Lamons Metal Gasket Co	3600 Canal St. Houston	CA2-0286
Tex	Assoc Aircraft Supply	5021 W Jefferson, Dallas 11	RI8-5358
Utah	Packing Supply Co	2620 S 2nd, W, Salt Lake City	HU7-7849
Vt	Electrolines Inc	144 Willard Ave, Newington, Conn	AD6-5863
Wash	Spencer Aircraft Industries	8410 Dallas Ave. Seattle 8	PA3-0911
Wash	Calkins Mfg Co	N 1107 Atlantic, Spokane	FA5-4518
W Va	Industrial Rubber Products	305 Court St. Charleston	DI6-0549
Wisc	Robbins Plastics & Rubber Co	Ostenburg, Wisc	CE7-0900
Wyo	Packing Supply Co	2620 S 2nd, W, Salt Lake City, Utah	HU7-7849
For	Armor Products Inc	74 Trinity Pl. New York 6, NY	BO9-6780
	LINELL ENGINEERING CORP	**3974 N. Avondale, Chicago 41, Ill**	**AV3-0451**
	A Niemier A 320-880-1855		
	LINEMASTER SWITCH CORP.	**Box 52, Woodstock, Conn.**	**WA8-6538**
	W Johnson #2 *30 1735		
Cal	J Kretszyner	544 Market St, San Francisco 4, Cal	
Cal	Maddox Sales Co	914 E. 3rd St, Los Angeles 13, Cal	
Colo	Hyde Electronics Co	188 S. Lipan St, Denver 23, Colo	
Ga	V A McConvey Co	2469 N. Decatur Rd. Decatur	
Ill	Schrade-Batterson Co	5253 W. Belmont Ave, Chicago 41, Ill	
Kan	B-C Control Co	1332 Oak St. KC, Mo	
Mich	A E Little Co	19755 James Couzens Hwy. Detroit 35	
Minn	Daniel R Schmidt Co	1001 W. Lake St, Minneapolis 26, Minn	
Mo	Richard E Greene	569 Melville, St. Louis 30	
Ohio	Technical Associates Inc	4475 Lander Rd, Chagrin Falls, Ohio	
Ore	Wayne C Wells Co	6015 N.E. Glisan, Portland 13, Ore	
Tex	Hal F Corry Co	6315 Hillcrest Ave. Dallas 5	
Canada	Constellation Components Co	131 Tower Dr, Scarborough, Ontario, Canada	
	LING ELECTRONICS DIV. LING-TEMCO ELECTRONICS, INC	**1515 S Manchester Ave. Anaheim, Cal.**	**PR4-2900**
	E Andress 250-325-338-610-895-1145-1655-1675-1850-1870-1935		
Ala	Murphy & Cota	250 Governors Dr S.E., Huntsville, Ala	
Cal	Mar-Tec Electronics	9153 E Florence, Downey	WA3-5578
Colo	Parrish Electronics	2130 S Albion, Denver 22	SK6-9455
DC	Brimberg Assoc	1343 H St. NW, Washington	DI7-4234
Fla	Murphy & Cota	2319 E South St. Orlando	GA4-5633
Ga	Murphy & Cota	2110 Peachtree, NE, Atlanta	TR6-3020
Ill	Hugh Marsland & Co	6550 Lincoln Ave, Chicago 45, Ill	
Ind	Hugh Marsland & Co	673 E. 19th St, Indianapolis, Ind	
Mass	Measurement Eqpt Co. Inc	244 Main St. N Reading	NO4-3166
Mich	Tower Engineering Co	19764 James Couzens Hwy, Detroit 35	
Minn	Hugh Marsland & Co	231 Edgewood, Minneapolis, Minn	
NJ	Tel-Sel, Inc	54 Route 17, Paramus, NJ	
NM	Parrish Electronics	1417 San Mateo, NE, Albuquerque	
NC	Murphy & Cota	1107 Burke St, Winston-Salem, NC	
Ohio	Tower Engineering Co	3898 Linden Ave, Dayton 32, Ohio	
Ohio	Tower Engineering Co	2138 Lee Rd, Cleveland Heights 18, Ohio	
Tex	Corry-Ruth Co	4060 Camp Bowie Blvd, Fort Worth, Tex	
Utah	Parrish Electronics	12 E Stratford Ave. Salt Lake	HU7-7847
Wash	S L Cone Co. Inc	2413 160 NE, Bellevue	GL4-4642
Can	Mel Sales, Ltd	1969 Avenue Rd. Toronto 12	HU1-0231
For	Rocke International Corp	13 E 40th St. New York 16, NY	MU9-0200
•	**LING-TEMCO ELECTRONICS INC. MICROMODULAR COMPONENTS DIV.**	**1859 S Manchester, Anaheim, Cal**	
	G Hughes #15 *50 D 275-330-470-895-1150-1445		
Ala	Floyd Fausett & Co	777 Pinehurst Terr. SW, Atlanta 10, Ga	PL3-3104
Ariz	E V Roberts & Assoc Inc	340 N Marshall Ave. Scottsdale	
Ark	Hal F Corry Co	6315 Hillcrest Ave. Dallas, Tex	LO8-9172
Cal	E V Roberts & Assoc Inc	5068 W Washington Blvd. LA	
Conn	Samuel Bialek Assoc	205 E 42nd St. New York 17, NY	MU4-1655
Fla	Floyd Fausett	11 White Ave. Anna Maria	
Ga	Floyd Fausett & Co	777 Pinehurst Terr. SW, Atlanta 10	PL3-3104
Idah	L S Cone Co	2413 160th, NE, Bellevue, Wash	
Ill	R T Matthews	2113 Western Ave. Chicago	
Ind	Scott & Steffen Inc	915 N Penna Ave. Indianapolis	
Ind	R T Matthews Co	5960 Norwaldo Ave. Indianapolis	
Iowa	R T Mathews	1127 Wells St. Ft Wayne, Ind	EA3917
Kan	R T Mathews	1127 Wells St. Ft Wayne, Ind	EA3917
Ky	Scott & Steffen Inc	366 Francis Bldg. Louisville	
La	Hal F Corry Co	6315 Hillcrest Ave. Dallas, Tex	LA8-9172
Mich	Electro Rep	19321 Clairview Ct. W, Detroit 36	TU1-1622
Minn	R T Mathews	1127 Wells St. Fort Wayne, Ind	EA3917
Miss	Floyd Fausett & Co	777 Pinehurst Terr. SW, Atlanta 10, Ga	PL3-3104
Mo	R T Mathews	1127 Wells St. Ft Wayne, Ind	EA3917
Mont	L S Cane Co	2413 160th, NE, Bellevue, Wash	
NJ	Samuel Bialek Assoc	205 E 42nd St. New York 17, NY	MU4-1655
NY	Samuel Bialek Assoc	205 E 42nd St. New York 17	MU4-1655
NC	Floyd Fausett & Co	777 Pinehurst Terr. SW, Atlanta 10, Ga	PL3-3104
Ohio	Scott & Steffen Inc	1836 Euclid Ave. Cleveland 15	
Okla	Hal F Corry Co	6315 Hillcrest Ave. Dallas, Tex	LA8-9172
Ore	L S Cane Co	2413 160th, NE, Bellevue, Wash	
Pa	Scott & Steffen Inc	313 Empire Bldg. Pittsburgh	
SC	Floyd Fausett	Stony Point Hwy. Greenwood	
Tenn	Floyd Fausett & Co	777 Pinehurst Terr. SW, Atlanta 10, Ga	PL3-3104
Tex	Hal F Corry Co	6315 Hillcrest Ave. Dallas	LA8-9172
Va	Floyd Fausett & Co	777 Pinehurst Terr. SW, Atlanta 10, Ga	PL3-3104
Wash	L S Cane Co	2413 160th, NE, Bellevue	
W Va	Scott & Steffen Inc	1835 Euclid Ave. Cleveland 15, Ohio	TO1-2626
Wis	R T Mathews Co	1127 Wells St. Fort Wayne, Ind	EA3917

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	LINK DIV. GEN. PRECISION, INC	**Nowlan Rd, Hillcrest Binghamton, NY**	**RA3-9311**
	J Barron #600 *2,600 G 20-250-325-338-475-565-755-895-1515-1610		
Cal	Palo Alto Lab	1451 California Ave. Palo Alto	DA6-2776
Cal	Link Div. G.P.I	7146 Hollywood Blvd, Hollywood, Cal	HO4-7566
DC	Link Div. GPI	724 14th St. NW, Washington 5	EX3-0812
Ohio	Link Div. GPI	333 W. 1st St. Dayton 2	BA4-3371
Tex	Link Div. GPI	4712 Everest Dr. Fort Worth 15	EX2-0922
Utah	Link Div. GPI	2030 Texas St. Salt Lake City 8	HU5-0647
•	**LIONEL CORP., THE**	**Hoffman Pl. Hillside, NJ**	
	P Morrissy 360-805-925-1460-1735		
	For Sales Representatives: See Anton Electronics Labs Inc. Div. Lionel Corp.		
	LIPPS ENGINEERING, EDWIN A	**1511 Colorado Ave, Santa Monica, Cal**	**EX3-0449**
	B Lipps #3 *15 338-810		
	LIQUID NITROGEN PROCESSING CORP	**451 Booth St, Chester, Pa**	**TR4-6354**
	1290		
	LIQUIDOMETER CORP	**41-03 36th St, Long Island City 1, NY**	**ST4-1440**
	H Cullinan #40 *1000 G 345-360-895-915-1135-1330-1460-1735-1850-1855-1915		
Cal	The Liquidometer Corp	8264 Santa Monica Blvd, Los Angeles 46	OL4-8402
Wash	E Brady	422 Smith Tower, Seattle 4, Wash	MA3-4775
Canada	Liquidometer of Canada, Ltd	1740 Cote Vertu, Montreal 9, P.Q. Canada	RI4-3266
	LITTELFUSE, INC	**1865 Miner St, Des Plaines, Ill**	**VA4-1188**
	300-740-845		
Ala	Al Engelman Co	3205 Crump Ave, Memphis 12, Tenn	GL8-6263
Alas	Dave M Lee Co	3527 NE. Union Ave. Portland 12, Ore	AT8-5796
Ariz	Harry Moore Sales Co	4142 N. 16th St, Phoenix, Ariz	CR4-0060
Ark	Crockett Sales Co	2204 Griffin St, Dallas 2, Tex	RI2-5764
Cal	Wm. J. Purdy Co	312 7th St, San Francisco, Cal	UN3-3300
Cal	Ash M. Wood Co	Box 1158, Arcadia, Cal	CU3-1201
Colo	McLoud & Raymond Co	2151 S. Grape St. Denver 22	SK6-1589
Conn	Charles Segel Co	1262 Commonwealth Ave, Boston 34, Mass	BE2-2555
Del	Samuel A. Jeffries	105 Forrest Ave, Narberth, Pa	MO4-8500
D.C (Wash)	Samuel A. Jeffries	105 Forrest Ave, Narberth, Pa	MO4-8500
Fla	Frank C. Nickerson Co	Box 32-2 Little River Sta, Miami, Fla	PL1-4292
Ga	Frank C. Nickerson Co	626 Medlock Rd, Decatur, Ga	ME5-2752
Haw	Jim Hastie Sales	Box 2088, Honolulu 5	HO507-171
Idah	McLoud & Raymond Co	2151 S Grape St. Denver 22, Colo	SK6-1589
Idah	Dave M Lee Co	3527 NE. Union Ave. Portland 12, Ore	AT8-5796
Ill	Markal Sales Corp	2639 W. Peterson, Chicago 45	LO1-7290
Ill	W E Fry & Co. Inc	406 W. 34th St. KC 11, Mo	JE1-5236
Ind	Leslie M. DeVoe Co	4030 Washington Blvd, Indpls 5, Ind	AT3-1395
Iowa	W.E. Fry & Co., Inc	406 W. 34th St, Kansas City 11, Mo	JE1-5236
Kan	W.E. Fry & Co., Inc	406 W. 34th St, Kansas City 11, Mo	JE1-5236
Ky	Leslie M. DeVoe Co	4030 Washington Blvd, Indpls 5, Ind	AT3-1395
La	Crockett Sales Co	2204 Griffin St, Dallas 2, Tex	RI2-5764
Me	Charles Segel Co	1262 Commonwealth Ave, Boston 34, Mass	BE2-2555
Md	Samuel A. Jeffries	105 Forrest Ave, Narberth, Pa	MO4-8500
Mass	Charles Segel Co	1262 Commonwealth Ave, Boston 34, Mass	BE2-2555
Mich	R. C. Merchant & Co., Inc	18411 W. McNichols, Detroit, Mich	KE5-6000
Minn	Northern States Sales Co	1400 Park Ave. Mpls	FE3-2521
Miss	A.S. Engelman	3205 Crump Ave, Memphis 12, Tenn	GL8-6263
Mo	W.E. Fry & Co	406 W. 34th St, Kansas City 11, Mo	JE1-5236
Mont	McLoud & Raymond Co	2151 S. Grape St. Denver 22, Colo	SK6-1589
Neb	W.E. Fry & Co	406 W. 34th St, Kansas City 11, Mo	JE1-5236
Nev	Wm. J. Purdy Co	312 7th St, San Francisco, Cal	UN3-3300
Nev	Ash M. Wood Co	Box 1158, Arcadia, Cal	CU3-1201
NH	Charles Segel	1262 Commonwealth Ave, Boston 34, Mass	BE2-4334
NJ	Jules J. Bressler	4808 Bergenline Ave, Union City, NJ	UN4-9577
NJ	Sydney H. Baum	70-15 Fleet St, Forest Hills, NY	BO3-8101
NM	McLoud & Raymond Co	2151 S. Grape St. Denver 22, Colo	SK6-1589
NY	Jules J. Bressler	4808 Bergenline Ave, Union City, NJ	UN4-9577
NY	Sydney H. Baum	70-15 Fleet St, Forest Hills, NY	BO3-8101
NY	R.W. Mitscher Co	487 Ellicott Sq Bldg, Buffalo 3, NY	WA 2517
NC	Frank C. Nickerson Co	2334 Orton St, Charlotte, NC	EX9-3673
ND	Northern States Sales Co	1400 Pk. Ave. Mpls. Minn	FE3-2531
Ohio	Neal Bear Corp	3435 Streetsboro Rd, W. Richfield, Ohio	OL9-3331
Okla	Lund & Co	2215 N. Olive St, Dallas, Tex	RI8-8839
Ore	Dave M. Lee Co	3527 N.E. Union Ave, Portland 12, Ore	AT8-5796
Pa	Samuel A. Jeffries	105 Forrest Ave, Narberth, Pa	MO4-8500
RI	Charles Segel Co	1262 Commonwealth Ave, Boston 34, Mass	BE2-4334
SC	Frank Nickerson Co	2334 Orton St, Charlotte, NC	EX9-3673
SD	Northern States Sales Co	1400 Pk. Ave. Mpls. Minn	FE3-2531
Tenn	Al Engelman Co	3205 Crump Ave, Memphis 12, Tenn	GL8-6263
Tex	Lund & Co	2215 N. Olive St, Dallas, Tex	RI8-8839
Utah	McLoud & Raymond Co	2151 S Grape St. Denver 22, Colo	SK6-1589
Vt	Charles Segel Co	1262 Commonwealth Ave, Boston 34, Mass	BE2-4304
Va	Samuel A. Jeffries	105 Forrest Ave, Narberth, Pa	MO4-8500
Wash	Dave M Lee Co	3527 NE. Union Ave. Portland 12, Ore	AT8-5796
W.Va	Samuel A. Jeffries	105 Forrest Ave, Narberth, Pa	MO4-8500
Wis	Northern States Sales Co	1400 Pk. Ave. Mpls. Minn	FE3-2531
Wyo	McLoud & Raymond & Co	2151 S. Grape St. Denver 22, Colo	SK6-1589
Foreign	Ad Auriema, Inc	85 Broad St, New York 4, NY	BO9-7750
	LITTLE INC., ARTHUR D	**15 Acorn Park, Cambridge, Mass**	**UN4-5770**
	W Berg #200 *1450 F 1225		
	LITTLE FALLS ALLOYS INC	**190 Caldwell Ave, Paterson 1, NJ**	**LA5-1014**
	1960		
Cal	E Jordan Brookes Co., Inc	6601 Telegraph Rd, Los Angeles, Cal	RA3-8431
Ill	Guardian Metal Sales Co., Inc	5000 W. Bloomingdale Ave, Chicago, Ill	NA2-5800
Minn	Eiler Equipment Co	1107 S. 3rd St, Minneapolis, Minn	FE2-8881
Mo	B C MacDonald & Co	3829 W. Pine Blvd, St Louis, Mo	
	LITTON ENGINEERING LABS	**Box 949, Grass Valley, Cal**	**273-6176**
	F Towne #1 *58 C 240-695-735-1075-1215-1375-1545-1875-1890-1945		
•	**LITTON INDUSTRIES-ELECTRON TUBE DIV**	**960 Industrial Rd, San Carlos, Cal**	**LY1-8411**
	J McCullough #125 *1,150 G 338-470-895-1135-1430-1880		
Cal	Litton Industries	5873 Rodeo Rd. LA	UP0-9011
DC	Litton Industries	1625 I St, N.W., Washington 6, DC	EX3-4991
NJ	Litton Industries	Box 548, Morristown	CA3-4160
NY	Litton Industries	56 Church St, White Plains, NY	RO1-3865
Ohio	Litton Industries	330 W. First St, Dayton 2, Ohio	BA3-4156

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	LITTON INDUSTRIES INC. POTENTIOMETER DIV	**200 E. 3rd St. Mount Vernon, NY**	**MO7-6607**
	E Jette #25 *250 A 1330		
Ariz	Enright Eng. Co	302 W. Arbor Vitae St. Inglewood, Cal	OR3-0206
Ark	J F McKinney Sales	1303 Chemical St. Dallas 7, Tex	
Cal	Enright Eng. Co	302 W. Arbor Vitae St. Inglewood	OR3-0206
Conn	Palioca Inc	1787 Mass. Ave. Lexington, Mass	VO2-7224
Del	Dickison Sales Co., Inc	302 Marlton Pike, Erlton, NJ	HA8-4086
DC	Dickison Sales Co. Inc	302 Marlton Pike, Erlton, NJ	HA8-4086
Ill	Pivan Engineering Co	3542 W. Peterson Ave, Chicago 45, Ill	BR4-9135
Ind	Pivan Eng. Co	3542 W. Peterson Ave, Chicago 45, Ill	KE9-4838
Kan	Buse Sales Co	924 N. Benton St. St. Charles, Mo	RA4-6667
Ky	Pivan Eng. Co	3542 W. Peterson Ave. Chicago 45, Ill	KE9-4838
La	J McKinney Sales	1303 Chemical St. Dallas 7, Tex	RI1-1368
Me	Palioca Inc	1787 Mass. Ave. Lexington, Mass	VO2-7224
Md	Dickison Sales Co. Inc	302 Marlton Pike, Erlton, NJ	HA8-4086
Mass	Palioca Inc	1787 Massachusetts Ave. Lexington	VO2-7224
Minn	Robert W Marshall	6106 Excelsior Blvd, Mnpls 16, Minn	WE9-0457
Mo	Buse Sales Co	924 N. Benton St. St. Charles	RA4-6667
Mont	Robert W Marshall Co	6106 Excelsior Blvd. Mnpls, Minn	WE9-0457
Neb	Buse Sales Co	924 N. Benton St. St. Charles, Mo	RA4-6667
Nev	Enright Eng. Co	302 W. Arbor Vitae St. Inglewood, Cal	OR3-0206
NH	Palioca Inc	1787 Mass. Ave. Lexington, Mass	VO2-7224
NJ	E R A Inc	340 Great Neck Rd. Great Neck	HU2-9320
NJ	Dickison Sales Co., Inc	302 Marlton Pike, Erlton, NJ	HA8-4086
NJ	E R A Inc	340 Great Neck Rd, Great Neck, NY	HU2-9320
NY	E R A Inc	340 Great Neck Rd, Great Neck, NY	HU2-9320
ND	Robert W. Marshall Co	6106 Excelsior Blvd. Mpls, Minn	WE9-0457
Ohio	Rixan Assoc. Inc	33 W. Stratford Ave. Dayton 2	BA2-0011
Ore	Enright Eng. Co	302 W. Arbor Vitae St. Inglewood, Cal	OR3-0206
Pa	Dickison Sales Co., Inc	302 Marlton Pike, Erlton, NJ	HA8-4086
RI	Palioca Inc	1787 Mass. Ave. Lexington, Mass	VO2-7224
SD	Robert W Marshall	6106 Excelsior Blvd. Mpls 16, Minn	WE9-0457
Tex	Jack F McKinney Sales	1303 Chemical St. Dallas 7	RI1-1368
Utah	Enright Eng. Co	302 W. Arbor Vitae St. Inglewood, Cal	OR3-0206
Vt	Palioca Inc	1787 Mass. Ave. Lexington, Mass	VO2-7224
Va	Dickison Sales Co Inc	302 Marlton Pike, Erlton, NJ	HA8-4086
Wash	Enright Eng. Co	302 W. Arbor Vitae St. Inglewood, Cal	OR3-0206
Wis	Robert W Marshall Co	6106 Excelsior Blvd. Mpls, Minn	WE9-0457
	LIVINGSTON ELECTRONIC CORP.	**Livingston 3, NJ**	**CA6-3333**
	B Hart #6 *35 B 345-1130-1215-1425-1460-1580-1630-1640-1675-1735-1760 1810-1815-1845-1870		
Ill	William Hamilton	5517 N. Elston Ave, Chicago, Ill	SP5-2288
NJ	Charles E Smiley	325 Runnymede Rd. Essex Fells	CA6-3333
NY	Edward Polk	1551 Franklin Ave. Mineola	PI1-7044
Ohio	Arnold Johnson Co	8020 Montgomery Rd. Cinc 36	LO1-8826
	LOCKHEED ELECTRONICS CO AVIONICS & IND PRODS DIV	**6201 E Randolph St. LA 22, Cal**	**OV5-7070**
	J Hyatt #30 *510 F 280-338-365-380-1150-1330-1850-1855		
	LOCKHEED ELECTRONICS CO. INFO TECH DIV	**Metuchen, NJ**	**LI9-4430**
	F Cope #200 *300 G 35-338-1435-1810-1910		
	LOCKHEED ELECTRONICS CO. MILITARY SYSTEMS DIV	**US Hwy. 22, Plainfield, NJ**	**PL7-1600**
	H Bradfield #250 *900 G 45-280-338-775-1395-1855		
	LOGE ELECTRONICS, INC	**2171 W Washington Blvd. L A 18, Cal**	**RE4-9178**
	#2 *26 C 895-910-1370		
	LONDON CHEMICAL CO. INC	**1535 N. 31st Ave. Melrose Park, Ill.**	**AU7-9495**
	K Anderson *9 265-700-1715		
Cal	Claude Michael Inc	113 W. Ivy St. Glendale 4	CH5-8401
For	Neuert Britton Assoc	32 W. Randolph, Chicago, Ill	
	LONG-LOK CORP	**4105 Redwood Ave. Los Angeles 66, Cal**	**EX1-7128**
	T Nason #2 *40 D 1535		
Cal	Gordon H Proffitt	World Trade Ctr, San Francisco 11, Cal	DO2-1464
Conn	Paul E Wolfe & Associates	467 Ridge View Rd, Orange, Conn	SY5-4343
Del	C C Seidenstricker	3403 Elmora Ave. Baltimore, Md	BR6-6935
DC	C C Seidenstricker	3403 Elmora Ave. Baltimore, Md	BR6-6935
Ill	Barth & Reynolds Co	7117 W. Addison St, Chicago, Ill	KI5-7975
Ind	G & H Sales Co	Box 416, Cincinnati 37, Ohio	JE1-0553
Iowa	Reliance Sales & Engrg	221 - 14th Ave S, Minneapolis, Minn	FE3-2386
Kan	Zak & Assoc. Inc	7730 Carondelet, St Louis 4, Mo	PA7-8559
Ky	G & H Sales Co	Box 416, Cincinnati, Ohio	JE1-0553
Md	C C Seidenstricker	3403 Elmora Ave. Baltimore	BR6-6935
Mich	G & H Sales Co	Box 416, Cincinnati, Ohio	JE1-0553
Minn	Reliance Sales & Engineering Co	221 14th Ave, S., Minneapolis 4, Minn	FE3-2386
Mo	Zak & Assoc. Inc	7730 Carondelet, St Louis	PA7-8559
NY	Wareluk Inc	P.O. Box 382, Eastwood Sta, Syracuse	HO3-2001
NY	Long-Lok Eastern Corp	68 Urban Ave, Westbury, NY	
ND	Reliance Sales & Engrg	221 14th Ave S, Minneapolis, Minn	FE3-2386
Ohio	G & H Sales Co	Box 416, Cincinnati	JE1-0553
Okla	Zak & Assoc. Inc	7730 Carondelet, St Louis 5, Mo	PA7-8559
Ore	Duland Co., The	Box 142, Bellevue, Wash	GL4-4554
Pa	C C Seidenstricker	3403 Elmora Ave. Baltimore, Md	BR6-6935
SD	Reliance Sales & Eng	221 - 14th Ave S, Minneapolis, Minn	FE3-2386
Wash	C C Seidenstricker	3403 Elmora Ave. Baltimore, Md	BR6-6935
Wis	Barth & Reynolds Co	7117 W Addison, Chicago, Ill	KI5-7975
Canada	A J Campbell & Co	1440 St. Catherine St. W., Montreal, Can	UN6-3085
	LONG SAULT WOODCRAFT LTD	**St. Andrews E., Quebec, Canada**	**LE7-3341**
	E Jackson #6 *175 E 135-1135-1290		
	LONG INC THOMAS J	**215 Stonehinge La, Carle Place, NY**	**ED4-2390**
	J Desmond *60 E 120-660-715-750-770-900-920-975-1190-1245-1290-1295-1785-1940		
Conn	Norman A Terry	R F D 2, Pumpkin Hill, New Milford	EL4-7554
	LORAIN COUNTY RADIO CORP	**203 9th St, Lorain, Ohio**	**CH4-1195**
	J Cain #6 *45 C 325-1425-1870		
	LORAL ELECTRONICS CORP	**825 Bronx River Ave, New York 72, NY**	**TI2-9500**
	E Siegel #778 *2099 G 325-330-845-895-990-1135-1150-1425-1460-1960		
Cal	Loral Electronics Corp	12791 Newport Ave. Tustin	LI4-1330
DC	Loral Electronics Corp	1710 H St. NW, Wash 6	ST3-0104
Ohio	Loral Electronics Corp	304 Talbott Tower, Dayton 2	BA3-9142

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	LORD MFG CO	1635 W. 12th St, Erie, Pa	GL6-8511
	390-770-1170-1230		
Ala	Lord Mfg Co	3131 Maple Dr, Atlanta, Ga	CE7-9247
Ariz	Lord Mfg Co	7046 Hollywood Blvd, Los Angeles, Cal	HO4-7593
Ark	Lord Mfg Co	Gibraltar Life Bldg, Dallas, Tex	RI1-3392
Cal	Lord Mfg Co	7046 Hollywood Blvd, Los Angeles, Cal	HO4-7593
Cal	Lord Mfg Co	916 Kearny St, San Francisco, Cal	EX7-6280
Colo	Lord Mfg Co	916 Kearny St, San Francisco, Cal	EX7-6280
Conn	Lord Mfg Co	315 Bergen Mall-Paramus, NJ	DI3-5333
Conn	Lord Mfg Co	Statler Office Bldg, Boston, Mass	HA6-9135
Del	Lord Mfg Co	1420 Walnut St, Philadelphia, Pa	PE5-3559
DC	Lord Mfg Co	1420 Walnut St, Philadelphia, Pa	PE5-3559
Fla	Lord Mfg Co	1754 E. Morse Blvd, Winter Park	MI7-5511
Ga	Lord Mfg Co	3131 Maple Dr, Atlanta, Ga	CE7-9247
Ill	Lord Mfg Co	520 N. Michigan Ave, Chicago, Ill	MI2-6010
Ind	Lord Mfg Co	349 W. First St, Dayton, Ohio	BA4-0351
Ind	Lord Mfg Co	520 N. Michigan Ave, Chicago, Ill	MI2-6010
Iowa	Lord Mfg Co	520 N. Michigan Ave, Chicago, Ill	MI2-6010
Kan	Lord Mfg Co	4th W. 34th St, Kansas City, Mo	WE1-0138
Ky	Lord Mfg Co	349 W. First St, Dayton, Ohio	BA4-0351
La	Lord Mfg Co	Gibraltar Life Bldg, Dallas, Tex	RI1-3392
Me	Lord Mfg Co	Statler Office Bldg, Boston, Mass	HA6-9135
Md	Lord Mfg Co	1420 Walnut St, Philadelphia, Pa	PE5-3559
Mass	Lord Mfg Co	Statler Office Bldg, Boston, Mass	HA6-9135
Mich	Lord Mfg Co	18040 James Couzens Hwy, Detroit	DI1-4340
Mich	Lord Mfg Co	520 N. Michigan Ave, Chicago, Ill	MI2-6010
Minn	Lord Mfg Co	520 N. Michigan Ave, Chicago, Ill	MI2-6010
Miss	Lord Mfg Co	3131 Maple Dr, Atlanta, Ga	CE7-9247
Mo	Lord Mfg Co	4th W. 34th St, Kansas City, Mo	WE1-0138
Neb	Lord Mfg Co	4th W. 34th St, Kansas City, Mo	WE1-0138
Nev	Lord Mfg Co	7046 Hollywood Blvd, Los Angeles, Cal	HO4-7593
NH	Lord Mfg Co	Statler Office Bldg, Boston, Mass	HA6-9135
NJ	Lord Mfg Co	Bergen Mall, Paramus	DI3-5333
NM	Lord Mfg Co	4th W. 34th St, Kansas City, Mo	WE1-0138
NY	Lord Mfg Co	Bergen Mall, Paramus, NJ	BR9-8042
NY	Lord Mfg Co	Statler Office Bldg, Boston, Mass	HA6-9135
NC	Lord Mfg Co	3131 Maple Dr, Atlanta, Ga	CE7-9247
Ohio	Lord Mfg Co	18040 James Couzens Hwy, Detroit, Mich	DI1-4340
Ohio	Lord Mfg Co	349 W. First St, Dayton, Ohio	BA4-0351
Okla	Lord Mfg Co	Gibraltar Life Bldg, Dallas, Tex	RI1-3392
Ore	Lord Mfg Co	916 Kearny St, San Francisco, Cal	EX7-6280
Pa	Lord Mfg Co	1420 Walnut St, Philadelphia, Pa	PE5-3559
RI	Lord Mfg Co	Statler Office Bldg, Boston, Mass	HA6-9135
SC	Lord Mfg Co	3131 Maple Dr, Atlanta, Ga	CE7-9247
Tenn	Lord Mfg Co	3131 Maple Dr, Atlanta, Ga	CE7-9247
Tex	Lord Mfg Co	Gibraltar Life Bldg, Dallas, Tex	RI1-3392
Utah	Lord Mfg Co	7046 Hollywood Blvd, Los Angeles, Cal	HO4-7593
Vt	Lord Mfg Co	Statler Office Bldg, Boston, Mass	HA6-9135
Va	Lord Mfg Co	1420 Walnut St, Philadelphia, Pa	PE5-3559
Wash	Lord Mfg Co	916 Kearny St, San Francisco, Cal	EX7-6280
W. Va	Lord Mfg Co	349 W. First St, Dayton, Ohio	BA4-0351
Wisc	Lord Mfg Co	520 N. Michigan Ave, Chicago, Ill	MI2-6010
	LOUTHAN PLANT-REFRACTORIES DIV FERRO CORP	2000 Harvey Ave, E. Liverpool, Ohio	FU5-1534
	W Thornberry #4 *125 E 240-1890		
	LOWELL MFG CO	3030 Laclede Sta Rd, St Louis 17, Mo	ST1-9058
	B Bauer *105 E 55		
Ala	Stanley K Wallace Assoc	1115 Montclair Rd, Birmingham, Ala	LY2-6291
Alaska	Dave M Lee Co., Inc	2517 2nd Ave, Seattle 1, Wash	MA2-5512
Ariz	Harry Moore Sales Co	P.O. Box 7245, Phoenix, Ariz	CR4-0060
Ark	Jack Yount Co	1431 Pleasant Dr, Dallas 17, Tex	EX1-1631
Cal	Permutt Electronic Associates	5057 W. Washington Blvd, L A 16, Cal.	WE1-1041
Cal	F W Mauritzen Co	1530 E 12th St. Oakland	AN1-7676
Colo	McLoud & Raymond Co	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
Conn	W B Pray Sales	44 Washington St, Wellesley Hills 82, Mass	CE5-5518
Del	Art Cerf & Co	744 Broad St, Newark 2, NJ	MI2-6734
DC	Art Cerf & Co	6302 Lincoln Ave, Baltimore 9, Md	RO4-7189
Fla	Stanley K Wallace Associates	P.O. Box 67, Lutz, Fla	LU9-3241
Ga	Stanley K Wallace Associates	715 Flamingo Dr, S.W., Atlanta 11, Ga	PL3-8463
Hawaii	Dougherty Enterprises	P.O. Box 158, Kailua, Hawaii	
Idaho	McLoud & Raymond Co	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
Idaho	Dave M Lee Co., Inc	2517 2nd Ave, Seattle 1, Wash	MA2-5512
Ill	Theodore B Lowell	P.O. Box 26, Creve Coeur, St. L 41, Mo	WI7-1111
Ill	Jerome H Klekar Co	177 Sunset Ave, Glen Ellyn, Ill	GL 2297
Ind	Hoeming Sales Co	3415 Butler Ct, Ft Wayne, Ind	AN2083
Iowa	H W Kraggs Co	7503 Mella Ln, Belleville, Ill	EX7-2398
Kan	H W Kraggs Co	6606 N. Wayne St, Kansas City, Mo	GL3-3264
Ky	Hoeming Sales Co	3415 Butler Ct, Ft Wayne, Ind	AN2083
La	Jack Yount Co	3133 Santa Dr, Shreveport, La	WE1-0693
Me	W B Pray Sales	44 Washington St, Wellesley Hills 82, Mass	CE5-5518
Md	Art Cerf & Co	6302 Lincoln Ave, Baltimore 9, Md	RO4-7189
Mass	W B Pray Sales	44 Washington St, Wellesley Hills 82, Mass	CE5-5518
Mich	Burcaw-Cowan & Co	22128 Grand River Ave, Detroit 19, Mich	KE3-7700
Minn	A J Warner Co	5022 29th Ave, S., Minneapolis 17, Minn	PA9-7371
Miss	Stanley K Wallace Associates	P.O. Box 67, Lutz, Fla	WE9-3241
Mo	Theodore B Lowell	P.O. Box 26, Creve Coeur, St. Louis 41	WI7-1111
Mo	H W Kraggs Co	6606 N. Wayne St, Kansas City 18, Mo	GL3-3264
Neb	H W Kraggs Co	7503 Mella Ln, Belleville, Ill	EX7-2398
Nev	Permutt Electronic Associates	5057 W. Washington St, Los Angeles, Cal	WE1-1041
NH	W B Pray Sales	44 Washington St, Wellesley Hills 82, Mass	CE5-5518
NJ	Art Cerf & Co	744 Broad St, Newark 2, NJ	MI2-6734
NM	McLoud & Raymond Co	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
NY	Leon L Adelman Co	25 Chittenden Ave, New York 33, NY	SW5-1145
NY	Maury Farber Associates Inc	70 W. Chippewa, Buffalo 2, NY	MO3-5435
NC	Stanley K Wallace Associates	P.O. Box 11377, Charlotte, NC	JA3-6109
ND	A J Warner Co	5022 29th Ave, S., Minneapolis 17, Minn	PA9-7371
Ohio	John O Olsen Co	16801 Shaker Blvd, Cleveland 20, Ohio	SK2-5444
Okla	Jack Yount Co	1431 Pleasant Dr, Dallas 17, Tex	EX1-1631
Ore	Dave M Lee Co., Inc	3527 N.E. Union Ave, Portland 12, Ore	AT8-5796
Pa	Art Cerf & Co	3 Easton Ter, Easton, Pa	3-0695
Pa	John O Olsen Co	1143 Mayfield St, Pittsburgh 16, Pa	FI1-8391
RI	W B Pray Sales	44 Washington St, Wellesley Hills 82, Mass	CE5-5518
SC	Stanley K Wallace Associates	P.O. Box 67, Lutz, Fla	WE9-3241
SD	A J Warner Co	5022 29th Ave, S., Minneapolis 17, Minn	PA9-7371
Tenn	Stanley K Wallace Associates	638 Rochelle Dr, Nashville, Tenn	VE2-0794
Tex	Jack Yount Co	1431 Pleasant Dr, Dallas 17, Tex	EX1-1631

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Utah	McLoud & Raymond Co	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
Vt	W B Pray Sales	44 Washington St, Wellesley Hills 82, Mass	CE5-5518
Va	Art Cerf & Co	3202 Lincoln Ave, Baltimore 9, Md	RO4-7189
W. Va	John O Olsen Co	16801 Shaker Blvd, Cleveland 20, Ohio	SK2-5444
Wisc	Jerome H Klekar Co	177 Sunset Ave, Glen Ellyn, Ill	GL2297
Wyo	McLoud & Raymond Co	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
Foreign	Lowell G m b h	Barthelstrasse 97, Cologne, Germany	50641
•	**LUCAS MILHAUPT ENGRG CO**	5075 S Lake Dr. Cudahy, Wis	SH4-8700
	1635-1940-1960		
Ala	T S Stone Co	P.O. Box 1351, Knoxville, Tenn	KN8-1969
Ark	T S Stone Co	P.O. Box 1351, Knoxville, Tenn	KN8-1969
Cal	W E Zimmerman Co	497 N. Maple Dr. Beverly Hills, Cal	BR2-1181
Cal	W E Zimmerman Co	Town & Country Vlge, Palo Alto, Cal	DA1-7008
Miss	T S Stone Co	P.O. Box 1351, Knoxville, Tenn	KN8-1969
Tenn	T S Stone Co	P.O. Box 1351, Knoxville, Tenn	KN8-1969
	LUCAS-ROTAX LTD	Box 115, Sta H, Toronto 13, Ont, Can	PL5-4171
	W Santos #14 *552 895-915-1340-1800		
DC	W Clifton & Capital Airlines	Washington Airport, Wash	RE7-6830
	LUCIFER LTD	Geneva-Carouge, Switzerland	42.23.30
	A Holder #25 *250 E 1920		
•	**LUDLOW CORP**	Needham Heights 94, Mass	HI4-4900
	1220-1250-1290		
Cal	Ludlow Papers Div	4903 Everett St. LA	LU8-6526
Cal	Ludlow Papers Div	426 S. Spring St. LA 13	MA3-6373
Ill	Ludlow Plastics Div	1096 Cherry St, Winnetka	HI6-7283
Ill	Ludlow Papers Div	110 N. Franklin St. Chicago	FR2-2757
Mass	Ludlow Papers Div	50 Fountain St. Framingham	TR2-3546
Mass	Ludlow Papers Div	Cummings St. Ware	WO7-6204
NJ	Ludlow Papers Div	Netcong	NE2-1500
NY	Ludlow Plastics Div	12 E. 41st St. NY	LE2-6445
NY	Ludlow Papers Div	12 E. 41st St. NY	OR9-7890
Pa	Ludlow Papers Div	295 Beverly Rd, Pittsburgh	FL1-3545
Tenn	Ludlow Papers Div	774 Adams St. Memphis	JA6-5519
	LUDLOW-SAYLOR WIRE CLOTH CO	640 S. Newstead Ave, St. Louis 10, Mo	
	625-765-1530		
	LUMA ELECTRIC EQUIP CO	Box 132, Toledo 1, Ohio	GR5-4168
	R Hinds, Jr #4 *10 B 1825		
Conn	Emery B Hatch Co, Inc	43 Upham St, Melrose, Mass	NO5-0055
Ill	Gene R Crowe	1211 Isabella, Wilmette, Ill	[illegible]
Ill	George Hamilton	1300 Rosalie St, Evanston, Ill	UN4-8220
Ind	George Hamilton	1300 Rosalie St, Evanston, Ill	UN4-8220
Me	Emery B Hatch Co., Inc	43 Upham St, Melrose, Mass	NO5-0055
Mass	Emery B Hatch Co., Inc	43 Upham St, Melrose, Mass	NO5-0055
Mich	J E Zaiser	21 Reading Ave, Hillsdale, Mich	HE7-4589
Minn	William H Nelson Co	807 13th Ave, E, Minneapolis 4, Minn	FE3-1215
Mo	B C MacDonald & Co	629 W. 39th St, Kansas City, Mo	
NH	Emery B Hatch Co., Inc	43 Upham St, Melrose, Mass.	NO5-0055
NJ	R/D Associates	320 Downs, Ridgewood, NJ	GI5-0033
NY	R/D Associates	320 Downs, Ridgewood, NJ	GI5-0033
Ohio	J E Zaiser	21 Reading Ave, Hillsdale, Mich	HE7-4589
Pa	R/D Associates	320 Downs, Ridgewood, NJ	GI5-0033
Pa	J E Zaiser	21 Reading Ave, Hillsdale, Mich	HE7-4589
RI	Emery B Hatch Co, Inc	43 Upham St, Melrose, Mass	NO5-0055
Vt	Emery B Hatch Co., Inc	43 Upham St, Melrose, Mass	NO5-0055
•	**LUMATRON ELECTRONICS INC**	116 County Courthouse Rd, New Hyde Park, NY	PI7-3200
	J Phillips #6 *50 50-338-450-675-895-1135-1460-1630		
Ala	E G Holmes & Assoc	4969 Roswell Rd NE, Atlanta 5, Ga	BL5-6660
Ariz	Instruments for Measurements	3455 Cahuenga Blvd, Hollywood 28, Cal	HO9-7294
Ark	Wallace Associates	P.O. Box 13203, Dallas 20, Tex	FL7-7080
Cal	Instruments for Measurements	3455 Cahuenga Blvd, Hollywood 28, Cal	HO9-7294
Conn	George Gostenhofer & Associates	7 Wellington St, Waltham, Mass	TW4-9500
Del	Engineering Assoc	2125 Maryland Ave, Baltimore 18, Md	HO7-1966
DC	Engineering Assoc	2125 Maryland Ave, Baltimore 18, Md	HO7-1966
Fla	E G Holmes & Assoc	1220 Edgewater Dr. Orlando	CH1-2128
Ga	E G Holmes & Assoc	4969 Roswell Rd NE, Atlanta 5	BL5-6660
La	Wallace Associates	P.O. Box 13203, Dallas 20, Tex	FL7-7080
Me	George Gostenhofer & Associates	7 Wellington St, Waltham, Mass	TW4-9500
Md	Engineering Assoc	2125 Maryland Ave. Baltimore 18	HO7-1966
Mass	George Gostenhofer & Associates	7 Wellington St, Waltham, Mass	TW4-9500
Mass	Charles A Wrinick Co	1445 Valencia Rd, Schenectady 9, NY	EX3-2268
NH	George Gostenhofer & Associates	7 Wellington St, Waltham, Mass	TW4-9500
NJ	Holdsworth & Co	Box 71, Lansdowne, Pa	MA6-8300
NJ	Central Assoc	44 N Dean, Englewood	LO8-0808
NY	Central Assoc	44 N Dean, Englewood, NJ	PY6-0577
NY	Charles Wrinick Co	1445 Valencia Rd, Schenectady 9, NY	EX3-2268
NC	E G Holmes & Assoc	441 W Market St, Greensboro	BR2-0855
Okla	Wallace Associates	P.O. Box 13203, Dallas 20, Tex	FL7-7080
Ore	Paratech	9210 28th, NW, Seattle, Wash	SU4-6447
Pa	Holdsworth & Co	Box 71, Lansdowne	MA6-8300
RI	George Gostenhofer & Associates	7 Wellington St, Waltham, Mass	TW4-9500
SC	E G Holmes & Assoc	4969 Roswell Rd NE, Atlanta 5, Ga	BL5-6660
Tenn	Roy Attaway Co	P.O. Box [illegible], Decatur, Ga	DR7-6343
Tenn	E G Holmes & Assoc	4969 Roswell Rd NE, Atlanta 5, Ga	BL5-6660
Vt	George Gostenhofer & Associates	7 Wellington St, Waltham, Mass	TW4-9500
Vt	Charles A Wrinick Co	1445 Valencia Rd, Schenectady 9, NY	EX3-2268
Va	Engineering Assoc	2125 Maryland Ave, Baltimore 18, Md	HO7-1966
Wash	Paratech	9210 28th NW, Seattle	SU4-6447
Can	Instronics Ltd	Box 100, Stittsville, Ont	TA8-1253
Foreign	Terminal Radio International Ltd	240 W 17th St, New York 6, NY	CH3-5200
	LUMEN INC	P. O. Box 985, Joliet, Ill	SA3-9324
	K Steuben #20 *200 E 40-275-320-330-360-365-470-675-670-895-915-1045-1075-1100-1135-1145-1150-1200-1240-1420-1455-1460-1645-1795-1850-1855-1920		
Ariz	Frank A Emmet Co	1810 Fair Oaks Ave, S Pasadena, Cal	MU2-3721
Cal	Electrosources, Inc	508 Cowper St. Palo Alto	DA1-0776
Cal	Frank A Emmet Co	1810 Fair Oaks Ave, S Pasadena	MU2-3721
Conn	Thorburn Kennedy Co	19 Forest Rd, Wakefield, Mass	CR6-5532
Del	Andco Sales Engineering Inc	5823 Greene St, Philadelphia, Pa	VI4-9100
DC	Andco Sales Engineering Inc	5118 Baltimore Ave, Hyattsville, Md	AP7-4342
Ill	Ralph F Roussey & Associates Inc	425 Edgewood Pl, River Forest, Ill	FO9-6523
Ill	Kelly-Schmitz-Winkeler Assoc	2309 Hampton Ave. St Louis 10, Mo	OL2-6455

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ind	Ralph F Roussey & Assoc	7803 W Lake St. River Forest, Ill	FO9-6523
Iowa	Kelly-Schmitz-Winkeler Assoc	2309 Hampton Ave. St. Louis 10, Mo	OL2-6455
Iowa	Kelly-Schmitz-Winkeler Assoc	417 W 74th St. Terrace, Kansas City, Mo	EM1-5651
Kan	Kelly-Schmitz-Winkeler Assoc	417 W 74th St. Terrace, Kansas City, Mo	EM1-5651
Ky	Ralph F Roussey & Assoc	7803 W Lake St. River Forest, Ill	FO9-6523
Me	Thorburn Kennedy Co	19 Forest Rd, Wakefield, Mass	CR6-5532
Mass	Thorburn Kennedy Co	19 Forest Rd, Wakefield, Mass	CR6-5532
Minn	Mel Foster Co., Inc	3402 Hennepin Ave, Minneapolis 5, Minn	FR4-[illegible]
Mo	Kelly-Schmitz-Winkeler Assoc	2309 Hampton Ave. St. Louis 10	OL2-6455
Mo	Kelly-Schmitz-Winkeler Assoc	417 W 74th St. Terrace, Kansas City 14	EM1-5651
Neb	Kelly-Schmitz-Winkeler Assoc	407 W 74th St. Terrace, Kansas City 14, Mo	EM1-5651
Nev	Electrosources Inc	508 Cowper St. Palo Alto, Cal	DA1-0776
Nev	Frank A Emmet Co	1810 Fair Oaks Ave. S Pasadena, Cal	MU2-3721
NH	Thorburn Kennedy Co	19 Forest Rd, Wakefield, Mass	CR6-5532
NJ	Andco Sales Engineering Inc	5823 Greene St, Philadelphia, Pa	VI4-9100
NJ	S A M Assoc	23 Hastings Rd. Franklin Park	
NY	S A M Assoc	150-08 87th Ave. Jamaica 32	OL8-8881
Ohio	Ralph F Roussey & Assoc	7803 W Lake St. River Forest, Ill	FO9-6523
Ore	Avionics Liaison Inc	Boeing Fld, Box 15, Seattle 8, Wash	PA3-[illegible]
Pa	Andco Sales Engineering Inc	5823 Greene St, Philadelphia, Pa	VI4-9100
RI	Thorburn Kennedy Co	19 Forest Rd, Wakefield, Mass	CR6-5532
Vt	Thorburn Kennedy Co	19 Forest Rd, Wakefield, Mass	CR6-5532
Va	Andco Sales Engineering Inc	5118 Baltimore Ave, Hyattsville, Md	AP7-4342
Wash	Avionics Liaison Inc	Boeing Fld, Seattle 8, Wash	PA3-[illegible]
Wis	Ralph F Roussey & Assoc	7803 W Lake St. River Forest, Ill	FO9-6523
	LUNDEY ASSOCIATES, INC	694 Main St, Waltham, Mass	TW3-6064
	E England #1 *20 C 175		
Ariz	Shefler-Kahn Co	Box 1507, Phoenix, Ariz	AL8-7853
Cal	E E Starr	4101 Rhodes Ave, N. Hollywood, Cal	ST7-5879
Cal	Robert R Slater & Associates	420 Market St, San Francisco	SU1-8654
Conn	Richard H Whitehead Jr Associates	57 Whitfield St, Guilford, Conn	GL3-3762
Del	Charles R Hile Co	Box 144, Hillview Rd, Paoli, Pa	NI4-5500
DC	Charles R Hile Co	Box 144, Hillview Rd, Paoli, Pa	NI4-5500
Fla	Buchanan & Abrams Associates	P.O. Box 6826, Orlando, Fla	GA3-8595
Ga	Buchanan & Abrams Associates	P.O. Box 6826, Orlando, Fla	GA3-8595
Ill	Imperial Fabricators Co	3729 W Belmont Ave, Chicago	CO7-5115
Iowa	The Heimann Co	1711 Hawthorne Ave, Minneapolis	FE2-5457
Md	Charles R Hile Co	P.O. Box 144, Hillview Rd, Paoli, Pa	NI4-5500
Minn	The Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
Mo	Forristall-Young Sales Co	8147 Delmar, St. Louis, Mo	PA5-7701
NJ	Hamilton Electronic Labs	560 Freeman St, Orange, NJ	OR6-5656
NC	Woodrow E France	517 Midway St, Hendersonville	
ND	The Heimann Co	517 Midway St, Hendersonville, NC	
Ohio	D Ross Sales Co	P.O. Box 314, Chesterland	
Ore	Robert R Slater	915 Terminal Sales Bldg, Seattle 1, Wash	MA[illegible]
Pa	Charles R Hile Co	Box 144, Paoli, Pa	
Tex	Lawrence Sales Co	P.O. Box 13026, Dallas 20, Tex	
Va	Woodrow E France	517 Midway St, Hendersonville, NC	
Wash	Robert R Slater	915 Terminal Sales Bldg, Seattle 1	
Can	Glendon Co, Ltd	603 Evans Ave, Toronto 14, Ont	CL5-5001
	LUNDY MFG CORP	Robert Ln, Glen Head, NY	OR6-1440
	R Barbato #50 *300 D 20-360-885-895-1165-1735-1810-1860-1920		
Ala	Ken Dane	P.O. Box 78, Sandy Springs, Ga	HA7-3488
Ariz	Lundy Mfg Corp	1330 Airport Dr, Wichita 13, Kan	WH2-5122
Ark	Lundy Mfg Corp	1330 Airport Dr, Wichita 13, Kan	WH2-5122
Cal	George W Ledbetter & Associates	P.O. Box 528, Encino, Cal	ST9-8115
Colo	Lundy Mfg Corp	1330 Airport Dr, Wichita 13, Kan	WH2-5122
Conn	B Gray Inc	51 E. 42nd St, New York 17, NY	OX7-1396
Del	The Barker Co	288 Old Country Rd, Mineola, NY	PI6-0481
Fla	Ken Dane	P.O. Box 78, Sandy Springs, Ga	MA7-3488
Ga	Ken Dane	P.O. Box 78, Sandy Springs, Ga	MA7-3488
Ill	Lundy Mfg Corp	1330 Airport Dr, Wichita 13, Kan	WH2-5122
Ind	Oem Sales Co	P.O. Box 55232, Indianapolis 5, Ind	LI6-2452
Kan	Lundy Mfg Corp	1330 Airport Dr, Wichita 13, Kan	WH2-5122
Me	B Gray Inc	51 E. 42nd St, New York 17, NY	OX7-1396
Md	The Barker Co	288 Old Country Rd, Mineola, NY	PI6-0481
Mass	B Gray Inc	51 E. 42nd St, New York 17, NY	OX7-1396
Mo	Oem Sales Co	P.O. Box 55232, Indianapolis 5, Ind	LI6-2452
NH	B Gray Inc	51 E. 42nd St, New York 17, NY	OX7-1396
NJ	The Barker Co	288 Old Country Rd, Mineola, NY	PI6-0481
NY	B Gray Inc	51 E. 42nd St, New York 17, NY	OX7-1396
NC	Ken Dane	P.O. Box 78, Sandy Springs, Ga	MA7-3488
Ohio	Lundy Mfg Corp	1330 Airport Dr. Wichita 13, Kan	WH2-5122
Okla	Lundy Mfg Corp	1330 Airport Dr, Wichita 13, Kan	WH2-5122
Pa	The Barker Co	288 Old Country Rd, Mineola, NY	PI6-0481
RI	B Gray Inc	51 E. 42nd St, New York 17, NY	OX7-1396
SC	Ken Dane	P.O. Box 78, Sandy Springs, Ga	MA7-3488
Tex	Lundy Mfg Corp	1330 Airport Dr, Wichita 13, Kan	WH2-5122
Vt	B Gray Inc	51 E. 42nd St, New York 17, NY	OX7-1396
Va	The Barker Co	288 Old Country Rd, Mineola, NY	PI6-0481
Wash	George W Ledbetter & Associates	P.O. Box 528, Encino, Cal	ST9-8115
W. Va	The Barker Co	288 Old Country Rd, Mineola, NY	PI6-0481
Canada	Anthony Foster & Sons Ltd	6550 Upper Lachine Rd, Mont, Que, Can	HU9-7203
Canada	Anthony Foster & Sons Ltd	294-316 Church St, Toronto, Ont, Canada	EM6-[illegible]
	LUTHER ELECTRONIC MFG CO	5728 W. Washington Blvd, L A 16, Cal	WE9-5826
	220-1855		
	LUXO LAMP CORP	Dock St, Port Chester, NY	WE7-4433
	S Blake, Jr #2 *35 990-1081		
Ala	L R Massey	304 E. Jefferson St, Greenwood, Miss	GL3-[illegible]
Ariz	Luxo Lamp Corp	1683 Jerrold Ave. SF 24, Cal	AT5-0254
Ark	L R Massey	304 E. Jefferson St, Greenwood, Miss	GL3-[illegible]
Cal	Luxo Lamp Corp	1683 Jerrold Ave. SF 24	AT5-0254
Colo	Luxo Lamp Corp	1683 Jerrold Ave. SF 24, Cal	AT5-0254
Fla	Vic Hemmings	[illegible] Miami, Fla	PL[illegible]
Ga	L R Massey	304 E. Jefferson St, Greenwood, Miss	GL3-[illegible]
Haw	Luxo Lamp Corp	1683 Jerrold Ave. SF 24, Cal	AT5-0254
Idah	Luxo Lamp Corp	1683 Jerrold Ave. SF 24, Cal	AT5-0254
Ill	A H Bruning Co	[illegible] W. Peterson Ave, Chicago 46	[illegible]
Ill	D Hale Darnold	Box 987, Racine, Wis	ME2-[illegible]
Iowa	Forest Carlson	Route 1, Mound, Minn	[illegible]
Kan	Clemenson & Lorraine	[illegible] E. 78th St, Kansas City 18, Mo	JA3-[illegible]
La	L R Massey	304 E. Jefferson St, Greenwood, Miss	GL3-[illegible]
Mich	Linc Horton	[illegible] Ave, Detroit 27, Mich	[illegible]
Minn	Forest Carlson	Route 1, Mound	[illegible]

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Miss	L R Massey	304 E. Jefferson St. Greenwood	GL3-3038
Mo	Clemenson-Larrabee	436 E. 79th, KC 10	JA3-3005
Mont	Luxo Lamp Corp	1683 Jerrold Ave. SF 24, Cal	AT5-0254
Neb	Clemenson-Larrabee	436 E. 79th, KC 10, Mo	JA3-3005
Nev	Luxo Lamp Corp	1683 Jerrold Ave. SF 24, Cal	AT5-0254
NM	Luxo Lamp Corp	1683 Jerrold Ave. SF 24, Cal	AT5-0254
ND	Forest Carlson	Route 1, Mound, Minn	GR2-2271
Ohio	Adrian Pollin	2745 Sulgrave Rd, Cleveland 22, Ohio	IV4-9282
Okla	Berthold Sales	4411 Maple Ave. Dallas 19, Tex	LA6-8329
Ore	Luxo Lamp Corp	1683 Jerrold Ave. SF 24, Cal	AT5-0254
SC	L R Massey	304 E. Jefferson St. Greenwood, Miss	GL3-3038
SD	Forest Carlson	Route 1, Mound, Minn	GR2-2271
Tenn	L R Massey	304 E. Jefferson St. Greenwood, Miss	GL3-3038
Tex	Berthold Sales	4411 Maple Ave. Dallas 19	LA6-8329
Utah	Luxo Lamp Corp	1683 Jerrold Ave. SF 24, Cal	AT5-0254
Wash	Luxo Lamp Corp	1683 Jerrold Ave. SF 24, Cal	AT5-0254
Wis	D Hale Darnold	Box 987, Racine	ME2-9644
Wyo	Luxo Lamp Corp	1683 Jerrold Ave. SF 24, Cal	AT5-0254
	LYMAN ELECTRONIC CORP	**P. O. Box 1649, Springfield, Mass**	**RE7-5361**
	R Bessette #1 *15 B 95		
	LYNCH COMMUNICATION SYS INC	**695 Bryant St, San Francisco 7, Cal**	**EX7-1471**
	H Johnston #32 *225 E 325-360-670-895-1135-1425-1470-1525-1855		
Ala	Graybar Electric Co. Inc	333 North Ave. NW, Atlanta 1, Ga	JA3-1751
Ariz	Graybar Electric Co. Inc	712 S Park Ave. Tucson, Ariz	MA2-6439
Ark	Graybar Electric Co. Inc	417 Byrd St. Little Rock	FR5-1246
Colo	Graybar Electric Co. Inc	1014 Wazee Market, Denver 4, Colo	TA5-7111
Conn	Graybar Electric Co. Inc	2450 State St. Hamden	AT8-3811
Del	Graybar Electric Co. Inc	915 S Heald St. Wilmington 1	OL6-7761
DC	Graybar Electric Co. Inc	425 - 13th St. NW, Washington 4	EX3-0022
Fla	Graybar Electric Co. Inc	801 N Rome Ave. Tampa 6	TA8-8881
Ga	Graybar Electric Co. Inc	333 North Ave. NW, Atlanta 1	JA3-1751
Idah	Graybar Electric Co. Inc	1325 Idaho St. Boise, Idah	BO3-2594
Ill	Graybar Electric Co. Inc	2045 N Cornell Ave. Melrose Park	FI5-2400
Ind	Graybar Electric Co. Inc	1300 W 16th St. Indianapolis 7	ME8-2351
Iowa	Graybar Electric Co. Inc	24 11th St. Des Moines	CH3-8614
Kan	Graybar Electric Co. Inc	424 N Rock Island Ave. Wichita 2	AM7-1364
Ky	Graybar Electric Co. Inc	360 Farmington Ave. Louisville 13	ME7-5411
La	Graybar Electric Co. Inc	7676 Airline Hwy. Baton Rouge	DI3-3427
Me	Graybar Electric Co. Inc	Center & Commercial Sts. Portland	SP3-1766
Md	Graybar Electric Co. Inc	3701 E Monument St. Baltimore 5	DI2-5500
Mass	Graybar Electric Co. Inc	345 Harrison Ave. Boston 18	KE6-4567
Mich	Graybar Electric Co. Inc	15045 Hamilton Ave. Detroit 3	TO8-5550
Minn	Graybar Electric Co. Inc	824 S 4th St. Minneapolis 15	FE6-1621
Miss	Graybar Electric Co. Inc	154 Porter St. E, Jackson	FL4-2585
Mo	Graybar Electric Co. Inc	1644 Baltimore Ave. Kansas City 8	BA1-1644
Mont	Graybar Electric Co. Inc	604 E Aluminum St. Butte	BU3233
Neb	Graybar Electric Co. Inc	3626 Martha St. Omaha 5	346-7676
Nev	Graybar Electric Co. Inc	503 N 19th St. Las Vegas, Nev	
NH	Graybar Electric Co. Inc	103 Hampshire Ln. Manchester	NA4-4341
NJ	Graybar Electric Co. Inc	1100 Livingston Ave. N Brunswick	CH9-4300
NY	Graybar Electric Co. Inc	21-15 Bridge Plaza, N, Long Island City 1	EX2-2000
NC	Graybar Electric Co. Inc	1113 Downtown Blvd. Raleigh	BS8-4321
Ohio	Graybar Electric Co. Inc	1200 Kinnear Rd. Columbus 8	HU6-4391
Okla	Graybar Electric Co. Inc	12 E California St. Oklahoma City 2	CE5-9351
Ore	Graybar Electric Co. Inc	NE 60th & Banfield, Portland 8	AT8-5661
Pa	Graybar Electric Co. Inc	910 Cherry St. Philadelphia 7	WA2-5405
RI	Graybar Electric Co. Inc	194-196 Richmond St. Providence 3	DE1-8100
SC	Graybar Electric Co. Inc	710 Lady St. Columbia	AL2-2125
SD	Graybar Electric Co. Inc	300 N Phillips, Sioux Falls	SI4-5621
Tenn	Graybar Electric Co. Inc	1474 Lamar Ave. Memphis 4	BR4-7150
Tex	Graybar Electric Co. Inc	717 Latimer St. Dallas 26	RI2-6451
Utah	Graybar Electric Co. Inc	336 N 3rd West St. Salt Lake City 6	EL9-8771
Vt	Graybar Electric Co. Inc	325 West St. Rutland	PR3-2726
Va	Graybar Electric Co. Inc	1125 Salem Ave SW, Roanoke 5	DI3-3615
Wash	Graybar Electric Co. Inc	1919 6th Ave S, Seattle	MU2-0123
W Va	Graybar Electric Co. Inc	720 Crescent Rd. Charleston 2	DI4-2371
Wis	Graybar Electric Co. Inc	180 N Jefferson St. Milwaukee 2	BR6-8400
	LYNCH MFG CO., R H	**7031 E.Arroyo Dr, S. San Gabriel, Cal**	**AT9-3090**
	R Lynch #2 *11 B 100-200-1245-1300		
	LYNCOACH & TRUCK CO., INC	**Oneonta, NY**	**GE2-2900**
	T Driscoll #5 *250 A 135-1125-1220-1275-1320-1395-1400-1425-1570-1670		
Ala	Lyncoach & Truck Co Inc of Ala	231 By-Pass-Troy	2205
	LYN-TRON INC	**5350 Riverton Ave, N. Hollywood, Cal**	**TR7-9023**
	E Lynn #2 *11 B 785-790-906-925-1290-1330-1700-1785		
Ariz	Carl Hower & Co	340 N. Marshall, Scotsdale, Ariz	WH5-2471
Cal	Beall Electronics Sales Co	Box 907, Palo Alto	DA1-8501
Cal	M W Riedel Co	6942 Laire Ct. San Diego, Cal	BR7-2582
Fla	L E Barnhart Co	1003 Garita Rd, Jacksonville, Fla	RA4-0967
Ill	Louis G Bacher & Associates	4216 W. Division St, Chicago, Ill	BE5-6601
Mass	Sales Associates of New England	30 Chester St, Somerville, Mass	SO6-0917
Wash	Fred H Haight Co	3213 Eastlake Ave, Seattle, Wash	EA2-1818
	LYON METAL PRODUCTS, INC	**33 Railroad Ave. Aurora, Ill**	**TW7-8421**
	A Truesdell #25 *1500 G 135-180		
Cal	Lyon Metal Products, Inc	900 S Turnbull Canyon Rd. City of Industry	ED0-2261
Cal	Lyon Metal Products, Inc	PO Box 1896 Rincon Annex, SF 19	SU1-5490
DC	Lyon Metal Products, Inc	15th & H Sts. NW	NA8-6459
Ga	Lyon Metal Products, Inc	133 Luckie St. NW, Atlanta 3	JA3-7386
Ill	Lyon Metal Products, Inc	300 W Adams St. Chicago 6	AN3-4256
Mass	Lyon Metal Products, Inc	46-48 Midway St. Boston 10	AN8-6400
Mich	Lyon Metal Products, Inc	2842 W Grand Blvd. Detroit 2	TR5-7465
Minn	Lyon Metal Products, Inc	527 2nd Ave. S, Mpls 2	FE2-8955
Mo	Lyon Metal Products, Inc	3542 Main St. Kansas City 11	VA1-3212
NY	Lyon Metal Products, Inc	92 Liberty St. NYC 6	BA7-8038
NY	Lyon Metal Products, Inc	114 S Warren St. Syracuse 2	GR4-1069
Ohio	Lyon Metal Products, Inc	626 Broadway, Cinc 2	GA1-3175
Ohio	Lyon Metal Products, Inc	2012 W 25th St., Cleve 13	CH1-3535
Pa	Lyon Metal Products, Inc	121 N Broad St. Phila 7	LO7-4607
Pa	Lyon Metal Products, Inc	119 Federal St. Pittsbgh 12	AL1-7706
Tex	Lyon Metal Products, Inc	1314 Wood St. Dallas 2	RI7-3749
	LYTLE CORP, ALLIED RESEARCH & ENG DIV	**6916 Santa Monica Blvd. Hollywood 38 Cal**	**HO2-1251**
	N Sammelle, Jr #4 *15 B 560-1135-1305		
Ill	Zak & Assoc	7730 Carondelet, St Louis, Mo	PA7-8559
Mo	Zak & Assoc	7730 Carondelet, St Louis	PA7-8559
NJ	Lend-C-Air Sales Co	140 Marbledale Rd, Tuckahoe, NY	WO1-4700
NY	Lend-C-Air Sales Co	140 Marbledale Rd, Tuckahoe	WO1-4700
•	**MCCOY ELECTRONICS CO**	**Mt. Holly Springs, Pa**	**HU6-3411**
	D Jacoby *200 D 410-415-670-1215		
Ala	Emory Design & Equipment Co	PO Box 9013, Birmingham 13	TR1-1369
Alaska	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA1818
Ariz	Fred A Pease	4921 E. 38th Ave, Denver 7, Colo	DU8-4643
Cal	W Bert Knight Co	10377 W Pico Blvd. Los Angeles 64	BR2-0101
Cal	John E Striker Co	P.O. Box 546, San Carlos, Cal	LY1-0736
Colo	Fred A Pease	4921 E. 38th Ave, Denver 7, Colo	DU8-4643
Conn	The Dea Co	30 Arlington St, Lynnfield Center, Mass	LY4-3575
Del	J W Sheffer	4605 Old Frederick Rd, Baltimore, Md	WI5-4126
DC	J W Sheffer	4605 Old Frederick Rd, Baltimore, Md	WI5-4126
Fla	Emory Design & Equipment Co	PO Box 507, Bradenton	2-6767
Idaho	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA1818
Ill	Giannaras Sales Co	5435 Northwest Hwy, Chicago 30, Ill	SP4-4600
Ind	Giannaras Sales Co	5435 Northwest Hwy, Chicago 30, Ill	SP4-4600
Iowa	Automatic General Electronic Sales	6550B Troost Ave, Kansas City 10, Mo	DE3-8206
Kan	Automatic General Electronic Sales	6550B Troost Ave, Kansas City 10, Mo	DE3-8206
Me	The Dea Co	30 Arlington St, Lynnfield Center, Mass	LY4-3575
Md	J W Sheffer	4605 Old Frederick Rd, Baltimore, Md	WI5-4126
Mass	The Dea Co	30 Arlington St, Lynnfield Center, Mass	LY4-3575
Mo	Automatic General Electronic Sales	6550-B Troost Ave, Kansas City 10	DE3-8206
Mont	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA1818
Neb	Automatic General Electronic Sales	6550B Troost Ave, Kansas City 10, Mo	DE3-8206
NH	The Dea Co	30 Arlington St, Lynnfield Center, Mass	LY4-3575
NJ	Gray Associates	18 Washington Ave. Haddonfield	HA9-5300
NJ	Henry G Richter Inc	467 Hillside Ave, Westfield, NJ	AD3-4615
NM	Fred A Pease	4921 E. 38th Ave, Denver 7, Colo	DU8-4643
NY	Stuart F Foster	204 Southfield Dr. Fayetteville	NE7-6187
NY	Henry G Richter Inc	467 Hillside Ave, Westfield, NJ	AD3-4615
NC	J W Sheffer	4605 Old Frederick Rd, Baltimore, Md	WI5-4126
Ohio	Bek Associates	330 Salem Ave, Dayton 6, Ohio	CR8-1343
Okla	Automatic General Electronic Sales	6550B Troost Ave, Kansas City 10, Mo	DE3-8206
Ore	Fred H Haight Co	3212 Eastlake Ave Seattle 2, Wash	EA1818
Pa	Gray Associates	18 Washington Ave. Haddonfield	MA7-1558
RI	The Dea Co	30 Arlington St, Lynnfield Center, Mass	LY4-3575
Tex	Automatic General Electronic Sales	3824 Mockingbird Ln, Dallas 5, Tex	LA1-7876
Utah	Fred A Pease	4921 E. 38th Ave, Denver 7, Colo	DU8-4643
Vt	The Dea Co	30 Arlington St, Lynnfield Center, Mass	LY4-3575
Va	J W Sheffer	4605 Old Frederick Rd, Baltimore, Md	WI5-4126
Wash	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA1818
W.Va	J W Sheffer	4605 Old Frederick Rd, Baltimore, Md	WI5-4126
Wisc	Giannaras Sales Co	5435 Northwest Hwy, Chicago 30, Ill	SP4-4600
Wyo	Fred A Pease	4921 E. 38th Ave, Denver 7, Colo	DU8-4643
For	Air America Supply Agency	PO Box 66, Albuquerque, NM	AX9-3706
	MCDONNELL AIRCRAFT CORP	**Box 516, St. Louis 66, Mo**	**PE1-2121**
	W Toole #2,500 *22,000 G 45-330-340-775-795-805-895-1135-1655-1810-1840		
Cal	W M Mahurin	8921 Sepulveda Blvd. LA 45	OR8-0799
DC	A J Redway	1707 H St. NW. Wash 6	EX3-4565
Ohio	J S McCarthy	612 Harries Bldg. Dayton 2	BA3-8291
	MC DOWELL ELECTRONICS INC	**105 Forrest St. Metuchen, NJ**	**LI8-9109**
	R McDowell B20		
Cal	Claude Michael Inc	703 W. Ivy St. Glendale 4	
Ohio	Troy Co., The	Warrensville Center Rd. Cleve	
	MC GILL MFG CO., INC ELEC DIV	**909 N. Lafayette St, Valparaiso, Ind**	**HO2-2161**
	J Eason #6 *140 E 1735		
Ala	E T Loyd Inc	69 Mills St, N.W., Atlanta 8, Ga	MU8-9104
Ariz	J G Pomeroy Co	1004 E. 4th St, Los Angeles 13, Cal	MA5-1105
Ark	Jack Raley	Prentice Bldg, Dallas 6, Tex	EM8-5923
Cal	Geo A Gray Co	2720-17th St, San Francisco 10, Cal	HE1-1526
Cal	J G Pomeroy Co	1004 E. 4th St, Los Angeles 13, Cal	MA5-1105
Colo	Jack Raley	Prentice Bldg, Dallas 6, Tex	EM8-5923
Conn	Jack Kogel	220 Stockade Rd, S. Glastonbury, Conn	ME3-7324
Del	Geo C Knott Jr	P.O. Box 389, Pt. Washington, NY	7-4440
DC	Geo C Knott Jr	P.O. Box 389, Pt. Washington, NY	7-4440
Fla	Ernest T Loyd Inc	69 Mills St, N.W., Atlanta 8, Ga	MU8-9104
Ga	Ernest T Loyd Inc	69 Mills St, N.W., Atlanta 8, Ga	MU8-9104
Hawaii	Geo A Gray Co	2720-17th St, San Francisco 10, Cal	HE1-1526
Ill	Robert J Eckert	4827 S. Keating Ave, Chicago, Ill	LU2-5499
Ind	Field Crosby	475 Grove Ave, Valparaiso	HO2-4871
Iowa	R Q Windle	127 N. 92nd St, Milwaukee 13, Wisc	SP4-6155
Kan	Jack Raley	Prentice Bldg, Dallas 6, Tex	EM8-5923
La	Jack Raley	Prentice Bldg, Dallas 6, Tex	EM8-5923
Me	Jack Kogel	220 Stockade Rd, S. Glastonbury, Conn	ME3-7324
Md	Geo C Knott Jr	P.O. Box 389, Pt. Washington, NY	7-4440
Mass	Jack Kogel	220 Stockade Rd, S. Glastonbury, Conn	ME3-7324
Mich	Turrell & Co	8414 W. McNichols Rd, Detroit 21, Mich	UN4-5077
Minn	Harlan G Schendel	3746 Cedar Ave S, Mnpls	PA2-2226
Miss	Jack Raley	Prentice Bldg, Dallas 6, Tex	EM8-5923
Mo	Richard Q Windle	127 N. 92nd St, Milwaukee 13, Wisc	SP4-6155
Mont	Strohecker Inc	2207 First Ave, S., Seattle 4, Wash	MU2-3591
Neb	Richard Q Windle	127 N. 92nd St, Milwaukee 13, Wisc	SP4-6155
Nev	Geo A Gray Co	2720-17th St, San Francisco 1, Cal	HE1-1526
Nev	J G Pomeroy Co	1004 E. 4th St, Los Angeles 13, Cal	MA5-1105
NH	Jack Kogel	220 Stockade Rd, S. Glastonbury, Conn	ME3-7324
NJ	Jack Kogel	220 Stockade Rd, S. Glastonbury, Conn	ME3-7324
NJ	Geo C Knott Jr	P.O. Box 389, Pt. Washington, NY	7-4440
NM	Jack Raley	Prentice Bldg, Dallas 6, Tex	EM8-5923
NY	Geo C Knott Jr	P.O. Box 389, Pt. Washington, NY	7-4440
NY	Jack Kogel	220 Stockade Rd, S. Glastonbury, Conn	ME3-7324
NY	A C Schultz Co	76 S. Long St, Buffalo 21, NY	SP5078
NC	Ernest T Loyd Inc	69 Mills St, N.W., Atlanta 8, Ga	MU8-9104
Ohio	Byron W Gramps	1935 Grafton Rd, Elyria, Ohio	GL8-5203
Ohio	Turrell & Co., Inc	8414 W. McNichols Rd, Detroit 21, Mich	UN4-5077
Okla	Jack Raley	Prentice Bldg, Dallas 6, Tex	EM8-5923
Ore	Strohecker Inc	2207 First Ave, S. Seattle 4, Wash	MU2-3591
Pa	A C Schultz Co	76 S. Long St, Buffalo 21, NY	SP5078
Pa	Jack Kogel	220 Stockade Rd, S. Glastonbury, Conn	ME3-7324
Pa	Geo C Knott Jr	P.O. Box 389, Pt. Washington, NY	7-4440
RI	Jack Kogel	220 Stockade Rd, S. Glastonbury, Conn	ME3-7324
SC	Ernest T Loyd Inc	69 Mills St, N.W., Atlanta 8, Ga	MU8-9104
Tenn	Ernest T Loyd Inc	69 Mills St, N.W., Atlanta 8, Ga	MU8-9104
Tex	Jack Raley	Prentice Bldg, Dallas 6, Tex	EM8-5923
Utah	Jack Raley	Prentice Bldg, Dallas 6, Tex	EM8-5923
Vt	Jack Kogel	220 Stockade Rd, S. Glastonbury, Conn	ME3-7324
Va	Ernest T Loyd Inc	69 Mills St, N.W., Atlanta 8, Ga	MU8-9104
Wash	Strohecker Inc	2207 First Ave, S., Seattle 4, Wash	MU2-3591
W. Va	A C Schultz Co	76 S. Long St, Buffalo 21, NY	SP5078
Wisc	Richard Q Windle	127 N. 92nd St, Milwaukee 13, Wisc	SP4-6155
Wyo	Jack Raley	Prentice Bldg, Dallas 6, Tex	EM8-5923
Foreign	U S Engineering & Mfg Co	3254 N. Lincoln Ave, Chicago 13, Ill	EA7-[illegible]
For	Tom Burk	1725 Walker St, No Sydney, Aust	
	MC GREGOR ELECTRONIC INDUSTRIES	**132 First St, McGregor, Iowa**	**MC682**
	1675-1865		
	MC INTOSH CO., J R C	**Box 298, El Dorado, Cal**	**NA2-4658**
	R Coomes #2 *10 B 345-895-1795-1850		
	MC INTOSH LAB INC	**2 Chambers St, Binghamton, NY**	**723-5491**
	G Gow #5 *110 E 895-1895		
Ala	L D Roddey	P.O. Box 11302, Charlotte 9, NC	JA3-5437
Alaska	Burt Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Ariz	Koessler Sales Co	818 N. Fairfax Ave, Los Angeles 46, Cal	OL3-1605
Ark	Charles Lucas Sales Co	P.O. Box 8506, Dallas 16, Tex	WH2-5958
Cal	Koessler Sales Co	818 N. Fairfax Ave, Los Angeles 46, Cal	OL3-1605
Cal	Koessler Sales Co	678 Fulton, San Francisco, Cal	JO7-0622
Colo	Gates Co	200 S. Main St, Salt Lake City, Utah	EL9-1101
Fla	World Wide Products	P.O. Box 154, North Miami Beach, Fla	WI7-2531
Ga	L D Roddey	P.O. Box 11302, Charlotte 9, NC	JA3-5437
Hawaii	Koessler Sales Co	818 N. Fairfax Ave, Los Angeles 46, Cal	OL3-1605
Idaho	Burt Porter Co	1209 Poplar Dr, Seattle 44, Wash	EA3-8330
Idaho	Gates Co	200 S. Main St, Salt Lake City, Utah	EL9-1101
Ill	Peterson Sales	3647 W. 62nd St, Chicago, Ill	RE5-0846
Ind	Peterson Sales	3647 W. 62nd St, Chicago, Ill	RE5-0846
Iowa	Zimmer Sales	5620 Woodward Ave, Merriam	HE2-1121
Kan	Zimmer Sales	5620 Woodward Ave, Merriam	HE2-1121
Ky	Peterson Sales	3647 W. 62nd St, Chicago, Ill	RE5-0846
La	Charles Lucas Sales Co	P.O. Box 8506, Dallas 16, Tex	WH2-5958
Md	Gene Rosen & Assoc, Inc	9501 Wadsworth Dr, Bethesda 14	OL6-6131
Mich	Schroeder Sales Co	2309 Prospect Ave, Cleveland 15, Ohio	MA1-5075
Minn	Peterson Sales	3647 W. 62nd St, Chicago, Ill	RE5-0846
Miss	L D Roddey	P.O. Box 11302, Charlotte 9, NC	JA3-5437
Mo	Zimmer Sales	5620 Woodward Ave, Merriam, Kan	HE2-1121
Mont	Gates Co	200 S. Main St, Salt Lake City, Utah	EL9-1101
Neb	Zimmer Sales	5620 Woodward Ave, Merriam, Kan	HE2-1121
Nev	Koessler Sales Co	818 N. Fairfax Ave, Los Angeles 46, Cal	OL3-1605
NJ	Miller Electronics	27 Mechanic St, Red Bank, NJ	SH1-9300
NM	Gates Co	200 S. Main St, Salt Lake City, Utah	EL9-1101
NY	Miller Electronics	27 Mechanic St, Red Bank, NJ	SH1-9300
NC	L D Roddey	P.O. Box 11302, Charlotte 9, NC	JA3-5437
ND	Zimmer Sales	5620 Woodward Ave, Merriam, Kan	HE2-1121
Ohio	Schroeder Sales Co	2309 Prospect Ave, Cleveland 15, Ohio	MA1-5075
Okla	Charles Lucas Sales Co	P.O. Box 8506, Dallas 16, Tex	WH2-5958
Ore	Burt Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Pa	Schroeder Sales Co	2309 Prospect Ave, Cleveland 15, Ohio	MA1-5075
SC	L D Roddey	P.O. Box 11302, Charlotte 9, NC	JA3-5437
SD	Zimmer Sales	5620 Woodward Ave, Merriam, Kan	HE2-1121
Tenn	L D Roddey	P.O. Box 11302, Charlotte 9, NC	JA3-5437
Tex	Charles Lucas Sales Co	P.O. Box 8506, Dallas 16, Tex	WH2-5958
Utah	Gates Co	200 S. Main St, Salt Lake City, Utah	EL9-1101
Wash	Burt Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
W. Va	Schroeder Sales Co	2309 Prospect Ave, Cleveland 15, Ohio	MA1-5075
Wisc	Peterson Sales	3647 W. 62nd St, Chicago, Ill	RE5-0846
Wyo	Gates Co	200 S. Main St, Salt Lake City, Utah	EL9-1101
Foreign	Westrex	111 Eighth Ave, New York 11, NY	CH3-2300
	MC INTYRE ASSOCIATES	**3449B Oceanview Blvd, Glendale, Cal**	**MU1-6901**
	430		
Ill	Electronic Sales Engineers	7851 S. Escanaba Ave, Chicago, Ill	SA1-9844
	MCKENNA LABORATORIES	**2503 Main St, Santa Monica, Cal**	**EX9-8046**
	A McKenna #2½ *1 B 1915		
Ariz	Harry Steele	4422 N. 56th St, Phoenix, Ariz	
Kan	Don Henderson	511 N. Highland, Ada, Okla	
Okla	Don Henderson	511 N. Highland, Ada, Okla	
Ore	Al Petitjean	444 Dexter Horton Bldg. Seattle 4, Wash	
Tex	Don Henderson	511 N. Highland, Ada, Okla	
Wash	Al Petitjean	444 Dexter Horton Bldg. Seattle 4	
•	**MCLEAN ENGINEERING LABS**	**P.O. Box 228, Princeton, NJ**	**WA4-4440**
	W Eckenhoff #5 *53 E 105		
Ala	W A Brown & Assoc. Inc	3405 Lookout Dr. SE, Huntsville	JE6-8393
Ariz	Hytronic Measurements, Inc	1017 N 3rd St. Phoenix	AL3-7452
Cal	J C Van Groos Co	1178 Los Altos Ave, Los Altos, Cal	WH8-7266
Cal	Van Groos Co	21051 Costanso St. Woodland Hills	DI0-3131
Colo	Hytronic Measurements Inc	1295 S. Bannock, Denver, Colo	PE3-3701
Conn	Technical Instruments Inc	1115 Main St, Bridgeport, Conn	FO8-4582
DC	W A Brown & Associates Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1000
Fla	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	AM7-0411
Ill	Bauman & Bluzat	2753 W. North Ave, Chicago 47, Ill	HU6-6979
Iowa	Engineering Services Co	1110 Oakland Gardens, Cedar Rapids	EM5-6183
Kan	Engineering Services Co	8325 E. Indianapolis St, Wichita, Kan	MU3-3751
Md	W A Brown & Assoc. Inc	110 E Pennsylvania Ave. Towson	VA8-6744
Mass	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
Mich	Satullo Co., The	4512 N Woodward Ave. Royal Oak	LI9-3910
Minn	Scott Electronic Sales	5209 W 60th St. Minneapolis 24	WE9-2985
Mo	Engineering Services Co	6717 Vernon Ave. St Louis	PA6-2233
Mo	Engineering Services Co	4550 Main St, Kansas City, Mo	JE1-7765
NJ	Kenneth E Hughes Co	4908 Bergenline Ave, Union City, NJ	UN7-3204
NM	Hytronic Measurements, Inc	211 Sierra, SE, Albuquerque	AL5-8869
NY	J A Reagan Co. Inc	45 N Lake Ave. Albany	HE6-9649
NY	J A Reagan Co. Inc	10 Humphreys Terrace, New Hartford	RE2-3775
NY	J A Reagan Co. Inc	528 Crestmont Rd. Binghamton	RA3-9661
NY	J A Reagan Co. Inc	145 Millbrook Dr. Williamsville 21	NF2-2727

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NY	J A Reagan Co. Inc	F E Bayberry Circle, Liverpool	HO9-8001
NY	Kenneth E Hughes Co	4809 Bergenline Ave, Union City, NJ	UN7-3294
NC	W A Brown & Assoc. Inc	1707 Princeton St, SW, Winston-Salem	PA5-5384
Ohio	Satullo Co., The	785 W Ohio Pike, Cincinnati 45	PL2-6683
Ohio	Satullo Co., The	16902 Euclid Ave, Cleveland 12	IV6-2100
Okla	John A Green Co	Box 911, Tulsa 1	RI2-4657
Pa	Satullo Co., The	992 Perry Hwy, Pittsburgh 37	WE1-5200
Pa	Kenneth E Hughes Co	101 N. 33rd St, Philadelphia 4, Pa	EV6-3130
Tex	John A Green Co	7128 Envoy Court, Dallas 7	FL1-3947
Tex	John A Green Co	3400 Montrose, Houston 6	JA6-2959
Utah	Hydronic Measurements Inc	2022 S. Main St, Salt Lake City 15, Utah	IN6-4024
Va	W A Brown & Assoc Inc	7610 Mount Vernon Ave, Alexandria	TE6-1900
Wash	N R Schultz Co	4227 Airport Ave, Seattle 8, Wash	MA4-8650
	MC MILLAN INDUSTRIAL CORP	**Brownville Ave. Ipswich, Mass**	**EL6-2926**
	W Davis #20 *95 E 190-250-670-895-900-1135-1475-1960		
Ariz	Gates Co	122 Harvard Dr, S.E., Albuquerque, NM	3-8010
Colo	Gates Co	200 S. Main St, Salt Lake City 1, Utah	EL9-1101
DC	Engineering Associates	412 Albee Bldg, Wash 5, DC	ST3-7319
Idaho	Gates Co	200 S. Main St, Salt Lake City 1, Utah	EL9-1101
Kan	Thomson Engineering Service	8230 Forsyth Blvd, St. Louis 5, Mo	PA7-7705
Md	Engineering Associates	2125 Maryland Ave, Baltimore 18, Md	HO7-1966
Mo	Thomson Engineering Service	8230 Forsyth Blvd, St. Louis 5, Mo	PA7-7705
Nev	Gates Co	200 S. Main St, Salt Lake City 1, Utah	EL9-1101
NM	Gates Co	122 Harvard Dr, S.E., Albuquerque, NM	3-8010
Okla	Thomson Engineering Service	8230 Forsyth Blvd, St. Louis 5, Mo	PA7-7705
Tex	Thomson Engineering Service	2520 Oak Lawn, Dallas 19, Tex	LA6-8741
Utah	Gates Co	200 S. Main St, Salt Lake City 1, Utah	EL9-1101
Va	Engineering Associates	412 Albee Bldg, Wash 5, DC	ST3-7319
Wyo	Gates Co	200 S. Main St, Salt Lake City 1, Utah	EL9-1101
Foreign	Henley & Co., Inc	202 E. 44th St, New York 17, NY	YU6-5941
Foreign	Sassoon Sopher Inc	630 Fifth Ave, New York, NY	CI6-3670
	MCQUAY NORRIS MFG CO	**2320 Marconi, St. Louis 10, Mo**	**PR6-4800**
	J Teschler *2000 G 1920		
Cal	William N Cousins	1224 1/2 E. Atlantic Blvd, L A 22, Cal	AN2-8240
Cal	L M Silva	3124 E. 14 St, Oakland, Cal	
Conn	R T Lockard	675 Commercial St, Weymouth 89, Mass	EO5-6726
Ga	H G Campbell	865 Preakness Ln, Florissant, Mo	WA1-1154
Ill	H G Campbell	865 Preakness Ln, Florissant, Mo	WA1-1154
Ind	H G Campbell	865 Preakness Ln, Florissant, Mo	WA1-1154
Iowa	J F Dindorf	2544 N. 86th St, Wauwatosa, Wisc	GL3-6313
Iowa	A A Chatfillan	P.O. Box 116, Muskego, Wisc	GA2-1786
Kan	H G Campbell	865 Preakness Ln, Florissant, Mo	WA1-1154
Ky	H G Campbell	865 Preakness Ln, Florissant, Mo	WA1-1154
Me	R T Lockard	675 Commercial St, Weymouth 89, Mass	EO5-6726
Md	R T Lockard	675 Commercial St, Weymouth 89, Mass	EO5-6726
Mass	R T Lockard	675 Commercial St, Weymouth 89, Mass	EO5-6726
Mich	H C Reading	19595 Cooley St, Detroit, Mich	KE3-7118
Mich	J G Gardner	3080 Winthrop, Detroit 35, Mich	VE8-8021
Minn	J F Dindorf	2544 N. 86th St, Wauwatosa, Wisc	GL3-6313
Minn	A A Chatfillan	P.O. Box 116, Muskego, Wisc	GA2-1786
Mo	H G Campbell	865 Preakness Ln, Florissant, Mo	WA1-1154
Neb	J F Dindorf	2544 N. 86th St, Wauwatosa, Wisc	GL3-6313
Neb	A A Chatfillan	P.O. Box 116, Muskego, Wisc	GA2-1786
Nev	S H Babcock	3573 Pierce St, San Francisco 23, Cal	WE1-2155
NH	R T Lockard	675 Commercial St, Weymouth 89, Mass	EO5-6726
NJ	R T Lockard	675 Commercial St, Weymouth 89, Mass	EO5-6726
NY	R T Lockard	675 Commercial St, Weymouth 89, Mass	EO5-6726
Ohio	C R Hammer	2443 17th St, Cuyahoga Falls, Ohio	WA3-5501
Ohio	G A Gentzler	3834 Beech St, Cincinnati, Ohio	BR1-8159
Pa	R T Lockard	675 Commercial St, Weymouth 89, Mass	EO5-6726
Pa	C R Hammer	2443 17th St, Cuyahoga Falls, Ohio	WA3-5501
RI	R T Lockard	675 Commercial St, Weymouth 89, Mass	EO5-6726
Tenn	H G Campbell	865 Preakness Ln, Florissant, Mo	WA1-1154
Tex	John C Fleming	7001 Glen Hills Rd, Ft. Worth 11, Tex	AT4-2683
Va	G A Gentzler	3834 Beech St, Cincinnati 27, Ohio	BR1-8159
W. Va	G A Gentzler	3834 Beech St, Cincinnati 27, Ohio	BR1-8159
Wisc	J F Dindorf	2544 N. 86th St, Wauwatosa, Wisc	GL3-6313
Wisc	A A Chatfillan	P.O. Box 116, Muskego, Wisc	GA2-1786
•	**M B ELECTRONICS DIV. TEXTRON ELECTRONICS INC**	**Box 1825, New Haven, Conn**	**FU9-1511**
	A Deschmiller #53 *521 195-875-1075-1170-1230-1655-1935		
Ala	Aeromart Inc	1603 Red Oak Rd, Huntsville, Ala	JE6-8313
Ala	Aeromart Inc	3230 Peachtree Rd, N.E., Atlanta, Ga	CE3-5519
Ariz	Pacific Scientific Co	1350 Fifth Ave, San Diego, Cal	BE3-0156
Cal	Pacific Scientific Co	760 Harrison St, San Francisco 7, Cal	DO2-0934
Cal	Pacific Scientific Co	P. O. Box 22019, Los Angeles 22, Cal	SP3-2020
Cal	Pacific Scientific Co	1350 Fifth Ave, San Diego, Cal	BE3-0156
Colo	Lahana & Co	1886 S. Broadway, Denver 10, Colo	PE3-3791
Conn	Equipment Sales Co., Inc	P. O. Box 6098, New Haven 17, Conn	CH8-5581
Del	V A Snyder Co., Inc	1424 Race St, Philadelphia 2, Pa	WA2-0634
DC	S S Lee Associates Inc	2521 Ennalls Ave, Wheaton, Md	LO5-3666
Fla	S S Lee Assoc, Inc	736 W Smith Ave, Orlando	CH1-4445
Ga	Aeromart Inc	3230 Peachtree Rd, N.E., Atlanta, Ga	CE3-5519
Idaho	Lahana & Co	1886 S Broadway, Denver 10, Colo	PE3-3791
Ill	Maher Engineering Co	4335 W. Peterson Ave, Chicago, Ill	PE6-8747
Ind	Maher Engineering Co	4335 W. Peterson Ave, Chicago, Ill	PE6-8747
Iowa	Maher Engineering Co	4335 W. Peterson Ave, Chicago, Ill	PE6-8747
Kan	Pacific Scientific Co	702A E. Abram St, Arlington, Tex	CR5-3236
Ky	Lowry Dietrich Co	703 Clairton Blvd, Pittsburgh 36, Pa	TU1-2228
La	Aeromart Inc	3230 Peachtree Rd, N.E., Atlanta, Ga	CE3-5519
Me	Equipment Sales Co., Inc	5 Elm St, Danvers, Mass	SP4-2400
Md	S S Lee Associates, Inc	21 Pennsylvania Ave, Towson	VA3-3434
Mass	Equipment Sales Co., Inc	89 Noblehurst Ave, Pittsfield	HI3-4385
Mass	Equipment Sales Co., Inc	5 Elm St, Danvers, Mass	SP4-2400
Mich	Satullo Co., The	4512 N. Woodward Ave, Royal Oak, Mich	LI9-3910
Minn	Maher Engineering Co	4335 W. Peterson Ave, Chicago, Ill	PE6-8747
Miss	Aeromart Inc	3230 Peachtree Rd, N.E., Atlanta, Ga	CE3-5519
Mo	Maher Engineering Co	4335 W. Peterson Ave, Chicago, Ill	PE6-8747
Neb	Maher Engineering Co	4335 W. Peterson Ave, Chicago, Ill	PE6-8747
Nev	Pacific Scientific Co	760 Harrison St, San Francisco 7, Cal	DO2-0934
NH	Equipment Sales Co., Inc	P. O. Box 6098, New Haven 17, Conn	CH8-5581
NJ	V A Snyder Co., Inc	P. O. Box 194, Union, NJ	MU8-6100
NM	Hyde Electronics Co	5206 Constitution Ave, N.E., Albuquerque	AM5-1111
NY	Components for Industry	133 Woodmancy Ln, Fayetteville	HE7-9601
NY	Components for Industry	23 Sedgemoor Ct, Buffalo 21	NH3-8900

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NY	V A Snyder Co., Inc	P. O. Box 194, Union, NJ	MU8-6100
NC	S S Lee Associates Inc	P. O. Box 906, Winston-Salem, NC	ST8-0431
Ohio	Lowry Dietrich Co	1276 W. Third St, Cleveland 13, Ohio	SU1-1855
Ohio	Lowry Dietrich Co	333 W. 1st St, Dayton 2, Ohio	BA3-8042
Okla	Pacific Scientific Co	702A E. Abram St, Arlington, Tex	CR5-3236
Ore	Pacific Scientific Co	1218 S.E. 7th Ave, Portland 14, Ore	BE4-9747
Pa	V A Snyder Co., Inc	1424 Race St, Phila 2	WA2-0634
Pa	Lowry Dietrich Co	703 Clairton Blvd, Pittsburgh 36, Pa	TU1-2228
RI	Equipment Sales Co., Inc	P. O. Box 6098, New Haven 17, Conn	CH8-5581
SC	S S Lee Associates Inc	P. O. Box 906, Winston-Salem, NC	ST8-0431
Tenn	S S Lee Associates Inc	P. O. Box 906, Winston-Salem, NC	ST8-0431
Tex	Pacific Scientific Co	702A E. Abram St, Arlington, Tex	CR5-3236
Utah	Lahana & Co	1482 Major St, Salt Lake City 15	HU5-8165
Utah	Lahana & Co	1886 S Broadway, Denver 10, Colo	PE3-3791
VT	Equipment Sales Co., Inc	P. O. Box 6098, New Haven 17, Conn	CH8-5581
Va	S S Lee Associates Inc	2521 Ennalls Ave, Wheaton, Md	LO5-3666
Wash	Pacific Scientific Co	421 Michigan St, Seattle 8	PA5-7300
W. Va	Lowry Dietrich Co	703 Clairton Blvd, Pittsburgh 36, Pa	TU1-2228
Wisc	Maher Engineering Co	4335 W. Peterson Ave, Chicago, Ill	PE6-8747
Wyo	Lahana & Co	1886 S Broadway, Denver 10, Colo	PE3-3791
Foreign	Conser International Corp	P.O. Box 1884, New Haven 8, Conn	FU9-1511
	MCS CORP	**1001 S. Mountain Ave. Monrovia, Cal**	**EL7-3285**
	A Coverley #6 *50 B 1135		
Cal	R L Pflieger Co	1652 Laurel St. San Carlos	LY1-0036
	M E C INC	**796 Berry Rd, Nashville, Tenn**	**CY8-3376**
	R Allen #7 *70 220		
Cal	Robinson Co	4026 W. 183rd St, Torrance, Cal	FR9-5531
Conn	Sales Engineering Co	Sugar Ln, Newtown, Conn	GA6-4434
Fla	William W Jones Co., Inc	1402 W Harvard Ave, Orlando	GA4-6298
Ga	William W Jones Co., Inc	1437 Kenilworth Dr, SW, Atlanta, Ga	
Ill	Thomas B Hunter	4441 W. Irving Park Rd, Chicago, Ill	SP7-2500
Ind	James R Neff	3502 N. Riley Ave, Indianapolis, Ind	LI6-9924
Md	William W Jones Co., Inc	1107 Echo Ct N, Towson	VA3-5721
Mass	Sales Eng Co	33 Sudbury Rd, Concord, Mass	EM9-3943
Minn	G E Arneson & Co	1407 Holdridge Ln, Wayzata, Minn	MI4-9844
NY	Veen Associates	177 White Plains Rd, Tarrytown, NY	ME1-2579
Pa	Cooper-Clement Associates	835 Glenside Ave, Wyncote, Pa	LI9-5400
Pa	S Wayne Corrigan	P.O. Box 74, Bala-Cynwyd, Pa	MO4-5546
•	**M F ELECTRONICS CORP**	**118 E 25th St. New York 10, NY**	**OR4-5360**
	M Finkelstein #2 *10 895-1135-1150		
Ariz	J S Kempf Co	10304 Prairie Ave. Inglewood 2, Cal	OR4-2165
Cal	J S Kempf Co	10304 Prairie Ave. Englewood 2	OR4-2165
Conn	Ervin L Crandell	PO Box 72, Abington, Mass	TR8-3072
Me	Ervin L Crandell	PO Box 72, Abington, Mass	TR8-3072
Mass	Ervin L Crandell	PO Box 72, Abington	TR8-3072
Mich	Edmund C Frost & Co	1545 Chelmsford Rd, Mayfield Hts 24, Ohio	HI2-9040
Nev	J S Kempf Co	10304 Prairie Ave, Inglewood 2, Cal	
NH	Ervin L Crandell	PO Box 72, Abington, Mass	TR8-3072
Ohio	Edmund C Frost & Co	1545 Chelmsford Rd, Mayfield Hts 24	HI2-9040
Pa	Edmund C Frost & Co	1545 Chelmsford Rd, Mayfield Hts 24, Ohio	HI2-9040
RI	Ervin L Crandell	PO Box 72, Abington, Mass	TR8-3072
Vt	Ervin L Crandell	PO Box 72, Abington, Mass	TR8-3072
Can	Electrodesign Ltd	9174 St. Lawrence Blvd. Montreal 11, Que	DU9-5914
•	**M M ENCLOSURES INC**	**111 Bloomingdale Rd. Hicksville, NY**	**WE1-1575**
	M Presnick 135-180-1220-1225		
Conn	N S Stachelek	94 Kenwood St. Kensington	VA8-4587
Fla	Ludlum Associates	4471 NW 39th St, Miami	TU5-3611
Ga	A C Craft & Assoc	Box 11706, Atlanta 5	
Ind	A E Williams	RD#1, Markle	948-5703
Mass	K B Pardy	43 Quarbaug Rd, West Acton	CO3-7146
NJ	R P Luce & Co	7 Beechwood Rd, Summit	CR3-8250
NY	R P Luce & Co	1100 Jericho Tpke, New Hyde Park	GE7-4550
Pa	M & S Electronics	1436 Land Title Bldg, Phila 10	PO5-0460
	M P ENGINEERING CO	**Fairfield 3, Conn**	**AM8-2385**
	M Pomeyke #4 *17 B 55-895-1255		
	MRC MFG CORP	**47 Buena Vista Ave, Yonkers, NY**	**GR6-3370**
	J Freeman #17 *50 C 735-1075-1120-125-1215		
Cal	Fieldtec, Field Eng Service	P.O. Box 705, Tustin	LI4-5616
Ohio	Airtronic Assoc, Inc	134 N St Clair St, Dayton 2	
Tex	The Runge Co., Inc	3321 Mercer St, Houston 27, Tex	
	MAC ALLEN CO	**New Market, NH**	**OL9-5533**
	900		
•	**MACARR INC**	**4360 Bullard Ave. Bronx, NY**	**FA5-5510**
	255-1340-1445		
	MACDERMID INC	**526 Huntingdon Ave, Waterbury 29, Conn**	**PL4-6161**
	265-315-1715-1915		
Cal	MacDermid Pacific Inc	18802 Foothill Ave, Torrance, Cal	DA4-4792
Colo	Mine & Smelter Supply Co	3800 Race St, Denver, Colo	CH4-4153
Ga	The Udylite Corp	1847 Cheshire Bridge Rd, Atlanta, Ga	TR5-3646
Ill	The Udylite Corp	2859 N. Natoma Ave, Chicago 34, Ill	TU9-6121
Ill	E F Stack	10110 S. Emerald Ave, Chicago 28, Ill	BE3-2089
Ind	The Udylite Corp	222 E. Arsenal Ave, Indianapolis 1, Ind	ME5-1780
Ind	Frank C Hartwig	4213 N. Audubon Rd, Indianapolis 26, Ind	LI6-2743
Mass	J T Sullivan	59 Thackeray Rd, Wellesley Hills 81	CE5-1701
Mich	Udylite Corp	1651 E. Grand Blvd, Detroit 11, Mich	WA1-3500
Mich	MacDermid Inc	800 Rosewood Ave, Ferndale, Detroit, 20	LI5-0064
Mo	Davies Supply & Mfg Co	4160 Meramec Ave, St. Louis 16, Mo	MO4-8032
Mo	R L Nyquist	10255 Julius Northway, St. Louis 27, Mo	YO5-8156
NY	The Udylite Corp	58-25 Queens Blvd, Woodside 77, NY	DE5-4300
NY	Harold Lazzar	79-11 41st Ave, Jackson Heights, NY	TW8-8277
NC	Marcel Courchesne	P.O. Box 9357, Charlotte, NC	
Ohio	William D Gordon	519 Laramie Trail, Cincinnati 15, Ohio	PO1-4296
Ohio	Clyde E Lowe	29707 Russell Ave, Bay Village, Ohio	ED1-1183
Ohio	Bill Young & Co., Inc	1843 N. Reading Rd, Cincinnati 15, Ohio	PO1-3020
Pa	The Udylite Corp	1400 Suckle Hwy, Pennsauken, NJ	NO5-3077
Pa	A J Butterer	P.O. Box 111, New Hope, Pa	VO2-5408
RI	C L Casablanca	639 Fruit Hill Ave, N. Providence, RI	EL3-3725
Tex	Davies Supply & Mfg Co	4160 Meramec Ave, St. Louis 16, Mo	MO4-8032
Tex	R L Nyquist	10255 Julius Northway, St. Louis 27, Mo	YO5-8156

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	MACDONALD & CO	**714 E Calif Ave. Glendale 6, Cal**	**CI1-6481**
	Sloan #1 *5 A 675-1615-1825		
Colo	Western Empire, Inc	3385 S Santa Fe, Englewood	SU9-3137
Conn	Connectronics Co., The	669 South Ave, Weston 93, Mass	CE5-2165
Del	David K Jones Co	31 E 21st St, Baltimore 18, Md	HO7-3766
DC	David K Jones Co	31 E 21st St, Baltimore 18, Md	HO7-3766
Ill	EMF Co., The	1645 W Wabansia Ave, Chicago 22	AR6-8780
Ind	Edwards-Lohse & Co	2123 E 9th, Cleveland 15, Ohio	TO1-5753
Me	Connectronics Co., The	669 South Ave, Weston 93, Mass	CE5-2165
Md	David K Jones Co	31 E 21st St, Baltimore 18	HO7-3766
Mass	Connectronics Co., The	669 South Ave, Weston 93	CE5-2165
Mich	Edwards Lohse Co	2123 E. 9th St, Cleveland, Ohio	TO1-5753
Minn	D A Schultz Co	801 SE 8th St, Minneapolis 14	FE9-7701
NH	Connectronics Co., The	669 South Ave, Weston 93	CE5-2165
NJ	Aero Sales Co	PO Box 53, Caldwell	CA6-2642
NM	Western Empire Inc	3385 S Santa Fe, Englewood, Colo	SU9-3137
NY	Maloney Sales Co	302 Merriman Ave, Syracuse 4	GR8-3008
Ohio	Edwards Lohse Co	2123 E. 9th St, Cleveland, Ohio	TO1-5753
Pa	Edwards Lohse Co	2123 E. 9th St, Cleveland, Ohio	TO1-5753
Pa	Maloney Sales Co	302 Merriman Ave, Syracuse 4, NY	GR8-3008
RI	Connectronic Co., The	669 South Ave, Weston 93, Mass	CE5-2165
Utah	Western Empire Inc	3385 S Santa Fe, Englewood, Colo	SU9-3137
Vt	Connectronics Co., The	669 South Ave, Weston 93, Mass	CE5-2165
Va	David K Jones Co	31 E 21st St, Baltimore 18, Md	HO7-3766
W Va	Edwards-Lohse & Co	2123 E 9th, Cleveland 15, Ohio	TO1-5753
Wis	D A Schultz Co	801 SE 8th St, Minneapolis 14, Minn	FE9-7701
Wyo	Western Empire Inc	3385 S Santa Fe, Englewood, Colo	SU9-3137
For	E Fischer	108 Rue Falguiere, Paris 15, Fr	
For	Frank Whiteley, Ltd	304 High St, Sutton Surrey, Eng	VIG025
	MACHINERY ELECTRIFICATION INC	**56 Hudson St, Northboro, Mass**	**EX3-2461**
	S Davis #22 *135 C 100-360-895-1460-1310		
Ala	Ray Williamson	P.O. Box 28, Gadsden, Ala	LI6-8040
Cal	Page E Golsan Jr	355 Pasadena Ave, S Pasadena	MU2-3303
Colo	Hubert Kaub & Co	1025 Santa Fe Dr, Denver 4	MA3-7201
Del	C A Briggs Assoc	Box 151, Glenside, Pa	TU7-4080
DC	C A Briggs Assoc	Box 151, Glenside, Pa	TU7-4080
Ga	Thomas B Combs Co	1873 Gordon Rd SW, Atlanta 10	PL8-5516
Idah	Donal Co	Box 7013, Portland 19, Ore	CH6-3131
Ill	E Kniepkamp	6818 Osborne Ave, Hammond, Ind	TE6-4630
Ind	E Kniepkamp	6818 Osborne Ave, Hammond	CH5-8830
Kan	Charles V Dunn Assoc	715 W 73rd Trafficway, Kansas City 8	JA3-5464
Ky	J W Dorsey & Assoc	420 Scott St, Covington	JU1-6161
Md	C A Briggs Assoc	Box 151, Glenside, Pa	TU7-4080
Mich	Charles H Armstrong Co	370 Livernois Ave, Ferndale 20, Mich	LI4-1305
Minn	Geo C May Co	3651 Cedar Ave, Minneapolis 7, Minn	PA9-9347
Mo	Harris-McIntyre Engineers, Inc	1110 S Brentwood Blvd, St Louis 17	PA5-9595
NJ	Machinery Electrification, Inc	1 Continental Ave, Forest Hills 75, NY	LI4-3314
NM	Hubert Kaub & Co	1025 Santa Fe Dr, Denver 4, Colo	MA3-7201
NY	Machinery Electrification Inc	1 Continental Ave, New York, NY	LI4-3314
NY	Machinery Electrification, Inc	1 Continental Ave, Forest Hills 75	LI4-3314
NY	E J Robinson Assoc	346 Niagara St, Buffalo 1	TT6-7350
NC	Electro-Motion Corp	2118 Arty Ave, Charlotte	334-5557
ND	George C May Co	3651 Cedar Ave, Minneapolis 7, Minn	PA9-9347
Ohio	J W Dorsey & Associates	420 Scott St, Covington, Ky	JU1-6161
Okla	Paul Berry, Inc	Box 3266, Oklahoma City 5	JA5-9475
Ore	Donal Co	P.O. Box 7013, Portland 19, Ore	CH6-3131
Pa	C A Briggs Associates	P.O. Box 151, Glenside, Pa	TU7-4080
SC	Electro-Motion Corp	2118 Arty Ave, Charlotte	334-5557
SD	George C May Co	3651 Cedar Ave, Minneapolis 7, Minn	PA9-9347
Tenn	Industrial Electric Co	123 S 11th St, Nashville	CA7-3812
Tex	B E Watson & Associates	9646 Parkford Rd, Dallas 18, Tex	DI8-3799
Wash	J A Tudor & Associates	3626 Western Ave, Seattle 1, Wash	MU2-7444
Wis	M J Mercer	Box 24, Wauwatosa 13	BR1-2411
•	**MACHLETT LABORATORIES INC**	**1063 Hope St. Springdale, Conn**	**FI8-7511**
	R Rose #80 *900 G 220-338-895-1880		
Cal	Machlett Laboratories, Inc	486 El Camino Real, Redwood City	
Cal	Graybar Electric Co., Inc	1750 Alameda St, San Francisco 1	MA1-5131
Cal	Graybar Electric Co., Inc	210 Anderson St, Los Angeles 54	AN3-7282
Fla	Graybar Electric Co	802 N Rome Ave, Tampa 6	TA8-8861
Ga	Graybar Electric Co	333 N Ave, NW, Atlanta	JA3-1751
Ill	Machlett Laboratories, The	510 N Dearborn St, Chicago 10	
Ill	Graybar Electric Co	2045 N Cornell Ave, Melrose Park	AU7-7700
Mass	Graybar Electric Co	345 Harrison Ave, Boston 18	HU2-5320
Mich	Graybar Electric Co	19045 Hamilton Ave	TO8-5550
Minn	Graybar Electric Co	824 S 4th St, Minneapolis 15	FE6-1621
Mo	Graybar Electric Co	600 S Taylor Ave, St Louis 10	JE1-4700
Mo	Graybar Electric Co	1644 Baltimore Ave, Kansas City 8	BA1-1644
NY	Graybar Electric Co	21-15 Bridge Plaza N, Long Island City 1	EX2-7000
Ohio	Graybar Electric Co	1100 E 55th St, Cleveland 3	HE1-2500
Ohio	Graybar Electric Co	115 W McMicken Ave, Cincinnati 10	MA1-0800
Pa	Graybar Electric Co	910 Cherry St, Philadelphia 7	WA2-5405
Pa	Graybar Electric Co	900 Ridge Ave, Pittsburgh 12	FA3-3800
Tex	Graybar Electric Co	717 Latimer St, Dallas 26	RI2-6451
Tex	Graybar Electric Co	1702 Cullen Blvd, Houston 3	CA8-4571
Va	Graybar Electric Co	13 S 6th St, Richmond 19	MI4-3431
Wash	Graybar Electric Co	1919 6th Ave, S Seattle 4	MU2-7723
	MACK ELECTRIC DEVICES INC	**49 Glenside Ave, Wyncote, Pa**	**TU4-8123**
	H McKinney C 1460		
Cal	R B Clapp Co. Inc	5454 Alhambra Ave, Los Angeles	
Mass	White Sales Co	945 Great Plains Ave, Needham	
Ohio	Leverette & Anderson Co	PO Box 5250, Akron	
Pa	J E Bmor	19 N Chelten Ave, Phila	
	A D MACKAY INC	**198 Broadway, New York 38, NY**	**BA7-8532**
	P Nisley *6 C 240-265-410-900-1125-1875-1885-1890-1960		
	MACKAY RESEARCH LABS	**Box 148A, Benson, Ariz**	
	D MacKay #3 *7 A 1135-1880		
	MacLAREN & CO. INC. F B	**15 Stepar Pl. Huntington Sta. NY**	**HA3-4433**
	F Brown #2 *11 B 29-338-360-875-1470-1550-1555		
NJ	George James	127 Lake Rd, Basking Ridge	
	MACLEOD & HANOPOL INC	**10 Roland St, Charlestown 29, Mass**	**MO6-2171**
	L Hanopol #22 *20 C 635-795-895-1515		
Conn	E R Wizard & Co	5900 Main St, Trumbull, Conn	AM8-5825

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Me	Fred Hall	215 Main St, Kingston, Mass	JU5-2433
Mass	Fred Hall	215 Main St, Kingston, Mass	JU5-2433
NH	Fred Hall	215 Main St, Kingston, Mass	JU5-2433
RI	E R Vizzard & Co	5900 Main St, Trumbull, Conn	AM8-5619
Vt	E R Vizzard & Co	5900 Main St, Trumbull, Conn	AM8-5619
	MAGIC CHEMICAL CO	**121 Crescent St. Brockton, Mass**	**JU3-8045**
	R Kravetz #3 *30 D 30-265-290-315-580-900-970-1070-1240-1290-1565-1930		
	MAGNAFLUX CORP SUB GENERAL MILLS	**7328 W. Lawrence Ave, Chicago 31, Ill**	**UN7-8000**
	F Cotlin #65 *420 F 360-460-895-955-990-1030-1085-1100-1125-1915		
Cal	Magnaflux Corp	2300 S. Garfield, Los Angeles 22, Cal	RA3-8561
Mich	Magnaflux Corp	2717 E. Grand Blvd. Detroit 11, Mich	TR3-4343
NY	Magnaflux Corp	25 W. 43rd St, New York 36, NY	BR9-1716
Ohio	Magnaflux Corp	3317 Prospect Ave, Cleveland 15, Ohio	HE2-0727
Pa	Magnaflux Corp	5161 Brownsville Rd, Pittsburgh 36, Pa	TU2-3448
Tex	Magnaflux Corp	2825 Manor Way, Dallas 35, Tex	FL2-2625
	MAGNALECTRIC CORP	**Box 6808, Tulsa, Okla**	**FI5-7278**
	G Petersen #3 *8 A 275-320-365-585-670-895-1135-1145-1290-1340-1855		
Cal	McGill & McGill	920 Tiburon Blvd, Tiburon, Cal	GE5-4575
	MAGNASYNC CORP	**5546 Satsuma Ave. N. Hollywood, Cal**	**PO9-2170**
	R Sogge #10 *65 D 670-895-1430-1435		
Cal	Birns & Sawyer	6424 Santa Monica Blvd, Hollywood 38	HO4-5166
Ill	Behrend Cine Corp	111 E. Grand, Chicago 11, Ill	MI2-2281
NY	Camera Equipment Co., Inc	315 W 43rd St, New York City 36, NY	JU6-1420
•	**MAGNATRAN INC**	**P. O. Box 211, Kearny, NJ**	**WY1-6633**
	W Gorlick, Jr *50 895-1855		
Md	Dickison Sales Co. Inc	107 York Rd, Towson	VA3-0923
NJ	Dickison Sales Co. Inc	202 Marlton Pike, Erlton	HA8-4086
Tex	John A Green Co	7118 Envoy Ct. Dallas 7	FL1-9947
	MAGNAVOX CO	**2131 Bueter Rd. Fort Wayne, Ind**	**E-9721**
	D Martin #723 *5200 G 35-45-70-325-385-775-810-840-895-915-1135-1145-1255-1395-1425-1655-1735-1870-1895		
Cal	Magnavox Research Laboratories	2829 Maricopa St. Torrance	FA8-0770
DC	Magnavox Co., The	1612 K St. NW, Washington	ME8-6515
NJ	O F Reynolds	138 Nis Rd. Lakewood	FO3-2694
	MAGNECORD BY MIDWESTERN INSTRUMENTS	**Box 7509, Tulsa 18, Okla**	**NA7-1111**
	P Busker #30 *500 E 810-895-1435		
Ala	Maitland K Smith Co	2805½ Canada Rd. Birmingham 13	TR1-9341
Ariz	Koessler Sales Co	818 N Fairfax Ave. Los Angeles, Cal	OL3-1605
Cal	Koessler Sales Co	818 N. Fairfax Ave, Los Angeles, Cal	OL3-1605
Cal	Koessler Sales Co	676 Fulton St, San Francisco 2, Cal	JO7-0F22
Conn	Michael A Limanni Co	41 Amesbury St. Lawrence, Mass	MU8-8362
Del	F R Jodon, Inc	4912 St Elmo Ave. Bethesda 14, Md	OL2-5110
DC	F R Jodon, Inc	4912 St Elmo Ave. Bethesda 14, Md	OL2-5110
Fla	Maitland K Smith Co	322 Riverside Dr. Ormond Beach	OR7-2298
Ga	Maitland K Smith Co	203 14th St. NW, Atlanta 13	TR5-8031
Haw	Koessler Sales Co	818 N Fairfax Ave. Los Angeles, Cal	OL3-1605
Ill	Del Hornbogen & Sons Sales Co	5334 W. Monroe St. Chicago 44, Ill	ES8-0150
Iowa	Del Hornbogen & Sons Sales Co	5334 W Monroe St. Chicago 44, Ill	ES8-0150
Kan	Maury E Bettis Co	423 N Fountain, Wichita	
Me	Michael A Limanni Co	41 Amesbury St. Lawrence, Mass	MU8-8362
Md	Frank F Jodon Inc	2404 Burridge Rd, Baltimore, Md	NO8-1933
Mass	Michael A Limanni Co	41 Amesbury St. Lawrence	MU8-8362
Mich	Del Hornbogen & Sons Sales Co	5334 W. Monroe St. Chicago 44, Ill	ES8-0150
Minn	Marvin Kirkeby Co	204 Sunnyridge Ln, Minneapolis, Minn	FR7-3239
Mo	Maury E Bettis Co	3706 Broadway, Kansas City 11	LO1-0772
Neb	Maury E Bettis Co	3706 Broadway, Kansas City 11, Mo	LO1-0772
Nev	Koessler Sales Co	818 N. Fairfax Ave, Los Angeles, Cal	OL3-1605
NH	Michael A Limanni Co	41 Amesbury St. Lawrence, Mass	MU8-8362
NJ	Stinson-Platt	2124 Darby Rd. Havertown, Pa	SU9-7112
NY	Marty Bettan Sales Co	77-15 164th St. Flushing 66	OL7-6659
NY	Maury Farber Assoc, Inc	75 W Chippewa St. Buffalo 2	TL6-3543
NC	Maitland K Smith Co	925 W Hill St, Charlotte	FR6-5951
ND	Marvin Kirkeby Co	204 Sunnyridge Ln, Mpls, Minn	FR7-3239
Ohio	James H Pottsley Co	5912 Pennsylvania Ave, Pittsburgh 6, Pa	HI1-0800
Okla	J Y Schoonmaker Co	5328 Redfield Ave. Dallas, Tex	LA6-7238
Pa	James H Pottsley Co	5912 Pennsylvania Ave, Pittsburgh 6, Pa	HI1-0800
Pa	Stinson-Platt	2124 Darby Rd. Havertown	SU9-7112
RI	Michael A Limanni Co	41 Amesbury St. Lawrence, Mass	MU8-8362
SC	Maitland K Smith Co	203 14th St. NW, Atlanta 13, Ga	TR5-8031
SD	Marvin Kirkeby Co	204 Sunnyridge Ln. Mpls, Minn	FR7-3239
Tenn	Maitland K Smith Co	203 14th St. NW, Atlanta 13, Ga	TR5-8031
Tex	J Y Schoonmaker Co	5328 Redfield Ave. Dallas	LA6-7238
Vt	Michael A Limanni Co	41 Amesbury St. Lawrence, Mass	MU8-8362
Va	F R Jodon, Inc	4912 St Elmo Ave. Bethesda 14, Md	OL2-5110
W Va	James H Pottsley Co	5912 Penn Ave. Pittsburgh 6, Pa	HI1-0800
Wisc	Del Hornbogen & Sons Sales Co	5334 W. Monroe St, Chicago 44, Ill	ES8-0150
Canada	Magnecord Canada	3351 Bloor St, W., Islington, Ont, Can	BE1-3303
For	Rocke Int Corp	13 E 40th St. New York 16, NY	MU9-0200
For	Magnecord Australasia	31 Mac Quarie Pl. Sydney, Aust	
	MAGNECRAFT ELECTRIC CO	**3352 W. Grand Ave, Chicago 51, Ill**	**EV4-6968**
	J Deimel #5 *105 E 1135-1460		
Ariz	R A Strassner Co	1557 N Western L A, Cal	HO3-5694
Cal	Hodges & Grand Inc	921 Bryant, San Francisco	UN3-0817
Cal	Richard A Strassner Co	1557 N. Western Ave, Los Angeles 27	HO3-5694
Conn	Ray Perron & Co	36 Louis St, Trumbull, Conn	AM8-9631
Del	S W Simberkoff	175 Oakwood Ave. Orange, NJ	
Fla	Mark Electronics Sales	P.O. Box 281, North Miami 61, Fla	UI7-1000
Ill	D Dolin Sales	3553 W Peterson, Chicago	JU8-3738
Ind	Horning Sales	Butler Ct, Fort Wayne, Ind	AN2083
Iowa	Engineering Services	1105 Oakland Gardens, Cedar Rapids	EM5-6183
Kan	Engineering Services	4500 Main St. Kansas City	JE1-7765
Ky	Horning Sales	Butler Court, Fort Wayne, Ind	AN2083
Me	Ray Perron & Co	1870 Centre St, Boston 32, Mass	FA3-1008
Md	S W Simberkoff	175 Oakwood, Orange, NJ	
Mass	Ray Perron & Co	1870 Centre St, Boston 32, Mass	FA3-1008
Mich	Gordon Reichold	1655 House, Belmont	GL1-1122
Minn	Mel Foster Co	2402 Hennepin Ave, Minneapolis 5, Minn	FR4-2612
Mo	Engineering Services	6717 Vernon, St Louis	PA6-2233
Neb	Engineering Services	6717 Vernon, St Louis, Mo	PA6-2233
Nev	Richard A Strassner Co	1557 N. Western Ave, Los Angeles, Cal	HO3-5694
NH	Ray Perron & Co	1870 Centre St, Boston 32, Mass	FA3-1008
NJ	Vanelman-Gorman Co	P.O. Box 206, Livingston, NJ	IN3-9803
NJ	S W Simberkoff	175 Oakwood, Orange, NJ	
NM	Richard A Strassner Co	1557 N. Western Ave, Los Angeles 27, Cal	HO3-5694
NY	Vanelman-Gorman Co	Box 206, Livingston, NJ	IN3-9800
NY	R Jackson Co	4445 Main St, Buffalo	CI0794
Ohio	Callaghan Bach	2229 Losantiville Rd, Cincinnati 13	RE1-8660
Pa	S W Simberkoff	175 Oakwood, Orange, NJ	
RI	Ray Perron & Co	1870 Centre St, Boston 32, Mass	FA3-1008
Tenn	Simberkoff Sales	175 Oakwood, Orange, NJ	
Vt	Ray Perron & Co	1870 Centre St, Boston 32, Mass	FA3-1008
Va	S W Simberkoff	175 Oakwood, Orange, NJ	
Wisc	D Dolin Sales	5219 N. Hopkins St, Milwaukee 9, Wisc	HO3-7410
	MAGNE-HEAD DIV GENERAL TRANSISTOR CORP	**2660 S. La Cienega Blvd, L A 34, Cal**	**UP0-8601**
	338-810		
Cal	Bill Kolvin Co	219 California Dr, Burlingame, Cal	DI4-7111
Cal	Malcolm Ross & Co	1623 S. La Cienega Blvd, Los Angeles	BR2-3103
Conn	Glenn M Hathaway Electronics	P.O. Box 797, Canaan, Conn	TA4-7215
Ill	Lightner Associates	6322 N. Milwaukee Ave, Chicago, Ill	SP4-1500
Md	S W Goodman Co	32 W. Biddle St, Baltimore 1, Md	VE7-2240
Mass	Glenn M Hathaway Electronics	298 Main St, Cambridge 42, Mass	KI7-0310
Mich	R C Merchant & Co	18411 W. McNichols Ave, Detroit, Mich	KE5-6000
Mich	R G Dailey & Co	201 E. Catherine St, Ann Arbor, Mich	NO8-6904
Minn	Hamilton & Doyle Associates	3100 Republic Ave, Minneapolis, Minn	
NY	R W Mitscher Co., Inc	487 Ellicott Sq Bldg, Buffalo, NY	MA2-517
NY	S A Shaw Co	351 Central Park Ave, Yonkers, NY	YO3-5700
•	**MAGNETIC AMPLIFIERS DIV. SIEGLER CORP**	**632 Tinton Ave. NY 55**	**CY2-6610**
	35-320-338-360-365-475-535-895-915-1150-1340-1455-1855		
Cal	John Francis O'Halloran & Assoc	11636 Ventura Blvd, N. Hollywood	TR7-0173
Colo	William Stasick	142 Broadway, Denver	PE3-4847
DC	J W Whitfield	1111 Onondaga Rd, Washington 16, DC	EX3-5640
Fla	Jaeger & Conway	1809 E. Colonial Dr. Orlando	CH1-6595
Mass	Mark Caplan	16 Prescott Rd. Concord	CL9-9133
Mich	Alex Minidis	3230 Devon Brook Dr. Bloomfield Hills	MI7-2499
NY	George Greer	1123 Douglas Pl. Seaford	SU5-6919
NY	Hecht Electronics Inc	323 Hickok Ave. Syracuse	HO3-6529
NC	R B Hamilton Co	Hickory, NC	
Pa	B C Eng. Co	Arcs Bldg, Devon	
Tex	Tex-O-Kome Sales Co	27250 W. Jefferson, Grand Prairie, Tex	AN2-2866
Wash	H R Schultz Co	4227 Airport Way, Seattle 8	MA4-8650
Canada	Cossor Ltd	301 Windsor St, Halifax, N S, Canada	
Foreign	Mulwane Pvt Ltd	127 Mahatma Gandhi Rd, Bombay, India	
Foreign	P Goosen & Co	129 Erlangen, Bayern, Germany	
	MAGNETIC CIRCUIT ELEMENTS INC	**3722 Park Pl, Montrose, Cal**	**CH5-2012**
	A Engstrom #3 *15 B 275-320-365-670-895-915-1340-1420-1855		
•	**MAGNETIC CONTROLS CO**	**6329 Cambridge St, Minneapolis 16, Minn**	**WE9-4691**
	J Secord #25 * 150 E 338-360-895-1340		
Mass	V J Huntoon Co	370 Belmont Ave, Springfield, Mass	ST8-8516
	MAGNETIC DEVICES INC	**712 East St, Frederick, Md**	**MO2-2144**
	F Cook #2 *41 B 1460		
Ill	Bierhaus-Badham Sales, Inc	7135 W Armitage Ave, Chicago 35	TU9-5011
	MAGNETIC INSTRUMENTS CO INC	**637 Commerce St. Thornwood, NY**	**RO9-5312**
	R Levine #4 *20 C 360-895-1850		
Ariz	Wright Engineering Co	180 E California Blvd. Pasadena, Cal	MU1-8488
Cal	Wright Engineering Co	135 25th Ave. San Mateo	FI5-3157
Cal	Wright Engineering Co	180 E California Blvd. Pasadena	MU1-8488
Conn	Advanced Instruments Inc	45 Kenneth St. Newton Highlands, Mass	DE2-8200
Del	Maintenance Engineering Co	P O Box 143, Claymont	SY8-9201
Ill	Automation Engineering Co	495 W Dorris Dr, Milwaukee, Wis	FL5-8097
Ind	Tower Engineering Co	3898 Linden Ave. Dayton, Ohio	CL6-0931
La	Gay Sales Co	4230 Sul Ross St. Houston, Tex	JA9-3479
La	Gay Sales Co	PO Box 8414, Dallas, Tex	EM8-2325
Me	Advanced Instruments Inc	45 Kenneth St. Newton Highlands, Mass	DE2-8200
Mass	Advanced Instruments Inc	45 Kenneth St. Newton Highlands	DE2-8200
Mich	Tower Engineering Co	19364 James Couzens Hwy. Detroit	
Nev	Wright Engineering Co	135 25th Ave. San Mateo, Cal	FI5-3157
NH	Advanced Instruments Inc	45 Kenneth St. Newton Highlands, Mass	DE2-8200
NJ	Jud Williams Associates	50 Main St. Orange	OR5-7199
NY	Blake Equipment Co	404 Grand Ave, Englewood, NJ	LO7-4252
NY	W J Somers Co	135 Englewood Ave. Buffalo	AT7-800
Ohio	Tower Eng Co	7138 Lee Rd. Cleveland Hts	YE2-8563
Ohio	Tower Engineering Co	3898 Linden Ave. Dayton	CL6-0931
Pa	Maintenance Engineering Co	P O Box 143, Claymont, Del	SY8-9201
Tex	Gay Sales Co	4230 Sul Ross St. Houston	JA9-3479
Tex	Gay Sales Co	P O Box 8414, Dallas	JA8-2325
Vt	Advanced Instruments, Inc	45 Kenneth St. Newton Highlands, Mass	DE2-8200
Wis	Automation Engineering Co	495 W Dorris Dr. Milwaukee	FL5-8097
For	Radionics Ltd	8230 Mayrand St. Montreal, Can	RE9-5517
For	Scientific Furnishings Ltd	Poynton Cheshire, Eng	
	MAGNETIC METALS CO	**Hayes Ave at 21 St, Camden, NJ**	**WO4-7842**
	S Pettit #42 *485 380-980-1580		
Ala	Magnetic Metals Co	1224-26 Colonial Dr. E, Orlando, Fla	GA2-8030
Ariz	Magnetic Metals Co	853 Production Pl. Newport Beach, Cal	MI6-3987
Ark	Magnetic Metals Co	2517 Converse St. Dallas, Tex	RI8-1686
Cal	Magnetic Metals Co	853 Production Pl. Newport Beach	MI6-3987
Colo	Magnetic Metals Co	2149 S Clermont St. Denver, Colo	SK6-3107
Conn	Magnetic Metals Co	6709 Boulevard E, West NY, NJ	PL7-3900
Del	Magnetic Metals Co	1616 Walnut St. Philadelphia, Pa	PE5-8625
DC	Magnetic Metals Co	1616 Walnut St. Philadelphia, Pa	PE5-8625
Fla	Magnetic Metals Co	1224-26 E Colonial Dr. Orlando	GA2-8030
Ga	Magnetic Metals Co	1224-26 E Colonial Dr. Orlando, Fla	GA2-8030
Idah	Magnetic Metals Co	853 Production Pl. Newport Beach, Cal	MI6-3987
Ill	Magnetic Metals Co	6034 N Cicero Ave, Chicago	MU5-7441
Ind	Magnetic Metals Co	6034 N Cicero Ave, Chicago, Ill	MU5-7441
Iowa	Magnetic Metals Co	6034 N Cicero Ave, Chicago, Ill	MU5-7441
Ky	Magnetic Metals Co	129 House Dr. Akron, Ohio	MI4-8375
Me	Magnetic Metals Co	Columbia Rd, Marshfield, Mass	KE6-5227
Md	Magnetic Metals Co	1616 Walnut St, Philadelphia, Pa	PE5-8625
Mass	Magnetic Metals Co	Columbia Rd, Marshfield	KE6-5227
Mich	Magnetic Metals Co	6034 N Cicero Ave, Chicago, Ill	MU5-7441
Minn	Magnetic Metals Co	1645 Hennepin Ave, Minneapolis	FE9-6941
Miss	Magnetic Metals Co	1224-26 E Colonial Dr, Orlando, Fla	GA2-8030
Mo	Magnetic Metals Co	6034 N Cicero Ave, Chicago, Ill	MU5-7441
Mont	Magnetic Metals Co	2149 S Clermont St, Denver, Colo	SK6-3107
Nev	Magnetic Metals Co	853 Production Pl, Newport Beach, Cal	MI6-3987
NH	Magnetic Metals Co	Columbia Rd, Marshfield, Mass	KE6-5227
NJ	Magnetic Metals Co	Spring St, Harrington Park	PL2-4349
NM	Magnetic Metals Co	2149 S Clermont St, Denver, Colo	SK6-3107
NY	Magnetic Metals Co	6709 Blvd. E, West NY, NJ	PL7-3900
NC	Magnetic Metals Co	1616 Walnut St, Philadelphia, Pa	PE5-8625
Ohio	Magnetic Metals Co	129 House Dr, Akron	MI4-8375
Okla	Magnetic Metals Co	2517 Converse St, Dallas, Tex	RI8-1686
Ore	Magnetic Metals Co	853 Production Pl, Newport Beach, Cal	MI6-3987
Pa	Magnetic Metals Co	1616 Walnut St, Philadelphia	PE5-8625
RI	Magnetic Metals Co	Columbia Rd, Marshfield, Mass	KE6-5227
SC	Magnetic Metals Co	1616 Walnut St, Philadelphia, Pa	PE5-8625
Tenn	Magnetic Metals Co	129 House Dr, Akron, Ohio	MI4-8375
Tex	Magnetic Metals Co	2517 Converse St, Dallas	RI8-1686
Utah	Magnetic Metals Co	2149 S Clermont St, Denver, Colo	SK6-3107
Vt	Magnetic Metals Co	Columbia Rd, Marshfield, Mass	KE6-5227
Va	Magnetic Metals Co	1616 Walnut St, Philadelphia, Pa	PE5-8625
Wash	Magnetic Metals Co	853 Production Pl, Newport Beach, Cal	MI6-3987
W Va	Magnetic Metals Co	1616 Walnut St, Philadelphia, Pa	PE5-8625
Wis	Magnetic Metals Co	6034 N Cicero Ave, Chicago, Ill	MU5-7441
Wyo	Magnetic Metals Co	2149 S Clermont St, Denver, Colo	SK6-3107
	MAGNETIC POWDERS INC	**Fairview Ave. Johnsonburg, Pa**	**WO5-2015**
	1125		
	MAGNETIC RESEARCH CORP	**3160 W El Segundo Blvd. Hawthorne, Cal**	**OS5-1171**
	H Schmidt #15 *100 E 895		
Ala	Roy Attaway Co	2515 Bob Wallace Ave. Huntsville	534-2811
Cal	Downs & Co	7440 Girard Ave. La Jolla	GL4-0749
Cal	James S Heaton Co., The	413 Lathrop St, Redwood City	EM8-5278
Cal	Meredith Engineering Assoc	385 E Green St, Pasadena	MU1-9957
Cal	Saeger Engineering Sales	1995 Division, Pomona	NA9-4590
Cal	John C Wilson	3520 Alameda, Menlo Park	DA2-7249
Colo	Applied Engineering Products Co	405 Felt Bldg, Salt Lake City, Utah	EM4-4942
Del	The Jay Co	2420 Wilson Blvd, Arlington 1, Va	JA4-6767
DC	The Jay Co	2420 Wilson Blvd, Arlington 1, Va	JA4-6767
Fla	Roy Attaway Co	711 Magnolia Ave, Orlando, Fla	GA4-3983
Ga	Roy Attaway Co.	P.O. Box 381, Decatur, Ga	DR7-8343
Idaho	Applied Engineering Products Co.	405 Felt Bldg, Salt Lake City, Utah	EM4-4942
Ill	Walter F Marsh & Assoc. Inc	224 Chicago Ave, Oak Park	EU6-1702
Ill	Ray Anthony	600 N Washington, Sparta	7-33
Ind	Walter F Marsh & Assoc. Inc	224 Chicago Ave. Oak Park, Ill	EU6-1702
Iowa	Walter F Marsh & Assoc. Inc	224 Chicago Ave. Oak Park, Ill	EU6-1702
Kan	Jo-Joyce Engineering Sales Corp	137 Walnut Hill Village, Dallas, Tex	FL7-1411
Me	Brookdale Engineering Co	6 Beacon St, Boston 8, Mass	CA7-1515
Md	The Jay Co	2420 Wilson Blvd, Arlington 1, Va	JA4-6767
Mass	Brookdale Engineering Co	6 Beacon St, Boston 8, Mass	CA7-1515
Mo	Ray Anthony	600 N Washington, Sparta, Ill	7-33
NH	Brookdale Engineering Corp	6 Beacon St, Boston 8, Mass	CA7-1515
NJ	Dynamic Sales Corp	157 Broad St, Red Bank	SH7-5353
NJ	R E Weber Co	18 Milltown Rd, East Brunswick	CL7-5243
NM	Applied Engineering Products Co	405 Felt Bldg, Salt Lake City, Utah	EM4-4942
NY	Brookdale Engineering Co	6 Beacon St, Boston, Mass	CA7-1515
NY	Dynamic Sales Corp	157 Broad St, Red Bank, NJ	SH7-5353
Okla	Jo-Joyce Engineering Sales Corp	137 Walnut Hill Village, Dallas, Tex	FL7-1411
Pa	Dynamic Sales Corp	157 Broad St, Red Bank, NJ	SH7-5353
RI	Brookdale Engineering Co	6 Beacon St, Boston, Mass	CA7-1515
Tenn	Roy Attaway Co	2515 Bob Wallace Ave SW, Huntsville	534-2811
Tex	Jo-Joyce Engineering Sales Corp	137 Walnut Hill Village, Dallas, Tex	FL7-1411
Utah	Applied Engineering Products Co.	405 Felt Bldg, Salt Lake City, Utah	EM4-4942
Vt	Brookdale Engineering Co	6 Beacon St, Boston, Mass	CA7-1515
Va	The Jay Co	2420 Wilson Blvd, Arlington 1, Va	JA4-6767
Wyo	Applied Engineering Co	405 Felt Bldg, Salt Lake City, Utah	EM4-4942
•	**MAGNETIC SHIELD DIV PERFECTION MICA CO**	**1322 N. Elston Ave, Chicago 22, Ill**	**EV4-2122**
	G Powers *386 E 135-705-900-1125-1575-1580-1890		
Alas	Seatronics, Inc	1817 Norman St, Seattle 44, Wash	EA3-8545
Ariz	Perlmuth Elec Assoc	2659 E Thomas Rd, Phoenix 8	AM4-4934
Cal	Perlmuth Elec Associates	941 Charleston Rd, Palo Alto, Cal	DA1-5064
Cal	Perlmuth Elec Associates	5057 W. Washington Blvd, Los Angeles	WE1-1041
Cal	Perlmuth Elec Assoc	1020 Scott St, San Diego 6	AC4-1717
Conn	Abbott Allison Co	P.O. Box 467, Meriden, Conn	BE7-9232
Del	Dave Jones	31 E. 21st St, Baltimore, Md	BE5-5576
DC	Dave Jones	31 E. 21st St, Baltimore, Md	BE5-5576
Fla	J Neil & Co	3921 SW 5th Terr, Miami	HI4-1118
Me	Abbott Allison Co	P.O. Box 467, Meriden, Conn	BE7-9232
Md	Dave Jones	31 E 21st St, Baltimore, Md	HO7-3766
Mass	Abbott Allison Co	P.O. Box 467, Meriden, Conn	BE7-9232
NH	Abbott Allison Co	P.O. Box 467, Meriden, Conn	BE7-9232
NJ	Jules Bressler Co	4808 Bergenline, Union City, NJ	UN4-9577
NY	Jules Bressler Co	4808 Bergenline St, Union City, NJ	UN4-9577
NC	Dave Jones	31 E 21st St, Baltimore, Md	BE5-5576
Okla	MacRae Smith Co	P.O. Box 35113, Dallas, Tex	FL1-1615
Pa	Dave Jones	31 E 21st St, Baltimore, Md	HO7-3766
RI	Abbott Allison Co	P.O. Box 467, Meriden, Conn	BE7-9232
Tex	MacRae Smith Co	P.O. Box 19997, Houston 24	HO5-7750
Tex	MacRae Smith Co	P.O. Box 35113, Dallas	FL1-1615
Vt	Abbott Allison Co	P.O. Box 467, Meriden, Conn	BE7-9232
Va	Dave Jones	31 E. 21st St, Baltimore, Md	BE5-5576
Wash	Seatronics, Inc	1817 Norman St, Seattle 44	EA3-8545
Canada	R S Griffith	455 Mt. Stephen, Montreal, Que, Canada	WE7-1167
	MAGNETIC SPECIALTIES INC	**P. O. Box 476, Trenton 3, NJ**	**EX2-4188**
	W Byrd #2 *8 A 320-880-895-1420-1855		
	MAGNETICO INC	**6 Richter Ct, East Northport, NY**	**AN1-4502**
	M Berry #5 *50 320-895-915-1855		
Ariz	J W Marsh Co	2525 San Diego Ave, San Diego 10, Cal	CY5-5145
Cal	J W Marsh Co	4216 W. Jefferson Blvd, L A 16, Cal	RE2-0145

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	J W Marsh Co	1259 Fitzgerald Ave, San Francisco 24, Cal	VA4-6714
Conn	Terry Assoc	Pumpkin Hill, New Milford	EL4-7554
Fla	DuBovy Assoc	[illegible] N. Orange Ave, Orlando	CH1-1684
Me	Terry Assoc	Pumpkin Hill, New Milford, Conn	EL4-7554
Mass	Terry Assoc	Pumpkin Hill, New Milford, Conn	EL4-7554
Nev	J-W Marsh Co	1259 Fitzgerald Ave, San Francisco 24, Cal	VA4-6714
NH	Terry Assoc	Pumpkin Hill, New Milford, Conn	EL4-7554
RI	Terry Assoc	Pumpkin Hill, New Milford, Conn	EL4-7554
Vt	Terry Assoc	Pumpkin Hill, New Milford, Conn	EL4-7554

• **MAGNETICS, INC.** — Butler, Pa — BU7-3787
R Olmsted #40 *370 F 380-1575-1580

TERR	OFFICES		TEL. NO.
Ariz	Carl Hower & Co	345 N. Marshall Ave, Scottsdale, Ariz	WH5-2471
Cal	Magnetics Inc	1743 Maryland St, Redwood City	EM5-1210
Cal	Magnetics Inc	3842 E. Colorado Blvd, Pasadena, Cal	MU1-7487
Colo	Inland Associates	2803 Saturn Dr. Colorado Springs	ME3-2050
Fla	C. B. Small	Box 1346, Orlando, Fla	4-2071
Ill	H. G. Pretzl, Inc	4 N. Cicero Ave, Chicago 44, Ill	CO1-3146
Ind	H. G. Pretzl, Inc	2511 W. Drexel, Ft. Wayne, Ind	KE-1251
Kan	Inland Associates	6047 Howe Dr, Mission, Kan	EN2-2366
Mass	Magnetics Inc	Tupelo Rd, Holly Ridges, Marshfield	PI6-2460
Mich	Warner, Kesler & Assoc	P O Box 338, Whitley, Ind	723-5353
Minn	Fred Peterson	2435 Hennepin Ave, Minneapolis, Minn	FR7-3025
Minn	Chet Friedrickson	1968 W County Rd E, St Paul 12	
Mo	James W. O'Brien	25 S. Bemiston Ave, Clayton 5, Mo	PA1-4435
NJ	Magnetics Inc	172 Dahlia Terrace, N. Plainfield, NJ	PL7-0182
NY	Magnetics Inc	171 E Post Rd, White Plains	WH6-7777
NY	Fowler-Beach Corp	3700 E. Ave, Rochester 18, NY	LU6-0468
NC	The Hilker Co	Box 5211, Winston Salem, NC	PA5-8588
Ohio	R. G. Sumell	1229 Westlake Ave, Cleveland 7, Ohio	AC1-1313
Pa	Roy Marchetti	675 Princeton Blvd, Pittsburgh 21	CH2-1476
Tex	Lawrence Sales Co	P O Box 13035, Dallas 20	FL2-7484
Canada	George M. Fraser Ltd	1654 Yonge St, Toronto 7, Ontario	WA4-9492
Export	E. Friedenberg, Inc	50 Rockefeller Plaza, New York 20, NY	PL7-9130

• **MAGNETICS INC INDUSTRIAL CONTROL EQPT** — Butler, Pa — 7-3787
R Olmsted #40 *370 F 180-360

TERR	OFFICES		TEL. NO.
Cal	Magnetics Inc	1743 Maryland St, Redwood City	EM6-1210
NY	Magnetics Inc	171 E Post Rd, White Plains	WH6-7777
Ohio	George Drysdale	785 W Ohio Pike, Cincinnati 45	PL2-6683
Pa	Russell F Clark Co	Clark Bldg, Pittsburgh 22	AT1-8089
For	B Friedenberg, Inc	50 Rockefeller Plaza, New York 20, NY	PL7-9130

MAGNETICS RESEARCH CO., INC — 255 Grove St, White Plains, NY — WH9-9568
338-895-1855

TERR	OFFICES		TEL. NO.
Conn	MF Aronson & Co	Box 182, Brookline, Mass	
Me	MF Aronson & Co	Box 182, Brookline, Mass	
Mass	MF Aronson & Co	Box 182, Brookline, Mass	
NH	MF Aronson & Co	Box 182, Brookline, Mass	
NY	John Wilde Association	1519 Northern Blvd, Roslyn, NY	
RI	MF Aronson & Co	Box 182, Brookline, Mass	
Vt	MF Aronson & Co	Box 182, Brookline, Mass	

MAGTROL INC — 240 Seneca St, Buffalo 4, NY — TL6-7451
J Traina #4 *70 D 20-145-310-360-895

TERR	OFFICES		TEL. NO.
Ala	Raymund Edward C Co	P.O. Box 8215, Madeira Beach, Fla	WA1-9735
Ariz	Davidson Joe & Associates	P.O. Box 308, S. Gate, Cal	NE6-2245
Cal	Davidson Joe & Associates	P.O. Box 308, S. Gate, Cal	NE5-2245
Conn	Bordewieck Engineering Sales Co	221 Grove St, Boston 85, Mass	VI3-0845
Del	R L Wilkinson, Inc	707 Stevenson Ln, Towson, Md	DR7-7800
DC	R L Wilkinson, Inc	P O Box 218, Falls Church, Va	JE2-7076
Fla	Raymund Edward C Co	P.O. Box 8215, Madeira Beach, Fla	WA1-9735
Ga	Raymund Edward C Co	1487 Kenilworth Dr, S.W., Atlanta, Ga	PL5-5118
Ill	Houston David	607 E. Willow Ave, Wheaton, Ill	MO8-7312
Ind	Electro-Rep	22519 Telegraph Rd, Southfield, Mich	EL6-7211
Iowa	Houston David	607 E. Willow Ave, Wheaton, Ill	MO8-7312
Me	Bordewieck Engineering Sales Co	221 Grove St, Boston 85, Mass	VI3-0845
Md	R L Wilkinson, Inc	707 Stevenson Ln, Towson	DR7-7800
Mass	Bordewieck Engineering Sales Co	221 Grove St, Boston 85, Mass	VI3-0845
Mich	Electro-Rep	22519 Telegraph Rd, Southfield, Mich	EL6-7211
NH	Bordewieck Engineering Sales Co	221 Grove St, Boston 85, Mass	VI3-0845
NJ	Tranco Assoc	45 N Sta Plaza, Great Neck, NY	HU7-9866
NJ	R L Wilkinson, Inc	P O Box 215, Glenside, Pa	HA4-8400
NY	Tranco Assoc	45 N Station Plaza, Great Neck	HU7-9866
NY	E F Haines	312 Norwood Ave, Buffalo	TT6-2852
NC	Raymund Edward C	P.O. Box 8215, Madeira Beach, Fla	WA1-9735
Ohio	Electro-Rep	22519 Telegraph Rd, Southfield, Mich	EL6-7211
Okla	Ammon & Champion	2714 Bomar St, Dallas 5, Tex	FL7-3939
Pa	R L Wilkinson, Inc	P O Box 215, Glenside	HA4-8400
RI	Bordewieck Engineering Sales Co	221 Grove St, Boston 85, Mass	VI3-0845
SC	Raymund Edward C	P.O. Box 8215, Madeira Beach, Fla	WA1-9735
Tex	Ammon & Champion, Inc	2714 Bomar St, Dallas 5	FL7-3939
Vt	Bordewieck Robert	221 Grove St, Boston 85, Mass	VI3-0845
Va	R L Wilkinson, Inc	P O Box 218, Falls Church	JE2-7076
Wisc	Houston David	607 E. Willow Ave, Wheaton, Ill	MO8-7312
Canada	Found Brothers	Malton Airport, Malton, Ontario, Canada	BU6-2241

MAHLER RESEARCH FOUNDATION — P.O. Box 1159, New York 1, NY — HI6-7441
T Deaton #10 *50 A 280-1190-1605

• **MAICO ELECTRONICS INC** — 21 N. 3rd St, Minneapolis 1, Minn — FE9-7941
B Benson #18 *269 E 338-360-810-815-895

MAIDA DEVELOPMENT CO — 214 Academy St, Hampton, Va — PA3-0785
F Maida 215-220

TERR	OFFICES		TEL. NO.
Ariz	Shefler-Kahn Co	P.O. Box 1517, Phoenix, Ariz	AL8-7893
Cal	J C Simon Co	633 S. La Brea Ave, LA	
Conn	Maida Development Co	271 Church St, New York, NY	WO6-4550
Ill	Maida Development Co	1608 N. Meade Ave, Chicago, Ill	BE7-7373
Ind	Maida Development Co	1608 N. Meade Ave, Chicago, Ill	BE7-7373
Iowa	Maida Development Co	1608 N. Meade Ave, Chicago, Ill	BE7-7373
Kan	Maida Development Co	1608 N. Meade Ave, Chicago, Ill	BE7-7373
Md	John Hansen	P.O. Box 504, Brielle, NJ	CA3-1881
Mass	Maida Development Co	271 Church St, New York, NY	WO6-4550
Mich	Maida Development Co	1608 N. Meade Ave, Chicago, Ill	BE7-7373
Mo	Maida Development Co	1608 N. Meade Ave, Chicago, Ill	BE7-7373
NH	Maida Development Co	271 Church St, New York 13, NY	WO6-4550
NJ	John Hansen	P.O. Box 504, Brielle, NJ	CA3-1881
NY	John Hansen	P.O. Box 504, Brielle, NJ	CA3-1881
Ohio	Maida Development Co	1608 N. Meade Ave, Chicago, Ill	BE7-7373
Pa	John Hansen	P.O. Box 504, Brielle, NJ	CA3-1881
Tenn	Maida Development Co	1608 N. Meade Ave, Chicago, Ill	BE7-7373
Va	John Hansen	P.O. Box 504, Brielle, NJ	CA3-1881
Wisc	Maida Development Co	1608 N. Meade Ave, Chicago, Ill	BE7-7373

MALAYAN TIN BUREAU — 2000 K St, N.W., Washington 6, DC — FE3-1020
1125

MALCO MFG CO — 4025 W Lake St, Chicago 24, Ill — VA6-9300
A Deldene #25 *175 E 345-790-1075-1315-1325-1330-1735-1780-1785-1855

TERR	OFFICES		TEL. NO.
Ark	Packard Associates	Love Field Terminal Bldg, Dallas 35, Tex	FL7-5713
Colo	Longstreet Smith Associates Inc	1013-15th St, Denver, Colo	KE4-5091
Conn	R S Pettigrew & Co	10 N. Main St, W. Hartford, Conn	AD3-8533
Del	Habco Electronics	603 Allegheny Ave, Towson 4, Md	VA5-9637
Fla	Chris Small	P.O. Box 1346, Orlando, Fla	4-2071
Ill	A V Doran Co	950 Francis Pl, St Louis 5, Mo	PA5-3377
Ind	Lesco	Box 846, Bloomington, Ind	ED6-6034
Iowa	A V Doran Co	950 Francis Pl, Clayton, St. Louis 5, Mo	PA5-3377
Kan	A V Doran Co	950 Francis Pl, Clayton, St. Louis 5, Mo	PA5-3377
La	Packard Associates	Love Field Terminal Bldg, Dallas 35, Tex	FL7-5713
Me	R S Pettigrew & Co	10 N. Main St, W. Hartford, Conn	AD3-8533
Md	Habco Electronics	603 Allegheny Ave, Towson 4, Md	VA5-9637
Mass	R S Pettigrew & Co	10 N. Main St, W. Hartford, Conn	AD3-8533
Minn	Bill Bartelson Co	330 Oak Grove, Minpls 3	FE3-6709
Mo	A V Doran Co	950 Francis Pl, Clayton, St. Louis 5, Mo	PA5-3377
Neb	A V Doran Co	950 Francis Pl, Clayton, St. Louis 5, Mo	PA5-3377
NH	R S Pettigrew & Co	10 N. Main St, W. Hartford, Conn	AD3-8533
NJ	Murray Sales Co	25 W. Northfield Rd, Livingston, NJ	WY2-0520
NM	Longstreet Smith Associates Inc	1013-15th St, Denver, Colo	KE4-5091
NY	Murray Sales Co	25 W. Northfield Rd, Livingston, NJ	WY2-0520
Ohio	John O Olsen Co	16201 Shaker Blvd, Cleveland 20, Ohio	SK2-5444
Okla	Packard Associates	Love Field Terminal Bldg, Dallas 35, Tex	FL7-5713
Ore	Paramount Technical Agencies	8210-35th N.W., Seattle 7, Wash	SU4-6447
Pa	Murray Sales Co	25 W. Northfield Rd, Livingston, NJ	WY2-0520
Pa	John O Olsen Co	16201 Shaker Blvd Cleveland 20, Ohio	SK2-5444
RI	R S Pettigrew & Co	10 N. Main St, W. Hartford, Conn	AD3-8533
Tex	Packard Associates	Love Field Terminal Bldg, Dallas 35, Tex	FL7-5713
Utah	Longstreet-Smith Assoc	1013 15th St, Denver, Colo	KE4-5091
Vt	R S Pettigrew & Co	10 N. Main St, W. Hartford, Conn	AD3-8533
Va	Habco Electronics	603 Allegheny Ave, Towson 4, Md	VA5-9637
Wash	Paramount Technical Agencies	8210-35th N.W., Seattle 7, Wash	SU4-6447
W. Va	John O Olsen Co	16201 Shaker Blvd, Cleveland 20, Ohio	SK2-5444
Wyo	Longstreet Smith Associates Inc	1013-15th St, Denver, Colo	KE4-5091
Can	Eric Moreland Co	130 Ahrens W, Kitchener, Ont	SH5-8310
Foreign	Industrias Commerciales, S A	Tonala, No 343, Mexico 7, D F	14-65-65
For	Malek Representaciones	Rodriguez Pena 446, Buenos Aires, Arg	49-0545

MALLINCKRODT CHEMICAL WORKS — Second & Mallinckrodt Sts, St Louis 7, Mo — CE1-8980
240-265-290-410-1125-1415

TERR	OFFICES		TEL. NO.
Cal	Mallinckrodt Chemical Works	3316 E. 44th St, Los Angeles 58, Cal	LU3-2297
Ill	Mallinckrodt Chemical Works	307 N. Michigan Ave, Chicago 1, Ill	ST2-1407
NY	Mallinckrodt Chemical Works	72 Gold St, New York 8, NY	WO4-4900
Ohio	Mallinckrodt Chemical Works	3053 Vernon Pl, Cinc 19	AV1-6341
Can	Mallinckrodt Chemical Works	378 St. Paul St. W. Montreal 1, Que	VI9-4225
Can	Mallinckrodt Chemical Works	1270 Castlefield Ave. Toronto 19, Ont	RU2-1109

MALLORY & CO. INC., P. R. — 34 S Gray St. Indianapolis 6, Ind — ME6-5353
H Buell G

MALLORY BATTERY CO — 60 Elm St. North Tarrytown, NY — ME1-4500
J Nesbitt G 70

MALLORY CAPACITOR CO — 34 S Gray St. Indianapolis 6, Ind — ME6-5353
R Zucker G 220

MALLORY CONTROLS CO — Frankfort, Ind — 5501
J Clayton F 360-920-925-1315-1330-1475-1480-1735

MALLORY ELECTROMAGNETIC CO — DuQuoin, Ill — LI2-2154
K Schafer F 275-1460-1935

MALLORY ELECTRONICS DIV — 3302 English Ave. Indianapolis, Ind — ME6-5353
J Bevender E 325-330-365-915-1150-1340-1460

MALLORY SEMICONDUCTOR CO — DuQuoin, Ill — LI2-2154
R Forbes F 410-1150-1445

TERR	OFFICES		TEL. NO.
Cal	Mallory & Co., Inc P R	5121 E. Gravey Ave, Rosemead, Cal	CU3-7991
Cal	Mallory & Co., Inc P R	921 Bryant St, San Francisco 3, Cal	UN1-2367
Colo	Mallory & Co. Inc., P. R.	1105 S Inca, Denver	PE3-5561
DC	Mallory & Co., Inc P R	1401 K St, N.W., Washington 5, DC	EX3-0098
Ga	Mallory & Co., Inc P R	26 E. Andrews Dr, N.E., Atlanta, Ga	CE3-5308
Ill	Mallory & Co., Inc P R	3672 Milwaukee Ave, Chicago 41, Ill	KI5-1125
Mass	Mallory & Co., Inc P R	118 Main St, Watertown, Mass	WA4-2214
Mich	Mallory & Co. Inc., P. R.	2254 Cole Ave, Birmingham	MI4-7954
Minn	Mallory & Co., Inc P R	721 N. Lake St, Minneapolis 8, Minn	TA7-4678
Mo	Mallory & Co., Inc P R	215 N. Meramec Ave, St. Louis 5, Mo	PA7-8095
NY	Mallory & Co., Inc P R	545 Cedar Ln, Teaneck, NJ	TE6-4752
NY	Mallory & Co., Inc P R	842 Sibley Tower Bldg, Rochester 4, NY	HA6-1580
Ohio	Mallory & Co., Inc P R	2412 Far Hills Ave, Dayton 9, Ohio	AX9-8505
Ohio	Mallory & Co. Inc., P. R.	5504 State Rd, Cleveland	SH1-1093
Ore	Mallory & Co., Inc P R	P.O. Box 4098, Portland 8, Ore	CA6-4141
Pa	Mallory & Co., Inc P R	4343 Penn St, E., Philadelphia 24, Pa	VI4-8880
Tex	Mallory & Co., Inc P R	110 Casa Linda Plaza, Dallas 18, Tex	DA1-6679
Tex	Mallory & Co., Inc P R	4207 Bellaire Blvd, Houston 25, Tex	MO4-1436
Wash	Mallory & Co. Inc., P. R.	2517 2nd Ave, Seattle	MA2-5512
Wis	Mallory & Co. Inc., P. R.	4676 Forest Home Ave, Milwaukee	EV3-3720
Canada	A C Simmonds & Sons Ltd	100 Merton St, Toronto 7, Ontario, Canada	HU5-9111

MAMCO CORP — 532-542 4th St, Racine, Wis — ME4-1923
F Schumacher #5 *158 E 1165

TERR	OFFICES		TEL. NO.
Cal	J S Gardner	P.O. Box 286, North Hollywood	DU7-7175
Cal	Win W Timmons & Co	3944 El Camino Real, Palo Alto	DA6-7940
Conn	Norman S Shetlock	84 Kenwood St, Kensington	VA8-4917
Ill	Gene F Sales Co	2306 W Lawrence Ave, Chicago 33	KI5-5562
Mo	James B Flannery & Co	P.O. Drawer D, St Louis 19	WO2-8200
NY	Reed-Tollefson Corp	2525 Monroe Ave, Rochester 18	GR3-2767
Ohio	A W Hanson	300 Cushing Ave, Dayton 29	AX3-3602
Ore	Joseph F Tarabo Co	Box 6210, Portland 15, Ore	BE4-5451
Pa	C H Stratton Co	114 E Walsworth, Philadelphia 19	CH7-7883
Tex	Terrell J Small Co	2950 White Settlement Rd, Fort Worth 7	ED5-9891
Utah	Tempco Sales Corp	3945 S 11th East, Salt Lake City	HU4-8579
Wash	Joseph F Tarabo Co	1516 First Ave S, Seattle 4	

MANDEX MFG CO., INC — 2616 W. 41 St, Chicago, Ill — CL4-4200
B Stromberg #6 *100 E 25-345-925-1290-1315-1630-1785

TERR	OFFICES		TEL. NO.
Colo	Longstreet Smith Associates Inc	1013-15th St, Denver, Colo	KE4-5091
Conn	Keyco Associates	P O Box 357, Farmington	OR7-1771
Iowa	Penzner Sales Co., The	8100 W 92nd St, Overland Park, Kan	NI8-4965
Kan	Penzner Sales Co., The	8100 W 92nd St, Overland Park	NI8-4965
Ky	John O Olsen Co	16201 Shaker Blvd, Cleveland 20, Ohio	SK2-5444
Me	Keyco Associates	P O Box 357, Farmington, Conn	OR7-1771
Mass	Keyco Associates	P O Box 357, Farmington, Conn	OR7-1771
Mo	Penzner Sales Co., The	8100 W 92nd St, Overland Park, Kan	NI8-4965
NH	Keyco Associates	P O Box 357, Farmington, Conn	OR7-1771
NY	Walter M Ohye	P.O. Box 4, Mattydale 11, NY	GI5-6561
Ohio	John O Olsen Co	16201 Shaker Blvd, Cleveland	SK2-5444
RI	Keyco Associates	P O Box 357, Farmington, Conn	OR7-1771
Tex	Packard Associates	Love Air Fld Term Bldg, Dallas 35, Tex	FL7-5713
W Va	John O Olsen Co	16201 Shaker Blvd, Cleveland, Ohio	SK2-5444
Canada	Eric Moreland	130 Ahrens St, Kitchener, Ontario, Can	SH5-8310

MANDREL INDUSTRIES INC — 5134 Glenmont, Houston 36, Tex — MO7-4561
J30 *600 G 35-190-338-780-795-870-895-1075-1435-1610

TERR	OFFICES		TEL. NO.
Cal	Mandrel Industries Inc	60 Welch Rd, Palo Alto	DA1-2866
La	Electro-Technical Labs, Div. Mandrel	Lafayette	CE5-4403
Mo	Greenleaf Mfg. Div. Mandrel	7814 Maplewood Ind Ct, St Louis 17	ST1-5080
Wash	Mag Products Div. Mandrel	1234 Walker St, Seattle	EA3-2822
Can	Mandrel Industries, Limited	322 10th St, NW, Calgary, Alb	AT3-0771
For	Elexsa Corp	Arcel Bldg, Panama, Rep of Pan	
For	Elexso Corp	Box 40, Nassau, Bahamas	
For	Mandrel Cie	59 Ave. Des Romains, Annecy, Fr	

MANN-RUSSELL ELECTRONICS, INC — 1401 Thorne Rd. Tacoma 2, Wash — FU3-1591
H Haskell #10 *30 D 820-895

TERR	OFFICES		TEL. NO.
Can	Northern Electric Co. Ltd	Box 2510, Zone 3, Vancouver 15, BC	FA5-2211
For	Elektriska Maskiner AB	Nubu, Sweden	NY11920
For	E C Wilkenson & Assoc	Box 277, Los Altos, Cal	WH8-6992

MANSOL CERAMICS CO — 140 Little St, Belleville, NJ — PL9-8600
R Poyda #5 *300 E 30-900-1350-1875

TERR	OFFICES		TEL. NO.
Fla	Jack Gardner Co	215 Lincoln Rd, Miami Beach, Fla	
Ga	H Hilker & Co	P.O. Box 4123, Winston-Salem, NC	
Ill	Electro-Comp Sales Inc	1061 W. Grant Dr, Des Plaines	DE2-4030
Ind	Electro-Comp Sales Inc	1061 W. Grant Dr, Des Plaines, Ill	DE2-4030
Ky	H Hilker & Co	P.O. Box 4123, Winston-Salem, NC	
Mich	Electro-Comp Sales Inc	1061 W. Grant Dr, Des Plaines, Ill	DE2-4030
Miss	H Hilker & Co	P.O. Box 4123, Winston-Salem, NC	
NC	H Hilker & Co	P.O. Box 4123, Winston-Salem, NC	
SC	H Hilker & Co	P.O. Box 4123, Winston-Salem, NC	
Tenn	H Hilker & Co	P.O. Box 4123, Winston-Salem, NC	
Tex	P J Scanlon Co	2828 Inwood Rd, Dallas	FL1-3891
Va	H S Bancroft & Co	218 Cooper St, Collingswood, NJ	
Wis	Electro-Comp Sales Inc	1061 W. Grant Dr, Des Plaines, Ill	DE2-4030

MANUFACTURERS ENGINEERING & EQUIPMENT CORP — York & Sunset La, Hatboro, Pa — OS5-3300
895

TERR	OFFICES		TEL. NO.
Ill	Peter Metelsen	343 S. Dearborn St, Chicago 4	WE9-2014
NJ	Jack Mertzger	16 Maple St, Summit	CR7-6030
Tex	William R Barnes	3311 W. Alabama, Houston	JA9-5331
Va	Charles Halaby	P.O. Box 3044, Alexandria, Va	TE6-5376

MARATHON BATTERY CO — P. O. Box 298, Wausau, Wisc — VI2-2025
A McEachron #3 *450 E 70

TERR	OFFICES		TEL. NO.
Ala	E H Reynolds Co	P O Box 1971, Daytona Beach, Fla	CL3-3671
Ariz	Stickel-McAllister & Associates	4357 Melrose Ave, Los Angeles 29, Cal	NO5-4331
Ark	R J Foster	P O Box 9568, Dallas 14, Tex	
Cal	R B Haskell Co	200 Davis St, San Francisco, Cal	YU2-8120
Cal	Stickel-McAllister & Associates	4357 Melrose Ave, Los Angeles, Cal	NO5-4331
Colo	H T Pierce	308 Ernst St, Omaha 12, Neb	
Conn	Electrical Mfgrs Service	265 Church St, New Haven 10	UN5-9124
Del	Electrical Manufacturers Service	335 Hillside Ave, E Williston, NY	PI2-1610
DC	Electrical Mfgrs Service	335 Hillside Ave, E Williston, NY	PI2-1610
Fla	E H Reynolds Co	P O Box 1971, Daytona Beach	CL3-3671
Ga	Hilker Co., The	P O Box 6211, Winston-Salem, NC	PA4-2084
Ill	R E Reichard	345 Terra Cotta Ave, Crystal Lake	45-93710
Ind	H H Bruckman	6446 Bosworth Ave, Chicago 26, Ill	BR4-1098
Iowa	H T Pierce	308 Ernst St, Omaha 12, Neb	
Kan	H T Pierce	308 Ernst St, Omaha 12, Neb	
Ky	Ralph V Brown	2543 Bond Creek Rd, Louisville 5	TW6-0082
La	R J Foster	2708 Commerce St, Dallas 14, Tex	
Me	Elec Mfg Service	265 Church St, New Haven 10, Conn	UN5-9124
Md	Electrical Mfgrs Service	335 Hillside Ave, E Williston, NY	PI2-1610
Mass	Elec Mfg Service	265 Church St, New Haven 10, Conn	UN5-9124
Mich	H H Bruckman	6446 Bosworth Ave, Chicago 26, Ill	BR4-1098
Minn	John A McEachron	4025 Moorland Ave, Minneapolis 24, Minn	WA6-2920
Mo	John A McEachron	4025 Moorland Ave, Minneapolis 24, Minn	WA6-2920
Neb	H T Pierce	308 Ernst St, Omaha 12	
NH	Elec Mfg Service	265 Church St, New Haven 10, Conn	UN5-9124
NJ	Elec Mfg Ser	18 Yale St, Nutley 10	NO2-2341
NJ	Elec Mfg Ser	704 Cheerydale Dr, LaFayette Hill, Pa	WO4-8214
NM	Stickel-McAllister & Associates	4357 Melrose Ave, Los Angeles 29, Cal	NO5-4331
NY	Electrical Manufacturers Service	335 Hillside Ave, E. Williston, NY	PI2-1610
NC	The Hilker Co	3007 Kinnamon Ave, Winston Salem, NC	PA4-2084
ND	H T Pierce	308 Ernst St, Omaha 12, Neb	
Ohio	R G Sumell	1229 Westlake Ave, Cleveland 7, Ohio	AC1-1313
Okla	R J Foster	P O Box 9568, Dallas 14, Tex	
Pa	Elec Mfgrs Ser	704 Cheerydale Dr, LaFayette Hill	WO4-8214
RI	N A Pollard	680 Main St, Waltham, Mass	TW3-3330
SC	Hilker Co., The	3007 Kinnamon Rd, Winston-Salem, NC	PA4-2084
SD	H T Pierce	308 Ernst St, Omaha 12, Neb	
Tenn	Electric Mfgrs Ser	800 Chattanooga Bank, Chattanooga	
Tex	R J Foster	2708 Commerce St, Dallas 14	
Vt	Elec Mfg Ser	265 Church St, New Haven 10, Conn	UN5-9124

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Va	Hilker Co., The	3307 Kernersville Rd, Winston-Salem, NC	PA4-2884
Wash	Electrical Manufacturers Service	115 Hillside Ave, E Williston, NY	PI2-1616
W Va	Electrical Manufacturers Service	115 Hillside Ave, E Williston, NY	PI2-1616
	MARATHON ELECTRIC MFG CORP	**Randolph & Cherry Sts, Wausau, Wisc**	
	R Salzman #25 *1500 G 255-365-895-1165-1780		
Cal	Marathon Elec Mfg Corp	1921 E 67th St, LA 1	LU3-1951
Ill	Marathon Electric Mfg Corp	2711 N. Pauline St, Chicago 14, Ill	EA7-8450
Ind	Marathon Electric Mfg Corp	1701 N. Sherman Dr, Indianapolis 18, Ind	FL7-1127
Iowa	Marathon Elec Mfg Corp	1100 Grand Ave, Des Moines	CH4-4919
Iowa	Marathon Electric Mfg Corp	715 Union Arcade Bldg, Davenport, Iowa	6-3133
Mass	Marathon Electric Mfg Corp	154 Washington St, Wellesley Hill 82, Mass	WE5-6168
Minn	Marathon Elec Mfg Corp	7500 Hwy 7, Mpls 26	WE5-6416
Mo	Marathon Electric Mfg Corp	408 W. 34th St, Kansas City 11, Mo	VA1-0100
NJ	Marathon Electric Mfg Corp	1245 McCarter Hwy, Newark 4, NJ	HU2-9233
NY	Marathon Electric Mfg Corp	9 E. Genesee St, Skaneateles, NY	OV5-6993
Ohio	Marathon Electric Mfg Corp	2399 Sherman Ave, Cincinnati 12, Ohio	JE1-2855
Ohio	Marathon Electric Mfg Corp	1111 Brookpark Rd, Cleveland 9, Ohio	SH9-4867
Okla	Marathon Electric Mfg Corp	430 N. Cincinnati, Tulsa 1, Okla	GI7-1520
Pa	Marathon Electric Mfg Corp	516 Federal St, Pittsburgh 12, Pa	FA1-4486
Pa	Marathon Electric Mfg Corp	123 E. Market St, York, Pa	YO3-6786
Tex	Marathon Electric Mfg Corp	318 N. Pearl St, Dallas 1, Tex	RI7-7694
Tex	Marathon Electric Mfg Corp	3302 Mercer, Houston 27, Tex	JA6-5301
Wisc	Marathon Electric Mfg Corp	316 E. Silver Spring Dr, Milwaukee 17	WO2-7580
	MARBLETTE CORP	**37-31 30th St. LIC 1, NY**	**ST4-8100**
	C Douglas, Jr #4 *125 30-265-315-900-970-1240-1290-1930		
Ala	Mace Assoc	1143 Mary St. Jacksonville, Fla	FL9-4931
Alas	International Sales Corp	1230 Westlake Ave. N. Seattle 9, Wash	AT3-6116
Ariz	Ram Chemicals	210 E. Alondra Blvd, Gardena, Cal	FA1-0710
Cal	Ram Chemicals	210 E. Alondra Blvd, Gardena, Cal	FA1-0710
Conn	New London Tape Distributors Inc	Box 465 Niantic	PE9-7394
Fla	Mace Assoc	1143 Mary St. Jacksonville	FL9-4931
Ga	Mace Assoc	1143 Mary St. Jacksonville	FL9-4931
Idaho	Foss Mfg Co	225 Second Ave, S., Twin Falls, Idaho	RE3-1201
Ill	Brock & Associates	5532 W. Division St, Chicago 51, Ill	AU7-4414
Ind	Brock & Associates	5532 W. Division St, Chicago 51, Ill	AU7-4414
Iowa	Brock & Associates	5532 W. Division St, Chicago 51, Ill	AU7-4414
Kan	The Henry Co	6405 E. Kellog, Wichita, Kan	MU4-1241
Mass	New London Tape Distributors Inc	Box 465, Niantic, Conn	PE9-7394
Mich	Tool Chemical Co	13150 W. Seven Mile Rd, Detroit 35, Mich	DI1-8055
Minn	Brock & Associates	5532 W. Division St, Chicago 51, Ill	AU7-4414
Mo	The Henry Co	6405 E. Kellog, Wichita, Kan	MU4-1241
Mont	International Sales	1230 Westlake Ave, N., Seattle 9, Wash	
Nev	Foss Mfg Co	225 Second Ave, S., Twin Falls, Idaho	RE3-1201
NC	Mace Assoc	1143 Mary St. Jacksonville, Fla	FL9-4931
Ohio	Tool Chemical Co	13150 W. Seven Mile Rd, Detroit 35, Mich	DI1-8055
Okla	The Henry Co	6405 E. Kellog, Wichita, Kan	MU4-1241
Ore	International Sales	1230 Westlake Ave, N., Seattle 9, Wash	
RI	New London Tape Distributors Inc	Box 465, Niantic, Conn	PE9-7394
SC	Mace Assoc	1143 Mary St. Jacksonville, Fla	FL9-4931
Tenn	Mace Associates	1143 Mary St. Jacksonville Fla	FL9-4931
Tex	The Henry Co	1305 Ross Ave, Dallas, Tex	
Utah	Foss Mfg Co	225 Second Ave, S., Twin Falls, Idaho	RE3-1201
Wash	International Sales	1230 Westlake Ave, N., Seattle 9, Wash	
Wisc	Brock & Associates	5532 W. Division St, Chicago 51, Ill	AU7-4414
Wyo	Foss Mfg Co	225 Second Ave, S., Twin Falls, Idaho	RE3-1201
	MARCO INDUSTRIES CO	**207 S. Helena St, Anaheim, Cal**	**KE5-6037**
	P Landvogt #9 *60 E 40-895-1735		
Alaska	Ray Johnston Co., Inc	1011 E. 69th St, Seattle 15, Wash	LA4-5170
Cal	W V Brainard	715 Hamilton Ave, Palo Alto, Cal	DA6-5420
Iowa	E B Schwerin	4210 Main St, Kansas City, Mo	WE1-7564
Kan	E B Schwerin	4210 Main St, Kansas City, Mo	WE1-7564
Mo	E B Schwerin	4210 Main St, Kansas City, Mo	WE1-7564
Neb	E B Schwerin	4210 Main St, Kansas City, Mo	WE1-7564
Ore	Ray Johnston Co., Inc	1011 E. 69th St, Seattle 15, Wash	LA4-5170
Tex	Dyess Co., The	PO Box 1226, Fort Worth	PE2-4443
Wash	Ray Johnston Co., Inc	1011 E. 69th St, Seattle 15, Wash	LA4-5170
Canada	Anthony Foster & Sons Ltd	294-306 Church St, Toronto, Ont, Can	EM6-3081
	MAR-CONE CORP	**51 Kenneth St. Newton Highlands 61, Mass**	**DE2-8201**
	G Wiggin #6 *12 C 1340		
Ala	Ridge Instrument Co., The	208 Lincoln St. SE Huntsville	JE9-8831
Cal	Dyna-Sales Co	1226 S. Atlanta Blvd. LA	AN8-1175
Conn	William Connors	103 Adams St. N. Abington, Mass	JA2-0269
Fla	H R Gross Co	619 Riverside Dr, Ormond Beach	
Ill	Charles Rossi Sales Co	2429 N. 73rd Ave. Chicago	GL6-4710
Ind	Eng Specialties	8115 Camargo Rd. Madeira, Ohio	LO1-6803
Ky	Ridge Instrument Co., The	162 Talmadg Rd. Oak Ridge, Tenn	5-3333
Mass	William Connors	103 Adams St. N. Abington	JA2-0269
Mich	Anger Assoc	13126 Michigan Ave. Dearborn	LU4-9853
NH	William Connors	103 Adams St. N. Abington, Mass	JA2-0269
NJ	K B Erdman Co	7908 High School Rd. Phila. 17, Pa	CA4-1833
NY	Tower Sales	Box 4146, Grand Central Term, NY	LO9-2807
NC	Ralph B Knollenberg	Box 132, Charlotte 1	
Ohio	Anger Assoc	13126 Michigan Ave. Dearborn, Mich	LU4-9853
Ohio	Eng Specialties	8115 Camargo Rd. Madeira	LO1-6803
Pa	K B Erdman Co	7908 High School Rd. Phila 17	CA4-1833
RI	William Connors	103 Adams St. N. Abington, Mass	JA2-0269
SC	Ralph B Knollenberg	Box 132, Charlotte 1, NC	
Tenn	Ridge Instrument Co., The	162 Talmadg Rd. Oak Ridge	5-3333
Vt	William Connors	103 Adams St. N. Abington, Mass	JA2-0269
Va	Ralph B Knollenberg	Box 132, Charlotte 1, NC	
Wis	Charles Rossi Sales Co	2429 N. 73rd Ave. Chicago 35, Ill	GL6-4710
•	**MARCONI INSTRUMENTS**	**111 Cedar La, Englewood, NJ**	**LO7-0607**
	R Bailey #250 *1200 F 50-895-1425-1585		
Ala	S S Lee Associates Inc	Utilities Bldg, Huntsville, Ala	JE6-0631
Ariz	Moxon Electronics Corp	4434 Ingraham St, San Diego, Cal	HU8-2901
Cal	Moxon Electronics Corp	15 W 41st Ave, San Mateo	FI5-7961
Cal	Moxon Electronics Corp	499 S. Robertson Blvd, Beverly Hills, Cal	BR2-9211
Cal	Moxon Electronics Corp	4434 Ingraham St, San Diego, Cal	HU8-2801
Colo	Parrish Electronics	2130 S Albion, Denver 10	SK6-9455
Conn	L & M Associates	Box 51, Centuck Sta, Yonkers 1, NY	WO1-5566
Conn	Cowperthwait & Brodhead	570 Hillside Ave, Needham Hts 94, Mass	HI4-9410
Del	S & S Associates Inc	4509 Calvert Rd, College Park, Md	AP7-3777
DC	S & S Associates Inc	4509 Calvert Rd, College Park, Md	AP7-3777
Fla	S S Lee Associates Inc	P.O. Box 7895, Orlando, Fla	CH1-4445
Ga	S S Lee Associates Inc	Utilities Bldg, Huntsville, Ala	JE6-0631
Ill	R Edward Stemm	5811 N. Lake St, Chicago 44, Ill	ES9-2700
Ind	R Edward Stemm	5811 N. Lake St, Chicago 44, Ill	ES9-2700
Iowa	R Edward Stemm	123 S. Third St, Minneapolis, Minn	FE5-7172
Me	Cowperthwait & Brodhead	570 Hillside Ave, Needham Hts 94, Mass	HI4-9410
Md	S & S Associates Inc	4509 Calvert Rd, College Park, Md	AP7-3777
Mass	Cowperthwait & Brodhead	570 Hillside Ave, Needham Hts 94, Mass	HI4-9410
Minn	R Edward Stemm	123 S. Third St, Minneapolis, Minn	FE5-7172
Miss	S S Lee Associates Inc	Utilities Bldg, Huntsville, Ala	JE6-0631
NH	Cowperthwait & Brodhead	570 Hillside Ave, Needham Hts 94, Mass	HI4-9410
NJ	L & M Associates	511 Victor St, Saddle Brook, NJ	DI3-3070
NY	L & M Associates	Box 51, Centuck Sta, Yonkers 1, NY	WO1-5596
NC	S S Lee Assoc Inc	P.O. Box 906, Winston Salem	ST8-0431
Ohio	S & S Assoc Inc	4364 W 28th St, Cleveland	ME1-7600
Pa	L & M Associates	408 Chapel St, Philadelphia, Pa	GE8-5566
Pa	S & S Associates Inc	780 W. De Kalb Pike, King of Prussia, Pa	BR9-7192
Pa	S & S Associates Inc	P.O. Box 10594, Pittsburgh 35, Pa	VA4-5060
RI	Cowperthwait & Brodhead	570 Hillside Ave, Needham Hts 94, Mass	HI4-9410
Utah	Parrish Electronics		
Vt	Cowperthwait & Brodhead	570 Hillside Ave, Needham Hts 94, Mass	HI4-9410
Va	S & S Associates	4509 Calvert Rd, College Pk, Md	AP7-3777
	MARCONI'S WIRELESS TELEGRAPH CO LTD	**750 Third Ave, New York 17, NY**	**YU6-9855**
	J Walton 45-200-325-330-345-360-415-450-670-775-895-945-1015-1130-1135-1170-1215-1395-1425-1675-1705-1845-1855-1870-1880-1910		
	MARDUTH PRODUCTS	**1387 Ledge Rd. Rd. 1, Hinckley, Ohio**	**CE9-6478**
	D Christian #2 *5 A 895		
	MARION INSTRUMENT DIV. MINNEAPOLIS-HONEYWELL REGULATOR CO.	**Grenier Field, Manchester, Mass**	**NA5-6971**
•	**MARK PRODUCTS CO**	**5439 W. Fargo Ave, Skokie, Ill**	**OR5-1500**
	J Ryan #4 *30 45-1135		
Cal	John Strite	P.O. Box 548, San Carlos	LY1-0736
Cal	Wes Alderson Co	3050 Overland Ave. LA 34	UP0-1030
Fla	William F Henninger Co	624 NE 79th St, Miami 38	PL9-0300
Ill	Dwight Smith Assoc	32 S River St, Aurora	TW7-5752
Ind	Burton F Hunsher Co	4320 Dodge Ave, Fort Wayne 3	TR3-1348
La	Earl K Moore Co	5864 Louisville St, New Orleans 24	HU8-2407
Md	Tessco	P.O. Box 6812, Towson 4	VA5-3590
Mass	N E A R, Inc	99 Highland Ave, Somerville 43	PR6-2262
Mich	ABM Sales Co	10116 Puritan Ave, Detroit 38	UN2-1300
Mo	Royal J Higgins Co	10105 S Western Ave, Chicago 43	BE3-7398
NJ	Adolph Schwartz Reps	15 Exchange Pl, Jersey City 2	DE3-2424
Ohio	Walter J Brauer & Assoc	15631 Lakewood Hts Blvd, Cleveland 7	LA1-7268
Ore	McMillan Electronics	10111 SW 62nd Ave, Portland 19	CH4-7830
Pa	John Muntinck Co	1728 S State Rd, Upper Darby	SH8-1062
Tenn	Dixie Electronic Assoc, Inc	808 N Gallatin Rd, Madison	TW5-5665
Tex	Athans Sales Co	516 Central Expwy, Dallas 26	RI2-4450
Can	Aviation Elec Ltd	200 Laurentian Blvd, Montreal, Que	RI4-2811
	MARKAL CO	**3052 W. Carroll, Chicago 12, Ill**	**SA2-6085**
	E Cooper 315-895-1100		
•	**MARKEL & SONS, L. FRANK**	**School House La. Norristown, Pa**	**BR2-8960**
	W Michener #6 *240 1290-1755-1890-1960		
Ala	Electric Motor Materials	1315 S Washington Ave. Mobile	HE3-7475
Ariz	Howe & Howe	4820 N 42nd Pl. Phoenix	AM5-9185
Cal	Insulation Supply Co	3530 Curtis St. San Diego 6, Cal	
Cal	Insulation Supply Co	2553 Middle Field Rd, Redwood City, Cal	
Cal	Insulation Supply Co	7/9 E. Pico Blvd, Los Angeles 21, Cal	RI7-5481
Colo	Electric Motor Supply Co	1646 Blake St, Denver 2, Colo	CH4-4425
Conn	Robert W. Gray, Inc	47 DeForest St, Watertown, Conn	CR4-2303
Del	C.H. Newson & Associates	17 Craftley Rd, Lutherville, Md	VA3-0432
DC (Wash)	C.H. Newson & Associates	17 Craftley Rd, Lutherville, Md	VA3-0432
Fla	Joseph A. Adams	Box 1302, Melbourne, Fla	PA3-1931
Ga	Electrical Insul Suppliers, Inc	500 Means St NW, Atlanta	JA5-2707
Ill	J.J. Glenn & Co	605 W. Washington Blvd, Chicago 6, Ill	ST2-8657
Ind	J.J. Glenn & Co	605 W. Washington Blvd, Chicago 6, Ill	ST2-8657
La	Electric Motor Materials	1315 S. Washington Ave, Mobile 1, Ala	HE3-7475
Me	Robert W. Gray, Inc	572 Washington St, Wellesley 81, Mass	CE5-5296
Md	C.H. Newson & Associates	17 Craftley Rd, Lutherville, Md	VA3-0432
Mass	Robert W. Gray, Inc	572 Washington St, Wellesley 81, Mass	CE5-5296
Mich	Andrew Sallade	40358 Mount Dr, Willowbrook Vill, Novi	GR4-1505
Minn	Fred Peterson Co	2431 Hennepin Ave, Minneapolis	FR7-3025
Miss	Electric Motor Materials	1315 S. Washington Ave, Mobile 1, Ala	HE3-7475
Mo	Hoppler Sales Co	1135 Cheshire Lane, Webster Groves 19	WO1-8499
NH	Robert W. Gray, Inc	572 Washington St, Wellesley 81, Mass	CE5-5296
NJ	C.H. Newson & Associates	1201 Wyndmoor Rd, Barc F, Haddonfield	
NJ	Electrical Insulation Sales Co	P O Box 119, Ridgefield Park	HU8-7766
NY	Harold B. Haft	Box 621, Lynbrook, L.I., NY	LY9-3351
NY	Malcolm Bard	2063 Baker Ave, Schenectady 9, NY	EX3-2729
NY	Gislason Sales, Inc	617 Case Bldg, Rochester 4, NY	LO2-1023
NC	Harry T. Altman Co	Box 8031, Charlotte, NC	EX9-8926
Ohio	Andrew Sallade	3643 River Rd, Toledo 14, Ohio	CH1-1141
Okla	John H. Cole Co	1025 W. Main St, Oklahoma City 4, Okla	CE2-3171
Ore	C.E. Riggs, Inc	422 N.W. 8th Ave, Portland, Ore	CA6-3285
Pa	C H Newson & Associates	1850 Church Rd. York	4-63261
Pa	C.H. Newson & Associates	613 Bethlehem Pike, Phila. 18, Pa	CH8-3377
Pa	Pittsburgh Electrical Insulation Co	Lebanon School Rd. Pittsburgh 36, Pa	VU3-1313
RI	Robert W. Gray, Inc	572 Washington St, Wellesley 81, Mass	CE5-5296
SC	Harry T. Altman Co	Box 8031, Charlotte, NC	EX9-8926
Tex	Houston Electric Supply Co	1907 Bell, Houston 3, Cal	CA4-6663
Utah	J.R. Christensen Agency	247 E. 5th S., Salt Lake City 11, Utah	EM3-4419
Vt	Robert W. Gray, Inc	572 Washington St, Wellesley 81, Mass	CE5-5296
Va	Harry T. Altman Co	Box 8031, Charlotte, NC	EX9-8926
Wash	C.E. Riggs, Inc	400 Occidental, Seattle, Wash	MA3-5707
Wis	Fred Peterson Co	2431 Hennepin Ave, Minneapolis, Minn	FR7-3025
Foreign	M.A.W.I	Argentuur Commis, Spui 203, Den Haag, Holland	
•	**MARKEM MACHINE CO**	**150 Congress St, Keene, NH**	**EL2-1138**
	B Toomey #30 *350 F 890-1075		
Ala	Harris Clark	817 Linden Hall St, Chattanooga, Tenn	TR7-4277
Ariz	Dolliver & Bro	5108 E. Washington Blvd, L A, Cal	AN8-3445
Ark	Manufacturers Supplies Co	716-732 N. 18th St, St. Louis, Mo	CE1-7886
Cal	Dolliver & Bro	619 Mission St, San Francisco, Cal	GA1-1426
Cal	Dolliver & Bro	5108 E. Washington Blvd, L A, Cal	AN8-3445
Colo	Robert S Bone Co	623 Texas Bank Bldg, Dallas, Tex	RI8-2098
Conn	Roland F Benson	73 Circle Dr, Windsor Locks, Conn	NA3-7998
Del	Andrew Schricker	1539 Old Farm Ln, York, Pa	3-4235
DC	Andrew Schricker	1539 Old Farm Ln, York, Pa	3-4235
Fla	C H Cheeseman	16 San Jose Dr, Ormond Beach	OR7-4822
Ga	Harris Clark	817 Linden Hall St, Chattanooga, Tenn	TR7-4277
Ga	C H Cheeseman	16 San Jose Dr, Ormond Beach, Ga	OR7-4822
Ill	Markem Machine Agency (Ill) Inc	59 Industrial Rd, Addison, Ill	KI3-6659
Ill	Manufacturers Supplies Co	716-732 N. 18th St, St. Louis, Mo	CE1-7886
Ind	Harry McGinnis	8014 Anoka Dr, Ft. Wayne, Ind	SH2072
Iowa	Markem Machine Agency (Ill) Inc	59 Industrial Rd, Addison, Ill	KI3-6659
Kan	Manufacturers Supplies Co	716-732 N. 18th St, St. Louis, Mo	CE1-7886
Ky	Harris Clark	817 Linden Hall St, Chattanooga, Tenn	TR7-4277
Ky	L G Freeman Co	1819 Freeman Ave, Cincinnati, Ohio	PA1-1080
La	Robert S Bone Co	623 Texas Bank Bldg, Dallas, Tex	RI8-2098
Me	Norman Leach	5 Pine View Rd, Falmouth, Portland, Me	SP2-7537
Md	Andrew Schricker	1539 Old Farm Ln, York, Pa	3-4235
Mass	Roland F Benson	73 Circle Dr, Windsor Locks, Conn	NA3-7998
Mich	Markem Machine Co	2591 W. Grand Blvd, Detroit, Mich	TR1-4803
Minn	Factory Supplies Inc	3975 Port Washington Rd, Milwaukee, Wisc	ED2-8770
Miss	Harris Clark	817 Linden Hall St, Chattanooga, Tenn	TR7-4277
Mo	Manufacturers Supplies Co	716-732 N. 18th St, St. Louis, Mo	CE1-7886
Neb	Markem Machine Agency (Ill) Inc	59 Industrial Rd, Addison, Ill	KI3-6659
NJ	Markem Machine Agency Inc	9 Rockefeller Plaza, New York, NY	JU6-3926
NM	Robert S Bone Co	623 Texas Bank Bldg, Dallas, Tex	RI8-2098
NY	Markem Machine Agency Inc	9 Rockefeller Plaza, New York, NY	JU6-3926
NY	E R Lane Inc	Rosslawn Dr, Box 8344, Rochester, NY	HI5-7327
NC	C E Zahos	P O Box 1044, Charlotte, NC	JA3-5113
ND	Factory Supplies Inc	3975 Port Washington Rd, Milwaukee, Wisc	ED2-8770
Ohio	A F McNaughton	Box 341, Hudson, Ohio	OL3-5757
Ohio	L G Freeman Co	1819 Freeman Ave, Cincinnati, Ohio	PA1-1080
Okla	Robert S Bone Co	623 Texas Bank Bldg, Dallas, Tex	RI8-2098
Ore	Dolliver & Bro	619 Mission St, San Francisco, Cal	GA1-1426
Pa	Gilmore Fretz	P.O. Box 272, Quakertown, Pa	KE6-4578
Pa	Andrew Schricker	1539 Old Farm Ln, York, Pa	3-4235
RI	George E Fraser Jr	6 DeWitt Rd, Stoneham, Mass	ST6-2754
SC	C E Zahos	P O Box 1044, Charlotte, SC	JA3-5113
SD	Factory Supplies Inc	3975 Port Washington Rd, Milwaukee, Wisc	ED2-8770
Tenn	Harris Clark	817 Linden Hall St, Chattanooga, Tenn	TR7-4277
Tex	Robert S Bone Co	623 Texas Bank Bldg, Dallas, Tex	RI8-2098
Va	Andrew Schricker	1539 Old Farm Ln, York, Pa	3-4235
Wash	Dolliver & Bro	619 Mission St, San Francisco, Cal	GA1-1426
Wisc	Factory Supplies Inc	3975 Port Washington Rd, Milwaukee	ED2-8770
Wyo	L G Freeman Co	1819 Freeman Ave, Cincinnati, Ohio	PA1-1080
For	Markem (U K) Ltd	24 Broadfields, Welwyn Garden City, Herts, Eng	
	MARKITE CORP	**155 Waverly Pl, New York 14, NY**	**OR5-1384**
	R Johnson #25 *340 1330-1735		
Ariz	O Miller Associates	5919 W. 3rd St, Los Angeles 36, Cal	WE6-7591
Cal	O Miller Associates	5919 W. 3rd St, Los Angeles 36, Cal	WE6-7591
Colo	Price Eng Sales Co	PO Box 421, Littleton	PY4-6367
Conn	William F O'Brien	18 Flintlock Rd, Lexington, Mass	VO2-9071
Fla	Charles Proctor Co	P.O. Box 1185, Orlando, Fla	GA5-7403
Ill	Wasson-Gallagher	1024 N Boulevard, Oak Park	EU3-6572
Iowa	Wasson-Gallagher	1024 N Blvd, Oak Park, Ill	EU3-6572
Kan	Jo-Joyce Eng Sales Corp	137 Walnut Hill Village, Dallas 10, Tex	FL7-1411
Me	William F O'Brien	18 Flintlock Rd, Lexington, Mass	VO2-9071
Mass	William F O'Brien	18 Flintlock Rd, Lexington	VO2-9071
Mich	Tower Eng Co	19364 James Couzens Hwy, Detroit 35	DI1-2332
Mo	John Durbin Co	1105 Forestwood, St. Louis 35, Mo	JA1-1213
NH	William F O'Brien	18 Flintlock Rd, Lexington, Mass	VO2-9071
NJ	Gerard E Greenhagen	Harbor Dr, RFD #3, Wharton	HO8-3218
NM	Price Eng Sales Co	PO Box 421, Littleton, Colo	PY4-6367
NY	Robert Scudder	72 Johnson Ave. Binghamton	RA3-4197
NY	Michael Trithowitsch	14 Barbara La, Plainview	WE5-8357
NY	David S Lount	Box 164, Eastwood Sta, Syracuse 6, NY	HE7-8181
Ohio	Tower Eng Co	2108 Lee Rd. Cleveland 18	YE2-8663
Ohio	Tower Eng Co	3898 Linden Ave. Dayton 37	CL6-0931
Okla	Jo-Joyce Eng Sales Corp	137 Walnut Hill Village, Dallas 10, Tex	FL7-1411
Ore	Dave Miller Sales Co	2023 N 45th St. Seattle 3, Wash	ME2-7070
RI	William F O'Brien	18 Flintlock Rd. Lexington, Mass	VO2-9071
Tex	Jo-Joyce Engineering Sales Corp	137 Walnut Hill Village, Dallas 50, Tex	FL7-1411
Utah	Robert S Collister	PO Box 11, Murray 7	AM2-1665
Vt	William F O'Brien	18 Flintlock Rd. Lexington, Mass	VO2-9071
Wash	Dave Miller Sales Co	2023 N 45th St. Seattle 3	ME2-7070
Wis	Wasson-Gallagher	1024 N Boulevard, Oak Park, Ill	EU3-6572
Wyo	Price Eng Sales Co	PO Box 421, Littleton, Colo	PY4-6367
•	**MARKVIK SALES CORP**	**31 Sexton Rd, Plainview, NY**	**WE1-8055**
	1075-1965		
	MARLANE DEV. CO. INC	**153 E. 26 St. NY 10, NY**	**MU5-9427**
	#2 *6 B 1305		
Cal	Products Technique Inc	511 E. 87th St. LA	PL3-3306
Mass	Applied Technology Inc	7 Vine St. Manchester	
NY	Marlane Dev Co. Inc	153 E. 26st St	
Pa	Wm Sosnow	8665 Rugby St. Phila	
	MARLIN-ROCKWELL CORP	**402 Chandler St, Jamestown, NY**	**61-541**
	G 75		
Cal	Marlin-Rockwell Corp	2370 S. Main St, Los Angeles 7, Cal	RI9-6377
Cal	Marlin-Rockwell Corp	1234 Mariposa St. San Francisco, Cal	KL2-3457
Ga	Marlin-Rockwell Corp	1205 Techwood Dr, N.W., Atlanta 13, Ga	TR6-1524
Ill	Marlin-Rockwell Corp	4650 W. 47th St. Chicago 32, Ill	LU5-2100
Kan	Benson Engineering Co	2106 W 75th St, Prairie Village, Kan	EN2-2843
Kan	Benson Engineering Co	518 S. Broadway, Wichita, Kan	AM2-8971
Mich	Marlin-Rockwell Corp	17175 Wyoming Ave, Detroit 21, Mich	UN4-5315
NY	Marlin-Rockwell Corp	40-42 W. 63rd St, New York 23, NY	JU6-4655
Ohio	Marlin-Rockwell Corp	3007 Gilbert Rd, Cincinnati 9, Ohio	BR1-5670
Ohio	Marlin-Rockwell Corp	1980 E. 22nd St, Cleveland 14, Ohio	TO1-1150
Ore	Brown Bearing Co	715 N.E. Davis St, Portland 12, Ore	BE2-6100
Pa	Marlin-Rockwell Corp	3118 W. Allegheny Ave, Phila 32, Pa	BA6-0700
Tex	Benson Engineering Co	2514 W. Mockingbird Ln, Dallas, Tex	FL2-7541
Wash	Brown Bearing Co	2440 First Ave, S., Seattle 4, Wash	MA2-2404
Wash	Brown Bearing Co	E. 1711 Trent Ave, Spokane, Wash	KE5-3093
Wisc	Marlin-Rockwell Corp	3904 W. Vliet St, Milwaukee 8, Wisc	DI2-6854

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	MARMA ELECTRONIC CO	1633 N. Halsted St. Chicago 14, Ill	WH4-2432
	W Martin #1 *2 A 895		
	MARMAN DIV. AEROQUIP CORP	11214 Exposition Blvd. L A 64, Cal	GR8-0921
	G Forrest #50 *400 G 80-935-1135-1545		
Ala	George [illegible]	2169 Shadybrook Ln. Birmingham 9	TR9-9498
Ariz	L W Pickens	1411 W Orchid Ln. Phoenix	WI3-8591
Cal	Ray Lee	PO Box 677, Lafayette	YE4-1133
Cal	Richard Yaste	[illegible]	CY5-5577
Colo	Robert F [illegible]	PO Box 566, Littleton	PY4-5411
Conn	L J [illegible]	[illegible] Ridgefield	ID8-3214
Del	James S Goodwin	P O Box 3125, Wilmington	EM8-9457
Ill	Robert A [illegible]	[illegible] La Grange Park	FL2-4247
Ill	Sidney E [illegible]	[illegible]	NE1-[illegible]
Ind	Frank E Stewart	[illegible] Indianapolis 20	CL1-[illegible]
Md	J M [illegible]	[illegible] Severna Park	1779
Mich	William P Connolly	[illegible] Detroit 24	TU4-3450
Minn	W F Aske & Son, Inc	[illegible] Minneapolis [illegible]	WA6-1847
Mo	[illegible]	[illegible] Kansas City [illegible]	HI4-5454
Mo	[illegible]	[illegible] St Louis 17	
NJ	Edward C [illegible]	[illegible] Ridgewood	GI5-[illegible]
NJ	Thomas [illegible]	[illegible]	TE6-6865
NY	William J Teesdale	P O Box 57, [illegible]	TU8-[illegible]
NC	Cross Sales & Engineering Co	[illegible] Greensboro	BR5-6264
Tex	Walter J [illegible]	[illegible] Fort Worth	WA3-[illegible]
Tex	William A [illegible]	[illegible] Houston 35	GY4-4924
Va	Ted [illegible]	[illegible] Norfolk	JU8-0239
Wash	Jack Pelizzotto	P O Box [illegible] Mercer Island	AD2-5440
Can	Aeroquip (Canada) Limited	[illegible] Ave. Toronto 19, Ont	RU1-5261
For	Sales Representatives in Principal Countries		
	MARQUARDT CORP POMONA DIV	2709 N. Garey Ave, Pomona, Cal	LY3-1311
	#35 20-35-150-325-330-338-365-440-635-895-1135-1150-1425-1610		
DC	Marquardt Corp	[illegible] Washington [illegible], DC	EX3-1277
Fla	Marquardt Corp	[illegible] Orlando, Fla	GA3-8111
Ohio	Marquardt Corp	[illegible] Dayton, Ohio	BA4-8351
	MARSTAN ELECTRONICS CORP	204 Babylon Tnpk, Roosevelt, NY	MA3-3400
	S Bromberg #4 *31 B 220-585-895-905-1150-1290-1460-1475-1940		
Ariz	Frank A Emmet Co	315-325 N. Hoover St. LA 4, Cal	NO5-5952
Ark	Dalbmics Inc	[illegible] Lane, Fort Worth, Tex	LA8-7362
Cal	Frank A Emmet Co	315-325 N. Hoover St. Los Angeles 4	NO5-5952
Colo	Duane Electronics	[illegible] Lane, Denver	SH4-1051
Conn	L R Provencher & Assoc	[illegible] Worcester, Mass	PL3-8187
Del	Frank L Jones	[illegible] Holme Ave. Phila Pa	OR3-7718
Idaho	Duane Electronics	[illegible] Lane, Denver, Colo	SH4-1051
Ill	J J Indra Sales Co	[illegible] Ave. Chicago	UN7-8524
Ind	J J Indra Sales Co	[illegible] Ave. Chicago, Ill	UN7-8524
La	Dalbmics Inc	[illegible] Lane, Fort Worth Tex	LA8-7362
Md	Frank L Jones	[illegible] Holme Ave. Phila Pa	OR3-7718
Me	L R Provencher & Assoc	[illegible] Worcester, Mass	PL3-8187
Mass	L R Provencher & Assoc	[illegible] Worcester	PL3-8187
Mich	Industrial Electronic Sales Co	[illegible] Ave. Birmingham	MI6-6894
Mont	Duane Electronics	[illegible] Lane, Denver, Colo	SH4-1051
Nev	Frank A Emmet Co	315-325 N. Hoover St. LA 4, Cal	NO5-5952
NH	L R Provencher & Assoc	[illegible] Worcester, Mass	PL3-8187
NJ	Willgold Electronic Sales Co	300 N. Village Ave. Rockville Center, NY	RO4-4022
NJ	Frank L Jones	[illegible] Holme Ave. Phila Pa	OR3-7718
NM	Dalbmics Inc	[illegible] Lane, Ft. Worth, Tex	LA8-7362
NY	Willgold Electronic Sales Co	300 N. Village Ave. Rockville Center	RO4-4022
NY	Collette Engineering Co	[illegible] Ave. Albany	AL2-2652
Ohio	[illegible]	[illegible] Cleve	CL2-6630
Okla	Dalbmics Inc	[illegible] Houston, Tex	JA4-6561
Pa	Frank L Jones	[illegible] Holme Ave. Phila	OR3-7718
RI	L R Provencher & Assoc	[illegible] Worcester, Mass	PL3-8187
Tex	Dalbmics Inc	[illegible] Houston	JA4-6561
Utah	Duane Electronics	[illegible] E. Salt Lake	AM2-2349
Vt	L R Provencher & Assoc	[illegible] Worcester, Mass	PL3-8187
Va	Frank L Jones	[illegible] Holme Ave. Phila Pa	OR3-7718
Wis	J J Indra Sales Co	5117 N. Ocento Ave. Chicago, Ill	UN7-8524
Wyo	Duane Electronics	[illegible] Lane, Denver, Colo	SH4-1051
For	Whittaker Electronics Ltd	1171 Whitmore Ave. Ottawa, Ont, Can	PA2-8563
	MARTIN CO., THE	Mail No G-3037, Baltimore 3, Md	MU7-3800
	T Sisk #149 *443 65-180-195-250-265-280-325-330-340-365-370-410-430-440-450-475-670-775-795-885-895-1045-1075-1135-1150-1245-1425-1610-1655-1810-1845-1870		
Ala	Martin Co., The	Elec Service Center Bldg. Huntsville	JE6-0785
Cal	Martin Co., The	[illegible] Los Angeles 45	OR8-2186
Colo	Martin Co., The	P O Box 179, Denver 1	PY4-5211
DC	Martin Co., The	[illegible] Washington 5	
Fla	Martin Co., The	P O Box [illegible], Orlando	CH1-2411
Haw	Martin Co., The	[illegible] Honolulu	707311
Mass	Martin Co., The	[illegible] Natick	OL5-1600
Neb	Martin Co., The	[illegible] Omaha 14	TE6737
Ohio	Martin Co., The	[illegible] Dayton	BA6-[illegible]
Va	Martin Co., The	[illegible] Hampton	CH4-1448
For	Martin Co., The	[illegible] Wiesbaden, Ger	[illegible]
	MARTINDALE ELECTRIC CO	Edgewater Br, Box 617, Cleveland 7, Ohio	LA1-8567
	J Ackerman #3 *70 D 85-895-900-1715-1930		
Cal	Tri-State Supply Co	584 S San Pedro St. Los Angeles	MU2354
Cal	Tri-State Supply Co	554 Bryant St. San Francisco	EX2-[illegible]
Ill	Rock & Selling	549 W Washington St. Chicago	RA6-6148
Mo	Baeger Equipment Co	[illegible] St Louis	JE3-0123
NJ	Dixon Engineering Sales	P O Box [illegible], Butler	TE8-3720
NY	Saeger [illegible] Co	[illegible] New York	WA5-1125
Pa	P W Newell Co	[illegible] Penn Ave. Pittsburgh	HO1-5766
	MARYLAND LAVA CO	Dept GB, Bel Air, Md	BE1441
	E Dinning #3 *50 C 120-240-300-1290-1875-1880-1940		
Cal	C H Mitchell & Co.	[illegible] Ventura Blvd, Sherman Oaks, Cal	
NY		[illegible] Ave. Flushing	[illegible]-8129
	MASON INSTRUMENT CO., INC	Box 663, Mamaroneck, NY	OW8-6222
	J Sellies #4 *20 350-885-895-1100		
Colo	Sherman Nabeum Co	4777 S 13th St E, Salt Lake City	
Del	Precision Sales Co	[illegible] Georgia Ave, Silver Spring	JU9-7690

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
DC	Precision Sales Co	8E16 Georgia Ave, Silver Spring, Md	JU9-7690
Ill	Finn & Conway, Inc	[illegible] Wells St. Chicago	WA5-9702
Ky	Melkin Instrument Co	[illegible] S Third St, Louisville 2	
La	The Sinclair Co	P.O. Box [illegible], Houston 35, Tex	
Me	Osgood Eng Co	110 Pleasant St, Malden, Mass	DA4-[illegible]
Md	Precision Sales Co	[illegible] Georgia Ave, Silver Spring	JU9-7690
Mass	Osgood Eng Co	110 Pleasant St, Malden	DA4-6[illegible]
Mich	H E Ardell	Box 55, Kensington Sta, Detroit	TU5-6547
Minn	Parker Sales & Eng Co	5[illegible] W [illegible] St, Mpls	
NH	Osgood Eng Co	110 Pleasant St, Malden, Mass	DA4-6[illegible]
NC	Joseph L Paradis	P.O. Box 7121, Greensboro	
Ohio	Instrument Service & Equip Co	3[illegible] W 117th St, Cleveland 11	OR1-4102
Pa	Russell F Clark Co	Clark Bldg, Pittsburgh 22	AT1-[illegible]
RI	Osgood Eng Co	110 Pleasant St, Malden	DA4-6[illegible]
Tenn	Melkin Instrument Co	4[illegible] S 3rd St, Louisville 2, Ky	
Tex	The Sinclair Co	P.O. Box [illegible], Houston 35, Tex	PA3-3521
Utah	Sherman Nabeum Co	4777 S 13th St E, Salt Lake City	
Vt	Osgood Eng Co	110 Pleasant St, Malden, Mass	DA4-[illegible]
Va	Precision Sales Co	[illegible] Georgia Ave, Silver Spring, Md	JU9-7690
W Va	Russell F Clark Co	Clark Bldg, Pittsburgh 22	AT1-[illegible]
	MASON, SHAVER & RHOADES, INC	P.O. Box 551, Irwin, Pa	UN3-1000
	W Shepherd #5 *65 E 20-45-675-995-1075-1135-1580		
	MASONITE CORP	111 W. Washington, Chicago 2, Ill	FR2-5642
	E Graeber *5,000 G 55-1100-1605		
	MASONWARE CO	Dexter Rd, East Providence 14, RI	GE4-2810
	J Opdyke #1 *100 D 210-1120		
•	**MASSA DIV COHU ELECTRONICS INC**	280 Lincoln St, Hingham, Mass	RI9-4800
	K Corbett #16 *200 E 15-338-360-610-695-1135-1250-1655-1850-1855-1915		
Ala	S S Lee Associates Inc	Terry Hutchens Bldg, Huntsville, Ala	JE6-0631
Ariz	McCarthy Associates	111 W. Osborn Rd, Phoenix, Ariz	CR9-1891
Cal	McCarthy Associates	635 Oak Grove Ave, Menlo Park, Cal.	DA6-7937
Cal	McCarthy Associates	[illegible] Ingraham St, San Diego 5, Cal	BR4-11[illegible]
Cal	McCarthy Assoc	[illegible] E Walnut St, Pasadena	MU1-7411
Colo	Lahana & Co	[illegible] S. Broadway, Denver 10, Colo	PE3-3791
Del	Test Equipment Sales Co	4447 N. Bodine St, Philadelphia 40, Pa	DA9-1822
DC	Test Equipment Sales Co	4447 N. Bodine St, Philadelphia 40, Pa	DA9-1822
Fla	S S Lee Associates Inc	718 N. Smith Ave, Orlando, Fla	GA3-6566
Ga	S S Lee Associates Inc	718 N. Smith Ave, Orlando, Fla	GA3-6566
Ill	The Lowell Co	[illegible] Terr, Skokie	OR6-2063
Ind	The Lowell Co	1702 Elliott St, Royal Oak, Mich	
Iowa	Design & Sales Eng Co	[illegible] Forsyth Blvd, St Louis 5, Mo	PA1-6403
Kan	Design & Sales Eng Co	[illegible] E Emporia, Wichita	HO4-2893
Ky	Elliott-Sarles Co	[illegible] Concord Dr, Westlake, Ohio	ED1-[illegible]
La	Arnold Barnes Co	[illegible] Lemmon Ave, Dallas 19, Tex	LA6-8735
Md	Test Equipment Sales Co	4447 N. Bodine St, Philadelphia 40, Pa	DA9-1822
Md	S S Lee Associates Inc	2521 Ennalls Ave, Wheaton, Md	LO5-3066
Mich	Elliott-Sarles Co	[illegible] E Maple St, Birmingham	MI4-4[illegible]
Miss	Arnold Barnes Co	[illegible] Lemmon Ave, Dallas 19, Tex	LA6-8735
Mo	Design & Sales Eng Co	[illegible] Forsyth Blvd, St Louis 5	PA1-64[illegible]
Mont	Lahana & Co	[illegible] S. Broadway, Denver 10, Colo	PE3-3791
Mont	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	CO9708
Neb	Design & Sales Eng Co	[illegible] E Emporia, Wichita	HO4-2893
Nev	McCarthy Associates	[illegible] E Walnut St, Pasadena, Cal	MU1-7411
NJ	RMC Associates	[illegible] Grand Ave, Englewood, NJ	LO7-[illegible]
NJ	Test Equipment Sales Co	4447 N. Bodine Ave, Philadelphia 40, Pa	DA9-1822
NM	R A Mayes Co	[illegible] Ave, El Paso, Tex	PR8-2[illegible]
NY	RMC Assoc	[illegible] E [illegible] St, New York 21	TR9-2023
NY	J D Ryerson Associates	P.O. Box 1408, Syracuse, NY	GI6-1771
NY	RMC Associates	236 E. 75th St, New York 21, NY	TR9-2023
NC	S S Lee Associates Inc	P.O. Box [illegible], Winston-Salem, NC	ST8-[illegible]
Ohio	Elliott-Sarles Co	[illegible] Concord Dr, Westlake	ED1-[illegible]
Okla	Arnold Barnes Co	P.O. Box [illegible], Tulsa	NA7-1515
Ore	Burt Porter Co	P.O. Box [illegible], Portland 12	AT4-1718
Pa	H E Ransford Co	[illegible] Clairton Blvd, Pittsburgh 36	TU4-3425
Pa	Test Equipment Sales Co	4447 N. Bodine St, Philadelphia 40, Pa	DA9-1822
Tex	Arnold Barnes Co	[illegible] Lemmon Ave, Dallas 19, Tex	LA6-8735
Utah	Lahana & Co	[illegible] St, Salt Lake City 15	HU6-8166
Wash	Burt Porter Co	1209 Poplar Pl, Seattle 44	EA3-[illegible]
W. Va	H E Ransford Co.	5400 Clairton Blvd, Pittsburgh 36, Pa	TU4-3425
Wyo	Lahana & Co	[illegible] S. Broadway, Denver 10, Colo	PE3-3791
	MASSACHUSETTS GEAR DIV., GEARTRONICS CORP	102 Nashua St. Woburn, Mass	WE3-14[illegible]
	F Koos Jr #4 *125 D 755		
	MAST DEVELOPMENT CO INC	2212 E 12th St Davenport, Iowa	323-9729
	G Mast #16 *54 D 895		
•	**MASTER ETCHING MACHINE CO**	127 Greenwood Ave. Wyncote, Pa	TU7-2535
	W Miller #6 *72 165-265-1075-1215		
Pa	Master Sales & Service Corp	127 Greenwood Ave, Wyncote	TU7-2535
	MASTER MOBILE MOUNTS INC	1306 Bond St, Los Angeles 15, Cal	RI7-0638
	45		
	MASTER SPECIALTIES CO	956 E. 108th St, Los Angeles 59, Cal	LO4-4481
	895-1460		
Md	Angus-Sloane Associates	Moorestown, NJ	BE5-1[illegible]
Mass	Eltron Engineering Sales	246 Walnut, Newtonville 60, Mass	DE2-6[illegible]75
NJ	Angus-Sloane Associates	Moorestown, NJ	BE5-1[illegible]
NY	Howard W Siegel	142 Beach St, Long Beach, NY	GE1-[illegible]
Wash	Samuel K Simon Co	1612 Broadway, Seattle 22, Wash	EA3-6117
	MASTER TAPE PRINTERS, INC	3400 N Halsted St, Chicago 13, Ill	EA7-3322
	L Dorfmeister *8 B 965-1190-1755		
•	**MASTERITE INDUSTRIES DIV. HOUSTON FEARLESS CORP**	835 Olive St. Inglewood, Cal	OR8-2575
	C Givin #3 *55 D 285-300-675-845		
	MASTERSCREEN PRINTING EQPT. CORP	16 S Marshall St Philadelphia 6, Pa	WA5-4419
	F Kline 1075		
	MASTRA CO	2184 Superior Ave. Cleve 14, Ohio	CH1-2945
	M Strauss #1 *9 B 135-180-230		
Ala	Paul Hayden Associates	P.O. Box 331, East Point, Ga	PO6-0251
Ariz	Vern Linsley	2502 W. Villa St, Phoenix, Ariz	AP8-2296

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ark	MacRae-Smith Co	P.O. Box 35113, Dallas 35, Tex	BL3-2006
Cal	M N Leventhal Co	3514 Laurelvale Dr. Studio City	PO9-2623
Colo	W B Gallaher	[illegible] Chester St, Aurora 8, Colo	EM6-0[illegible]
Del	Brothers & Conneen Assoc	6302 Lincoln Ave. Baltimore 9, Md	RO4-7[illegible]
DC	Brothers & Conneen Assoc	6302 Lincoln Ave. Baltimore 9, Md	RO4-7[illegible]
Fla	Paul Hayden Associates	P.O. Box 331, East Point, Ga	PO6-0251
Ga	Paul Hayden Associates	P.O. Box 331, East Point, Ga	PO6-0251
Idaho	W B Gallaher	1559 Chester St. Aurora 8, Colo	EM6-0[illegible]
Ind	Burton F Huesher	4[illegible] Dodge Ave. Ft. Wayne 3	TR3-1348
Iowa	George Kangas	10506 W. 89th St, Overland Park, Kan	TU8-5213
Kan	George Kangas	10506 W. 89th St, Overland Park, Kan	TU8-5213
Ky	Burton F Huesher	4[illegible] Dodge Ave. Ft. Wayne 3, Ind	TR3-1348
La	Macrae-Smith Co	Box 35113, Dallas 35, Tex	FL1-1615
Md	Brothers & Conneen Assoc	6302 Lincoln Ave. Baltimore 9	RO4-7189
Mich	Lawrence F Zaffino Co	[illegible] Detroit 23, Mich	[illegible]-4442
Miss	Paul Hayden Associates	P.O. Box 331, East Point, Ga	PO6-0251
Mo	George Kangas	10506 W. 89th St, Overland Park, Kan	TU8-5213
Mont	W B Gallaher	1559 Chester St, Aurora 8, Colo	EM6-0[illegible]
Neb	W B Gallaher	1559 Chester St, Aurora 8, Colo	EM6-0[illegible]
Nev	M N Leventhal Co	3514 Laurelvale Dr, Studio City, Cal	PO9-2623
NJ	Kubrick & Yarmen	475 S. Franklin St, Hempstead, NY	IV3-7[illegible]
NJ	Brothers & Conneen Assoc	6302 Lincoln Ave. Baltimore 9, Md	RO4-7189
NM	Vern Linsley	2502 W. Villa St, Phoenix, Ariz	AP8-2296
NY	Kubrick & Yarmen	475 S. Franklin St, Hempstead, NY	IV3-7[illegible]
NC	Paul Hayden Associates	P.O. Box 331, East Point, Ga	PO6-0251
Ohio	Robert W Peters Co	350 E. 215th St, Euclid 23, Ohio	AN1-2[illegible]
Okla	MacRae-Smith Co	P.O. Box 35113, Dallas 35, Tex	BL3-2006
Pa	Brothers & Conneen Assoc	6302 Lincoln Ave. Baltimore 9, Md	RO4-7189
Pa	Robert W Peters Co	350 E. 215th St, Euclid 23, Ohio	AN1-2[illegible]
SC	Paul Hayden Associates	P.O. Box 331, East Point, Ga	PO6-0251
Tenn	Paul Hayden Associates	P.O. Box 331, East Point, Ga	PO6-0251
Tex	Vern Linsley	2502 W. Villa St. Phoenix, Ariz	AP8-2296
Tex	Macrae-Smith Co	Box 35113, Dallas 35	FL1-1615
Utah	W B Gallaher	1559 Chester St, Aurora 8, Colo	EM6-0[illegible]
Va	Brothers & Conneen Assoc	6302 Lincoln Ave. Baltimore 9, Md	RO4-7189
Va	Robert W Peters Co	350 E. 215th St, Euclid 23, Ohio	AN1-2[illegible]
W.Va	Robert W. Peters Co	350 E. 215th St, Euclid 23, Ohio	AN1-2[illegible]
Wyo	W B Gallaher	1559 Chester St, Aurora 8, Colo	EM6-0[illegible]
•	**MATERIALS ELECTRONIC PRODUCTS CORP. (MELCOR)**	990 Spruce St. Trenton 8, NJ	EX3-4178
	#10 *25 E 370-1125		
Ariz	Abbott Instr & Engrg Co	Santa Monica Blvd. LA, Cal	GR4-5310
Cal	Abbott Inst. and Engrg Co	Santa Monica Blvd. LA	GR4-5310
Fla	H R Greer & Co	Box 187, Ormond Beach	OR7-0728
NJ	F F Sylvester Assoc	649 Morris St, Springfield	DR6-3324
NY	F F Sylvester Assoc	Box 285, Mineola	PL1-5448
	MATERIALS FOR ELECTRONICS INC	152-25 138 Ave, Jamaica 34, NY	FI1-1611
	M Rofole #120 *800 F 45-65-70-120-220-240-265-315-380-410-565-580-715-735-900-905-960-1085-1125-1240-1290-1630-1675-1875-1890		
	MATHESON CO INC	932 Paterson Plank Rd. East Rutherford, NJ	WE3-2800
	H Pearce #5 *200 E 740-895		
Cal	Matheson Co., Inc	Newark, Cal	NE4-[illegible]
Ill	Matheson Co., Inc	Joliet, Ill	[illegible]
For	Matheson of Canada, Ltd	[illegible] Whitby, Ont, Can	MO8-3797
	MATHESON COLEMAN & BELL	2909 Highland, Norwood, Ohio	ME1-3220
	J Nagle #5 *200 E 265-895		
NJ	Matheson Coleman & Bell	932 Paterson Plank Rd. E. Rutherford, NJ	WE3-2400
•	**MATSUSHITA ELECTRIC**	Box 288, Osaka Central, Tokyo, Japan	
	220-280-320-1270-1330-1475-1675-1735-1810-1895		
	MATTHEW LABS	4 Warburton Ave. Yonkers, NY	GR6-1282
	D Ekstein #255-1135-1340-1455		
	MATTHEWS & CO., JAMES H	3821 Forbes Ave, Pittsburgh 13, Pa	MU1-8500
	C Bauze #8 *300 E 338-890-1075-1190-1295-1700		
	MAUREY INSTRUMENT CORP	7924 S. Exchange Ave, Chicago 17, Ill	RE1-1717
	A Dobbie #4 *70 C 1330-1475-1735		
Ala	Wm Jones Co	1107 Echo Ct. N., Towson 4, Md	VA3-2434
Fla	Wm Jones Co	1107 Echo Ct. Towson 4, Md	VA3-2434
Ga	Wm Jones Co	1107 Echo Ct. Towson 4, Md	VA3-2434
Ind	Floyd Menze	726 W. Packard Ave, Ft. Wayne, Ind	KE3171
Ky	Floyd Menze	726 W. Packard, Ft. Wayne, Ind	KE3171
Mass	Drew Assoc, Inc	P.O. Box 487, Bedford	CR4-7232
Minn	Robert Marshall	[illegible] Excelsior Blvd, Minneapolis, Minn	WE9-6444
Miss	Wm Jones Co	1107 Echo Ct. N., Towson 4, Md	VA3-2434
NJ	James Kolbe	[illegible] Walker St, Manchester, Conn	MI9-1765
NY	James Kolbe	[illegible] Walker St, Manchester, Conn	MI9-1765
NC	Wm Jones Co	1107 Echo Ct. N., Towson 4, Md	VA3-2434
Ohio	Floyd Menze	726 W. Packard, Ft. Wayne, Ind	KE3171
Ohio	Service Equip Elec Inc	[illegible] Euclid, Cleveland	HE1-[illegible]
SC	Wm Jones Co	1107 Echo Ct. N., Towson 4, Md	VA3-2434
Tenn	Wm Jones Co	1107 Echo Ct. N., Towson 4, Md	VA3-2434
Foreign	Rocke International Corp	13 E. 40th St, New York 16, NY	MU5-[illegible]
Foreign	Br Parnstad Aktiebolag	[illegible] Stockholm S, Sweden	[illegible]
	MAURY & ASSOCIATES	10373 Mills Ave, Montclair, Cal	NA6-0441
	M Maury Jr #4 *12 A 25-45-50-60-385-670-1045-1135-1460-1855-1870		
Ark	Industrial Associated Elect	2011 Farrington, Dallas, Tex	[illegible]
Conn	Forsberg Sales	125 Perkins Ave. Brockton, Mass	JU3-0034
Del	Norman Pearce	Barclay Bldg, Bala Cynwyd, Pa	TR8-8353
DC	Norman Pearce	Barclay Bldg, Bala Cynwyd, Pa	TR8-8353
Ill	Barnett & Associates	[illegible] N Milwaukee Ave, Chicago 46	SP5-[illegible]
Kan	Industrial Assoc Elect	[illegible] S Broadway, Wichita	AM8-7744
La	Industrial Assoc Elect	718 Richmond St, Houston, Tex	JA[illegible]
Me	Forsberg Sales	125 Perkins Ave. Brockton, Mass	JU3-0034
Md	Norman Pearce	Barclay Bldg, Bala Cynwyd, Pa	TR8-8353
Mass	Forsberg Sales	125 Perkins Ave. Brockton	JU3-0034
NH	Forsberg Sales	125 Perkins Ave. Brockton, Mass	JU3-0034
NJ	Salisbury Associates	87 Broadway, Hicksville, NY	WE8-[illegible]
NM	Industrial Associated Elect	115 Richmond St, Albuquerque	AM8-7744
NY	Salisbury Associates	87 Broadway, Hicksville	WE8-[illegible]
NY	Salisbury Associates	87 Broadway, Hicksville	WE8-[illegible]
Ohio	Ed Magee & Co	[illegible] Far Hills Ave. Dayton	[illegible]

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Pa	Norman Porreca	Barclay Bldg. Bala Cynwyd	TR8-8353
RI	Forsberg Sales	125 Perkins Ave. Brockton, Mass	JU3-0034
Tex	Industrial Assoc Elect	2311 Farrington, Dallas	RI8-0777
Vt	Forsberg Sales	125 Perkins Ave. Brockton, Mass	JU3-0034
Wis	Berndt & Associates	6322 N Milwaukee Ave. Chicago 46, Ill	SP5-3488
	MAXSON ELECTRONICS CORP	**475 10th Ave. New York 18, NY**	**LO5-1900**
	J Stohn #490 *959 G 45-325-338-775-895-1075-1135-1395-1425-1585-1735-1870		
Cal	M A Stolaroff Co	4622 W Slauson Ave. Los Angeles 43	AX3-6226
Cal	W A C A Yeardley Co	631 Wilshire Blvd. Santa Monica	EX3-5315
Cal	John C Wilson	3520 Alameda De Las Pulgas, Menlo Park	DA2-7249
Colo	Kelley Enterprises	336 E 4th St. Loveland	NO7-3716
Conn	Zaslow Sales Co	108 Foxcroft Rd. West Hartford	AD6-3265
Ill	Kenneth W Meyers Co	6713 N Olcott Ave. Chicago	SP4-6440
Mass	Wyn Gay	371 Howard St. Northboro	EX3-8150
NY	Carse Electric Corp	1044 Broadway, Albany 4	HO2-5364
NY	William Allen	PO Box 23, Syracuse 15	GR1-3074
NY	QED Electronics Sales, Inc	9 Elm Ave. Mount Vernon	MO8-3100
Ohio	Lowry Dietrich Co	316 Marion Blvd. Cleveland 13	SU1-1855
Ohio	Lowry Dietrich Co	333 W 1st St. Dayton 2	BA3-6042
Pa	Fred F Bartlett & Co	18 West Ave. Wayne	MU8-7325
Pa	Lowry Dietrich Co	703 Clairton Blvd. Pittsburgh 36	TU1-2228
For	Andrew S Sams, Inc	50 Broad St. New York 4, New York	WH4-7487
	MAYER & CO., K G	**Neheim Husten 2, W Ger**	**3112/3113**
	Bamberg #2 *45 C 895		
Ill	Auto-Test, Inc	600 S Michigan Ave. Chicago 5	WA2-5459
NJ	Ameresco Inc	7 Center Ave. Little Falls	CL6-0582
NY	Lenkotex Co., Inc	136 Liberty St, New York 6, NY	RE2-9676
	MAYER CO., GEORGE J	**546 E. Market St, Indianapolis, Ind**	**ME6-6422**
	1295-1700		
Ala	Pearson-Dawkins Co	3506 Tennessee Ave, Chattanooga, Tenn	AM6-6321
Cal	Jeff McKnight	P.O. Box 543, Menlo Park, Cal	
Conn	John J Kopple Associates	9 W. Prospect Ave, Mt. Vernon, NY	MO4-5578
Ill	Robert Ellis	5306 W. Lawrence, Chicago, Ill	MU5-0058
Ind	Paul Redman	910 S. Weinbach Ave, Evansville, Ind	GR6-3261
Iowa	Stanley Wood	608 S. 4th Ave, E., Newton, Iowa	1773-R
Ky	R T Whitson & Sons	2514 Dixie Hwy, S. Ft. Mitchell, Ky	ED1-1655
Mass	John J Kopple Associates	9 W. Prospect Ave, Mt. Vernon, NY	MO4-5578
Mich	Charles Webster	10600 Puritan, Detroit, Mich	DI1-1270
Minn	Ray Baxfield	3716 Colfax Ave, S. Minneapolis, Minn	TA2-7804
Mo	J W Meier	114 W. 65 Terr, Kansas City, Mo	DE3-0921
Neb	J W Meier	114 W. 65 Terr, Kansas City, Mo	DE3-0921
NJ	John J Kopple Associates	9 W. Prospect Ave, Mt. Vernon, NY	MO4-5578
NY	F E Allen Co	1315 Hertel Ave, Buffalo 16, NY	DE1673
NY	John J Kopple Associates	9 W. Prospect Ave, Mt. Vernon, NY	MO4-5577
Ohio	R T Whitson & Sons	2514 Dixie Hwy, S. Ft. Mitchell, Ky	
Ohio	Gowry Sales Co	17855 Henry Rd, Cleveland, Ohio	CL1-1300
Okla	J W Meier	114 W. 65 Terr, Kansas City, Mo	DE3-0921
Pa	Fred Stuckberger	125 Monitor Ave, Pittsburgh, Pa	
Pa	Joseph A Muzzina	767 Crestwood Rd, Glenside, Pa	TU4-4119
Tenn	Pearson-Dawkins Co	3506 Tennessee Ave, Chattanooga, Tenn	AM6-6321
Tex	Jack I Greenberg	P.O. Box 291, Bellaire, Tex	MA3-7729
Wisc	W J Payne Co., Inc	406 N. Water St, Milwaukee, Wisc	BR1-1012
	MEAD SPECIALTIES CO	**4111 N. Knox, Chicago 41, Ill**	
	425		
	MEAKER CO	**75 River Rd. Nutley 10, NJ**	**NO7-5200**
	250-255-670-895-1075-1215-1340-1445-1455		
	Sales Representatives: See Sel-Rex Corp.		
	MEASUREMENTS DIV MC GRAW-EDISON CO	**Boonton, NJ**	**DE4-2131**
	A Eldridge E 50-895		
Cal	W Bert Knight Co	10377 W Pico Blvd, LA 64	BA2-0101
Cal	James S Heaton Co	413 Lathrop St, Redwood City	EM9-5278
Colo	F Y Gates Co	3395 S Bannock, Englewood, Colo	SU1-8566
Conn	Ray Perron & Co	36 Lewis St, Trumbull	AM8-9631
Ill	Cozzens & Cudahy	125 Old Orchard Arcade, Skokie	OR5-6700
Mass	Ray Perron & Co	1870 Centre St, Boston 32, Mass	FA3-1108
NM	F Y Gates Co	122 Harvard Dr SE, Albuquerque	CH3-8810
NY	M L Spitzer Co	Box 2324, Buffalo 23, NY	TF8-2083
NY	Martin P Andrews Inc	319 Mott Rd, Fayetteville, NY	NE7-6405
NY	M L Spitzer Co	Box 8332 Rochester, NY	
Ohio	R G Sidnell & Co	1229 Westlake Ave, Cleveland 7, Ohio	AC1-1313
Pa	H E Ransford Co	5400 Clairton Blvd, Pittsburgh 36	TU4-3425
Tex	Koch Engineering & Sales Co	1607 Jefferson Ave, Houston 2, Tex	FA3-7051
Tex	Koch Engineering & Sales Co	709 Meadows Bldg, Dallas	EM1-1765
Utah	F Y Gates Co	200 S Main St, Salt Lake City 1, Utah	EL9-1101
Can	H Roy Gray Ltd	46 Danforth Rd, Scarborough, Can	
Jap	Matsushita Electric Trading Co	Box 288 Central Osaka, Osaka, Jap	
	MEASUREMENTS RESEARCH CO	**3801 Castor Ave, Philadelphia 24, Pa**	**JE5-1177**
	895-1075-1390-1455		
	MECHANICAL FELT & TEXTILES CO	**50 W. 18th St, Weehawken, NJ**	**UN5-1879**
	620-625-660-750-900		
	MECHANICAL IND. PRODUCTION CO	**217 Ash St, Akron 8, Ohio**	**PO2-7673**
	G Wahl #3 *70 E 360-1735-1805		
Mo	Wells White Co	519 Melville Ave, St Louis 30	PA6-2511
Mo	Wells White Co	1937 Main St, Kansas City 11, Mo	JE1-6400
	MECHANICAL PRODUCTS INC ELECTRONIC SYSTEMS DIV	**1824 River St, Jackson, Mich**	**ST2-8391**
	A Francisco #2 *15 A 1135		
	MECHATROL DIV, SERVOMECHANISMS, INC	**1200 Prospect Ave, Westbury, NY**	**ED3-6000**
	G Dinger #8 *170 E 895-1165-1330		
Ariz	Mechatrol of California	200 N Aviation Blvd. El Segundo, Cal	OS5-7111
Ark	Kemp Engineering Co	2618 Manana Dr. Dallas 20, Tex	FL7-6663
Cal	Mechatrol of California	200 N Aviation Blvd. El Segundo	OR8-7841
Colo	Mechatrol of California	200 N Aviation Blvd. El Segundo, Cal	
Idaho	Seatronics Inc	P.O. Box 2125, Idaho Falls, Idaho	JA2-7992
Ill	Hugh Marsland & Co	6699 Lincoln Ave, Chicago 45, Ill	OR6-1100-1
Ind	Hugh Marsland & Co	920 N Tacoma Ave, Indianapolis 1	ME8-2253
Iowa	Hugh Marsland & Co	920 N Tacoma Ave, Indianapolis 1, Ind	ME8-2253
Kan	Kemp Engineering Co	2618 Manana Dr. Dallas 20, Tex	FL7-6663
La	Kemp Engineering Co	2618 Manana Dr. Dallas 20, Tex	FL7-6663
Mich	Hugh Marsland & Co	6699 Lincoln Ave, Chicago 45, Ill	OR6-1100-1
Minn	Hugh Marsland & Co	231 N. Edgewood Ave, Minneapolis 27	LI5-4481
Mo	Kemp Engineering Co	6614A Hampton Ave. St Louis 9	FL1-2175
Mont	Seatronics, Inc	1817 Norman St. Seattle 44, Wash	EA3-8545
Neb	Hugh Marsland & Co	6699 Lincoln Ave, Chicago, Ill	OR6-1100
Nev	Mechatrol of California	200 N Aviation Blvd. El Segundo, Cal	OS5-7111
NM	Mechatrol of California	200 N Aviation Blvd. El Segundo, Cal	OS5-7111
ND	Hugh Marsland & Co	6699 Lincoln Ave, Chicago 45, Ill	OR6-1100-1
Okla	Kemp Engineering Co	2618 Manana Dr. Dallas, Tex	FL7-6663
Ore	Seatronics Inc	1817 Norman St. Seattle 44, Wash	EA3-8545
SD	Hugh Marsland & Co	6699 Lincoln Ave, Chicago 45, Ill	OR6-1100-1
Tex	Kemp Engineering Co	2618 Manana Dr. Dallas	FL7-6663
Utah	Mechatrol of California	200 N Aviation Blvd. El Segundo, Cal	OS5-7111
Wash	Seatronics, Inc	1817 Norman St. Seattle 44	EA3-8545
Wisc	Hugh Marsland & Co	6699 Lincoln Ave, Chicago 45, Ill	OR6-1100-1
Wyo	Mechatrol of California	200 N Aviation Blvd. El Segundo, Cal	OR8-7841
	MEDISTOR INSTRUMENT CO	**1403 Northlake Way, Seattle 3, Wash**	**ME3-5145**
	#2 *7 A 325-895-1425		
	MED-TRONICS MFG. CO. INC	**2019 Westchester Ave. NY 6, NY**	**TA4-2190**
	G Saddler #3 *16 A 338-475-895-1455-1460-1810		
Cal	Web Electronic Assoc	Box 45734, LA 45	OR8-0151
	MELCO PRODUCTS INC	**301 Fifth Ave, S., Minneapolis 15, Minn**	
	320-1855		
	MELCOR ELECTRONICS CORP	**48 Toledo St, Farmingdale, NY**	**MY4-5570**
	J Brick #3 *6 B 338-360-895-1855-1915		
NY	O E M Sales Corp	80 Shore Rd, Port Washington	PO7-7700
	MELETRON CORP	**950 N. Highland, Los Angeles 38, Cal**	**HO3-4841**
	D Britton #6 *150 E 1735		
	MELLER CO., ADOLF	**Box 6001, Turnkey, Providence, RI**	**DE1-3717**
	M Meller *30 05-75-240-885-930-995-1135-1385-1510		
Ill	Harry Halinton	6400 N. Leoti Ave. Chicago 46	RO3-2131
	MELODY MASTER MFG CO	**2149-51 Roscoe St, Chicago 18, Ill**	**LA5-5559**
	#4 *25 B 805-895-1130		
Cal	Simonite-Lewis Associates	429 S. Western Ave, Los Angeles, Cal	DU1-1783
Colo	Wm J Peyser Jr & Co	1501 Weber St, Colorado Springs, Colo	ME4-3401
Fla	L E Barnhart	1003 Gunza Rd, Jacksonville, Fla	
Mass	Henry P Segel Co., Inc	395 Washington St, Brookline 46, Mass	BE2-7525
Mich	Electronic Supply Co	9th & Hamblin, Battle Creek, Mich	
NY	Kubrick & Yurman	475 S. Franklin St, Hempstead, NY	IV3-7230
Ohio	Edwards-Lohse & Co	2123 E. 9th St, Cleveland 15, Ohio	TO1-5753
Pa	Samuel K MacDonald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
Tenn	Al S Engelman Co	3205 Cramp Ave, Memphis 12, Tenn	GL8-6263
Can	R C Kennett Sales Ltd	73 Crockford Blvd. Scarborough, Ont	PL7-5171
	MELPAR INC	**3000 Arlington Blvd, Falls Church, Va**	**JE4-6000**
	H Redman #762 *3,059 G 240-280-315-360-670-890-895-900-1075-1135-1240-1290-1930		
•	**MENLO PARK ENGINEERING**	**711 Hamilton Ave, Menlo Park, Cal**	**DA6-9080**
	C Walter #4 *35 D 320-1135		
Ala	E G Holmes & Assoc	4969 Roswell Rd. NE, Atlanta, Ga	BL5-6660
Ariz	John Francis O'Halloran & Assoc	11636 Ventura Blvd, N. Hollywood, Cal	TR7-0173
Ark	Airco Engineering Co	P.O. Box 5555, Dallas 14, Tex	TA4-3800
Cal	John Francis O'Halloran & Assoc	11636 Ventura Blvd, North Hollywood	TR7-0173
Colo	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Conn	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
Del	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
DC	Burlingame Associates	8218 Wisconsin Ave, Wash 14, DC	OL4-6400
Fla	E G Holmes & Assoc	1220 Edgewater Dr. Orlando	CH1-2120
Ga	E G Holmes & Assoc	4969 Roswell Rd. NE, Atlanta	BL5-6660
Idaho	J K Dooley Co	3215 Western Ave, Seattle 1, Wash	AT4-8313
Ill	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Ind	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Iowa	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Kan	Gordon Fixman Eng Co	8160 Stanford Ave. St Louis 30, Mo	PA5-5219
Ky	Electro Sales Assoc	Cabel Sta, Box 143, Dayton, Ohio	CH4-5551
La	Airco Engineering Co	P.O. Box 5555, Dallas 14, Tex	TA4-3800
Me	Burlingame Associates	974 Main St, Waltham, Mass	TW4-1955
Md	Burlingame Associates	8218 Wisconsin Ave, Wash 14, DC	OL4-6400
Mass	Burlingame Associates	974 Main St, Waltham, Mass	TW4-1955
Mich	Electro Sales Assoc	15324 Mack Ave, Detroit 24	TU6-2280
Minn	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Miss	E G Holmes & Assoc	4969 Roswell Rd. NE, Atlanta, Ga	BL5-6660
Mo	Gordon Fixman Eng Co	8160 Stanford Ave. St Louis 30	PA5-5219
Mont	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Nev	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
NH	Burlingame Associates	974 Main St, Waltham, Mass	TW4-1955
NJ	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
NM	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
NY	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
NY	Burlingame Associates Corp	514 University Bldg, Syracuse, NY	GR4-7904
NC	E G Holmes & Assoc	440 W Market St. Greensboro	BR2-0855
Ohio	Electro Sales Assoc	335 E 200th St, Cleveland 19	RE2-7444
Ohio	Electro Sales Assoc	Cabel Sta, Box 143, Dayton	CH4-5551
Okla	Airco Engineering Co	P.O. Box 5555, Dallas 14, Tex	TA4-3800
Ore	J K Dooley Co	3215 Western Ave, Seattle 1, Wash	AT4-8313
Pa	Burlingame Associates	222 Long Ln, Upper Darby, Pa	SH7-8800
Pa	Electro Sales Assoc	335 E 200th St, Cleveland 19, Ohio	RE2-7444
RI	Burlingame Associates	974 Main St, Waltham, Mass	TW4-1955
SC	E G Holmes & Assoc	4969 Roswell Rd. NE, Atlanta, Ga	BL5-6660
Tenn	E G Holmes & Assoc	4969 Roswell Rd. NE, Atlanta, Ga	BL5-6660
Tex	Airco Engineering Co	P.O. Box 5555, Dallas 14, Tex	TA4-3800
Utah	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Vt	Burlingame Associates	974 Main St, Waltham, Mass	TW4-1955
Va	E G Holmes & Assoc	440 W Market St, Greensboro, NC	BR2-0855
Va	Burlingame Associates	8218 Wisconsin Ave, Wash 14, DC	OL4-6400
Wash	J K Dooley Co	3215 Western Ave, Seattle 1, Wash	AT4-8313
Wisc	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Wyo	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Canada	Radionics Ltd	8230 Mayrand St, Montreal 9, Quebec	RE8-5117
	MEPCO INC	**35-37 Abbott Ave, Morristown, NJ**	**JE9-2000**
	#8 *240 E 1475		
Ala	Perrott Associates	P O Box 6967, Orlando, Fla	MI4-0065
Ariz	G S Marshall Co	30 Pima Plaza, Scottsdale	WH6-5521
Ark	Norvell Associates	3603 Lemmon Ave, Dallas 19, Tex	LA6-7861
Cal	G S Marshall Co	2065 Huntington Dr, San Marino, Cal	MU1-6781
Cal	G S Marshall Co	2015 El Camino Real, Redwood City, Cal	EM6-8214
Cal	G S Marshall Co	3525 Fifth Ave, San Diego 3, Cal	
Colo	Barnhill Associates	1170 S. Sheridan Blvd, Denver, Colo	WE5-4675
Conn	John E Boeing Co., Inc	P O Box 151, Branford	ST7-0115
Del	Beebe & Aikman	237 Lancaster Ave, Devon, Pa	MU8-5173
DC	L G White Co	880 Bonifant St, Silver Spring, Md	JU5-3141
Fla	Perrott Associates	P O Box 6967, Orlando	MI4-0065
Ga	Perrott Associates	P O Box 6967, Orlando, Fla	MI4-0065
Idah	Ray Johnston Co	1011 E 69th St, Seattle 15, Wash	LA4-5170
Idaho	Barnhill Associates	1170 S. Sheridan Blvd, Denver, Colo	WE5-4675
Ill	Magnuson Associates	3347 W. Irving Park Rd, Chicago 18, Ill	KE9-7555
Ind	Magnuson Associates	3347 W. Irving Park Rd, Chicago 18, Ill	KE9-7555
Iowa	Magnuson Associates	3347 W. Irving Park Rd, Chicago 18, Ill	KE9-7555
Kan	W E Fry & Co., Inc	406 W. 34th St, Kansas City 11, Mo	JE1-5236
Ky	Sheridan Associates	Rosslyn Center Bldg, Cincinnati, Ohio	ME1-2490
La	Norvell Associates	3603 Lemmon Ave, Dallas 19, Tex	LA6-7861
Me	John E Boeing Co	P.O. Box 235, Lexington, Mass	VO2-2900
Md	Beebe & Aikman	237 Lancaster Ave, Devon, Pa	MU8-5173
Mass	John E Boeing Co	P.O. Box 235, Lexington, Mass	VO2-2900
Mich	Jim Morrow Sales	13149 Hamilton Ave, Highland Park 3	TO5-7600
Minn	Hamilton & Bayle Associates Inc	3359 Republic Ave, Minneapolis 26, Minn	WE9-7891
Mo	W E Fry & Co., Inc	6166 W Florissant Ave. St Louis 20	EV2-3600
Mo	W E Fry & Co., Inc	406 W. 34th St, Kansas City 11, Mo	JE1-5236
Mont	Ray Johnston Co	1011 E. 69th St, Seattle 15, Wash	LA4-5170
Neb	W E Fry & Co., Inc	406 W. 34th St, Kansas City 11, Mo	JE1-5236
NH	John E Boeing Co	P.O. Box 235, Lexington, Mass	VO2-2900
NJ	Beebe and Aikman	237 Lancaster Ave, Devon, Pa	MU8-5173
NM	Barnhill Associates	2352 Apache Ln, Alamogordo	HE7-2787
NY	Mepco, Inc	E Molloy Rd, Syracuse 11	GL4-4400
NY	Mepco Inc	174 Hillside Ave, Williston Park, NY	PI7-7666
NC	L G White Co	P.O. Box 2156 Winston Salem, NC	PA5-3612
ND	Hamilton & Bayle Associates Inc	3359 Republic Ave, Minneapolis 26, Minn	WE9-7891
Ohio	Sheridan Associates	Rosslyn Center Bldg, Cincinnati 37	ME1-2490
Okla	Norvell Associates	3603 Lemmon Ave, Dallas 19, Tex	LA6-7861
Ore	Ray Johnston Co	1011 E. 69th St, Seattle 15, Wash	LA4-5170
Pa	Beebe & Aikman	237 Lancaster Ave, Devon, Pa	MU8-5173
Pa	Sheridan Associates	6400 York Rd, Cleveland 30, Ohio	TU4-8000
RI	John E Boeing Co, Inc	P O Box 235, Lexington 73, Mass	VO2-2900
RI	John E Boeing Co	P.O. Box 235, Lexington, Mass	VO2-2900
SD	Hamilton & Bayle Associates Inc	3359 Republic Ave, Minneapolis 26, Minn	WE9-7891
Tenn	L G White Co	P.O. Box 2156, Winston Salem, NC	PA5-3612
Tex	Norvell Associates	3603 Lemmon Ave, Dallas 19, Tex	LA6-7861
Utah	Barnhill Associates	660 E 1st N, Centerville	EL5-5101
Vt	John E Boeing Co	P.O. Box 235, Lexington, Mass	VO2-2900
Va	L G White Co	P.O. Box 2156, Winston Salem, NC	PA5-3612
Wash	Ray Johnston Co	1011 E. 69th St, Seattle 15, Wash	LA4-5170
Wisc	Magnuson Associates	3347 W. Irving Park Rd, Chicago 18, Ill	KE9-7555
•	**MERCK & CO., INC ELECTRONIC CHEMICAL DIV**	**Rahway, NJ**	**FU1-5000**
	M Swentko #400 *6000 G 1125		
Cal	Merck & Co., Inc	6409 E. Gayhart St, Los Angeles 22, Cal	RA3-9521
	MERCO PRODUCTS INC	**1298 Bethel Dr, Eugene, Ore**	**DI3-1022**
	#1 *3 A 885-1215		
Fla	Jay Brown & Associates	4711 Phillips Hwy, Jacksonville, Fla	FL9-1212
Idaho	Nabham & Co., Inc	4777 S. 13th E. St, Salt Lake City, Utah	CR7-0459
Ill	Ind Combustion Eqpt Co.	7326 N Lowell, Lincolnwood	
Iowa	Paul A Jasmin & Son	6420 Indian Hills Rd, Minneapolis, Minn	WE5-4171
Minn	Paul A Jasmin & Son	6420 Indian Hills Rd, Minneapolis, Minn	WE5-4171
Neb	Paul A Jasmin & Son	6420 Indian Hills Rd, Minneapolis, Minn	WE5-4171
Nev	Nabham & Co., Inc	4777 S. 13th E. St, Salt Lake City, Utah	CR7-0459
NJ	Snyder Sales	P.O. Box 100, Pittstown, NJ	
NY	Electric Heat Associates	422 Niagara Falls Blvd, Buffalo, NY	
ND	Paul A Jasmin & Son	6420 Indian Hills Rd, Minneapolis, Minn	WE5-4171
Ohio	Carl J Jagel	P.O. Box 5177, Akron, Ohio	TE6-3254
Pa	Snyder Sales	P.O. Box 100, Pittstown, NJ	
Pa	Electric Heat Associates	422 Niagara Falls Blvd, Buffalo 23, NY	PA5600
RI	Daggon & Potter	209 Ocean St, E. Hartford, Conn	FI8-2210
SD	Paul A Jasmin & Son	6420 Indian Hills Rd, Minneapolis, Minn	WE5-4171
Tex	Wilson-Tobe & Co., Inc	4110 San Jacinto St, Houston, Tex	JA3-4169
Utah	Nabham & Co., Inc	4777 S. 13th E. St, Salt Lake City, Utah	CR7-0459
Vt	Daggon & Potter	209 Ocean St, E. Hartford, Conn	FI8-2210
Wisc	Paul A Jasmin & Son	6420 Indian Hills Rd, Minneapolis, Minn	WE5-4171
Wyo	Nabham & Co., Inc	4777 S. 13th E. St, Salt Lake City 17, Utah	CR7-0459
	MERCOID CORP	**4201 Belmont Ave, Chicago 41, Ill**	**PE6-2100**
	360-1460-1735-1805-1920		
	MERCURY AIR PARTS CO	**9310 W Jefferson Blvd, Culver City, Cal**	**UP0-5923**
	R Cohen #3 *35 C 125-615-1205-1490-1535-1940		
Colo	Harold Shalla	1871 S Broadway, Denver 10	PE3-6600
Ind	John J Leser	7546 Lockwood St, Dayton 15, Ohio	
NM	Harold Shalla	1871 S Broadway, Denver 10, Colo	PE3-6600
Ohio	John J Leser	7546 Lockwood St, Dayton 15	
Utah	Harold Shalla	1871 S Broadway, Denver 10, Colo	PE3-6600
Wyo	Harold Shalla	1871 S Broadway, Denver 10, Colo	PE3-6600
	MERCURY CONTACTS, INC	**1950 Nova Dr, Dayton 14, Ohio**	**CR8-4719**
	A Meabell A 1460-1735		
•	**MERCURY ELECTRONICS CO**	**Box 450, Red Bank, NJ**	**AT1-1600**
	F George #6 *37 C 895		
	MERCURY ENGINEERING CORP	**339 E. Cottage Pl, York, Pa**	**29557**
	C Bruns #2 *75 C 185-190-795-1075-1960-1965-1970		
	MERCURY TRANSFORMER CORP	**12964 Panama St, Los Angeles 66, Cal**	**UP0-8380**
	320-895-1420-1855		
Ariz	E J Foley	3840 N. Jokake Dr, Scottsdale, Ariz	WH5-4790
Ark	Edward F Aymond Co	4312 Maple Ave, Dallas, Tex	LA6-5233
Cal	E L Berman Co	451 Ninth St, San Francisco, Cal	UN3-0317
Okla	Edward F Aymond Co	4312 Maple Ave, Dallas, Tex	LA6-5233
Tex	Edward F Aymond Co	4312 Maple Ave, Dallas, Tex	LA6-5233

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	MERIDIAN METALCRAFT INC	8739 S. Bergrove Dr, Whittier, Cal	RA3-1500
	H Memo #5 *138 E 45-60-100-210-260-650-670-825-845-1135-1255		
	MERIT COIL & TRANSFORMER CORP	2087 Sherman St, Hollywood, Fla	WA3-1536
	O Jester #4 *150 E 320-1855-1995		
Ala	Stanley K Wallace Assoc, Inc	1453 Linda Vista Dr, Birmingham	TR1-8266
Alaska	Dale G Weber Co	8 S.E. Clay St, Portland, Ore	BE4-7671
Ariz	Bassett & Moore	12045 Magnolia Blvd, N Hollywood, Cal	TR7-7129
Ark	Crockett Sales Co	2204 Griffin St, Dallas, Tex	RI2-6704
Ark	Crockett Sales Co	2204 Griffin St, Dallas, Tex	RI8-8209
Cal	Bassett & Moore	12045 Magnolia Blvd, N Hollywood	TR7-7129
Cal	Newman, Rudat & Ewing	915 Terminal Way, San Carlos	LY1-0309
Colo	Cannon, Inc	1472 E Evans Ave, Denver	SK6-9417
Conn	Anderson Sales Co	177 State St, Boston, Mass	CA7-2980
Del	Brown-Frederick & Assoc, Inc	Box 235, Glenside, Pa	TU7-1325
DC	Brown-Frederick & Assoc, Inc	Box 235, Glenside, Pa	TU7-1325
Fla	Stanley K Wallace Assoc, Inc	PO Box 67, Lutz	WE9-3241
Fla	Stanley K Wallace Associates Inc	P.O. Box 744, Lutz, Fla	WE9-3241
Ga	Stanley K Wallace Associates Inc	713 Flemings Dr, S.W., Atlanta, Ga	PL3-8463
Haw	Hastie Sales Corp	PO Box 2994	507-171
Hawaii	Hastie Sales Corp	P.O. Box 2994, Honolulu 5, Hawaii	511-736
Idaho	Cannon, Inc	5472 E Evans Ave, Denver, Colo	SK6-9417
Iowa	R W Farris Co, Inc	406 W. 34th St, Kansas City 11, Mo	PL3-3350
Ill	Ray K Hutmacher Assoc	6668 NW Hwy, Chicago	NE1-3240
Ind	Cobb Sales Co	1825 Bardstown Rd, Louisville, Ky	GL1-1882
Kan	R W Farris Co, Inc	406 W 34th St, Kansas City 11, Mo	PL3-3350
Ky	Cobb Sales Co	1825 Bardstown Rd, Louisville	GL1-1882
La	Crockett Sales Co	2204 Griffin St, Dallas, Tex	RI8-8209
Me	Anderson Sales Co	177 State St, Boston, Mass	CA7-2980
Md	Brown-Frederick & Assoc, Inc	Box 235, Glenside, Pa	TU7-1325
Mass	Anderson Sales Co	177 State St, Boston, Mass	CA7-2980
Mich	Jack W Thorpe	640 Hidden Ln, Detroit 36, Mich	TU4-4360
Minn	Marvin H Kirkeby	704 Sunnyridge Ln, Minneapolis 22, Minn	FR7-3239
Miss	Crockett Sales Co	2204 Griffin St, Dallas, Tex	RI8-8209
Mo	R W Farris Co, Inc	406 W. 34th St, Kansas City 11, Mo	PL3-3350
Mont	Cannon, Inc	5472 E Evans Ave, Denver, Colo	SK6-9417
Neb	R W Farris Co, Inc	406 W 34th St, Kansas City 11, Mo	PL3-3350
Nev	Newman, Rudat & Ewing	915 Terminal Way, San Carlos, Cal	LY1-0309
NH	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
NJ	Julius J Bressler Co	4808 Bergenline Ave, Union City	UN4-9577
NJ	Brown-Frederick & Assoc, Inc	PO Box 235, Glenside, Pa	TU7-1325
NM	Cannon, Inc	5472 E Evans Ave, Denver, Colo	SK6-9417
NY	The Murray Sales Co	529 Merchants Rd, Rochester 9, NY	HU2-4133
NY	Murray Sales, Inc	529 Merchants Rd, Rochester	HU2-4133
NC	Stanley K Wallace Associates Inc	P.O. Box 11377, Charlotte, NC	JA3-6100
ND	Marvin H Kirkeby	704 Sunnyridge Ln, Minneapolis 22, Minn	FR7-3239
Ohio	C L Pugh Co	2144 Riverside Dr, Columbus 21, Ohio	HU8-4865
Okla	Lund & Co	2215 N. Oliver St, Dallas 1, Tex	RI8-8839
Ore	Dale G Weber Co	8 S.E. Clay St, Portland, Ore	BE4-7671
Pa	C L Pugh Co	2144 Riverside Dr, Columbus 21, Ohio	HU8-4855
Pa	Brown-Frederick & Assoc, Inc	PO Box 235, Glenside	TU7-1325
RI	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
SC	Stanley K Wallace Associates Inc	P.O. Box 11377, Charlotte, NC	JA3-6100
SD	Marvin H Kirkeby	704 Sunnyridge Ln, Minneapolis 22, Minn	FR7-3239
Tenn	Stanley K Wallace Associates Inc	638 Rochelle Dr, Nashville, Tenn	VE2-0784
Tex	Lund & Co	2215 N. Olive St, Dallas 1, Tex	RI8-8839
Utah	Cannon, Inc	1472 E Evans Ave, Denver, Colo	SK6-9417
Vt	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-3239
Va	Brown-Frederick & Assoc, Inc	PO Box 235, Glenside, Pa	TU7-1325
Wash	Dale G Weber Co	8 S.E. Clay St, Portland, Ore	BE4-7671
W. Va	C L Pugh Co	2144 Riverside Dr, Columbus 21, Ohio	HU8-4855
Wis	Ray K Hutmacher Assoc	6668 NW Hwy, Chicago, Ill	NE1-3240
Wyo	Cannon, Inc	5472 E Evans Ave, Denver, Colo	SK6-9417
Foreign	Louis D Cohen & Co	1955 S.W. 64th Ave, Miami, Fla	MO7-0800
	MERIT PLATING CO., INC	218 E. 141st St, New York 51, NY	CY2-6300
	1305		
	MERIT SHORT WAVE DIATHERMY CO	2754 Whittier Blvd, Los Angeles 23, Cal	AN1-7321
	405-820-895		
	MERKLE-KORFF GEAR CO	213 N.Morgan St, Chicago 7, Ill	MO6-1900
	W Snead 1165		
Ariz	M A Stolaroff & Co, Inc	4621 W. Slauson Ave, Los Angeles, Cal	AX3-6226
Cal	M A Stolaroff & Co, Inc	4621 W. Slauson Ave, Los Angeles, Cal	AX3-6226
Conn	Zaslow Sales Co	108 Foxcroft Rd, W. Hartford 7, Conn	AD6-3265
Del	L G White & Co, Inc	138 Forest Ave, Narberth, Pa	MO4-6505
DC	L G White & Co, Inc	8609 Bamford St, Silver Spring, Md	JU5-3141
Ill	Smith-Mosshner & Co	3525 Watson Rd, St. Louis 9, Mo	MI7-5145
Ind	Wright Eng	412-14 Stanley Ave, Evansville 11	HA5-7069
Ind	Wright Engineering	412-14 Stanley Ave, Evansville 11, Ind	HA5-7669
Ind	Sparks & Assoc	5418 College Ave, Indpls 20	CL5-2013
Ky	Spahn & Associates	1416 Bonnell Ave, Cincinnati 15, Ohio	VA1-7978
Me	Zaslow Sales Co	371 Howard St, Northboro, Mass	EX3-8150
Md	L G White & Co, Inc	8609 Bamford St, Silver Spring	JU5-3141
Mass	Zaslow Sales Co	371 Howard St, Northboro, Mass	EX3-8150
Mich	Ralph D Ernest Associates	12810 Puritan Ave, Detroit 27, Mich	UN1-7311
Minn	Jes-Co Sales Eng	3953 Maryland Ave, Mpls 26	UN9-2925
Mo	Smith Mosshner & Co	3525 Watson Rd, St. Louis 9, Mo	MI7-5145
Nev	M A Stolaroff & Co, Inc	4621 W. Slauson Ave, Los Angeles 43, Cal	AX3-6226
NY	S-J Sales Eng Co	148-05 Archer Ave, Jamaica 35, NY	AX1-3232
NC	L G White & Co	2080 Beach St, Winston-Salem, NC	PA5-3612
Ohio	A C Eqpt. Co	20575 Center Ridge Rd, Cleve 16	ED3-2777
Ohio	Spahn & Associates	2110 Arlington Ave, Columbus 21, Ohio	HU5-1561
Pa	L G White & Co, Inc	138 Forest Ave, Narberth	MO4-6505
RI	Zaslow Sales Co	371 Howard St, Northboro, Mass	EX3-8150
SC	L G White & Co, Inc	2080 Beach St, Winston-Salem, NC	PA5-3612
Tenn	L G White & Co, Inc	2080 Beach St, Winston-Salem, NC	PA5-3612
Tex	L Issacson Associates	1620 Dallas, Houston, Tex	CA7-0237
Vt	Zaslow Sales Co	371 Howard St, Northboro, Mass	EX3-8150
Va	L G White & Co, Inc	8609 Bamford St, Silver Spring, Md	JU5-3141
W Va	A C Eqpt. Co	20575 Center Ridge Rd, Cleve 16, Ohio	ED3-2777
W. Va	Spahn & Associates	1416 Bonnell Ave, Cincinnati 15, Ohio	VA1-7978
	MERRIMAC RESEARCH & DEV. INC	517 Lyons Ave, Irvington 11, NJ	ES1-1616
	J Coppucci #6 *22 B 50-670-1135		
Cal	G H Vaughan Co	2966 E. Foothill Blvd, Pasadena	SY5-4420
Conn	Industron Co	8 Merrimac St, Lowell, Mass	GL3-0562

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Fla	Q C Equipment Co	3150 SW 75th St, Miami	GA2-0495
Ind	Edmund Frost	1545 Chelmsford Rd, Mayfield Hts, Ohio	HI2-9040
Mass	Industron Co	8 Merrimac St, Lowell	GL3-0562
Mich	Edmund Frost	545 Chelmsford Rd, Mayfield Hts, Ohio	HI2-9040
Nev	G H Vaughan Co	2966 E. Foothill Blvd, Pasadena, Cal	SY5-4420
NH	Industron Co	8 Merrimac St, Lowell, Mass	GL3-0562
NJ	Industron Co	300 Northern Blvd, Great Neck, NY	HU7-2620
NY	Industron Co	300 Northern Blvd, Great Neck	HU7-2620
Ohio	Edmund Frost	1545 Chelmsford Rd, Mayfield Hts	HI2-9040
Pa	Industron Co	5259 Oxford Ave, Phila 24	PI4-0553
Pa	Edmund Frost	1545 Chelmsford Rd, Mayfield Hts, Ohio	HI2-9040
Vt	Industron Co	8 Merrimac St, Lowell, Mass	GL3-0562
W Va	Edmund Frost	1545 Chelmsford Rd, Mayfield Hts, Ohio	HI2-9040
	MESA PLASTICS CO	12270 Nebraska Ave, L A 25, Cal	BR2-0259
	F Karas #10 *65 E 1290		
Conn	W A Probrick	133 Tudor Oval, Westfield, NJ	AD3-5635
Del	W A Probrick	133 Tudor Oval, Westfield, NJ	AD3-5635
DC	Nat Kronstadt Associates	Thayer Bldg, Silver Springs, Md	JU5-6141
Ill	P M Powers II	229 N Bierman Ave, Villa Park	TE4-6609
Ind	P M Powers II	229 N Bierman Ave, Villa Park, Ill	TE4-6609
Iowa	R R Burton Sales Co., Inc	6717 Holmes St, Kansas City 31, Mo	JA3-0227
Kan	R R Burton Sales Co., Inc	6717 Holmes St, Kansas City 31, Mo	JA3-0227
Md	Nat Kronstadt Associates	Thayer Bldg, Silver Springs	JU5-6141
Mass	W A Probrick	133 Tudor Oval, Westfield, NJ	AD3-5635
Mich	P M Powers II	229 N Bierman Ave, Villa Park, Ill	TE4-6609
Minn	P M Powers II	229 N Bierman Ave, Villa Park, Ill	TE4-6609
Mo	R R Burton Sales Co., Inc	6717 Holmes St, Kansas City 31	JA3-0227
Neb	R R Burton Sales Co., Inc	6717 Holmes St, Kansas City 31, Mo	JA3-0227
NH	W A Probrick	133 Tudor Oval, Westfield, NJ	AD3-5635
NJ	Walter Probrick	133 Tudor Oval, Westfield, NJ	AD3-5635
NY	W A Probrick	133 Tudor Oval, Westfield, NJ	AD3-5635
Ohio	P M Powers II	229 N Bierman Ave, Villa Park, Ill	TE4-6609
Pa	W A Probrick	133 Tudor Oval, Westfield, NJ	AD3-5635
RI	W A Probrick	133 Tudor Oval, Westfield, NJ	AD3-5635
Vt	W A Probrick	133 Tudor Oval, Westfield, NJ	AD3-5635
Wis	P M Powers II	229 N Bierman Ave, Villa Park, Ill	TE4-6609
For	Technical Factors, Ltd	P O Box 1288, Tokyo, Japan	
For	A Ambert, S A	22 bis Blvd. de la Bastille, Paris 12e, Fr	
	METACHEM RESINS CORP.		
	MERECO PROD DIV	530 Wellington Ave. Cranston 10, RI	ST1-4000
	H Spivock #3 A 30-265-315-890-980-1240-1290-1670		
Cal	Paul D Jacobs	427 Market St, SF	YU2-7286
Cal	Martin & Olson	213 S Hawthorne Blvd, Hawthorne	OR8-6186
Conn	Conn Sales Engg Co	PO Box 768, New Haven	LO2-2682
Ill	William E Burgoyne	7001 N Clark St, Chicago	HO5-2112
Mass	Nylin Assoc	119 Ashe St, Worcester	PL4-7621
Mich	Lar-Mac Assoc	403 Fisher Bldg, Detroit 2	TR1-7600
NJ	Robert Ingersoll	2214 New Albany Rd, Riverton	829-5297
NY	R B Scanlon Co	263 Palisade Ave, Yonkers	GR6-0321
RI	Arno Dee Assoc	17 Pilgrim Dr, Cranston 10	ST1-8171
Wis	Richard Rubinstein	4378 N Wilson Dr, Milwaukee 11	WO2-0099
	METAL FABRICATORS CORP	63 Pond St, Waltham 54, Mass	TW3-6800
	C Angell #8 *195 E 180-1075-1135		
	METAL FINDINGS CORP	152 W. 22nd St, New York 11, NY	AL5-1234
	Essman #3 *75 D 790-1120-1970		
	METAL FINISHERS INC	78 S. Franklintown Rd, Baltimore 23, Md	GI5-0594
	1305		
	METAL HYDRIDES INC	Beverly, Mass	WA2-1875
	H Kruschwitz Jr #4 *120 E 445-1125		
Ill	W E Phillips Inc	435 N. Michigan Ave, Chicago	SU7-9611
	METAL TEXTILE CORP DIV GENERAL CABLE CORP	647 E First Ave, Roselle, NJ	CH5-3000
	W Lobe 750-1575-1580		
Alas	Seatronics Inc	1817 Norman St, Seattle, Wash	EA3-8545
Ariz	Thomas L Stevens Co	15322 S. Crevillea Ave, Lawndale, Cal	OS9-1419
Cal	Thomas L Stevens Co	15322 S Crevillea Ave, Lawndale, Cal	OS9-1419
Ill	R Edward Stemm Inc	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Ind	R Edward Stemm Inc	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Mass	William Conner Co	103 Adams St, N Abington	TR8-2939
NJ	Jules J Bressler	4808 Bergenline Ave, Union City, NJ	UN4-9577
NY	Jules J Bressler	4808 Bergenline Ave, Union City, NJ	UN4-9577
Wash	Seatronics Inc	1817 Norman St, Seattle, Wash	EA3-8545
Wisc	R Edward Stemm Inc	5681 W. Lake St, Chicago 44, Ill	ES9-2700
For	Seatronics Inc	1817 Norman St, Seattle, Wash	EA3-8545
	METAL & THERMIT CORP	Rahway, NJ	FU1-3000
	G Babcock *1,000 G 265-315-1125-1240-1305		
	METALPHOTO OF CINCINNATI	7 E. 75 St, Cincinnati, Ohio	VA1-2300
	#1 *5 A 345-895-1190-1245		
Mass	J Duncan Howe Inc	445 Statler Office Bldg, Boston 16	HU2-4638
NY	Grant E Scott Jr	1316 #1 View Dr, Olean	FR2-5690
Ohio	Boyd Assoc	2101 Auburn Ave, Toledo	CH6-8533
Pa	Shelnar Electronics Co	Box 254, Glenside	TU7-2294
	METALPHOTO CORP	6811 Superior Ave, Cleveland 3, Ohio	UT1-7575
	R Ferryman *13 C 465-1190-1295		
	METAL WORKS, INC	9th & Jefferson Sts, Hermann, Mo	699
	M Webb #2 *30 C 180-1245-1390		
Ala	Stanley K. Wallace Assoc	Box 67, Lutz, Fla	WE9-3241
Alaska	Roger E. Minthorne Co	0673 S.W. Taylors Ferry, Portland, Ore	CH6-4556
Ariz	Marshank Sales Co	7422 Melrose Ave. Los Angeles, Cal	WE8-2591
Ark	Wyborny Sales Co	408 Merchandise Mart Bldg, Dallas, Tex	RI8-6139
Cal	Marshank Sales Co	7422 Melrose Ave. Los Angeles	WE8-2591
Cal	Harriss-Koehle Sales Co	204 E Hillsdale Blvd, San Mateo	FL1-2909
Colo	Hyde Electronics	888 S. Lipan St, Denver, Colo	WE6-3456
Conn	W. B. Pray Sales	44 Washington St, Wellesley Hills, Mass	CE5-3199
Del	Robert Finley Co	Lincoln Bldg, Ridgewood, NJ	OL2-0088
Fla	Stanley K. Wallace Assoc	Box 67, Lutz, Fla	WE9-3241
Ga	Stanley K. Wallace Assoc	Box 67, Lutz, Fla	WE9-3241
Haw	Harriss-Koehle Sales Co	204 E Hillsdale Blvd, San Mateo, Cal	FL1-2909
Idaho	Roger M. Minthorne Co	0673 S.W. Taylors Ferry, Portland, Ore	CH6-4556

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ill	Jerome H. Kleiner Co	177 Sunset Ave, Glen Ellyn, Ill	2297
Ill	H.W. Knaggs Co	7503 Melba Lane, Belleville, Ill	EX7-2398
Ind	Hoenig Sales Co	Butler Court, Fort Wayne, Ind	AN-2493
Iowa	A.J. Warner Co	5022 29th Ave S, Minneapolis, Minn	PA9-7371
Iowa	Jerome H. Kleiner Co	177 Sunset Ave, Glen Ellyn, Ill	2297
Ky	Hoenig Sales Co	Butler Court, Fort Wayne, Ind	AN-2493
La	Wyborny Sales Co	408 Merchandise Mart Bldg, Dallas, Tex	RI8-6139
Me	W.B. Pray Sales	44 Washington St, Wellesley Hills, Mass	CE5-3199
Md	Robert Finley Co	Lincoln Bldg, Ridgewood, NJ	OL2-0088
Mass	W.B. Pray Sales	44 Washington St, Wellesley Hills, Mass	CE5-3199
Mich	Robert Miller Co	19371 James Couzens Hw, Detroit, Mich	BR3-3632
Minn	A.J. Warner Co	5022 29th Ave S, Minneapolis, Minn	PA9-7371
Miss	Stanley K. Wallace Assoc	Box 67, Lutz, Fla	WE9-3241
Mo	H.W. Knaggs Co	7503 Melba Lane, Belleville, Ill	EX7-2398
Mont	Hyde Electronics	888 S. Lipan St, Denver, Colo	WE6-3456
Mont	Roger M. Minthorne Co	0673 S.W. Taylors Ferry, Portland, Ore	CH6-4556
Neb	A.J. Warner Co	5022 29th Ave S, Minneapolis, Minn	PA9-7371
Neb	Hyde Electronics	888 S. Lipan St, Denver, Colo	WE6-3456
NH	W.B. Pray Sales	44 Washington St, Wellesley Hills, Mass	CE5-3199
NJ	Robert Finley Co	Lincoln Bldg, Ridgewood, NJ	OL2-0088
NJ	Leon L. Adelman Co	25 Chittenden Ave, New York City, NY	SW5-1145
NM	Hyde Electronics	888 S. Lipan St, Denver, Colo	WE6-3456
NY	Leon L. Adelman Co	25 Chittenden Ave, New York City, NY	SW5-1145
NC	Stanley K. Wallace Assoc	Box 67, Lutz, Fla	WE9-3241
ND	A.J. Warner Co	5022 29th Ave S, Minneapolis, Minn	PA9-7371
Okla	Wyborny Sales Co	408 Merchandise Mart Bldg, Dallas, Tex	RI8-6139
Ore	Roger M. Minthorne Co	0673 S.W. Taylors Ferry, Portland, Ore	CH6-4556
Pa	Robert Finley Co	Lincoln Bldg, Ridgewood, NJ	OL2-0088
RI	W.B. Pray Sales	44 Washington St, Wellesley Hills, Mass	CE5-3199
SC	Stanley K. Wallace Assoc	Box 67, Lutz, Fla	WE9-3241
SD	A.J. Warner Co	5022 29th Ave S, Minneapolis, Minn	PA9-7371
Tenn	Stanley K. Wallace Assoc	Box 67, Lutz, Fla	WE9-3241
Tex	Wyborny Sales Co	408 Merchandise Mart Bldg, Dallas, Tex	RI8-6139
Utah	Hyde Electronics	888 S. Lipan St, Denver, Colo	WE6-3456
Vt	W.B. Pray Sales	44 Washington St, Wellesley Hills, Mass	CE5-3199
Va	Robert Finley Co	Lincoln Bldg, Ridgewood, NJ	OL2-0088
Wash	Roger M. Minthorne Co	0673 S.W. Taylors Ferry, Portland, Ore	CH6-4556
Wisc	Jerome H. Kleiner Co	177 Sunset Ave, Glen Ellyn, Ill	2297
Wisc	A.J. Warner Co	5022 29th Ave S, Minneapolis, Minn	PA9-7371
Wyo	Hyde Electronics	888 S. Lipan St, Denver, Colo	WE6-3456
	METAVAC INC	45-68 162 St, Flushing 58, NY	HI5-8400
	G Fadel #4 *20 B 240-315-390-805-990-1046-1115-1135-1290-1475		
Ariz	J E Hechter Co	1135 W Huntington Dr, Arcadia, Cal	MU1-2361
Cal	J E Hechter Co	1135 W Huntington Dr, Arcadia	MU1-2361
Conn	W M Hague Co	P.O. Box 89, Carlisle, Mass	VO2-8717
Me	W M Hague Co	P.O. Box 89, Carlisle, Mass	VO2-8717
Mass	W M Hague Co	P.O. Box 89, Carlisle, Mass	VO2-8717
NH	W M Hague Co	P.O. Box 89, Carlisle, Mass	VO2-8717
NJ	Salsbury Assoc, Inc	87 Broadway, Hicksville, NY	WE8-1080
NY	Salsbury Assoc, Inc	87 Broadway, Hicksville, LI	WE8-1080
NY	Infrared Systems, Inc	470 Franklin St, Buffalo 2	GR3577
Ohio	Infrared Systems, Inc	470 Franklin St, Buffalo, NY	GR3577
Pa	Infrared Systems, Inc	470 Franklin St, Buffalo, NY	GR3577
RI	W M Hague Co	P.O. Box 89, Carlisle, Mass	VO2-8717
Vt	W M Hague Co	P.O. Box 89, Carlisle, Mass	VO2-8717
	METCO INC	1101 Prospect Ave, Westbury, NY	ED4-1300
	S Dent #20 *200 240-1960		
	METCOM INC	76 Lafayette St, Salem, Mass	PI4-8400
	P Bagnell #22 *140 E 1135-1880		
Ala	Chad Knowlton Associates	2662 NE 7th St, Pompano Beach, Fla	WH1-3142
Ariz	Fryco Co	Lightfall Bldg, Scottsdale, Ariz	WH5-3281
Cal	C. W. Swift & Associates	15166 Ventura Blvd, Sherman Oaks, Cal	TR3-2046
Colo	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO-1376
Del	J.H. Electronic Sales Company	P.O. Box 6844, Towson, Md	VA5-4441
DC (Wash)	Mr. Robert Mathias	1507 M St, Washington, DC	CO5-3080
Fla	Chad Knowlton Associates	2662 NE 7th St, Pompano Beach	WH1-3142
Ga	Chad Knowlton Associates	2662 NE 7th St, Pompano Beach, Fla	WH1-3142
Idaho	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Ill	H.G. Pretat, Inc	4 N. Cicero Ave, Chicago, Ill	CO1-3146
Ind	H.G. Pretat, Inc	4 N. Cicero Ave, Chicago, Ill	CO1-3146
Iowa	W E Fry Co	Broadway & 34th St, Kansas City, Mo	JE5236
Kan	W.E. Fry Co	Broadway & 34th St, Kansas City, Mo	JE-5236
Md	J.H. Electronic Sales Company	P.O. Box 6844, Towson, Md	VA5-4441
Mass	George Gregory Associates	99 Elm St, West Newton, Mass	BI4-4832
Minn	Scott Electronic Sales	5209 W 60th St, S Minneapolis	WA6-3919
Mo	Scott Electronic Sales	6500 Xerxes Ave, S. Minneapolis 23, Minn	WA6-3919
Mo	W.E. Fry Co	Broadway & 34th St, Kansas City, Mo	JE-5236
Neb	W.E. Fry Co	Broadway & 34th St, Kansas City, Mo	JE-5236
NJ	CDB Enterprises	501 Broadway, Hicksville, NY	WE8-8644
NJ	J.H. Electronic Sales Company	P.O. Box 6844, Towson, Md	VA5-4441
NM	Fryco Co	Lightfall Bldg, Scottsdale, Ariz	WH5-3281
NY	E W Shaw Company	300 Merritt Ave, Syracuse, NY	HO9-3825
NY	CDB Enterprises	501 Broadway, Hicksville, NY	WE8-8644
NC	Mr. Ted Britt	1507 M St, Washington, DC	CO5-3080
ND	Scott Electronic Sales	5209 W 60th St, S. Minneapolis, Minn	WA6-3919
ND	Scott Electronic Sales	6500 Xerxes Ave, S. Minneapolis 23, Minn	WA6-3919
Ohio	Paul J. Bocianowski & Associates	P.O. Box 175 Dayton 24, Ohio	BE3-0849
Ohio	H.G. Pretat, Inc	4 N. Cicero Ave, Chicago, Ill	CO1-3146
Pa	J.H. Electronic Sales Company	P.O. Box 6844, Towson, Md	VA5-4441
SD	Scott Electronic Sales	6500 Xerxes Ave, S. Minneapolis 23, Minn	WA6-3919
Tenn	J.H. Electronic Sales Company	P.O. Box 6844, Towson, Md	VA5-4441
Tex	Texas Avionics Co	5738 N Central Expwy, Dallas 6	
Utah	Kelly Enterprises	336 E 4 St. Loveland, Colo	NO7-1376
Va	Mr. Ted Britt	1507 M St, Washington, DC	CO5-3080
Wash	C.W. Swift & Associates	15166 Ventura Blvd, Sherman Oaks, Cal	TR3-2046
Wis	H.G. Pretat, Inc	4 N. Cicero Ave, Chicago, Ill	CO1-3146
Wy	Kelly Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Canada	The Ahearn & Soper Co, Ltd	384 Bank St, Ottawa 4, Canada	CE6-9441
Foreign	Dage Corporation	219 E. 44th St, New York 17, NY	MU2-6755
	METERLOG CORP	149 N.Halstead St, Pasadena, Cal	MU1-5794
	338-365-895-915-1240-1850-1935		
Ala	E C Raymond & Associates	1221 Arlington Ave, St. Petersburg, Fla	WA1-9725
Cal	R L Pflieger Co	1652 Laurel St, San Carlos, Cal	LY1-2385
Colo	Brown Technical & Associated Sales	130 S. Yahow St, Lakewood 26, Colo	BE7-3467

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Conn	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MT4-7530
Del	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MT4-7530
DC	Burlingame Associates	8218 Wisconsin Ave, Wash 14, DC	OL4-6400
Fla	E C Raymund & Associates	1221 Arlington Ave, St. Petersburg, Fla	WA1-9735
Ga	E C Raymund & Associates	1221 Arlington Ave, St. Petersburg, Fla	WA1-9735
Idaho	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	ME3-3160
Ill	Robert J Kennedy Co	6713 N. Oliphant Ave, Chicago 31, Ill.	NE1-8283
Ind	Robert J Kennedy Co	6713 N. Oliphant Ave, Chicago 31, Ill.	NE1-8283
Iowa	Robert J Kennedy Co	6713 N. Oliphant Ave, Chicago 31, Ill.	NE1-8283
Kan	Kemco Inc	6427 E. Kellogg, Wichita 18, Kan	MU4-8224
Ky	Elliott-Sarles Co	23473 Concord Dr, Westlake, Ohio	ED1-8911
Me	Burlingame Associates	974 Main St, Waltham, Mass	TW4-1955
Md	Burlingame Associates	8218 Wisconsin Ave, Wash 18, DC	OL4-6400
Mass	Burlingame Associates	974 Main St, Waltham, Mass	TW4-1955
Mich	Robert J Kennedy Co	6713 N. Oliphant Ave, Chicago 31, Ill.	NE1-8283
Mo	Kemco Inc	6427 E. Kellogg, Wichita 18, Kan	MU4-8224
Mont	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	ME3-3160
Nev	R L Pflieger Co	1652 Laurel St, San Carlos, Cal	LY1-0395
NH	Burlingame Associates	510 S. Fulton, Mt. Vernon, NY	MT4-7530
NJ	Burlingame Associates	510 S. Fulton, Mt. Vernon, NY	MT4-7530
NM	Brown Technical & Associates Sales	130 S. Yarrow St, Lakewood 26, Colo	BE7-3467
NY	Burlingame Associates	510 S. Fulton, Mt. Vernon, NY	MO4-7530
NC	E C Raymund & Associates	1221 Arlington Ave, St. Petersburg, Fla	WA1-9735
NJ	Burlingame Associates	510 S. Fulton, Mt. Vernon, NY	MO4-7530
Ohio	Elliott-Sarles Co	23473 Concord Dr, Westlake, Ohio	ED1-8911
Okla	Kemco Inc	6427 E. Kellog, Wichita 18, Kan	MU4-8224
Ore	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	ME3-3160
Pa	Elliott-Sarles Co	1915 Brownsville Rd, Pittsburgh, Pa	TU1-4545
Pa	Burlingame Associates	222 Long Ln, Upper Darby, Pa	SH7-9080
RI	Burlingame Associates	510 S. Fulton, Mt. Vernon, NY	MO4-7530
SC	E C Raymund & Associates	1221 Arlington Ave, St. Petersburg, Fla	WA1-9735
Tenn	E C Raymund & Associates	1221 Arlington Ave, St. Petersburg, Fla	WA1-9735
Tex	Kemco Inc	1618 W. 6th, Irving, Tex	FL1-5900
Utah	Brown Technical & Associates Sales	130 S. Yarrow St, Lakewood 26, Colo	BE7-3467
Vt	Burlingame Associates	510 S. Fulton, Mt. Vernon, NY	MO4-7530
Va	Burlingame Associates	8218 Wisconsin Ave, Wash 14, DC	OL4-6400
Wash	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	ME3-3160
W. Va	Elliott-Sarles Co	1915 Brownsville Rd, Pittsburgh, Pa	SH7-9080
Wisc	Robert J Kennedy Co	6713 N. Oliphant Ave, Chicago 31, Ill.	NE1-8283
Wyo	Brown Technical & Associates Sales	130 S. Yarrow St, Lakewood 26, Colo	BE7-3467
Foreign	Trans-World Trade	450 N. Beverly Dr, Beverly Hills, Cal.	CR5-2444

METERS INC — 5353 N. Keystone, Indapls 20, Ind — CL5-3570
*25 A 895

● **METHODE MFG CORP** — 7447 W. Wilson Ave, Chicago 31, Ill — UN7-9600
W Jensen #50 *450 F 190-280-345-790-1580-1630-1785-1980

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Lynd A Walkling	P.O. Box 3045, Atlanta 17, Ga	DR3-8346
Ariz	W S Harmon Co	P.O. Box 1380, Beverly Hills, Cal	OL2-5616
Ark	Gordon Fuxman Engineering Co	8160 Stanford Ave, St. Louis, Mo	PA5-5219
Cal	W S Harmon Co	P.O. Box 1380, Beverly Hills, Cal	OL2-5616
Cal	KESCO	P.O. Box 23, Redwood City, Cal	EM9-2876
Colo	Peyser Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Conn	Northrep Associates	P.O. Box 12, Manchester, Conn	MI3-0863
Del	J A Mount Co	National Press Bldg, Wash 4, DC	DI7-1349
DC	Jay A Mount Co	National Press Bldg, Wash 4, DC	DI7-1349
Ga	Lynd A Walkling	P.O. Box 3045, Atlanta 17, Ga	DR3-8346
Ill	Claude Booth Associates	4000 W. North Ave, Chicago, Ill	CA7-2810
Ind	Macnabb Schroeder & Loomis	P.O. Box 5971, Indianapolis, Ind	CL5-6770
Kan	Gordon Fuxman Engineering Co	8160 Stanford Ave, St. Louis, Mo	PA5-5219
Ky	Macnabb Schroeder & Loomis	P.O. Box 5971, Indianapolis, Ind	CL5-6770
Me	Northrep Associates	P.O. Box 12, Manchester, Conn	MI3-0863
Md	Jay A Mount Co	National Press Bldg, Wash 4, DC	DI7-1349
Mass	Northrep Associates	P.O. Box 12, Manchester, Conn	MI3-0863
Mich	Service Equipment Electronics	4500 Euclid Ave, Cleveland, Ohio	HE1-7030
Minn	Honkamp Sales Co	2223 N. 70th St, Milwaukee, Wisc	WO4-2111
Mo	Gordon Fuxman Engineering Co	8160 Stanford Ave, St. Louis 30, Mo	PA5-5219
NH	Northrep Associates	P.O. Box 12, Manchester, Conn	MI3-0863
NJ	Components for Electronics Inc	91 E. Shore Dr, Mountain Lakes, NJ	DE4-2921
NJ	Cooper Clement Associates	835 Glenside Ave, Wyncote, Pa	TU7-8150
NM	Peyser Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
NY	Components for Electronics Inc	91 E. Shore Dr, Mountain Lakes, NJ	DE4-2921
NY	M P Andrews Inc	Mott Rd, Fayetteville, NY	NE7-6405
NC	Jay A Mount Co	National Press Bldg, Wash 4, DC	DI7-1349
Ohio	Service Equipment Electronics	4500 Euclid Ave, Cleveland, Ohio	HE1-7030
Okla	Tex-O-Koma Sales	235 S.E. 14th St, Grand Prairie, Tex	
Ore	Harry Levinson Co	1117 Second Ave, S., Seattle 1, Wash	
Pa	Cooper Clement Associates	835 Glenside Ave, Wyncote, Pa	TU7-8150
RI	Northrep Associates	P.O. Box 12, Manchester, Conn	MI3-0863
SC	Lynd A Walkling	P.O. Box 3045, Atlanta 17, Ga	DR3-8346
Tenn	Macnabb Schroeder & Loomis	P.O.Box 5971, Indianapolis, Ind	CL5-6770
Tex	Tex-O-Koma Sales	235 S.E. 14th St, Grand Prairie, Tex	
Vt	Northrep Associates	P.O. Box 12, Manchester, Conn	MI3-0863
Va	Jay A Mount Co	National Press Bldg, Wash 4, DC	DI7-1349
Wash	Harry Levinson Co	1117 Second Ave, S., Seattle 1, Wash	
W. Va	Macnabb Schroeder & Loomis	P.O. Box 5971, Indianapolis, Ind	CL5-6770
Wisc	Honkamp Sales Co	2223 N. 70th St, Milwaukee 13, Wisc	WO4-2111
Foreign	Sylvan Ginsbury Ltd	8 W. 40th St, New York 18, NY	LO4-7585

METRON INSTRUMENT CO — 432 Lincoln St, Denver 3, Colo — PE3-3764
R Miller #12 *50 D 390-535-755-895

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ariz	Components Sales Cal Inc	4626 Van Nuys Blvd, Sherman Oaks, Cal	ST8-4550
Ark	Koch Engineering & Sales	309 Meadows Bldg, Dallas, Tex	EM1-1765
Cal	Components Sales Cal Inc	4626 Van Nuys Blvd, Sherman Oaks, Cal	ST8-4550
Conn	Electrical Manufacturers Service	265 Church St, New Haven 10, Conn	UN5-9104
Del	Electrical Manufacturers Service	201 S. Broadway, Camden, NJ	WO4-8014
DC	Electrical Manufacturers Service	318 Mathieson Bldg, Baltimore 2, Md	LE9-2131
Ill	Kelburn Engineering Co	3136 Clarence Ave, Berwyn, Ill	BI2-1672
Ind	Kelburn Engineering Co	3136 Clarence Ave, Berwyn, Ill	BI2-1672
Iowa	Kelburn Engineering Co	3136 Clarence Ave, Berwyn, Ill	BI2-1672
La	Koch Engineering & Sales	309 Meadows Bldg, Dallas, Tex	EM1-1765
Me	Electrical Manufacturers Service	P.O. Box 383, Waltham, Mass	TW3-0100
Md	Electrical Manufacturers Service	318 Mathieson Bldg, Baltimore, Md	LE9-2131
Mass	Electrical Manufacturers Service	P.O. Box 383, Waltham, Mass	TW3-0100
Mich	Ralph D Ernest Associates	12818 Puritan Ave, Detroit, Mich	UN1-7311
NH	Electrical Manufacturers Service	P.O. Box 383, Waltham, Mass	TW3-0100
NJ	Electrical Manufacturers Service	18 Yale St, Nutley, NJ	NO7-2541
NY	Electrical Manufactures Service	P.O.Box 128, Williston Park, NY	PI2-1616
Ohio	Tipling Sales Co	14275 Detroit Ave. Cleveland	AC6-4300
Pa	Electrical Manufacturers Service	201 S. Broadway, Camden, NJ	WO4-8014
RI	Electrical Manufacturers Service	265 Church St, New Haven, Conn	UN5-9104
Tex	Koch Engineering & Sales	309 Meadows Bldg, Dallas, Tex	EM1-1765
Va	Electrical Manufacturers Service	318 Mathieson Bldg, Baltimore, Md	LE9-2131
Wisc	Kelburn Engineering	3136 Clarence Ave, Berwyn, Ill	BI2-1672

METRONIX INC — 75 Wilson Mills Rd, Chesterland, Ohio — HA3-4440
D Dolan #2 *10 B 895

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Electronic Engineering Associates Ltd	1295 Laurel St, San Carlos, Cal	LY3-2189
Cal	Hafstrom-Thompson Co	16212 Ventura Blvd, Encino, Cal	ST8-0800
Cal	Hafstrom-Thompson Assoc	7460 Girard Ave. LaJolla	GL4-1185
Ill	R Edward Stemm	5681 W. Lake St, Chicago, Ill	ES9-2700
Mass	Raytronics Inc	2 Garden Rd, Marblehead, Mass	NE2-1857
Minn	R Edward Stemm	123 S. Third St, Minneapolis, Minn	FE5-7172
NY	The Industron Co	300 Northern Blvd, Great Neck, NY	HU7-2620
NY	The Industron Co	200 E. Genesee St, Syracuse, NY	HA2-2064
Tex	Carey-Wolf Co	P.O. Box 6072, Fort Worth, Tex	PE8-1702
Wash	Paramount Agencies	3131 Western Ave, Seattle, Wash	AT4-1840
Wash	Paramount Agencies	P.O. Box 835, Spokane, Wash	TE8-2287
Canada	Electromechanical Products Inc	Markham Rd, Agincourt, Ontario, Canada	AX3-7011
Canada	Electromechanical Products Inc	11819 Michel Sarazin, Montreal, Quebec	RI4-1932

METROPOLITAN TELECOMMUNICATIONS CORP — Ames Ct. Plainview, NY — WE1-7200
B Yelsey #8 *150 E 320-325-585-670-1200-1245-1420-1425-1770-1855-1960-1995

METZ REFINING CO — 369 Mulberry St, Newark 2, NJ — MA2-0066
W Sink #2 *19 E 265-315-1125-1635-1960

METZNER ENGINEERING CORP — 1041 N. Sycamore, Hollywood 38, Cal — HO2-2353
1255-1265-1270-1435-1750-1905

MEYERCORD CO — 5323 W. Lake St, Chicago 44, Ill
R Roger 435-1190

MICA CORP — 4031 Elenda, Culver City, Cal — UP0-6861
B Kessler #4 *60 E 975-1290

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Mica Corp., The	PO Box 11412, Sta A, Palo Alto	DA6-2789
Fla	Joseph Adams & Assoc	PO Box 1322, Melbourne	PA3-1931
Ill	Harry Halinton	6400 N Leoti Ave. Chicago 46	RO3-2132
Mich	W B Conrad Co	13438 Fenkell Ave, Detroit 27, Mich	BR3-4050
Minn	Service Tool & Eng Co	521 S 7th St. Mnpls	FE9-8611
NJ	Mercer Ind Sales Co	The 206 Center, Princeton	WA1-2002
NJ	Mica Corp., The	1139 E Jersey St. Elizabeth	EL5-6010
NY	John Lazor Assoc	280 E Highland Dr. Rochester	GR3-8337
Wash	Ray Johnston Co	1011 E. 69th St, Seattle 15, Wash	LA4-5170
Wis	Arthur Eng Sales Co	11210 W Mallory Ave. Hales Corner	GA5-5919
For	Geo H Sample Co	17-19 Anthony St. Melbourne, Aust	
For	Copromel	30 Boule Bonne Nouvelle, Paris 10, Fr	

MICA FABRICATING CO — 53 Central Ave, Rochelle Park, NJ — HU7-5717
J Caster #1 *60 C 900-1890-1940

MICACRAFT PRODUCTS INC — 49-55 Liberty St, Newark 2, NJ — MA3-6921
C Garnece Jr #1 *50 C 900-1875

MICHAEL, INC., CLAUDE — 703 W. Ivy St, Glendale 4, Cal — CH5-8481
265-700-1635-1825

MICHIGAN MAGNETICS INC — W. 3rd St, Vermontville, Mich — CL9-8911
P Schulte #5 *150 E 338-810

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	David Ellis Co	919 D E. California St, Pasadena 1, Cal	MU1-9108
Cal	James S Heaton Co	413 Lathrope St, Redwood City, Cal	EM9-5278
Ill	Michigan Magnetics, Inc	6272 W North Ave. Chicago 39	TU9-4022
Ill	William R Spackman	PO Box 104, Wheaton	MO8-2498
NJ	Ed Nemeth Assoc	13-08 Morlot Ave. Fair Lawn	SW7-7500
NY	Ed Nemeth Assoc	13-08 Morlot Ave. Fair Lawn, NJ	SW7-7500
Foreign	Teltech International Corp	431 5th Ave, New York 16, NY	MU3-2400

● **MICO INSTRUMENT CO** — 77 Trowbridge St, Cambridge 38, Mass — KI7-8660
R Walker #1 *15 B 700-990-1075-1135-1190-1635

MICRO BALANCING INC — 191 Herricks Rd, Garden City Park, NY — PI6-0851
D Francis #3 *60 C 360-1075

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Joslyn Mfg & Supply Co Gulf Div	2222 Vanderbilt Rd, Birmingham, Ala	
Ariz	Joslyn-Pacific Co	5100 District Blvd, Los Angeles, Cal	
Ark	Joslyn Mfg & Supply Co	155 N. Wacker Dr, Chicago, Ill	
Cal	Joslyn-Pacific Co	5100 District Blvd, Los Angeles, Cal	
Conn	The Joslyn Co	79 Pine St, New York, NY	
Del	The Joslyn Co	79 Pine St, New York, NY	
DC	The Joslyn Co	79 Pine St, New York, NY	
Fla	Joslyn Mfg & Supply Co Gulf Div	2222 Vanderbilt Dr, Birmingham, Ala	
Ga	Joslyn Mfg & Supply Co Gulf Div	2222 Vanderbilt Dr, Birmingham, Ala	
Idaho	Josly N Mfg & Supply Co	155 N. Wacker Dr, Chicago, Ill	
Ill	Joslyn Mfg & Supply Co	155 N. Wacker Dr, Chicago, Ill	
Ind	Joslyn Mfg & Supply Co	155 N. Wacker Dr, Chicago, Ill	
Iowa	Joslyn Mfg & Supply Co	155 N. Wacker Dr, Chicago, Ill	
Kan	Joslyn Mfg & Supply Co	155 N. Wacker Dr, Chicago, Ill	
Ky	Joslyn Mfg & Supply Co Gulf Div	2222 Vanderbilt Dr, Birmingham, Ala	
La	Joslyn Mfg & Supply Co Gulf Div	2222 Vanderbilt Dr, Birmingham, Ala	
Me	The Joslyn Co	79 Pine St, New York, NY	
Md	The Joslyn Co	79 Pine St, New York, NY	
Mass	The Joslyn Co	79 Pine St, New York, NY	
Mich	Joslyn Mfg & Supply Co	155 N. Wacker Dr, Chicago, Ill	
For	Westinghouse International	NY	

MICRO-CIRCUITS CO — New Buffalo, Mich — 1163
R Bradley A 315-890-900-1240

MICRO GEE PRODUCTS INC — 6319 W.Slauson Ave, Culver City, Cal — EX1-6719
R Nowack #5 *25 C 338-470-895-1455-1550-1555-1610

MICRO-LECTRIC INC — 19 Debevoise Ave. Roosevelt, NY — FR8-3222
A Thompson #2 *25 C 345-1330-1735

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ariz	Components Corp	35 N. Arroyo Pkwy, Pasadena, Cal	
Cal	Components Corp	35 N. Arroyo Pkwy, Pasadena, Cal	
Conn	Sales Associates of New England	30 Chester St, Somerville 44, Mass	
DC	Blaine Short	P.O. Box 4534, Wash 17, DC	
Fla	William G Margot	2238 Duncan Dr. Largo	
Ind	A E Williams Co	Rural Rt 1, Markle, Ind	
Kan	N S Brown Associates	5852 Boca Raton Dr, Dallas 30, Tex	
Ky	A E Williams Co	Rural Rt 1, Markle, Ind	
Me	Sales Associates of New England	30 Chester St, Somerville 44, Mass	
Md	Blaine Short	P.O. Box 4534, Wash 17, DC	
Mass	Sales Associates of New England	30 Chester St, Somerville 44, Mass	
Mich	A E Williams Co	Rural Rt 1, Markle, Ind	
Mo	N S Brown Associates	5852 Boca Raton Dr, Dallas 30, Tex	
NH	Sales Associates of New England	30 Chester St, Somerville 44, Mass	
NJ	Rywel Sales Inc	100 N Village Ave. Rockville Centre, NY	
NY	Rywel Sales Inc	100 N Village Ave. Rockville Centre	
NM	Components Corp	35 N. Arroyo Pkwy, Pasadena, Cal	
Ohio	A E Williams Co	Rural Rt 1, Markle, Ind	
Okla	N S Brown Associates	5852 Boca Raton Dr, Dallas 30, Tex	
Tex	N S Brown Associates	5852 Boca Raton Dr, Dallas 30, Tex	
Vt	Sales Associates of New England	30 Chester St, Somerville 44, Mass	
Va	Blaine Short	P.O. Box 4534, Wash 17, DC	

MICRO-NOW INSTRUMENT CO — 6340 N. Tripp Ave, Chicago 46, Ill — AV2-0846
C Arnow #1 *3 A 895-1135

MICROSEMICONDUCTOR CORP — 11250 Playa Ct. Culver City, Cal — EX1-0271
S Manning #19 *46 220-255-500-1150-1445-1860

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Threlkeld-Duckett Assoc	PO Box 733, Birmingham	TR1-6642
Cal	Gene F Straube Co	1181 Sesame Dr. Sunnyvale	RE9-8640
Conn	L L Schley Co	70 Coolidge Hill Rd. Watertown, Mass	WA6-0235
Fla	Smith-Duckett Assoc	PO Box 1646, Stuart	AT7-1252
Ga	Grady Duckett Sales Co	PO Box 11529, Atlanta	CE3-5308
Ga	Giddings-Duckett Assoc	PO Box 11657, Atlanta	CE3-5308
Ill	Eng Sales Co, Inc	4738 N Harlem Ave. Chicago 31	UN7-8434
Ill	Harris-Hanson Co	2814 S Brentwood Blvd. St Louis 17, Mo	MI7-4350
Ind	Engineered Sales Co, Inc	4738 N Harlem Ave. Chicago 31	UN7-8434
Iowa	Engineered Sales Co, Inc	4738 N Harlem Ave. Chicago 31, Ill	UN7-8434
Me	L L Schley Co	70 Coolidge Hill Rd. Watertown 72, Mass	WA6-0235
Mass	L L Schley Co	70 Coolidge Hill Rd. Watertown 72	WA6-0235
Minn	Hamilton & Bayle Assoc., Inc	3359 Republic Ave. Mnpls 26	WE9-7891
Miss	Grady Duckett Sales Co	PO Box 11529, Atlanta 5, Ga	CE3-5308
Mo	Harris-Hanson Co	2814 S Brentwood Blvd. St Louis 17	MI7-4350
NH	L L Schley Co	70 Coolidge Hill Rd. Watertown 72, Mass	WA6-0235
NJ	Kahgan Sales Corp	1261 Broadway, New York 1, NY	MU4-7772
NY	L L Schley Corp	109 Kinne Rd. DeWitt	GI6-1642
NY	Kahgan Sales Corp	1261 Broadway, New York 1	MU4-7772
NC	Fanning-Duckett Assoc	PO Box 11402, Charlotte	JA3-6937
Ohio	Mike Roth Sales Co	13947 Cedar Rd. Cleveland 18	YE2-4262
Ore	Avionics Liaison, Inc	Boeing Field, Seattle 8, Wash	PA3-7602
Pa	Mike Roth Sales Co	13947 Cedar Rd. Cleveland 18, Ohio	YE2-4262
RI	L L Schley Co	70 Coolidge Hill Rd. Watertown 72, Mass	WA6-0235
SC	Grady Duckett Sales Co	PO Box 11529, Atlanta 5, Ga	CE3-5308
Tenn	Grady Duckett Sales Co	PO Box 11529, Atlanta 5, Ga	CE3-5308
Vt	L L Schley Co	70 Coolidge Hill Rd. Watertown 72, Mass	WA6-0235
Wash	Avionics Liaison, Inc	Boeing Field, Seattle 8	PA3-7602
W Va	Mike Roth Sales Co	13947 Cedar Rd. Cleveland 18, Ohio	YE2-4262
Wis	Engineered Sales Co, Inc	4738 N Harlem Ave. Chicago 31, Ill	UN7-8434

MICRO STATE ELECTRONICS CORP — Box 303, Murray Hill, NJ — CR7-6600
A Greydon #20 *50 E 410-500-1135

● **MICRO SWITCH DIV MINN HONEYWELL** — 11 W. Spring St, Freeport, Ill — AD2-1122
1735

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ariz	Micro Switch Div	4125 N. 7th Ave. Phoenix 13	CR4-7791
Cal	Micro Switch Div	6620 Telegraph Rd. LA 22	RA3-7104
Cal	Micro Switch Div	1515 Morena Blvd. San Diego 10	BR6-4668
Cal	Micro Switch Div	2 Dorman Ave. SF 24	AT8-1221
Colo	Micro Switch Div	2130 S. Dahlia St. Denver 22	SK6-9419
Conn	Micro Switch Div	885 Wethersfield Ave. Hartford 14	JA7-0178
DC	Micro Switch Div	4926 Wis. Ave. NW. Wash 16	EM2-9050
Ga	Micro Switch Div	500 Plaster Ave. NE. Atlanta 9	TR5-7981
Ill	Micro Switch Div	7350 N. Lincoln Ave. Chicago 80	IR8-9290
Ind	Micro Switch Div	1905 W. 18th St. Indpls 2	ME5-2149
Kan	Micro Switch Div	2801 S. Madison, Wichita	LY1-3436
Mass	Micro Switch Div	1230 Soldiers Field Rd. Boston 35	AL4-3939
Mich	Micro Switch Div	13631 Plymouth Rd. Detroit 27	WE3-6577
Minn	Micro Switch Div	2753 4th Ave. S. Mnpls 8	FE2-5225
Mo	Micro Switch Div	2146 Hampton Ave. St. Louis 10	MI7-1116
NJ	Micro Switch Div	Box 161, Union	MU8-8740
NY	Micro Switch Div	24-30 Skillman Ave. LIC	ST6-5005
NY	Micro Switch Div	841 Maple St. Rochester 11	FA8-0373
NC	Micro Switch Div	212 Greystone Rd. Charlotte 9	JA3-3820
Ohio	Micro Switch Div	1001 E. 55th St. Cleve 3	UT1-5566
Ohio	Micro Switch Div	1441 Milburn Ave. Dayton 4	BA2-4615
Ore	Micro Switch Div	2600 SE. Belmont, Portland 14	BE5-8224
Pa	Micro Switch Div	3345 W. Hunting Park Ave. Phila 32	BA3-9800
Tex	Micro Switch Div	6000 N. Central Expwy. Dallas 6	EM1-6227
Utah	Micro Switch Div	2280 S. Main St. Salt Lake City 15	HU6-8427
Wash	Micro Switch Div	401 Pontius Ave. Seattle 9	MU2-4580
Wis	Micro Switch Div	5520 W. Burleigh St. Milwaukee 10	HI5-3991
Can	Micro Switch Div	Vanderhoof Ave. Leaside, Toronto 17, Ont	HU9-2151

MICRO SYSTEMS, INC — 319 Agostino Rd. San Gabriel, Cal — AT7-0584
R Major #5 *50 D 235-885

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Astro-Tec	912 Bob Wallace Ave. Huntsville	JE9-7981
Ariz	B J Wolfe Enterprises	PO Box 281, Northridge, Cal	TR7-5135
Ark	Applied Science Assoc	3603 Lemmon Ave. Dallas 14, Tex	LA8-1767
Cal	B J Wolfe Enterprises	PO Box 281, Northridge	TR7-5135
Colo	Ormond Instrumentation Center	11969 E Slauson, Santa Fe Springs, Cal	OX8-2815
Conn	Dana G Doherty Co	1253 Highland Ave. Needham 92, Mass	HI4-8280
Del	Polymetric Devices Co, Inc	PO Box 236, Glenside, Pa	TU7-4873
DC	Polymetric Devices Co, Inc	PO Box 236, Glenside, Pa	TU7-4873
Fla	Astro-Tec	912 Bob Wallace Ave. Huntsville, Ala	JE9-7981
Ga	Astro-Tec	912 Bob Wallace Ave. Huntsville, Ala	JE9-7981
Idah	Seatronics, Inc	1817 Norman St. Seattle, Wash	EA3-8545
Ill	Berndt & Klein Assoc	2941 Touhy, Chicago 45	BR4-0600
Ind	Berndt & Klein Assoc	2941 Touhy, Chicago 45, Ill	BR4-0600
Iowa	Engineering Services Co	1305 Oakland Gardens, Cedar Rapids	EM5-6183
Kan	Engineering Services Co	247 Pinecrest S. Wichita	MU3-3751
La	Applied Science Assoc	3603 Lemmon Ave. Dallas 14, Tex	LA8-1767
Me	Dana G Doherty Co	1253 Highland Ave. Needham 92, Mass	HI4-8280
Md	Polymetric Devices Co, Inc	PO Box 236, Glenside, Pa	TU7-4873
Mass	Dana G Doherty Co	1253 Highland Ave. Needham 92	HI4-8280
Mich	Tiby Co., The	2245 Warrensville Center Rd. Cleve 18	ER1-5335
Minn	Pinkney & Hine Co	1925 Nicollet Ave. Mnpls	FE8-0523

● INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
Miss	Astro-Tec	912 Bob Wallace Ave, Huntsville, Ala	JE9-7981
Mo	Engineering Services Co	6717 Vernon, St Louis 30	PA6-2233
Mont	Sextronics, Inc	1817 Norman St, Seattle, Wash	EA3-8545
Neb	Engineering Services Co	6717 Vernon, St Louis 30, Mo	PA6-2233
Nev	B J Wolfe Enterprises	PO Box 291, Northridge, Cal	TR7-5135
NH	Dana G Doherty Co	1253 Highland Ave, Needham 92, Mass	HI4-8280
NJ	Polymetric Devices Co, Inc	PO Box 236, Glenside, Pa	TU7-4873
NM	Ormond Instrumentation Center	11969 E Slauson, Santa Fe Springs, Cal	OX8-2915
NY	Robert F Lamb Co, The	3457 Delaware Ave, Buffalo 17	TR6-3757
NY	Polymetric Devices Co, Inc	PO Box 236, Glenside, Pa	TU7-4873
NC	Astro-Tec	912 Bob Wallace Ave, Huntsville, Ala	JE9-7981
ND	Pinkney & Hine Co	1925 Nicollet Ave, Mpls, Minn	FE8-1523
Ohio	Tiby Co., The	2345 Warrensville Center Rd, Cleve 18	EV1-5325
Okla	Applied Science Assoc	3603 Lemmon Ave, Dallas 14, Tex	LA8-1767
Ore	Sextronics, Inc	1817 Norman St, Seattle, Wash	EA3-8545
Pa	Polymetric Devices Co, Inc	PO Box 236, Glenside	TU7-4873
RI	Dana G Doherty Co	1253 Highland Ave, Needham 92, Mass	HI4-8280
SC	Astro-Tec	912 Bob Wallace Ave, Huntsville, Ala	JE9-7981
SD	Pinkney & Hine Co	1925 Nicollet Ave, Mpls, Minn	FE8-1523
Tenn	Astro-Tec	912 Bob Wallace Ave, Huntsville, Ala	JE9-7981
Tex	Applied Science Assoc	3603 Lemmon Ave, Dallas 14	LA8-1767
Utah	Ormond Instrumentation Center	11969 E Slauson, Santa Fe Springs, Cal	OX8-2915
Vt	Dana G Doherty Co	1253 Highland Ave, Needham 92, Mass	HI4-8280
Va	Polymetric Devices Co, Inc	PO Box 236, Glenside, Pa	TU7-4873
Wash	Sextronics, Inc	1817 Norman St, Seattle	EA3-8545
Wis	Berndt & Klein Assocs	2941 Touhy, Chicago 45, Ill	BR4-0680
Wyo	Ormond Instrumentation Center	11969 E Slauson, Santa Fe Springs, Cal	OX8-2915
	MICROCELL ELECTRONICS	**Blackwater, Camberley, Surrey, Eng**	**CA3461**
	R Knight #40 *200 A 200-370-375-380-895-1135-1340		
	MICRODOT INC	**220 Pasadena Ave, S. Pasadena, Cal**	**MU2-3351**
	G Martin #11 *430 E 190-325-345-365-615-670-785-895-1135-1340-1425-1440-1780-1785-1795-1850-1855-1870		
Ala	W A Brown & Associates	3405 Lookout Dr SE, Huntsville	
Cal	Rhoades Instrument Co	21378 Leonora Dr, Woodland Hills	
Cal	Luscombe Engineering	1020 S Arroyo Pkwy, Pasadena	
Cal	Van Groos Co	21051 Costanso St, Woodland Hills	
Cal	David H Ross Co	534 El Camino Real, San Carlos	
Colo	Parrish Electronics	2130 S Albion, Denver	
Conn	Arthur Hatton Assoc, Inc	1008 Farmington Ave, W Hartford	
Fla	Col-Ins-Co, Inc	5728 Precision Dr, Orlando	
Ill	Lang, Classen & Assoc	6730 N Olmsted, Chicago	
Ind	Wachtel/Schneider/Loomis	620 E 64th St, Indianapolis	
Md	Cowler-Knoop Co	8732 Flower Ave, Silver Spring	
Mass	Brewer Engineering Labs, Inc	P O Box 157, Marion	
Mass	Arthur Hatton Assoc, Inc	246 Walnut St, Newtonville	
Mich	S Sterling Co	15310 W McNichols Rd, Detroit	
Minn	Stan Clothier Co., Inc	12 W 50th St, Minneapolis	
Mo	Zoe-Cowen & Assoc., Inc	7730 Carondelet, St Louis	
NJ	Bonn Associates	57 New St, Metuchen	
NJ	Cowler-Knoop Co	178 Eagle Rock Ave, Roseland	
NY	Teltech International Corp	333 E 46th St, New York	
NY	Cowler-Knoop Co	282 Linden Rd, Mineola	
NY	Creek Corp., The	P O Box 140, Roslyn	
NC	W A Brown & Assoc	1707 Princeton St, Winston-Salem	
Ohio	S Sterling Co	5827 Mayfield Rd, Cleveland	
Ohio	S Sterling Co	3308 S Dixie Rd, Dayton	
Ohio	Elliott-Sarles Co	23473 Concord Dr, Westlake	
Okla	T J Ray, Jr	3913 E 2nd Pl, Tulsa	
Pa	Polymetric Devices Co	P O Box 236, Glenside	
Pa	S Sterling Co	4232 Brownsville Rd, Pittsburgh	
Pa	Cowler-Knoop Co	835 Glenside Ave, Wyncote	
Tex	Alto Eng Sales Co	2730 W Mockingbird Ln, Dallas	
Tex	Southwest Electronic Industries	Meadows Bldg, Dallas	
Tex	Norvell Assoc	5605 Lemon Ave, Dallas	
Utah	Ormond Instrumentation Center	138 S 2nd St E, Salt Lake City	
Va	W A Brown & Assoc	3610 Mt Vernon Ave, Alexandria	
Wash	Harvey Lewinson Co	2211 E Terry Way, Seattle	
Wash	Testco	Boeing Field, Seattle	
Wash	Sextronics Inc	1718 Norman Pl, Seattle	
For	B H McGregor	P O Box 156, Sta "H" Toronto, Can	
	MICRODYNE INC	**1213 Washington St, Wilmette, Ill**	
	233-895		
	MICROFLECT CO INC	**3450 25th SE, Salem, Ore**	**EM3-1128**
	G Kreitzberg #2 *16 B 1135		
•	**MICROLAB**	**570 W. Mt. Pleasant Ave, Livingston, NJ**	**WY2-5700**
	R Hess #20 *140 E 50-670-845-895-1045-1135-1315-1355		
Ala	W A Brown & Assoc Inc	3405 Lookout Dr, Huntsville	JE6-8193
Cal	Jackson Edwards Co	Box 563, N Hollywood	TR7-9671
Cal	R L Pflieger Co	1852 Laurel St, San Carlos	LY1-0396
Colo	Hyde Electronics Co	888 S Logan St, Denver	WE6-3456
Fla	W A Brown & Assoc Inc	201 Cancer Rd, Indian River City	AM7-0411
Fla	W A Brown & Assoc Inc	104 E Gore Ave, Orlando	GA5-5682
Ill	Bent Assoc	328 Selbourne Rd, Riverside	HI7-7555
NM	Hyde Electronics	5206 Constitution Ave, Albuquerque	AM8-1111
NC	W A Brown & Assoc Inc	1707 Princeton St, Winston-Salem	PA5-5384
Ore	Burt Porter Co	Box 7854, Portland	AT4-1718
Utah	Hyde Electronics	2803 Commit St, Salt Lake City	IN7-5763
Va	W A Brown & Assoc Inc	3610 Mt Vernon Ave, Alexandria	TE6-1800
Wash	Burt Porter Co	1259 Poplar Pl, Seattle	EA3-8330
	MICROLECTRON INC	**1547 18th St, Santa Monica, Cal**	**EX3-0356**
	G Caldwell #3 *22 B 200-740-1475		
Cal	Ault & Wood Co	Box 1238, Arcadia	
Md	Angus-Sloane Assoc Inc	Cornell Hall, Annapolis	
NJ	Angus-Sloane Assoc Inc	Moorestown	
Pa	Angus-Sloane Assoc Inc	Moorestown, NJ	
	MICROMAG INSTRUMENT CORP	**115 Halleck St, Roxbury, Mass**	**HI2-3680**
	273-320-360-450-670-895-915-1145-1460-1855		
	MICROMECH MFG CORP	**695 Rahway Ave. Union, NJ**	**MU8-6323**
	J Sorrentino #2 *35 D 1075		
Cal	R E Unsinn	Box 1964, Downey	
Ind	R Schlacter Assocs	1730 Fox Hill Dr, Indpls	
	MICROMETRICAL MFG CO	**P. O. Box 1067, Ann Arbor, Mich**	**NO2-5626**
	F Kuhne #8 *90 E 330-895-1130-1850		
Ala	Bert Lewyn Co	1640 Moores Mill Rd, N.W., Atlanta 5, Ga	CE3-1920
Ariz	Quality Control Co	1366 N. Western Ave, L A 27, Cal	HO9-5385
Ark	Marshall Supply & Equipment Co	920 E. Archer St, Tulsa 1, Okla	LU4-5275
Cal	Brenner-Hamilton Corp	387 Utah Ave, S. San Francisco, Cal	JU9-2700
Cal	Quality Control Co	1366 N. Western Ave, L A 27, Cal	HO9-5385
Colo	Overgard Machine Tool Co	2045 W. 8th Ave, Denver 4, Colo	MA3-3141
Conn	Sterling Sales Inc	P.O. Box H, N. Grafton, Mass	PL2-5317
Del	J H Elliott Co	2101 New York NE, Wash 2	LA6-5510
DC	J H Elliott Co	2101 New York NE, Wash 2	LA6-5510
Fla	Bert Lewyn Co	1640 Moores Mill Rd, N.W., Atlanta, Ga	CE3-1920
Ga	Bert Lewyn Co	1640 Moores Mill Rd, N.W., Atlanta, Ga	CE3-1920
Idaho	Mine & Smelter Supply Co	121 W. 2nd St, S., Salt Lake City 1, Utah	EM3-2791
Ill	Size Control Co	2500 W. Washington Blvd, Chicago 12	MO6-6710
Ill	H O Monahan Co	1007 Yale Ave, St. Louis 17, Mo	ST1-6574
Ind	H L Seimont Co	2037 E. 46th St, Indianapolis 5, Ind	CL1-1051
Iowa	McNeal Tool & Supply Corp	107 13th St, NE, Cedar Rapids	EM5-4673
Iowa	Fuchs Machinery & Supply Co	2401 N. 11th St, Omaha 2, Neb	AT7050
Kan	Haman Machinery & Supply Inc	1923 Walnut St, Kansas City 8, Mo	VI2-3558
Ky	Woodall Sales & Service Co	Box 626, Far Hills Sta, Dayton 19, Ohio	AX9-3151
La	Richard & Holmes Machinery Inc	1124 S. Liberty St, New Orleans 13, La	JA5-7281
Me	Sterling Sales Inc	P.O. Box H, N. Grafton, Mass	PL2-5317
Md	J H Elliott Co	2101 New York Ave, N.E., Wash 2, DC	LA6-5510
Mass	Sterling Sales Inc	P.O. Box H, N. Grafton, Mass	PL2-5317
Mich	George Huber Co	12900 Timberline Rd, Southfield, Mich	KE3-5100
Mich	A D Schneider & Co	808 E. Grand River Ave, Lansing 6	IV4-4910
Minn	Service Tool & Engineering Co	121 S. 7th St, Minneapolis 15, Minn	FE9-8613
Miss	Shop Supply Co	208 Russell St, Nashville, Tenn	CH2-5313
Mo	H O Monahan Co	1007 Yale Ave, St. Louis 17, Mo	ST1-6574
Mo	Haman Machinery & Supply Inc	1923 Walnut St, Kansas City 8, Mo	VI2-3558
Mont	Overgard Machine Tool Co	2045 W. 8th Ave, Denver 4, Colo	MA3-3141
Neb	Fuchs Machinery & Supply Co	2401 N. 11th St, Omaha 2, Neb	AT7050
Nev	Mine & Smelter Supply Co	121 W. 2nd St, S., Salt Lake City 1, Utah	EM3-2791
NH	Sterling Sales Inc	P.O. Box H, N. Grafton, Mass	PL2-5317
NJ	Harry F Berkshire Co	428 Tenafly Rd, Tenafly, NJ	LO7-3800
NJ	C E Etzler Co	804 Roberts Ave, Drexel Hill, Pa	SU9-8535
NM	Overgard Machine Tool Co	2045 W. 8th Ave, Denver 4, Colo	MA3-3141
NY	Brown-Amco Corp	75 College Ave, Rochester 7, NY	BR1-4100
NY	Harry F Berkshire Co	428 Tenafly Rd, Tenafly, NJ	LO7-3800
NC	J H Elliott Co	1011 Johnston Bldg, Charlotte, NC	ED2-7097
ND	Service Tool & Engineering Co	121 S. 7th St, Minneapolis 15, Minn	FE9-8613
Ohio	Production Service Co	10000 Memphis Ave, Cleveland 9, Ohio	OR1-2530
Ohio	Woodall Sales & Service Co	Box 626, Far Hills Sta, Dayton 19, Ohio	AX9-3151
Okla	Marshall Supply & Equipment Co	920 E. Archer St, Tulsa 1, Okla	LU4-5275
Okla	Marshall Supply & Equipment Co	1241 W. Main St, Oklahoma City, Okla	FE9-1636
Ore	Portland Machinery Co	208 S. W. 1st St, Portland, Ore	CA8-3633
Pa	C E Etzler Co	804 Roberts Ave, Drexel Hill, Pa	SU9-8535
Pa	G C Wood Co	P. O. Box 8025, Pittsburgh 16, Pa	LO1-4777
RI	Sterling Sales Inc	P.O. Box H, N. Grafton, Mass	PL2-5317
SC	J H Elliott Co	1011 Johnston Bldg, Charlotte, NC	ED2-7097
SD	Service Tool & Engineering Co	121 S. 7th St, Minneapolis 15, Minn	FE9-8613
Tenn	Shop Supply Co	208 Russell St, Nashville, Tenn	CH2-5313
Tex	Southwestern Precision Sales Inc	3200 Dyer St, Dallas 5, Tex	EM3-1121
Tex	Tri-Tex Machine & Tool Co	903 S. 75th St, Houston 23, Tex	WA6-4643
Utah	Mine & Smelter Supply Co	121 W. 2nd St, S., Salt Lake City 1	EM3-2791
Vt	Sterling Sales Inc	P.O. Box H, N. Grafton, Mass	PL2-5317
Va	J H Elliott Co	2101 New York Ave, N.E., Wash 2, DC	LA6-5510
Wash	Campbell Industrial Supply Co	3133 Airport Way, Seattle 4, Wash	MA2-5567
W. Va	Woodall Sales & Service Co	Box 626, Far Hills Sta, Dayton 19, Ohio	AX9-3151
Wisc	Ford Tool Co	5830 W. Bluemound Rd, Milwaukee 13	SP4-0980
Wyo	Overgard Machine Tool Co	2045 W. 8th Ave, Denver 4, Colo	MA3-3141
Foreign	Sales Offices Representatives in All Principal Countries		
	MICRON GEAR CO., INC.	**73 Rushmore St, Westbury, NY**	**ED4-8880**
	M Amoroso *75 D 755		
Ohio	William Turner	628 Clifton Blvd, Toledo 7, Ohio	JE6-1191
Tex	King Koch	309 Meadows Bldg, Dallas 6, Tex	EM1-1765
	MICROPHASE CORP	**River Rd. Cos Cob, Conn**	**NO1-6200**
	C Schmulzle #9 *83 E 330-385-415-670-845-895-1135-1150-1425		
Ariz	Crane Assoc	15419 Keswick St. Van Nuys, Cal	STO-7972
Cal	Crane Assoc	15419 Keswick St. Van Nuys	STO-7972
Colo	Crane Assoc	15419 Keswick St. Van Nuys, Cal	STO-7972
Conn	Geist-Holtz Inc	220 5th St. Stamford	DA4-7309
Del	Eastern Instrumentation Inc	613 Cheltenham Ave, Phila 26, Pa	WA7-6209
DC	Eastern Instrumentation Inc	8616 Georgia Ave, Silver Spring, Md	JU9-0100
Fla	DuBovy Assoc	612 N Orange Ave, Orlando	CH1-1684
Ill	Kenneth W. Meyers Co	6713 N. Oliphant Ave, Chicago 31, Ill	SP4-6440
Ind	Kenneth W. Meyers Co	6713 N. Oliphant Ave, Chicago 31, Ill	SP4-6440
Iowa	Kenneth W. Meyers Co	6713 N. Oliphant Ave, Chicago 31, Ill	SP4-6440
Me	Geist-Holtz Inc	14 Wedgewood Rd, Natick, Mass	OL3-6510
Md	Eastern Instrumentation Inc	803 Ingleside Ave, Baltimore 28	RI4-3675
Mass	Geist-Holtz Inc	14 Wedgewood Rd, Natick	OL3-6510
Mo	Kenneth W. Meyers Co	6713 N. Oliphant Ave, Chicago 31, Ill	SP4-6440
NH	Geist-Holtz Inc	14 Wedgewood Rd, Natick, Mass	OL3-6510
NJ	Eastern Instrumentation Inc	613 Cheltenham Ave, Phila 26, Pa	WA7-6209
NJ	Eastern Instrumentation Inc	21-02 Northern Blvd, Bayside, NY	HA8-1661
NY	Geist-Holtz Inc	11 Robert Rd. Penfield	DU1-2002
NY	Eastern Instrumentation Inc	21-02 Northern Blvd. Bayside	HA8-1661
Ohio	Callaghan-Bach Inc	2289 Losantiville Rd, Cincinnati 13	RE1-8660
Ohio	Callaghan-Bach Inc	5005 Clark Ave, Cleveland 2	AT1-5700
Ohio	Electrical Specialties Co	3130 Valleywood Dr, Dayton 29	AX8-7461
Pa	Eastern Instrumentation Inc	613 Cheltenham Ave, Phila 26	WA7-6209
RI	Geist-Holtz Inc	14 Wedgewood Rd, Natick, Mass	OL3-6510
Utah	Crane Assoc	15419 Keswick St, Van Nuys, Cal	STO-7972
Vt	Geist-Holtz Inc	14 Wedgewood Rd, Natick, Mass	OL3-6510
Va	Eastern Instrumentation Inc	8616 Georgia Ave, Silver Spring, Md	JU9-0100
Wash	Crane Assoc	15419 Keswick St. Van Nuys, Cal	STO-7972
W Va	Eastern Instrumentation Inc	8616 Georgia Ave, Silver Spring, Md	JU9-0100
Wis	Kenneth W. Meyers Co	6713 N. Oliphant Ave, Chicago 31, Ill	SP4-6440
	MICROSECOND ELECTRONICS, INC	**3213 E. Washington, Phoenix, Ariz**	**BR5-0562**
	450-1830-1855		
Ariz	Samuel O Jewett Co	51E W. Vernon Ave, Scottsdale, Ariz	WH5-9711
Cal	Samuel O. Jewett Co	13111 Ventura Blvd, N. Hollywood, Cal	ST9-8103
Fla	Watson Associates	2621 Aloma Ave, Winter Park, Fla	MI7-7347
Me	Keyco Associates	Box 357, Farmington, Conn	OR7-1771
Md	W. R. Griffin Co	Box 15, Robelle Bldg, Spring House, Pa	MI6-8383
Mass	Keyco Associates	Box 357, Farmington, Conn	OR7-1771
NJ	P.R. Freeman & Co	93 Dogwood Ln, New Hyde Park, NY	FL4-1829
NJ	W.R. Griffin Co	Box 15, Spring House, Pa	MI6-8383
NY	P.R. Freeman & Company, Inc	93 Dogwood Ln, New Hyde Park, NY	FL4-1829
Pa	W.R. Griffin Co	Box 15, Spring House, Pa	MI6-8383
RI	Keyco Associates	Box 357, Farmington, Conn	OR7-1771
Vt	Keyco Associates	Box 357, Farmington, Conn	OR7-1771
Va	W.R. Griffin Co	Box 15, Spring House, Pa	MI6-8383
•	**MICROSONICS INC**	**Hingham Ind'l Center, Rt 3A, Hingham, Mass**	**RI9-3100**
	B O'Sullivan #6 *25 C 360-450		
Cal	M B Gilbert Co. Inc	Box 45924, LA 45	SP6-0371
Cal	M B Gilbert Co	3608 Centinela Ave, Inglewood 3, Cal	
NY	Young Assoc	807 Monroe Ave, Rochester	BR1-2130
	MICROTECH INC	**Hilldale Rd, Cheshire, Conn**	**BR2-3234**
	G Benedict #6 *70 D 45-285-325-385-670-845-895-1045-1125-1135-1385		
Ariz	Talley Industries, Inc	3422 W Century Blvd, Inglewood, Cal	OR8-7765
Cal	Talley Industries, Inc	3422 W Century Blvd, Inglewood	OR8-7765
Del	Robert L Gibson	5718 York Rd, Baltimore, Md	ID3-2613
DC	Robert T Gibson	5718 York Rd, Baltimore, Md	ID3-2613
Kan	T W Decamp	6425 E Kellogg, Wichita	MU4-7841
Md	Robert L Gibson	5718 York Rd, Baltimore 12	ID3-2613
Mass	Herb Berger	77 Wolcott St, Dorchester 21	CO5-2446
Mo	John B Pilkington	2828 Main St, Kansas City, Mo	
Mo	John & Hill	7603 Carondelet Ave, St. Louis, Mo	
NJ	J A Maguire & Co	722 Market St, Camden	WO6-3118
NC	Robert L Gibson	5718 York Rd, Baltimore, Md	ID3-2613
Ohio	Ed Schmidt	P.O. Box 72, Centerville, Ohio	TU5-2930
Pa	J A Maguire & Co	722 Market St, Camden, NJ	WO6-3118
Foreign	Dage Corp	219 E. 44th St, New York 17, NY	MU2-6755
•	**MICROTRAN CO., INC**	**145 E. Mineola Ave, Valley Stream, NY**	**LO1-6050**
	A Eisenberg #5 *80 E 320-1830-1855		
Ala	Sam Little Co	Box 308, East Point, Ga	PO1-5353
Alas	F H Haight Co	3212 Eastlake Ave, Seattle, Wash	EA2-1818
Ariz	Richard A. Strassner Co	1557 N. Western Ave, Los Angeles, Cal	HO3-5694
Ark	Dick Bellew Sales Co	314 Melrose, El Dorado	UN3-8325
Cal	Arthur L Bolton Co	1060 Evelyn St, Menlo Park	DA1-8251
Cal	Richard A. Strassner Co	1557 N. Western Ave, Los Angeles, Cal	HO3-5694
Colo	Thatcher Eng	1003 Saturn Dr, Colorado Springs	ME3-2050
Conn	Charles Segal Co	1282 Commonwealth Ave, Boston, Mass	BE2-4334
Del	Arnold Associates	528 Ryers Ave, Cheltenham, Phila, Pa	PI2-0600
DC	Arnold Associates	528 Ryers Ave, Cheltenham, Phila, Pa	PI2-0600
Fla	Jack Gaertner Co	235 Lincoln Rd, Miami Beach	JE1-0200
Ga	Sam Little Co	Box 308, East Point	PO1-5353
Idah	Thatcher Eng	1003 Saturn Dr, Colorado Springs, Colo	ME3-2050
Idaho	Fred H. Haight Co	3212 Eastlake Ave, Seattle, Wash	EA2-1818
Ill	Jerome H Kleker	177 Sunset Ave, Glen Ellyn	HO9-2297
Ill	William T. McGary	6635 Delmar Blvd, St. Louis, Mo	PA5-6430
Ind	Wright Engineering Corp	4241 Melbourne Rd, Indianapolis, Ind	WA3-8888
Iowa	William T. McGary	6635 Delmar Blvd, St. Louis, Mo	PA5-6430
Kan	William T. McGary	6635 Delmar Blvd, St. Louis, Mo	PA5-6430
Ky	William T McGary	6635 Delmar Blvd, St Louis, Mo	PA5-6430
Ky	Wright Engineering Corp	4241 Melbourne Rd, Indianapolis, Ind	WA3-8888
La	Dick Bellew Sales Co	314 Melrose, El Dorado, Ark	UN3-8325
Me	Charles Segal Co	1282 Commonwealth Ave, Boston, Mass	BE2-4334
Md	Arnold Associates	528 Ryers Ave, Cheltenham, Phila, Pa	PI2-0600
Mass	Charles Segal Co	1282 Commonwealth Ave, Boston, Mass	BE2-4334
Mich	F.A. Willard	7008 Rosemary, Dearborn, Mich	LO3-1256
Minn	Elmer O. Hagestad & Associates	4513 Laguna Dr, Minneapolis, Minn	WA2-2034
Miss	Dick Bellew Sales Co	314 Melrose, El Dorado, Ark	UN3-8325
Mo	William T. McGary	6635 Delmar Blvd, St. Louis, Mo	PA5-6430
Mont	Thatcher Eng	1003 Saturn Dr, Colorado Springs, Colo	ME3-2050
Mont	Fred H. Haight Co	3212 Eastlake Ave, Seattle, Wash	EA2-1818
Neb	Thatcher Eng	1003 Saturn Dr, Colorado Springs, Colo	
Neb	William T. McGary	6635 Delmar Blvd, St. Louis, Mo	PA5-6430
Nev	Bolton	1060 Evelyn St, Menlo Park, Cal	DA1-8251
Nev	Richard A. Strassner Co	1557 N. Western Ave, Los Angeles, Cal	HO3-5694
NH	Charles Segal Co	1282 Commonwealth Ave, Boston, Mass	BE2-4334
NJ	Arnold Associates	528 Ryers Ave, Cheltenham, Phila, Pa	PI2-0600
NJ	Ed Glass Assoc	250 W 57th St, NY, NY	JU6-8440
NM	Richard A. Strassner Co	1557 N. Western Ave, Los Angeles, Cal	HO3-5694
NY	Ed Glass Associates	250 W. 57th St, New York City, NY	JU6-8440
NY	Arthur L. Perkins Co	635 S. Warren St, Syracuse, NY	GR1-4829
NY	Al Friedman Associates	186-16 Jamaica Ave, Hollis, NY	SP6-4800
NC	Sam Little Co	Box 308, East Point, Ga	PO1-5353
ND	Elmer O. Hagestad & Associates	4513 Laguna Dr, Minneapolis, Minn	WA2-2034
Ohio	John O. Olsen Co	4038 Dott Ave, Cincinnati 36, Ohio	SY1-1297
Ohio	John O. Olsen Co	7870 Jolain Dr, Cincinnati 42, Ohio	TW1-6140
Ohio	John O. Olsen Co	18201 Shaker Blvd, Cleveland 20, Ohio	SK2-5444
Okla	Howell Sales Inc	235 SE 14th St, Grand Prairie, Tex	
Ore	Fred H. Haight Co	3212 Eastlake Ave, Seattle, Wash	EA2-1818
Pa	Arnold Associates	528 Ryers Ave, Cheltenham, Phila, Pa	PI2-0600
Pa	John O Olsen Co	1843 Maydell St, Pittsburgh, Pa	FI1-8391
Pa	John O. Olsen Co	1843 Maydell St, Pittsburgh, Pa	FL1-8391
RI	Charles Segal Co	1282 Commonwealth Ave, Boston, Mass	BE2-4334
SC	Sam Little Co	Box 308, East Point, Ga	PO1-5353
SD	Elmer O. Hagestad & Associates	4513 Laguna Dr, Minneapolis, Minn	WA2-2034
Tenn	Sam Little Co	Box 308, East Point, Ga	PO1-5353
Tex	Richard A. Strassner Co	1557 N. Western Ave, Los Angeles, Cal	HO3-5694
Tex	Howell Sales Inc	235 SE 14th St, Grand Prairie	
Utah	Thatcher Eng	1003 Saturn Dr, Colorado Springs, Colo	ME3-2050
Vt	Charles Segal Co	1282 Commonwealth Ave, Boston, Mass	BE2-4334
Va	Arnold Assoc	528 Ryers Ave, Cheltenham, Pa	PI2-0600
Wash	Fred H. Haight Co	3212 Eastlake Ave, Seattle, Wash	EA2-1818
W. Va	John O. Olsen Co	1843 Maydell St, Pittsburgh, Pa	FI1-8391
Wis	Kleker Co	177 Sunset Ave, Glen Ellyn, Ill	HO9-2297
Wis	Elmer O. Hagestad & Associates	4513 Laguna Dr, Minneapolis, Minn	WA2-2034
Wyo	Thatcher Eng	1003 Saturn Dr, Colorado Springs, Colo	ME3-2050
For	Dage Corp	219 E 44th St, NY, NY	MU2-6755
Can	Pallan Aircraft of Canada Ltd	132 Laird Dr, Toronto, Ont	
Canada	E.S. Gould Sales Co	353 St. Nicholas St, Montreal, Canada	AV8-5716

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	MICROTRON INC. PYROCIRCUITS DIV	**6 Manhasset Ave. Port Washington, NY**	**PO7-7610**
	J Davis #4 A 110-120-240-280-330-380-595-880-990-1075-1545-1855		
	MICROWAVE ASSOCIATES INC	**South Ave, Burlington, Mass**	**BR2-3000**
	M Rowe *600 F 500-670-895-1045-1135-1145-1545-1705-1880-1955		
Ala	Specialized Electronic Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
Ark	P J Scanlon	2608 Inwood Rd, Dallas 35, Tex	FL9991
Ark	P J Scanlon	1704 Crawford St, Houston 3, Tex	
Colo	Fred A Pease Co	4921 E. 38th Ave, Denver 4, Colo	DU8-4643
Conn	P J Engineering	P.O. Box 212, Watertown, Mass	WA4-5950
DC	Callas-Doss Electronics	1517 Ingleside Ave. Baltimore, Md	RI4-2466
Fla	W Ben Wimberly Co	532 S. Fort Harrison Ave, Clearwater, Fla	CL3-7072
Fla	W Ben Wimberly Co	203 N. Lucerne Circle, Orlando, Fla	GA5-3083
Ga	Specialized Electronic Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
Idaho	Fred A Pease Co	4921 E. 38th Ave, Denver 7, Colo	DU8-4643
Ill	Gassner & Clark Co	6644 N. Western Ave, Chicago 45, Ill	RO4-6121
Ind	Gassner & Clark	6644 N. Western Ave, Chicago 45, Ill	RO4-6121
Iowa	Gassner & Clark	6644 N. Western Ave, Chicago 45, Ill	RO4-6121
La	P J Scanlon Co	2608 Inwood Rd, Dallas 35, Tex	FL9991
La	P J Scanlon Co	1704 Crawford St, Houston 3, Tex	
Me	P J Engineering	P.O. Box 212, Watertown, Mass	WA4-5950
Md	Callas-Doss Electronics	1517 Ingleside Ave. Baltimore	RI4-2466
Mass	P J Engineering Sales Co	P.O. Box 212, Watertown, Mass	WA4-5950
Mich	Harvey Teplitz & Co	19942 Meister Rd, Detroit 19, Mich	KE7-9058
Minn	Engineering Products Associates	1821 University Ave, St. Paul 4, Minn	MI6-3443
Miss	Specialized Electronic Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
Mo	Kinnick Co	222 Olympia Dr, St. Louis 35, Mo	JA1-4877
NH	P J Engineering	P.O. Box 212, Watertown, Mass	WA4-5950
NM	Fred A Pease Co	4921 E. 38th Ave, Denver 7, Colo	DU8-4643
NY	Reed-Tollefson Corp	2815 Monroe Ave, Rochester 18, NY	HI5-0450
NY	Reed-Tollefson Corp	32 Main St, Alexander, NY	FI3-5898
NY	E R A Inc	340 Great Neck Rd, Great Neck, NY	HU2-9320
NC	Specialized Electronic Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
Ohio	Harvey Teplitz & Co	3543 Cornell Dr, Dayton 6, Ohio	CR7-9178
Ohio	Harvey Teplitz & Co	671 Sycamore Dr, Cleveland 32, Ohio	RE1-5676
Okla	P J Engineering	P.O. Box 212, Watertown, Mass	WA4-5950
Ore	Paratech	9210 28th N.W., Seattle 7, Wash	SU4-6447
RI	P J Engineering	P.O. Box 212, Watertown, Mass	WA4-5950
SC	Specialized Electronic	529 N. 18th St, Birmingham, Ala	FA4-1615
Tenn	Specialized Electronic	529 N. 18th St, Birmingham, Ala	FA4-1615
Tex	P J Scanlon Co	2608 Inwood Rd, Dallas 35, Tex	FL1-9991
Tex	P J Scanlon Co	1704 Crawford St, Houston 3, Tex	
Utah	Fred A Pease Co	4921 E. 38th Ave, Denver 7, Colo	DU8-4643
Vt	P J Engineering	P.O. Box 212, Watertown, Mass	WA4-5950
Va	Callas-Doss Electronics	1517 Ingleside Ave. Baltimore 7, Md	RI4-2466
Wash	Paratech	9210 28th N.W., Seattle 7, Wash	SU4-6447
Wisc	Gassner & Clark Co	6644 N. Western Ave, Chicago, Ill	RO4-6121
Wyo	Fred A Pease Co	4921 E. 38th Ave, Denver 7, Colo	DU8-4643
Foreign	Microwave International Corp	36 W. 44th St, New York 34, NY	YU6-2738
●	**MICROWAVE CHEMICALS LAB INC**	**282 7th Ave, New York 1, NY**	**WA4-6725**
	410-745-885		
Cal	Richard Capell Co., The	P O Box 1431, Palo Alto	DA1-2194
Cal	Richard Capell Co., The	P O Box 146, Grossmont	HO3-4490
Cal	The Richard Capell Co.	2639 S. La Cienaga Blvd, Los Angeles 34	UP0-8616
Ore	Richard Capell Co, The	P O Box 597, Renton, Wash	AL5-0401
Wash	Richard Capell Co., The	P O Box 597, Renton	AL5-0401
For	New Metals & Chemicals Corp. Ltd.	Box Central 565, Tokyo, Japan	201-6585
For	Microwave International Corp	36 W 44th St. New York 36, NY	YU6-2738
Foreign	New Metals & Chemicals Ltd	Chancery Ln, London WC2, England	HO7415
	MICROWAVE COMPONENTS, INC	**Doylestown, Pa**	**DI3-1800**
	500-845-1045-1135-1170		
●	**MICROWAVE CORP OF AMERICA**	**Box 278, Stamford, Conn**	**DA5-1536**
	J Hamre #9 *64 D 45-50-325-410-450-650-670-890-895-1045-1135-1685-1850		
	MICROWAVE DEVELOP LABS INC	**15 Strathmore Rd. Natick, Mass**	**CE5-6252**
	K Jefferies #60 *275 E 25-750-845-895-1135-1955		
Ala	Chad Knowlton Assoc	2662 NE 7th St. Pompano Beach, Fla	WH1-3142
Ariz	J E Hachten Co	1135 Huntington Dr. Arcadia, Cal	HI6-0048
Ariz	J.E. Hachten Co	8413 Las Tunas Dr, San Gabriel, Cal	CU3-7951
Cal	J.E. Hachten Co	8413 Las Tunas Dr, San Gabriel, Cal	CU3-7951
Cal	J E Hachten Co	1135 Huntington Dr. Arcadia	MU1-2361
Colo	Inland Associates	1003 Saturn Dr. Colorado Springs	ME3-2050
Conn	Salsbury Associates, Inc	87 Broadway, Hicksville, NY	WE8-1080
Del	Brimberg Associates, Inc.	1343 H St. NW, Washington 5, DC	DI7-4234
DC	Brimberg Associates, Inc.	1343 H St. NW, Washington 5	DI7-4234
Fla	Chad Knowlton Assoc	2662 NE 7th St. Pompano Beach	WH1-3142
Ga	Chad Knowlton Associates	2662 NE 7th St. Pompano Beach, Fla	WH1-3142
Ill	Inland Associates	6047 Howe Dr. Mission, Kan	ED2-2366
Ill	H G Pretat, Inc	4 N Cicero Ave. Chicago 44	CO1-3146
Ind	H G Pretat, Inc	2411 Drexal Ave. Fort Wayne	KE1-251
Kan	Inland Assoc	6047 Howe Dr. Mission	EN2-2366
Md	Brimberg Associates, Inc.	1343 H St. NW, Washington 5, DC	DI7-4324
Mich	M.P. O'Dell Co	10531 W. McNichols Rd, Detroit 21, Mich	UN2-1573
Mo	Inland Associates	25 S Bemiston Ave. Clayton 5	PA1-4435
Neb	Inland Associates	6047 Howe Dr. Mission, Kan	EN2-2366
NJ	Lewis Slubin & Co	2305 Fairmount Ave, Philadelphia, Pa	CE6-2072
NJ	Salsbury Associates, Inc	87 Broadway, Hicksville, NY	WE8-1080
NM	J.E. Hachten Co	8413 Las Tunas Dr, San Gabriel, Cal	CU3-7951
NM	J E Hachten Co	1135 Huntington Dr. Arcadia, Cal	HI6-0048
NY	Salsbury Associates, Inc	87 Broadway, Hicksville	WE8-1080
NY	D. B. Associates	Box 284, DeWitt, NY	GI6-0220
NY	D B Associates Inc	Buffalo	TF5-6186
NY	D B Associates Inc	Endicott	PI8-0832
NC	Southeastern Sales Co	PO Box 4103, Winston-Salem	PA4-1888
Ohio	M. P. O'Dell Co	26614 Center Ridge Rd, Westlake 1, Ohio	TR1-8000
Okla	Norvell Associates	3603 Lemmon Ave, Dallas 19, Tex	LA6-7861
Ore	J.K. Dooley Co	3215 Western Ave, Seattle 1, Washington	AT4-8313
Pa	Lewis Slubin & Co	2305 Fairmount Ave, Philadelphia 30, Pa	CE6-2072
SC	Southeastern Sales Co	PO Box 4103, Winston-Salem, NC	PA4-1888
Tenn	Southeastern Sales Co	PO Box 4103, Winston-Salem, NC	PA4-1888
Tex	Norvell Associates	3603 Lemmon Ave, Dallas 19, Tex	LA6-7861
Utah	Inland Associates	6047 Howe Dr. Mission, Kan	EN2-2366
Va	Brimberg Associates, Inc.	1343 H St. NW, Washington 5, DC	DI7-4234
Wash	J.K. Dooley Co	3215 Western Ave, Seattle 1, Washington	AT4-8313

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
W Va	Brimberg Associates, Inc.	1343 H St. NW, Washington 5, DC	DI7-4234
Wis	H G Pretat, Inc	4 N Cicero Ave. Chicago 44, Ill	CO1-3146
Can	Tech Associates	23 St. Thomas St. Toronto 5, Ont	WA3-8465
For	Dage Corporation	219 E 44th St. New York 17, NY	MU2-6755
	MICROWAVE DYNAMICS CORP	**5 Fairchild Ct. Plainview, NY**	**OV1-6811**
	A Artin #18 *82 D 50-385-500-515-670-700-895-1045-1135-1145-1150-1170-1340-1445		
Mass	Herbert Berger	27 Wolcott St. Dorchester	CO5-2446
NJ	Raymond Vincent	5 Manor Dr. Newark	ES4-2077
NY	Doolittle Electric Corp	Box 97, Fayetteville	NE7-3222
Ohio	Kurt W Schmidt & Assoc	Box 572, Centerville	TU5-2930
Tex	Howell Sales Inc	235 E. 14th St. Box 747 Grand Prairie	CR4-4530
For	EMEC	127 Grace St. Plainview, NY	WE1-3700
	MICROWAVE ELECTRONICS CORP	**4061 Transport St, Palo Alto, Cal**	**DA1-1770**
	E Rogers #18 *80 E 1135		
Cal	Fryco	355 N Scottsdale Rd. Scottsdale, Ariz	WH5-3281
Cal	Jay Stone & Associates	Box 583, Sunnyvale, Cal	YO8-2770
Cal	C W Swift & Associates	15166 Ventura Blvd, Sherman Oaks, Cal	TR3-2046
Ill	H G Pretat Inc	4 N. Cicero Ave, Chicago 44, Ill	CO1-3146
Ind	H G Pretat Inc	2511 Drexel Ave, Ft. Wayne, Ind	KE1251
Md	J-H Electronic Sales Co	Box 6844, Towson, Md	VA5-4441
Mass	George Gregory Associates	7 Erie Dr. Natick	OL5-1330
Minn	Scott Electronics Sales	5209 W 60th St. Mpls 24	WE9-2985
Mo	W E Fry & Co. Inc.	406 W 34th St. Kansas City	JE1-5236
NJ	CDB Enterprises	501 Broadway, Hicksville, NY	WE8-8644
NY	CDB Enterprises	501 Broadway, Hicksville, NY	WE8-8644
NY	Naco Electronics Corp	119 Luther Ave. Liverpool	GR4-7481
Tex	Texas Avionics Co	4514 Prentice St. Dallas 6	EM8-3566
Wash	Harry Levinson Co., The	1211 E Denny Way, Seattle 22	EA3-5100
For	Dage Corp	219 E 44th St. New York 17, NY	MU2-6755
	MICROWAVE SEMICONDUCTOR & INSTRUMENTS, INC	**116-06 Myrtle Ave. Richmond Hill 18, NY**	**HI1-6420**
	A Lederman #6 *12 A 25-50-500-845-885-895-1135		
Mass	S Galagan	30 Whittier Rd. Wellesley Hills 81	CE5-6530
Ohio	Bockenstedt Assoc	N. Dayton Sta. Box 175, Dayton 24	BE3-0849
Pa	Kessler Assoc	31 Larkspur Rd. Levittown	WI5-0350
	MID-CONTINENT SCREW PRODS CO	**5843 N Broadway, Chicago 40, Ill**	**LO1-9535**
	E 125-1205-1225-1490-1535-1940		
	MID-EASTERN ELECTRONICS INC	**32 Commerce St, Springfield, NJ**	**DR6-7130**
	L Oakley #6 *27 D 195-330-895-1135-1340-1455		
Ala	Ridge Instrument Co	208 Lincoln St SE, Huntsville	JE9-8831
Ark	Daytronics, Inc	3333 W Alabama, Houston 6, Tex	JA4-6561
Cal	G H Vaughan Co	P O Box 1235 Palo Alto	DA1-1347
Cal	George H Vaughan Co	2366 E. Fthll Blvd, Pasadena, Cal	SY5-4420
Colo	Longstreet Smith Assoc Inc	1013 15th St, Denver 2, Colo	KE4-5091
Conn	Michael S Coldwell, Inc	195 W Main St, Avon, Conn	OR7-9797
DC	Houser Associates	188 Water St, Perth Amboy, NJ	HI2-3159
Del	J E Cuesta Co	Wedge Bldg, Paoli, Pa	NI4-6020
Fla	Candor Co., The	108 Hillcrest Ave, Orlando, Fla	GA2-9848
Ga	Candor Co., The	2080 Beech St, Winston-Salem, NC	PA2-1432
Idaho	Eicher & Co	5 W. Harrison St, Seattle 99, Wash	AT4-1811
Ill	Kenneth W Meyers	6713 N. Oliphant Ave, Chicago 31, Ill	SP4-6440
Ill	Zak & Assoc Inc	7730 Carondelet, St Louis 5, Mo	PA7-8559
Ind	Kenneth W Meyers	6713 N. Oliphant Ave, Chicago 31, Ill	SP4-6440
Iowa	Zak & Assoc Inc	7730 Carondelet, St Louis 5, Mo	PA7-8559
Kan	Zak & Assoc Inc	7730 Carondelet, St Louis 5, Mo	PA7-8559
Ky	Lowrey Dietrich Co	333 W. First St, Dayton 2, Ohio	BA3-6042
La	Daytronics, Inc	3333 W Alabama, Houston 6, Tex	JA4-6561
Me	Michael S Coldwell, Inc	195 W Main St, Avon, Conn	OR7-9797
Md	Houser Associates	188 Water St, Perth Amboy, NJ	HI2-3159
Mass	Michael S Coldwell Inc	41 Lancaster Rd, Needham 92, Mass	HI4-1142
Mich	J L Pierce Co	16666 James Couzens Hwy, Detroit 21	UN2-2571
Minn	Kenneth W Meyers Co	6713 N Oliphant Ave, Chicago 31, Ill	SP4-6440
Mo	Zak & Assoc Inc	7730 Carondelet, St Louis 5, Mo	PA7-8559
Neb	Zak & Assoc Inc	7730 Carondelet, St Louis 5, Mo	PA7-8559
Nev	George H Vaughan Co	2366 E. Foothill Blvd, Pasadena, Cal	SY5-4420
NH	Michael S Coldwell, Inc	195 W Main St, Avon, Conn	OR7-9797
NJ	Land-C-Air Sales Co	308 Springfield Ave, Summit	CR7-0440
NM	Longstreet Smith Assoc Inc	2708 Carol, N.E., Albuquerque, NM	AX9-8013
NY	Land-C-Air Sales Co	State Tower Bldg, Syracuse, NY	HA2-4811
NY	Land-C-Air Sales Co	308 Springfield Ave, Summit, NJ	CR7-0440
NC	Candor Co., The	2080 Beech St, Winston-Salem, NC	PA2-1432
Ohio	Lowry Dietrich Co	316 Marion Bldg, Cleveland 13, Ohio	SU1-1855
Ohio	Lowry Dietrich Co	333 W. First St, Dayton 2, Ohio	BA3-6042
Okla	Daytronics, Inc	3333 W Alabama, Houston 6, Tex	JA4-6561
Ore	Eicher & Co	5 W. Harrison St, Seattle 99, Wash	AT4-1811
Pa	Lowry Dietrich Co	1404 Swantek St, Pittsburgh 4, Pa	WA1-2959
Pa	J E Cuesta Co	Wedge Bldg, Paoli, Pa	NI4-6020
RI	Michael S Coldwell, Inc	195 W Main St, Avon, Conn	OR7-9797
SC	Candor Co., The	2080 Beech St, Winston-Salem, NC	PA2-1432
Tenn	Ridge Instrument Co	140 E Division St, Oak Ridge, Tenn	483-1311
Tex	Daytronics, Inc	3333 W Alabama, Houston 6	JA4-6561
Tex	Daytronics, Inc	3701 Craigmont Ave, Dallas 5	LA8-7362
Utah	Longstreet Smith Assoc Inc	1013 15th St, Denver 2, Colo	KE4-5091
Vt	Michael S Coldwell, Inc	195 W Main St, Avon, Conn	OR7-9797
Va	Houser Associates	188 Water St, Perth Amboy, NJ	HI2-3159
Wash	Eicher & Co	5 W. Harrison St, Seattle 99, Wash	AT4-1811
W Va	Houser Associates	188 Water St, Perth Amboy, NJ	HI2-3159
Wisc	Kenneth W Meyers	6713 N. Oliphant Ave, Chicago 31, Ill	SP4-6440
Wyo	Longstreet Smith Assoc Inc	1013 15th St, Denver 2, Colo	KE4-5091
Foreign	Societa Italiana Elettronica SRL	Via Matteo Bandello 4 1/2, Milano, It	463.978
	MIDDLESEX PAPER TUBE CO	**345 Chelmsford St. Lowell, Mass**	**GI7-7687**
	J Porter D 135-715-900-1220-1890		
Conn	Middlesex Paper Tube Co	2525 Main St, Bridgeport, Conn	FO7-5668
NY	Middlesex Paper Tube Co	261 Broadway, New York, NY	CO7-3207
Pa	Middlesex Paper Tube Co	278 S. 60th St, Philadelphia, Pa	GR4-2550
●	**MIDGET LOUVER CO**	**6-8 Wall St, Norwalk, Conn**	**VO6-2342**
	*6 1065		
	MIDLAND INDUSTRIAL DIV HARRISON PAINT & VARNISH CO	**1329 Harrison Ave, S.W., Canton 1, Ohio**	**GL5-5125**
	P Sullivan *75 E 580-1240-1930		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	MIDLAND INDUSTRIAL FINISHES CORP	**Dept 1-20, Waukegan, Ill**	**MA3-4200**
	G Betzel #16 *100 E 315-580-975-1240-1930		
	MIDLAND MFG. CO.	**3155 Fiberglas Rd, Kansas City 16, Kan**	**FI2-7950**
	H Humann #12 *350 E 410-415-670		
Ariz	Fryco	355 N Scottsdale Rd. Scottsdale	WH5-3281
Cal	S L Spraggins Co	16042 Ventura Blvd. Encino	ST8-6661
Cal	L A Nott & Co	1061 Howard St. S F	HA1-4738
Conn	Dan Greene Organization, Inc., The	1955 Mass Ave. Cambridge, Mass	UN4-2220
DC	Robert Finlay, Jr.	PO Box 29, Lutherville, Md	VA3-9086
Fla	Mark Electronics Sales Co	410 NE 147th Terrace, Miami 61	WI7-5080
Ind	Southern Sales Co	PO Box 105, Angola	AN777
Ky	Southern Sales Co	PO Box 105, Angola, Ind	AN777
Me	Dan Greene Organization, Inc., The	1955 Massachusetts Ave, Cambridge, Mass	UN4-2220
Md	Robert Finlay	307 Lincoln Bldg, Ridgewood, NJ	OL2-0088
Mass	Dan Greene Organization, Inc., The	1955 Mass Ave. Cambridge	UN4-2220
Nev	L A Nott & Co	1061 Howard St. S F, Cal	HA1-4738
NH	Dan Greene Organization, Inc., The	1955 Mass Ave. Cambridge, Mass	UN4-2220
NJ	Robert Finlay	307 Lincoln Bldg. Ridgewood	OL2-0088
NM	Fryco	355 N Scottsdale Rd. Scottsdale, Ariz	WH5-3281
NY	Reed-Tollefson Corp	2815 Monroe Ave. Rochester	FR3-2767
Ohio	Paul Sales Co., The	2609 Broadway, Ft Wayne, Ind	HA0589
Pa	Paul Sales Co., The	2609 Broadway, Ft Wayne, Ind	HA0589
Pa	Robert Finlay	307 Lincoln Bldg. Ridgewood, NJ	OL2-0088
Tex	Lawrence Sales Co.	3422 Cridelle St. Dallas	FL2-7484
Vt	Dan Greene Organization, Inc., The	1955 Mass Ave. Cambridge, Mass	UN4-2220
Va	Robert Finlay	307 Lincoln Bldg. Ridgewood, NJ	OL2-0088
W Va	Robert Finlay	307 Lincoln Bldg. Ridgewood, NJ	OL2-0088
	MIDWEST AUDIO CORP	**3800 W. North Ave, Chicago 47, Ill**	**CA7-3222**
	B Miller #3 *12 B 55-185-190-895-1425-1435		
For	Overseas Industries	431 S Dearborn St, Chicago, Ill	
	MID-WEST COIL & TRANSFORMER CO	**1642 N. Halsted, Chicago 14, Ill**	**MI2-4055**
	1855		
Cal	B Polayes	10805-7 Chandler Blvd, N. Hollywood	ST7-1385
Fla	Johnson Associates of Florida	P.O. Box 1675, Casselberry, Fla	MI4-3311
Ind	William A Meily Co	4017 S. Harrison St, Ft. Wayne, Ind	KE2461
Md	Henry G Richter Inc	467 Hillside Ave, Westfield, NJ	AD3-4615
Mass	Henry G Richter Inc	467 Hillside Ave, Westfield, NJ	AD3-4615
Mich	Wm A Meily Co	4017 S. Harrison St, Ft. Wayne, Ind	KE2461
NY	Servwel Products	270 Lafayette St, New York, NY	CA6-7468
NY	Bowser & Sapecky Associates	2070 Sheridan Dr, Kenmore 23, NY	DE0484
Ohio	Wm A Meily Co	4017 S. Harrison St, Ft. Wayne, Ind	KE2461
	MIDWEST ELECTRIC PRODUCTS INC	**1515 N. Front St, Mankato, Minn**	**8-2919**
	H Neubauer #1 *40 D 1855		
Ark	Malcolm Kueneman	1113 Soears St, West Memphis	RE5-3017
Cal	Walter W Corman	7432 W. 80th St, Los Angeles 45, Cal	ORO-2520
Cal	Howard & Goapp Co	1301 6th St, San Francisco 7, Cal	MA1-6759
Colo	R & M Sales Co	2214 S. Clayton St, Denver 10, Colo	SK7-2771
Colo	I W Strong	P.O. Box 419, Littleton, Colo	PY8-1589
Fla	Frank C McPherson	6417 7th Ave, St. Petersburg, Fla	DI1-6361
Ga	Wm F Bishop	203 Walker St SW, Atlanta 3	JA4-8491
Ill	Robert L Kanter Co	4516 Jackson, Hillside, Ill	LI4-5884
Iowa	Bixler-O'Dougherty Sales	1403 Linden Lane, Des Moines 15	AT2-2825
La	E P Jones	358 Sauve Rd, New Orleans 23, La	KE4-6471
Mass	E P McEleney & Co	310 West St, Hyde Park 36, Mass	HY3-5259
Mich	Howard E Mahaffey	12326 Hamilton Ave, Highland Park 3	TO8-5421
Minn	Marv J Pelletier	1015 N. 3rd St, Minneapolis, Minn	FE2-4369
Mo	Ajax Electrical Sales Co	1824 S. 18th St, St. Louis 4, Mo	PR3-4139
Mo	J W Gatchell Co	407 Broadway, Kansas City 5, Mo	BA1-4716
NJ	Arthur G Adams	150 Baker Ave, Bergenfield, NJ	DU4-4569
NM	Electric Locator & Sales	3921 Delamar, N.E., Albuquerque, NM	DI4-7129
NY	John R Vogt	9 Green St, Cazenovia, NY	OL5-8675
NC	Edward W Fishburne	P.O. Box 2407, Greensboro, NC	2-0620
Ohio	Westerkamp & Associates	5643 Maple Ridge Dr, Cincinnati 27, Ohio	
Ore	Wayne C Wells	6055 N.E. Glisan, Portland 13, Ore	BE5-2437
Pa	Deitch Electric Co	2133 Chalfant St, Pittsburgh 21, Pa	CH1-5034
Pa	Peter Jacobson	737 Suffolk Rd, Jenkintown, Pa	SA7-4300
Tenn	Charles B Turbyville	935-1 Woodland Ave, Knoxville, Tenn	5-0568
Tex	John A Kiss Metal Products	1316 N. Conwell, Dallas, Tex	TA6-5303
Va	Hugh T Snapp	600 Horsepen Rd, Richmond 26, Va	AT2-5068
	MIDWEST FOAM PRODUCTS CO	**1632 Chicago Ave. Evanston, Ill**	**DA8-6905**
	B Tesch *200 985-1220-1230-1290		
	MIDWEST METAL PRODUCTS INC	**450 E. Donovan Rd, Kansas City 5, Kan**	**MA1-1900**
	J Minzey Jr #5 *75 D 180-230-520-1245-1390		
	MIDWEST MOLDING & MFG CO	**Gurnee, Ill**	**ON2-1320**
	J Murphy #2 *65 E 715-1290-1485		
Cal	Roy Silverman	1316 N. Laurel Ave, Los Angeles 46, Cal	DU7-3265
Mich	J L Montgomery Co	P O Box 95, Birmingham, Mich	MI6-6894
Mo	Hippler Sales Co	1135 Sheshire Lane, Webster Groves 19	WO1-8499
NJ	W R Punt Co	P O Box 178, Floral Park, NY	2-1742
NY	G J Andres	Box 3803, Rochester 10, NY	BR1-2200
NY	W R Print Co	P.O. Box 178, Floral Park, NY	FL2-1742
Ohio	Robert R Stone & Associates	1925 Lee Rd, Cleveland Heights 18, Ohio	ER1-4484
	MID WEST SPRING MFG CO	**4632 S. Western Ave, Chicago, Ill**	**LA3-1743**
	J Dunne Jr #11 *300 E 1690-1700-1970		
Ala	C E Hall & Assoc	P O 2737, Memphis, Tenn	
Ariz	E C Wild Co	1163 S. Cherokee, Denver 23, Colo	SH4-1253
Ark	C E Hall & Assoc	P O 2737, Memphis, Tenn	
Colo	E C Wild Co	1163 S. Cherokee, Denver 23, Colo	SH4-1253
Ga	C E Hall & Assoc	P O 2737, Memphis, Tenn	
Ill	W C Bloom Co	1618 Winthrop Ln, Rockford, Ill	
Ill	Milton Bishop	2014 North St, Logansport, Ind	4452
Ind	Milton Bishop	2014 North St, Logansport, Ind	4452
Iowa	W C Bloom Co	1618 Winthrop, Rockford, Ill	
Kan	Boyd Baker	5337 Wayne St, Kansas City 10, Mo	HI4-2076
Mich	Robert Anderson	2177 Bourdon, Muskegon, Mich	
Minn	C A Rademacher	906 N. Dale St, St. Paul 4, Minn	HU8-2521
Miss	C E Hall & Assoc	P O 2737, Memphis, Tenn	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Mo	Teasdale Associates	364 N. Meramec, Clayton 5, Mo	PA7-2212
NM	E C Wild Co	1053 S. Cherokee, Denver, Colo	SH4-1253
Ohio	L Schneider	Elm St, Mentone, Ind	EL3-2415
Tenn	C E Hall & Assoc	P O 2737, Memphis, Tenn	
Utah	E C Wild Co	1053 S. Cherokee, Denver, Colo	SH4-1253
Wisc	J Rodenacher	[illegible] N. Chicago Ave, S. Milwaukee, Wisc	
Canada	J Pernin Co	[illegible] Royal Bank Bldg, Winnipeg, Canada	931033

MIDWESTERN INSTRUMENTS ... Box 7509, Tulsa 18, Okla ... NA7-1111
C Limerick #3 *500 E 25-330-[illegible]-895-1435-1470-1920

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	E C Lamb & Assoc	207 E Paces Ferry Rd NE, Atlanta, Ga	PL5-5781
Ariz	Space Data Inc	9921 Sepulveda Ave, Los Angeles, Cal	OR8-6279
Cal	Space Data Inc	9921 Sepulveda Ave, Los Angeles, Cal	OR8-6279
Colo	Space Data, Inc	651 S Jason, Denver 23	SH4-2311
Conn	Space Data Inc	1370 Eaton Ct, Denver 14, Colo	VA2-2624
Conn	Technical Instruments Inc	1115 Main St, Bridgeport, Conn	FO8-4582
Del	F R Jodon, Inc	4922 St Elmo Ave, Bethesda 14, Md	OL2-5110
DC	F R Jodon, Inc	4922 St Elmo Ave, Bethesda 14, Md	OL2-5110
Fla	E C Lamb & Assoc	207 E Paces Ferry Rd NE, Atlanta, Ga	PL5-5781
Ga	E C Lamb & Assoc	207 E Paces Ferry Rd NE, Atlanta	PL5-5781
Idaho	Space Data Inc	9921 Sepulveda Ave, Los Angeles, Cal	OR8-6279
Kan	Space Data, Inc	651 S Jason, Denver 23, Colo	SH4-2311
La	Instrumentation Sales Co	2129 Delaware Ave, Kenner	
Me	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
Md	F R Jodon, Inc	4922 St Elmo Ave, Bethesda 14	OL2-5110
Mass	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
Mich	M P Odell Co	13131 W. McNichols Rd, Detroit 21, Mich	UN2-1573
Miss	Instrumentation Sales Co	2129 Delaware Ave, Kenner, La	
Nev	Space Data Inc	9921 Sepulveda Ave, Los Angeles, Cal	OR8-6279
NH	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
NJ	Tek-Sel Inc	54 Route 17, Paramus, NJ	HU9-7210
NM	R K Oglesbee & Assoc	2302 10th St, Alamogordo	HE7-3340
NY	Advanced Components Corp, Inc	119 Luther Ave, Liverpool	GR2-7886
NY	Tek-Sel Inc	54 Route 17, Paramus, NJ	HU9-7210
NY	Tek-Sel, Inc	54 Rt 17, Paramus, NJ	HU9-7210
NC	E C Lamb & Assoc	207 E Paces Ferry Rd NE, Atlanta, Ga	PL5-5781
Ohio	M P Odell Co	2578 Salem Ave, Dayton 6, Ohio	CR7-4441
Ohio	M P Odell Co	29614 Center Ridge Rd, Westlake, Ohio	TR1-8000
Ore	Space Data Inc	9921 Sepulveda Ave, Los Angeles, Cal	OR8-6279
Pa	Tek-Sel Inc	54 Route 17, Paramus, NJ	HU9-7210
Pa	M P Odell Co	750 Penn Ave, Pittsburgh 21, Pa	FR1-1231
RI	Technical Instruments Inc	1115 Main St, Bridgeport, Conn	FO8-4582
SC	E C Lamb & Assoc	207 E Paces Ferry Rd NE, Atlanta, Ga	PL5-5781
Tenn	E C Lamb & Assoc	207 E Paces Ferry Rd NE, Atlanta, Ga	PL5-5781
Tex	Trinity Materials	600 Bailey St, Ft. Worth, Tex	ED5-4774
Utah	Space Data Inc	995 Folsom Ave, Salt Lake City 4, Utah	DA2-2041
Vt	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
Va	F R Jodon, Inc	4922 St Elmo Ave, Bethesda 14, Md	OL2-5110
Wash	Space Data Inc	9921 Sepulveda Ave, Los Angeles, Cal	OR8-6279
W. Va	M P Odell Co	750 Penn Ave, Pittsburgh 21, Pa	FR1-1231
Wyo	Space Data, Inc	651 S Jason, Denver 23, Colo	SH4-2311
Canada	Electronic Materials Int'l Ltd	342 Gladstone Ave, Ottawa, Canada	CE6-7140
Foreign	Rocke International Corp	13 E. 40th St, New York 16, NY	MU9-0200

MILFORD RIVET & MACHINE CO ... 857 Bridgeport Ave. Milford, Conn ... TR8-4631
#12 *500 F 1075-1490

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	William M Coms Co	PO Box 704, Ross	GL4-7286
Cal	A R Hersell	[illegible] Rio Vista Ave. Los Angeles 23	AN3-5567
Colo	Fred A Pease Co	[illegible] E. 30th Ave, Denver 7, Colo	DU8-4643
Conn	Harry W School	[illegible] Ave, Stratford, Conn	ED7-9647
Ill	H F [illegible] Co	5413 W. Diversey Ave, Chicago 39, Ill	BE7-1020
Mass	G W Byron	77 Greenhill Rd, Westwood, Mass	NO7-2878
Mich	W T Petersen Co	[illegible] Van Dyke Ave, Warren	SL4-8600
Minn	J R Sanders	77 N Milton St, St Paul 4	MI9-3396
Mo	Zak & Associates Inc	7730 Carondelet, St. Louis 5, Mo	PA7-8559
NJ	Gordon V Oldham Corp	744 Broad St, Newark 2	MA2-7990
NY	W T Stevenson	[illegible] Harvard St, Rochester [illegible]	BR1-2200
NY	Gordon V Oldham Corp	744 Broad St, Newark 2, NJ	MA2-7990
NC	Barker Instrument & Machine Co	1928 Cleveland Ave, Charlotte 3, NC	ED4-1222
Ohio	Ralph W Davis	P.O. Box 322, Toledo [illegible], Ohio	TR4-5304
Ohio	W J Gamble	Cleveland Hopkins Airport, Cleve 35	WI1-7756
Ohio	A C Wald Co	121 Mill St, Lockland, Cinn 15, Ohio	VA1-3270
Pa	Riley & Aldrich Inc	615 Greenwood Ave, Jenkintown, Pa	TU4-1708
Pa	T S Hughes	1007 McCartney St, Pittsburgh 20, Pa	WA1-5171
Tenn	L E Orfutt Co, Inc	1402 S Pallette St, Memphis	BR4-0235
Tex	Tevis-Barrie Inc	2712 W. Mockingbird Ln, Dallas, Tex	FL2-6084
Wash	The National Co	71 Marion St, Seattle, Wash	MU2450
Wisc	G K Tollman	611 Main St, Racine, Wisc	ME2-2345

MILGO ELECTRONIC CORP ... 7620 NW 36th Ave. Miami 47, Fla ... OX1-1220
D McKey #40 *250 E 325-338-365-895-1610

MILLARD ELECTRIC LTD ... Perth, Ont ... 144
J Millard #1 *15 B 45

MILLEN MFG CO., INC., JAMES ... 150 Exchange St, Malden, Mass ... DA4-4100
E Williams *500 60-100-210-220-225-240-285-300-320-345-390-450-670-715-790-895-905-925-1055-1135-1150-1200-1290-1315-1320-1325-1340-1575-1580-1630-1780-1785-1855-1870

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	Bert Knight Co	10377 W. Pico Blvd, Los Angeles, Cal	BR2-0101
Cal	Worthrop & Hunter	165-11th St, San Francisco, Cal	UN3-7880
Conn	Gerber Sales Co, Inc	46 Pearl St, Brookline, Mass	BE2-2425
DC	L D Lowery Inc	4508 Annapolis Rd, Bladensburg, Md	UN4-4722
Ill	G G Ryan	[illegible] Maryland Ave, Chicago, Ill	TR4-8074
Ill	E C Carlson	6677 N. Northwest Hwy, Chicago, Ill	SP4-0277
Ind	MacNeill Schneider & Loomis	600 E. 64th St, Indianapolis, Ind	CL5-6770
Kan	Kelly Schmitz Wheeler Associates	7559 Broadway, Kansas City, Mo	EM1-5651
Me	Gerber Sales Co., Inc	46 Pearl St, Brookline, Mass	BE2-2425
Md	L D Lowery Inc	4508 Annapolis Rd, Bladensburg	EN9-4722
Mass	Gerber Sales Co., Inc	46 Pearl St, Brookline, Mass	BE2-2425
Minn	Kelly Schmitz Wheeler Associates	7559 Broadway, Kansas City, Mo	EM1-5651
Mo	Kelly Schmitz Wheeler Associates	7559 Broadway, Kansas City, Mo	EM1-5651
Neb	Kelley Schmitz Wheeler Associates	7559 Broadway, Kansas City, Mo	EM1-5651
NH	Gerber Sales Co., Inc	46 Pearl St, Brookline, Mass	BE2-2425
NJ	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	TR7-1212
NJ	John S Ebert Associates Inc	50 Main St, Port Washington, NY	PO7-0470
NY	John S Ebert Associates Inc	50 Main St, Port Washington, NY	PO7-0470
Pa	L D Lowery Co, Inc	50 E. Wynnewood Rd, Wynnewood	MI2-9100

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
RI	Gerber Sales Co, Inc	46 Pearl St, Brookline, Mass	BE2-2425
Tex	Jack Yount Co	1431 Pleasant Dr. Dallas	EX1-1631
Vt	Gerber Sales Co	46 Pearl St, Brookline, Mass	BE2-2425
Va	L D Lowery Co. Inc	Bladensburg, Md	
Can	H Roy Gray Ltd	46 Danforth Rd, Toronto, Ont	699-2547
Foreign	Technical Equipment Co	Main & Milton Sts, Rahway, NJ	FU8-7192

MILLER ELECTRIC CO ... 120 Main St, Pawtucket, RI ... PA5-0420
C Miller 375-1315-1960

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Melloy Sales	2643 Kingston Pk. SW. Knoxville, Tenn	522-5911
Ark	Melloy Sales	2643 Kingston Pk. SW, Knoxville, Tenn	522-5911
Conn	Elect. Mfgrs. Service	265 Church St. New Haven 10	UN5-9104
Del	Elect. Mfgrs. Service	201 S. Broadway, Camden 3, NJ	WO4-8014
DC	Elect. Mfgrs. Service	201 S. Broadway, Camden 3, NJ	WO4-8014
Fla	Melloy Sales	2643 Kingston Pk. SW, Knoxville, Tenn	522-5911
Ga	Melloy Sales	2643 Kingston Pk. SW, Knoxville, Tenn	522-5911
Ill	J P Sutton & Son Inc	3919 Wesley Terrace-Schiller Pk	NA5-8383
Ind	Floyd E Menze	729 W. Packard Ave. Ft. Wayne	KE3171
Ky	Floyd E Menze	729 W. Packard Ave. Ft. Wayne, Ind	KE3171
La	Melloy Sales	2643 Kingston Pk. SW. Knoxville, Tenn	522-5911
Me	Elect. Mfrs. Service	660 Main St. Waltham, Mass	TW3-0100
Md	Elect. Mfrs. Service	201 S. Broadway, Camden 3, NJ	WO4-8014
Mass	Mfrs. Service	680 Main St. Waltham	TW3-0100
Minn	J P Sutton & Son Inc	3919 Wesley Terrace-Schiller Pk. Ill	NA5-8383
Miss	Melloy Sales	2643 Kingston Pk. SW. Knoxville, Tenn	522-5911
NH	Elect. Mfrs. Service	680 Main St. Waltham 54, Mass	TW3-0100
NJ	Elect. Mfrs. Service	18 Yale St. Nutley 10	NO7-2541
NY	Elect. Mfrs. Service	105 Hillside Ave. Williston Park	PI2-1616
NC	Melloy Sales	2643 Kingston Pk. SW. Knoxville, Tenn	522-5911
Ohio	Roy Pressler	302 Mellett Bldg. Canton 2	GL4-8008
Pa	Elect. Mfrs. Service	201 S. Broadway, Camden 3, NJ	WO4-8014
RI	Elect. Mfrs. Service	265 Church St. New Haven, Conn	UN5-9104
SC	Melloy Sales	2643 Kingston Pk. SW. Knoxville, Tenn	522-5911
Tenn	Melloy Sales	2643 Kingston Pk. SW. Knoxville	522-5911
Vt	Elect. Mfrs. Service	680 Main St. Waltham 54, Mass	TW3-0100
Va	Elect. Mfrs. Service	201 S. Broadway, Camden 3, NJ	WO4-8014
W Va	Roy J Pressler	302 Mellett Bldg. Canton 2, Ohio	GL4-8008
Wis	J P Sutton & Son Inc	3919 Wesley Terrace-Schiller Pk. Ill	NA5-8383

MILLER ELECTRO-RESEARCH LABS 5529 S 5th St, Milwaukee 7, Wis ... HU3-6303
A Miller #1 *2 A 1475

• **MILLER FORM TOOL CO., INC** ... 45 E Sharon St. LeCenter, Minn
E Miller #1 *20 A 1125

MILLER-HARRIS INSTRUMENT CO 1134 S. 1st St, Milwaukee 4, Wisc ... EV3-7256
J Harris #2 *35 C 1810

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	James M Wolozyner	544 Market St, San Francisco 4, Cal	GA1-7700
Cal	Ed Warburg Co., Inc	1207 E. 8th St, Los Angeles, Cal	
Del	Charles W Thomas Co	4540 North St, Philadelphia 24, Pa	DE3-6900
DC	Charles W Thomas Co	4540 North St, Philadelphia 24, Pa	DE3-6900
Fla	W Chester Smith	[illegible] E. Broward Blvd, Ft. Lauderdale	JA4-7172
Ill	Richard E Greene	569 Melville, St. Louis, Mo	PA6-2666
Ind	Willard Spenser Co	20144 Livernois, Detroit 21, Mich	UN3-5189
Iowa	Richard E Greene	569 Melville, St. Louis 30, Mo	PA6-2666
Ky	Willard Spenser Co	20144 Livernois, Detroit 21, Mich	UN3-5189
Md	Charles W Thomas Co	4540 North St, Philadelphia 24, Pa	DE3-6900
Mich	Willard Spenser Co	20144 Livernois, Detroit 21, Mich	UN3-5189
Minn	Richard Harry Evans	[illegible] S. Wayzata, Minn	
Mo	Richard E Greene	569 Melville, St. Louis 30	PA6-2666
NJ	Charles W Thomas	4540 North St, Philadelphia 24, Pa	DE3-6900
NY	Niagara Electric Sales Co	505 Delaware Ave, Buffalo, NY	
Ohio	Willard Spenser Co	20144 Livernois, Detroit 21, Mich	UN3-5189
Pa	Willard Spenser Co	20144 Livernois, Detroit 21, Mich	UN3-5189
Pa	Charles W Thomas	4540 North St, Philadelphia 24, Pa	DE3-6900
W. Va	Willard Spenser Co	20144 Livernois, Detroit 21, Mich	UN3-5189
Wisc	E A Dickinson & Associates	4117 N. Greenbay Ave, Milwaukee, Wisc	

MILLER INDUSTRIES ... 1527 Marion, Grand Haven, Mich ... 842-9450
R Miller #2 *18 B 45

MILLER CO., J W ... 5917 S Main St. L A 3, Cal ... AD3-4294
J Hammes #5 *75 E 45-320-670-715-880-955-1135-1200-1580-1730-1785-1855-1895

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	James Millar Associates	1736 Peachtree St, N.E., Atlanta 9, Ga	TR6-0919
Alaska	Don H. Burcham Co	510 N.W. 19th Ave, Portland 8, Ore	CA7-3930
Ariz	Harry A. Moore Sales Co	305 E. Indian School Rd, Phoenix, Ariz	CR4-8180
Ark	Maynard Sales Co	2013 Cedar Springs, Dallas 1, Tex	RI2-2027
Cal	Logan Sales Co	151 Eighth St, San Francisco 3, Cal	HE1-0592
Cal	R.E. Osborne	1757 Canfield Ave. S. Pasadena, Cal	SY9-8579
Colo	R.G. Bowen Co., Inc	721 S. Broadway, Denver 9, Colo	RA2-4641
Conn	W A Hendrickson Co	291 1st Parish Rd. Scituate, Mass	LI5-0652
Del	Trinkle Sales	7675 Maple Ave, Merchantville 8, NJ	NO3-0303
DC (Wash)	Trinkle Sales	7675 Maple Ave, Merchantville 8, NJ	NO3-0303
Fla	James Millar Assoc	PO Box 1603, Winter Park	MI7-7407
Ga	James Millar Associates	1736 Peachtree St, N.E., Atlanta 9, Ga	TR6-0919
Hawaii	Dougherty Enterprises	149 Kaimi St, Kailua, Hawaii	
Idaho	Don H. Burcham Co	510 N.W. 19th Ave, Portland 8, Ore	CA7-3930
Ill	Markal Sales Corp	2639 W Peterson Ave. Chicago 45	LO1-7290
Ind	Burton F Hollister Co	4320 Dodge Ave. Ft Wayne 3	TR3-1348
Iowa	H A Roes & Co	2601 Cherry, Kansas City 8, Mo	BA1-0866
Kan	H A Roes & Co	2601 Cherry, Kansas City 8, Mo	BA1-0866
Ky	Burton F Hollister Co	4320 Dodge Ave. Ft Wayne 3, Ind	TR3-1348
La	Dick Bellew Sales Co	314 Melrose, El Dorado, Ark	UN3-8325
Me	W A Hendrickson Co	291 1st Parish Rd. Scituate, Mass	LI5-0652
Md	Trinkle Sales	7675 Maple Ave, Merchantville 8, NJ	NO3-0303
Mass	W A Hendrickson Co	291 1st Parish Rd. Scituate	LI5-0652
Mich	Hinschen, Jensen & Co	2842 W Grand Blvd, Detroit 2	TR1-0500
Minn	Clark R. Gibb Co	2400 Hennepin Ave, Minneapolis 5, Minn	FR7-1200
Miss	Dick Bellew Sales Co	314 Melrose, El Dorado, Ark	UN3-8325
Mo	H A Roes & Co	2601 Cherry, Kansas City 8	BA1-0866
Mont	Don H Burcham Co	510 N.W. 19th Ave, Portland 8, Ore	CA7-3930
Neb	H A Roes & Co	2601 Cherry, Kansas City 8, Mo	BA1-0866
Neb	R G Bowen Co, Inc	721 S Broadway, Denver 9, Colo	RA2-4641
Nev	Logan Sales Co	150 8th St, San Francisco 3, Cal	HE1-0592
NH	W A Hendrickson Co	291 1st Parish Rd. Scituate, Mass	LI5-0652
NJ	Gardiner Sales Corp	30 Shore Rd, Port Washington, NY	PO7-7700
NJ	Trinkle Sales	7675 Maple Ave, Merchantville 8, NJ	NO3-0303
NM	R.G. Bowen Co., Inc	7220A San Mateo Blvd, N.E., Albuquerque	AL5-4603

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
NY	Gardiner Sales Corp	30 Shore Rd, Port Washington, NY	PO7-77[illegible]
NY	LeRoy & McGuire, Inc	R.D. No. 1, Phelps, NY	228
NY	LeRoy & McGuire, Inc	PO Box 225, Fonda	VI2-397[illegible]
NC	James Millar Assoc	4023 Arborway, Charlotte 7	
ND	Clark R. Gibb Co	2400 Hennepin Ave, Minneapolis 5, Minn	FR7-12[illegible]
Ohio	Mike Roth Sales Co	13947 Cedar Rd, Cleveland 18, Ohio	EV1-46[illegible]
Ohio	Mike Roth Sales Co	906 Grandon Ave, Columbus, Ohio	BE5-42[illegible]
Okla	Maynard Sales Co	2013 Cedar Springs, Dallas 1, Tex	RI2-202[illegible]
Ore	Don H. Burcham Co	510 N.W. 19th St, Portland 8, Ore	CA7-39[illegible]
Pa	Trinkle Sales	7675 Maple Ave, Merchantville 8, NJ	NO3-03[illegible]
Pa	Mike Roth Sales Co	13947 Cedar Rd, Cleveland 18, Ohio	EV1-46[illegible]
RI	W A Hendrickson Co	291 1st Parish Rd, Scituate, Mass	LI5-065[illegible]
SC	James Millar Associates	1736 Peachtree St, N.E., Atlanta 9, Ga	TR6-09[illegible]
SD	Clark R. Gibb Co	2400 Hennepin Ave, Minneapolis 5, Minn	FR7-12[illegible]
Tenn	James Millar Assoc	1736 Peachtree St, NE, Atlanta 9, Ga	TR6-091[illegible]
Tex	Maynard Sales Co	2013 Cedar Springs, Dallas 1	RI2-202[illegible]
Utah	R G Bowen Co, Inc	463 E 3rd St, Salt Lake City 11	EM3-45[illegible]
Vt	W A Hendrickson Co	291 1st Parish Rd, Scituate, Mass	LI5-065[illegible]
Va	Trinkle Sales	7675 Maple Ave, Merchantville 8, NJ	NO3-03[illegible]
Wash	Don H Burcham Co	2517 Second Ave, Seattle 1	MA2-55[illegible]
W. Va	Mike Roth Sales Co	13947 Cedar Rd, Cleveland 18, Ohio	EV1-46[illegible]
Wis	Markal Sales Corp	2639 W Peterson Ave, Chicago 45, Ill	LO1-72[illegible]
Wyo	R.G. Bowen Co., Inc	721 S. Broadway, Denver 9, Colo	RA2-46[illegible]
Canada	Atlas Radio Corp. Ltd	50 Wingold Ave, Toronto 19, Canada	RU1-61[illegible]
Foreign	Roburn Agencies, Inc	431-435 Greenwich St, New York 13, NY	WO6-21[illegible]

MILLER CO. L C ... 717 Monterey Pass Rd. Monterey Park, Cal AN8-361[illegible]
E Thompson #3 *35 C 190-320-820-895-1615-1640

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
NY	QED Electronic Sales Inc	3 Elm Ave, Mt. Vernon, NY	MO8-31[illegible]
Foreign	Telesco International Corp	36 W. 40th St, New York 18, NY	PE6-21[illegible]

MILLER-ROBINSON CO ... 7007 Avalon Blvd, Los Angeles 3, Cal ... PL2-6[illegible]
1735

• **MILLER STEPHENSON CHEMICAL CO, INC** ... 39 Day St. S Norwalk, Conn ... TE8-232[illegible]
H Robertson 30-265-315-620-625-660-900-975-1290-1930

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ill	Miller-Stephenson Chem. Co. Inc	445 N Lake Shore Dr. Chicago	
Mass	Miller-Stephenson Chem. Co. Inc	99 Chauncy St. Boston	
Pa	Miller-Stephenson Chem. Co. Inc	401 N Broad St. Phila	

MILLI-SWITCH CORP AN AFF P R MALLORY & CO. INC ... Mill Creek Rd. Gladwyne, Pa ... MI2-9222
B Chandler #2 *20 B 1735

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Grady-Duckett Sales Co	26 E. Andrews Dr, Atlanta 5, Ga	
Ariz	P R Mallory & Co., Inc	9121 E. Garvey Ave, Rosemead, Cal	
Ark	Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18, Tex	
Cal	P R Mallory & Co., Inc	9121 E. Garvey Ave, Rosemead, Cal	
Cal	E M Toussaint	871 Park Ave, San Jose, Cal	
Colo	Koether-Cox Co	110 W. 13th Ave, Denver 4, Colo	
Conn	Schaal Associates Inc	11 Muzzey St, Lexington, Mass	
Fla	Grady-Duckett Sales Co	26 E. Andrews Dr, Atlanta 5, Ga	
Ga	Grady-Duckett Sales Co	26 E. Andrews Dr, Atlanta 5, Ga	
Idaho	E M Toussaint	871 Park Ave, San Jose, Cal	
Ill	Maury E Bettis Co	3706 Broadway, Kansas City, Mo	
Ill	R T Mathews Co	1127 Wells St, Ft. Wayne, Ind	
Ind	R T Mathews Co	1127 Wells St, Ft. Wayne, Ind	
Kan	Maury E Bettis Co	3706 Broadway, Kansas City 11, Mo	
Ky	R T Mathews Co	1127 Wells St, Ft. Wayne, Ind	
La	Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18, Tex	
Me	Schaal Associates Inc	11 Muzzey St, Lexington, Mass	
Mass	Schaal Associates Inc	11 Muzzey St, Lexington, Mass	
Mich	R T Mathews Co	1127 Wells St, Ft. Wayne, Ind	
Minn	The V Hellman Co	721 W. Lake St, Minneapolis, Minn	
Miss	Grady-Duckett Sales Co	26 E. Andrews Dr, Atlanta 5, Ga	
Mo	Maury E Bettis Co	3706 Broadway, Kansas City 11	
Mont	Koether-Cox Co	110 W. 13th Ave, Denver 4, Colo	
Neb	The V Hellman Co	721 W. Lake St, Minneapolis, Minn	
Nev	P R Mallory & Co., Inc	9121 E. Garvey Ave, Rosemead, Cal	
Nev	E M Toussaint	871 Park Ave, San Jose, Cal	
NH	Schaal Associates Inc	11 Muzzey St, Lexington, Mass	
NM	Koether-Cox Co	110 West 13th Ave, Denver 4, Colo	
NY	Norman Porreca	Barclay Bldg, Bala-Cynwyd, Pa	
NY	Edward E Harris	366 Norwood Ave, Buffalo 22, NY	
NC	Grady-Duckett Sales Co	26 E. Andrews Dr, Atlanta 5, Ga	
ND	The V Hellman Co	721 W. Lake St, Minneapolis, Minn	
Ohio	Roger L Ellis	2412 Far Hills Ave, Dayton	
Okla	Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18, Tex	
Ore	E M Toussaint	871 Park Ave, San Jose, Cal	
RI	Schaal Associates Inc	11 Muzzey St, Lexington, Mass	
SC	Grady-Duckett Sales Co	26 E. Andrews Dr, Atlanta 5, Ga	
SD	The V Hellman Co	721 W. Lake St, Minneapolis, Minn	
Tenn	Grady-Duckett Sales Co	26 E. Andrews Dr, Atlanta 5, Ga	
Tex	Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18, Tex	
Utah	Koether-Cox Co	110 W. 13th Ave, Denver 4, Colo	
Vt	Schaal Associates Inc	11 Muzzey St, Lexington, Mass	
Wash	E M Toussaint	871 Park Ave, San Jose, Cal	
Wisc	R T Mathews Co	1127 Wells St, Ft. Wayne, Ind	
Wyo	Koether-Cox Co	110 W. 13th Ave, Denver 4, Colo	

MILLITEST CORP ... 88 Madison Ave, Hempstead, NY ... IV9-9672
J Herman #5 338-515-810-895

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	MI7-1901
Cal	Components Sales California Inc	4625 Van Nuys Blvd, Sherman Oaks, Cal	ST8-4550
Del	Habco Electronic Sales Co	603 Allegheny Ave, Baltimore, Md	JU7-7527
DC	Habco Electronic Sales Co	603 Allegheny Ave, Baltimore, Md	JU7-7527
Fla	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	MI7-1901
Ga	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	MI7-1901
Ill	R J Mathews Co	2113 S. Western Ave, Chicago, Ill	VI7-7220
Ind	R J Mathews Co	5800 Norwaldo Ave, Indianapolis 20, Ind	GL1-[illegible]3
Md	Habco Electronic Sales Co	603 Allegheny Ave, Baltimore, Md	JU7-7527
Mich	R J Mathews Co	1127 Wells St, Ft. Wayne, Ind	EA[illegible]917
NC	Habco Electronic Sales Co	603 Allegheny Ave, Baltimore, Md	JU7-7527
SC	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	MI7-1901
Tenn	W E Wolcott Co	P.O. Box 1523, Winter Park, Fla	MI7-1901
Va	Habco Electronic Sales Co	603 Allegheny Ave, Baltimore, Md	JU7-7527
Wisc	R J Mathews Co	2113 S. Western Ave, Chicago, Ill	VI7-7220

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	MILLIVAC INSTRUMENTS INC	**Box 997, Schenectady, NY**	**FR2-4781**
	D Marey #3 *40 C 275-895		
Ala	Roy Attaway Co	2315 Bob Wallace Ave. SW Huntsville	534-2811
Ariz	McCarthy Assoc	111 W. Osborn Rd. Phoenix	CR9-1891
Ark	Scientific Sales Co	3603 Lemmon Ave. Dallas 19, Tex	LA8-5225
Cal	McCarthy Associates	1055 E. Walnut St. Pasadena, Cal	MU1-7411
Conn	Broger Instrument Sales Co. Inc	31 Broadway, New Haven	SP7-6279
Del	F R Jodon Inc	4922 St. Elmo Ave. Bethesda 14, Md	OL2-5110
DC	F R Jodon Inc	4922 St. Elmo Ave. Bethesda 14, Md	OL2-5110
Fla	Roy Attaway Co	711 Magnolia Ave. Orlando	GA4-9983
Ga	Roy Attaway Co	2315 B Wallace Ave. Huntsville, Ala	534-2811
Idaho	M K Widdekind Co	222 First Ave. N. Seattle 9 Wash	AT4-4869
Ill	Loren F Green & Associates	5218 W. Diversey Ave. Chicago 39, Ill	AV6-6824
Ind	Loren F Green & Assoc	5218 W. Diversey Ave. Chicago 39, Ill	AV6-6824
Iowa	Loren F Green & Assoc	5218 W. Diversey Ave. Chicago 39, Ill	AV6-6824
Kan	Leemark Assoc	Box 8467, KC 14, Mo	NI2-3313
La	Scientific Sales Co	3603 Lemmon Ave. Dallas 19, Tex	LA8-5225
Me	Broger Instrument Sales Co. Inc	48 Pearl St. Brookline 47, Mass	BE2-4804
Md	F R Jodon Inc	4922 St. Elmo Ave. Bethesda 14	OL2-5110
Mass	Broger Instrument Sales Co., Inc	48 Pearl St. Brookline 47, Mass	BE2-4804
Mich	Elliott-Sarles Co	1025 E. Maple Ave. Birmingham	MI4-4050
Minn	Loren F Greene & Assoc	5218 W. Diversey Ave. Chicago 39, Ill	AV6-6824
Miss	Roy Attaway Co	2315 B Wallace Ave. Huntsville, Ala	534-2811
Mo	LeeMark Associates	P.O. Box 8467, Kansas City 14, Mo	NI2-3313
Neb	Leemark Assoc	Box 8467, KC 14, Mo	NI2-3313
Nev	McCarthy Assoc	1055 E. Walnut St. Pasadena Cal	MU1-7411
NH	Broger Instrument Sales Co., Inc	48 Pearl St. Brookline 47, Mass	BE2-4804
NJ	QED Electronic Sales Inc	9 Elm Ave. Mt. Vernon, NY	MO8-3100
NJ	Holdsworth & Co	Box 71, Lansdowne, Pa	MA6-8300
NY	QED Electronic Sales Inc	9 Elm Ave. Mt. Vernon	MO8-3100
NY	C A Winick Co	1445 Valencia Rd. Schenectady 9	EX3-2208
NC	Roy Attaway Co	513 Nissen Bldg. Winston-Salem	722-9671
Ohio	Elliott-Sarles Co	21471 Concord Dr. Westlake	ED1-8911
Okla	Scientific Sales Co	3603 Lemmon Ave. Dallas 19, Tex	LA8-5225
Ore	M K Widdekind Co	222 1st Ave. N. Seattle 9, Wash	AT4-4869
Pa	Holdsworth & Co	Box 71, Lansdowne, Pa	MA6-8300
Pa	Elliott-Sarles Co	1915 Brownsville Rd. Pittsbgh 10	TU1-4545
RI	Broger Instrument Sales Co., Inc	48 Pearl St. Brookline 47, Mass	BE2-4804
SC	Roy Attaway Co	2315 B Wallace Ave. Huntsville, Ala	534-2811
Tenn	Roy Attaway Co	2315 B Wallace Ave. Huntsville, Ala	534-2811
Tex	Scientific Sales Co	3603 Lemmon Ave. Dallas 19	LA8-5225
Vt	Broger Instrument Sales Co. Inc	48 Pearl St. Brookline 47, Mass	BE2-4804
Va	F R Jodon Inc	4922 St. Elmo Ave. Bethesda 14	OL2-5110
Wash	M K Widdekind Co	222 First Ave. N. Seattle 9, Wash	AT4-4869
Wis	Loren F Green & Assoc	5218 W. Diversey Ave. Chicago 39, Ill	AV6-6824
Canada	Tektronix Canada Ltd	1562 Carling Ave. Ottawa, Ontario, Can	PA8-2384
Foreign	Frathon Co., Inc	33 W. 42nd St. New York 36, NY	BR9-9422
	MILMAN ENGINEERING CO., INC.	**1831 Pontius Ave, Los Angeles 25, Cal**	**GR3-0616**
	895-1075		
Cal	Huntington Engineering Co	411 Sycamore Rd. Los Angeles 49, Cal	GL4-0056
Cal	Paul B Stein Co	2905 S. Yates Ave. Los Angeles 22, Cal	RA3-7251
Cal	Hoffman & Hewitt	3905 S. Grand Ave. Los Angeles 7, Cal	RI8-5371
Cal	Marshall Tool & Supply Co	2650 E. Olympic Blvd. Los Angeles 23	AN3-6121
Mass	R J R Kelley Co	21 Woodland St. Arlington 74, Mass	MI3-6127
Mich	Hazeroot Associates	903 S. Woodward Ave. Royal Oak, Mich	JO6-7978
Minn	Anderson & Associates	3025 York Ave. N., Minneapolis 22	JU8-2523
NJ	R J R Kelley Co	519 Main St. East Orange, NJ	OR6-0714
NY	R J R Kelley Co	60 - 6th St. Garden City Park, NY	PI2-6420
NY	R J R Kelley Co	4547 Dewey Ave. Rochester, NY	NO3-7861
Pa	Assembly Products of Pittsburgh	517 Second Ave. Pittsburgh 19, Pa	GR1-7671
Pa	R J R Kelley Co	522 Charles Dr. King of Prussia, Pa	OS5-7990
Va	Southeastern Sales Co	P.O.Box 461, Blacksburg, Va	PR2-4623
	MILWAUKEE RESISTOR CO	**700 W. Virginia St, Milwaukee 4, Wisc**	**BR1-9900**
	R Amacher #2 *100 D 1475		
Cal	Harris Sales Co	204 E Hillsdale Blvd. San Mateo	FI1-2902
Cal	Ungar Sales Assoc	9125 Venice Blvd. LA	UP0-6116
Colo	A J Nelson Co	715 E Louisiana, Denver	PE3-5528
Conn	Bahr Sales Co	Spring Valley Rd. Woodbridge	FU7-8712
Fla	L E Benham	1001 Gonka Rd. Jacksonville	RA4-9587
Ill	Earl Chapman Assoc	6459 N Sheridan Rd. Chicago	AM2-3565
Ill	W F Swanson Co	541 Diversey Parkway, Chicago	BI8-4343
Ind	Walter F Eisenach & Sons	2417 Plaza Dr. Fort Wayne	KE2928
Iowa	Kay Sales Co	2702 41st St. Des Moines	BL5-4584
Kan	Kay Sales Co	400 N Emporia, Wichita	HO4-2893
Mass	Johnson Assoc	414 Main St. Wakefield	CR9-3098
Mass	Johnson Assoc	81 Merrimack St. Lowell	GL2-0413
Md	John F Bittner & Co	1814 Deveron Rd. Towson	VA3-6311
Mich	Larry F Zaffina Co	7351 Gratiot Ave. Detroit	WA1-2885
Minn	Wood Clemens Co	1645 Hennepin Ave. Mpls	FE9-0777
Minn	Clark R Gray Co	2400 Hennepin Ave. Mpls	FR7-1200
Mo	Kay Sales Co	2510 Grand Ave. Kansas City	BA1-3800
Mo	Kay Sales Co	7601 Forsythe Ave. St Louis	PA7-3414
NM	A J Nelson Co	PO Box 938, Albuquerque	CH2-4368
NY	Wilfred J Callahan Co	107 Greenridge Dr. Camillus	HU8-5518
NY	Irv Morse Sales Co	150 Broadway, New York	CO7-2913
NY	Cooper-Simon & Cooper	470 E 79th St. New York	LE5-2500
NC	Hilker Co., The	3707 Kinnamon Rd. Winston-Salem	PA5-8588
Ohio	Robert W Peters	390 E 215th St. Cleve	AN1-2330
Ohio	Midwest Sales Co	3219 W 117th St. Cleve	WI1-2700
Okla	R E Nesbitt Co	1324 E 17th Pl. Tulsa	LU5-1234
Pa	George Wasserschied Co	949 E Cottrey, Phila	PI4-0347
Tenn	A S Engelman Co	Rt 1, Mahoney Rd. Knoxville	7-4241
Tenn	A S Engelman Co	3305 Chuma Ave. Memphis	GL8-6263
Tex	Robert E Nesbitt Co	1025 Cedar Springs, Dallas	RI7-5824
Tex	Robert E Nesbitt Co	4810 Hazard St. Houston	JA8-3811
Utah	A J Nelson Co	PO Box 1871, Salt Lake City	AM2-2147
Can	Norris Burgess Co	418 Mt. Pleasant Rd. Toronto, Ont	HU9-1854
For	Sylvan Ginsbury, Ltd	8 W 40th St. New York, NY	LO4-7585
	MINATRON CORP	**14 Clivedon St, Belle Mead, NJ**	**FL9-6400**
	C Pressey 320-360-895-1850		
	MINCO PRODUCTS INC	**740 N. Washington Ave, N., Minneapolis 1, Minn**	**FE8-6753**
	K Schorr #3 *25 C 575-895-1135-1330-1850		
Cal	Pentagon Co., The	[illegible] Pasadena Ave, S Pasadena	MU2-3301

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Iowa	Engineering Products Associates	1821 University Ave. St.Paul 4, Minn	MI6-3443
Md	Holden Engineering Sales Co	1133 Gypsy Lane W. Towson	VA3-3763
Mass	Dalbey Corp., The	437 Cherry St. West Newton	BI4-2053
Minn	Engineering Products Associates	1821 University Ave. St.Paul 4, Minn	MI6-3443
NJ	E R Davis Co	33 River Rd. Chatham	CR3-7300
NY	E R Davis Co	33 River Rd. Chatham, NJ	CR3-7300
ND	Engineering Products Associates	1821 University Ave. St. Paul 4, Minn	MI6-3443
Pa	E R Davis Co	33 River Rd. Chatham, NJ	CR3-7300
SD	Engineering Products Associates	1821 University Ave. St.Paul 4, Minn	MI6-3443
Wash	Myron R Smith & Co	717 Michigan St. Seattle	PA5-1665
Wisc	Engineering Products Associates	1821 University Ave. St. Paul 4, Minn	MI6-3443
	MINCOM DIV MINNESOTA MINING & MFG CO	**2049 S.Barrington, Los Angeles 25, Cal**	**GR9-3751**
	J DeLand 1435		
Conn	Eltron Eng Sales, Inc	246 Walnut St. Newtonville 60, Mass	DE2-6975
DC	Mincom Div. 3M Co	425 13th St. NW, Wash 4	NA8-9478
Me	Eltron Eng Sales, Inc	246 Walnut St. Newtonville 60, Mass	DE2-6975
Mass	Eltron Eng Sales, Inc	246 Walnut St. Newtonville 60	DE2-6975
NH	Eltron Eng Sales, Inc	246 Walnut St. Newtonville 60, Mass	DE2-6975
RI	Eltron Eng Sales, Inc	246 Walnut St. Newtonville 60, Mass	DE2-6975
Vt	Eltron Eng Sales, Inc	246 Walnut St. Newtonville 60, Mass	DE2-6975
Can	Minn Mng & Mfg of Can, Ltd	Box 757, London, Ont	GL12500
	MINE SAFETY APPLIANCES CO	**201 N. Braddock Ave, Pittsburgh, Pa**	**CH1-5900**
	J Sherwin #57 *1500 G 895		
Ala	Mine Safety Appliances Co	2900 12th Ave. N. Birmingham 4, Ala	AL4-3403
Ariz	Mine Safety Appliances Co	1996 E. 18th St. Tucson, Ariz	MA3-1914
Cal	Mine Safety Appliances Co	115 W. 25th St. Los Angeles 7, Cal	RI7-9967
Cal	Mine Safety Appliances Co	1155 Howard St. San Francisco, Cal	HE1-3470
Ga	Mine Safety Appliances Co	1341-45 Spring St. N.W., Atlanta 9, Ga	TR4-6379
Ill	Mine Safety Appliances Co	505 W Belmont Ave. Chicago	AV1-5800
Mich	Mine Safety Appliances Co	18725 Ralston, Detroit 3, Mich	TO8-5165
Mo	Mine Safety Appliances Co	2901 Cherry St. Kansas City 8, Mo	BA1-9787
NJ	Mine Safety Appliances Co	1100 Globe Ave. Mountainside, NJ	CO7-6297
Ohio	Mine Safety Appliances Co	17501 Euclid Ave. Cleveland 12, Ohio	KE1-9600
Pa	Mine Safety Appliances Co	1614 Sumner St. Philadelphia 3, Pa	LO4-1216
Pa	Mine Safety Appliances Co	7617 Pennsylvania Ave. Pittsburgh 8, Pa	CH1-6332
Tex	Mine Safety Appliances Co	1650 Oak Lawn Ave. Dallas 7, Tex	RI7-4701
Utah	Mine Safety Appliances Co	257 Pierpont St. Salt Lake City 1, Utah	EM4-3044
Wash	Mine Safety Appliances Co	71 Columbia St. Seattle 4, Wash	MA2-6622
W. Va	Mine Safety Appliances Co	321 Masonic Temple Bldg. Charleston 1	DI3-5222
	MINIATURE ELECTRONIC COMPONENTS CORP	**21 Plymouth St, Holbrook, Mass**	**WO3-7717**
	R Bicknell #4 *50 D 320-720-1330-1460-1475-1480		
Cal	M W Riedel & Co	136 E Valley Blvd. Alhambra, Cal	CU3-7694
Colo	Rumble Sales Co	465 S Layton St. Denver, Colo	
Fla	Components Sales Corp	P O Box 178 N Miami Beach, Fla	FR4-1391
Ill	W J Pitler & Associates	515 Hibbard Rd. Wilmette, Ill	MA6-0333
Md	East Coast Liaison Inc	P.O. Box 248 Lutherville, Md	VA5-4449
Mass	Hatch-Hutchinson Assoc	15 Kearney Rd. Needham Heights, Mass	HI4-1259
Minn	Anderson & Associates	3825 York Ave. N., Minneapolis, Minn	JU8-2523
Mo	Electro-Mechanical Sales	12760 Post Oak Rd. St Louis, Mo	PA5-7793
NY	Electrical Manufacturers Service	P.O. Box 128, E. Williston, NY	PI2-1616
Ohio	Frank Juppin & Assoc	P.O. Box 82, Riverdale Sta. Dayton	CR7-6047
Tex	Alto Engineering Sales Co	2712 W. Mockingbird Ln. Dallas, Tex	FL1-0010
Wash	Technical Sales Co	1731 First Ave. S., Seattle, Wash	SE5532
Canada	Electromechanical Products	Markham Rd. Agincourt, Ontario, Canada	AX3-7011
	MINIATURE PRECISION BEARINGS INC	**Precision Park, Keene, NH**	**EL2-0310**
	H Eckert #43 *800 E 75-1125		
Cal	MPB	8621 S. Bellanca Ave. Los Angeles 45	OR8-3482
Colo	Bearing Service & Supply	4438 Claude Ct. Denver 16, Colo	AC2-5291
Ga	G W Smith Co	3136 Maple Dr. NE, Atlanta 5	233-7383
Ill	MPB, Inc	2711 W Howard, Chicago 45	SH3-4917
Iowa	Miniature Precision Bearings Inc	417 First Ave. S.E., Cedar Rapids, Iowa	EM3-8121
Kan	Benson Engineering Co	2106 W 75th, Prairie Village	EN2-2843
Kan	Benson Engineering Co	519 S. Broadway, Wichita 2, Kan	AM2-6971
Mass	Miniature Precision Bearings Inc	419 Boylston St. Boston 16, Mass	CO7-8989
Minn	MPB, Inc	10533 Beard Ave. S, Minneapolis 20	TU1-0333
NY	Miniature Precision Bearings Inc	18 Purdy Ave. Rye, NY	UO7-5700
Ohio	Ripley, Bowen & Church	3537 Lee Rd. Cleveland 20	SK1-1223
Ohio	Sheridan Associates	Rosslyn Center Bldg. Cincinnati 37	ME1-2460
Ohio	Sheridan Associates Inc	4217 N. Main St. Dayton 5, Ohio	CR7-7212
Pa	MPB, Inc	26 West Chester Pike, Havertown	SU9-9033
Tex	Benson Engineering Co	2514 W. Mockingbird Ln. Dallas 35, Tex	FL2-7541
Can	Lyman Tube & Supply Company, Ltd	5420 Pare St. Montreal 9, Que	RI8-6953
	MINICORD CORP. OF AMERICA	**1913 Atlantic Ave. Atlantic City, N J**	**5-0800**
	W Johns #6 *138 C 325-555-810-895-1075-1165-1425-1435-1575-1730-1880		
	MINI-RAD, Inc	**7416-E Varna Ave, N. Hollywood, Cal**	**PO4-6479**
	238-338-455-475-670-895		
Ala	E.C. Raymond & Assoc	P.O. Box 8215, Madeira Beach, Fla	7-6126
Ariz	Fryco Engr. Reps	P.O. Box 464, Scottsdale, Ariz	WH5-3281
Ark	Harry D. Edmiston	P.O. Box 5832, Dallas, Tex	TA7-2853
Cal	William Theisner	405 S. Sunnyvale Ave. Sunnyvale, Cal	RE9-6460
Cal	Meredith Eng. Assoc	386 E. Green St. Pasadena, Cal	MU1-9957
Colo	Howell Sales Co	4537 Dudley, Arvada, Colo	KE4-7306
Conn	Bordewieck Engr. Sales Co	221 Grove St. Boston 85, Mass	VI3-0845
Del	R.P. Luce & Co., Inc	7 Beechwood Rd. Summit, NJ	CR3-9250
DC (Wash)	R.P. Luce & Co. Inc	7 Beechwood Rd. Summit, NJ	CR3-9250
Ga	E.C. Raymond & Assoc	Box 8215, Madeira Beach, Fla	7-6126
Fla	E.C. Raymond & Assoc	Box 8216, Madeira Beach, Fla	7-6126
Idaho	Howell Sales Co	4537 Dudley, Arvada, Colo	KE4-7306
Ill	W.G. Brouillette & Assoc	1558 Newcastle, Westchester, Ill	FI5-6500
Ind	W.G. Brouillette & Assoc	1558 Newcastle, Westchester, Ill	FI5-6500
Iowa	Wilbur Gill	10511 W. 56th Terr, Shawnee, Kan	RA2-2528
Kan	Wilbur Gill	10511 W. 56th Terr, Shawnee, Kan	RA2-2528
Ky	Harry D. Edmiston	Box 5832, Dallas, Tex	TA7-2853
La	Harry D. Edmiston	Box 5832, Dallas, Tex	TA7-2853
Me	Bordewieck Engineering Sales Co	221 Grove St. Boston 85, Mass	VI3-0845
Md	R.P. Luce & Co., Inc	1300 Jericho Tpke. New Hyde Pk, NY	GE7-4580
Mass	Bordewieck Engineering Sales Co	221 Grove St. Boston 85, Mass	VI3-0845
Miss	Harry D. Edmiston	Box 5832, Dallas, Tex	TA7-2853
Mo	Wilbur Gill	10511 W. 56th Terr, Shawnee, Kan	RA2-2528

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Mont	Howell Sales Co	Box 1328, Bway Stat, Seattle 2, Wash	EA 3209
Neb	Wilbur Gell	10511 W. 56th Terr, Shawnee, Kan	RA2-2528
NH	Bordewieck	221 Grove St. Boston 85, Mass	VI3-0845
NJ	R.P. Luce & Co., Inc	7 Beechwood Rd. Summit, NJ	CR3-9250
NM	Fryco Engr. Reps	Box 464, Scottsdale, Ariz	WH5-3281
NY	R.P. Luce & Co	7 Beechwood Rd. Summit, NJ	CR3-9250
NC	E. C. Raymond	Box 8215, Madeira Beach, Fla	7-6126
Ohio	W.G. Brouillette	1558 Newcastle, Westchester, Ill	FI5-6500
Okla	Wilbur Gell	10511 W. 56th Terr, Shawnee, Kan	RA2-2528
Ore	Howell Sales Co	4537 Dudley, Arvada, Colo	KE4-7306
Pa	R.P. Luce	5634 Fayette St. Philadelphia 38, Pa	CH7-6980
RI	Bordewieck Engr. Sales	221 Grove St. Boston 85, Mass	VI3-0845
SC	E.C. Raymond	Box 8215, Madeira Beach, Fla	7-6126
Tenn	E.C. Raymond	Box 8215, Madeira Beach, Fla	7-6126
Tex	Harry D. Edmiston	Box 5832, Dallas, Tex	TA7-2853
Utah	Howell Sales Co	4537 Dudley, Arvada, Colo	KE4-7306
Vt	Bordewieck Eng. Sales	221 Grove St. Boston 85, Mass	VI3-0845
Va	R.P. Luce & Co	5634 Fayette St. Philadelphia 38, Pa	CH7-6980
Wash	Howell Sales Co	4537 Dudley, Arvada, Colo	KE4-7306
Wisc	W.G. Brouillette & Assoc	1558 Newcastle, Westchester, Ill	FI5-6500
Wyo	Howell Sales Co	4537 Dudley, Arvada, Colo	KE4-7306
	MINISINK RUBBER CO., INC.	**Orange County, Unionville, NY**	**UN3831**
	M Kleinman #3 *54 D 750-1238-1505-1940		
	MINITRON INC	**1105 2nd St, Encinitas, Cal**	**PL3-2600**
	280-1305		
	MINNEAPOLIS-HONEYWELL REGULATOR CO.		
	#5000 *40,000 G		
	APPARATUS CONTROLS DIV	**2753 4th Ave. S, Minneapolis 8, Minn**	**FE2-5225**
	R West #18 F 20-185-360-895-915-1245-1390-1460-1550-1555-1790-1805-1850-1920		
•	**BOSTON DIV**	**1400 Soldiers Field Rd. Boston 35, Mass**	**AL4-5200**
	*1000 780-895-1850		
	BROWN INSTRUMENTS DIV	**Wayne & Windrim Aves. Phila 44, Pa**	**DA9-8300**
	J Robinson #660 *3100 275-325-360-895-915-1125-1165-1795		
	CERAMICS LAB	**Box 440, Minneapolis 40, Minn**	**LI5-1661**
	120-175-240-315-345-360-410-450-695-715-800-870-895-900-905-1115-1125-1130-1135-1270-1545-1655-1790-1850-1875-1880-1890-1915		
	HEILAND DIV	**5200 E Evans Ave. Denver 22, Colo**	**SK6-3681**
	L Mayer #35 *500 G 338-885-895		
	INDUSTRIAL SYSTEMS DIV	**10721 Hanna St. Beltsville, Md**	**GR4-6700**
	J Peell #50 *350 F 338-810-895-1150-1435		
	MILITARY PRODUCTS GROUP	**2600 Ridgway Rd. Minneapolis 13, Minn**	
	15-20-25-35-45-120-200-220-235-250-290-320-325-338-345-360-365-400-410-565-635-775-780-870-885-895-990-1075-1125-1165-1300-1395-1515-1590-1610-1655-1810-1850-1870-1920		
	RUBICON INSTRUMENTS	**Ridge at 35th St. Philadelphia 32, Pa**	**BA5-3737**
	E Benson *150 515-895-1330		
	SEMICONDUCTOR PRODUCTS	**1015 S 6th St. Minneapolis 4, Minn**	**FE2-5225**
	P Smith 885-1860		
	SPECIAL SYSTEMS DIV	**Queen & S Bailey, Pottstown, Pa**	**FA3-4000**
	K Knoblauch 325-338-340-360-440-895		
Ala	Minneapolis-Honeywell	2616 7th Ave. S., Birmingham 5, Ala	FA2-7908
Ala	Minneapolis-Honeywell	Holiday Office Center, Huntsville	JE9-7431
Ala	Minneapolis-Honeywell	1859 Duval St. Mobile	GR8-8484
Alas	Minneapolis-Honeywell	826 Whitney Rd. Anchorage	BR5-5751
Ariz	Minneapolis-Honeywell	4125 N. Seventh Ave. Phoenix, Ariz	CR4-3568
Ark	Minneapolis-Honeywell	618 W. Third St. Little Rock, Ark	FR5-5309
Cal	Minneapolis-Honeywell	445 Blackstone Blvd. Fresno, Cal	AD7-2191
Cal	Minneapolis-Honeywell	6670 Telegraph Rd. Los Angeles 22, Cal	RA3-6611
Cal	Minneapolis-Honeywell	1402 E St. Sacramento 14, Cal	GI1-0131
Cal	Minneapolis-Honeywell	2 Dorman Ave. San Francisco 24, Cal	AT8-8118
Cal	Minneapolis-Honeywell	549 Main St. Santa Clara, Cal	CH3-4217
Cal	Minneapolis-Honeywell	1017 Wilshire Blvd. Los Angeles 17	HU2-1930
Cal	Minneapolis-Honeywell	1515 Morena Blvd. San Diego 10	BR6-4660
Colo	Minneapolis-Honeywell	2150 S Denton, Denver 22	SK6-8802
Conn	Minneapolis-Honeywell	885 Wethersfield Ave. Hartford 14, Conn	JA5-3163
Conn	Minneapolis-Honeywell	141 Fitch St. New Haven, Conn	FU9-9551
Del	Minneapolis-Honeywell	838 N. Union St. Wilmington 5, Del	OL5-3368
DC	Minneapolis-Honeywell	4525 Wisconsin Ave. N.W., Wash 16	EM2-4400
DC	Minneapolis-Honeywell	2435 Virginia Ave. NW, Washington	FE8-3351
Fla	Minneapolis-Honeywell	222 Sarno Rd. Melbourne, Fla	PA3-6936
Fla	Minneapolis-Honeywell	5803 Grand Central Ave. Tampa 9, Fla	RE7-5304
Fla	Minneapolis-Honeywell	6957 Lillian Rd. Jacksonville 11	RA5-4733
Fla	Minneapolis-Honeywell	2537 NW 7th St. Miami 35	FR1-1667
Ga	Minneapolis-Honeywell	500 Plasters Ave. NE, Atlanta 9	TR5-9561
Haw	Minneapolis-Honeywell	618 Coral St. Honolulu 13	51514
Idaho	Minneapolis-Honeywell	541 2nd St. Idaho Falls, Idaho	JA2-4768
Ill	Minneapolis-Honeywell	7350 N. Lincoln Ave. Chicago 80, Ill	OR4-9770
Ill	Minneapolis-Honeywell	P.O.Box 170, Harvey, Ill	VI9-1230
Ill	Minneapolis-Honeywell	833 W Lake Ave. Peoria	685-7671
Ind	Minneapolis-Honeywell	US Hwy. 30 E at Meyer Rd. Ft Wayne 6	AN3256
Ind	Minneapolis-Honeywell	116 N. St. Joseph Ave. Evansville 12	HA5-6128
Ind	Minneapolis-Honeywell	1905 W. 16th St. Indianapolis 2, Ind	ME5-4591
Ind	Minneapolis-Honeywell	220 S. William St. South Bend, Ind	AT9-7474
Iowa	Minneapolis-Honeywell	2000 E River Rd. Davenport	324-5261
Iowa	Minneapolis-Honeywell	Box 2587, Des Moines 15	AT3-0141
Kan	Minneapolis-Honeywell	Box 3046, Wichita 16	LY1-3431
Ky	Minneapolis-Honeywell	2303 S. Brook St. Louisville 8, Ky	ME7-1442
La	Minneapolis-Honeywell	7530 Oak Villa Blvd. Baton Rouge	WA4-4236
La	Minneapolis-Honeywell	Box 8034, New Orleans	282-3491
La	Minneapolis-Honeywell	1624 Kirby Pl. Shreveport	868-5391
Me	Minneapolis-Honeywell	Box 1696, Thompson's Pt, Portland 2	SP3-4751
Md	Minneapolis-Honeywell	4512 Harford Rd. Baltimore 14, Md	CL4-5070
Mass	Minneapolis-Honeywell	1301 Soldiers Field Rd. Boston 35	AL4-8730
Mich	Minneapolis-Honeywell	Box 2903, Strathmoor Sta. Detroit 27	TE4-6920
Mich	Minneapolis-Honeywell	521 N. Washington, Lansing, Mich	IV2-1010
Mich	Minneapolis-Honeywell	24725 Harper Ave. St. Clair Shores	PR3-1900
Mich	Minneapolis-Honeywell	21-31 N Ottawa Ave. Grand Rapids 2	GL1-0621
Mich	Minneapolis-Honeywell	1818 N Michigan Ave. Saginaw 57	PL3-5435
Minn	Minneapolis-Honeywell	621 E Hennepin Ave. Minneapolis 14	FE9-8551
Minn	Minneapolis-Honeywell	925 E. Second St. Duluth, Minn	RA4-8861
Minn	Minneapolis-Honeywell	2747 4th Ave. S., Minneapolis 8, Minn	FE2-5225
Miss	Minneapolis-Honeywell	516 College St. Jackson, Miss	FL5-5363
Mo	Minneapolis-Honeywell	4650 E. 30 Hwy, Kansas City 30, Mo	WA3-8725
Mo	Minneapolis-Honeywell	2146 Hampton Ave. St. Louis 10, Mo	MI7-6100
Mont	Minneapolis-Honeywell	116 11th St. N., Billings, Mont	AL2-5646

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Neb	Minneapolis-Honeywell	403 N Saddle Creek Rd, Omaha 3	556-7557
NJ	Minneapolis-Honeywell	P.O. Box 181, Union, NJ	MU8-[illegible]
NM	Minneapolis-Honeywell	2502 Garfield Ave, S.E., Albuquerque	CH7-[illegible]
NY	Minneapolis-Honeywell	1600 Kenmore Ave, Buffalo 23, NY	DE9577
NY	Minneapolis-Honeywell	34-38 Skillman Ave, L I City 1, NY	EX2-4300
NY	Minneapolis-Honeywell	45 Colvin Ave, Albany 6	IV9-2549
NY	Minneapolis-Honeywell	1300 Arterial Hwy, Binghamton	RA3-7358
NY	Minneapolis-Honeywell	Box 4347, Bulls Head Sta, Rochester 11	FA8-4510
NY	Minneapolis-Honeywell	813 Ostwood Pl, E Syracuse	HO3-9111
NC	Minneapolis-Honeywell	P.O. Box 5036, Greensboro, NC	BR5-6463
NC	Minneapolis-Honeywell	212 Greystone Rd, Charlotte 9	JA3-6516
Ohio	Minneapolis-Honeywell	489 Glenwood Ave, Akron 10, Ohio	PO2-[illegible]
Ohio	Minneapolis-Honeywell	7645 Production Dr, Cincinnati 37, Ohio	PO1-4500
Ohio	Minneapolis-Honeywell	4772 Indianola Ave, Columbus 14, Ohio	AM8-[illegible]
Ohio	Minneapolis-Honeywell	1441 Wilburn Ave, Dayton 4, Ohio	BA6-1492
Ohio	Minneapolis-Honeywell	3330 South Ave, Youngstown 2, Ohio	ST8-4079
Ohio	Minneapolis-Honeywell	1001 E 55th St, Cleveland 3	UT1-0300
Ohio	Minneapolis-Honeywell	5624 Sector Rd, Toledo 13	GR4-5793
Okla	Minneapolis-Honeywell	4501 N. Cooper, Oklahoma City 18	JA8-[illegible]
Okla	Minneapolis-Honeywell	5821 E. 31st St, Tulsa 5, Okla	TE5-[illegible]
Ore	Minneapolis-Honeywell	Box 71, Eugene	DI4-[illegible]
Ore	Minneapolis-Honeywell	2600 SE Belmont, Portland 14	BE5-8411
Pa	Minneapolis-Honeywell	743 Main St, Avoca	GL7-6751
Pa	Minneapolis-Honeywell	2342 Paxton St, Harrisburg, Pa	CE8-1651
Pa	Minneapolis-Honeywell	3345 W. Hunting Park Ave, Phila 32	BA6-2400
Pa	Minneapolis-Honeywell	4120 Brownsville Rd, Pittsburgh 27	TU2-9700
RI	Minneapolis-Honeywell	66 Taylor St, E. Providence 16, RI	GE8-6080
SC	Minneapolis-Honeywell	4478 Ft. Jackson Blvd, Columbia, SC	SU7-6643
SC	Minneapolis-Honeywell	42 Grant Ave, Greenville, SC	CE2-2444
SD	Minneapolis-Honeywell	213 N Nesmith Ave, Sioux Falls	ED4-4585
Tenn	Minneapolis-Honeywell	4617 Old Central Ave. Pike, Knoxville 18	[illegible]
Tenn	Minneapolis-Honeywell	4053 Hillsboro Rd, Nashville	CY2-[illegible]
Tenn	Minneapolis-Honeywell	3223 Brainerd Rd, Chattanooga 11	OX8-[illegible]
Tenn	Minneapolis-Honeywell	1530 Madison Ave, Memphis, Tenn	BR5-4465
Tex	Minneapolis-Honeywell	3304 Bailey Ln, Austin, Tex	GL2-[illegible]
Tex	Minneapolis-Honeywell	315 Westchester Dr, Corpus Christi	TU2-[illegible]
Tex	Minneapolis-Honeywell	6300 N. Central Expwy, Dallas 6, Tex	EM8-6401
Tex	Minneapolis-Honeywell	3145 St. Louis St, Ft. Worth, Tex	WA7-[illegible]
Tex	Minneapolis-Honeywell	P.O. Box 2631, Houston 1, Tex	WA8-2451
Tex	Minneapolis-Honeywell	3622 5th St, Lubbock, Tex	PO2-5463
Tex	Minneapolis-Honeywell	3508 Military Dr, N.W., San Antonio 13	DI4-[illegible]
Tex	Minneapolis-Honeywell	3603 E 3rd St, Amarillo 3	DR3-[illegible]
Tex	Minneapolis-Honeywell	2306 Grant Ave, El Paso	KE3-8417
Tex	Minneapolis-Honeywell	2521 W Jackson, Odessa	FE2-[illegible]
Utah	Minneapolis-Honeywell	2240 S. Main St, Salt Lake City 15	IN6-[illegible]
Va	Minneapolis-Honeywell	3535C Tidewater Dr, Norfolk 9, Va	MA2-2356
Va	Minneapolis-Honeywell	2101 W Laburnum Ave, Richmond 27	EL3-4431
Va	Minneapolis-Honeywell	Box 4173, Roanoke	345-0948
Wash	Minneapolis-Honeywell	431 Pontius Ave, N., Seattle, Wash	MU2-5610
Wash	Minneapolis-Honeywell	125 Del Monte, Tacoma 66, Wash	FR1939
Wash	Minneapolis-Honeywell	1329 Geo Washington Way, Richland 14	WH5-6670
Wash	Minneapolis-Honeywell	N 1007 Columbus St, Spokane 2	HU3-6464
W. Va	Minneapolis-Honeywell	1409 Kanawha Blvd, E., Charleston 1	DI6-3867
Wis	Minneapolis-Honeywell	325 N Richmond Ave, Appleton	RE4-7148
Wisc	Minneapolis-Honeywell	2702 Monroe St, Madison 5, Wisc	CE3-9701
Wisc	Minneapolis-Honeywell	3501 W. Burleigh St, Milwaukee 10	HI5-6010
Can	Honeywell Controls Ltd	Vanderhoof Ave, Leaside, Toronto 17, Ont	421-8400
For	Honeywell G.m.b.H.	[illegible] 42, Vienna IV/50 Aus	65.36.48
For	Honeywell S.A.	17 Pl des Martyrs, Brussels 1, Belg	18.79.00
For	Honeywell Controles Ltda	Rua Jose Getulio 172, CG 8512, Sao Paulo, Braz	31-0305
For	Controles Honeywell, S.A.	Box 2595, Vedado (Havana), Cuba	FO-8048
For	Honeywell A/S	Valbygs Alle 238, Copenhagen, Den	70.66.11
For	Honeywell, S.A.R.L.	138 bis, Rue de Charenton, Paris 12, Fr	DO2930
For	Honeywell G.m.b.H.	Rheingaustr 112, Frankfurt Main, Ger	77.07.81
For	Honeywell Controls Limited	Ruislip Rd. E, Greenford, Middx, Eng	WA2333
For	Yamatake-Honeywell Keiki Co. Ltd	2-6 Marunouchi, Chiyoda-Ku, Tokyo, Jap	28.67.51
For	Honeywell S.A.	Lago Alberto 30, Mexico City 17, DF	45.66.28
For	Honeywell N. V.	Wibautstr 12, Amsterdam-O, Neth	74.03.33
For	Honeywell A. B.	Elektravagen 5, Stockholm 42, Swed	18.01.00
For	Honeywell, A. G.	Hoschgasse 45, Zurich 8, Switz	34.74.40
For	Honeywell C .A.	Apt Chacao 5314, Caracas, Ven	

MINN-HONEYWELL REG. CO. ELECTRONIC DATA PROCESSING DIV — 60 Walnut St. Wellesley Hills 81, Mass — CE5-7450

S Bellows *3,000 G 338-340-430

TERR			TEL. NO.
Cal	E D P Div. Minn-Honeywell	1017 Wilshire Blvd. LA 17	MU2-1830
Cal	E D P Div. Minn-Honeywell	2 Dorman Ave. SF 24	AT8-0118
Conn	E D P Div. Minn-Honeywell	885 Weathersfield Ave. Hartford 14	
DC	E D P Div. Minn-Honeywell	1801 N. Moore St. Arlington, Va	JA4-8200
Ga	E D P Div. Minn-Honeywell	500 Plaster Ave. NE. Atlanta	TR5-9561
Ill	E D P Div. Minn-Honeywell	77 S. Wacker Dr. Chicago 6	RA6-9205
Ind	E D P Div. Minn-Honeywell	1905 W. 18th St. Indpls 2	ME5-4591
Mich	E D P Div. Minn-Honeywell	Fisher Bldg. Detroit 2	TR2-5855
Minn	E D P Div. Minn-Honeywell	600 2nd St. N. Hopkins	WE5-1731
Mo	E D P Div. Minn-Honeywell	4550 E. 50 Hwy. KC 30	WA3-8725
NY	E D P Div. Minn-Honeywell	261 Madison Ave. NY 16	MU7-0525
NY	E D P Div. Minn-Honeywell	45 Colvin Ave. Albany 6	IV9-2549
NC	E D P Div. Minn-Honeywell	212 Greystone Rd. Charlotte 9	JA3-6516
Ohio	E D P Div. Minn-Honeywell	1001 E. 55th St. & Marginal Rd. Cleve 3.	UT1-0300
Ore	E D P Div. Minn-Honeywell	2600 SE. Belmont, Portland 14	BE5-8411
Pa	E D P Div. Minn-Honeywell	303 City Line Ave. Bala-Cynwyd	TR8-3300
Pa	E D P Div. Minn-Honeywell	4120 Brownsville Rd. Pittsbgh 27	TU2-9700
Tex	E D P Div. Minn-Honeywell	6000 N. Central Expwy. Dallas 6	EM8-6401
Tex	E D P Div. Minn-Honeywell	5440 Gulf Freeway, Houston 1	WA8-2451
Va	E D P Div. Minn-Honeywell	2101 W. Laburnum Ave. Richmond	EL3-4431
Can	Honeywell Controls Ltd	Vanderhoof Ave. Toronto 17, Ont	489-2151
Can	Honeywell Controls Ltd	6277 Upper Lachine Rd. Mont. 28, Que	HU4-3501

MINN-HONEYWELL REG. CO. PRECISION METER DIV — Greater Field, Manchester, NH — NA5-6971

E Doherty 35-820-895-1810

TERR			TEL. NO.
Ala	Threlkeld-Duckett Assoc	Box 733, Birmingham	
Ariz	E V Roberts & Assoc	340 N. Marshall Ave. Scottsdale	WH7-1381
Cal	E V Roberts & Associates	5068 W. Washington Blvd, L A, Cal	WE8-2541
Colo	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Conn	Hathaway Electronics Inc	P.O. Box 767, Canaan, Conn	TA4-7215
Del	Ken Randall Co	121 N. Broad St, Philadelphia 7, Pa	LO4-2151
DC	Ken Randall Co	1303 Midvale Ave. Baltimore 21, Md	RI7-5260
Fla	Smith-Duckett Associates	P.O. Box 1946, Stuart, Fla	AT7-1252
Ga	Grady Duckett Sales Co	P.O. Box 11657, Atlanta, Ga	CE3-5308
Idaho	Hyde Electronics Co	888 S. Lipan St. Denver, Colo	WE6-3456
Ill	Leroy W Beier Co	4518 W. North Ave, Chicago 35, Ill	BE7-2420
Ind	L W Beier Co	4518 W. North Ave, Chicago 35, Ill	BE7-2420
Ind	Beedle Equipment Co	Rosslawn Ctr Bldg, Cincinnati 37, Ohio	JE1-2540
Iowa	W E Fry & Co., Inc	405 W. 34th St, Kansas City 11, Mo	JE1-5236
Kan	W E Fry & Co., Inc	405 W. 34th St, Kansas City 11, Mo	JE1-5236
Ky	Beedle Eqpt Co	Rosslawn Center Bldg. Cinc 37, Ohio	JE1-2540
Me	G M Hathaway Elec Inc	238 Main St, Cambridge 42, Mass	KI7-0380
Md	Ken Randall Co	1303 Midvale Ave. Baltimore	RI7-5260
Mass	G M Hathaway Elec Inc	238 Main St, Cambridge 42, Mass	KI7-0380
Mich	Koehler-Pasmore	1833 Hamilton, Detroit 3, Mich	TO8-3122
Minn	H M Richardson & Co., Inc	9 E. 22nd St, Minneapolis 4, Minn	FE6-4078
Miss	Threlkeld-Duckett Associates	P.O. Box 733, Birmingham, Ala	
Mo	W E Fry & Co., Inc	405 W. 34th St, Kansas City 11, Mo	JE1-5236
Mont	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Neb	W E Fry & Co., Inc	405 W. 34th St, Kansas City 11, Mo	JE1-5236
Nev	E V Roberts & Associates	1120 Tulane Dr, S.E., Albuquerque, NM	AL5-7304
NH	G M Hathaway Elec Inc	238 Main St, Cambridge, Mass	KI7-0380
NJ	Podayn-Schmidt	207 Hackensack St, Wood-Ridge, NJ	GE8-2780
NM	E V Roberts & Associates	1120 Tulane Dr, S.E., Albuquerque, NM	AL5-7304
NY	M H R Precision Meter Div	24-30 Skillman Ave. L I C 1	ST6-5005
NY	Robert F Lamb Co.	3407 Delaware Ave, Buffalo 17, NY	BE3757
NY	J F Wohlforth	4505 E. Genesee St, DeWitt 14, NY	GI6-3330
NC	Fanning-Duckett Associates	P.O. Box 11402, Charlotte 9, NC	JA3-6937
ND	H M Richardson & Co., Inc	9 E. 22nd St, Minneapolis 4, Minn	FE6-4078
Ohio	Robert K Deunk & Assoc	13005 Chippewa, Cleve 4	JA6-4317
Ohio	Beedle Equipment Co	Rosslawn Ctr Bldg, Cincinnati 37, Ohio	JE1-2540
Okla	John A Green Co	Box 911, Tulsa	
Ore	M H R Precision Meter Div	2500 SE. Belmont, Portland 14	BE4-7481
Pa	Robert K Deunk & Assoc	13005 Chippewa, Cleve 4., Ohio	JA6-4317
Pa	Ken Randall Co	121 N. Broad St, Philadelphia 7, Pa	LO4-2151
RI	G M Hathaway Elec Inc	238 Main St, Cambridge, Mass	KI7-0380
SC	Fanning-Duckett Associates	P.O. Box 11402, Charlotte 9, NC	JA3-6937
SD	H M Richardson & Co., Inc	9 E. 22nd St, Minneapolis 4, Minn	FE6-4078
Tenn	Grady Duckett Sales Co	Box 11657, Atlanta, Ga	CE3-5308
Tex	E V Roberts & Assoc	1120 Tulane Dr. SE. Albuquerque, NM	AL5-7304
Tex	J A Green Co	7118 Envoy Ct, Dallas, Tex	FL1-3347
Utah	Hyde Electronics Co	2504 Conner St, Salt Lake City 9, Utah	IN7-5761
Vt	G M Hathaway Elec Inc	238 Main St, Cambridge, Mass	KI7-0380
Va	Ken Randall Co	1303 Midvale Ave. Baltimore, Md	RI7-5260
Wash	M H R Precision Meter Div	431 Pontius Ave. Seattle 9	MU2-4580
W. Va	Robert K Deunk & Associates	13005 Chippewa, Brecksville, Ohio	JA6-4317
Wis	H M Richardson & Co. Inc	9 E. 22nd St. Mpls, Minn	FE6-4078
Wisc	Leroy W Beier Co	4518 W. North Ave, Chicago 35, Ill	BE7-2420
Wyo	Hyde Electronics Co.	888 S. Lipan St, Denver 23, Colo	WE6-3456
For	M H R Intl. Div	Wayne & Windrim Aves. Phila, Pa	DA9-8300

MINNESOTA MINING & MFG CO CHEMICAL DIV — 900 Bush Ave, St. Paul 6, Minn — PR6-8511

265-315-695-748-900-1290-1505

TERR			TEL. NO.
Cal	Minnesota Mining & Mfg. Co	6023 S Garfield Ave. Los Angeles 22	
Cal	Minnesota Mining & Mfg Co	320 Shaw Rd. S. San Francisco 10	
Ga	Minnesota Mining & Mfg Co	732 Ashby St, N.W., Atlanta 18, Ga	
Ill	Minnesota Mining & Mfg Co	6850 S. Harlem Ave, Bedford Park, Ill	
Mass	Minnesota Mining & Mfg Co	1130 Centre St, Newton Center 59, Mass	
Minn	Minnesota Mining & Mfg Co	367 Grove St. St Paul	
NJ	Minnesota Mining & Mfg. Co	700 Grand Ave, Ridgefield	
NY	Minnesota Mining & Mfg. Co	PO Box 2012, Buffalo 6	
Ohio	Minnesota Mining & Mfg Co	4835 Para Dr, Cincinnati 37, Ohio	
Ohio	Minnesota Mining & Mfg Co	12200 Brookpark Rd, Cleveland 30, Ohio	
Pa	Minnesota Mining & Mfg Co	5698 Rising Sun Ave, Philadelphia 20, Pa	

MINNESOTA MINING & MFG CO ELECTRICAL TAPES — 900 Bush Ave, St. Paul, Minn — PR6-8511

R Striedms G 30-315-345-620-625-900-1240-1290-1505-1755-1890-1930

TERR			TEL. NO.
Cal	3M Co	6023 S Garfield Ave. L A 22	RA3-6641
Cal	3M Co	320 Shaw Rd. S San Francisco	PL6-0800
DC	3M Government Office	425-13th St. NW, Wash 4	NA8-9480
Ga	3M Co	732 Ashby St. NW, Atlanta 18	TR6-4401
Haw	3M Co	1400 Kapiolani Blvd. Honolulu 14	996483
Ill	3M Co	6850 Harlem Ave, Argo PO, Bedford Park	GL8-2200
Mass	3M Co	1130 Centre St. Newton Center 59	DE2-9810
Mich	3M Co	411 Piquette, Detroit 2	TR5-7111
Mich	3M Co	815 Monroe Ave. Grand Rapids 4	GL6-8577
Mo	3M Co	Box 510, St Louis 66	
Mo	3M Co	10725 Baur Blvd. St Louis 32	WY1-1320
NJ	3M Co	700 Grand Ave. Ridgefield	WH3-6700
NY	3M Co	PO Box 2012-330 Greene St. Buffalo	BA5214
NC	3M Co	2401 Brevard St. High Point 3	3496
Ohio	3M Co	4835 Para Dr. Cinc 37	EL1-2313
Ohio	3M Co	12200 Brookpark Rd. Cleve 30	CL2-4300
Ohio	3M Co	51 Penn Ave. Dayton 19	AX9-8261
Pa	3M Co	5698 Rising Sun Ave. Phila	PI2-0200
Tex	3M Co	2121 Santa Anna Ave. Dallas 28	DA7-7311
Wash	3M Co	3663 1st Ave. S, Seattle 4	MU2-5550

MINNESOTA MINING & MFG CO MAGNETIC PRODS DIV — 900 Bush ave, St. Paul 6, Minn — PR6-8511

D Denhem *20,000 G 338-810-1760

TERR			TEL. NO.
Alaska	Vern N Smith	Star Rt B, Box 3889 N., Spenard, Alaska	
Cal	Minnesota Mining & Mfg Co	446 N. Labrea Ave, Hollywood 36, Cal	WE1-1289
Cal	Minnesota Mining & Mfg Co	6023 S. Garfield Ave, Los Angeles 22	RA3-6641
Cal	Minnesota Mining & Mfg Co	320 Shaw Rd, S. San Francisco, Cal	PL6-0800
DC	Minnesota Mining & Mfg Co	425-13th St, N.W., Wash 4, DC	NA8-9480
Ga	Minnesota Mining & Mfg Co	732 Ashby St, N.W., Atlanta 18, Ga	TR6-4401
Hawaii	W E MacGeorge	1400 Kapiolani Blvd, Honolulu 14, Hawaii	99-6483
Ill	Minnesota Mining & Mfg Co	6850 Harlem Ave, Bedford Park, Ill	GL8-2200
Mass	Minnesota Mining & Mfg Co	1130 Centre St, Newton Center 59, Mass	DE2-9810
Mich	Minnesota Mining & Mfg Co	411 Piquette, Detroit 2, Mich	TR5-7111
Mich	Minnesota Mining & Mfg Co	815 Monroe Ave, Grand Rapids 4, Mich	GL6-8577
Mo	Minnesota Mining & Mfg Co	10725 Baur Blvd, St. Louis 14, Mo	WY1-1320
NJ	Minnesota Mining & Mfg Co	700 Grand Ave, Ridgefield, NJ	OR5-5530
NY	Minnesota Mining & Mfg Co	330 Greene St, Buffalo 6, New York	BA5214
NC	Minnesota Mining & Mfg Co	2401 Brevard St, High Point, NC	3496
Ohio	Minnesota Mining & Mfg Co	4835 Para Dr, Cincinnati 37, Ohio	EL1-2313
Ohio	Minnesota Mining & Mfg Co	12200 Brook Park Rd, Cleveland 30, Ohio	CL2-4300
Pa	Minnesota Mining & Mfg Co	5698 Rising Sun Ave, Philadelphia 20	PI2-0200
Tex	Minnesota Mining & Mfg Co	2121 Santa Anna Ave, Dallas 28, Tex	DA7-7311
Wash	Minnesota Mining & Mfg Co	3663 First Ave, S., Seattle 4, Wash	MU2-5550
Foreign	MM&M International Sales Office	99 Park Ave, New York 16, NY	OX7-2240

MINNESOTA RUBBER CO. — 3630 Wooddale Ave. Minneapolis, Minn — WE9-6781

C Kirkpatrick #20 *470 E 750-770-1290-1505-1545-1755

TERR			TEL. NO.
Cal	Minnesota Rubber Co	7050 Barton Blvd, Hollywood 28, Cal	HO2-0768
Colo	C F L Co	1871 S. Broadway, Denver 9, Colo	SP7-4381
Ill	Minnesota Rubber Co	5604 N. Western Ave, Chicago 45, Ill	ARL-3777
Ill	Minnesota Rubber Co	1505 25th St, Moline, Ill	MO2-7133
Mich	Minnesota Rubber Co	3004 Washington Ave, St. Joseph, Mich	YU3-5[illegible]
Mich	Minnesota Rubber Co	P.O. Box 4082, Redford Sta, Detroit, Mich	KE5-5[illegible]
Miss	Minnesota Rubber Co	7933 Clayton Rd, St. Louis 17, Mo	PA5-9400
Mo	Minnesota Rubber Co	7933 Clayton Rd, St. Louis 17, Mo	PA5-9400
NY	Minnesota Rubber Co	38 Rose Ct, Buffalo 26, NY	CO0122
NY	Minnesota Rubber Co	8 Riverview Ave, Rutherford, NJ	GE8-2[illegible]
Ohio	Minnesota Rubber Co	4188 Pearl Rd, Cleveland 9, Ohio	TU6-0990
Ore	Northwest Industrial Sales Co	213 N.W. 10th Ave, Portland 9, Ore	CA3-[illegible]
Pa	Minnesota Rubber Co	P.O. Box 269, Haddonfield, NJ	HA8-4[illegible]
Tex	Andy & Assoc	5531 Dyer St. Dallas 6	EM8-8811
Tex	Triplex Rubber & Supply Co	P.O. Box 7352, Houston 8, Tex	WA6-4[illegible]
Wisc	Minnesota Rubber Co	1409 N. 27th St, Milwaukee 8, Wisc	DI2-[illegible]

MINOR RUBBER CO., INC — 49 Ackerman St, Bloomfield, NJ — ED8-6[illegible]

S Messing #3 *500 30-80-85-750-770-900-975-1170-1505-1545

MINSHALL ORGAN INC — 28 Birge St, Brattleboro, Vt — AL4-2391

280

TERR			TEL. NO.
Conn	Walworth Controls Co	131 Main St, Rocky Hill, Conn	JA9-6806
Me	Walworth Controls Co	131 Main St, Rocky Hill, Conn	JA9-6806
Mass	Walworth Controls Co	131 Main St, Rocky Hill, Conn	JA9-6806
NH	Walworth Controls Co	131 Main St, Rocky Hill, Conn	JA9-6806
RI	Walworth Controls Co	131 Main St, Rocky Hill, Conn	JA9-6806
Vt	Walworth Controls Co	131 Main St, Rocky Hill, Conn	JA9-6806

MIRATEL INC — 1 St SE & Richardson, New Brighton 12 Minn — ME3-1742

N Ritter #6 *63 C 325-895-910-1150-1235-1425-1460-1845-1870-1895-1910

MIRRO ALUMINUM CO — 1525 Washington St. Manitowoc, Wis — MU4-4421

L Johnson *2200 G 1125-1580

TERR			TEL. NO.
Cal	Mirro Aluminum Co	145 King St, San Francisco 7, Cal	YU2-6118
Ill	Mirro Aluminum Co	1120 Merchandise Mart, Chicago 54, Ill	DE7-30[illegible]
NY	Mirro Aluminum Co	200 5th Ave, New York 10, NY	OR5-333[illegible]

MISCO PRECISION CASTING CO. — 116 W. Gibbs St, Whitehall, Mich — TW3-1515

K Yonker #25 *700 F 233-315

TERR			TEL. NO.
Ariz	Bruce Irwin	3033 N Central Ave. Phoenix	CR9-0791
Cal	Martin P Tingram	6253 Hollywood Blvd. LA 28	HO3-2271
Cal	Garren Rea	508 Cowper St. Palo Alto	DA1-0776
Conn	W D Johnson	116 Dannell Dr. Stamford	FI8-1878
Conn	John Monahan	51 Cheshire Rd., S Meriden	BE5-2237
Conn	Norman R Dahlstrom	43 Circle Dr. Windsor Locks	NA3-7343
Fla	Southern Dynamics, Inc	1500 W Church St. Orlando	CH1-9587
Mich	Raymond Hollander	26362 Pillsbury Rd., Farmington	GR4-0354
NY	H S Chandler	45 N Station Plaza, Great Neck	HU7-2200
NY	L C Furman	107 Greenfield St., Buffalo 14	TF6-3674
Ohio	Andrew Reman	491 E 274th St., Euclid	AN1-3081
Pa	J D Kirst	401 Grant Bldg., Pittsbgh 19	AT1-0533
Tenn	H L Soplee	119 Hillside Dr., Chattanooga	MA2-1232
Tex	Bauer Co., The	1017 Norwood St., Fort Worth	ED6-4884
Utah	Sanford Co	Box 122, Foothill Sta. Salt Lake City	IN6-2817
Wash	J E Caraher	444 Dexter Horton Bldg., Seattle 4	MU2-3889

MISKELLA INFRA-RED CO., THE — E. 73rd & Grand Ave, Cleveland 4, Ohio — HE1-2210

G Fattok A 575-820-885-1215

MISSILE SYSTEMS CORP — 11949 Vose St, N. Hollywood, Cal — PO5-9041

R Oswald #3 *60 D 185-190

TERR			TEL. NO.
Ala	Russell Associates Inc	165 Ormoco Dr, Brightwaters, NY	MO6-6500
Conn	Russell Associates Inc	165 Ormoco Dr, Brightwaters, NY	MO6-6500
Fla	Russell Assoc Inc	191 W Fairbanks, Winter Park	MI7-2251
Ga	Russell Assoc Inc	3179 Maple Dr. Atlanta 5	CE7-0788
Md	Russell Assoc Inc	518 Virginia Ave. Baltimore	VA3-3350
Mich	Russell Assoc Inc	24534 Five Mile Rd. Detroit	KE2-5770
NY	Russell Associates	165 Ormoco Dr, Brightwaters, NY	MO6-6500
Ohio	Russell Assoc Inc	4 Eswin St. Cinc	WE1-0930

MISSIMERS INC — 3737 San Fernando Rd, Glendale, Cal — CH5-8471

T Donohoe #4 *48 250-370

TERR			TEL. NO.
Cal	Pacific Scientific Co	P.O. Box 22019, Los Angeles 22, Cal	SP3-[illegible]
Cal	Pacific Scientific Co	1350 Fifth Ave, San Diego 1, Cal	BE2-0156
Cal	Pacific Scientific Co	750 Harrison St, San Francisco 7, Cal	DO2-0994
Ore	Pacific Scientific Co	1218 S.E. Seventh Ave, Portland 14, Ore	BE4-9747
Tex	Pacific Scientific Co	712A E Abram St. Arlington	CR5-3236
Wash	Pacific Scientific Co	421 Michigan St. Seattle 8	PA5-7000

MISSOURI RESEARCH LABS INC — 2109 Locust St, St. Louis 3, Mo — CH1-7875

338-340-755-895-1610

MITCHELL CO., E C — 404 Boston St, Middleton, Mass — SP4-1191

E Mitchell 05

MITCHELL RAND MFG CORP — 51 Murray St. New York 7, NY — CO7-9264

T Cunningham *50 E 900-1135-1290

● **MITRONICS INC** — 132 Floral Ave. Murray Hill, NJ — 277-3400

#5 *100 D 220-240-1545

TERR			TEL. NO.
Ala	Candor Co	2030 Beach St, Winston Salem, NC	PA2-1432
Ariz	Heum & Scheer	3960 Barham Blvd, Hollywood 28, Cal	HO2-7357
Cal	Heum & Scheer	3960 Barham Blvd, Hollywood 28	HO2-7357
Conn	Samuel C Hooker Inc	Box 322, Danbury	PI1-8775
Del	Mid Eastern Assoc	Box 316, Levittown, Pa	WI9-1195
DC	Mid Eastern Assoc	Box 316, Levittown, Pa	WI9-1195
Fla	Candor Co	Box 1224, Orlando	GA2-9848
Ga	Candor Co	Box 1224, Orlando, Fla	GA2-9848

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ill	Karl D Engle Co	4724 N. Sheridan Rd. Chicago 40	UP8-6363
Ind	Karl D Engle Co	4724 N. Sheridan Rd. Chicago 40, Ill	UP8-6363
Me	Samuel C Hooker Inc	397 Highland Ave. Winchester, Mass	PA9-2745
Md	Mid Eastern Assoc	Box 106 Levittown, Pa	WI9-1195
Mass	Samuel C Hooker Inc	397 Highland Ave. Winchester	PA9-2745
Miss	Candor Co	2080 Beach St. Winston Salem, NC	PA2-1432
NH	Samuel C Hooker Inc	397 Highland Ave. Winchester, Mass	PA9-2745
NJ	F F Sylvester Assoc	Box 14, Springfield	DR6-3324
NY	Wally B Swank Inc	2318 Bellevue Ave. Syracuse	GA6-2141
NY	F F Sylvester Assoc	Box 14, Springfield, NJ	DR6-3324
NC	Candor Co	2080 Beach St. Winston Salem	PA2-1432
Ohio	A Natalino Assoc	Box 544, Stow	OV8-3939
Pa	A Natalino Assoc	Box 644, Stow, Ohio	OV8-3939
RI	Samuel C Hooker Inc	397 Highland Ave. Winchester, Mass	PA9-2745
SC	Candor Co	2080 Beach St. Winston Salem NC	PA2-1432
Tenn	Candor Co	2080 Beach St. Winston Salem, NC	PA2-1432
Tex	Heim & Scheer	3360 Barham Blvd. Hollywood 28, Cal	HO2-7357
Vt	Samuel C Hooker Inc	397 Highland Ave. Winchester, Mass	PA9-2745
Va	Candor Co	2080 Beach St. Winston Salem, NC	PA2-1432
For	Samuel C Hooker Ltd	2425 Grant Blvd. Montreal 28, Que	HU6-1221
For	Ma-Co-Ma Ltd	12A Golden Sq. London W1, Eng	
•	MITSUMI ELECTRIC CO. LTD	1056 Koadachi, Komae-cho Kitatama-gun Tokyo, Jap	416-2619
	H Tsuchiya 45-220-925-1165-1330-1630-1855		
NY	Marubeni-Lida (Amer) Inc	39 Broadway New York 6	WH4-9100
•	MNEMOTRON CORP	45 S Main St. Pearl River, NY	PE5-4015
	H Rosenfeld 338-895-1435		
Ala	W A Brown Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Alas	Arva, Inc	1320 Prospect St. Seattle 9, Wash	MA2-0177
Conn	Wild & Assoc. Inc	1519 Northern Blvd. Roslyn, NY	MA1-8660
Del	W A Brown Assoc. Inc	3610 Mt Vernon Ave. Alexandria, Va	TE6-1800
DC	W A Brown Assoc. Inc	3610 Mt Vernon Ave. Alexandria, Va	TE6-1800
Fla	W A Brown Assoc. Inc	201 Capron Rd. Indian River City	AM7-0411
Ga	W A Brown Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Haw	Arva, Inc	1320 Prospect St. Seattle 9, Wash	MA2-0177
Idoh	Arva, Inc	1320 Prospect St. Seattle 9, Wash	MA2-0177
Me	Wild & Assoc. Inc	Box 66, Needham, Mass	HI4-2366
Md	W A Brown Assoc. Inc	3610 Mt Vernon Ave. Alexandria, Va	TE6-1800
Mass	Wild & Assoc. Inc	Box 66, Needham	HI4-2366
Mich	Elliott-Sarles Co	23473 Concord Dr. Westlake, Ohio	ED1-8911
Miss	W A Brown Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Mont	Arva, Inc	1320 Prospect St. Seattle 9, Wash	MA2-0177
NH	Wild & Assoc. Inc	Box 66, Needham, Mass	HI4-2366
NJ	Wild & Assoc. Inc	1519 Northern Blvd. Roslyn, NY	MA1-8660
NY	Wild & Assoc. Inc	1519 Northern Blvd. Roslyn	MA1-8660
NC	W A Brown Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Ohio	Elliott-Sarles Co	23473 Concord Dr. Westlake	ED1-8911
Ore	Arva, Inc	1320 Prospect St. Seattle 9, Wash	MA2-0177
Pa	Wild & Assoc. Inc	Box 66, Southampton	LO8-7078
RI	Wild & Assoc. Inc	Box 66, Needham, Mass	HI4-2366
SC	W A Brown Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Tenn	W A Brown Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Tex	Scientific Sales Co	3677 Lemmon Ave. Dallas 19	
Vt	Wild & Assoc. Inc	Box 66, Needham, Mass	HI4-2366
Va	W A Brown Assoc. Inc	3610 Mt Vernon Ave. Alexandria	TE6-1800
Wash	Arva, Inc	1320 Prospect St. Seattle 9	MA2-0177
W Va	W A Brown Assoc. Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Can	Arva, Inc	1320 Prospect St. Seattle 9, Wash	MA2-0177
	MOBAY CHEMICAL CO	Penn Lincoln Pkwy, W., Pittsburgh, Pa	BR9-2700
	W McGregor 1290-1505		
Cal	Mobay Chemical Co	6670 E. Flotilla St. Los Angeles 22, Cal	RA3-6019
Mo	Mobay Chemical Co	225 S Meramec Ave. Clayton 5	PA6-3400
NY	Mobay Chemical Co	405 Lexington Ave, New York 17, NY	OX7-8766
Ohio	Mobay Chemical Co	692 E Market St. Akron 4	PO2-0951
	MOBIL ELECTRONICS INC	1111 State Rd. 67E, Anderson, Ind	643-7787
	J Hart #2 *10 A 135-180-230-260-360-895-1390		
Fla	L E Barnhart	1003 Cortez Rd. Jacksonville 11, Fla	RA4-0987
NY	Irving Becker	635 E. 14th St. New York 9, NY	PL7-6454
Ohio	M E Tyson	840 Colfax St. Toledo, Ohio	CH6-4080
Ore	Roger M Winthorne	7673 SW Taylor's Ferry Rd. Portland 19	CH6-4556
Pa	H A Goodman	401 W. Mt. Airy Ave, Philadelphia 19, Pa	CH7-7116
•	MODEL ENGR. & MFG. CORP	50 Frederick St. Huntington, Ind	104
	W Hughes #70 *769 E 20-35-45-50-185-190-220-325-330-338-340-360-365-385-775-780-895-915-1035-1120-1135-1200-1425-1455		
Ala	Technical Development Co. Inc	3309 S. Memorial Parkway, Huntsville	5390424
Ark	All South Sales & Engineering	1288 Mayhl Dr, Memphis, Tenn	EX7-5535
Cal	C K Brust	2301 S. Olive Santa Ana	KI5-3043
Cal	Ralph Beal	Box 907, Palo Alto	DA1-8501
Cal	Paul Herr	1900 East A St. Ontario	YU4-2543
DC	Col Orren Jones	1518 K St. NW Wash	ME8-2550
Ill	Gilbert Calkins	372 Oakwood Ct. Palatine, Ill	FL8-3047
Ill	M M Jones	2800 Milwaukee Ave. Chicago	EV4-2646
Ill	Ralph Roussey & Assoc	7803 W. Lake St. River Forest	FO9-6523
Ind	Freeman M Guest	1428 Poplar St. Huntington	3655
La	All South Sales & Engineering	1288 Mayhl Dr, Memphis, Tenn	EX7-5535
Miss	All South Sales & Engineering	1288 Mayhl Dr, Memphis, Tenn	EX7-5535
Mo	Pem Sales Co	12661 Chantilee Ln. St. Louis	HE2-4445
NJ	Lomont Associates	P.O. Box 72, Horsham, Pa	OS5-8133
NY	A J Anderson	35 Riverdale Ave, W Amityville	AM4-4321
Ohio	Mark Assoc	1702 Mack Ave. Dayton	BA3-8859
Ohio	Michael Caputo	23806 E. Silsby Rd, Beachwood, Ohio	EV2-3156
Ohio	H T Colling Co	3412 Brotman St. Cincinnati, Ohio	KI1-2807
Pa	Lomont Associates	P.O. Box 72, Horsham, Pa	OS5-8133
Tenn	John Rier	Signal Mt.	TU6-1297
Tenn	All South Sales & Engineering	1288 Mayhl Dr, Memphis, Tenn	EX7-5535
Tex	T W Ecklund	Box 12151, Fort Worth	PE8-9773
Utah	Subsidiary Montek Inc	4675 S. State St. Salt Lake City	AM2-2464
Wash	Consolidated Service Inc	423 3rd Ave. W. Seattle	
	MODEL RECTIFIER CORP	1675 Utica Ave, Brooklyn 34, NY	CL8-6800
	A Iett #3 *45 D 255-365-1340-1480		
	MODELECTRIC PRODUCTS CORP	1500 Bangs Ave, Asbury Park, NJ	PR4-2519
	C Nadler #2 *26 B 320-795-875-1645-1855		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	MODERN INDUSTRIES INC	5755 Camille Ave, Culver City, Cal	UP0-2020
	330-365-915-1340		
Ariz	Lee Grant Snyder Co	1418 N. Highland Ave, Hollywood 28, Cal	HO9-6278
Cal	Lee Grant Snyder Co	1418 N. Highland Ave, Hollywood 28, Cal	HO9-6278
	MODERN MFG CO., INC	680 Davisville Rd, Willow Grove 10, Pa	OL9-4820
	K Farragut #2 *35 C 1825		
Ariz	Copper State Machinery Co	2929 E McDowell Rd. Phoenix	
Cal	W E Ferris	422 W Rosés Rd. San Gabriel	
Colo	Union Supply Co	5460 Colorado Blvd. Denver 16	
DC	Rudolph & West Co	921 Rhode Island Ave. Wash 2	
Haw	Walter A Anderson	2011 Pamakai St. Honolulu 17	
Ill	Brook Tool & Supply Co	4525 Ravenswood, Chicago 40	
Ind	E L Humston Co. Inc	1616 N Illinois St. Indianapolis 12	
Iowa	R C Shepler	6425 Elmcrest Dr. Des Moines 11	
Kan	White Star Machinery & Supply	301 N St Francis, Wichita 2	
Ky	Robert S Schmitt Co	306 E Main St. Louisville 1	
La	Dixie Mill Supply Co	St Joseph St. New Orleans	
Md	Electric Power Tools, Inc	111 N Wheeler Ave. Baltimore	
Mass	Viking Sales Inc	890 Hartford Pike, Shrewsbury	
Mich	Easco Products	Box 587, Ypsilanti	
Minn	Martin Machine Tool Co	2117 Hennepin Ave. Minneapolis 8	
Mo	Benz Associates, Inc	451 Somerset Ave. Webster Groves 19	
Neb	Lambert Tool & Supply Co	1817 Cass St. Omaha 2	
NH	Viking Sales, Inc	890 Hartford Pike, Shrewsbury, Mass	
NJ	Jaeger Lumber & Supply Co	2322 Morris Ave. Union	
NM	Electric Service, Inc	1007 Bridge Blvd SW, Albuquerque	
NY	Morris Abrams, Inc	90 Hudson St. New York 13	
NC	Machinery-Supply Co	1100 N Tryon St. Charlotte	
ND	R C Shepler	6425 Elmcrest Dr. Des Moines, Iowa	
Ohio	Jackson Tool & Supply Co	1537 Superior Ave. Cleveland	
Okla	Brown Machinery Co	1125 Exchange Ave. Oklahoma City	
Ore	Star Machinery Co	241 Lander St. Seattle 4, Wash	
RI	Viking Sales, Inc	890 Hartford Pike, Shrewsbury, Mass	
SC	Fortson Welding Co	1001 E Stone Ave. Greenville	
SD	R C Shepler	6425 Elmcrest Dr. Des Moines 11, Iowa	
Tenn	Knox-Tenn Equipment Co	Box 3013, Knoxville	
Tex	Easco Products	Box 587, Ypsilanti, Mich	
Utah	Capitol City Steel Co	324 W 8th S, Salt Lake City	
Va	Smith-Courtney Co	7th & Bainbridge Sts. Richmond 11	
Wash	Star Machinery Co	241 Lander St. Seattle 4	
Wis	W E Thew Supply Co. Inc	339 S Broadway St. Green Bay	
	MODINE MFG CO	1618 Dekoven Ave. Racine, Wis	ME3-2411
	L Lemack *2400 G 370-825		
	MOHAWK WIRE & CABLE CORP	320 River St, Fitchburg, Mass	DI3-3569
	190-1960		
	MOISTURE REGISTER CO	1510 W.Chestnut St, Alhambra, Cal	CU3-3143
	R McLean #1 *15 B 360-895		
Ala	Southeast Engineers Inc	3606-6th Ave, S., Birmingham 6, Ala	LY2-7201
Alaska	James L Kearns Co	6055 N.E. Glisan, Portland, Ore	BE6-2444
Cal	E S Browning Co	1515 Third St, San Francisco, Cal	DO2-0631
Conn	Osgood Engineering Co	110 Pleasant St, Malden 48, Mass	MA4-6008
Ga	Southeast Engineers Inc	3606-6th Ave, S., Birmingham 6, Ala	LY2-7201
Ill	Fred A Jensen & Associates	510 N. Dearborn St, Chicago 10, Ill	SU7-3809
La	Edgar Murray Supply Co	232 Canal St, New Orleans 6, La	TU0481
Me	Osgood Engineering Co	110 Pleasant St, Malden 48, Mass	MA4-6008
Mass	Osgood Engineering Co	110 Pleasant St, Malden 48, Mass	MA4-6008
Mich	O H Osgood Co	4181 Oakman Blvd, Detroit 4, Mich	TE4-4161
Miss	Edgar Murray Supply Co	232 Canal St, New Orleans 6, La	TU0481
Mo	W W Thayer Co	7347 Overbrook Dr, St Louis 21, Mo	EV5-7483
NH	Osgood Engineering Co	110 Pleasant St, Malden 48, Mass	MA4-6008
NY	Marshall Industrial Sales	60 E. 42nd St, New York 17, NY	YU6-3590
NC	Associated Agents Inc	P.O. Box 2513, Greensboro, NC	BR4-3051
Ohio	Merrifield Co	730 Brooks Ave, Cincinnati 15, Ohio	VA1-1338
Ohio	Tru-Line Sales	15017 Detroit Ave, Cleveland 7, Ohio	AC6-4300
Ore	James L Kearns Co	6055 N.E. Glisan, Portland, Ore	BE6-2444
Pa	Wm E Hagan Co	P.O. Box 134, Penndel, Pa	WI5-7126
RI	Osgood Engineering Co	110 Pleasant St, Malden 48, Mass	MA4-6008
SC	Associated Agents Inc	P.O. Box 2513, Greensboro, NC	BR4-3051
Utah	C H Spencer & Co	210 W. 33rd S., Salt Lake City, Utah	IN6-8683
Vt	Osgood Engineering Co	110 Pleasant St, Malden 48, Mass	MA4-6008
Va	Associated Agents Inc	P.O. Box 2513, Greensboro, NC	BR4-3051
Wash	James L Kearns Co	6055 N.E. Glisan, Portland, Ore	BE6-2444
Wisc	Fred A Jensen & Associates	510 N. Dearborn St, Chicago 10, Ill	SU7-3809
	MOLDED FIBERGLASS SHEET CO.	4308 Benefit Ave, Ashtabula, Ohio	WY3-2174
	R Gilbert #3 *350 G 1290		
Ill	J J Glenn	605 W Washington Blvd. Chicago	ST2-9667
NJ	Molded Fiber Glass Sheet Co	429 Hope Ave, Passaic, NJ	PR8-0637
Pa	Insulation Systems	4110 Penn Ave. Pittsburgh	MA1-0956
Can	Paisley Prods of Can	36 Upton Rd. Scarborough, Ont	PL5-2216
	MOLDED INSULATION CO	335 E. Price St, Philadelphia 44, Pa	VI4-2626
	W Barger #45 *550 F 220-280-320-345-360-375-480-585-850-895-925-1125-1135-1150-1255-1290-1315-1325-1405-1425-1460-1735-1780-1785-1790		
Cal	Bob Lacey & Assoc	123 Center Str, El Segundo, Cal	EA2-4626
	MOLDING CORP. OF AMERICA	42 Church St. Pawtucket, RI	PA6-2100
	J Tate #2 *18 B 65-175-345-715-790-800-905-960-1285-1290-1315-1485-1780-1785		
	MOLE-RICHARDSON CO	937 N Sycamore Ave. Hollywood 38, Cal	OL4-3660
	#2 *40 D 1020		
	MOLECTRONICS DIV. MOTEC IND. INC	6344 Arizona Circle, LA 45, Cal	OR1-7681
	F Arnwood #7 *120 F 325-330-338-360-365-440-670-895-915-1135-1470-1730-1810-1855-1865		
NJ	Molectronics	Saddle Brook	HU9-1331
Ohio	Max Gams	1018 Knott Bldg. Dayton	BA4-4761
	MOLECULAR ELECTRONICS CO.	71 Monroe St. Garfield, NJ	PR3-5119
	V Palmeri #3 *7 A 900-1475-1540-1545-1890-1960		
Ariz	Western Electronic Enterprises	Box 1116, Gardena, Cal	
Cal	Western Electronic Enterprises	Box 1116, Gardena	
Ill	Censco	5514 W Foster Ave. Chicago	AV2-4494
Ind	Censco	5514 W Foster Ave. Chicago, Ill	AV2-4494
Mo	Censco	5514 W Foster Ave. Chicago 30, Ill	AV2-4494

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	MOLECULAR ELECTRONICS INC	85 Weyman Ave. New Rochelle, NY	BE5-4300
	J Lehmann #3 *5 895		
Ariz	Paul Nurches Co	2356 E. Foothill Blvd. Pasadena, Cal	
Cal	Paul Nurches Co	2356 E. Foothill Blvd. Pasadena	
Conn	Richard D. Frink Assoc	46 Amesbury St. Lawrence, Mass	
Del	Joslow & Assoc	8607 Lanier Dr. Silver Spring, Md	
DC	Joslow & Assoc	8607 Lanier Dr. Silver Spring, Md	
Me	Richard D Frink Assoc	46 Amesbury St. Lawrence, Mass	
Md	Joslow & Assoc	8607 Lanier Dr. Silver Spring	
Mass	Richard D Frink Assoc	46 Amesbury St. Lawrence	
Nev	Paul Nurches Co	2356 E. Foothill Blvd. Pasadena, Cal	
NH	Richard D Frink Assoc	46 Amesbury St. Lawrence, Mass	
NY	E W Stone Co. Inc	308 Merritt Ave. Syracuse 7	
RI	Richard D Frink Assoc	46 Amesbury St. Lawrence, Mass	
Vt	Richard D Frink Assoc	46 Amesbury St. Lawrence, Mass	
Va	Joslow & Assoc	8607 Lanier Dr. Silver Spring, Md	
W Va	Joslow & Assoc	8607 Lanier Dr. Silver Spring, Md	
For	Dage Corp	219 E. 44th St. NY 17, NY	
	MOLECU WIRE CORP	Rt. 537 Scobeyville, NJ	LI2-1200
	E Edmunds #5 *70 E 1960		
Cal	Heim & Scheer	3360 Barham Blvd. LA	HO2-7357
Conn	Al Young	68-36 108th St. Forest Hills, NY	BO3-0665
Del	Sam Dour	208 Russell Ave. Barrington, NJ	LI7-7383
Ill	E G Kostal & Assoc	5272 W. N. Ave. Chicago 39	TU9-1521
Ind	R O Whitesell & Assoc	6620 E. Wash. St. Indpls	FL9-5374
Iowa	Ensco	5717 Vernon Ave. St. Louis, Mo	PA6-2233
La	Hal F Corey Co	6315 Hillcrest Ave. Dallas, Tex	LA8-9172
Mich	A D Walter Co	2711 E. Jeff. Ave. Detroit	LO7-6360
Minn	D A Schultz Co	801 SE. 8th St. Mnpls	FE9-7701
NY	Woelfel Prods	2451 Niagara Dr. Buffalo	NF4-2022
Wash	H D Campbell Co	220 9th Ave. N. Seattle 9	MA4-3252
For	Mac Test Ltd	The Lye, St. Johns Woking Surrey, London, Eng	WO5211
	MOLEX PRODUCTS CO	9515 Southview Ave, Brookfield, Ill	HU5-5801
	E Schelly #5 *70 D 345-360-375-795-865-895-920-985-990-1135-1285-1315-1460-1630-1735-1780		
Cal	Stanley Weeks	28 W 37th, San Mateo	FI5-3577
Cal	C Gorham Getchell	1046 S Olive St, L A 15	RI7-1749
Conn	Abbott-Allison Co	P O Box 467, Meriden	BE7-9232
Ill	Ed S Healy	375 Grove St, Crystal Lake	459-3748
Ind	Dale Miller	3500 E 38th St, Indianapolis	LI7-5291
Mich	Root Reed	P O Box 27, Marshall	ST1-7287
Mo	Palmer Still	9415 Old Bonhomme Rd, St Louis	WY3-2077
NJ	Electrical Manufacturers Service	201 S Broadway, Camden	WO4-8014
NJ	Electrical Manufacturers Service	18 Yale St, Nutley	NO7-2541
NY	Electrical Mfgrs Service	105 Hillside Ave, E Williston Pk	PI2-1616
NY	Electrical Mfgrs Service	3001 James St, Syracuse 6	HO3-4866
Tenn	Pierson, Deakins & McGinness	3806 Tenn Ave, Chattanooga	AM6-6321
Wash	H D Campbell	220 9th Ave N, Seattle	
	MOLLY CORP	230 N. 5th St, Reading, Pa	FR6-7413
	R Forsberg #3 *50 E 125-445-1205-1535		
Cal	The Nameplt Co	P O Box 1053, Millbrae, Cal	
Colo	The Paul R Spencer Co	4080 York St, Denver, Colo	
Fla	Perry & Barr Co	P.O. Box 7842, Orlando, Fla	
Ill	Nicholas A Fagan	2735 Berwyn Ave, Chicago 25, Ill	
Mass	John N Tweedy Co	P O Box 426, Dedham, Mass	
Minn	G E Swanson Co	P.O. Box 32, Stillwater, Minn	
NM	The Paul R Spencer Co	3342 Del Rio Rd, S.W. Albuquerque, NM	
NY	L W Appell Co	21 Warren St, New York 7, NY	
Ohio	Joseph P Fagan	3100 Rosedale, Rocky River, Ohio	
Pa	Earl Hershey	53 Burnside Ave, Norristown, Pa	
SC	William I Stone Jr	E. Bridge St, St. Matthews, SC	
Tenn	Perry & Barr Co	1717 W. End Ave, Nashville, Tenn	
Tex	Felix Nelson	National City Bldg, Dallas 1, Tex	
Utah	The Paul R Spencer Co	2300 S. State St, Salt Lake City, Utah	
Canada	Madison Products Co Ltd	5674 Sherbrooke St, W., Montreal, Que, Canada	
Canada	Madison Products Co Ltd	430 Railway St, Vancouver, B C, Canada	
	MOLON MOTOR & COIL CORP	3737 Industrial Ave, Rolling Meadows, Ill	CL9-3750
	B Graf #4 *150 E 1165		
Ala	Maitland K Smith Co	208 14th St, N.W., Atlanta 13, Ga	
Ariz	Howe & Howe	4329 N 42nd Pl, Phoenix	AM5-9185
Ark	Joe M Henry	P.O. Box 3703, Tulsa, Okla	LU5-1234
Cal	Universal Electric Co	7543 Santa Monica Blvd, Los Angeles 46	HO4-8157
Cal	J F Cady Co	1485 Bayshore Blvd, San Francisco	
Conn	Walworth Controls Co	472 Old Main St, Rocky Hill	JA9-6806
Del	Victor S Malta Co	P.O. Box 4007, Philadelphia 18, Pa	VE6-5122
DC	Victor S Malta Co	P.O. Box 4007, Philadelphia 18, Pa	VE6-5122
Fla	Maitland K Smith Co	208 14th St, N.W., Atlanta 13, Ga	
Ga	Maitland K Smith Co	208 14th St, N.W., Atlanta 13, Ga	
Ill	Comar Electric Co	3349 Addison Ave, Chicago, Ill	JU8-2410
Ind	Ralph J Haffey Co	6829 Coldwater Rd, Ft. Wayne, Ind	TR7381
Iowa	George E Harris Co	525 Merchants Nat'l Bank, Cedar Rapids	EM2-6302
Kan	George E Harris Co	2512 E Douglas Ave, Wichita 8	MU2-2731
Ky	Ralph J Haffey Co	6829 Coldwater Rd, Ft. Wayne, Ind	TR7381
La	Joe M Henry	P.O. Box 3703, Tulsa, Okla	LU5-1234
Md	Victor S Malta Co	P.O. Box 4007, Philadelphia 18, Pa	VE6-5122
Mich	Ralph J Haffey Co	6829 Coldwater Rd, Ft. Wayne, Ind	TR7381
Minn	Dale Merrick	1960 W Hoyt, St Paul 17	HU8-6574
Miss	Maitland K Smith Co	208 14th St, N.W., Atlanta 13, Ga	
Mo	George E Harris Co	3537 Broadway, Kansas City	WE1-4884
NJ	Willgold Electronic Sales Corp	P.O. Box 37, Rockville Centre, NY	4-4022
NY	Willgold Electronic Sales Corp	P.O. Box 37, Rockville Centre, NY	4-4022
NY	R W Whitcher Co	487 Ellicott Sq Bldg, Buffalo, NY	WA2517
NC	Maitland K Smith Co., Inc	920 W Hill St, Charlotte 8	FR6-5951
Ohio	Walter J Brauer & Associates	15621 Lakewood Heights Blvd, Cleveland 7	LA1-7260
Ohio	Walter J Brauer & Associates	3071 Old Orchard Dr, Cincinnati 30, Ohio	
Okla	Joe M Henry	P.O. Box 3703, Tulsa, Okla	LU5-1234
Pa	Victor S Malta Co	P.O. Box 4007, Philadelphia 18, Pa	VE6-5122
Tenn	Ralph J Haffey Co	6829 Coldwater Rd, Ft. Wayne, Ind	TR7381
Tex	Joe M Henry	P.O. Box 3703, Tulsa, Okla	LU5-1234
•	MOLONEY ELECTRIC CO	5390 Bircher Blvd, St. Louis 20, Mo	EV3-3300
	R Keiser 380-670-1135-1340-1855		
Cal	Garland-Affolter Eng. Corp	58 Sutter St. SF	EX7-1800
Cal	Garland-Affolter Eng. Corp	417 S. Hill St. LA	MA4-1864

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	S L Scraggins Co	15040 Ventura Blvd. Encino	ST8-6561
Conn	W H Whitehead & Associates	57 Whitefield St, Guilford, Conn	GL3-3762
Fla	Engineer Sales Co, Inc	3472 - 26th Ave. N. St. Petersburg 13	7-3983
Ill	Moloney Electric Co	72 W. Adams St, Chicago 3, Ill	RA6-5707
Ill	Tabb & Associates, Frank B	4022 N. Rogers, Chicago 46, Ill	KE9-4535
Ind	Moloney Electric Co	2011 N. Meridian St, Indpls 2	WA4-0506
Mass	J F Collins Co	P.O. Box 216, Belmont 78, Mass	IV4-8411
Mich	Moloney Electric Co	16929 Wyoming Ave, Detroit, Mich	DI1-1431
Minn	Bergstrom-Verburg Co	430 Midland Bank Bldg, Minneapolis	FE9-0029
Mo	Moloney Electric Co	719 Plaza Theatre Bldg, KC 12	VE1-4483
NY	Parent Engineering Corp	300 Northern Blvd, Great Neck, NY	HU2-4678
NY	V J Brown Co	P.O. Box 142, Eastwood Sta, Syracuse 6	HO3-9161
Pa	Moloney Electric Co	105 Forrest Ave, Narberth, Pa	MO4-4492
Tex	Moloney Electric Co	1306 Fidelity Union Life Bldg, Dallas	RI2-3710
Tex	P J Scanlan Co	2608 Inwood Rd, Dallas, Tex	FL1-9991
Va	Moloney Electric Co	401 Langston Bldg, Alexandria, Va	TE6-7226
	MONA INDUSTRIES, INC	**Paterson, NJ**	**AR4-8220**
	R Sommer #3 *25 E 1125		
Cal	McKesson & Robbins, Inc	5353 Jillson St, L A 22	AN9-9531
	MONADNOCK MILLS DIV UNITED CARR	**1977 1st Ave, San Leandro, Cal**	**EL7-3790**
	R Weber #5 *150 E 285-300-345-355-645-770-790-1120-1205-1290-1940		
Ala	United Carr Fastener Corp	45-11th St, N.E., Atlanta 5, Ga	TR4-3026
Cal	United-Carr Fastener Corp	727 Industrial Way, San Carlos	LY1-8875
Cal	United Carr Fastener Corp	1109 W. 8th St, Los Angeles, Cal	HU3-6810
Ga	United Carr Fastener Corp	45-11th St, N.E., Atlanta 5, Ga	TR4-3026
Ill	United Carr Fastener Corp	35 E. Wacker Dr, Chicago, Ill	FR2-8297
Mass	United Carr Fastener Corp	31 Washington St, Wellesley Hills 81	CE5-7410
Mich	United Carr Fastener Corp	2832 E. Grand Blvd, Detroit, Mich	TR3-9600
NY	United Carr Fastener Corp	475 Fifth Ave, New York, NY	MU5-3932
Tex	United Carr Fastener Corp	1500 Jackson St, Dallas, Tex	RI2-5911
Wash	United-Carr Fastener Corp	Norton Bldg, Seattle	
	MONITOR PRODUCTS CO	**815 Fremont Ave. S Pasadena, Cal**	**MU2-3761**
	J Blasier #6 *112 410-415-895		
Ala	E C Raymond & Assoc	PO Box 8215, St Petersburg, Fla	WA1-9735
Ark	Campion Sales Co	8002 Chancellor Row, Dallas 35, Tex	FL7-4095
Cal	Dezco Electronics Inc	Laurel St, San Carlos	LY1-4423
Colo	Hytronic Measurements Inc	1295 S Bannock St, Denver 23	PE3-3701
Conn	Wayne B Palicca, Inc	1787 Massachusetts Ave. Lexington, Mass	VO2-7224
Del	Harry J White Co	121 Covered Bridge Rd, Haddonfield, NJ	
DC	Harry J White Co	121 Covered Bridge Rd, Haddonfield, NJ	
Fla	E C Raymond & Assoc	PO Box 8215, St Petersburg	WA1-9735
Ga	E C Raymond & Assoc	PO Box 8215, St Petersburg, Fla	WA1-9735
Idah	Assoc Industries	1752 Rainier Ave. Seattle 44, Wash	EA5-4400
Ill	Dave Houston Co	607 E Willow Ave. Wheaton	MO8-7312
Ind	Willard Spencer Co	20144 Livernois Ave, Detroit 21, Mich	UN3-5189
Iowa	Assoc Industries	455 S Washington, Wichita 2, Kan	HO4-0391
Kan	Assoc Industries	455 S Washington, Wichita 2	HO4-0391
La	Campion Sales Co	8002 Chancellor Row, Dallas 35, Tex	FL7-4095
Me	Wayne B Palicca, Inc	1787 Massachusetts Ave. Lexington, Mass	VO2-7224
Md	Harry J White Co	304 W Pennsylvania Ave. Towson	
Mass	Wayne B Palicca Inc	1787 Massachusetts Ave. Lexington	VO2-7224
Mich	William Spencer Co	20144 Livernois Ave. Detroit 21	UN3-5189
Mo	Assoc Industries	455 S Washington, Wichita 2, Kan	HO4-0391
Mont	Hytronic Measurements Inc	2022 S Main, Salt Lake City, Utah	IN6-4924
Neb	Assoc Industries	455 S Washington, Wichita 2, Kan	HO4-0391
NH	Wayne B Palicca, Inc	1787 Massachusetts Ave, Lexington, Mass	VO2-7224
NJ	A B III, Jr	PO Box 215, Valley Stream, NY	LO1-7660
NM	Hytronic Measurements Inc	212 Sierra SE, Albuquerque	AL5-8869
NY	A B III, Jr	PO Box 215, Valley Stream	LO1-7660
NC	E C Raymond & Assoc	PO Box 8215, St Petersburg, Fla	WA1-9135
Ohio	Willard Spencer Co	20144 Livernois Ave. Detroit 21, Mich	UN3-5189
Okla	Campion Sales Co	8002 Chancellor Row, Dallas 35, Tex	FL7-4095
Ore	Assoc Industries	1752 Rainier Ave. Seattle 44, Wash	EA5-4400
Pa	Willard Spencer Co	20144 Livernois Ave. Detroit 21, Mich	UN3-5189
RI	Wayne B Palicca, Inc	1787 Massachusetts Ave. Lexington, Mass	VO2-7224
SC	E C Raymond & Assoc	PO Box 8215, St Petersburg, Fla	WA1-9135
Tenn	E C Raymond & Assoc	PO Box 8215, St Petersburg, Fla	WA1-9135
Tex	Campion Sales Co	8002 Chancellor Row, Dallas 35	FL7-4095
Utah	Hytronic Measurements, Inc	2022 S Main, Salt Lake City	IN6-4924
Vt	Wayne B Palicca, Inc	1787 Massachusetts Ave. Lexington, Mass	VO2-7224
Va	Harry J White Co	121 Covered Bridge Rd, Haddonfield, NJ	
Wash	Assoc Industries	1752 Rainier Ave, Seattle 44	EA5-4400
Wis	Dave Houston Co	607 E Willow Ave, Wheaton, Ill	MO8-7312
Wyo	Hytronic Measurements, Inc	2022 S Main, Salt Lake City, Utah	IN6-4924
For	[illegible] Intl	1101 [illegible] St. Los Angeles, Cal	
	MONROE CALCULATING MACHINE CO DIV LITTON INDUSTRIES	**555 Mitchell St, Orange, NJ**	
	338		
	MONROE INDUSTRIES INC	**932 36th St, S.E., Grand Rapids 8, Mich**	**CH1-3644**
	E Coleman #10 *115 E 280-585-595-625-895-960-1190-1245-1290-1295-1320		
	MONSANTO CHEMICAL CO ELECTRONIC CHEMICAL PROJECT	**800 N.Lindbergh Blvd, St. Louis 66, Mo**	**WY3-1000**
	R Meeker *35,427 G 410-1125		
Cal	Monsanto Chemical Co	2710 Lafayette, Santa Clara	CH3-0414
Conn	John P Weber Jr	61 Meadow Farms Rd, W. Hartford	
	MONSANTO CHEMICAL CO PLASTICS DIV	**812 Monsanto Ave, Springfield, Mass**	**ST8-6911**
	R Evans #150 *5900 370-410-1220-1240-1290		
Ala	Monsanto Chemical Co	445 Park Ave, New York, NY	PL9-8200
Alaska	Monsanto Chemical Co	911 Western Ave, Seattle, Wash	MA2-4203
Ariz	Monsanto Chemical Co	3670 Flotilla, Los Angeles 15, Cal	RA3-2492
Ark	Monsanto Chemical Co	800 N Lindbergh Blvd, St Louis 66, Mo	WY3-1000
Cal	Monsanto Chemical Co	3670 Flotilla, Los Angeles 15, Cal	RA3-2492
Colo	Monsanto Chemical Co	800 N Lindbergh Blvd, St Louis 66, Mo	WY3-1000
Del	Monsanto Chemical Co	2305 Concord Pike, Wilmington	OL8-6423
DC	Monsanto Chemical Co	445 Park Ave, New York, NY	PL9-8200
Fla	Monsanto Chemical Co	445 Park Ave, New York, NY	PL9-8200
Ga	Monsanto Chemical Co	445 Park Ave, New York, NY	PL9-8200
Hawaii	Monsanto Chemical Co	3670 Flotilla, Los Angeles 15, Cal	RA3-2492
Idaho	Monsanto Chemical Co	911 Western Ave, Seattle, Wash	MA2-4203
Ill	Monsanto Chemical Co	520 N. Michigan Ave, Chicago, Ill	WH4-6750
Ind	Monsanto Chemical Co	427 Hanna Bldg, Cleveland, Ohio	SU1-3830
Iowa	Monsanto Chemical Co	800 N Lindbergh Blvd, St Louis 66, Mo	WY3-1000
Kan	Monsanto Chemical Co	800 N Lindbergh Blvd, St Louis 66, Mo	WY3-1000
Ky	Monsanto Chemical Co	427 Hanna Bldg, Cleveland, Ohio	SU1-3830
La	Monsanto Chemical Co	800 N Lindbergh Blvd. St Louis 66, Mo	WY3-1000
Me	Monsanto Chemical Co	445 Park Ave, New York, NY	PL9-8200
Mich	Monsanto Chemical Co	520 N. Michigan Ave, Chicago, Ill	WH4-6750
Minn	Monsanto Chemical Co	800 N Lindbergh Blvd, St Louis 66, Mo	WY3-1000
Miss	Monsanto Chemical Co	800 N Lindbergh Blvd, St Louis 66, Mo	WY3-1000
Md	Monsanto Chemical Co	Lindbergh & Olive St. Rd, St. Louis, Mo	WY3-1000
Mo	Monsanto Chemical Co	800 N Lindbergh Blvd, St Louis 66	WY3-1000
Mont	Monsanto Chemical Co	911 Western Ave, Seattle Wash	MA2-4203
Neb	Monsanto Chemical Co	800 N Lindbergh Blvd. St Louis 66, Mo	WY3-1000
Nev	Monsanto Chemical Co	3670 Flotilla, Los Angeles 15, Cal	RA3-2492
NJ	Monsanto Chemical Co	445 Park Ave, New York, NY	PL9-8200
NM	Monsanto Chemical Co	3670 Flotilla, Los Angeles 15, Cal	RA3-2492
NY	Monsanto Chemical Co	445 Park Ave, New York, NY	PL9-8200
NC	Monsanto Chemical Co	445 Park Ave, New York, NY	PL9-8200
ND	Monsanto Chemical Co	800 N Lindbergh Blvd, St Louis 66, Mo	WY3-1000
Ohio	Monsanto Chemical Co	427 Hanna Bldg, Cleveland, Ohio	SU1-3830
Okla	Monsanto Chemical Co	800 N Lindbergh Blvd. St Louis 66, Mo	WY3-1000
Ore	Monsanto Chemical Co	911 Western Ave, Seattle, Wash	MA2-4203
Pa	Monsanto Chemical Co	445 Park Ave, New York, NY	PL9-8200
SC	Monsanto Chemical Co	445 Park Ave, New York, NY	PL9-8200
SD	Monsanto Chemical Co	800 N Lindbergh Blvd. St Louis 66, Mo	WY3-1000
Tenn	Monsanto Chemical Co	445 Park Ave, New York, NY	PL9-8200
Tex	Monsanto Chemical Co	800 N Lindbergh Blvd. St Louis 66, Mo	WY3-1000
Utah	Monsanto Chemical Co	800 N Lindbergh Blvd, St Louis 66, Mo	WY3-1000
Va	Monsanto Chemical Co	445 Park Ave, New York, NY	PL9-8200
Wash	Monsanto Chemical Co	911 Western Ave, Seattle, Wash	MA2-4203
W. Va	Monsanto Chemical Co	445 Park Ave, New York, NY	PL9-8200
Wisc	Monsanto Chemical Co	520 N. Michigan Ave, Chicago, Ill	WH4-6750
Wyo	Monsanto Chemical Co	800 N Lindbergh Blvd. St Louis 66, Mo	WY3-1000
	MONTGOMERY CO	**20 Canal Bank, Windsor Locks, Conn**	**NA3-3336**
	S Montgomery Jr *225 E 315-1960		
	MONTGOMERY MFG CO	**204 S Main St, Owensville, Ind**	**SA4-2505**
	A Montgomery #1 *16 B 1810		
	MOODY MACHINE PRODSCO INC	**36 Dudley St. Providence 5, RI**	**GA1-3317**
	J Moody *17 C 1825		
Alas	Roger M Minthorne Co	3673 SW Taylor's Ferry Rd, Portland, Ore	
Ariz	Walter Industries	1109 S. Railroad Ave, San Mateo, Cal	
Cal	Walter Industries	1109 S. Railroad Ave, San Mateo, Cal	
Colo	Vines & Co	Box 1025, Denver 1	
Conn	Sales Assoc of New England	106 Woodlawn St, W Hartford 10	
DC	Mort Simons	224 N 7th Ave, Manville, NJ	
Idaho	Roger M Minthorne Co	3673 S. W. Taylor's Ferry Rd, Portland 19, Ore	
Ill	Leo I Zuckert	7532 Churchill St, Morton Grove, Ill	
Ind	M E Tyson	948 Colfax St, Toledo 6, Ohio	
Iowa	I B Riggs	P.O. Box 7427, N. Kansas City 16, Mo	
Kan	I B Riggs	P.O. Box 7427, N. Kansas City 16, Mo	
Ky	M E Tyson	948 Colfax St, Toledo 6, Ohio	
Me	Sales Assoc of New England	106 Woodlawn St, W Hartford 10, Conn	
Md	Mort Simons	224 N 7th Ave, Manville, NJ	
Mass	Sales Assoc of New England	106 Woodlawn St, W Hartford 10, Conn	
Mich	M E Tyson	948 Colfax St, Toledo 6, Ohio	
Mo	I B Riggs	P.O. Box 7427, N. Kansas City 16, Mo	
Mont	Roger M Minthorne Co	3673 S.W. Taylor's Ferry Rd, Portland 19, Ore	
Neb	I B Riggs	P.O. Box 7427, N. Kansas City 16, Mo	
NH	Sales Assoc of New England	106 Woodlawn St, W Hartford 10, Conn	
NJ	Mort Simons	224 N 7th Ave, Manville	
NM	Vines & Co	Box 1025, Denver 1, Colo	
NY	Arthur Mizner	630 Pelham Rd, New Rochelle, NY	
Ohio	James Chilcote	636 Westwood Ave, Toledo 10, Ohio	
Ore	Walter Industries	1109 S. Railroad Ave, San Mateo, Cal	
Pa	Mort Simons	224 N 7th Ave, Manville, NJ	
Pa	Weller-Rahe Co	P.O. Box 212, Worthington, Ohio	
Utah	Vines & Co	Box 1025, Denver 1, Colo	
Vt	Sales Assoc of New England	106 Woodlawn St, W Hartford 10, Conn	
Va	Mort Simons	224 N 7th Ave, Manville, NJ	
Wash	Roger M Minthorne Co	3673 S.W. Taylor's Ferry Rd, Portland 19, Ore	
W. Va	Weller-Rahe Co	P.O. Box 212, Worthington, Ohio	
Wisc	Leo I Zuckert	7532 Churchill St, Morton Grove, Ill	
Wyo	Vines & Co	Box 1025, Denver 1, Colo	
Canada	Lin Finkler	1794 Ave Rd, Toronto 12, Ontario, Canada	
	MOORADIAN HIGH FREQUENCY LABS	**15 E.Fort Lee Rd, Bogota, NJ**	**DI2-2115**
	A Mooradian #2 *5 A 495-895		
	MOORE ASSOCIATES, INC	**893 American St. San Carlos, Cal**	**LY1-53**
	J Bulloch #8 *30 E 325-330-338-360-365-440-895-1425-1435-1870		
Ala	Allied Co	Box 13483, Sta K, Atlanta 24, Ga	CE7-1490
Ariz	EMF Assoc	1357 Harlan St. Denver, Colo	SU9-9592
Ark	Kemco, Inc	P O Box 998, Irving, Texas	FL1-5900
Cal	Lunteman Engineering Co	1020 S Arroyo Pkwy. Pasadena	SY9-0445
Colo	EMF Assoc	1357 Harlan St. Denver	SU9-9592
Conn	Michael S. Coldwell, Inc	195 W Main St. Avon	OR7-9797
Del	L C Fuller	32 Rittenhouse Pl, Ardmore, Pa	MI2-2468
DC	[illegible]	1110 13th St, N.W., Washington, DC	EX3-0451
Ga	Allied Co	Box 13483, Sta K, Atlanta 24	CE7-1490
Idaho	EMF Assoc	138 S 2nd St. Salt Lake City, Utah	EL5-7101
Ill	W L Cunningham & Associates	435 Addison St, Elmhurst, Ill	TE2-0905
Ind	W L Cunningham & Associates	435 Addison St, Elmhurst, Ill	TE2-0905
Iowa	W L Cunningham & Associates	435 Addison St, Elmhurst, Ill	TE2-0905
Kan	Kemco	6417 E. Kellogg, Wichita, Kan	MU4-8224
Ky	W Cunningham & Assoc	435 Addison Ave. Elmhurst, Ill	TE2-0905
La	Kemco, Inc	P O Box 998, Irving, Texas	FL1-5900
Me	M S Coldwell, Inc	195 W Main St. Avon, Conn	OR7-9797
Md	L C Fuller	32 Rittenhouse Pl, Ardmore, Pa	MI2-2468
Mass	M S Coldwell, Inc	41 Lancaster Rd, Needham 92	HI4-1142
Mich	W L Cunningham & Associates	435 Addison St, Elmhurst, Ill	TE2-0905
Minn	W L Cunningham & Associates	435 Addison St, Elmhurst, Ill	TE2-0905
Miss	Allied Co	Box 13483, Sta K, Atlanta 24, Ga	CE7-1490
Mo	Kemco, Inc	6417 E Kellogg, Wichita, Kans	MU4-8224
Nev	EMF Assoc	138 S 2nd St, Salt Lake City, Utah	EL5-7101
NH	M S Coldwell, Inc	195 W Main St, Avon, Conn	OR7-9797
NJ	Lawrence C Fuller	32 Rittenhouse Pl, Ardmore, Pa	MI2-2468
NM	EMF Assoc	1357 Harlan St. Denver, Colo	SU9-9592
NY	S S Pullen	5 Whitney St, Lynbrook, NY	LY9-4875
NC	Allied Co	Box 13483, Sta K, Atlanta 24, Ga	
Okla	Kemco, Inc	P O Box 998, Irving, Texas	FL1-5900
Ore	J E Edstrom	1224 S W Morrison St. Portland	CA7-1702
Pa	L C Fuller	32 Rittenhouse Pl, Ardmore, Pa	MI2-2468
RI	M S Coldwell Inc	195 W Main St. Avon, Conn	OR7-9797
SC	Allied Co., The	Box 13483, Sta K, Atlanta, Ga	CE7-1490
Tenn	Allied Co., The	Box 13483, Sta K, Atlanta 24, Ga	CE7-1490
Tex	Kemco, Inc.	P O Box 998, Irving	FL1-5900
Utah	EMF Assoc.	138 S 2nd St. Salt Lake City	EL5-7101
Vt	M S Coldwell Inc	195 W Main St. Avon, Conn	OR7-9797
Va	L C Fuller	32 Rittenhouse Pl, Ardmore, Pa	MI2-2468
Wash	J E Edstrom	1224 S W Morrison St. Portland, Ore	CA7-1702
Wisc	W L Cunningham & Associates	435 Addison St, Elmhurst, Ill	TE2-0905
For	Telesco International Corp	171 Madison Ave. New York, N Y	MU3-9425
	MOORE PRODUCTS CO	**H & Lycoming Sts. Phila 24, Pa**	**JE3-3500**
	R Owens 360-895		
Cal	Moore Prods. Co	6214 W. Manchester Ave. LA 45	SP6-[illegible]
Fla	Moore Prods. Co	125 N. Broadway, Bartow	533-4163
Ga	Moore Prods. Co	3133 Maple Dr. NE. Atlanta 5	CE3-4761
Ill	Moore Prods. Co	1809 E. 71st St. Chicago 49	PL2-5748
Ky	Moore Prods. Co	131 Breckenridge Ln. Louisville 7	TW5-7073
La	Moore Prods. Co	3629 S. Carrollton Ave. New Orleans 18	HU6-1771
Mass	Moore Prods. Co	6 Abbott Rd. Wellesley 81	CE5-7350
Mich	Moore Prods. Co	22750 Woodward Ave. Detroit 20	LI7-9515
Mo	Moore Prods. Co	811 S. Florissant Rd. St. Louis 35	JA1-1270
NY	Moore Prods. Co	51 E. 42nd St. NY 17	MU7-7960
NC	Moore Prods. Co	2505 S. Blvd. Charlotte 3	JA3-7055
Ohio	Moore Prods. Co	25000 Euclid Ave. Cleve 17	AN1-2250
Pa	Moore Prods. Co	300 Mt. Lebanon Blvd. Pittsbgh 34	FI1-8800
Tex	Moore Prods. Co	901 S. 75th St. Houston 23	WA3-7486
Va	Moore Prods. Co	6211A W. Broad St. Richmond 30	AT2-3340
Can	Moore Instrument Co. Ltd	169 McCormack St. Toronto 9, Ont	RO3-1114
	MORAN CO.	**721 E El Segundo Blvd. El Segundo, Cal**	**SP2-1574**
	***5 B 330-1535**		
	MORAN INSTRUMENT CORP	**170 E. Orange Grove, Pasadena 3, Cal**	**SY6-7158**
	#3 *12 B 338-895-1340-1395		
Ala	Argus Industries Inc	PO Box 68, Warminster, Pa	OS5-4131
Cal	David G De Haas Co	1923 Cable St. San Diego 7	AC4-2401
Cal	Smith Dietrich Sales Co	423 W Manchester Blvd. Inglewood	OR8-7812
Conn	J M Lancaster Co	65 Concord St. Framingham, Mass	TR3-8893
Del	Argus Industries, Inc	PO Box 68, Warminster, Pa	OS5-4131
DC	Argus Industries, Inc	PO Box 68, Warminster, Pa	OS5-4131
Fla	Argus Industries Inc	PO Box 68, Warminster, Pa	OS5-4131
Ga	Argus Industries, Inc	PO Box 68, Warminster, Pa	OS5-4131
Idah	Testco	Boeing Field, Seattle 8, Wash	PA3-9000
Ill	R Edward Stemm, Inc	5681 W Lake St. Chicago 44	ES9-2700
Ind	R Edward Stemm, Inc	5681 W Lake St. Chicago 44, Ill	ES9-2700
Iowa	R Edward Stemm, Inc	5681 W Lake St. Chicago 44, Ill	ES9-2700
Kan	Norman S Brown Assoc	5862 Boca Raton Dr. Dallas 30, Tex	EM3-3698
Ky	R Edward Stemm, Inc	5681 W Lake St. Chicago 44, Ill	ES9-2700
Me	J M Lancaster Co	65 Concord St. Framingham, Mass	TR3-8893
Md	Argus Industries Inc	PO Box 68, Warminster, Pa	OS5-4131
Mass	J M Lancaster Co	65 Concord St. Framingham	TR3-8893
Minn	R Edward Stemm, Inc	124 S 3rd, Mpls	FE5-7172
Mont	Testco	Boeing Field, Seattle 8, Wash	PA3-9000
NH	J M Lancaster Co	65 Concord St. Framingham, Mass	TR3-8893
NY	Creek Corp., The	PO Box 114, Roslyn	MA1-7410
NC	Argus Industries Inc	PO Box 68, Warminster, Pa	OS5-4131
Okla	Norman S Brown, Assoc	5862 Boca Raton Dr. Dallas 30, Tex	EM3-3698
Ore	Testco	Boeing Field, Seattle 8, Wash	PA3-9000
Pa	Argus Industries Inc	PO Box 68, Warminster	OS5-4131
RI	J M Lancaster Co	65 Concord St. Framingham, Mass	TR3-5893
SC	Argus Industries, Inc	PO Box 68, Warminster, Pa	OS5-4131
Tex	Norman S Brown, Assoc	5862 Boca Raton Dr. Dallas 30	EM3-3698
Vt	J M Lancaster Co	65 Concord St. Framingham, Mass	TR3-8893
Va	Argus Industries, Inc	PO Box 68, Warminster, Pa	OS5-4131
Wash	Testco	Boeing Field, Seattle 8	PA3-9000
W Va	Argus Industries, Inc	PO Box 68, Warminster, Pa	OS5-4131
Wis	R Edward Stemm, Inc	5681 W Lake St. Chicago 44, Ill	ES9-2700
Can	Canadian Res Institute	85 Curlew Dr. Don Mills, Ont	447-5561
	MORNINGSTAR-PAISLEY INC	**630 W 51st St, New York 19, NY**	**JU2-3790**
	T Bennett *500 G 30-315-1505		
	In All Major Cities Throughout U.S.A. & Canada		
	MORRIS CO., J I	**376 Elm St, Southbridge, Mass**	**PO4-4394**
	J Dirlam *40 190-645-790-1205-1535-1940		
	MORROW RADIO MFG CO	**2794 Market St, Salem, Ore**	**EM3-4952**
	45-325-360-365-895-910-945-1425-1845-1870		
	MORSE CO., FRANK W	**354 Congress St, Boston 10, Mass**	**HA6-5398**
	R Morse #1 *25 B 345-1630-1780		
Cal	Claude C Frantz Co	730 S Gramercy Dr, L A	DU7-1156
Cal	E B Cook Co	1283 Howard St, San Francisco, Cal	UN1-2621
NY	Buehler Sales Co	427 2nd Ave, New York	LE2-3677
	MOSELEY CO., F L	**409 N. Fair Oaks, Pasadena, Cal**	**SY2-1176**
	J Burnett #4 *190 E 338-895-1610		
Ala	Bivins & Caldwell, Inc	3110 Maple Dr. NE, Atlanta	CE3-7522
Ariz	Neely Enterprises	641 E. Missouri Ave, Phoenix, Ariz	CR4-5431
Ariz	Neely Enterprises	232 S. Tucson Blvd, Tucson, Ariz	MA3-2564
Ark	Earl Lipscomb Associates	P.O. Box 7084, Dallas, Tex	FL7-1881
Cal	Neely Enterprises	3939 Lankershim Blvd, N. Hollywood	TR7-1121
Cal	Neely Enterprises	1317 15th St, Sacramento 14, Cal	GI2-8901
Cal	Neely Enterprises	501 Laurel St, San Carlos, Cal	LY1-2626
Cal	Neely Enterprises	1055 Shafter St, San Diego 6, Cal	AC3-8106
Colo	Lahana & Co	1886 S. Broadway, Denver, Colo	PE3-3791
Conn	Instrument Associates	734 Asylum Ave, Hartford 5, Conn	CH6-5868
Del	Gawler-Knoop Co	8732 Flower Ave, Silver Spring, Md	JU5-7550
DC	Gawler-Knoop Co	8732 Flower Ave, Silver Spring, Md	JU5-7550
Fla	Bivins & Caldwell, Inc	602 N Fern Creek Ave, Orlando	CH1-0091
Ga	Bivins & Caldwell, Inc	3110 Maple Dr. NE, Atlanta	CE3-7522

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Idaho	Arvo Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
Ill	Crossley Associates Inc	2501 W. Peterson Ave, Chicago 45, Ill	BR5-1600
Ind	Crossley Associates Inc	5420 N. College Ave, Indpls 20, Ind	CL1-9255
Iowa	Crossley Associates Inc	842 Raymond Ave, St. Paul, Minn	MI6-7881
Iowa	Crossley Associates Inc	2501 W. Peterson Ave, Chicago, Ill	BR5-1600
Kan	Harris-Hanson Co	7916 Paseo St, Kansas City 32	HI4-9494
Ky	Bivins & Caldwell Inc	P.O. Box 5187, High Point, NC	2-6873
La	Earl Lipscomb Associates	P.O. Box 6646, Houston 5, Tex	MO7-2407
Me	Instrument Associates	30 Park Ave, Arlington 74, Mass	MI8-2922
Md	Gawler-Knoop Co	8732 Flower Ave, Silver Spring, Md	JU5-7550
Mass	Instrument Associates	30 Park Ave, Arlington 74, Mass	MI8-2922
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit 35	BR3-2900
Minn	Crossley Associates Inc	842 Raymond Ave, St. Paul 14, Minn	MI6-7881
Miss	Earl Lipscomb Associates	P.O. Box 6646, Houston 5, Tex	MO7-2407
Mo	Harris-Hanson Co	7916 Paseo Ave, Kansas City 30, Mo	HI4-9494
Mo	Harris-Hanson Co	2014 S. Brentwood Blvd, St. Louis, Mo	MI7-4350
Mont	Arvo Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
Neb	Crossley Associates Inc	842 Raymond Ave, St. Paul 14, Minn	MI6-7881
Nev	Neely Enterprises	3939 Lankershim Blvd, N. Hollywood, Cal	TR7-0721
NH	Instrument Associates	30 Park Ave, Arlington 74, Mass	MI8-2922
NJ	Gawler-Knoop Co	178 Eagle Rock Ave, Roseland, NJ	CA6-4545
NJ	Gawler-Knoop Co	835 Glenside Ave, Wyncote, Pa	WA7-1820
NM	Neely Enterprises	4501 Lomas Blvd, N.E., Albuquerque, NM	AL 5-5586
NM	Neely Enterprises	114 S. Water St, Las Cruces, NM	JA6-2486
NY	Gawler-Knoop Co	178 Eagle Rock Ave, Roseland, NJ	CA6-4545
NY	Edw A Ossmann & Associates	830 Linden Ave, Rochester 10, NY	LU6-4940
NY	Edw A Ossmann & Associates	14 Front St, Vestal, NY	ST5-0296
NY	Edw A Ossmann & Associates	2363 James St, Syracuse, NY	HE7-8446
NC	Bivins & Caldwell Inc	P.O. Box 5187, High Point, NC	2-6873
ND	Crossley Associates Inc	842 Raymond Ave, St. Paul 14, Minn	MI6-7881
Ohio	Crossley Associates Inc	2801 Far Hills Ave, Dayton 19, Ohio	AX9-3594
Ohio	S Sterling Co	5827 Mayfield Rd, Cleveland 24, Ohio	HI2-8080
Okla	Earl Lipscomb Associates	P.O. Box 7084, Dallas, Tex	FL7-1881
Ore	Arvo Inc	1238 N.W. Glisan, Portland 9, Ore	CA2-7337
Pa	H E Ransford Co	5400 Clairton Blvd, Pittsburgh 35, Pa	TU4-3425
Pa	Gawler-Knoop Co	835 Glenside Ave, Wyncote, Pa	WA7-1820
RI	Instrument Associates	30 Park Ave, Arlington 74, Mass	MI8-2922
SC	Bivins & Caldwell Inc	P.O Box 5187, High Point, NC	2-6873
SD	Crossley Associates Inc	842 Raymond Ave, St. Paul 14, Minn	MI6-7881
Tenn	Bivins & Caldwell Inc	P.O. Box 5187, High Point, NC	2-6873
Tex	Earl Lipscomb Associates	P.O. Box 7084, Dallas, Tex	FL7-1881
Utah	Lahana & Co	1452 Major St, Salt Lake City 15, Utah	HU6-8166
Vt	Instrument Associates	30 Park Ave, Arlington 74, Mass	MI8-2922
Va	Gawler-Knoop Co	8732 Flower Ave, Silver Spring, Md	JU5-7550
Wash	Arvo Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
W. Va	H E Ransford Co	5400 Clairton Blvd, Pittsburgh 35, Pa	TU4-3425
Wisc	Crossley Associates	842 Raymond Ave, St. Paul 14, Minn	MI6-7881
Wisc	Crossley Associates	2501 W. Peterson Ave. Chicago 45, Ill	BR5-1600
Wyo	Lahana & Co	1886 S. Broadway, Denver, Colo	PE3-3791
Foreign	Frazar & Co., Inc	33 W. 42nd St, New York 36, NY	BR9-3422
	MOSER JEWEL CO	**Perth Amboy, NJ**	
	75		
	MOSINEE PAPER MILLS CO	**Mosinee, Wisc**	**OX3-2111**
	R Smith #6 *500 G 900		
Conn	W W Smith	Bedford & Fourth, Stamford, Conn	DA3-1451
Ill	E J Nolan	2114 Tribune Tower, Chicago 11, Ill	SU7-4643
Pa	S C Gordon	345 Wt. Lebanon Blvd, Pittsburgh 34, Pa	LO1-8515
	MOSLEY ELECTRONICS INC	**4610 N.Lindbergh Blvd, Bridgeton, Mo**	**PE1-3036**
	G Mabes #6 *100 D 45-345-385-1315-1630-1855		
Alaska	Ron Merritt Co	1320 Prospect St, Seattle 9, Washington	MU2-7337
Cal	F W Moulthrop & Co	1530 E 12th St, Oakland	AN1-7676
Cal	Bassett & Moore	12045 Magnolia Blvd, N. Hollywood, Cal	TR7-7129
Colo	Rodgers Sales Co	2149 S Clermont, Denver 22	SK7-1261
Conn	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
Fla	Cartwright & Bean	2010 N.E. 27th Ct, N. Miami Beach, Fla	WI5-2952
Ga	Cartwright & Bean	3223 Cain's Hill Pl, N.W., Atlanta, Ga	CE7-2273
Hawaii	Gene Piety Factors Inc	2030 Home Rule St, Honolulu, Hawaii	
Ill	Al Quaekenbush	520 N Michigan Ave, Chicago 11	MO4-1904
Idaho	Ron Merritt Co	1320 Prospect St, Seattle 9, Wash	MU2-7337
Ind	R O Whitesell & Associates	6620 E. Washington St, Indianapolis 19	FL9-5374
Iowa	H W Kreggs Co	7503 Melba Ln, Belleville, Ill	EX7-2398
Kan	A R Thibau Co	Manufacturers Exch Bldg, Kansas City, Mo	VI2-7057
Kan	A K Elliott	211 Westport Rd, Kansas City 11, Mo	LO1-9594
Ky	R O Whitesell & Associates	6620 E. Wash St, Indianapolis 19, Ind	FL9-5374
Me	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
Mass	Anderson Sales Co	177 State St, Boston 9	CA7-2980
Mich	Wayne Beitel Co	13209 Fenkell, Detroit 27, Mich	VE8-9100
Minn	Nick J Laub Co	3749 W. Broadway, Minneapolis 22, Minn	JU8-4663
Mo	A R Thibau Co	Manufacturers Exch Bldg, Kansas City5	VI2-7057
Mo	H W Kreggs Co	7503 Melba Ln, Belleville, Ill	EX7-2398
Neb	A R Thibau Co	Manufacturers Exch Bldg, Kansas City, Mo	VI2-7057
NH	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
NJ	Jack M Gutzeit & Associates	75-02 168th St, Flushing 66, NY	OL8-4385
NY	Jack M Gutzeit & Associates	75-02 168th St, Flushing 66, NY	OL8-4385
NY	Paston-Hunter Co	P.O. Box 123, Dewitt Sta, Syracuse, NY	GI6-2180
NC	Cartwright & Bean	625 Marlwyn Dr, Charlotte, NC	FR6-8648
ND	Nick J Laub Co	3749 W. Broadway, Minneapolis 22, Minn	JU8-4663
Ohio	Weller-Rahe Co	P.O. Box 212, Worthington, Ohio	TU5-7819
Okla	Tom Spivey Co	7547 Wilmerdean, Houston 17, Tex	MI9-1221
Pa	Eugene L Park	Beverly & Patricia Rds. Holland	EL7-7806
Pa	Weller-Rahe Co	P.O. Box 212, Worthington, Ohio	TU5-7819
RI	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
SD	Nick J Laub Co	3749 W. Broadway, Minneapolis 22, Minn	JU8-4663
Tenn	Cartwright & Bean	560 S Cooper, Memphis 4, Tenn	BR6-4442
Tex	Spivey Co	P O Box 504, Denton	DU2-6017
Tex	Tom Spivey Co	7547 Wilmerdean, Houston 17, Tex	MI9-1221
Vt	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
Wash	Ron Merritt Co	E. 127 Augusta Ave, Spokane 10, Wash	FA5-2557
W. Va	Weller-Rahe Co	P.O. Box 212, Worthington, Ohio	TU5-7819
Wisc	Nick J Laub Co	3749 W. Broadway, Minneapolis 22, Minn	JU8-4663
Foreign	Mosley Export Dept	15 Moore St, New York 4, NY	BO9-6172
Foreign	Mosley Electronics Ltd	15 Reepham Rd, Norwich, Norfolk, England	
	MOSSMAN INC., DONALD P	**P. O. Box 265, Brewster, NY**	**BR9-3725**
	B Rist #2 *90 D 1735		
Ala	B S Woodman	P.O. Box 12242, Atlanta 5, Ga	CE3-9761
Ariz	Mossman-Pacific Inc	776 W. Front St, Covina, Cal	ED9-1326
Cal	Mossman-Pacific Inc	776 W. Front St, Covina, Cal	ED9-1326
Cal	C W Mauldin Co	441 W. Cal Ave, Palo Alto, Cal	DA6-5291
Colo	Franklin Sales Co	2149 S. Clermont St, Denver 22, Colo	SK7-1371
Conn	Ray Perron & Co., Inc	35 Lewis St, Trumbull, Conn	AM8-9631
Del	G W Moler Co	PO Box 240, Haddonfield, NJ	HA8-2440
DC	G W Moler Co	PO Box 240, Haddonfield, NJ	HA8-2440
Fla	B S Woodman	P.O. Box 12242, Atlanta 5, Ga	CE3-9761
Ga	B S Woodman	P.O. Box 12242, Atlanta 5, Ga	CE3-9761
Me	Ray Perron & Co., Inc	1870 Centre St, Boston 32, Mass	FA3-1008
Md	G W Moler Co	PO Box 240, Haddonfield, NJ	HA8-2440
Mass	Ray Perron & Co., Inc	1870 Centre St, Boston 32, Mass	FA3-1008
Mich	Ralph D Ernest Associates	12818 Puritan Ave, Detroit 27, Mich	UN1-7311
Miss	B S Woodman	P.O. Box 12242, Atlanta 5, Ga	CE3-9761
NH	Ray Perron & Co., Inc	1870 Centre St, Boston 32, Mass	FA3-1008
NJ	G W Moler Co	PO Box 240, Haddonfield	HA8-2440
NJ	Edward A Brunner	550 Fifth Ave, New York, NY	PL7-5974
NM	Mossman-Pacific Inc	776 W. Front St, Covina, Cal	ED9-1326
NY	Edward A Brunner	550 Fifth Ave, New York, NY	PL7-5974
NC	B S Woodman	P.O. Box 12242, Atlanta 5, Ga	CE3-9761
Ohio	Servisales Co	12417 Cedar Rd, Cleveland 6, Ohio	ER1-0054
Pa	G W Moler Co	PO Box 240, Haddonfield, NJ	HA8-2440
Pa	Servisales Co	12417 Cedar Rd, Cleveland 6, Ohio	ER1-0054
RI	Ray Perron & Co., Inc	35 Lewis St, Trumbull, Conn	AM8-9631
SC	B S Woodman	P.O. Box 12242, Atlanta 5, Ga	CE3-9761
Tenn	B S Woodman	P.O. Box 12242, Atlanta 5, Ga	CE3-9761
Utah	Franklin Sales Co	2149 S. Clermont St, Denver 22, Colo	SK7-1371
Vt	Ray Perron & Co., Inc	1870 Centre St, Boston 32, Mass	FA3-1008
Va	G W Moler Co	PO Box 240, Haddonfield, NJ	HA8-2440
W Va	G W Moler Co	PO Box 240, Haddonfield, NJ	HA8-2440
Canada	Bunker Sales Ltd	45 Northline Rd, Toronto 16, Canada	PL5-3377
	MOTORDYNE INC	**2221 Barry Ave. LA, Cal**	**BR2-0411**
	W Bagnall #3 *55 D 105-320-360-895-915-1165		
Ala	V Avis McCorvey Co	2248 3rd St. NW, Birmingham	VE6-5769
Ariz	Carl Hower & Co	340 N. Marshall, Scottsdale	WH5-2471
Cal	Deere Electronics	1575 Laurel St. San Carlos	LY1-4423
Colo	ELCOM	2149 S. Clermont, Denver	SK7-1261
Fla	V Avis McCorvey	708 San Juan Blvd. Orlando	CR7-1866
Ga	V Avis McCorvey	Box 606, Decatur	636-2502
Ill	Walt Sanders Assoc	5306 W. Lawrence Ave. Chicago 30	SP7-7766
Kan	Halgin Sales Co	5920 Nall Ave. Mission	RA2-2241
Md	Wally Shulan & Co. Inc	Box 287 P Rt. 1, Glen Burnie	WO2-0365
Mass	Cirolia LeBlanc Sales	885 Main St. Waltham 54	TW3-2742
Minn	Anderson & Assoc	3825 York Ave. N. Mpls	JU8-2521
Mo	Halgin Sales Co	721 Olive St. St. Louis 1	CH1-4915
NJ	Wally Shulan & Co. Inc	880 Bergen Ave, Jersey City 6	WO2-0365
NM	ELCOM	3321 San Pedro Dr. Albuquerque	AM8-8804
Ohio	Giesting & Hasett Sales Co. Inc	1717 Section Rd. Cinc	JE1-0553
Utah	ELCOM	544 E. 4800 S. Salt Lake City	
	MOTORESEARCH CO	**1405 16th St, Racine, Wisc**	**ME2-5131**
	J Hiatt #3 *50 E 255-895-365-1165-1340		
Conn	Alexander Norden	Box 131, Jamaica Plain, Mass	LA3-6681
Del	Henry C C Shute	61 Steeplechase Rd, Devon, Pa	MU8-2732
DC	Henry C C Shute	61 Steeplechase Rd, Devon, Pa	MU8-2732
Ill	S E Gorski	801 Wolff St, Racine, Wisc	ME2-3175
Ind	A M Hanson	500 Cushing Ave, Dayton, Ohio	AX3-3602
Ky	A M Hanson	500 Cushing Ave, Dayton, Ohio	AX3-3602
Me	Alexander Norden	Box 13, Jamaica Plain, Mass	LA3-6681
Md	Henry C C Shute	61 Steeplechase Rd, Devon, Pa	MU8-2732
Mass	Alexander Norden	Box 13, Jamaica Plain, Mass	LA3-6681
Mich	H D Mising	18540 W. McNichols, Detroit, Mich	KE7-5460
NH	Alexander Norden	Box 13, Jamaica Plain, Mass	LA3-6681
NJ	Henry C C Shute	61 Steeplechase Rd, Devon, Pa	MU8-2732
Ohio	A M Hanson	500 Cushing Ave, Dayton, Ohio	AX3-3602
Pa	Henry C C Shute	61 Steeplechase Rd, Devon, Pa	MU8-2732
RI	Alexander Norden	Box 13, Jamaica Plain, Mass	LA3-6681
Vt	Alexander Norden	Box 13, Jamaica Plain, Mass	LA3-6681
Wisc	S E Gorski	801 Wolff St, Racine, Wisc	ME2-3175
	MOTOR GENERATOR CORP., AFF HOBART BROS CO	**Box 7, W Water St at Jackson, Troy, Ohio**	**FE2-1223**
	D Baker #21 *850 F 255-365-895		
Ala	General Machinery Co	1600 Second Ave, S., Birmingham 3, Ala	AL1-9243
Ariz	Toncray Equipment Co	213 N. 1st Ave, Phoenix, Ariz	AL4-1303
Ala	Post Welding Supply Co	1300 Seventh Ave, N., Birmingham, Ala	FA2-6604
Alas	Alaskan Aircraft Eqpt Supply	4707 Spenard Dr. Anchorage	
Cal	Fred Pelletier Co	3436 San Fernando Rd, Los Angeles 65	CL4-2544
Cal	McCormick-Morgan Co	324 Fifth St, San Francisco 7, Cal	SU1-6591
Cal	F T Butler	722 Fern Glen, La Jolla, Cal	GL4-6757
Colo	Toncray Equipment Co	1732 Blake St, Denver 2, Colo	CH4-1102
Conn	Hobart Welder Sales & Service	107 Botsford Pl, Buffalo 16, NY	DE7878
Conn	ERP Associates	Box 23, Fayetteville, NY	CH6690
Conn	MGC Associates	88-25 138 St, Jamaica 35, NY	AX1-7373
Del	Hobart Welder & Equipment Corp	55 & Walnut Sts, Philadelphia 39, Pa	
Del	Weber Welding Supply Co	5108 Liberty Ave, Pittsburgh, Pa	
DC	Hobart Welder Sales Co	2709 E. Foster Ave, Baltimore, Md	BR6-5491
Fla	MGC Assoc of Fla, Inc	4016 NW 29th St. Miami 42	NE3-2862
Fla	Charles E Singleton	Box 6254, Jacksonville, Fla	EV8-6390
Ga	Mark C Pope Associates	P.O. Box 12003, Atlanta 5, Ga	CE3-3790
Hawaii	Von-Hamm-Young Co Ltd	P.O. Box 2630, Honolulu 3, Hawaii	
Ill	H K Miller Inc	7426 S. Halsted St, Chicago, Ill	HU3-5640
Kan	R M Ash & Assoc	5400 Buena Vista, Shawnee Mission	SK1-2446
Kan	Allen Welding Equipment Co	1129-31 N. Mosley, Wichita 1, Kan	HO4-6376
Md	Royal R Kniel	2709 E Foster Ave. Baltimore 24	BR6-5491
Mass	Welders Supply Co., Inc	351 Vassar St, Cambridge, Mass	KI7-4100
Mass	Welders Supply Co.	23 B St, South Boston, Mass	AN8-3604
Mich	Roy Smith Co	5257 Trumbull Ave, Detroit, Mich	TY7-2011
Minn	Hobart Welder Sales & Service	106 Glenwood Ave, Minneapolis, Minn	FE5-4224
Mo	McDonald & Wilson Sales Co	3001 N. Union Blvd, St. Louis 15, Mo	EV3-1941
NJ	Hobart Welder Sales & Service	107 Botsford Pl, Buffalo 16, NY	DE7878
NJ	ERP Associates	Box 23, Fayetteville, NY	CH6590
NJ	MGC Associates	88-25 138 St, Jamaica 35, NY	AX1-7373
NJ	Hobart Welder & Eqpt Corp	55 & Walnut Sts, Phila 39, Pa	GR6-6550
NJ	Weber Welding Supply Co	5108 Liberty Ave, Pittsburgh, Pa	MA1-5208
NY	Hobart Welder Sales & Service	107 Botsford Pl, Buffalo 16, NY	DE7878
NY	ERP Associates	Box 23, Fayetteville, NY	CH6690
NY	MGC Associates Inc	88-25 -138th St, Jamaica 35, NY	AX1-7373
NC	William G Baynard	1812 Sterling Rd, Charlotte 9, NC	FR5-1240
Ohio	Baker Welding Supply	1349 Montgomery Rd, Cincinnati 7, Ohio	MO1-6904
Ohio	Wolfenden Welding Supplies Inc	2520 Prospect Ave, Cleveland 15, Ohio	UT1-9282
Pa	Hobart Welder & Equipment Corp	55th & Walnut Sts, Philadelphia 39, Pa	GR6-6550
Pa	Weber Welding Supply Co	5108 Liberty Ave, Pittsburgh, Pa	MA1-5208
RI	Welders Supply Co., Inc	351 Vassar St, Cambridge, Mass	KI7-4100
RI	Welders Supply Co	23 B St, S. Boston, Mass	AN8-3604
SC	Mark C Pope Associates	Box 12003, Atlanta 5, Ga	CE3-3790
Tex	O H Van Horn Co., Inc	451 E. Main St, Ft. Worth, Tex	ED6484
Utah	Toncray Equipment Co	1347 S. 13th, E., Salt Lake City 8, Utah	IN6-9186
Wash	Industrial Products Co	2911 First Ave, S., Seattle 4, Wash	MA2-7468
Wisc	Acme Inc	618 S. 70th St, Milwaukee 14, Wisc	GL3-5527
Foreign	Airquip Inc	80 Broad St, New York 4, NY	WH3-6550
	MOTOROLA COMMUNICATIONS & ELECTRONICS INC	**4501 Augusta Blvd, Chicago 51, Ill**	**SP2-6500**
	H Mares *14,000 C 45-325-360-895-1135-1235-1425-1870-1910		
Cal	Motorola	1616 Rollins Rd, Burlingame	OX7-3550
Colo	Motorola	2130 S Birch St, Denver	SK6-1563
DC	Motorola	1120 Connecticut Ave NW, Wash	FE8-2930
Fla	Motorola	501 Professional Bldg, Fort Lauderdale	LO4-9673
Ga	Motorola	1958-B Monroe Dr NE, Atlanta	TR5-8714
Ill	Motorola	4900 W Flournoy St, Chicago	ES9-5200
Ind	Motorola	644 E 38th St, Indianapolis	WA4-4267
La	Motorola	4531 North Blvd, Baton Rouge	DI2-3011
Md	Motorola	313 Crain Hwy SE, Glen Burnie	SO1-4900
Mass	Motorola	125 Gould St, Needham Heights	HI4-1600
Mich	Motorola	410 Michigan National Tower, Lansing	IV7-5977
Minn	Motorola	2111 Hennepin Ave, Minneapolis	FR7-0374
Mo	Motorola	3120 Wyandotte St, Kansas City	PL3-1241
NJ	Motorola	15-00 Pollitt Dr, Fair Lawn	SW1-1700
NC	Motorola	201 East Blvd, Charlotte	ED3-1181
Ohio	Motorola	8005 Plainfield Rd, Cincinnati	TU1-5200
Ore	Motorola	6665 SW Canyon Rd, Portland	CY2-3511
Pa	Motorola	1515 Ward St, Pittsburgh	CH2-5500
Tenn	Motorola	3294 Poplar Ave, Memphis	FA4-6012
Tex	Motorola	7108 Envoy Court, Dallas	FL7-3923
Utah	Motorola	407 E 3rd St, Salt Lake City	DA2-5615
For	Motorola Overseas Corp	4545 W Augusta Blvd, Chicago 51, Ill	SP2-6500
	MOTOROLA INC., SEMICONDUCTOR PRODS DIV	**5005 E McDowell Rd. Phoenix 10, Ariz**	**273-6900**
	F Poppelen Jr #1000 *3000 G 500-1445-1860		
Cal	Motorola	1741 Ivar Ave, Hollywood, Cal	HO2-0821
Cal	Motorola Semiconductor Prods Inc	1299 Bayshore Hwy, Burlingame	DI2-3228
Fla	Motorola Semiconductor Prods Inc	Fairbanks Blvd, Winter Park	MI7-2507
Ill	Motorola	5214 W. Diversey Ave, Chicago 39, Ill	AV2-4380
Md	Motorola Semiconductor Prods Inc	8616 Cameron St. Silver Spring	JU5-4485
Mass	Motorola Semiconductor Prods Inc	385 Concord Ave. Belmont 78	IV4-5070
Mich	Motorola Semiconductor Prods Inc	13131 Lyndon Ave. Detroit 27	BR3-7171
Minn	Motorola Semiconductor Prods Inc	7731 6th Ave. N, Mpls 27	LI5-2198
NJ	Motorola	1051 Bloomfield Ave, Clifton, NJ	GR2-5300
NY	Motorola Semiconductor Prods Inc	101 S Salina St. Syracuse	GR4-3321
Ohio	Motorola Semiconductor Prods Inc	3127 Far Hills Ave. Dayton	AX3-4164
Pa	Motorola Semiconductor Prods Inc	131 S Easton Rd. Glenside	TU7-7020
Tex	Motorola Semiconductor Prods Inc	5615 Lemmon Ave. Dallas	LA6-8931
For	Motorola Overseas Corp	2710 N Clybourn Ave. Chicago 14, Ill	BU1-1000
	MOULIC SPECIALTIES CO	**1007 W. Washington St, Bloomington, Ill**	**6-1235**
	895-1340-1435-1750		
	MT. VERNON PRECISION TRANSFORMER CO	**47 S. 3rd Ave, Mt. Vernon, NY**	
	1855		
	MOXNESS PRODUCTS, INC	**1916 Indiana St. Racine, Wis**	**ME7-4425**
	W Lynch #4 *130 80-750-900-975-1290-1505-1545-1755		
Ariz	Haskel Seals	1246 S. Central Ave, Glendale 4, Cal	
Ark	Gordon V Peck	130 Casa Linda Plaza, Dallas 18, Tex	DA1-6579
Cal	Haskel Seals	1246 S. Central Ave, Glendale 4, Cal	
Conn	Insulating Fabricators New England Inc	69 Grove St, Watertown 72, Mass	WA3-9800
Conn	Insulating Fabricators Inc	150 Union Ave, E. Rutherford, NJ	WE9-7392
Del	Insulating Fabricators Inc	150 Union Ave, E. Rutherford, NJ	WE9-7392
DC	J Nalls & Associates	1411 Pennsylvania Ave, N.W., Washington 4, DC	
Fla	Repco Sales	140 NW 71 St. Miami 38	PL7-2911
Ill	Russ Diethert Co	2030 W. Montrose Ave, Chicago 18, Ill	LO1-7627
Ind	Russ Diethert Co	2030 W. Montrose Ave, Chicago 18, Ill	LO1-7627
Iowa	R W Farris Co., Inc	406 W. 34th St, Kansas City 11, Mo	LO1-7495
Kan	R W Farris Co., Inc	406 W. 34th St, Kansas City 11, Mo	LO1-7495
Ky	Insulating Components Co	2701 W 16th St. Indpls, Ind	ME9-3324
La	Gordon V Peck	130 Casa Linda Plaza, Dallas 18, Tex	DA1-6579
Me	Insulating Fabricators of New Eng Inc	69 Grove St, Watertown, Mass	WA3-9800
Md	Insulating Fabricators Inc	150 Union Ave, E. Rutherford, NJ	WE9-7392
Mass	Insulating Fabricators of New Eng inc	69 Grove St, Watertown, Mass	WA3-9800
Mich	T B McLaughlin	General Motors Bldg, Detroit, Mich	
Mich	A N Williams	7651 Rogue River Rd, Belmont, Mich	EM1-5494
Mo	R W Farris Co., Inc	406 W. 34th St, Kansas City 11, Mo	LO1-7495
Neb	R W Farris Co., Inc	406 W. 34th St, Kansas City 11, Mo	LO1-7495
Nev	Haskel Seals	1246 S. Central Ave, Glendale 4, Cal	
NH	Insulating Fabricators of New Eng Inc	69 Grove St, Watertown 72, Mass	WA3-9800
NJ	Insulating Fabricators Inc	150 Union Ave, E. Rutherford, NJ	WE9-7392
NY	Insulating Fabricators Inc	150 Union Ave, E. Rutherford, NJ	WE9-7392
NC	R Diethert Co	Box 510, Gastonia, NC	UN5-3771
Ohio	Harry G Lasko	304 W. First St, Dayton 2, Ohio	BA4-3122
Okla	Gordon V Peck	130 Casa Linda Plaza, Dallas 18, Tex	DA1-6579
Pa	Insulating Fabricators Inc	150 Union Ave, E. Rutherford, NJ	WE9-7392
RI	Insulating Fabricators of New Eng	69 Grove St, Watertown 72, Mass	WA3-9800
SC	R Diethert Co	P.O. Box 510, Gastonia, NC	UN5-3771
Tenn	R Diethert Co	P.O. Box 510, Gastonia, NC	UN5-3771
Tex	Gordon V Peck	130 Casa Linda Plaza, Dallas 18, Tex	DA1-6579
Vt	Insulating Fabricators of New Eng	69 Grove St, Watertown 72, Mass	WA3-9800
Va	R Diethert Co	P O Box 510, Gastonia, NC	UN5-3771
W. Va	Insulating Fabricators Inc	150 Union Ave, E. Rutherford, NJ	WE9-7392
Wisc	R Diethert Co	1324 W. Wisconsin Ave, Milwaukee, Wisc	BR3-6318

MOYEN CO., C P ... 8157 Monticello Ave, Skokie, Ill ... OR3-6866
30

MUCKLE MFG CO ... Prinzing Rd, Owatonna, Minn ... 7249
S Muckle #1 *36 D 135-180-230-1220-1225
Cal Geo Woodcock Co ... 813 N. LaBrea Ave, Los Angeles, Cal ... WE3-8515
Cal The Ballard Co ... 427 Sansome St, San Francisco, Cal ... SU1-1781
Conn Wm Diemer & Co, Inc ... 107-30 Continental, Forest Hills, NY ... BO3-6190
Ill Protective Packaging Co ... 3135 W. Devon, Chicago, Ill ... BR4-1973
Ind Protective Packaging Co ... 3135 W. Devon, Chicago, Ill ... BR4-1973
Iowa Allied Commodities Co ... 5601 W. Lake St, Minneapolis, Minn ... WE9-8531
Kan Allied Commodities Co ... 5601 W. Lake St, Minneapolis, Minn ... WE9-8531
Me Wm Diemer & Co, Inc ... 107-30 Continental, Forest Hills, NY ... BO3-6190
Md Leonard Band Associates ... 1502 Finance Bldg, Phila, Pa ... RI6-8473
Mass Wm Diemer & Co, Inc ... 107-30 Continental, Forest Hills, NY ... BO3-6190
Mich R W Redinger & Associates ... Hulman Bldg, Dayton, Ohio ... AD4172
Minn Allied Commodities Co ... 5601 W. Lake St, Minneapolis, Minn ... WE9-8531
Mo Allied Commodities Co ... 5601 W. Lake St, Minneapolis, Minn ... WE9-8531
Neb Allied Commodities Co ... 5601 W. Lake St, Minneapolis, Minn ... WE9-8531
NH Wm Diemer & Co, Inc ... 107-30 Continental, Forest Hills, NY ... BO3-6190
NJ Leonard Band Associates ... 1502 Finance Bldg, Phila, Pa ... RI6-8473
NY Wm Diemer & Co, Inc ... 107-30 Continental, Forest Hills, NY ... BO3-6190
ND Allied Commodities Co ... 5601 W. Lake St, Minneapolis, Minn ... WE9-8531
Ohio R W Redinger & Associates ... Hulman Bldg, Dayton, Ohio ... AD4172
Okla Allied Commodities Co ... 5601 W. Lake St, Minneapolis, Minn ... WE9-8531
Ore Packaging Commodities ... 6255 13th Ave, S., Seattle 8, Wash ... EL8200
Pa Leonard Band Associates ... 1502 Finance Bldg, Phila, Pa ... RI6-8473
RI Wm Diemer & Co, Inc ... 107-30 Continental, Forest Hills, NY ... BO3-6190
SD Allied Commodities Co ... 5601 W. Lake St, Minneapolis, Minn ... WE9-8531
Vt Wm Diemer & Co, Inc ... 107-30 Continental, Forest Hills, NY ... BO3-6190
Va Leonard Band Associates ... 1502 Finance Bldg, Phila, Pa ... RI6-8473
Wash Packaging Commodities ... 6255 13th Ave, S., Seattle 8, Wash ... EL8200
W. Va Leonard Band Associates ... 1502 Finance Bldg, Phila, Pa ... RI6-8473
Wisc Allied Commodities Co ... 5601 W. Lake St, Minneapolis, Minn ... WE9-8531

• **MUCON CORP** ... 9 St. Francis St, Newark 5, NJ ... MI2-1476
M Prince 220
Ariz Engineering Liaison Assoc ... 3160 Barham Blvd, Los Angeles 28, Cal ... HO9-2283
Cal Engineering Liaison Assoc ... 3160 Barham Blvd, Los Angeles 28, Cal ... HO9-2283
Colo Longstreet-Smith Assoc, Inc ... 3013 15th St, Denver ... KE4-5091
Conn W B Pray Sales ... 44 Wash St, Wellesley Hills 81, Mass ... CE5-3199
Del Ansell Engineering Co ... 860 Bonifant, Silver Spring, Md ... JU8-4222
DC Ansell Engineering Co ... 860 Bonifant, Silver Spring, Md ... JU8-4222
Fla Jack Geartner Co ... 235 Lincoln Rd, Miami Beach ... JE1-0200
Fla Jack Geartner Co ... 3524 Devonwood Dr, Orlando ... GA5-4079
Ill Mensac Sales Co ... 2420 N Austin Ave, Chicago ... KI5-1033
Iowa Zak & Assoc, Inc ... 7730 Carondelet, St. Louis, Mo ... PA7-8559
Kan Zak & Assoc, Inc ... 7730 Carondelet, St. Louis, Mo ... PA7-8559
Me W B Pray Sales ... 44 Wash St, Wellesley Hills 81, Mass ... CE5-3199
Md Ansell Engineering Co ... 860 Bonifant, Silver Spring ... JU8-4222
Mass W B Pray Sales ... 44 Wash St, Wellesley Hills 81, Mass ... CE5-3199
Mich R C Nordstrom Co ... Briggs Bldg, Birmingham ... MI4-1110
Minn Hamilton & Boyle Assoc, Inc ... 3359 Republic Ave, Mpls 26 ... WE9-7891
Mo Zak & Assoc, Inc ... 7730 Carondelet, St Louis ... PA7-8559
Neb Zak & Assoc, Inc ... 7730 Carondelet, St Louis, Mo ... PA7-8559
NH W B Pray Sales ... 44 Wash Ave, Wellesley Hills 81, Mass ... CE5-3199
NJ Paul D Aaron Co ... Professional Bldg, Port Washington, NY ... PO7-8480
NM Longstreet-Smith Assoc ... 2708 Carol NE, Albuquerque ... AX9-8013
NY Paul D Aaron Co ... Professional Bldg, Port Washington
NY Arthur L Perkins Co ... 635 S Warren St, Syracuse
ND Hamilton & Boyle Assoc, Inc ... 3359 Republic Ave, Mpls, Minn ... WE9-7891
RI W B Pray Sales ... 44 Wash St, Wellesley Hills 81, Mass ... CE5-3199
SD Hamilton & Boyle Assoc, Inc ... 3359 Republic Ave, Mpls, Minn ... WE9-7891
Utah Longstreet-Smith Assoc, Inc ... 3013 15th St, Denver, Colo ... KE4-5091
Vt W B Pray Sales ... 44 Wash St, Wellesley Hills 81, Mass ... CE5-3199
Va Ansell Engineering Co ... 860 Bonifant, Silver Spring, Md ... JU8-4222
Can John Herring & Co. Ltd ... 3468 Dundas St. W, Toronto 9, Ont ... RO2-9824

MUELLER ELECTRIC CO ... 1583H E. 31st St, Cleveland 14, Ohio ... PR1-5225
S Mueller #1 *120 300-905
Cal Harry E Marshall ... 104 Olive St, San Francisco, Cal ... OR3-2173
Colo L E Putnam ... 3513 Melton, Denver, Colo ... HA9-6703
Fla Cartwright & Bean ... 21070 NE 25th Ct, N Miami Beach ... WI5-2952
Fla Cartwright & Bean ... 2505 Nancy St, Orlando
Ga Cartwright & Bean ... 3029 Cain's Hill Pl, N.W., Atlanta, Ga ... CE7-2273
Ill LeRoy W Beier Co ... 6518 W. North Ave, Chicago, Ill ... BE7-2420
Minn Arch S Miller & Son ... 6608 17th Ave, S., Minneapolis, Minn ... UN6-6677
Mo F C Somers & Co ... 900 Davidson Bldg, Kansas City, Mo ... GR1-1255
NY Ben Joseph Associates ... 43 S. Middleneck Rd, Great Neck, NY ... HU7-9395
NC Cartwright & Bean ... 625 Harwyn Dr, Charlotte, NC ... FR6-8648
Tenn Cartwright & Bean ... 561 S. Cooper, Memphis, Tenn ... BR5-1914
Tex Sanders-Willis Co ... 500 Professional Bldg, Waco, Tex ... PL4-0441
Utah L B Putnam Co ... 3595 Lois Lane, Salt Lake City
Canada W H Cooper & Co ... 1103 Yonge St, Toronto, Canada

MUELLER LABORATORY ... 1052-1058 N. Allen Ave, Pasadena, Cal ... SY7-0909
895

MUIRHEAD & CO., LIMITED ... Beckenham, Kent, England
20-50-70-220-235-325-338-360-470-515-610-635-710-780-897-960-1165-1330-1475-1550-1555-1735-1745
NY Muirhead Instruments Inc ... 441 Lexington Ave, New York 17, NY ... MU2-8131

MULLARD EQUIPMENT LTD ... Torrington Pl. London W.C 1, Eng ... LA6633
L Glazock 10-338-415-450-670-805-895-1150-1340-1425-1610-1845-1870-1915

• **MULLARD OVERSEAS LTD** ... Torrington Pl. London W.C 1, Eng ... LA6633
235-338-380-720-885-895-955-1085-1135-1880
NY International Electronics Corp ... 81 Spring St, New York 12, NY

MULLENBACH DIV ELECTRIC MACHINERY MFG CO ... 2100 E. 27 St, Los Angeles 58, Cal ... LU2-5331
220-240-1460-1850

MULTI-AMP ELECTRONIC CORP ... 61 Myrtle St. Cranford, N J ... BR6-8200
R Dibeneo, Jr #5 *20 D 895-1045-1055-1340
Ark Williamson Sales Co ... 508 Simmons National Bldg. Pine Bluff ... JE4-2530
Cal Westhall & Kruzi Inc ... 581 Market St. San Francisco 5 ... EX7-3553

Colo Slaybaugh-Thompson Co ... 100 W 13th Ave. Denver 4 ... AC2-5826
DC Specialty Electrical Sales Co ... 4119 Hayward, Baltimore 15, Md ... LI2-4477
Haw Honolulu Electric Products Co ... 630 Pohukaina St. Honolulu ... 55-111
Idaho J A Tudor & Assoc ... 2605 Western Ave. Seattle 1, Wash ... MU2-7444
Ill Murphy & Dickey ... 537 S Dearborn, Chicago ... HA7-7963
Ind Murphy & Dickey ... 537 S Dearborn, Chicago, Ill ... HA7-7963
Ind George R Horne & Co ... 22187 Michigan Ave. Dearborn 7, Mich ... LO1-1360
Iowa Murphy & Dickey ... 537 South Dearborn, Chicago, Ill ... HA7-7963
Kan C B Anderson Elec Co ... 72 Oil Capital Bldg. Tulsa 3, Okla ... GI7-1123
La Williamson Sales Co ... 104-111 Edwards St. Shreveport 90 ... 424-6638
Md Specialty Electrical Sales Co ... 4119 Hayward, Baltimore 15 ... LI2-4477
Mich George R Horne & Co ... 22187 Michigan Ave. Dearborn 7 ... LO1-1360
Miss Williamson Sales Co ... Box 4095 Fondren Sta. Jackson ... EM2-1142
Mont J A Tudor & Assoc ... 2605 Western Ave. Seattle 1, Wash ... MU2-7444
NM Slaybaugh-Thompson Co ... 100 W 13th Ave. Denver 4, Colo ... AC2-5826
NY E J Robinson & Assoc ... 546 Niagara St. Buffalo ... TT6-7350
Ohio D C Zingrete Co ... P O Box 7262, Cleveland 29 ... TU4-9779
Ohio George R Horne & Co ... 4110 Templar Rd. Toledo 13 ... GR4-1313
Okla C B Anderson Electric Co ... 712 Oil Capital Bldg. Tulsa 3 ... GI7-1123
Ore J A Tudor & Assoc ... 1004 SE Belmonts, Portland 14 ... BE2-1188
Pa Burns Electric Co ... 1752 N Highland Rd. Pittsburg 28 ... LO3-3014
Tenn Williamson Sales Co ... 3953 Walnut Grove Rd. Memphis ... GL2-2004
Tex C B Anderson Elec Co ... P O Box 1806, Amarillo ... DR5-6443
Tex Williamson Sales Co ... 5541 Armour Dr. Houston 20 ... WA1-2156
Utah Slaybaugh-Thompson Co ... 100 W 13th Ave. Denver 4, Colo ... AC2-5826
Va Specialty Electrical Sales Co ... 4119 Hayward, Baltimore 15, Md ... LI2-4477
Wash J A Tudor & Assoc ... 2605 Western Ave. Seattle 1 ... MU2-7444
W Va Burns Electric Co ... 1752 N Highland Rd. Pittsburgh 28, Pa ... LO3-3014
Wyo Slaybaugh-Thompson Co ... 100 W 13th Ave. Denver 4, Colo ... AC2-5826
Can W S Gimme Div ... 2 Audley St. Toronto 18, Ont ... CL1-1177
For International Engineering Co. Ltd ... P O Box 39, Bangkok, Thailand

MULTICORE SALES CORP ... 80 Shore Rd, Pt. Washington, NY ... PO7-7700
1635
Sales Representatives: See Garrard Sales Corp

MULTITONE ELECTRONICS LTD ... 130 Morton St. Toronto 7, Can ... HU1-0731
G Crosson *7 B 70-255-325-360-555-815-895-510-1235-1425-1870
Cal Alfred Stevens Co ... 2721 S Robertson Blvd. Los Angeles 34 ... VE7-2588
Conn Tel Rad Inc ... 592 New Park Ave. W Hartford 10 ... AD6-2388
Fla Fla Electronics Inc ... 11907-03 Beach Blvd. Jacksonville 11 ... RA5-4911
Ga Wiklund Inc ... 1785 Cheshire Bridge Rd. NE, Atlanta ... TR3-2078
Mass Tremont Automatic Sales Corp ... 40 Waltham St. Boston 18 ... LI2-9480
Minn Midwest TV Systems Inc ... 1621 Hennepin Ave. Mpls 3 ... FE9-7437
NY Commercial Radio Sound Corp ... 652 First Ave. New York 17 ... OR9-0400
Tex Chester F Faison ... PO Box 1727, Dallas 6 ... TA1-2222
Va Cottrell Electronics Corp ... 408 E Main St. Richmond 19 ... MI8-8338
Can T & M Electric ... 1057 Liege W. Montreal
Can Barnic Eng Ltd ... 909 Beach Ave. Vancouver 1, BC
Foreign Multitone Electric Co Ltd ... 12 Underwood St. London N1, England ... CL8022

• **MUNDT & SONS, CHARLES** ... 53 Fairmount Ave, Jersey City 4, NJ ... DE3-6200
*60 55-895-1100

• **MURATA MFG. CO. LTD** ... Nagaoka-cho, Kyoto, Japan
220-670-710-1790-1855

MURDOCK CORP ... 158 Carter St, Chelsea, Mass ... TU4-0076
G Murdock Jr #3 *55 D 555-805-1380-1765-1785
Cal Hippix Co ... 435 Colyton, Los Angeles 13, Cal
Cal Keeler White Co ... 615 Seventh St, San Francisco
Ga L Morris Landers Co ... 451 Spring St, S.W., Atlanta, Ga
Ill R D Catellier Inc ... 4988 W. Fullerton Ave, Chicago 7, Ill ... BE7-6490
NY W J Wickenhauser Co ... 690 W. 18 St, New York 33, NY
NY F Walter Lover ... 135 Arlington Rd, Utica 3, NY
Wash Keeler White Co ... 1041 Sixth Ave, S., Seattle 4, Wash
Wisc A W Schwind Co ... 324 S. Second St, Milwaukee 4, Wisc

MUREX LIMITED, POWDER METALLURGY DIV ... Rainham, Essex, England ... RA3322
B Berry 1085-1125-1960

MURPHY & MILLER INC ... 612 W. Taylor St, Chicago 7, Ill ... HA7-8900
250-370-445
Ala S S Lee Associates Inc ... Utilities Bldg, Huntsville, Ala ... JE6-3631
Ariz Brooks Fenger & Associates ... 478 N. Scottsdale Rd, Scottsdale, Ariz ... WH6-2111
Cal G B Miller Co ... 1950 N. Highland Ave, Hollywood, Cal ... HO2-1136
Colo Brooks Fenger & Associates ... 3041 S. Broadway, Englewood, Colo ... SU1-7375
Conn Technical Instruments Inc ... 1115 Main St, Bridgeport, Conn ... FO6-4582
Del V A Snyder Co., Inc ... 2165 Morris Ave, Union, NJ ... MU8-6100
DC S S Lee Associates Inc ... 2521 Ennalls Ave, Wheaton, Md ... LO5-3066
Fla S S Lee Associates Inc ... 718 W. Smith Ave, Orlando, Fla ... GA3-6568
Ga S S Lee Associates Inc ... 718 W. Smith Ave, Orlando, Fla ... GA3-6568
Idaho Brooks Fenger & Associates ... 3041 S. Broadway, Englewood, Colo ... SU1-7375
Ind Earl Dresbach ... 7803 N. College Ave, Indianapolis 20, Ind ... CL5-1730
Ky Earl Dresbach ... 7803 N. College Ave, Indianapolis 20, Ind ... CL5-1730
Me Technical Instruments Inc ... 90 Main St, Reading, Pa ... RE2-3930
Md S S Lee Associates Inc ... 2521 Ennalls Ave, Wheaton, Md ... LO5-3066
Mass Technical Instruments Inc ... 90 Main St, Reading, Mass ... RE2-3930
Mich M P Odell Co ... 10531 W. McNichols Rd, Detroit 21, Mich ... UN2-1573
Nev Brooks Fenger & Associates ... 478 N. Scottsdale Ave, Scottsdale, Ariz ... WH6-2111
NH Technical Instruments Inc ... 90 Main St, Reading, Mass ... RE2-3930
NJ V A Snyder Co., Inc ... 2165 Morris Ave, Union, NJ ... MU8-6100
NM Brooks Fenger & Associates ... 1122-C San Mateo, S.E. Albuquerque, NM ... AM8-1724
NY Technical Instruments Inc ... 90 Main St, Reading, Mass ... RE2-3930
NY V A Snyder Co., Inc ... 2165 Morris Ave, Union, NJ ... MU8-6100
NC S S Lee Associates Inc ... P.O. Box 906, Winston-Salem, NC ... ST8-0431
Ohio M P Odell Co ... 26614 Center Ridge Rd, Westlake, Ohio ... TR1-8000
Ore Stanley Enterprises ... 127 River St, Seattle 8, Wash ... PA3-3320
Pa M P Odell Co ... 26614 Center Ridge Rd, Westlake, Ohio ... TR1-8000
Pa V A Snyder Co., Inc ... 2165 Morris Ave, Union, NJ ... MU8-6100
RI Technical Instruments Inc ... 90 Main St, Reading, Mass ... RE2-3930
SC S S Lee Associates Inc ... P.O. Box 906, Winston-Salem, NC ... ST8-0431
Tenn S S Lee Associates Inc ... P.O. Box 906, Winston-Salem, NC ... ST8-0431
Utah Brooks Fenger & Associates ... 3041 S. Broadway, Englewood, Colo ... SU1-7375
Vt Technical Instruments Inc ... 90 Main St, Reading, Mass ... RE2-3930
Va S S Lee Associates Inc ... 718 W. Smith Ave, Orlando, Fla ... GA3-6568

Wash Stanley Enterprises ... 127 River St, Seattle 8, Wash ... PA3-3320
W. Va M P Odell Co ... 26614 Center Ridge Rd, Westlake, Ohio ... TR1-8000
Wyo Brooks Fenger & Associates ... 1122-C San Mateo, S.E., Albuquerque, NM ... AM8-1724

MURRAY-WAY CORP ... Box 180, Birmingham, Mich ... JO4-6890
R Zech #8 *60 E 1075
Ala Jerry LaChapelle ... 3230 Peachtree Rd. NE, Atlanta 5, Ga ... CE7-9014
Ariz H J Fouts & Co ... 6253 Hollywood Blvd. LA 28, Cal
Ark Zak & Assoc, Inc ... 7730 Carondelet, St Louis 5, Mo ... PA7-8559
Cal H J Fouts & Co ... 6253 Hollywood Blvd, LA 28
Conn Giebel Inc ... 152 Temple St, New Haven 10, Conn ... LO2-5149
Del Towle Ind Co ... 402 Bethlehem Pike, Phila 18, Pa
Fla Jerry LaChapelle ... 3230 Peachtree Rd. NE, Atlanta 5, Ga ... CE7-9014
Ga Jerry LaChapelle ... 3230 Peachtree Rd. NE, Atlanta 5 ... CE7-9014
Ill The Stutz Co ... 4450 W. Carroll Ave, Chicago 24, Ill ... AU7-1068
Ind N C McCune ... 2327 Manchester Rd. Louisville 5, Ky ... GL4-6888
Iowa Stutz Co., The ... 4450 W Carroll Ave. Chicago 24, Ill ... AU7-1068
Kan Zak & Assoc ... 7730 Carondelet, St Louis 5, Mo ... PA7-8559
Ky N C McCune ... 2327 Manchester Rd. Louisville 5 ... GL4-6888
La Zak & Assoc ... 7730 Carondelet, St Louis 5, Mo ... PA7-8559
Md Towle Ind Co ... 402 Bethlehem Pike, Phila 18, Pa
Mass F A Parker, Inc ... 94 Elm St. W Newton ... BI4-2270
Mich Coon-Simonds Associates ... 548 Mechanic St, Jackson, Mich ... ST2-5464
Minn Machine Tool Corp ... 3210 Bloomington Ave. Mpls 7 ... PA1-5371
Miss Jerry LaChapelle ... 3230 Peachtree Rd. NE, Atlanta 5, Ga ... CE7-9014
Mo Zak & Assoc, Inc ... 7730 Carondelet, St Louis 5 ... PA7-8559
Neb Zak & Assoc, Inc ... 7730 Carondelet, St Louis 5, Mo
Nev H J Fouts & Co ... 6253 Hollywood Blvd. LA 28, Cal
NJ Giebel, Inc ... 250 W 57th St. New York 19, NY ... CO5-1437
NY Ray B Conklin ... 3407 Delaware Ave. Buffalo 17
NY Giebel Inc ... 250 W. 57th St, New York 19, NY ... CO5-1437
NC Jerry LaChapelle ... 3230 Peachtree Rd. NE, Atlanta 5, Ga ... CE7-9014
Ohio Welcon Supply Co ... 2441 Woodhill Rd, Cleveland 4, Ohio ... RA1-4420
Okla Zak & Assoc, Inc ... 7730 Carondelet, St Louis 5, Mo ... PA7-8559
Pa Towle Ind Co ... 402 Bethlehem Pike, Phila 18
SC Jerry LaChapelle ... 3230 Peachtree Rd. NE, Atlanta 5, Ga ... CE7-9014
Tenn N C McCune ... 2327 Manchester Rd. Louisville 5, Ky
Tex Zak & Assoc, Inc ... 7730 Carondelet, St Louis 5, Mo
Wis Stutz Co., The ... 4450 W Carroll Ave, Chicago 24, Ill
For Iwai & Co, Ltd ... 2, 1-Chome, Kyobashi-Chuo-Ku, CPO Box 238, Tokyo, Jap
For Stinox ... 11 Rue Du Colisee, Paris 8me, Fr
Foreign Automation Ltd ... Devonshire House, London S.W. 11, England

MUTER CO ... 1255 S. Michigan Ave, Chicago 5, Ill ... WA2-8800
H Rowe #10 *500 G 70-220-320-1330-1475-1735-1855
Cal Charles A Hansen ... 1405 S. Grand Ave, Los Angeles 15, Cal ... RI8-6191
Conn Michael H Sullivan ... 1519 River St, Boston 36, Mass ... HY3-5316
Del Floyd W Churchill ... P.O. Box 43, Haddonfield, NJ ... HA9-7871
Fla Jack Geartner Co ... 235 Lincoln Rd, Miami Beach ... JE1-0200
Ind Morris-Cunningham & Associates ... 5208 N. College Ave, Indianapolis 20 ... CL1-3222
Ky Morris-Cunningham & Associates ... 5208 N. College Ave, Indianapolis 20 ... CL1-3222
Me Michael H Sullivan ... 1519 River St, Boston 36, Mass ... HY3-5316
Md Floyd W Churchill ... Box 43, Haddonfield, NJ ... HA9-7871
Mass Michael H Sullivan ... 1519 River St, Boston 36, Mass ... HY3-5316
NH Michael H Sullivan ... 1519 River St, Boston 36, Mass ... HY3-5316
NJ John H Shaw ... PO Box 1245, Union ... MU7-9121
NJ Floyd W Churchill ... Box 43, Haddonfield, NJ ... HA9-7871
NY John H Shaw ... PO Box 1245, Union, NJ ... MU7-9121
NY George J Gay ... 57 South Ave, Brockport, NY ... 905
NC Floyd W Churchill ... Box 43, Haddonfield, NJ ... HA9-7871
Pa Floyd W Churchill ... Box 43, Haddonfield, NJ ... HA9-7871
RI Michael H Sullivan ... 1519 River St, Boston 36, Mass ... HY3-5316
Vt Michael H Sullivan ... 1519 River St, Boston 36, Mass ... HY3-5316
W. Va Floyd W Churchill ... Box 43, Haddonfield, NJ ... HA9-7871

MUTRON CORP ... 125 Perkins Ave, Brockton, Mass ... JU3-0033
H Forsberg #3 *35 C 185-375-585-795-895-920-1150-1640

• **MYCALEX CORP. OF AMERICA** ... 125 Clifton Blvd, Clifton, NJ ... PR9-8866
A Beckes 120-240-300-745-900-1135-1290-1545-1670
Ill Plastic Specialists ... 136 E Drake Lane, Des Plaines ... VA4-0493

MYCALEX ELECTRONICS CORP ... 125 Clifton Blvd, Clifton, NJ ... PR9-8866
A Beckes 325-330-1545-735
Ill Plastic Specialties ... 136 E Drake Lane, Des Plaines ... VA4-0493

MYCALEX TUBE SOCKET CORP ... 125 Clifton Blvd. Clifton, NJ ... PR9-8866
A Beckes 1630-1875
Ill Plastic Specialties ... 136 E Drake Lane, Des Plaines ... VA4-0493

MYERS & SONS INC., E A ... Valley Brook Rd, Canonsburg, Pa ... WI1-9000
E Myers #4 *60 D 815

MYKROY INC ... 645 Wheeling Rd, Wheeling, Ill ... LE7-0280
#2 *20 B 215-240-905-975-1290
Minn Jack Herman Co ... Hawthorne Dr, Minneapolis, Minn
Tex Ben Kanowsky ... Dallas

MYSTIK ADHESIVE PRODUCTS INC ... 2635 N Kildare, Chicago, Ill ... SP2-1600
N Hansen *350 F 30-1755
Ariz Gordon L Williams ... 131 E. Pomona Rd, Phoenix, Ariz ... WE3-8834
Cal Mystik Tape Prods of Cal ... 3630 Tyburn St. LA ... CL6-4168
Cal Frank Glanville ... 1510 Gough St. San Francisco ... OR3-1532
Colo Franklin Sales Co ... 2149 S. Clermont St, Denver 22, Colo ... SK7-1371
Conn Dudley C Connelly ... 630 W. Main St, Cheshire, Conn ... BR2-6752
Fla J M White ... 1416 Eagle Ln, Clearwater ... 35-1029
Fla J Edw Petersen ... PO Box 5370, Jacksonville 7 ... EX8-3106
Ga Joseph F Price ... 3561 Dial Dr, Stone Mountain ... HI3-7838
Ind Robert L Logue ... 2522 E Euclid Rd, South Bend ... CE3-4243
Iowa Frank R Johnston Co, Inc ... 853 42nd St, Des Moines 12 ... BL5-5965
Ky James Snider ... 1528 Hughes Rd, Louisville ... JU3-3083
Md Mystik Adhesive Products Inc ... 411 E. 25th St, Baltimore 18, Md ... TU9-2795
Mass Richard B Connelly ... Rose Ln, Old Lyme, Conn ... GE4-7257
Mich Mystik Adhesive Prods, Inc ... 16947 Schoolcraft Ave, Detroit 27 ... VE7-4910
Minn Mystik Tape Distributor of Minn ... 3404 E. Lake St, Minneapolis ... PA1-2453
Mo Mystik Adhesive Prods, Inc ... 2301 Grand Ave, Kansas City 8 ... GR1-5742
Mo Fred Petit ... 7016 Westmoreland, St Louis 30 ... PA5-1294

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NM	Gordon L Williams	133 E Pomona Rd. Phoenix, Ariz	WI3-9854
NY	Mystik Adhesive Prods, Inc	815 Fairview Ave. Fairview, NJ	WH3-7171
NY	Walter-Taillie Assoc, Inc	372 Exchange St. Rochester 8	BA3422
NC	George H Glass Jr	1909 Woodland Ave, Burlington, NC	CA6-4086
Ohio	George R Lundberg	619 Alton Ave, Washington Court House	2-6111
Ohio	Vernon K Jack	3801 [illegible] Blvd, Willoughby	WH6-0486
Pa	Mystik Tape Products of Phila	State Rd at Township Line, Drexel Hill	CL9-1200
SC	George H Glass Jr	1909 Woodland Ave, Burlington, NC	CA6-4086
Tex	Hugh M Vestal	PO Box 705, Richardson	AI1-5225
Tex	Harry Underwood	121 Oak Hills Dr. San Antonio	DI2-6811
Wash	Mystik Tape Prods, Northwest	220 9th Ave. N, Seattle	MA3-8061
Wis	John J Luthe	227 W High View Ln. Mequon	BR2-2538
	MYTRON MFG CO	**4522 Brazil St, Los Angeles 30, Cal**	
	805-820		
	NJE CORP	**20 Boright Ave, Kenilworth, NJ**	**BR2-6000**
	H Lotz #7 *160 895-1135-1340		
Ala	Gentry Assoc	1851 Oak Lane, Orlando, Fla	GA4-0730
Ariz	G S Marshall Co	30 Pima Plaza, Scottsdale	WH6-5521
Cal	G S Marshall Co	2065 Huntington Dr, San Marino, Cal	MU1-6701
Cal	G S Marshall Co	[illegible] Rd, Redwood City	EM6-8214
Colo	Barnhill Associates	1170 S. Sheridan Blvd, Denver, Colo	WE5-4645
Conn	Burlingame Association	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
Del	Burlingame Association	8218 Wisconsin Ave, N.W., Wash 14, DC	OL4-6400
DC	Burlingame Association	8218 Wisconsin Ave, N.W., Wash 14, DC	OL4-6400
Fla	Gentry Assoc	1851 Oak Lane, Orlando	GA4-0730
Ga	Gentry Assoc	1851 Oak Ln. Orlando, Fla	GA4-0730
Idaho	Barnhill Assoc	660 E 1st North, Salt Lake City	EL5-5101
Ill	Ridgway Assoc	6100 W North Ave. Chicago 39	TU9-5715
Ill	Ridgway Association	6100 W North Ave, Chicago 39, Ill	TU9-5715
Ind	Ridgway Association	1224 N Capitol Ave, Indianapolis 2	ME5-2401
Iowa	Ridgway Assoc	6100 W North Ave, Chicago 39, Ill	TU9-5715
Kan	Lee Mark Association	4021 W. 86th St, Kansas City 15, Mo	NI2-3313
Ky	Ridgway Association	1224 N. Capitol Ave, Indianapolis 2, Ind	ME5-2401
Me	Burlingame Association	974 Main St, Waltham, Mass	TW4-1955
Md	Burlingame Association	8218 Wisconsin Ave, N.W., Wash 14, DC	OL4-6400
Mass	Burlingame Association	974 Main St, Waltham, Mass	TW4-1955
Mich	Ridgway Assoc	3384 Twelve-Mile Rd. Berkley	LI6-3312
Minn	Ridgway Assoc	6100 W North Avenue, Chicago 39, Ill	TU9-5715
Miss	Gentry Assoc	1851 Oak Lane, Orlando, Fla	GA4-0730
Mo	Lee Mark Association	4021 W. 86th St, Kansas City 15, Mo	NI2-3313
Mo	Lee Mark Assoc	2001 Big Bend Blvd. St Louis 17	HI7-1470
Neb	Lee Mark Association	4021 W. 86th St, Kansas City 15, Mo	NI2-3313
NH	Burlingame Association	974 Main St, Waltham, Mass	TW4-1955
NJ	Burlingame Association	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
NM	Barnhill Assoc	Alamogordo	HE7-2787
NY	Burlingame Association	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
NC	M J McDonald Co	Whippoorwill Dr. Rt. 1, Pfafftown	WA4-2182
Ohio	Ridgway Assoc	3898 Linden Ave. Dayton 32	CL2-5604
Ohio	Ridgway Assoc	5915 Schaaf Rd. Cleveland 31	LA4-1421
Ore	Burt C Porter Co	1209 Poplar Pl. Seattle 44, Wash	EA3-8330
Pa	Burlingame Association	220 Long Ln, Upper Darby, Pa	SH7-9080
RI	Burlingame Association	974 Main St, Waltham, Mass	TW4-1955
SC	M J McDonald Co	Whippoorwill Dr. Rt. 1, Pfafftown, NC	WA4-2182
Tenn	M J McDonald Co	Whippoorwill Dr. Rt. 1, Pfafftown, N C	WA4-2182
Utah	Barnhill Assoc	660 E 1st North, Salt Lake City	EL5-5101
Va	M J McDonald Co	Whippoorwill Dr. Rt. 1, Pfafftown, N C	WA4-2182
Vt	Burlingame Associates	974 Main St, Waltham, Mass	TW4-1955
Wash	Burt C Porter Co	1209 Poplar Pl. Seattle 44	EA3-8330
W Va	Ridgway Assoc	5915 Schaaf Rd. Cleveland 31, Ohio	LA4-1421
Wisc	Ridgway Associates	6100 W. North Ave, Chicago, Ill	TU9-5715
Can	Radionics, Ltd	8230 Mayrand St. Montreal	RE9-5517
	NRC EQUIPMENT CORP	**160 Charlemont St, Newton 61, Mass**	**DE2-5800**
	H Farrow #100 *500 G 250-315-735-895-1075-1170-1125-1435-1795		
Ala	W C Davis & Associates	1371 Peachtree St, Atlanta, Ga	TR5-9658
Ariz	Carl Hermann Associates	551 E. Walnut St, Pasadena, Cal	SY2-0702
Ark	Byron Ellis Jr	3555 W. Peterson Ave, Chicago, Ill	IR8-8687
Cal	Carl Hermann Associates	551 E. Walnut St, Pasadena, Cal	SY2-0702
Cal	Carl Hermann Assoc	941 Charleston Rd. Palo Alto	DA6-6033
Colo	Carl Hermann Assoc	941 Charleston Rd. Palo Alto, Cal	DA6-6033
Del	David D Preis	25 Westwood Ave. Westwood, N J	NO4-5156
DC	David D Preis	25 Westwood Ave, Westwood, NJ	NO4-5156
Fla	W C Davis & Associates	1371 Peachtree St, N.E., Atlanta, Ga	TR5-9658
Ga	W C Davis & Associates	1371 Peachtree St, N.E., Atlanta, Ga	TR5-9658
Idaho	Carl Herrmann Assoc	941 Charleston Rd. Palo Alto, Cal	DA6-6033
Ill	Byron Ellis Jr	3555 W. Peterson Ave, Chicago, Ill	IR8-8687
Ind	Byron Ellis Jr	3555 W. Peterson Ave, Chicago, Ill	IR8-8687
Iowa	Byron Ellis Jr	3555 W. Peterson Ave, Chicago, Ill	IR8-8687
Kan	Byron Ellis Jr	3555 W Peterson Ave. Chicago, Ill	IR8-8687
Ky	Robert J Amis	32619 Grand River Ave. Farmington, Mich	GR6-3010
La	Carl Herrmann Assoc	9562 Ash Creek Dr. Dallas 28, Tex	DA7-1973
Md	David D Preis	25 Westwood Ave. Westwood, N J	NO4-5156
Mich	Robert J Amis	32619 Grand River Ave, Farmington, Mich	GR6-3010
Minn	Byron Ellis Jr	3555 W. Peterson Ave, Chicago, Ill	IR8-8687
Miss	W C Davis & Associates	1371 Peachtree St, N.E., Atlanta, Ga	TR5-9658
Mo	Byron Ellis Jr	3555 W. Peterson Ave, Chicago, Ill	IR8-8687
Mont	Carl Herrmann Assoc	P O Box 995, Boulder, Colo	HI3-8430
Neb	Byron Ellis Jr	3555 W. Peterson Ave, Chicago, Ill	IR8-8687
Nev	Carl Herrmann Associates	551 E. Walnut St, Pasadena, Cal	SY2-0702
NJ	David D Preis	25 Westwood Ave. Westwood	NO4-5156
NM	Carl Herrmann Associates	551 E. Walnut St, Pasadena, Cal	SY2-0702
NY	David D Preis	25 Westwood Ave. Westwood, NJ	NO4-5156
NC	W C Davis & Associates	1371 Peachtree St, N.E., Atlanta, Ga	TR5-9658
ND	Byron Ellis Jr	3555 W. Peterson Ave, Chicago, Ill	IR8-8687
Ohio	Robert J Amis	32619 Grand River Ave, Farmington, Mich	GR6-3010
Okla	Byron Ellis Jr	3555 W. Peterson Ave, Chicago, Ill	IR8-8687
Ore	Carl Herrmann Assoc	6518 48th Ave, NE, Seattle, Wash	LA3-5662
Pa	David D Preis	25 Westwood Ave. Westwood, N J	NO4-5156
Pa	Robert J Amis	32619 Grand River Ave. Farmington, Mich	GR6-3010
SC	W C Davis & Associates	1371 Peachtree St, N.E., Atlanta, Ga	TR5-9658
SD	Byron Ellis Jr	3555 W. Peterson Ave, Chicago, Ill	IR8-8687
Tenn	W C Davis & Associates	1371 Peachtree St, N.E., Atlanta, Ga	TR5-9658
Tex	Carl Herrmann Assoc	9562 Ash Creek Dr. Dallas 28	DA7-1973
Utah	Carl Herrmann Assoc	941 Charleston Rd. Palo Alto, Cal	DA6-6033
Va	David D Preis	25 Westwood Ave. Westwood, N J	NO4-5156
Wash	Carl Herrmann Assoc	6518 48th Ave. NE, Seattle	LA3-5662
W Va	Robert J Amis	32619 Grand River Ave. Farmington, Mich	GR6-3010
Wyo	Carl Herrmann Assoc	P O Box 995, Boulder, Colo	HI3-8430
Canada	Winnett Boyd Ltd	745 Mt. Pleasant Rd, Toronto, Ontario,	HU1-3722
Foreign	Wild-Barfield Elec Furna Ltd	Otterspool Way, Watford, Herts, Eng	WA26091
Foreign	E Leybold's Nach Folger	Bonner St 504, Koln-Bayental, Germany	4716
For	Japan Vacuum Eng Co	5 1-Chome, Ginza-Nishi, Chuo-Ku, Tokyo, Japan	
	NRK MICROWAVE DIV COOK ELECTRIC CO	**4601 W Addison St, Chicago 41, Ill**	**SP7-2970**
	R Kirchberger #6 *120 E 845-1135		
	NACIMCO PRODUCTS INC	**1090 Morena Blvd, San Diego, Cal**	**BR6-3020**
	325-365-470-895-1795-1850		
Ala	W A Brown & Associates	201 Capron Rd, Indian River City, Fla	TI1086
Ariz	Perlmuth Electronic Associates Inc	5057 W. Washington Blvd, L A 16, Cal	WE1-1041
Cal	Perlmuth Electronic Associates Inc	5057 W. Washington Blvd, L A 16, Cal	WE1-1041
Cal	Perlmuth Electronic Associates Inc	941 Charleston Rd, Palo Alto, Cal	DA1-5064
Colo	Parrish Electronics	1804 S. St. Paul, Denver 10, Colo	SK6-9455
Del	W A Brown & Associates	3610 Mt. Vernon Ave, Alexandria, Va	
DC	W A Brown & Associates	3610 Mt. Vernon Ave, Alexandria, Va	
Fla	W A Brown & Associates	201 Capron Rd, Indian River City, Fla	TI1086
Ga	W A Brown & Associates	201 Capron Rd, Indian River City, Fla	TI1086
Idaho	Harry Levinson Co	1117 Second Ave, Seattle 1, Wash	MA2-5433
Ky	W A Brown & Associates	3610 Mt. Vernon Ave, Alexandria, Va	
Md	W A Brown & Associates	3610 Mt. Vernon Ave, Alexandria, Va	
Miss	W A Brown & Associates	201 Capron Rd, Indian River City, Fla	TI1086
Mont	Harry Levinson Co	1117 Second Ave, Seattle 1, Wash	MA2-5433
Nev	Perlmuth Electronic Associates Inc	5057 W. Washington Blvd, L A 16, Cal	WE1-1041
NM	Parrish Electronics	1804 S. St Paul, Denver 10, Colo	SK6-9455
NC	W A Brown & Associates	201 Capron Rd, Indian River City, Fla	TI1086
Okla	Arnold Barnes Co	3903 Lemmon Ave, Dallas 19, Tex	LA6-8735
Ore	Harry Levinson Co	1117 Second Ave, Seattle 1, Wash	MA2-5433
SC	W A Brown & Associates	201 Capron Rd, Indian River City, Fla	TI1086
Tenn	W A Brown & Associates	3610 Mt. Vernon Ave, Alexandria, Va	
Tex	Arnold Barnes Co	3903 Lemmon Ave, Dallas 19, Tex	LA6-8735
Utah	Parrish Electronics	1804 S. St. Paul, Denver 10, Colo	SK6-9455
Va	W A Brown & Associates	3610 Mt. Vernon Ave, Alexandria, Va	
Wash	Harry Levinson Co	1117 Second Ave, Seattle 1, Wash	MA2-5433
W. Va	W A Brown & Associates	3610 Mt. Vernon Ave, Alexandria, Va	
Wyo	Parrish Electronics	1804 S. St. Paul, Denver 10, Colo	MA2-5433
	NARDA MICROWAVE CORP	**Plainview, N Y**	**GE3-9000**
	E Hoenperger #12 *175 E 25-285-670-885-895-1045-1135-1145-1170-1705		
Cal	John Francis O'Halloran & Assoc	11636 Ventura Blvd, North Hollywood	TR7-0173
Cal	John Francis O'Halloran & Assoc	825 San Antonio Rd, Palo Alto, Cal	DA6-1493
Colo	Gene French Co	P O Box 15275, Denver 15	MA3-1458
DC	Burlingame Associates Limited	8218 Wisconsin Ave, Wash 14, DC	OL4-6400
Fla	E G Holmes & Associates	1220 Edgewater Dr, Orlando, Fla	GH1-2128
Ga	E G Holmes & Associates	4969 Roswell Rd, N.E., Atlanta 5, Ga	BL5-6660
Idaho	Rush S Drake Associates Inc	P.O. Box 2126, Idaho Falls, Idaho	JA2-7992
Ill	Loren F Green & Associates	5218 W. Diversey Ave, Chicago 39, Ill	PA5-6824
Iowa	Engineering Services Co	1305 Oakland Gardens, Cedar Rapids	EM5-6183
Kan	Engineering Services Co	247 S Pinecrest, Wichita	MU3-3751
Mass	Burlingame Associates Limited	974 Main St, Waltham 54, Mass	TW4-1955
Mich	M P Odell Co	10531 W. McNichols Rd, Detroit 21, Mich	UN2-1573
Mo	Engineering Services Co	4550 Main St, Kansas City 11, Mo	JE1-7765
Mo	Engineering Services Co	6717 Vernon Ave. St Louis 30	PA6-2233
NM	Gene French Co	7900 Zuni Rd. SE, Albuquerque	AM8-2478
NY	Burlingame Associates Limited	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
NY	Burlingame Associates Limited	514 University Bldg, Syracuse, NY	GR4-7409
NC	E G Holmes & Assoc	440 W Market St. Greensboro	BR2-0855
Ohio	M P Odell Co	26614 Center Ridge Rd, Westlake, Ohio	TR1-8000
Ohio	M P Odell Co	2676 Salem Ave, Dayton 6, Ohio	CR7-4441
Okla	Arnold Barnes Co	P O Box 5417, Tulsa 12	MA7-1515
Pa	Burlingame Associates Limited	222 Long Ln. Upper Darby, Pa	SH7-9080
Pa	M P Odell Co	750 Penn Ave, Pittsburgh 21, Pa	FR1-1231
Tex	Arnold Barnes Co	3603 Lemmon Ave. Dallas 19	LA6-8735
Wash	Rush S Drake Assoc. Inc	1817 Norman St. Seattle 44	EA3-8545
	NARDA ULTRASONICS CORP	**200 Michael Dr. Syosset, NY**	**WA1-7100**
	Roewer #10 *60 D 265-1075-1850-1915		
Ariz	Phoenix Jewelers & Gift Supply	27 W. Roosevelt Ave, Phoenix	AL8-0943
Cal	L.H. Butcher Co	3628 E. Olympic Blvd, Los Angeles	AN2-4101
Cal	Western Ultrasonics	57-22 Mezzetine Way, Long Beach, Cal	
Cal	C.C. Moore Co	Box 58, Palos Verdes Estates, Cal	FR8-5204
Colo	Colorado Tool & Gauge	1489 S. Broadway, Denver, Colo	RA2-8067
Conn	E.E. Smith Associates	7 S. Main St, West Hartford, Conn	AD6-3521
Conn	Siel Associates	2407 Dixwell Ave, Hamden, Conn	CH8-2194
DC	James W Whitfield	6006 Onondaga Rd. Wash 16	
Fla	Specialized Equip. Corp	1707 Roslyn Ave, Brandenton, Fla	BR6-2419
Hawaii	Airmotive Enterprises	201 Kailua Rd, Lanikai, Oahu	
Ill	Promatec	5785 Lincoln Ave, Chicago, Ill	LO1-4025
Ill	Electronic Aides	1155 W. Lawrence Ave, Chicago, Ill	LO1-1042
Ind	Graham Electronics	122 S. Senate, Indianapolis, Ind	ME4-8437
Me	Maine Electronic Supply	148 Anderson St, Portland, Me	
Md	H.A. McCormick	Phoenix, Md	NO6-2333
Mich	Hi-Way Electronics	Box 239, Rt 1, Neptune, Mich	
Minn	Tool Supply Co	2518 University Ave, SE, Minneapolis	FE1-1321
Mo	A S Aloe Co	1831 Olive St. St Louis	
NJ	Varo-Smith Assoc	45 N Broad St. Ridgewood	
NY	Rochester Industrial Supply	32 University Ave, Rochester, NY	HA6-3964
NY	Dillow F. Brennan	17 S. Church St, Schenectady, NY	6-3413
NY	Electro Industrial Dist.	365 Mill St, Poughkeepsie, NY	GL2-9100
NY	Gartner Equipment Co	196 S. Geddes St, Syracuse, NY	GR4-4161
NY	Hindman-Mueller-Crocs	47 Meadow Lane, Kenmore, NY	DE7751
NC	Electrical Supply Co	E. Commerce St, High Point, NC	
Ohio	Baker Distributing Co	1105 W. 11th St, Cleveland, Ohio	MA1-7131
Okla	Trice Electronics	800 N. Hudson, Oklahoma City, Okla	FO5-6491
Ore	George Barhart	2750 NW. 31 Ave, Portland, Ore	CA8-9676
Pa	Pagoda Industries	9th at Olley, Reading, Pa	FR3-7230
Pa	Charles C. Free	2925 Parkdale, Pittsburgh, Pa	AT1-8741
Pa	H.C. Buerger Co	Glenside & Rices Mill Rd, Wyncote, Pa	CA4-1740
RI	Foster Engineering	547 Mineral Springs Ave, Pawtucket	
Tenn	Hirsh Electronics	1658 Union Ave, Memphis, Tenn	
Tex	R.A. Mayes Co	Box 3344, El Paso, Tex	LY8-2482
Tex	A.C. Fricke Co	212 Julien St, Dallas, Tex	WH6-2151
Utah	A.G. Peterson	417 W. 17th South St, Salt Lake City	HU4-5221
Wash	L.P. Sharts	1700 Sixth Ave, S. Seattle, Wash	MA3-1056
Canada	Measurement Engrg., Ltd	1959 Avenue Rd, Toronto, Ont	
	NARMCO MATERIALS DIV SUB TELECOMPUTING CORP	**600 Victoria St, Costa Mesa, Cal**	**LI8-1144**
	30-975-1290		
Cal	Narmco Materials	8125 Aero Dr, San Diego, Cal	BR7-3840
NY	Narmco Materials	800 Old Country Rd, Garden City, NY	
Ohio	Bek Associates	330 Salem Ave, Dayton 6, Ohio	
Ohio	Bek Associates	28754 Smith Ave, Westlake, Ohio	
Tex	Narmco Materials	3900 Wesley Dr, Ft. Worth, Tex	
Wash	Narmco Materials	Fourth Ave Bldg, Seattle, Wash	
Canada	Aviation Developments Ltd	1151 Kipling Ave, N., Rexdale, Ont, Canada	
	NARROW FABRIC CO	**Reading, Pa**	
	375		
•	**NASH & HARRISON LTD**	**1355 Wellington St. Ottawa 3, Ont**	**PA2-6544**
	P Nash #3 *7 B 338-360-895-1100		
Mass	Barkley & Dexter Labs, Inc	50 Frankfort St, Fitchburg	DI3-3716
For	Electronic Production Aids Co	192 A Chertsey Common Rd, West Park, Surrey, Eng	DE3374
For	J. ter Steege	Conradkade 57, Den Haag, Holland	0-70-635331
For	R De Saint Hilaire	5 Rue De Monceau, Paris, Fr	WA78-78
	NASHUA CORP	**44 Franklin St, Nashua, NH**	**TU3-7711**
	W Conway *1,200 G 1250		
	NATEL ENGINEERING CO., INC	**15922 Strathern St, Van Nuys, Cal**	**ST2-4161**
	N Lerman #3 *10 B 338-470-475-670-895-1150-1460-1810		
Cal	King Engineering Co	5120 Hollywood Blvd, LA	HO4-7166
Colo	EMF Assoc	PO Box 8, Englewood	[illegible]
Ill	Bernet & Klein Assoc	2441 W Touhy Ave. Chicago 45	BR4-0500
NY	Reve Assoc	600 Old Country Rd. Garden City	PI1-3811
Ohio	Lee Sales Co	4447 Needmore Rd. Dayton 24	BE3-1526
	NATIONAL AERONAUTICAL CORP	**Commerce Dr, Ft. Washington, Pa**	**MI6-2900**
	S Meecham, Jr G 35-45-325-1425-1845-1870		
•	**NATIONAL BERYLLIA CORP**	**1st & Haskell Aves, Haskell, NJ**	**TE9-1600**
	F Smith #4 *65 D 110-115-240-380-715-900-905-1135-1875-1890-1940		
Ariz	Fryco	Box 464, Scottsdale	WH5-3281
Cal	Wm W Tompkins & Co	3344 El Camino Real, Palo Alto	DA6-7940
Cal	Heis & Schoer	3350 Barham Blvd, Hollywood 28	HO2-7357
Conn	R S Pettigrew & Co	10 N Main St, W Hartford	AD3-8533
DC	Walls & Co	1411 Pennsylvania Ave, S.E., Wash 4, DC	FE7-7040
Ill	Harry W Gebhard Co	5125 W Devon Ave, Chicago 46	RO3-3636
Mo	W E Fry & Co	406 W 34th St, Kansas City 11	JE1-5286
NY	Martin P Andrews Inc	Fayetteville	NE7-3144
Ohio	Harry G Lane Co	304 W. 1st St, Dayton 2, Ohio	BA4-3122
	NATIONAL CARBON CO DIV UCC	**270 Park Ave, New York 17, NY**	**LL1-2345**
	160-1485-1545		
Ala	National Carbon Co	2900 Cahaba Rd, Birmingham 1, Ala	TR9-4681
Cal	National Carbon Co	2770 Leonis Blvd, Los Angeles 58, Cal	LU3-3061
Cal	National Carbon Co	22 Battery St, San Francisco 6, Cal	YU2-1360
Ill	National Carbon Co	230 N. Michigan Ave, Chicago 1, Ill	FI6-3300
Pa	National Carbon Co	Oliver Bldg, Mellon Sq, Pittsburgh 22, Pa	EX1-3800
Tex	National Carbon Co	3531 W. Alabama, Houston 27, Tex	MO7-5641
	NATIONAL CASH REGISTER CO	**S. Main at K St, Dayton 9, Ohio**	**BA6-1411**
	H Keesecker #1,200 *52,000 G 338-340		
	Sales Offices in all principal cities of U.S.		
	NATIONAL CERAMIC CO	**500 Southard St. Trenton 2, NJ**	**EX4-5373**
	E Dember #1 *65 C 120-240-900-985-1690		
Conn	Hale-Forden Assoc	1232 Farmington Ave. W Hartford 7	JA3-5323
Del	George Vaux	320 Caversham Rd, Bryn Mawr, Pa	LA5-4517
DC	George Vaux	320 Caversham Rd, Bryn Mawr, Pa	LA5-4517
Ga	George Vaux	320 Caversham Rd, Bryn Mawr, Pa	LA5-4517
Ill	Jerry Golten Co	2750 W North Ave. Chicago 47	EV4-5959
Ind	Jerry Golten Co	2750 W North Ave. Chicago 47, Ill	EV4-5959
Me	Hale-Forden Assoc	1232 Farmington Ave. W Hartford 7, Conn	JA3-5323
Md	George Vaux	320 Caversham Rd, Bryn Mawr, Pa	LA5-4517
Mass	Hale-Forden Assoc	1232 Farmington Ave. W Hartford 7, Conn	JA3-5323
Mich	Jerry Golten Co	2750 W North Ave. Chicago 47, Ill	EV4-5959
NH	Hale-Forden Assoc	1232 Farmington Ave. W Hartford 7, Conn	JA3-5323
NJ	George Vaux	320 Caversham Rd, Bryn Mawr, Pa	LA5-4517
NY	Wadsworth Mfg Associates	509 Balsam St, Liverpool, NY	OL2-7043
NY	John Richardt Co	Rt 46, Pine Brook, NJ	CA8-0600
Ohio	Augey Natalino Assoc	Stow, Ohio	OV8-3930
Pa	Augey Natalino Assoc	Stow, Ohio	OV8-3930
Pa	George Vaux	320 Caversham Rd, Bryn Mawr, Pa	LA5-4517
RI	Hale-Forden Assoc	1232 Farmington Ave. W Hartford 7, Conn	JA3-5323
Vt	Hale-Forden Assoc	1232 Farmington Ave. W Hartford 7, Conn	JA3-5323
Va	George Vaux	320 Caversham Rd. Bryn Mawr, Pa	LA5-4517
Wis	Jerry Golten Co	2750 W North Ave. Chicago 47, Ill	EV4-5959
	NATIONAL CINE EQUIPMENT INC	**209 W. 48 St, New York, NY**	**CI6-0348**
	E Harwood B 130-200-895-1015-1430-1740-1810		
Cal	Gordon Enterprises	5362 N Cahuenga Blvd. N Hollywood	PO6-3725
Ill	Behrend Cine Corp	161 E Grand Ave. Chicago 11	MI2-2281
Mich	Village Camera Shop	13300 Kercheval Ave. Detroit 15	VA2-4086
Can	Alex L Clark Ltd	3751 Bloor St. Islington, Ont	BE1-3303
	NATIONAL COIL CO	**P. O. Box 1237, Sheridan, Wyo**	**OR4-7644**
	H Dample #4 *49 C 320-670-1855		
Cal	Wm W Tompkins & Co	3344 El Camino Real, Palo Alto	DA6-7940
Cal	E W Bahm Co	6214 W Manchester Blvd. Los Angeles 45	OR0-1620
Fla	Charles Proctor Co	PO Box 3185, Orlando	GA5-7603
Ill	Frank Tye Sales	1039 Willow St, Chicago 14, Ill	WH4-6681
Ind	W T Brase Co	PO Box 2011, Sta A, Ft Wayne	EA8206
Kan	Halgin Sales	5920 Nall, Mission, Kan	RA2-2441
Md	Stemler Assoc & Co	25 W Pennsylvania Ave. Towson 4	VA8-8853
Mo	Halgin Sales	721 Olive St, St Louis 1, Mo	CH1-6919

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NJ	Harold Gray Assoc	9-10 Highwood Ave. Tenafly	LO7-3585
Ohio	Miles C McKearney	PO Box 254, Chagrin Falls	CH7-8151
Tex	Jacobson Co., The	PO Box 5702, Dallas	FL1-3862
	NATIONAL CONNECTOR CORP	**Science Ind. Center, Mpls. 27, Minn**	**KE3-5361**
	F Cahill #9 *55 D 345		
Ala	Milan Assoc	7215 York Rd. Baltimore 12, Md	VA5-1120
Ariz	Lee Grant Snyder Co	1418 N. Highland Ave. Hollywood, Cal	HO9-6278
Ark	K O Brown & Co	8400 Westchester, Dallas 25, Tex	EM1-2351
Cal	Lee Grant Snyder Co	1418 N. Highland Ave. Hollywood	HO9-6278
Conn	T Kennedy Co	19 Forest Rd. Wakefield, Mass	CR6-5532
Del	Milan Assoc	7215 York Rd. Baltimore 12, Md	VA5-1120
DC	Milan Assoc	7215 York Rd. Baltimore 12, Md	VA5-1120
Fla	Milan Assoc	7215 York Rd. Baltimore 12, Md	VA5-1120
Ga	Milan Assoc	7215 York Rd. Baltimore 12, Md	VA5-1120
Ill	Withers/Rupe/Cahill	5439 W. Division, Chicago	AU7-7292
Ind	Frank E Katsar Sales	4903 Prosperity Pl. Cinc 38	GR1-9011
Ky	Frank E Katsar Sales	4903 Prosperity Pl. Cinc 38, Ind	GR1-9011
La	Ken O Brown & Co	8400 Westchester, Dallas 25, Tex	EM1-2351
Me	T Kennedy Co	19 Forest Rd. Wakefield, Mass	CR6-5532
Md	Milan Assoc	7215 York Rd. Baltimore 12	VA5-1120
Mass	T Kennedy Co	19 Forest Rd. Wakefield	CR6-5532
Mich	Reichold Assoc	1855 Hunter St. Belmont	VO6-0626
NH	T Kennedy Co	19 Forest Rd. Wakefield, Mass	CR6-5532
NJ	Milan Assoc	Box 336, Chatham	MU5-8960
NY	Samuel R Morrow	Box 336, Chatham, NJ	MU5-8960
NY	Reed Tollefson Corp	2835 Monroe Ave. Rochester	GR3-2707
NC	Samuel R Morrow	Box 336, Chatham, NJ	MU5-8960
Ohio	Frank E Katsar Sales	4903 Prosperity Pl. Cinc 38	GR1-9011
Okla	K O Brown Co	8400 Westchester, Dallas 25, Tex	EM1-2351
Pa	Frank E Katsar Sales	4903 Prosperity Pl. Cinc 38, Ohio	GR1-9011
Pa	Milan Assoc	Box 336, Chatham, NJ	VA5-1120
RI	T Kennedy Co	19 Forest Rd. Wakefield, Mass	CR6-5532
SC	Milan Association	7215 York Rd. Baltimore 12, Md	VA5-1120
Tenn	Milan Assoc	7215 York Rd. Baltimore 12, Md	VA5-1120
Tex	K O Brown Co	8400 Westchester, Dallas 25	EM1-2351
Vt	T Kennedy Co	19 Forest Rd. Wakefield, Mass	CR6-5532
Va	Milan Assoc	7215 York Rd. Baltimore 12, Md	VA5-1120
Wis	Withers/Rupe/Cahill	5439 W. Division, Chicago, Ill	AU7-7292
	NATIONAL DECALCOMANIA CORP	**236 N. 60th St, Philadelphia, Pa**	**GR2-1480**
	965-975-1195		
Ala	Harvey Gabbert & Co	Highland Sta. P.O. Box 3391, Birmingham, Ala	
DC	Mattey & Hessler Co	1335 Green Ct. N.W., Washington 5, DC	
Fla	H Denny Schwager	1812 N.W. 18th Ave, N. Miami, Fla	
Ind	Owen Co	3642 Watson Rd, Indianapolis, Ind	
La	Thomas Dunne Co	535 Natchez St, New Orleans 1, La	
Md	Paul A Riley	P.O. Box 7162, Baltimore, Md	
Mass	Herman T Ford	P.O. Box 1061, Norton, Mass	
Mass	Wm Fiercer	RFD 1, Amherst, Mass	
Mich	James T Alton Jr	10000 W. Chicago Blvd, Detroit 4, Mich	
Mich	A L Johnson	619 Brookland Blvd, Lansing 10, Mich	
NY	National Decal Corp	205 E. 42nd St, New York, NY	
NY	Neal J Callagan	182 Bloomingrove Dr, Troy, NY	
NY	Ken Pierce	130 N. Chippewa St, Buffalo 2, NY	
Ohio	Vince G Bowman	4500 Euclid Ave, Cleveland 3, Ohio	
Ohio	W A Bell	Third National Bldg, Dayton 2, Ohio	
Pa	Harry H Dubbs	324 Hamilton St, Allentown, Pa	
Pa	National Decal Corp	236 N. 60th St, Philadelphia, Pa	
Tenn	W E Nolan	185 Adams Ave, Memphis 3, Tenn	
	NATIONAL ELECTRIC COIL DIV McGRAW EDISON CO	**800 King Ave, Columbus 16, Ohio**	**HU8-1151**
	B Price #30 *650 E 320-620-625-900-1890		
Ala	J E Pastiello	1780 Vanderbilt Rd, Birmingham 1, Ala	AL1-8486
Ariz	T K Hawkins	3027 Durfee Ave, El Monte, Cal	GI8-4858
Ark	B B Beatty	315 N. Harr St, W. Frankfort, Ill	1110
Cal	T K Hawkins	3027 Durfee Ave, El Monte, Cal	GI8-4858
Colo	D W Hatfield	1530 Harvard Ave, Salt Lake City 5, Utah	EM4-8315
Conn	J H Chevalier	250 Park Ave, New York 17, NY	OX7-4644
Del	R A Procter	6 Penn Center Plaza, Phila 3, Pa	LO4-1480
DC	R A Procter	6 Penn Center Plaza, Phila 3, Pa	LO4-1480
Fla	L L Herring	208 Sylvan Dr, Charlotte 6, NC	FR5-2135
Ga	L L Herring	208 Sylvan Dr, Charlotte 6, NC	FR5-2135
Idaho	D W Hatfield	1530 Harvard, Salt Lake City 5, Utah	EM4-8315
Ill	B B Beatty	315 N. Harr St, W. Frankfort, Ill	1110
Ill	J W Miller	224 S. Michigan Ave, Chicago 4, Ill	WA2-8102
Ind	G A Tiller	233 Cardigan Rd, Dayton 59, Ohio	AX9-3865
Ind	J W Miller	224 S. Michigan Ave, Chicago 4, Ill	WA2-8102
Iowa	J W Miller	224 S. Michigan Ave, Chicago 4, Ill	WA2-8102
Kan	B B Beatty	315 N. Harr St, W. Frankfort, Ill	1110
Ky	D K Peck	2370 Edgevale Rd, Columbus 21, Ohio	HU8-0712
La	J E Pastiello	1780 Vanderbilt Rd, Birmingham 1, Ala	AL1-8486
Me	J H Chevalier	250 Park Ave, New York 17, NY	OX7-4644
Md	R A Procter	6 Penn Center Plaza, Phila 3, Pa	LO4-1480
Mass	J H Chevalier	250 Park Ave, New York 17, NY	OX7-4644
Mich	C W Brown	31239 E. Rutland Ave, Birmingham, Mich	MI6-4680
Mich	J W Miller	224 S. Michigan Ave, Chicago 4, Ill	WA2-8102
Minn	J W Miller	224 S. Michigan Ave, Chicago 4, Ill	WA2-8102
Miss	J E Pastiello	1780 Vanderbilt Rd, Birmingham 1, Ala	AL1-8486
Mo	B W Beatty	315 N. Harr St, W. Frankfort, Ill	1110
Mont	D W Hatfield	1530 Harvard Ave, Salt Lake City 5, Utah	EM4-8315
Neb	D W Hatfield	1530 Harvard Ave, Salt Lake City 5, Utah	EM4-8315
Neb	J W Miller	224 S Michigan Ave, Chicago 4, Ill	WA2-8102
Nev	D W Hatfield	1530 Harvard Ave, Salt Lake City 5, Utah	EM4-8315
NH	J H Chevalier	250 Park Ave, New York 17, NY	OX7-4644
NJ	J H Chevalier	250 Park Ave, New York 17, NY	OX7-4644
NM	T K Hawkins	3027 Durfee Ave, El Monte, Cal	GI8-4858
NY	J H Chevalier	250 Park Ave, New York 17, NY	OX7-4644
NC	L L Herring	208 Sylvan Dr, Charlotte 6, NC	FR5-2135
ND	D W Hatfield	1530 Harvard Ave, Salt Lake City 5, Utah	EM4-8315
Ohio	D K Peck	2370 Edgevale Rd, Columbus 21, Ohio	HU8-0712
Ohio	C W Brown Jr	6805 Lake Ave, Cleveland 2, Ohio	OL1-5774
Ohio	C W Brown, Jr	6805 Lake Ave. Cleveland 2	OL1-5774
Ohio	D K Peck	2370 Edgevale Rd. Columbus 21	HU8-0712
Okla	B B Beatty	315 N. Harr St, W. Frankfort, Ill	1110
Ore	D W Hatfield	1530 Harvard Ave, Salt Lake City 5, Utah	EM4-8315
Pa	W H McPherson	323 Robinwood Lane, Canonsburg	WI1-6334

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Pa	B L Decker	98 Allenhurst Rd, Buffalo 14, NY	UN0322
Pa	R A Procter	Transportation Center Bldg, Phila 3	LO4-1480
Pa	W H McPherson	345 Mt. Lebanon Blvd, Pittsburgh 34	LE1-1166
RI	J H Chevalier	250 Park Ave, New York 17, NY	OX7-4644
SC	D L Herring	208 Sylvan Dr, Charlotte 6, NC	FR5-2135
SD	D W Hatfield	1530 Harvard Ave, Salt Lake City 5, Utah	EM4-8315
Tenn	L L Herring	208 Sylvan Dr, Charlotte 6, NC	FR5-2135
Tex	J E Pastiello	1780 Vanderbilt Rd. Birmingham, Ala	AL1-8486
Utah	D W Hatfield	1530 Harvard Ave, Salt Lake City 5, Utah	EM4-8315
Vt	J H Chevalier	250 Park Ave, New York 17, NY	OX7-4644
Va	W C Barnard	108 Hillpark Dr, Beckley, W. Va	CL3-6641
Va	W B Frith	1408 Whitethorn St, Bluefield, W. Va	DA5-8882
Wash	D W Hatfield	1530 Harvard Ave, Salt Lake City 5, Utah	EM4-8315
W. Va	W B Frith	1408 Whitethorn St, Bluefield, W. Va	DA5-8882
W. Va	W C Barnard	108 Hillpark Dr, Beckley, W. Va	CL3-6641
Wisc	J W Miller	224 S. Michigan Ave, Chicago 4, Ill	WA2-8102
Wyo	D W Hatfield	1530 Harvard Ave, Salt Lake City 5, Utah	EM4-8315
Foreign	Stemco Proprietary Ltd	152 Smit St, Johannesburg, S. Africa	
Foreign	Charles M Terry Pty Ltd	115 Pitt St, Sydney, NSW Australia	
	NATIONAL ELECTRIC WELDING MACHINES CO.	**1846 N Trumbull St. Bay City, Mich**	**TW3-9505**
	H Lange #52 *250 F 1075-1945		
Ala	Welding Alloys & Supply Co	515 N 7th Ave. Birmingham 4	FA3-6631
Cal	George S Tiey	2230 W 11th, Los Angeles 6	DU7-1158
Cal	Wm M Curtis	Baywood Ave. Ross	GL4-7286
Colo	R E Duboc	2153 S Broadway, Denver 10	RA2-4603
Ill	L J Gottschalk Jr	5203 W Chicago Ave. Chicago 51	AU7-0786
Mass	E C Hall	96 Dewey St. Worcester 10	PL5-0869
Mich	R V Anderson	2631 N Woodward, Royal Oak	JO6-7171
Mo	Duane H Wade	PO Box 3765, St Louis 22	YO5-3737
Ohio	Moulton & Heller	3305 Mayfield Rd. Cleveland 18	YE2-6360
Ohio	C O Adams & Co	3412 Far Hills Ave. Dayton 19	AX9-2360
Pa	K Wm Ostrom & Co Inc	333 Shadeland Ave. Drexel Hill	CL9-1130
Tex	Preston Machine Tools, Inc	501 Navigation Blvd. Houston 11	WA8-3157
Can	UptonBradeen & James Ltd	Toronto, Ont	WA4-5751
	NATIONAL ELECTRONICS	**P. O. Box 1237, Sheridan, Wyo**	**OR4-7644**
	J Demple #4 *50 B 360-895		
Cal	E W Bohm Co	6214 W Manchester Blvd. Los Angeles 45	ORO-1620
Cal	Wm W Tompkins & Co	3944 El Camino Real, Palo Alto	DA6-7940
Colo	Hytronic Measurements Inc	1295 S. Bannock St, Denver 23 Colo	PE3-3701
Fla	Charles Procter Co	PO Box 3185, Orlando	GA5-7601
Ind	W T Sease	Box 7011, Sta A, Ft Wayne 3	EA0236
Kan	Halgin Sales	5935 Nall, Mission, Kan	RA2-2441
Md	Walter Stemler & Assoc	25 W Pennsylvania Ave. Towson 4	
Mo	Halgin Sales	721 Olive St, St Louis 1, Mo	CH1-6919
NJ	Stemler Assoc	17 Birchwood Rd, Hawthorne	
NM	Hytronic Measurements Inc	211 Sierra S.E., Albuquerque, NM	
Tex	Norman S Brown	5802 Boca Raton Dr, Dallas 30	EM3-1698
Utah	Hytronic Measurements, Inc	2022 S Main, Salt Lake City	IN6-4924
Wash	Instrumentation Engineering Sales	1331-3rd Ave Bldg. Seattle 1	MA2-0500
	NATIONAL ELECTRONICS INC A SUB OF EITEL McCULLOUGH INC	**628 North St, Geneva, Ill**	**CE2-7000**
	H Chalberg #17 *100 E 1075-1880		
Cal	C E Price Co	1010 Robertson Blvd, Los Angeles, Cal	OL5-9454
	NATIONAL ELECTRONICS LABS INC	**1713 Kalorama Rd, N.W., Wash 9, DC**	**HU3-5900**
	325-475-1425-1845-1870		
	NATIONAL ENGINEERING PRODUCTS INC	**435 Washington Bldg, Washington 5, DC**	**RE7-4473**
	30-900-1290		
	NATIONAL FABRICATORS INC	**2650 W. Belden Ave, Chicago 47, Ill**	**DI2-2650**
	345-1290-1315-1630-1780-1785		
	NATIONAL FELT CO	**76 Summer St, Boston 10, Mass**	**LI2-6590**
	620-625-660-750		
	NATIONAL GASKET & WASHER MFG CO. INC	**124 E. 25th St. NY 10**	**GR5-1866**
	E Cohen #1 *10 A 400-485-620-750-895-900-1125-1505-1545-1940		
	NATIONAL INSTRUMENT LABS INC	**826 Everts St, N.E., Wash, DC**	**NO7-7582**
	D Steele #7 *19 D 360-895		
Cal	R W Thompson Assoc	814 San Antonio Rd, Palo Alto	DA1-6383
Cal	R W Thompson Assoc	1220 Wilshire Blvd. Los Angeles	HU3-9900
Del	K-S Engineering	P.O. Box 87, Media, Pa	LO6-8388
Ill	Jelinek Co	906 Ellynwood Dr, Glen Ellyn, Ill	GL337-W
Ill	Gordon Fixman Engineering	8160 Stanford Ave, St. Louis, Mo	PA5-5219
Ind	The Jelinek Co	906 Ellynwood Dr, Glen Ellyn, Ill	GL337-W
Kan	Gordon Fixman Engineering	8160 Stanford Ave, St. Louis, Mo	PA5-5219
La	J K Moore Co	3115 Leeland Ave, Houston, Tex	CA5-4059
Md	Instrument Sales Inc	826 Everts St, N.E., Washington, DC	NO7-7583
Mich	Basic Service Corp	35544 Plymouth Rd, Detroit 27, Mich	VE7-8820
Mo	Gordon Fixman Engineering	8160 Stanford Ave, St. Louis, Mo	PA5-5219
NJ	Mechanical Specialties Co	30 Church St, New York, NY	WO4-6650
NY	Hamon D Thewalt	768 Potomac Ave, Buffalo, NY	LI8276
NY	Mechanical Specialties Co	30 Church St, New York, NY	WO4-6650
Pa	R M Nelson Co	580 Laurel Ave, Pittsburgh	LO3-0850
Pa	K S Engineering	P.O. Box 87, Media, Pa	LO6-8388
Tex	J K Moore Co	3115 Leeland Ave, Houston 3, Tex	CA5-4059
Va	Instrument Sales Inc	826 Everts St, N.E., Washington, DC	NO7-7583
Wisc	Jelinek Co	906 Ellynwood Dr, Glen Ellyn, Ill	GL337-W
Canada	Found Brothers Aviation Ltd	Malton Airport, Malton, Ontario, Canada	
Foreign	Gordon Hale Int'l Prop Ltd	113 Whitehorse Rd, Victoria, Australia	
•	**NATIONAL LEAD CO**	**111 Broadway, New York 6, NY**	**RE2-9400**
	J Harper G 125-135-233-240-585-700-895-970-1120-1125-1240-1350-1535-1575-1635-1825-1885-1930-1960		
Ariz	Morris P Kirk & Son, Inc	1102 W Watkins St. Phoenix	AL8-7522
Cal	Morris P Kirk & Son, Inc	2700 S Indiana St. Los Angeles 23	AN2-1181
Colo	Morris P Kirk & Son, Inc	1001 Pecos St. Denver	TA5-7388
DC	National Lead Co	1025 Connecticut Ave, NW, Wash 6	EX3-0127
Ga	National Lead Co	451 Bishop St, NW, Atlanta 9	TR6-7361
Ill	National Lead Co	900 W 18 St. Chicago 80	CA6-3700
Ky	National Lead Co	1320 Heyburn Bldg. Louisville	JA1541
La	National Lead Co	816 Tchoupitoulas St, New Orleans 12	JA2-9948
Md	National Lead Co	214 W Henrietta St. Baltimore 3	PL2-8800

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Mass	National Lead Co. of Mass	800 Albany St. Boston 6	GA7-1000
Mich	National Lead Co	3501 Griffin St, Detroit 11	TR4-0400
Minn	National Lead Co	3650 Hampshire Ave. St Louis Park 26	WE9-2675
Mo	National Lead Co	722 Chestnut St. St Louis 1	CH1-8782
Neb	National Lead Co	2610 A St. Omaha 7	OR2220
NJ	National Lead Co	1050 State St. Perth Amboy	VA6-5000
Ohio	National Lead Co	659 Freeman Ave. Cincinnati 3	PA1-7910
Ohio	National Lead Co	1776 Columbus Rd. Cleveland 13	PR1-4060
Ore	Morris P Kirk & Son, Inc	5905 NW St Helens Ave. Portland 10	CA2-1856
Pa	National Lead Co	2607 E Cumberland St. Phila 25	GA6-9500
Pa	National Lead Co	1376 River Ave. Pittsburgh 12	FA1-2305
Tex	National Lead Co	1000 Sargent Rd, Dallas 16	WH8-3521
Tex	National Lead Co	1417 Hardy St. Houston 1	FA3-1303
Wash	Morris P Kirk & Son, Inc	3614 Arpt Way, Seattle	MA2-0075
Wis	National Lead Co	828 N 3rd St. Milwaukee 13	BR6-4070
Can	Canada Metal Co Ltd	721 Eastern Ave. Toronto 8, Ont	HO5-4684
	NATIONAL MOLDITE CO, INC	**250 South St, Newark 5, NJ**	**MI2-6940**
	P Finn #7 *65 E 45-380-715-1085-1120-1145-1290-1830		
Cal	E W Bohm Co	6214 W Manchester Blvd, L A	ORO-1620
Conn	Hazen P Chase	P.O. Box 47, Holyoke, Mass	JE3-0168
Del	R B Barnhill & Assoc	19 W Penn Ave, Baltimore 4, Md	VA5-3431
DC	R B Barnhill & Assoc	19 W Penn Ave, Baltimore 4, Md	VA5-3431
Ill	Jerry Golten Co	2750 W. North Ave, Chicago, Ill	EV4-5959
Ind	Jerry Golten Co, Inc	2750 W North Ave, Chicago, Ill	EV4-5959
Iowa	Jerry Golten Co, Inc	2750 W North Ave, Chicago, Ill	EV4-5959
Mass	Hazen P Chase	Box 47, Holyoke, Mass	JE3-0168
NJ	Murray Sales Co	25 W. Northfield Rd, Livingston, NJ	WY2-3520
NY	Walter Murray	Clifton, NJ	
NY	Franklin & Andrews Sales	2 Standish Ter, Syracuse, NY	
Foreign	O R Klein	Carlos Calvo 324, Buenos Aires, Arg	33-7777
For	Cotesa	Apartado 2050, Mexico 1, D F, Mex	
•	**NATIONAL RADIO CO**	**37 Washington St, Melrose 76, Mass**	**HO5-4000**
	NATIONAL RESEARCH CORP METALS DIV.	**70 Memorial Dr, Cambridge 42, Mass**	**EL4-5400**
	J Gardner #150 *450 F 1125-1885-1960		
•	**NATIONAL SEMICONDUCTOR CORP**	**Danbury, Conn**	**PI3-7624**
	H Lucas #25 *260 E 1860		
Cal	National Semiconductor Corp	690 N Sepulveda Blvd. El Segundo	OR8-4161
Colo	Inland Assoc	1803 Saturn Dr. Colorado Springs	ME3-2050
Fla	John F Walton	7217 Red Rd. Miami	MO5-2074
Ill	National Semiconductor Corp	3306 W Peterson Ave. Chicago	IR8-3290
Kan	Inland Assoc	6047 Howe Dr. Mission	EN2-2186
Md	C H Newson & Assoc. Inc	17 Croftley Rd. Lutherville	VA3-0431
Mass	National Semiconductor Corp	Fox Run Rd. Topsfield	TU7-5029
Mo	Inland Assoc	25 S Bemiston Ave. Clayton	PA1-4435
NJ	National Semiconductor Corp	300 Main St. Chatham	ME5-7001
NY	Arthur L Perkins Co	535 S Warren St, Syracuse	GR1-9828
Pa	C H Newson & Assoc. Inc	813 Bethlehem Pike, Phila	CH8-3377
Tex	Howell Sales, Inc	235 SE 14th St. Grand Prairie	AN2-5153
	NATIONAL SEMICONDUCTORS LTD	**230 Authier St, Montreal 9, PQ, Canada**	**RI4-2946**
	G Peakes #3 *20 B 235		
Ariz	James L McCoy Co	940 Alma St, Glendale 2, Cal	
Cal	James L McCoy Co	940 Alma St. Glendale 2	CI6-2134
Conn	Arthur A Bliss	P O Box 284, Marlboro, Mass	HU5-4027
Del	David K Jones Co	31 E 21st St. Baltimore 18, Md	HO7-3796
DC	David K Jones Co	31 E 21st St. Baltimore 18, Md	HO7-3796
Ill	R J Fenton	2113 S Western Ave. Chicago	VI7-7220
Ind	R T Mathews & Co	5860 Norwaldo Ave. Indpls	CL1-3803
Iowa	R T Mathews & Co	1127 Wells St. Fort Wayne, Ind	EA3917
Ky	R T Mathews & Co	5860 Norwaldo Ave. Indpls, Ind	CL1-3803
Me	Arthur A Bliss	P O Box 284, Marlboro, Mass	HU5-4027
Md	David K Jones Co	31 E 21st St. Baltimore 18	HO7-3766
Mass	Arthur A Bliss	P O Box 284, Marlboro	HU5-4027
Mich	R T Mathews & Co	17183 Stoepel Ave. Detroit 21	UN3-4151
Minn	R T Mathews & Co	1127 Wells St. Fort Wayne, Ind	EA3917
NH	Arthur A Bliss	PO Box 284, Marlboro, Mass	HU5-4027
NJ	Franklin & Andrews Sales Corp	43 Kent Rd. Tenafly	LO9-8800
NJ	David K Jones Co	31 E 21st St. Baltimore 18, Md	HO7-3766
NY	Franklin & Andrews Sales Corp	43 Kent Rd. Tenafly, NJ	LO9-8800
NY	Franklin & Andrews Sales Corp	2 Standish Ter. Syracuse 3	GR6-1120
Ohio	Midwest Sales Co	3219 W 117th St. Cleveland 11	WI1-2700
Pa	David K Jones Co	31 E 21st St. Baltimore 18, Md	HO7-3796
Pa	Midwest Sales Co	3219 W 117th St. Cleveland 11, Ohio	WI1-2700
Vt	Arthur A Bliss	PO Box 284, Marlboro, Mass	HU5-4027
W Va	Midwest Sales Co	3219 W 117th St. Cleveland 11, Ohio	WI1-2700
Wis	R J Fenton	2113 S Western Ave, Chicago, Ill	VI7-7220
Can	Airfilm Components Co	71 Doran Rd, Weston, Toronto 15, Ont	CH1-5533
For	Hird-Brown Limited	244 Marsland Rd. Sale, Cheshire, Eng	PY1991
For	Lempel S A S	Via 20 Settembre 27b, Roma, Italy	474.691
	NATIONAL SPECIALTIES CO INC	**1902 Howell St, Ft Wayne 7, Ind**	**AN2341**
	W Frobeneth #1 *5 A 1825		
	NATIONAL-STANDARD CO	**Niles, Mich**	**MU3-8100**
	R Teler *2100 G 625-1100-1125-1960		
Cal	Natl-Standard Co	6490 Stanford Ave. LA	PL9-0151
Conn	Natl-Standard Co	68 New Britain Rd, Plainville	SH7-2731
Ill	Natl-Standard Co, Reynolds Div	809 E 2nd St, Dixon	AT3-1411
Mass	Natl-Standard Co, Worcester Div	70 James St. Worcester	PL2-2871
Mich	Natl-Standard Co	21040 Coolidge Hwy, Detroit	LI1-5166
NJ	Natl-Standard Co, Athenia Div	Clifton Ave. Clifton	PR9-1881
Ohio	Natl-Standard Co	407 Akron Savings & Loan Bldg. Akron	JE5-1147
Pa	Natl-Standard Co, Cross Plant	186 Dundaff St. Carbondale	300
Can	Natl-Standard Co of Can, Ltd	Guelph, Ont	TA4-0221
	NATIONAL TELEVISION TUBE INC	**Rt 46, Saddle Brook, NJ**	**PR8-5900**
	#1 *20 C 1880		
•	**NATIONAL TEL TRONICS CORP**	**52 St. Casimir Ave, Yonkers, NY**	**YO8-6400**
	C Siebert #4 *95 280-300-345-790-845-920-925-1245-1315-1325-1330-1780-1785		
Ark	W R Patzloff Co	P.O. Box 1786, San Antonio, Tex	LE3-7835
Cal	Richmond Eng Co	9338 Geyser Ave, Northridge	
Conn	Frank Nardo	214 E. Grand Ave, New Haven	HO7-6575
Ill	Lightner Associates	6202 N. Milwaukee Ave, Chicago 46, Ill	SP4-1500

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ind	Morris Cunningham Associates	6208 N. College Ave, Indianapolis, Ind	CL1-3222
Ky	Morris Cunningham Assoc	6208 N. College Ave, Indpls Ind	CL1-3222
La	W R Ritzloff Co	P.O. Box 1786, San Antonio, Tex	LE3-7839
Me	Frank Manzi	214 E. Grand Ave. New Haven, Conn	HO7-6576
Mass	Frank Manzi	214 E. Grand Ave. New Haven, Conn	HO7-6576
Mich	Morris Cunningham Associates	6208 N. College Ave, Indianapolis, Ind	CL1-3222
Mo	Sobel Assoc	7603 Forsyth Blvd. Clayton 5	PA6-4616
NH	Frank Manzi	214 E. Grand Ave. New Haven, Conn	HO7-6576
NJ	Mid Eastern Assoc	Box 306, Levittown, Pa	WI9-1132
NY	Stuart Foster	204 Southfield Dr, Fayetteville	NE7-7137
NY	C J Siebert	52 St. Casimir Ave. Yonkers	YO8-6400
Ohio	G & H Sales Co	Roselawn Center Bldg. Cinc 37	JE1-0553
Pa	Mid Eastern Assoc	Box 306, Levittown	WI9-1132
RI	Frank Manzi	214 Grand Ave. New Haven, Conn	HO7-6576
Tenn	Morris Cunningham Associates	6208 N. College Ave, Indianapolis, Ind	CL1-3222
Tex	W R Ritzloff	P.O. Box 1786, San Antonio, Tex	LE3-7839
Vt	Frank Manzi	214 E. Grand Ave. New Haven, Conn	HO7-7576
Wisc	Lightner Associates	6322 N. Milwaukee Ave, Chicago 46, Ill	SP4-1510
	NATIONAL ULTRASONIC CORP	**95 Park Ave. Nutley 10, NJ**	**NO1-1515**
	#5 *25 B 450-1850-1855-1915		
Ala	Vanguard Assoc	2132 Argo Dr. Hapeville, Ga	PO6-8184
Alas	Fred H Haight Co	3212 Eastlake Ave. Seattle, Wash	EA2-1818
Ariz	Carl Hermann Assoc	551 E Walnut St. Pasadena, Cal	EN0702
Cal	Carl Hermann Assoc	904 Industrial Way, Palo Alto	DA6-6033
Colo	The Mine & Smelter Supply Co	3800 Race St, Denver, Colo	CH4-4353
Conn	Process Eqpt Design Co	Box 46, Wethersfield	
Del	S & S Associates Inc	P.O. Box 6, King of Prussia, Pa	BR9-7192
DC	S & S Assoc	4509 Calvert Rd. College Park, Md	AP7-3777
Fla	Vanguard Assoc	1312 Palm Ave. Melbourne	PA3-3074
Ga	Vanguard Assoc	2132 Argo Dr. Hapeville	PO6-8184
Hawaii	Welding & Industrial Prods Ltd	1375 Kinaulu St. Honolulu, Hawaii	
Idaho	Fred H Haight Co	3212 E. Lake Ave, Seattle, Wash	EA2-1818
Ill	Ardco Inc	5000 W. 73rd St, Chicago, Ill	PO7-2015
Ind	Custom Engineering Co	2975 Far Hills Ave. Dayton, Ohio	AX8-5246
Iowa	Ardco Inc	5000 W. 73rd St, Chicago, Ill	PO7-2015
Kan	Frank J Hartwig Assoc	825 Caddy Ln. Wichita	PA2-1891
Ky	Vanguard Assoc	1312 Palm Ave. Melbourne, Fla	PA3-3074
Me	Process Eqpt Design Co	720 Union St. Manchester, NH	
Md	S & S Assoc	4509 Calvert Rd. College Park	AP7-3777
Mass	Process Eqpt Design Co	272 Centre St. Newton	DE2-1818
Mich	George L Nankervis Co	15300 Fullerton Ave, Detroit, Mich	VE8-5760
Minn	Ardco Inc	5000 W. 73rd St, Chicago, Ill	PO7-2015
Miss	Vanguard Assoc	1312 Palm Ave. Melbourne, Fla	PA3-3074
Mo	Design & Sales Engineering Co	7603 Forsyth Blvd. St Louis	PA1-6403
Mont	Fred H Haight Co	3212 E. Lake Ave, Seattle, Wash	EA2-1818
Nev	Carl Hermann Assoc	904 Industrial Way, Palo Alto, Cal	
NH	Process Eqpt Design Co	720 Union St. Manchester	NA5-6033
NJ	E R A Inc	340 Great Neck Rd, Great Neck, NY	HU2-9320
NJ	S & S Associates	P.O. Box 6, King Of Prussia, Pa	BR9-7192
NM	Carl Hermann Assoc	9562 Ash Creek Dr. Dallas, Tex	RI7-5004
NY	E R A Inc	340 Great Neck Rd, Great Neck, NY	HU2-9320
NC	General Enterprises Inc	Box 3274, Greenville, SC	CE5-0449
Ohio	Custom Engineering Co	2975 Far Hills Ave, Dayton, Ohio	AX8-5246
Ore	Fred H Haight Co	3212 E. Lake Ave, Seattle, Wash	EA2-1818
Pa	S & S Associates Inc	P.O. Box 6, King of Prussia, Pa	BR9-7192
Pa	Earl E Whitaker & Son	822 Wood St, Pittsburgh 12, Pa	FR1-6220
RI	Process Eqpt Design Co	96 Weybosset St. Providence	JA1-3411
SC	General Enterprises, Inc	Box 3274, Greenville	CE5-0449
Tenn	Vanguard Assoc	2132 Argo Dr. Hapeville, Ga	PO6-8184
Tex	Gulf Coast Instrument Co	511 Broadway, Houston	WA8-2421
Utah	The Mine & Smelter Supply Co	8121 E. 2nd, South Salt Lake City, Utah	
Vt	Process Eqpt Design Co	272 Centre St. Newton, Mass	DE2-1818
Va	S & S Assoc	4509 Calvert Rd. College Park, Md	AP7-3777
Wash	Fred H Haight Co	3212 E. Lake Ave, Seattle, Wash	EA2-1818
W.Va	Earl E Whitaker & Son	822 Wood St, Pittsburgh 12, Pa	FR1-6220
Wisc	Ardco Inc	5000 W. 73rd St, Chicago, Ill	PO7-2015
Wyo	The Mine & Smelter Supply Co	3800 Race St, Denver, Colo	CH4-4353
For	Rocke International Corp	13 E 40th St. New York, NY	MU9-0200
	NATIONAL UNION ELECTRIC CORP	**Bloomington, Ill.**	**967-6041**
	E Ewald #5 *35 C 338-895-1880		
Ala	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Ariz	Richard A Strassner Co	1557 N. Western Ave, Los Angeles 27, Cal	HO3-5694
Cal	Richard A Strassner Co	1557 N. Western Ave, Los Angeles 27	HO3-5694
Conn	K C Stevens & Co	235 Bedford St, Lexington 73, Mass	VO2-1812
Fla	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Ga	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Ill	Kenneth W Meyers Co	6713 N. Oliphant Ave, Chicago 31, Ill	SP4-6440
Ind	Kenneth W Meyers Co	6713 N. Oliphant Ave, Chicago 31, Ill	SP4-6440
Iowa	Kenneth W Meyers Co	6713 N. Oliphant Ave, Chicago 31, Ill	SP4-6440
Kan	Packard Associates	Love Field Terminal Bldg, Dallas 35, Tex	FL7-5713
La	Packard Associates	Love Field Terminal Bldg, Dallas 35, Tex	FL7-5713
Me	K C Stevens & Co	235 Bedford St, Lexington 73, Mass	VO2-1812
Mass	K C Stevens & Co	235 Bedford St, Lexington 73, Mass	VO2-1812
Miss	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Nev	Richard A Strassner Co	1557 N. Western Ave, Los Angeles 27, Cal	HO3-5694
NH	K C Stevens & Co	235 Bedford St, Lexington 73, Mass	VO2-1812
NJ	Franklin & Andrews Sales Corp	43 Kent Rd, Tenafly	LO9-8800
NM	Richard A Strassner Co	1557 N. Western Ave, Los Angeles 27, Cal	HO3-5694
NY	Franklin & Andrew Sales Corp	43 Kent Rd, Tenafly, NJ	LO9-8800
NY	Franklin & Andrews Sales Corp	2 Stanton Terrace, Syracuse 3	GI6-1120
NC	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Okla	Packard Associates	Love Field Terminal Bldg, Dallas 35, Tex	FL7-5713
RI	K C Stevens & Co	235 Bedford St, Lexington 73, Mass	VO2-1812
SC	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Tenn	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Tex	Packard Associates	Love Field Terminal Bldg, Dallas 35, Tex	FL7-5713
Vt	K C Stevens & Co	235 Bedford St, Lexington 73, Mass	VO2-1812
Va	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
W. Va	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Wisc	Kenneth W Meyers Co	6713 N. Oliphant Ave, Chicago 31, Ill	SP4-6440
For	Minthorne Intl Co Inc	15 Moore St, NY 4	BO9-6272
	NATIONAL VIDEO CORP	**4300 W. 47 St, Chicago 32, Ill**	**CL4-5600**
	R Scott #45 *800 G 1875		
	NATIONAL VULCANIZED FIBRE CO	**Box 311, Wilmington 99, Del**	**OL5-6371**
	J Kelleher *1800 G 110-135-175-230-338-660-770-900-975-1290-1890-1940		
Ala	National Vulcanized Fibre Co	P.O. Box 37, Griffin, Ga	GR8-1308
Ariz	National Vulcanized Fibre Co	2216 S. Garfield Ave, Los Angeles, Cal	RA3-0291
Cal	National Vulcanized Fibre Co	533 Middlefield Rd, Palo Alto, Cal	DA6-4667
Cal	National Vulcanized Fibre Co	2216 S. Garfield Ave, Los Angeles, Cal	RA3-0291
Conn	National Vulcanized Fibre Co.	1960 Whitney Ave, Hamden 17	CH8-0510
DC	National Vulcanized Fibre Co	7301 York Rd, Towson 4, Md	VA3-0393
Fla	National Vulcanized Fibre Co	2411 Covina Way, St. Petersburg, Fla	5-5505
Ga	National Vulcanized Fibre Co	P.O. Box 37, Griffin, Ga	GR8-1308
Ill	National Vulcanized Fibre Co	2415 Gardner Rd, Broadview, Ill	AU7-1935
Ind	National Vulcanized Fibre Co	3613 N. Hovey St, Indianapolis, Ind	WA3-6381
Md	National Vulcanized Fibre Co	7301 York Rd, Towson 4, Md	VA3-0393
Mass	National Vulcanized Fibre Co	62 Prospect St, Waltham 54, Mass	TW4-3500
Mich	National Vulcanized Fibre Co	18075 James Couzens Hwy, Detroit, Mich	UN3-3632
Mo	National Vulcanized Fibre Co	2 S. Brentwood Blvd, St. Louis, Mo	PA5-9577
NJ	National Vulcanized Fibre Co	1050 Broad St, Newark, NJ	MI2-6040
NY	National Vulcanized Fibre Co	695 Winton Rd, Rochester, NY	HI5-2960
NY	National Vulcanized Fibre Co	50 Church St, New York, NY	CO7-3835
NC	National Vulcanized Fibre Co	309 Builders Bldg, Charlotte, NC	ED3-7432
Ohio	National Vulcanized Fibre Co	30 E. Central Pkwy, Cincinnati, Ohio	GA1-0632
Ohio	National Vulcanized Fibre Co	2900 Lee Rd, Cleveland, Ohio	ER1-0240
Pa	National Vulcanized Fibre Co	119 Federal St, Pittsburgh, Pa	FA1-3939
Pa	National Vulcanized Fibre Co.	6910 Market St, Upper Darby, Conn	
Tex	National Vulcanized Fibre Co	2331 Gus Thomasson Rd, Dallas, Tex	DA4-4386
Wash	National Vulcanized Fibre Co	4001 Whitman Ave, Seattle, Wash	ME2-7298
Wisc	National Vulcanized Fibre Co	739 N. Broadway, Milwaukee, Wisc	BR6-6395
	NATIONAL WIRE & CABLE CORP	**136 San Fernando Rd. L A 31, Cal**	**CA5-5611**
	J Miller #3 *50 E 190-1575-1960		
Cal	National Wire & Cable Corp	PO Box 665, San Bruno	JU9-6624
Cal	Sam Dawson	PO Box 10455, San Diego 10	CY5-6671
•	**NATVAR CORP**	**Woodbridge, NJ**	**FU8-8800**
	S Sichermann #15 *160 E 620-625-900-1505-1755		
Ala	Manufacturers Sales Co	509 Cornwallis Dr. Greensboro, NC	BR4-1401
Ariz	Electrical Specialty Co	P.O. Box 232 Phoenix, Ariz	
Ark	Engineering Associates Inc	2912 Stanley, Fort Worth, Tex	WA3-7386
Cal	Electrical Specialty Co	158-168 11th St, San Francisco 3, Cal.	HE1-8450
Cal	Electrical Specialty Co	2820 E. 12th St, Los Angeles 23, Cal	AN9-9511
Colo	Electrical Specialty Co	2026 Arapahoe St, Denver 5, Colo	CH4-4588
Conn	E F Bosse	48 Sanford Ln, Stamford, Conn	DA2-2026
Del	I R Blair	18 Hilltop Rd, Philadelphia 18, Pa	CH7-1575
Fla	Jack Geartner Co	215 Lincoln Rd, Miami Beach, Fla	JE1-0200
Fla	Jack Geartner Co	711 Magnolia Ave, Orlando, Fla	GA4-3926
Ga	Manufacturers Sales Co	509 Cornwallis Dr, Greensboro, NC	BR4-1401
Idaho	Electrical Specialty Co	158-168 11th St, San Francisco 3, Cal.	HE1-8450
Idaho	Electrical Specialty Co	212 N.W. 14th Ave, Portland 9, Ore	CA7-3188
Ill	William Maxwell Co.	1222 W. Morse Ave, Chicago 26, Ill	BR4-3164
Ind	Insulating Components Co	2701 W 16th St. Indianapolis 12	ME9-3324
La	Engineering Associates Inc	2912 Stanley, Ft. Worth, Tex	WA3-7386
Md	I R Blair	18 Hilltop Rd, Philadelphia 18, Pa	CH7-1575
Mich	M F Pinkus Co	3117 W. McNichols Rd, Detroit 21, Mich	DI1-8688
Minn	D A Schultz Co	801 S.E. 8th St, Minneapolis 14, Minn	FI7701
Mo	J F Shewalter	11728 Lippington Barracks Rd, St. Louis	VI3-7201
Mont	Electrical Specialty Co	2406 First Ave, S., Seattle 4, Wash	MA3-8061
Mont	Electrical Specialty Co	2026 Arapahoe St, Denver 5, Colo	CH4-4588
Neb	Electrical Specialty Co	2026 Arapahoe St, Denver 5, Colo	CH4-4588
Nev	Electrical Specialty Co	158-168 11th St, San Francisco 3, Cal.	HE1-8450
Nev	Electrical Specialty Co	2820 E. 12th St, Los Angeles 23, Cal	AN9-9511
NJ	I R Blair	18 Hilltop Rd, Philadelphia 18, Pa	CH7-1575
NJ	L K Detwiler	443 Broad St, Newark 2, NJ	HU5-9000
NM	Electrical Specialty Co	2026 Arapahoe St, Denver 5, Colo	CH4-4588
NY	L K Detwiler	443 Broad St, Newark 2, NJ	HU5-9000
NY	Hansen Sales Co	1950 E. Main St, Rochester 9, NY	HU2-3544
NY	John Rafter	Zimmerman Rd, Hamburg, NY	EM1782
NC	Manufacturers Sales Co	509 Cornwallis Dr, Greensboro, NC	BR4-1401
ND	D A Schultz Co	801 S.E. 8th St, Minneapolis 14, Minn	FI7701
Ohio	C H McCullough	418 First Ave, Pittsburgh, Pa	EX1-1887
Ohio	C J Venemer Co	13017 Detroit Ave, Cleveland 7, Ohio	AC1-2800
Okla	Engineering Associates Inc	2912 Stanley, Ft. Worth, Tex	WA3-7386
Ore	Electrical Specialty Co	158-168 11th St, San Francisco 3, Cal	HE1-8450
Ore	Electrical Specialty Co	212 N.W. 14th Ave, Portland 9, Ore	CA7-3188
Pa	I R Blair	18 Hilltop Rd, Philadelphia 18, Pa	CH7-1575
Pa	Hansen Sales Co	1950 E. Main St, Rochester 9, NY	HU2-3544
Pa	John Rafter	Zimmerman Rd, Hamburg, NY	EM1782
Pa	C H McCullough	418 First Ave, Pittsburgh, Pa	EX1-1887
SC	Manufacturers Sales Co	509 Cornwallis Dr, Greensboro, NC	BR4-1401
SD	D A Schultz Co	801 S.E. 8th St, Minneapolis 14, Minn	FI7701
Tex	Electrical Specialty Co	2026 Arapahoe St, Denver 5, Colo	CH4-4588
Tex	Engineering Associates Inc	2912 Stanley, Ft. Worth, Tex	WA3-7386
Utah	Electrical Specialty Co	158-168 11th St, San Francisco 3, Cal.	HE1-8450
Va	Manufacturers Sales Co	509 Cornwallis Dr. Greensboro, NC	BR4-1401
Wash	Electrical Specialty Co	212 N.W. 14th Ave, Portland 9, Ore	CA7-3188
Wash	Electrical Specialty Co	2406 First Ave, S., Seattle, Wash	MA3-8061
W. Va	C H McCullough	418 First Ave, Pittsburgh, Pa	EX1-1887
W Va	Manufacturers Sales Co	509 Cornwallis Dr. Greensboro, NC	BR4-1401
Wisc	William Maxwell Co.	1222 W. Morse Ave, Chicago 26, Ill	BR4-3164
Wisc	D A Schultz Co	801 S.E. 8th St, Minneapolis 14, Minn	FI7701
Wyo	Electrical Specialty Co	2026 Arapahoe St, Denver 5, Colo	CH4-4588
	NAUGATUCK CHEMICAL DIV OF US RUBBER CO	**Naugatuck, Conn**	**PA9-5241**
	1290		
	NAUGLER ENGINEERING	**19 Madison Ave, Beverly, Mass**	**WA2-5634**
	C Osborn 390		
	NAVAN PRODUCTS INC A SUB OF NORTH AMERICAN AVIATION INC	**900 N Sepulveda, El Segundo, Cal**	**OR8-5615**
	135-315-645-1950		
•	**NAVIGATION COMPUTER CORP**	**Valley Forge Ind Park, Norristown, Pa**	**GL2-6531**
	D Biberman #20 *100 E 150-280-325-330-338-450-455-475-515-720-865-895-1150-1340-1810		
Ala	W A Brown Associates	201 Capron Rd, Indian River City, Fla	AM7-0411
Ariz	Wm K Geist Co	3177 Glendale Blvd. LA 39, Cal.	NO5-1195
Cal	William Theisner & Co	435 S. Sunnyvale Ave, Sunnyvale, Cal	RE9-8460
Cal	Wm K Geist Co	3177 Glendale Blvd. LA 39	NO5-1195
Del	W A Brown Associates	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
DC	W A Brown Associates	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Fla	W A Brown Associates	201 Capron Rd, Indian River City, Fla	AM7-0411
Ga	W A Brown Associates	201 Capron Rd, Indian River City, Fla	AU7-0411
Iowa	Arthur Eng Sales Co	11216 Mallory Ave, Hales Corner, Wis	GA5-5919
Me	Measurement Eqpt Corp	244 Main St. N Reading, Mass	CR6-5770
Md	W A Brown Associates	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Mass	Measurement Eqpt Corp	244 Main St. N Reading	CR6-5770
Mich	Anderson Electronics Co	19364 James Couzens Hwy, Detroit 35	TU2-1670
Minn	Arthur Eng Sales Co	11216 Mallory Ave. Hales Corner, Wis	GA5-5919
Miss	W A Brown Associates	201 Capron Rd, Indian River City, Fla	AM7-0411
Nev	William Theisner & Co	435 S. Sunnyvale Ave, Sunnyvale, Cal	RE9-8460
Nev	Wm K Geist Co	3177 Glendale Blvd. LA 39, Cal	NO5-1195
NH	Measurement Eqpt Corp	244 Main St. N Reading, Mass	CR6-5770
NJ	I E Robinson Co	915 Main St, Asbury Park, NJ	KE1-3150
NM	Wm K Geist Co	3177 Glendale Blvd. LA 39, Cal	NO5-1195
NY	D B Associates Inc	P.O. Box 284, Dewitt, NY	GI6-0270
NY	Advanced Components Corp	119 Luther Ave. Liverpool	
RI	Measurement Eqpt Corp	244 Main St. Reading, Mass	CR6-5770
NC	W A Brown Associates	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Pa	The I E Robinson Co	7404 Westchester Pike, Upper Darby, Pa	SH8-1294
Pa	The I E Robinson Co	2120 Market St, Camp Hill, Pa	RE7-6791
SC	W A Brown Associates	201 Capron Rd, Indian River City, Fla	AM7-0411
Tenn	W A Brown Associates	201 Capron Rd, Indian River City, Fla	AM7-0411
Vt	Measurement Eqpt Corp	244 Main St. Reading, Mass	CR6-5770
Va	W A Brown Associates	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Wis	Arthur Eng Sales Co	11216 Mallory Ave. Hales Corner	GA5-5919
Canada	R C Testing Systems	618 Vaughans Rd, Toronto 10, Canada	
•	**NAYBOR LABORATORIES INC., E V**	**26 Manorhaven Blvd, Pt. Washington, NY**	**PO7-4300**
	#2 *12 A 40-895-1460		
Del	William M Jones Co., Inc	1107 Echo Ct, N., Towson 4, Md	VA4-2434
DC	William M Jones Co., Inc	1107 Echo Ct, N., Towson 4, Md	VA4-2434
Fla	William M Jones Co., Inc	1422 N. Harvard Ave, Orlando	GA4-6298
Ga	William M Jones Co., Inc	1437 Kenilworth Dr, S.W., Atlanta 14, Ga	PL5-5211
Ill	Walt Sanders Assoc	5306 W. Lawrence Ave, Chicago 30	SP7-7766
Ind	A E Williams Co	Rural Rt 1, Marvie, Ind	SK8-5703
Iowa	Arthur Eng Sales Co	11216 W. Mallory Ave. Hales Corners, Wis	GA5-5919
Kan	E H Mertz	3505 Ridgedale Ave, St. Louis 21, Mo	
Ky	A E Williams Co	3310 Montgomery Rd, Cincinnati 13, Ohio	EL1-6132
Md	William M Jones Co., Inc	1107 Echo Ct, N., Towson 4, Md	VA4-2434
Mich	A E Williams Co	Rural Rt 1, Marvie, Ind	SK8-5703
Minn	Arthur Eng Sales Co	11216 W. Mallory Ave. Hales Corner, Wis	GA5-5919
Mo	E H Mertz	3505 Ridgedale Ave, St Louis 21	
Neb	E H Mertz	3505 Ridgedale Ave, St. Louis 21, Mo	
NJ	Ballou Inc	51 N. Broad St, Ridgewood, NJ	GI4-6990
NY	Travco Assoc	45 N. Station Plaza, Great Neck	HU7-9666
NC	William M Jones Co., Inc	1107 Echo Ct, N., Towson 4, Md	VA4-2434
Ohio	A E Williams Co	3310 Montgomery Rd, Cincinnati 13, Ohio	EL1-6132
Pa	William M Jones Co., Inc	514 Lansdowne Ave. Camden, NJ	EM5-1460
SC	William M Jones Co., Inc	1107 Echo Ct, N., Towson 4, Md	VA4-2434
Tenn	William M Jones Co., Inc	1107 Echo Ct, N., Towson 4, Md	VA4-2434
Va	William M Jones Co., Inc	1107 Echo Ct, N., Towson 4, Md	VA4-2434
W. Va	William M Jones Co., Inc	1107 Echo Ct, N., Towson 4, Md	VA4-2434
Wis	Arthur Eng Sales Co	11216 W. Mallory Ave. Hales Corners	GA5-5919
	NEBEL LABORATORY, R E	**1634 E. 12 St, Brooklyn 29, NY**	**NI5-7427**
	***2 A 415**		
	NEFF INSTRUMENT CORP	**1088 E Hamilton Rd. Duarte, Cal**	**EL7-2281**
	F Smith *30 A 895-1340		
Fla	Cain & Co	411-E 11th Ave, St Petersburg 8	WA1-0151
Ill	Cain & Co	3508 Devon Ave, Chicago 45	
NY	Cain & Co	10 Columbus Circle, New York 19	PL7-4877
Ohio	Cain & Co	P O Box 184, Yellow Springs	RO7-6861
Tex	Cain & Co	203 Linda Ln, Irving	
Wash	Cain & Co	7736 - 33rd NE, Seattle	LA3-4063
	NEILL CO., INC., R W	**4320 W.Montrose Ave, Chicago 41, Ill**	**SP7-6200**
	325-360-895-910-1235-1370		
Cal	W A Blackford	55 New Montgomery St, San Francisco 5	LO2-0586
Md	Thomas Ender	1344 Edgewood Rd, Baltimore 4, Md	VA5-1131
Pa	J J Voigt Jr	214 Harrison Bldg, Philadelphia 2, Pa	RI6-2603
Canada	P W Temple	1785 Bois Franc Rd, Montreal 9, Que, Can	FE4-2130
	NELSON ELECTRIC MFG CO	**Box 5385, Tulsa 16, Okla**	**NA7-5530**
	D McDevitt #14 *275 F 175-180-360-545-865-1125-1190-1245-1460-1735		
	NELSON INSTRUMENT CO	**Box 68, Spring Valley, Ill**	
	338-360-430-895-1340-1460-1810		
	NELSON VACUUM PUMP CO	**2133 4th St. Berkeley 10, Cal**	**TH8-2277**
	D Webb #1 *5 B 1375		
Ala	E H Sargent & Co	3125 7th Ave. N Birmingham	
Ariz	Clico Laboratory Supply	1201 W Hilton Ave. Phoenix	AL8-7875
Cal	Braun-Knecht-Heimann Co	1400 16th St. San Francisco	HE1-8800
Cal	Braun Chemical Co	1363 S Bonnie Beach, Los Angeles	AN9-8311
Colo	Mine & Smelter Supply Co	3800 Race St. Denver	CH4-4353
DC	Hoppmann & Co	5218 River Rd. Wash	
Fla	South Florida School Supply	1607 Franklin St. Tampa	2-1092
Ga	Will Corp of Georgia	Box 1964, Atlanta	
Haw	Hawaii Chemical Co	2343 S King St, Honolulu	
Ill	Dagger Scientific	1515 W Kinzie St. Chicago	SU7-9478
Ill	LaPine Scientific	6001 S Knox Ave. Chicago	RE5-7600
Ill	Scharr & Co	7300 W Montrose Ave. Chicago	NA5-9161
Ky	B Preiser Co	948 S 3rd St. Louisville	
Md	Will Corp of Maryland	Box 5195, Baltimore	
Md	Fisher Scientific	7722 Woodbury Dr. Silver Spring	JU7-7700
Mass	Howe & French, Inc	101 Broad St. Boston	HA6-5910
Mich	Harshaw Scientific	9240 Hubbell Ave. Detroit	VE6-6600
Minn	Physicians & Hospital Supply	1400 Harmon Pl. Minneapolis	FE2-2494
Mo	Fisher Scientific	2850 S Jefferson St. St Louis	MO4-2524
Mo	Heil Scientific Inc	214 S 4th St. St Louis	
NJ	Ace Scientific Supply Co	1420 E Linden Ave. Linden	WA5-3300
NM	Martin & Carlisle Chemical Inc	719 San Mateo Blvd, NE, Albuquerque	AL6-5461
NY	Standard Scientific Supply Inc	808 Broadway, New York	SP7-0660
NY	Palo Laboratory Supplies Inc	75 9th Ave, New York	AL5-7700
NY	Emil Greiner Co	20-26 N Moore St, New York	DI9-0660
Ohio	Chemical Rubber Co	2310 Superior Ave. Cleveland	CH1-4000
Ohio	Harshaw Scientific	6265 Wiehe Rd. Cincinnati	RE1-9100

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ore	Hartberg Scientific	3032 N Williams St, Portland	AT2-3201
Pa	Harshaw Scientific	Jackson & Swanson St, Philadelphia	HO3-4700
Tenn	Technical Products Co	19 N Dunlap, Memphis	
Tex	Harshaw Scientific	1977 Supply Rd, Houston	WA3-1677
Utah	Mine & Smelter Supply Co	1310 W 2nd S, Salt Lake City	
Utah	Braun-Knecht-Heimann Co	450 W 8th S, Salt Lake City	
Va	Phipps & Bird Inc	6th & Byrd Sts, Richmond	7-8161
Wash	Scientific Supplies Co	600 Spokane St, Seattle	MU2-5461
W Va	Well Corp of W Va	Box 718, Charleston	
Wis	Roemer-Kamm Co	953 N Plankinton Ave, Milwaukee	BR1-0460
Can	Cave & Co, Ltd	1350 E 6th Ave, Vancouver, BC	
	NEMETH INC	**2223 S. Carmelina Ave, Los Angeles 64, Cal**	
	535-1165-1460		
	NEMO LABS, INC	**8 Lawrence St. Belleville 7, NJ**	**PL1-0414**
	J Cookie B 30-120-175-660-715-900-925-1240-1290-1565-1940		
NJ	P R Scanlon Co	757 Palisade Ave, Yonkers, NY	GR6-0321
NY	P B Scanlon Co	757 Palisade Ave, Yonkers	GR6-0321
	NESCO INSTRUMENTS INC	**438 W. 17th St, Costa Mesa, Cal**	**MI6-1679**
	W Hurst #4 *15 B 308-670-895-1135-1240-1955		
Ariz	McCarthy Assoc	1055 E. Walnut, Pasadena, Cal	MU1-7411
Ariz	McCarthy Assoc	635 Oak Grove Ave, Menlo Park Cal	DA6-7937
Cal	Cain & Co	1717 N. Highland Ave, Los Angeles 28	HO2-6491
Cal	Cain & Co	San Francisco, Cal	
Cal	McCarthy Assoc	1055 E. Walnut, Pasadena	MU1-7411
Conn	Harvey Kramer Assoc	33 Great Neck Rd, Great Neck, NY	HU7-0691
DC	Cain & Co	Washington, DC	
Idaho	Burt Porter Co	1309 Poplar Pl, Seattle, Wash	EA3-8330
Ill	Cain & Co	Chicago, Ill	
La	Dannemiller-Smith	6710-B Westheimer Rd, Houston, Tex	SU2-7350
Mass	Cain & Co	Boston, Mass	
Nev	McCarthy Assoc	1055 E. Walnut, Pasadena, Cal	MU1-7411
NJ	Harvey Kramer Assoc	33 Great Neck Rd, Great Neck, NY	HU7-0691
NY	Cain & Co	Coliseum Bldg, New York, NY	
NY	Harvey Kramer Assoc	33 Great Neck Rd, Great Neck	HU7-0691
Okla	Dannemiller-Smith	2712 W. Mockingbird Ln, Dallas, Tex	FL7-8249
Ore	Burt Porter Co	Box 7845, Portland	AT4-1718
Tex	Dannemiller-Smith	2712 W. Mockingbird Ln, Dallas, Tex	FL7-8249
Tex	Dannemiller-Smith	6710-B Westheimer Rd, Houston, Tex	SU2-7350
Wash	Burt Porter Co	1309 Poplar Pl, Seattle	EA3-8330
Pa	Fischer & Hansen	301 Clay St, SF Cal	EX2-5112
•	**NESOR ALLOY PRODUCTS CO**	**666 Passaic Ave, W. Caldwell, NJ**	**CA8-0400**
	M Feldman *100 E 1960		
Cal	Harry Appleton & Co	136 San Fernando Rd, LA 31	CA5-5513
Conn	C K Wall Co	303 Claremont Ave, Montclair, NJ	PI6-4832
Me	Fred Arenstrup	Hudson Rd, Sudbury, Mass	HI3-2992
Mass	Fred Arenstrup	Hudson Rd, Sudbury	HI3-2992
NJ	C K Wall Co	303 Claremont Ave, Montclair	PI6-4832
	NETWORK DESIGNERS INC	**38 E 57 St, New York 22, NY**	**MU8-6380**
	B Silverstein #3 *6 A 280-338-450-455-895-1150-1280-1340		
	NETWORK INDUSTRIES INC	**210-216 Orient St, Bayonne, NJ**	**HE7-3929**
	B Kellen #3 *15 B 895-1045-1135-1340-1725		
Ill	D Dolin Sales	3557 W Peterson Ave, Chicago 45	JU8-3738
Mass	Cirella Lebow Sales Co	185 Main St, Waltham 54	TW3-2742
NJ	Ed Glass	250 W 57 St, NY 19, NY	JU6-8440
NY	Ed Glass	250 W 57 St, NY 19	JU6-8440
NY	Mauly Fisher Assoc Inc	73 W Chippewa St, Buffalo 2	MO4-3543
Wis	D Dolin Sales	5214 N Hopkins St, Milwaukee	HO2-7410
	NETWORKS ELECTRONIC CORP	**14806 Oxnard St, Van Nuys, Cal**	**ST2-3114**
	E Bebar F8 *115 E 835-895-905-1335-1460-1545-1735		
Ala	Emry Design & Equipment Co	P O Box 9013, Birmingham 13, Ala	TR1-1369
Ariz	Fryco	395 N. Scottsdale Rd, Scottsdale, Ariz	WH5-3281
Ark	Aerol Assoc Inc	Box 27, Arlington, Tex	CR5-2400
Cal	Aerol Assoc Inc	9024 Olympic Blvd, Beverly Hills	BR2-8251
Colo	Aerol Assoc Inc	Denver Club Bldg, Denver 2	TA5-2946
Conn	Aerol Assoc Inc	635 Park Ave, Bloomfield	CH2-5586
Del	Aerol Assoc Inc	6803 York Rd, Baltimore 12, Md	DR7-8110
DC	Aerol Assoc Inc	6803 York Rd, Baltimore 12, Md	DR7-8110
Fla	C T Cummings	P O Box 507, Bradenton, Fla	
Ga	Emry Design & Equipment Co	P O Box 9013, Birmingham 13, Ala	TR1-1369
Idaho	Aerol Assoc Inc	402 1st Ave, W. Seattle 99, Wash	AT2-5260
Ill	Aerol Assoc Inc	410 Green Bay Rd, Kenilworth	AL1-9300
Ind	Aerol Assoc Inc	7719 Reading Rd, Cinc 37, Ohio	VA1-4898
Iowa	Aerol Assoc Inc	5901 Nall Ave, Mission, Kan	HE2-8212
Kan	Aerol Assoc Inc	1632 E. Kellogg, Wichita 7	MU3-7421
Kan	Aerol Assoc Inc	5901 Nall Ave, Mission	HE2-8212
Ky	Aerol Assoc Inc	7719 Reading Rd, Cinc 37, Ohio	VA1-4898
La	Aerol Assoc Inc	Box 27, Arlington, Tex	CR5-2400
Me	Aerol Assoc Inc	853 Lexington St, Waltham, Mass	TW4-7850
Md	Aerol Assoc Inc	6803 York Rd, Baltimore 12	DR7-8110
Mass	Aerol Assoc Inc	853 Lexington St, Waltham	TW4-7850
Mich	Aerol Assoc Inc	18915 W. Eight Mile Rd, Detroit 19	KE7-7070
Minn	Aerol Assoc Inc	3424 E. Lake St, Mpls 6	PA4-0246
Miss	Aerol Assoc Inc	1617 Thompson Ave, E. Point, Ga	767-4666
Mo	Aerol Assoc Inc	5901 Nall Ave, Mission, Kan	HE2-8212
Mont	Aerol Assoc Inc	402 1st Ave, W. Seattle 99, Wash	AT2-5260
Neb	Aerol Assoc Inc	5901 Nall Ave, Mission, Kan	HE2-8212
Nev	Aerol Assoc Inc	1177 University Dr, Menlo Park Cal	DA1-1014
NH	Aerol Assoc Inc	853 Lexington St, Waltham, Mass	TW4-7850
NJ	Aerol Assoc Inc	1180 Raymond Blvd, Newark	MA3-0835
NM	Fryco	395 Scottsdale Rd, Scottsdale, Ariz	WH5-3281
NY	Aerol Assoc Inc	170 Great Neck Rd, Great Neck	HU7-9850
NY	Aerol Assoc Inc	333 Pickwick Rd, Dewitt	GI6-4560
NC	Aerol Assoc Inc	6803 York Rd, Baltimore 12, Md	DR7-8110
ND	Aerol Assoc Inc	5901 Nall Ave, Mission, Kan	HE2-8212
Ohio	Aerol Assoc Inc	7719 Reading Rd, Cinc 37	VA1-4898
Okla	Aerol Assoc Inc	1632 E. Kellogg, Wichita 7, Kan	MU3-7421
Ore	Aerol Assoc Inc	402 1st Ave, W. Seattle 99, Wash	AT2-5260
Pa	Aerol Assoc Inc	6803 York Rd, Baltimore 12, Md	DR7-8110
Pa	Aerol Assoc Inc	7719 Reading Rd, Cinc 37, Ohio	VA1-4898
RI	Aerol Assoc Inc	853 Lexington St, Waltham, Mass	TW4-7850
SC	Aerol Assoc Inc	1617 Thompson Ave, E. Point, Ga	767-4666
SD	Aerol Assoc Inc	5901 Nall Ave, Mission, Kan	HE2-8212
Tenn	Emry Design & Equipment Co	P O Box 9013, Birmingham 13, Ala	TR1-1369
Tex	Aerol Assoc Inc	Box 27, Arlington	CR5-2400
Utah	Aerol Assoc Inc	Denver Club Bldg, Denver 2, Colo	TA5-2946
Vt	Aerol Assoc Inc	853 Lexington St, Waltham, Mass	TW4-7850
Va	Aerol Assoc Inc	6803 York Rd, Baltimore 12, Md	DR7-1180
Wash	Aerol Assoc Inc	402 1st W, Seattle 99	AT2-5260
W Va	Aerol Assoc Inc	7719 Reading Rd, Cinc 37, Ohio	VA1-4898
Wis	Aerol Assoc Inc	3424 E. Lake St, Mpls 6, Minn	PA4-0246
Wyo	Aerol Associates Inc	Denver Club Bldg, Denver 2, Colo	TA5-2946
	NEUSES, INC., P K	**511 N Dwyer St, Arlington Hts, Ill**	**253-6555**
	V Pelletier #1 *8 290-890		
	NEUTRONIC ASSOCIATES INC	**32 Tennessee Ave, Hempstead, NY**	**IV9-9840**
	1135		
	NEW BRUNSWICK SHEET METAL WORKS	**425 Cleveland Ave, Highland Park, NJ**	**CH9-1470**
	180-1245		
•	**NEW DEPARTURE DIV GMC**	**261 N. Main St, Bristol, Conn**	**LU2-6371**
	L Swayer #200 *7,000 75		
Ariz	New Departure Div, GMC	30 Pima Plaza, Scottsdale	WH6-0202
Cal	D L Clark	3680 S. Broadway, Los Angeles 7, Cal	AD3-5101
Cal	W C Valley	17 E 4th St, Berkeley 10, Cal	LA6-8750
Ill	F J Norman	222 W. Adams St, Chicago 6, Ill	DE2-7023
Ill	J S Bemmer	2204 41st St, Moline	762-7717
Ind	A W Edmond	339 N. Meridian St, Indianapolis 4, Ind	ME5-5374
Kan	J O Murphy	721 Minnesota Ave, Kansas City 1, Kan	AT1-4016
Mass	D H Browne	31 St. James Ave, Boston 16, Mass	HA6-8867
Mich	R E Zoellner	7-124 G M Bldg, Detroit 2, Mich	TR2-4700
Minn	R S Fincke	10908 Russell Ave, S., Minneapolis 20	TU8-2598
Mo	New Departure Div, GMC	Box 6785, Lambert Mun Arpt, St Louis 34	PE1-4400
NY	C S Flint	1775 Broadway, New York 19, NY	CI6-1540
NY	H C Henry	751 James St, Syracuse 3, NY	GR2-5121
NC	R E Honeycutt	1221 E. Morehead St, Charlotte, NC	FR6-6565
Ohio	New Departure Div, GMC	1730 Section Rd, Cincinnati 37	ME1-3021
Ohio	New Departure Div, GMC	20550 Center Ridge Rd, Cleveland 16	ED1-3595
Pa	A Curtis	7 Bala Ave, Bala-Cynwyd, Pa	MO4-5873
Wisc	L H Nordstrom	647 W. Virginia St, Milwaukee 4, Wisc	BR6-4040
	NEW ENGLAND ELECTRICAL WORKS, INC	**365 Main St. Lisbon, NH**	**8-6629**
	W Jesseman *30 C 190-1575-1960		
Ariz	Service Cable & Wire Inc	2051 Pontius Ave, Los Angeles, Cal	GR8-0313
Cal	Service Cable & Wire Inc	2051 Pontius Ave, Los Angeles, Cal	GR8-0313
Colo	Service Cable & Wire Inc	2051 Pontius Ave, Los Angeles, Cal	GR8-0313
Ill	Kay Sales Co	2600 Grand, Kansas City, Mo	BA1-3800
Iowa	Kay Sales Co	2600 Grand, Kansas City, Mo	BA1-3800
Kan	Kay Sales Co	2600 Grand, Kansas City, Mo	BA1-3800
Mich	Kuehler-Pasmore Co	11023 Hamilton Ave, Detroit, Mich	TO8-3322
Mo	Kay Sales Co	2600 Grand, Kansas City, Mo	BA1-3800
Neb	Kay Sales Co	2600 Grand, Kansas City, Mo	BA1-3800
Nev	Service Cable & Wire Inc	2051 Pontius Ave, Los Angeles, Cal	BR2-5325
NM	Service Cable & Wire Inc	2051 Pontius Ave, Los Angeles, Cal	BR2-5325
Okla	Kay Sales Co	2600 Grand, Kansas City, Mo	BA1-3800
Utah	Service Cable & Wire Inc	2051 Pontius Ave, Los Angeles, Cal	BR2-5325
	NEW ENGLAND ETCHING CO., INC	**25 Spring St, Holyoke, Mass**	**JE2-9482**
	W Morris *30 C 435-595-895-1190		
	NEW ENGLAND INSTRUMENT CO	**39 Green St. Waltham, Mass**	**TW9-8370**
	P Burns #15 *125 E 1135-1330		
Ala	The Hilker Co	P O Box 5211, Winston-Salem, NC	PA5-8588
Ariz	Ash M Wood Co	P O Box 1158, Arcadia, Cal	CU3-1201
Cal	Ash M Wood Co	P O Box 1158, Arcadia, Cal	CU3-1201
Cal	Wm J Purdy Co	312 7th St, San Francisco	UN3-3000
Colo	Peyser & Co	1508 N. Weber, Colorado Springs, Colo	ME4-3401
Del	Beebe & Aikman	237 Lancaster Ave, Devon, Pa	MU8-5173
DC	Beebe & Aikman	237 Lancaster Ave, Devon, Pa	MU8-5173
Fla	Winfield Electronic Sales Co	698 N.E. 125 St, N. Miami, Fla	PL1-5565
Ga	The Hilker Co	P O Box 5211, Winston-Salem, NC	PA5-8588
Idaho	Geo E Harris & Co, Inc	410 Dexter Horton Bldg, Seattle, Wash	ME4-1673
Ill	David Houston Co	607 E. Willow Ave, Wheaton, Ill	MO8-7312
Ind	R O Whitesell & Associates	6620 E. Washington St, Indianapolis, Ind	FL9-5374
Iowa	George E Harris & Co., Inc	Merchants Nat'l Bank Bldg, Cedar Rapids	EM2-6302
Kan	George E Harris & Co., Inc	324 E. Douglas, Wichita, Kan	MU2-2731
Ky	R O Whitesell & Associates	6620 E. Washington St, Indianapolis, Ind	FL9-5374
La	Antle-Smith-Dalzell Sales	2721 Brookfield Ave, Dallas 11, Tex	FL7-7279
Md	Beebe & Aikman	237 Lancaster Ave, Devon, Pa	MU8-5173
Mich	Jim Monroe Sales	13149 Hamilton Ave, Highland Park 3	TO5-7500
Minn	Nelson & Son Inc	324 N 1st St, Minneapolis 1	FE3-3328
Miss	The Hilker Co	P O Box 5211, Winston-Salem, NC	PA5-8588
Mo	George E Harris Co	7811 Carondelet Ave, St. Louis, Mo	VO3-6657
Mont	Peyser & Co	1501 N Weber, Colorado Springs, Colo	ME4-3401
NM	Peyser & Co	1501 N. Weber, Colorado Springs, Colo	ME4-3401
NY	Cooper-Simon & Co, Inc	400 E. 75th St, New York, NY	LE5-2904
NY	R W Jackson Co	P O Box 2668, Buffalo 26, NY	CI2064
NC	The Hilker Co	P O Box 5211, Winston-Salem, NC	PA5-8588
Ohio	R O Whitesell & Associates	2678 Far Hills Bldg, Dayton 19, Ohio	AX8-4261
Okla	Antle-Smith-Dalzell Sales	2721 Brookfield Ave, Dallas 11, Tex	FL7-7279
Pa	Beebe & Aikman	237 Lancaster Ave, Devon	MU8-5173
SC	The Hilker Co	P O Box 5211, Winston-Salem, NC	PA5-8588
Tenn	The Hilker Co	P O Box 5211, Winston-Salem, NC	PA5-8588
Tex	Antle-Smith-Dalzell Sales	2721 Brookfield Ave, Dallas 11	FL7-7279
Utah	Peyser & Co	1501 N. Weber, Colorado Springs, Colo	ME4-3401
Va	Hilker Co., The	Box 5211, Winston-Salem, NC	PA5-8588
Wis	Nelson & Son Inc	324 N 1st St, Minneapolis 1, Minn	FE3-3328
Wyo	Peyser & Co	1501 N. Weber, Colorado Springs, Colo	ME4-3401
Wyo	Peyser & Co	1501 N Weber, Colorado Springs, Colo	ME4-3401
Can	Electrodesign	9124 St Lawrence Blvd, Montreal 11, Que	DU9-5914
	NEW ENGLAND LAMINATES CO., INC	**481 Canal St, Stamford, Conn**	**DA4-8181**
	975-1290		
Ala	Glenn Associates Inc	2815 S. 18th St, Birmingham 5, Ala	TR9-0561
Ariz	T L Stevens Co	15722 S. Grevillea Ave, Lawndale, Cal	OS9-1419
Cal	T L Stevens Co	15722 S. Grevillea Ave, Lawndale, Cal	OS9-1419
Cal	C P Dalton	1037 Laurel St, San Carlos, Cal	LY1-2654
Conn	R H Robinson	P O Box 157, Coventry, Conn	PI2-7323
Del	A L Wright	P O Box 561, Ardmore, Pa	MI2-5113
Fla	Glenn Associates Inc	711 Magnolia Ave, Orlando, Fla	GA5-4168
Fla	Glenn Associates Inc	910 Lenfant Ave, Miami 37, Fla	
Ga	Glenn Associates Inc	172 Simpson St, N.W., Atlanta 13, Ga	JA3-4906
Idaho	Paramount Tech Agen	3210 28th St, N.W., Seattle 7, Wash	SU4-6447
Ill	J B Holland	P O Box 213, Addison, Ill	AU7-3020
Ill	L F Florence	406 W. 34th St, Kansas City, Mo	LO1-7282
Ind	Ed Svec	374 Baxter St, Medina, Ohio	PA2-4623
Iowa	J B Holland	P O Box 213, Addison, Ill	AU7-3020
Kan	L F Florence	406 W. 34th St, Kansas City, Mo	LO1-7282
Me	R H Robinson	P O Box 157, Coventry, Conn	PI2-7323
Md	A L Wright	P O Box 561, Ardmore, Pa	MI2-5113
Mass	R H Robinson	P O Box 157, Coventry, Conn	PI2-7323
Mich	Plastronics	565-575 E. Milwaukee Ave, Detroit 2	TR2-7000
Minn	Hamilton & Bayle Associates Inc	3359 Republic Ave, Minneapolis 26, Minn	WE9-7891
Mo	L F Florence Co	406 W. 34th St, Kansas City, Mo	LO1-7282
Neb	L F Florence Co	406 W. 34th St, Kansas City, Mo	LO1-7282
NH	R H Robinson	P O Box 157, Coventry, Conn	PI2-7323
NJ	A L Wright	P O Box 561, Ardmore, Pa	MI2-5113
NJ	C G Kalt	5 May Pl, Port Chester, NY	WE9-1395
NM	Lawrence Sales Co	P O Box 13026, Dallas 20, Tex	FL2-7484
NY	C G Kalt	5 May Pl, Port Chester, NY	WE9-1395
NY	Grant Warren	White Oak Shade Rd, New Canaan, Conn	WO6-1214
NC	Missiletronics Inc	3369 Nottingham Rd, Winston-Salem, NC	PA3-4235
ND	Hamilton & Bayle Associates Inc	3359 Republic Ave, Minneapolis 26, Minn	WE9-7891
Ohio	Ed Svec	374 Baxter St, Medina, Ohio	PA2-4623
Okla	Lawrence Sales Co	P O Box 13026, Dallas 20, Tex	FL2-7484
Ore	Paramount Tech Agencies	3210 28th St, N.W., Seattle 7, Wash	SU4-6447
Pa	A L Wright	P O Box 561, Ardmore, Pa	MI2-5113
RI	R H Robinson	P O Box 157, Coventry, Conn	PI2-7323
SC	Missiletronics Inc	3369 Nottingham Rd, Winston-Salem, NC	PA3-4235
SD	Hamilton & Bayle Associates Inc	3359 Republic Ave, Minneapolis 26, Minn	WE9-7891
Tenn	Missiletronics Inc	3369 Nottingham Rd, Winston-Salem, NC	PA3-4235
Tex	Lawrence Sales Co	P O Box 13026, Dallas 20, Tex	FL2-7484
Vt	R H Robinson	P O Box 157, Coventry, Conn	PI2-7323
Wash	Paramount Tech Agencies	3210 28th St, N.W., Seattle 7, Wash	SU4-6447
Wisc	Hamilton & Bayle Associates Inc	3359 Republic Ave, Minneapolis 26, Minn	WE9-7891
Wisc	J B Holland	P O Box 213, Addison, Ill	AU7-3020
	NEW ENGLAND OVEN & FURNACE CO., INC	**Boston Post Rd, Orange, Conn**	**SY9-2005**
	1215		
Conn	Lea Manufacturing Co	16 Cherry Ave, Waterbury, Conn	
Fla	J J Gallagher	P.O. Box 1376, Clearwater, Fla	
Ga	C B Rogers & Associates	1000 Peachtree St, N.E. Atlanta 5, Ga	
Iowa	Midwest Equipment Co of Iowa	842 Fifth Ave, Des Moines 14, Iowa	
Md	Edward L Fiebig	Morris Bldg, Baltimore 1, Md	
Md	Charles Pyle	3801 Warner Ave, Hyattsville, Md	
Minn	Volco	801 S. 6th St, Minneapolis, Minn	
NJ	George Roth	1057 Carnation Dr, New Milford, NJ	TE6-6429
NY	J P Elliott & Associates	P.O. Box 2637, Buffalo 26, NY	CI2082
NY	Larry Lewis	1202 Ave "T", Brooklyn 23, NY	DE9-7252
NC	Ranson Wallace & Co	116 E. Fourth St, Charlotte 2, NC	
Ohio	Snyder Co	3348 Delta Ave, Cincinnati 8, Ohio	
Okla	Thomas Engineering Co	P.O. Box 7098, Tulsa, Okla	
Pa	Harry B Boland	501 Florence Ave, Jenkintown, Pa	TU4-0794
RI	Robert F Peyton	21 Mather Ave, Edgewood 5, RI	WI1-2074
Tenn	H R Miles & Associates	2508 Franklin Rd, Nashville 4, Tenn	
Tex	L R Ward Co	3004 Canton St, Dallas 26, Tex	
Tex	L R Ward Co	3605 Polk St, Houston 3, Tex	
	NEW ENGLAND RETINNING INC	**158 Tremont St. Everett, Mass**	**DU7-2100**
	B Brooks #3 *32 C 1105-1635-1815		
	NEW ENGLAND SCIENTIFIC INSTRUMENTS CORP	**238 Main St. Cambridge 42, Mass**	**KI7-1997**
	G Knight #3 *7 B 895		
	NEW ENGLAND TAPE CO DIV UNITED-CARR FASTENER CORP	**10 Tower St, Hudson, Mass**	**JO2-3485**
	S Weeks Jr #1 *60 D 290		
Ill	United-Carr Fastener Corp	35 E. Wacker Dr, Chicago 1, Ill	FR2-6590
Ky	United-Carr Fastener Corp	230 Colony Way, Louisville 7, Ky	TW5-1084
Mich	United-Carr Fastener Corp	5900 Lake Forest Dr, Kalamazoo, Mich	FI5-5686
Mich	United-Carr Fastener Corp	2807 E. Grand Blvd, Detroit 11, Mich	TR3-3500
NY	United-Carr Fastener Corp	475 Fifth Ave, New York, NY	MU5-2502
Ohio	United-Carr Fastener Corp	1468 W. 9th St, Cleveland 13, Ohio	TO1-7557
	NEW ENGLAND TRANSFORMER CO	**47 McGrath Hwy, Somerville, Mass**	**SO6-6100**
	#10 *100 D 895-1855		
Conn	John Lubdell	P O Box 321, Danbury	PI8-1776
Del	Wally Shulan Co	880 Bergen Ave, Jersey City, NJ	SW5-2220
Fla	Giorg Bateman	711 Magnolia Ave, Orlando, Fla	GA5-6862
Ga	Torroids Unlimited	3800 Terrace St, Philadelphia, Pa	IV2-7178
Ind	Zac-Cowan & Associates	7730 Carondelet, St. Louis, Mo	
Iowa	Zac-Cowan & Associates	7730 Carondelet, St. Louis, Mo	
Kan	Zac-Cowan & Associates	7730 Carondelet, St. Louis, Mo	
Ky	Torroids Unlimited	3800 Terrace St, Philadelphia, Pa	IV2-7178
Md	Wally Shulan Co	880 Bergen Ave, Jersey City, NJ	SW5-2220
Me	Samuel Hooker Co	2 Winchester Pl, Winchester, Mass	PA9-2745
Mass	George Herring	37 Appleby Rd, Wellesley	CE5-4657
Mo	Zac-Cowan & Associates	7730 Carondelet, St. Louis, Mo	
NH	Samuel Hooker Co	2 Winchester Pl, Winchester, Mass	PA9-2745
NJ	Wally Shulan Co	880 Bergen Ave, Jersey City	SW5-2220
NY	Wally Shulan Co	880 Bergen Ave, Jersey City, NJ	
NC	Torroids Unlimited	3800 Terrace St, Philadelphia, Pa	IV2-7178
Pa	Torroids Unlimited	3800 Terrace St, Philadelphia, Pa	IV2-7178
Pa	Wally Shulan Co	880 Bergen Ave, Jersey City, NJ	SW5-2220
RI	John Lubdell	P O Box 321, Danbury, Conn	PI8-1776
Tenn	Torroids Unlimited	3800 Terrace St, Philadelphia, Pa	IV2-7178
Vt	Samuel C Hooker Co	2 Winchester Pl, Winchester, Mass	PA9-2745
Va	Torroids Unlimited	3800 Terrace St, Philadelphia, Pa	IV2-7178
W. Va	Torroids Unlimited	3800 Terrace St, Philadelphia, Pa	IV2-7178
Canada	Samuel C Hooker Canada Ltd	2425 W. Grand Blvd, Montreal, Canada	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	NEW HAMPSHIRE BALL BEARINGS INC	**Rt 202, Peterborough, NH**	**WA4-3311**
	R Davies #50 *1000 F 75		
Cal	New Hampshire Ball Bearings Inc	1540 N. Highland Ave, Hollywood, Cal	HO4-0208
Ill	New Hampshire Ball Bearings Inc	500 Northwest Hwy, Des Plaines, Ill	VA7-6646
NY	New Hampshire Ball Bearings Inc	51 Cutter Mill Rd, Great Neck, NY	HU2-8633
●	**NEW HERMES ENGRAVING MACHINE CO**	**154 W. 14th St, New York 11, NY**	**WA4-7373**
	H Susskind #3 *100 1075-1190-1290-1295		
●	**NEW HOPE INDUSTRIAL CO. LTD**	**40, 1-Cho, Nanshocho, Sakai, Osaka, Jap**	**2-6881-6**
	H Ohara #40 *473 E 1425		
	NEW JERSEY WOOD FINISHING CO	**Amboy Ave, Woodbridge, NJ**	**ME4-1430**
	*100 625-1290		
Cal	C D Lamoree	2433 Birkdale St, Los Angeles, Cal	CA5-5666
Cal	C D Lamoree	2221 Fourth St, Berkeley 2, Cal	
Colo	Electric Motor Supply Co	1645 Blake St, Denver 2, Colo	
Conn	John F Kerrigan & Co	P.O. Box 6016, Hamden 17, Conn	AT8-2200
Ga	Electrical Insulation Suppliers Inc	530 Means St. N.W., Atlanta, Ga	JA5-2707
Ill	Insulation Manufacturers Corp	565 W. Washington Blvd, Chicago 6, Ill	CE6-7320
Md	Brooks Electrical Supply Co., Inc	201 W. 28th St, Baltimore, Md	HO7-2473
Mich	Insulation Manufacturers Corp	7430 Second Blvd, Detroit, Mich	TR5-3103
Mo	Heppler Sales Co	1125 Cheshire Ln, Webster Groves, Mo	WO1-8439
Mo	White Supply Co	4343 Duncan Ave, St Louis, Mo	FR1-2616
NJ	Electrical Insulation Sales Co	P.O. Box 315, Rutherford, NJ	GE8-5349
NY	Hanna & Ferguson	75 Winton Rd, S. Rochester, NY	BR1-8871
NY	J P Scanlon	51 Bloomfield Pl, Rochester, NY	
NY	Peel Inc	P.O. Box 176, Floral Park, NY	FL2-1742
Ohio	Insulation Manufacturers Corp	1231 Superior Ave, N.E., Cleveland, Ohio	SU1-2310
Ohio	Insulation Manufacturers Corp	120 W. Second St, Dayton, Ohio	BA4-4515
Okla	John H Cole Co	1025 W. Main St, Oklahoma City, Okla	
Ore	C E Riggs Inc	422 N.W. 8th St, Portland, Ore	CA6-3246
Pa	Insulation Manufacturers Corp	Oliver Bldg, Pittsburgh, Pa	GR1-7100
Pa	Earl B Beach Co	P.O. Box 8022, Pittsburgh, Pa	CH2-0400
Pa	Earl B Beach Co	P.O. Box 604, Clifton Heights, Pa	MA6-7000
Tex	Summers Electric Co	1502 S. Good Latimer Expwy, Dallas, Tex	RI3658
Tex	Summers Electric Co	1101 St Emanuel At Lamara, Houston	
Wash	C E Riggs Inc	418 Occidental Ave, Seattle, Wash	
Wisc	Insulation Manufacturers Corp	2140 W. Wisconsin Ave, Milwaukee, Wisc	
For	Lionel Essex Intl Corp	15 E 26th St. New York, NY	
	NEW LONDON INSTRUMENT CO	**82 Union St. New London, Conn**	**GI3-8451**
	A France #1 *6 B 50-325-450-895-1045-1850		
	Sales Representatives: See Waltham Electronics Corp.		
	NEW YORK COIL CO INC	**40-48 2nd Ave, Phoenixville, Pa**	**WE3-8851**
	#3 *90 D 220-255-320-585-1420-1855		
Del	Rothenheber & Co	53 Cricket Ave, Ardmore, Pa	TR7-9090
DC	Rothenheber & Co	14211 Chesterfield Rd, Rockville, Md	WH6-4488
Md	Rothenheber & Co	14211 Chesterfield Rd, Rockville	WH6-4488
NJ	Rothenheber & Co	53 Cricket Ave, Ardmore, Pa	TR7-9090
NJ	Rothenheber & Co	551 Bloomfield Ave, W Caldwell	CA6-5398
NY	Rothenheber & Co	551 Bloomfield Ave, W Caldwell, NJ	CA6-5398
Pa	Rothenheber & Co	53 Cricket Ave, Ardmore	TR7-9090
W. Va	Rothenher & Co	53 Cricket Ave, Ardmore, Pa	TR7-9090
	NEW YORK SOLDER CO	**684 E. 133 St, New York 54, NY**	**CY2-3740**
	C 1635		
	NEW YORK TESTING LABS INC	**47 West St. New York 6, NY**	**BO9-6220**
	G Harvey #10 *30 D 195-250-315		
	NEW YORK TRANSFORMER CO., INC	**Third Ave, Alpha, NJ**	**GL4-1143**
	J DiSarro #12 *250 E 1135-1425-1855		
Cal	Malcolm Ross & Co	1625 S LaCienega Blvd. Los Angeles	
Fla	George F Bohman	1239 Newcastle Dr, Orlando	
NY	W H Fimmerman Co	112 De Witt St, Syracuse, NY	
Pa	D G Quinlan Co	National Bank Bldg, Ambler, Pa	
	NEWARK CONTROLS CO	**15 Ward St. Bloomfield, NJ**	**PI8-2971**
	M Concorso #4 *30 C 360-895-1735		
Minn	A H Leighton	4 E 14th St. Minneapolis	FE9-4979
	NEWARK WIRE CLOTH CO	**353 Verona Ave, Newark, NJ**	**HU3-7700**
	J Campbell #2 *150 E 620-750-765-1575		
Ala	Consolidated Engrg Co	Box 8011, Birmingham	TR1-8086
Cal	Pacific Metals Co Ltd	1900 3rd St, San Francisco	UN3-5600
Conn	Charles N Folby	1243 N Main St, W Hartford	JA3-4158
Ga	Consolidated Engrg Co	3272 Peachtree Rd NE, Atlanta	CE7-1806
Ill	Simmonds Folkening Co	165 N Canal St, Chicago	CE6-5242
Mich	Gilra Co Inc	12909 W 8 Mile Rd, Detroit	DI1-9270
Mo	Hilpert D Burke & Son	213 S Brentwood Ave, St Louis	VO3-5562
NY	Metallic Operations Inc	Box 172, Warsaw	WA277
Ohio	Hare Equipment Co	1720 Section Rd, Cincinnati	ME1-4703
Pa	Wallace E Green	21 Circle Rd, Levittown	WI5-7724
Tex	Robert H Brinton	Box 1970, Houston 1	JA4-2826
	NEWBERG INDUSTRIAL CASE CO	**61 Greenpoint Ave, Brooklyn, NY**	**EV3-8282**
	P Newdow #2 *100+D 230		
Ill	Louis G Bacher Associates	4206 W. Division St, Chicago 51, Ill	BE5-6601
NY	R E Brewer Co	10 Columbus Circle, New York 19, NY	CO5-3440
	NEWBURY INDUSTRIES INC	**Box B, Newbury, Ohio**	**JO4-2286**
	C Loraine #1 *16 1075		
Cal	West Coast Plastics Dists Inc	3014 Lindblade St. Culver City	UP0-7731
Ill	Plastics & Eqpt Sales Co	8032 Mayer Ave, Morton Grove	YO6-4717
Mass	E P Swanson	80 Nakomis Dr, Warwick 5, RI	HO3-8598
NJ	Plastic Machinery Sales	Chestnut Dr, Woodstown	RO9-0029
NY	Technical Product Co	369 Lexington Ave, New York 17, NY	MU3-6137
For	Omni Products Corp	460 Park Ave, New York 16, NY	LE2-1320
	NEWCASTLE FABRICS CORP	**80 Wythe Ave, Brooklyn 11, NY**	**ST2-5560**
	C Goldberg #3 *30 D 625-765		
Ala	Dave Hall	Box 1931, Birmingham	AL1-8271
Cal	R Marks Markman Co	4250 Lankershim Blvd. N. Hollywood	
Cal	Logan Sales Co	154 Eighth St, San Francisco, Cal	KE1-0692
Colo	W R Gallaher	1399 Chester St, Aurora, Colo	
Conn	Paul W Wiel Associates	15 Oak St, Westport, Conn	
Fla	A D Mayo	27 E Underwood St, Orlando	GA7-8273
Ga	Paul Hayden Associates	P.O. Box 331, East Point, Ga	PO6-0261
Haw	Dougherty Enterprises	334 Ilemlia Loop, Kailua	253-666
Ill	J K Rose & Co	1116 Linden Ave, Highland Park, Ill	
Ind	Charles Scheffler	1133 Navajo Trail, Indpls 8	
Md	Tom Patton	5221 Edgewood Rd. College Park	
Mich	Grant Shaffer Co	14241 Fenkell Ave. Detroit 27	
Minn	Ray Ripley	7222 James Ave, S., Minneapolis, Minn	
Mo	Carmine A Wignola Assoc	Box 569, Jefferson City	
NY	Steve Fisher Sales Co	800 Greenwood Ave. Brooklyn	CH2-5825
NY	William M Ferguson	117 Fayette St, Manlius	OV2-9301
NC	James M Horne	423 W. 5th St, Burlington	CA7-3479
Ore	Roger Manthorne Co	0673 S.W. Taylors Ferry Rd, Portland, Ore	
Pa	Hal Blumenstein	123 Crosshill Rd, Philadelphia, Pa	
Pa	A S Burke Co	Box 576, Donora	
Pa	James H Podolny & Co	5912 Penn Ave. Pittsburgh 6	
Tex	Pribble-Jones & Assoc	Box 13313, Dallas 20	
Wis	Jim Steffen	13845 Capitol Dr. Milwaukee	SU1-7596
Canada	Lew Finkler	1794 Avenue Rd, Toronto, Canada	
Canada	Conbio Imports Ltd	8900 Tanguay, Montreal, Canada	
Canada	D Eldon McLennan	1624 W. Third Ave, Vancouver, BC, Canada	
Foreign	E D Magnus & Associates	168 W. Randolph Ave, Chicago, Ill	
	NEWCOMB AUDIO PRODUCTS CO	**6824 Lexington Ave, Hollywood 38, Cal**	**HO9-5381**
	R Newcomb 180-895-1245-1255-1370-1425-1435-1675-1855		
Cal	William J Purdy Co	312 Seventh St, San Francisco 3, Cal	UN3-3300
Colo	Cox Sales Co	Box 4201, Denver Sta. Denver	PE3-6772
Ind	Thomas & Sons Inc	2060 E. 54th St. Indpls 20	CL1-4574
Md	Morris F Taylor Co	P.O. Box 111, Silver Spring, Md	JU9-4002
Mass	Albert Reinherz	45 Chestnut Hill Ave. Brighton 35	ST2-6422
Mich	Sheldon Inc	23525 Woodward Ave, Ferndale 20, Mich	LI7-4771
Mo	Lee M Maynard Co	139 N. Central, Clayton 5, Mo	PA5-3723
NY	Pastor-Hunter Co	P.O. Box 121, DeWitt Sta, Syracuse, NY	GI6-2180
NY	Harry W Reizes	1473 Sylvia Ln, E. Meadow, NY	IV3-1929
Ore	Don H Burcham Co	510 N.W. 19th Ave, Portland, Ore	CA6-4148
Tex	Jack Yount Co	1431 Pleasant Dr, Dallas 17, Tex	EX1-1631
●	**NEWMAN CORP, M M**	**79 Clifton Ave, Marblehead, Mass**	**NE1-0637**
	375-795-1825-1905		
	NEWMARKET TRANSISTORS LTD	**Exning Rd, Newmarket, Suffolk, England**	**NE3381**
	D Sykes 1860		
	NEWPORT SCIENTIFIC CO	**630 W. 17th St. Costa Mesa, Cal**	**KI9-0311**
	W Hurst #4 *15 B 338-670-895-1135-1340-1855		
	Sales Representatives: See Nesco Instruments Inc.		
	NEWTH RUBBER CO	**Barrington, RI**	**CH5-8050**
	1505		
	NEWTON CO	**55 Elm St, Manchester, Conn**	**MI3-1543**
	D Zipfel #10 *75 D 338-895-1610-1810		
Cal	Charles L Rapp Co	11168 Santa Monica Blvd. LA	GR2-5990
Conn	Arthur T Hatton & Co	1000 Farmington Ave, W. Hartford, Conn	AD3-3613
NY	Barker Co	288 Old Country Rd, Mineola, NY	PI6-0481
Tex	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30	EM3-3598
●	**NEY CO., J M**	**Maplewood Ave, Bloomfield, Conn**	**CH2-2281**
	D Landmann #12 *300 F 330-355-1125-1150-1625-1735-1885-1960		
Ariz	R C Miltimore	575 N. Armel Dr, Covina, Cal	ED1-5716
Cal	R C Miltimore	535 N. Armel Dr, Covina, Cal	ED1-5716
Idaho	R C Miltimore	575 N. Armel Dr, Covina, Cal	ED1-5716
Ill	A J MacDonald	345 Baltimore, N.E., Grand Rapids, Mich	GL4-0288
Ind	A J MacDonald	345 Baltimore, N.E., Grand Rapids, Mich	GL4-0288
Iowa	A J MacDonald	345 Baltimore, N.E., Grand Rapids, Mich	GL4-0288
Mich	A J MacDonald	345 Baltimore Dr, N.E., Grand Rapids	GL4-0288
Minn	A J MacDonald	345 Baltimore, N.E., Grand Rapids, Mich	GL4-0288
Nev	R C Miltimore	575 N. Armel Dr, Covina, Cal	ED1-5716
Ohio	A MacDonald	345 Baltimore, N.E., Grand Rapids, Mich	GL4-0288
Ore	R C Miltimore	535 N. Armel Dr, Covina, Cal	ED1-5716
Utah	R C Miltimore	535 N. Armel Dr, Covina, Cal	ED1-5716
Wash	R C Miltimore	535 N. Armel Dr, Covina, Cal	ED1-5716
Wisc	A J MacDonald	345 Baltimore, N.E., Grand Rapids, Mich	GL4-0288
	NIAGARA ELECTRON LABS	**Main & Greenwood Sts, Andover, NY**	**AN2684**
	P Heckett #2 *4 A 360-895		
●	**NICAD DIV GOULD-NATIONAL BATTERIES INC**	**E1201 1st Natl Bank Bldg. St Paul 1, Minn**	**CA2-4171**
	T Ulrich #127 *5000 G 70		
Ark	J D Williams	703 E. Markham St, Little Rock, Ark	FR2-3446
Cal	K M Ryals Co	141 King St, San Francisco 7, Cal	YU6-1625
Cal	Nicad Div. Gould-Natl Batteries, Inc	3773 Hillway Dr. Glendale 8	CH9-9110
Cal	Howe-Stephens Co	55 New Montgomery St, SF 5, Cal	YU2-3593
Cal	M J Gigy & Assoc., Inc	467 6th St, SF 3, Cal	YU6-2803
Colo	Automatic Control & Equipment Co	5750 Pecos St, Denver 21, Colo	GE3-6436
Conn	Ray Perron & Co., Inc	36 Louis St, Trumbull, Conn	AM8-9631
Del	Adley Corp	210 N 6th St, Camden, NJ	WA3-1085
Fla	David & Park Co	1841 Fox Circle, Clearwater, Fla	3-97304
Ga	David & Park Co	1841 Fox Circle, Clearwater, Fla	3-97304
Hawaii	American Factors Limited	P.O. Box 3230, Honolulu 1, Hawaii	
Idaho	L M Slusser Co	Box 104, Salt Lake City, Utah	EL5-2322
Ill	R S Terhune & Assoc	22 W Madison St, Chicago	FI6-1053
Ill	Nicad Div Gould-National Batteries Inc	195 Olympia Plaza, Chicago Heights	SK5-6999
Ill	Gassner & Clark Co	6644 N. Western Ave, Chicago 45, Ill	RO4-6121
Ill	Petefish-Kemp Engineering Co	6414 Hampton Ave, St. Louis 9, Mo	FL1-2175
Ill	Otto Buttermich & Co	40 E Jackson Blvd, Chicago 4, Ill	HA7-3080
Ind	Calvin D Arnold	2121 N Meridian St, Indianapolis	WA5-7561
Ind	Gassner & Clark Co	6644 N. Western Ave, Chicago 45, Ill	RO4-6121
Iowa	Electrical Jobbers Equipment Co	619 Fourth Ave, S., Minneapolis 15, Minn	FE6-6321
Iowa	F C Clatterbaugh	P.O. Box 152, Omaha, Neb	TE-2905
Kan	Lynn Elliott Co	832 Law Bldg, Kansas City, Mo	VI2-4197
Ky	Arthur N Ulrich Co	Box 6584, Bexley Branch, Columbus 9, Ohio	BE7-3084
Ky	Calvin D Arnold	511 N Penna St, Indpls 4, Ind	ME4-3811
La	Mid-South Sales Co Inc	4424-B Earhart Blvd, New Orleans	822-3030
Mass	Nicad Div. Gould-Natl Batteries	172 Pleasant St, Easthampton	1230
Mass	Standard Elec. Time Co., The	89 Logan St, Springfield 2, Mass	RE6-7727
Me	J F Collins Co	Box 76, Belmont, Mass	IV4-8411
Me	Ray Perron & Co., Inc	1870 Centre St, Boston 32, Mass	FA3-1008
Mass	Ray Perron & Co., Inc	1870 Centre St, Boston 32, Mass	FA3-1008
Mich	E F Walter	3049 E. Grand Blvd, Detroit 2, Mich	TR2-4420
Minn	Electrical Jobbers Equipment Inc	619 4th Ave S, Minneapolis 15	FE6-6321
Minn	Hermann Co., The	1711 Hawthorne Ave. Mpls 3, Minn	FE2-5457
Miss	Mid-South Sales Co Inc	4424-B Earhart Blvd, New Orleans, La	822-3030
Mo	Lynn Elliott Co	832 Law Bldg, Kansas City, Mo	VI2-4197
Mo	Petefish-Kemp Engineering Co	6414 Hampton Ave, St. Louis 9, Mo	FL1-2175
Mont	Monitor Distributors Inc	604 Utah Ave, Butte, Mont	8916
Neb	Lynn Elliott Co	832 Law Bldg, Kansas City, Mo	VI2-4197
Neb	F C Clatterbaugh	P.O. Box 152, Omaha, Neb	TE-2905
Nev	K M Ryals Co	141 King St, San Francisco 7, Cal	YU6-1625
NH	Ray Perron & Co., Inc	1870 Centre St, Boston 32, Mass	FA3-1008
NJ	R L Ringer Co	P.O. Box 114, Glen Rock, NJ	GI4-1434
NJ	Mar-Oil Electric, Inc	219 Hudson St. Hoboken	OL6-8780
NJ	Adley Corp	210 N 6th St, Camden 2	WA3-1085
NM	Associated Engineers	511 Hawkins Rd, El Paso, Tex	PR2-3233
NY	Nicad Div Gould-National Batteries, Inc	7 Dey St, New York 7	CO7-2537
NY	Reed-Tollefson Corp	2815 Monroe Ave, Rochester 18, NY	HI5-0450
NY	R L Ringer Co	P.O. Box 114, Glen Rock, NJ	GI4-1434
NY	Walton R Collins Co., Inc	90 W St, New York 6	RE2-5468
ND	Electrical Jobbers Equipment Inc	619 4th Ave S, Minneapolis 15, Minn	FE6-6321
Ohio	Hutton-Peake & Assoc	451 The Arcade, Cleveland	MA1-3166
Ohio	Arthur N Ulrich Co	Box 6584, Bexley Branch, Columbus 9	BE7-3084
Okla	Kemp Engineering Co	2618 Manana Dr, Dallas 20, Tex	FL7-6663
Ore	Andrew L Polich Inc	734 N.W. Glisan St, Portland 9, Ore	CA3-6241
Pa	Muller, Harper & Assoc Inc	2410 1st Natl Bank Bldg, Pittsburgh	AT1-4670
RI	Ray Perron & Co., Inc	1870 Centre St, Boston 32, Mass	FA3-1008
SD	Electrical Jobbers Equipment Co	619 Fourth Ave, S., Minneapolis 15, Minn	FE6-6321
Tex	Associated Engineers	511 Hawkins Rd, El Paso, Tex	PR2-3233
Tex	Kemp Engineering Co	2618 Manana Dr, Dallas 20, Tex	FL7-6663
Utah	Leonard M Slusser Co	Box 104, Salt Lake City	EL5-2322
Vt	Ray Perron & Co., Inc	1870 Centre St, Boston 32, Mass	FA3-1008
Va	Adley Corp	1500 Arlington Blvd, Arlington	JA7-4076
Wash	Andrew L Polich Inc	734 N.W. Glisan St, Portland 9, Ore	CA3-6241
W Va	Muller, Harper & Assoc., Inc	2410 1st Natl Bank, Pittsburgh 22, Pa	AT1-5757
Wisc	Gassner & Clark Co	6644 N. Western Ave, Chicago 45, Ill	RO4-6121
Wis	Electrical Jobbers Equipment Inc	619 4th Ave S, Minneapolis 15, Minn	FE6-6321
Wyo	Monitor Distributors Inc	604 Utah Ave, Butte, Mont	8916
Wyo	Automatic Control & Equipment Co	5750 Pecos St, Denver 21, Colo	GE3-6436
Canada	Standard Elec Time Co Can Ltd	726 St. Felix St, Montreal P.Q., Canada	UN6-2511
Foreign	M Castro Fernandez & Co., Inc	Tetuan St, No. 152, San Juan, Puerto Rico	SA2-3082
Foreign	Equipex, S. A. [illegible]	Apt 4507 Este Caracas, Venezuela, S A	
●	**NICHICON CAPACITOR LTD**	**Nishinotoin Shijo-Agaru, Nakagyo-Ku, Kyoto, Japan**	
	K Hirai #115 * 1734 E 220		
	NICHOLS & CLARK INC	**321 Newburyport Trnpk, Hathorne, Mass**	**SP4-3300**
	#2 *30 C 815-895		
	NICHOLS CO., W H	**Waltham 54, Mass**	**TW4-0650**
	1075-1375		
Conn	The Robert E Morris Co	P.O. Box 41, West Hartford 7, Conn	AD3-3663
	NICHOLS LTD., R H	**4544 Dufferin St, Toronto, Ont, Canada**	**ME3-8190**
	A Tozworth #3 *85 E 40-195-255-325-360-595-795-820-895-915-1455		
For	R H Nichols Ltd	736 Granville St. Vancouver, BC	MU3-0019
	NICHOLS PRODUCTS CO	**323 W. Main St, Moorestown, NJ**	**BE5-0877**
	E Nichols Jr #12 *16 B 715-895-1120-1135-1290-1710		
●	**NIELSEN HARDWARE CORP**	**770 Wethersfield Ave, Hartford 1, Conn**	**JA2-8145**
	G Swenson #3 *125 285-645-785		
Ariz	R B Minto	3047 Raycove Dr, Covina, Cal	ED2-8735
Cal	R B Minto	3047 Raycove Dr, Covina	ED2-8735
Ill	C E Mix	333 N Michigan Ave, Chicago 1	FR2-1147
Ind	C E Mix	333 N Michigan Ave, Chicago 1, Ill	FR2-1147
Iowa	C E Mix	333 N Michigan Ave, Chicago 1, Ill	FR2-1147
Ky	C E Mix	333 N Michigan Ave, Chicago 1, Ill	FR2-1147
La	Jack I Gronberg	PO Box 291, Bellaire, Tex	MA3-7729
Mich	C E Mix	333 N Michigan Ave, Chicago 1, Ill	FR2-1147
Minn	C E Mix	333 N Michigan Ave, Chicago 1, Ill	FR2-1147
Mo	C E Mix	333 N Michigan Ave, Chicago 1, Ill	FR2-1147
Ohio	C E Mix	333 N Michigan Ave, Chicago 1, Ill	FR2-1147
Okla	Jack I Gronberg	PO Box 291, Bellaire, Tex	MA3-7729
Ore	R B Minto	3047 Raycove Dr, Covina, Cal	ED2-8735
Tex	Jack I Gronberg	PO Box 291, Bellaire	MA3-7729
Wash	R B Minto	3047 Raycove Dr, Covina, Cal	ED2-8735
Wis	C E Mix	333 N Michigan Ave, Chicago 1, Ill	FR2-1147
	NIEMAND BROS INC	**45-10 94th St, Elmhurst 73, NY**	**TW8-1616**
	900-1220-1890		
	NILSEN MFG CO	**Box 127, Haines City, Fla**	**HA2-1197**
	P Nilsen #3 *70 D 895		
	NIPPERT ELECTRIC PRODS CO	**1755 W Mound St. Columbus 23, Ohio**	**BR4-1114**
	J Nippert #3 *105 E 65-330-1125-1485-1625		
NJ	Smith Co., The	15 Northfield Ave. West Orange	RE1-8022
●	**NIPPON ELECTRIC CO. LTD**	**2, Shiba Minato-Ku, Tokyo, Japan**	**451-1171**
	I Mizutani #1,500 *14,000 G 325-500-1135-1445-1460-1860-1880		
	NOBLE & WESTBROOK MFG CO	**27 Westbrook St, East Hartford 8, Conn**	**BU9-2717**
	R Gowther *52 D 1075-1700		
Ala	Philip Seibert	P.O. Box 5176, Birmingham, Ala	AL2-5153
Ariz	Hamon Pickard & McCone	4111 E. Pasadena Ave, Phoenix, Ariz	
Cal	Harry M Smith & Associates	1341 Old County Rd, Belmont	LY1-8961
Cal	E W Denny	P O Box 44-692, L A 44	TR1-2290
Del	Norman R Jones	54-9 Revere Rd, Drexel Hill, Pa	MA3-1139
DC	Norman R Jones	54-9 Revere Rd, Drexel Hill, Pa	MA3-1139
Fla	Philip Seibert	P.O. Box 5176, Birmingham, Ala	AL2-5153
Ga	Price Equipment Co	PO Box 414, Monroe, NC	AT3-4798
Ill	E L Eskey Machinery Co	565 W. Washington Blvd, Chicago 6, Ill	
Ill	John J Nemoyle Co	607 Third Ave, Moline, Ill	
Ill	Henderson Tool Co	2335 16th Ave, Moline	764-2235
Ind	Paul W Benedict	241 N Gray St, Indianapolis	ME2-5012
Iowa	Henderson Tool Co	2335 16th Ave, Moline, Ill	764-2235

● INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ky	C K Richie & Associates	3236 Little York Rd, Dayton 14, Ohio	TW6-5283
La	Clinic Mill Supply Co., Inc	Tchoupitoulas & St. Joseph St, New Orleans 6, La	
Md	Norman R Jones	54-9 Revere Rd, Drexel Hill, Pa	MA3-1139
Mich	Cornell Tool Co	570 Livernois, Ferndale 20, Mich	LI8-1540
Minn	Charles W Stone Co	1914 LaSalle Ave, Minneapolis 3	FE9-0611
NJ	O A Moenz Co	39 Lincoln Park, Newark 2, NJ	MI2-8500
NY	Wm G Harvey Co	1803 South Ave, Syracuse, NY	GR8-3253
NY	W G Harvey Co	56 Chauncey Lane, Orchard Park, NY	04124
NC	Price Equipment Co	P O Box 414, Monroe, NC	AT3-4788
Ohio	C K Richie & Associates	3236 Little York Rd, Dayton 14, Ohio	TW6-5283
Ohio	Peerless Tool Service	3628 Detroit Ave, Toledo 12	GR4-5781
Ohio	Match & Merryweather Machy Co	1250 E 222nd St, Cleveland 17	
Pa	Norman R Jones	54-9 Revere Rd, Drexel Hill	MA3-1139
SC	Price Equipment Co	Box 414, Monroe, NC	AT3-4788
Tenn	Hicks Machine Tool Co	673 S. Cooper St, Memphis 11, Tenn	
Tex	Hunter Machine Tool Co	1806 Stemmons, Dallas 18, Tex	
Tex	C J Harter Machinery Co	3838 Navigation Blvd, Houston, Tex	
Va	Price Equipment Co	Box 414, Monroe, NC	AT3-4788
W Va	C K Richie & Associates	3236 Little York Rd, Dayton 14, Ohio	TW6-5283
Wis	Clarence W Binzel	10031 W Lisbon Ave, Milwaukee 22	HO3-9664
Can	Williams & Wilson, Ltd	544 Inspector St, Montreal, PQ	
Can	Williams & Wilson, Ltd	71 Front St, Toronto 1, Ont	
•	**NON-LINEAR SYSTEMS INC**	**Box 728, Del Mar, Cal**	**SK5-1134**
	R Wyman #25 *250 F 335-895		
Ala	W A Brown & Associates	3405 Lookout Dr, Huntsville, Ala	JE6-4393
Ariz	Brooks Feegel & Associates	478 N. Scottsdale Rd, Scottsdale, Ariz	WH6-2111
Ark	Mitchell Speairs Co	4944 James Ave, Ft. Worth 15, Tex	WA3-4657
Cal	Western Marketing Div	1850 Fair Oaks Ave, S. Pasadena, Cal	MU2-3780
Cal	C W Moulton Co	441 W. California St, Palo Alto, Cal	DA6-5291
Colo	Brooks, Feegel & Assoc	3041 S Broadway, Englewood	SU1-7375
Colo	MLS Rocky Mtn Marketing Div	275 Josephine St, Denver	PE3-3767
Conn	The Howard J Schuft Co., Inc	615 Washington St, Newtonville, Mass	LA7-5304
Del	MLS Eastern Marketing Div	1925 "K" St, NW, Wash, DC	FE7-4315
DC	MLS Eastern Marketing Div	1925 "K" St, NW, Wash	FE7-4315
Fla	W A Brown & Associates	200 Capron Rd, Indian River City, Fla	TI1081
Ga	W A Brown & Associates	200 Capron Rd, Indian River City, Fla	TI1081
Idaho	Burt C Porter Co	1209 Poplar Pl, Seattle, Wash	EA3-8330
Ill	MLS Central Marketing Div	1915 N Harlem Ave, Chicago	TU9-1277
Ind	MLS Central Marketing Div	1915 N Harlem Ave, Chicago, Ill	TU9-1277
Iowa	Engineering Services Co	1000 Oakland Gardens, Cedar Rapids	EM5-6181
Kan	Engineering Services Co	8321 E. Indianapolis, Wichita, Kan	MU3-3751
Ky	MLS Central Marketing Div	1915 N Harlem Ave, Chicago, Ill	TU9-1277
La	Mitchell Speairs Co	4944 James Ave, Ft Worth, Tex	WA3-4657
Me	The Howard J Schuft Co	615 Washington St, Newtonville, Mass	LA7-5304
Md	MLS Eastern Marketing Div	1925 "K" St, NW, Wash, DC	FE7-4315
Mass	The Howard J Schuft Co	615 Washington St, Newtonville, Mass	LA7-5304
Mich	Gaine Engineering Co	1474 E. Outer Dr, Detroit, Mich	FO6-5151
Minn	MLS Central Marketing Div	1915 N Harlem Ave, Chicago, Ill	TU9-1277
Miss	W A Brown & Associates	3405 Lookout Dr, Huntsville, Ala	JE6-4393
Mo	Engineering Services Co	6717 Vernon Ave, St Louis	PA6-2233
Mo	Engineering Services Co	4550 Main St, Kansas City	JE1-7765
Mont	Burt C Porter Co	1209 Poplar Pl, Seattle, Wash	EA3-8330
Neb	Engineering Services Co	1000 Oakland Gardens, Cedar Rapids, Iowa	EM5-6181
Nev	Brooks, Feegel & Assoc	253 Rio Grande, Salt Lake City, Utah	EL9-2427
NH	The Howard J Schuft Co, Inc	615 Washington St, Newtonville, Mass	LA7-5304
NJ	Northeastern Marketing Div	641 Franklin Ave, Nutley, NJ	NO1-1221
NM	Brooks, Feegel & Assoc	5510 Domingo Rd, NE, Albuquerque	AM8-1724
NY	MLS Northeastern Marketing Div	1000 Franklin Ave, Garden City	PI7-6720
NY	IBM Assoc, Inc	177 Kenton Rd. N, Rochester	CL4-8440
NC	W A Brown & Assoc, Inc	1707 Princeton St, SW, Winston-Salem	PA5-5004
ND	MLS Central Marketing Div	1915 N Harlem Ave, Chicago, Ill	TU9-1277
Ohio	The Ohio Instrument Co	7335 Winston Churchill Dr, Dayton, Ohio	CH4-2744
Okla	Mitchell Speairs Co	4944 James Ave, Ft Worth, Tex	WA3-4657
Ore	Burt C Porter Co	1209 Poplar Pl, Seattle, Wash	EA3-8330
Pa	The Ohio Instrument Co	7335 Winston Churchill Dr, Dayton, Ohio	CH4-2744
Pa	MLS Eastern Mkt Area Off	15 Potter St, Haddonfield, NJ	HA8-1063
RI	The Howard J Schuft Co	615 Washington St, Newtonville, Mass	LA7-5304
SC	W A Brown & Associates	200 Capron Rd, Indian River City, Fla	TI1081
SD	MLS Central Marketing Div	1915 N Harlem Ave, Chicago, Ill	TU9-1277
Tenn	W A Brown & Associates	200 Capron Rd, Indian River City, Fla	TI1081
Tex	MLS Southeastern Marketing Div	300 Exchange Bank Bldg, Dallas	
Tex	Mitchell Speairs Co	4944 James Ave, Ft Worth	WA3-4657
Utah	Brooks, Feegel & Assoc	253 Rio Grande, Salt Lake City	EL9-2427
Vt	The Howard J Schuft Co, Inc	615 Washington St, Newtonville, Mass	LA7-5304
Va	W A Brown & Assoc	3010 W Vernon Ave, Alexandria	TE6-1800
Wash	Burt C Porter Co	1209 Poplar Pl, Seattle, Wash	EA3-8330
Wis	MLS Central Marketing Div	1915 N Harlem Ave, Chicago, Ill	TU9-1277
Canada	Aeronautical Engrg Products Ltd	147 Hymus Blvd, Pointe Claire, Que, Can	OX7-0811
Foreign	Frazar & Hansen Ltd	301 Clay St, San Francisco, Cal	EX2-5112
	NONOTUCK MFG CO	**Canal St, S Hadley Falls, Mass**	**JE4-8271**
	***119 E 1960**		
Cal	Thompson Associates	P O Box 1143, Palos Verdes Estates	FR7-4042
	NOPCO CHEMICAL CO PLASTICS DIV	**175 Schuyler Ave, North Arlington, NJ**	**WY8-3555**
	1220-1291		
Cal	Nopco Chemical Co Plastics Div	4568 Valley Blvd, Los Angeles, Cal	CA1-3128
NJ	Nopco Chemical Co Plastics Div	60 Park Pl, Newark 2, NJ	HU1-3128
	NORBATROL ELECTRONICS CORP	**356 Collins Ave, Pittsburgh 6, Pa**	**EM3-2020**
	H Altman #6 *61 D 275-320-338-360-365-895-915-1100-1420-1455-1460-1885		
Cal	Time Trol Inc	5755 Van Nuys Blvd, Van Nuys	ST1-3297
Conn	Reiss Engineering Sales	259 Walnut St, Newtonville 60, Mass	LA7-4932
Me	Reiss Engineering Sales	259 Walnut St, Newtonville 60, Mass	LA7-4932
Mass	Reiss Engineering Sales	259 Walnut St, Newtonville 60	LA7-4932
NH	Reiss Engineering Sales	259 Walnut St, Newtonville 60, Mass	LA7-4932
NY	J F Wolfe Jr	4505 Genesee St, DeWitt 14	GI6-3330
Ohio	Wornham	3000 Lorain Rd, Cleveland 26	ED1-3554
RI	Reiss Engineering Sales	259 Walnut St, Newtonville 60, Mass	LA7-4932
Vt	Reiss Engineering Sales	259 Walnut St, Newtonville 60, Mass	LA7-4932
	NORDEN DIV, UNITED AIRCRAFT CORP	**Helen St, Norwalk, Conn**	**TE8-4471**
	F Helms #700 *2100 30-45-200-338-340-350-775-780-895-1335-1790-1910		
Cal	James Way	10920 Wilshire Blvd, Los Angeles 24, Cal	GR2-5623
DC	Leon Miles	425 13th St, N.W., Washington, DC	ME8-6432
Ohio	Lawrence Gerber	12 N. Monument Ave, Dayton 2, Ohio	BA8-4481
	NORRMAN LABORATORIES, ERNST	**Williams Bay, Wisc**	**CI5-5516**
	#3 *500 A 895		
	NORTH AMERICA ELECTRONICS	**723 3rd Ave. W. Birmingham 4, Ala**	**FA4-3301**
	#2 *4 A 40-895-1910		
	NORTH AMERICAN ELECTRIC LAMP CO	**1520 N. 10th St, St. Louis 6, Mo**	**CE1-2585**
	885-990		
Cal	F J Alley Co	1513 S. Mateo St, Los Angeles, Cal	
Ga	Carl Henry	4967 Long Island Dr, Atlanta 5, Ga	
Ill	Rick & Selling	547 W. Washington Blvd, Chicago 6, Ill	
Mich	H D Robertson	15965 Evergreen Rd, Detroit 19, Mich	
NY	Manhattan Sales Co	256 Fulton St, New York 7, NY	
•	**NORTH AMERICAN ELECTRONICS INC**	**71 Linden St, West Lynn, Mass**	**LY8-4800**
	R Smith #11 *155 E 500-1445		
Ariz	Richard A Strassner Co	1557 N. Western Ave, Los Angeles 27, Cal	HO3-5694
Cal	Richard A Strassner Co	1557 N. Western Ave, Los Angeles 27, Cal	HO3-5694
Colo	Ruehle Sales Co	465 S. Leyden St, Denver 22	DU8-3125
Conn	N. American Elec	136 Liberty St, NY, NY	WO2-0252
Del	Lewis Slubin & Co	2305 Fairmount Ave, Phila, Pa	CE6-2072
DC	Lewis Slubin & Co	2305 Fairmount Ave, Phila, Pa	CE6-2072
Idah	Don Smith Sales Co	2021 N. 45th St, Seattle 3, Wash	ME3-3160
Ill	Ellinger Sales Corp	6541 Northwest Hwy, Chicago 31, Ill	RO3-1570
Ind	Ellinger Sales Corp	5214 Forest Ave, Ft. Wayne	EA7-7338
Iowa	Ellinger Sales Corp	309 4th Ave, SE, Clarion	341-J
Kan	H A Roes & Co	2600 Cherry St, Kansas City 8, Mo	BA1-0868
Md	Lewis Slubin & Co	2305 Fairmount Ave, Phila, Pa	CE6-2072
Minn	Bonsmert Heyda	6101 Auto Club Rd, Minneapolis 20, Minn	TU1-9166
Mont	Don Smith Sales Co	2020 N. 45th St, Seattle 3, Wash	ME3-3160
Mo	H A Roes & Co	2600 Cherry St, Kansas City 8, Mo	BA1-0868
Neb	H A Roes & Co	2600 Cherry St, Kansas City 8, Mo	BA1-0868
Nev	Richard A Strassner Co	1557 N. Western Ave, LA 27, Cal	HO3-5694
Nev	Richard A Strassner Co	1557 N. Western Ave, Los Angeles 27, Cal	HO3-5694
NJ	N. Amer Electronics Inc	136 Liberty St, NY, NY	WO2-0252
NM	Richard A Strassner Co	1557 N. Western Ave, Los Angeles 27, Cal	HO3-5694
NY	N. Amer. Electronics Inc	136 Liberty St, NY	WO2-0252
NC	Lewis Slubin & Co	2305 Fairmount Ave, Phila 30, Pa	CE6-2072
ND	Bonsmert Heyda	6101 Auto Club Rd, Minneapolis 20, Minn	TU1-9166
Ohio	Electro-Com	5554 Pearl Rd, Cleve 29	TU4-2404
Okla	Jacobson Co., The	Box 5702, Dallas 14, Tex	FL1-3362
Ore	Don Smith Sales Co	2020 N. 45th St, Seattle 3, Wash	ME3-3160
Pa	Lewis Slubin & Co	2305 Fairmount Ave, Phila 30	CE6-2072
SD	Bonsmert Heyda	6101 Auto Club Rd, Minneapolis 20, Minn	TU1-9166
Tex	Jacobson Co	Box 5702, Dallas 14	FL1-3362
Utah	Ruehle Sales Co	465 S. Leyden St, Denver 22, Colo	DU8-3125
Va	Lewis Slubin & Co	2305 Fairmount Ave, Philadelphia 30, Pa	ST7-2072
Wash	Don Smith Sales Co	2020 N. 45th St, Seattle 3	ME3-3160
W Va	Electro-Com	5554 Pearl Rd, Cleve 29, Ohio	TU4-2404
Wisc	Bonsmert Heyda	6101 Auto Club Rd, Minneapolis 20, Minn	TU1-9166
Wyo	Ruehle Sales Co	465 S. Leyden St, Denver 22, Colo	DU8-3125
•	**NORTH ATLANTIC INDUSTRIES INC**	**Terminal Dr, Plainview, NY**	**OV1-8600**
	J Gregorth #9 *95 E 35-338-365-895-1145-1470-1550-1555-1645-1855-1915		
Ala	Murphy & Cota	250 Governors Dr, S.E., Huntsville, Ala	JE6-9121
Ariz	Tech-Ser, Inc	P O Box 6544, San Diego 6, Cal	AC2-1121
Cal	Tech-Ser, Inc	3540 Wilshire Blvd, Los Angeles 5	DU5-1765
Colo	EMF Associates	P O Box B, Englewood	SU9-9592
Conn	Brogan Associates	220 Jericho Tpk, Mineola, NY	PI7-3230
Del	Fred F Bartlett & Co	P O Box 126, Wayne, Pa	MU8-7325
DC	Fred F Bartlett & Co	714 15th St, NW, Washington 5	EX3-6242
Fla	Murphy & Cota	2319 E South St, Orlando	GA4-2167
Ga	Murphy & Cota	250 Governors Dr, S.E., Huntsville, Ala	JE6-9121
Idah	Stanley Enterprises	127 Front St, Seattle 4, Wash	PA3-3320
Ill	Carlson Electronic Sales	6677 N. Northwest Hwy, Chicago 31, Ill	SP4-0277
Ind	Carlson Electronic Sales	6677 N. Northwest Hwy, Chicago 31, Ill	SP4-0277
Iowa	Engineering Services Co	6717 Vernon Ave, St Louis 30, Mo	PA6-2233
Kan	Engineering Services Co	747 Fountain, Wichita 11	MU3-3751
Ky	Electro Sales Associates	Dabel Sta, Box 143, Dayton, Ohio	CH4-5551
La	Ammon & Champion Co	2714 Bomar St, Dallas 4, Tex	FL7-3939
Me	Brogan Associates	2300 Washington St, Newton 62, Mass	WO9-5560
Md	Fred F Bartlett & Co	P O Box 126, Wayne, Pa	MU8-7325
Mass	Brogan Associates	2300 Washington St, Newton 62	WO9-5560
Mich	Electro Sales Associates	36500 Weideman Rd, Mt Clemens	HO8-2461
Minn	Pat Lund Electronics Co	5701 Western Ave, Circle Pines	SU4-3917
Miss	Murphy & Cota	250 Governors Dr, S.E., Huntsville, Ala	JE6-9121
Mo	Engineering Services Co	6717 Vernon Ave, St Louis 30	PA6-2233
Mont	Stanley Enterprises	Boeing Field, Seattle 8, Wash	PA3-3320
Neb	Engineering Services Co	6717 Vernon Ave, St Louis 30, Mo	PA6-2233
Nev	Tech-Ser, Inc	3540 Wilshire Blvd, Los Angeles 5	DU5-1765
NH	Brogan Associates	220 Jericho Tpk, Mineola, NY	PI7-3230
NJ	B B Taylor Corp	2270 Grand Ave, Baldwin, NY	BA3-8000
NJ	Fred F Bartlett & Co	P.O. Box 126, Wayne, Pa	MU8-7325
NM	EMF Associates	P O Box B, Englewood, Colo	SU9-9592
NY	B B Taylor Corp	2270 Grand Ave, Baldwin, NY	BA3-8000
NY	Brogan Associates	220 Jericho Tpk, Mineola	PI7-3230
NC	Murphy & Cota	1106 Burke St, Winston-Salem, NC	
Ohio	Electro-Sales Corp	281 E 216 St, Cleveland, Ohio	RE2-7444
Okla	Ammon & Champion Co	2714 Bomar St, Dallas 4, Tex	FL7-3939
Ore	Stanley Enterprises	Boeing Field, Seattle 8, Wash	PA3-3320
Pa	Fred F Bartlett & Co	P.O. Box 126, Wayne, Pa	MU8-7325
RI	Brogan Associates	2300 Washington St, Newton 62, Mass	WO9-5560
SC	Murphy & Cota	1106 Burke St, Winston Salem, NC	
Tenn	Murphy & Cota	250 Governors Dr, S.E., Huntsville, Ala	JE6-9121
Tex	Ammon & Champion Co	2714 Bomar St, Dallas 4	FL7-3939
Utah	EMF Associates	130 S 2nd St. E, Salt Lake City	EL5-7100
Vt	Brogan Associates	2300 Washington St, Newton 62, Mass	WO5-5560
Va	Fred F Bartlett & Co	P.O. Box 126, Wayne, Pa	MU8-7325
Wash	Stanley Enterprises	Boeing Field, Seattle 8, Wash	PA3-3320
Wisc	Carlson Electronic Sales	6677 N. Northwest Hwy, Chicago 31, Ill	SP4-0277
Wyo	EMF Associates	P O Box B, Englewood, Colo	SU9-9592
Canada	Electrodesign	1336 Notre Dame St, W, Montreal, Que, Can	UN6-7367
For	Electronics Mfgs Export Co	127 Grace St, Plainview, NY	WE1-3700
	NORTH ELECTRIC CO	**553 S. Market St, Galion, Ohio**	**HO8-2420**
	R Parker #100 *1700 E 255-325-330-335-345-360-375-795-895-920-925-950-1245-1315-1325-1340-1390-1460-1735-1765-1780-1785		
Ala	H R Rivitz	28 Red Rose Way, Levittown, Pa	LO3-7625
Ariz	H E Peters	105 Roundup Rd, Glendora, Cal	ED5-6017
Cal	Ronald Batts	105 Roundup Rd, Glendora, Cal	ED5-6017
Colo	H E Peters	105 Roundup Rd, Glendora, Cal	ED5-6017
Conn	Richard Purinton Inc	11 Muzzey St, Lexington 73, Mass	VO2-8300
Del	H R Rivitz	28 Red Rose Way, Levittown, Pa	LO3-7625
Ill	Roy Rosenkoetter	5640 S. Lafin St, Chicago 36, Ill	RE7-3512
Ill	Kay Sales Co	2600 Grand Ave, Kansas City 8, Mo	BA1-3800
Iowa	Kay Sales Co	2600 Grand Ave, Kansas City 8, Mo	BA1-3800
Kan	Kay Sales Co	2600 Grand Ave, Kansas City 8, Mo	BA1-3800
Me	Richard M Purinton Inc	11 Muzzey St, Lexington 73, Mass	VO2-8300
Md	H R Rivitz	28 Red Rose Way, Levittown, Pa	LO3-7625
Mass	Richard M Purinton Inc	11 Muzzey St, Lexington 73, Mass	VO2-8300
Mich	Burcham-Cowan & Co	22129 Grand River Ave, Detroit 19, Mich	KE3-7700
Mo	Kay Sales Co	2600 Grand Ave, Kansas City 8, Mo	BA1-3800
Neb	Kay Sales Co	2600 Grand Ave, Kansas City 8, Mo	BA1-3800
Nev	H E Peters	105 Roundup Rd, Glendora, Cal	ED5-6017
NH	Richard Purinton Inc	11 Muzzey St, Lexington 73, Mass	VO2-8300
NY	R L Horowitz	55 W. 42nd St, NY 36	CH4-1406
NY	H R Rivitz	28 Red Rose Way, Levittown, Pa	LO3-7625
NY	J V Guercio	411 Wilbur St, Oneida, NY	3320
ND	N. Electric Co	55 S. Market St, Galion, Ohio	
Ohio	William F Troll	553 S. Market St, Galion, Ohio	HO8-2420
Okla	E F Aymond Co	4317 Maple Ave, Dallas 19, Tex	LA6-5233
Ore	C & H Supply Co	Admin Bldg, Boeing Fld, Seattle 8, Wash	PA2-8000
Tex	E F Aymond Co	4317 Maple Ave, Dallas 19, Tex	LA6-5233
Wash	C & H Supply Co	Admin Bldg, Boeing Fld, Seattle 8	PA2-8000
Wis	Ray Rosenkoetter	5640 S. Lafin St, Chicago 36, Ill	RE7-3512
•	**NORTH HILLS ELECTRONICS, INC**	**Glen Cove, NY**	**OR1-5700**
	S Cramer #5 *40 D 195-320-715-895-1340-1455-1855		
Cal	G H Vaughan Co	Box 1758, Palo Alto	DA1-7347
Cal	G H Vaughan Co	2364 E Foothill Blvd, Pasadena	SY5-4470
Colo	Duane Electronics	10660 Carol Ln, Denver 29	BH4-1051
Conn	L K Ingber Co	4 Oakwood Terr, Newton Centre 59, Mass	DE2-8574
Fla	Q C Equipment Sales	630 N Orange Ave, Orlando	GA2-0491
Me	L K Ingber Co	4 Oakwood Terr, Newton Centre 59, Mass	DE2-8574
Md	Jules Joslow	8607 Lanier Dr, Silver Spring	JU5-7139
Mass	L K Ingber Co	4 Oakwood Terr, Newton Centre 59	DE2-8574
NH	L K Ingber Co	4 Oakwood Terr, Newton Centre, Mass	DE2-8574
NJ	Industron Co	300 Northern Blvd, Great Neck, NY	HU7-2820
NJ	Albert Clanfield	90 Roberts Pl, Roosevelt, NY	PL7-6454
NJ	Robler Co	2 Mccahill Rd, Levittown, Pa	
NY	Industron Co	300 Northern Blvd, Great Neck, NY	HU7-2820
NY	Albert Clanfield	90 Roberts Pl, Roosevelt, NY	PL7-6454
NY	E V Stone Co, Inc	306 Merritt Ave, Syracuse 7	HO9-1825
Ohio	Ohio Instrument Co	7335 Winston Churchill Dr, Dayton	CH4-2744
Pa	Robler Co	2 Mccahill Rd, Levittown	WI5-2571
RI	L K Ingber Co	4 Oakwood Terr, Newton Centre 59, Mass	DE2-8574
Vt	L K Ingber Co	4 Oakwood Terr, Newton Centre 59, Mass	DE2-8574
Wash	Aetec Corp	Box 31, Mercer Island	GL4-4490
For	Terminal Radio International, Ltd	240 W 17 St, New York 11, NY	CH3-5200
	NORTH & JUDD MFG CO	**500 E. Main St, New Britain, Conn**	**BA3-3621**
	P Brown *1200 285-645-1120-1970		
Cal	Wilcox-Crittenden Co, Inc	1213 Rollins Rd, Burlingame, Cal	OX7-4457
Cal	H Herold Andersen	3204 N. Steven Ave, S. San Gabriel, Cal	CU3-2626
Ga	North & Judd Mfg Co., Inc	2540 Cove Circle, Atlanta, Ga	ME5-4538
Ill	North & Judd Mfg Co of Ill	320 W. Congress Pkwy, Chicago, Ill	HA7-7216
Mass	North & Judd Mfg Co	69 Mayo Rd, Wellesley, Mass	CE5-5071
Mich	North & Judd Mfg Co	390 Eastlawn St, Detroit, Mich	VA2-4080
Minn	North & Judd Mfg Co	8233 Oakland Ave, Bloomington, Minn	TU8-1341
Miss	North & Judd Mfg Co	3065 Marwood Dr, Jackson, Miss	EM2-1287
Mo	North & Judd Mfg Co	411 N. 10th St, St. Louis, Mo	CH1-1181
NY	North & Judd Mfg Co	307 Calvin Ave, Buffalo 16, NY	BE7080
NY	North & Judd Mfg Co	151 Waverly Pl, New York 14, NY	CH5-3222
Pa	North & Judd Mfg Co	623 Penfield Ave, Havertown, Pa	GR6-6113
Tex	North & Judd Mfg Co	4233 Colgate St, Dallas, Tex	EM8-6166
Wash	Ralston R Cunningham Associates Inc	71 Columbia St, Seattle, Wash	MA2-2940
Canada	J G Trelber	4333 Cedar Dr, St. Genevieve, P Q, Can	WA6-5768
	NORTHEAST ELECTRONICS CORP	**P. O. Box 425, Concord, NH**	**CA5-6641**
	W Wilkes #4 *26 C 325-895		
NJ	E Little	61 Ivy Ln, Englewood	LO8-3827
NY	E Little	61 Ivy Ln, Englewood, NJ	LO8-3827
Pa	E Little	61 Ivy Ln, Englewood, NJ	LO8-3827
Tex	Robert B Stockdale Associates Inc	3115 Buffalo Dr, Houston 19, Tex	JA8-0611
	NORTHEAST SCIENTIFIC CORP	**30 Wetherbee St, Acton, Mass**	**CO3-7706**
	J Parkhill #1 *20 B 1135-1340		
•	**NORTHEASTERN ENGINEERING INC**	**P. O. Box 150, Manchester, NH**	**NA2-6485**
	W Matson #15 *245 E 180-338-350-895-1390-1810		
Ariz	R A Meyer Co	5021-B Montana Ave, El Paso, Tex	PR8-2825
Ark	Industrial Assoc. Electronics	2311 Farrington St, Dallas, Tex	RI8-0777
Cal	Van Groos Co	Box 425, Woodland Hills	DI8-3131
Colo	McLeod & Raymond Co	2151 S Grape St, Denver	SK6-1599
Conn	Technical Instruments, Inc	1115 Main St, Bridgeport, Conn	FO4-4912
Del	L G White & Co, Inc	108 Forest Ave, Narberth, Pa	MO4-6805
DC	L G White & Co, Inc	800 Bonifant St, Silver Spring, Md	JU5-3141
Idah	McLeod & Raymond Co	2151 S Grape St, Denver, Colo	SK6-1599
Idaho	J K Dooley Co	3215 Western Ave, Seattle, Wash	AT4-8313
Ill	Zak & Assoc, Inc	7730 Carondelet, St Louis, Mo	PA7-8559
Ind	Zak & Assoc, Inc	7730 Carondelet, St Louis, Mo	PA7-8559
Iowa	Zak & Assoc, Inc	7730 Carondelet, St Louis, Mo	PA7-8559
Kan	Industrial Assoc. Electronics	2311 Farrington St, Dallas, Tex	RI8-0777
La	Industrial Assoc. Electronics	2311 Farrington St, Dallas, Tex	RI8-0777
Me	Technical Instruments, Inc	90 Main St, Reading, Mass	RE2-3700
Md	L G White & Co, Inc	800 Bonifant St, Silver Spring	JU5-3141
Mass	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3700
Minn	L F Murphy & Assoc, Inc	1940 Hennepin Ave, Minneapolis	FR4-2752
Mo	Zak & Assoc, Inc	7730 Carondelet, St Louis	PA7-8559
Mont	J K Dooley Co	3215 Western Ave, Seattle, Wash	AT4-8313
Mont	McLeod & Raymond Co	2151 S Grape St, Denver, Colo	SK6-1599
Nev	R A Meyer Co	5021-B Montana Ave, El Paso, Tex	PR8-2825

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NH	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3330
NJ	L G White & Co. Inc	108 Forest Ave, Narberth, Pa	MO4-6505
NJ	R E Weber Co	17 Melrose Rd, E Brunswick, NJ	CL7-5243
NM	Industrial Assoc. Electronics	2311 Farrington St. Dallas, Tex	RI8-0777
NY	Martin P Andrews, Inc	Fayetteville	NE7-3144
NC	L G White & Co. Inc	2080 Beach St, Winston Salem	PA5-3612
Ohio	Frederic L Orner & Associates	P.O. Box 2113, Kettering Branch Dayton	AX3-4530
Okla	Industrial Assoc. Electronics	2311 Farrington St. Dallas, Tex	RI8-0777
Ore	J K Dooley Co	3215 Western Ave, Seattle, Wash	AT4-8313
Pa	H E Ransford Co	5400 Clairton Blvd, Pittsburgh 36, Pa	TU4-3425
Pa	L G White & Co. Inc	108 Forest Ave, Narberth	MO4-6505
RI	Technical Instruments Inc	1115 Main St, Bridgeport, Conn	FO8-4582
SC	L G White & Co. Inc	2080 Beach St, Winston Salem, NC	PA5-3612
Tenn	L G White & Co. Inc	2080 Beach St, Winston Salem, NC	PA5-3612
Tex	Industrial Assoc. Electronics	2311 Farrington St, Dallas	RI8-0777
Utah	McLoud & Raymond Co	Box FG-146, Salt Lake City	
Vt	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3330
Va	L G White & Co. Inc	880 Bonifant St. Silver Spring, Md	JU5-3141
Wash	J K Dooley Co	3215 Western Ave, Seattle, Wash	AT4-8313
W.Va	H E Ransford Co	5400 Clairton Blvd, Pittsburgh 36, Pa	TU4-3425
W Va	L G White & Co. Inc	880 Bonifant St. Silver Spring, Md	JU5-3141
Wis	L F Murphy & Assoc. Inc	1940 Hennepin Ave, Minneapolis, Minn	FR4-2350
Wis	Zak & Assoc. Inc	7730 Carondelet, St Louis, Mo	PA7-8559
Wyo	McLoud & Raymond Co	2151 S Grape St. Denver, Colo	SK6-1589
Foreign	Frazar & Hansen Ltd	301 Clay St, San Francisco, Cal	
•	**NORTHERN ENGINEERING LABS INC**	**372 Wilmot Ave, Burlington, Wisc**	**RO3-3591**
	J Holmbeck D 415-895-1215		
Ariz	G B Ellis Sales Co	2316 El Camino Real, Mountain View, Cal	YO7-5531
Ariz	Uni-Tech Sales Co	6715 Hollywood Blvd, Hollywood, Cal	HO3-0903
Cal	G B Ellis Sales Co	2316 El Camino Real, Mountain View, Cal	YO7-5531
Cal	Uni-Tech Sales Co	6715 Hollywood Blvd, Hollywood	HO3-0903
Conn	DeVeer Sales Engineering Co	1492 Needham Ave, Needham 92, Mass	HI4-4200
Conn	DeVeer Sales Engineering Co	Laurel Dr, Granby, Conn	OL3-2885
Fla	Benz Sales Co	P.O. Box 178, N. Miami Beach 62, Fla	
Fla	Components Sales Corp	Box 178, N Miami Beach 62, Fla	WI5-7721
Fla	Components Sales Corp	Box 7047, St Petersburgh 34	MI7-7904
Ill	Ed Schmeichel Co	5958 W. Chicago Ave, Chicago, Ill	ES8-2070
Ind	Ed Schmeichel Co	5958 W. Chicago Ave, Chicago, Ill	ES8-2070
Me	DeVeer Sales Engineering Co	1492 Highland Ave, Needham 92, Mass	HI4-4200
Mass	DeVeer Sales Engineering Co	1492 Highland Ave, Needham 92, Mass	HI4-4200
Mich	Ed Schmeichel Co	5958 W. Chicago Ave, Chicago, Ill	ES8-2070
Nev	G B Ellis Sales Co	2316 El Camino Real, Mountain View, Cal	YO7-5531
NH	DeVeer Sales Engineering Co	1492 Highland Ave, Needham 92, Mass	HI4-4200
NJ	B B Taylor Corp	429 Pisgah Ave, Clifton	PR3-1450
NJ	B B Taylor Corp	2270 Grand Ave, Baldwin, NY	BA3-8000
NY	B B Taylor Corp	2270 Grand Ave, Baldwin, NY	BA3-8000
RI	DeVeer Sales Engineering Co	1492 Highland Ave, Needham 92, Mass	HI4-4200
Tex	Hal F Corry Co	6315 Hillcrest Ave, Dallas 5, Tex	LA8-9172
Wisc	Ed Schmeichel Co	5958 W. Chicago Ave, Chicago, Ill	ES8-2070
	NORTHERN PLASTICS CORP	**2nd & Market Sts. LaCrosse, Wis**	**4-6070**
	R Haugen #4 *236 D 975-1290-1295-1305		
Cal	A B Boyd Co	1235 Howard St. SF	UN3-2341
Cal	Wesplex Supply Co	13536 Saticoy St. Van Nuys	TR3-3520
Fla	Jack Geartner Co	235 Lincoln Rd. Miami Beach	JE1-0200
Fla	Jack Geartner Co	711 Magnolia Ave. Orlando	GA4-3926
Ill	Norplex Sales Co	6272 W. North Ave, Chicago 39, Ill	NA2-6212
Ind	Warner, Kessler & Assoc	Box 338, S. Whitley	723-5353
Kan	Northern Plastics Corp	755 N. Woodlawn, Derby, Kan	SU8-1726
Mich	Harvey Hehnfeld	11211 Morang Dr. Detroit 24	VE9-4592
Minn	Northern Plastics Corp	801 S. E. 8th St, Minneapolis 14, Minn	FE9-7701
Mo	Phelan-Tremelli Sales Agency	8007 Clayton Rd. St Louis 17	PA1-7784
NY	Northern Plastics Corp	167 Fairhaven Rd, Rochester 10, NY	BU8-0756
NY	Midlantic Sales Co	520 5th Ave. NY 36	MU2-5844
NC	Midlantic Sales Co	612 Myers Ln. Greensboro	BR3-3024
Ohio	R A Paisley Co	Box 2895, Cleve 16	ED3-0569
Ore	A B Boyd Co	930 SE Oak St. Portland 14	BE5-6649
Pa	Midlantic Sales Co	9 E. Athens Ave. Ardmore	MI9-2643
Tenn	R A Wade	1119 Hamilton Bank Bldg. Chattanooga 2	AM6-2893
Tex	Andy & Assoc	5531 Dyer St. Dallas 6	EM8-8211
Wash	A B Boyd Co	418 N. Burke Ave. Seattle 9	MA2-6545
Can	France Packing of Canada Ltd	Brantford, Ont	PL3-8671
For	Olibo	19 Rue DeLaMichodiere, Paris 2, Fr	RI56-42
For	Oswald E Boll	Seefeldstr. 45, Zurich 8/32, Switz	345858/59
•	**NORTHERN RADIO CO., INC**	**143-145 W. 22nd St, New York 11, NY**	**WA9-9117**
	F Lambert #9 *75 E 325-360-635-895-945-1425-1870		
	NORTHERN RESEARCH & ENGRG CORP	**238 Main St, Cambridge 42, Mass**	**KI7-5873**
	250-370		
	NORTHROP CORP	**1001 E. Broadway, Hawthorne, Cal**	**OR8-9111**
	338-340-1210		
	NORTHWEST PLASTICS INC	**65 E. Plato Ave. St. Paul 7, Minn**	**CA7-6686**
	W Everling #5 E 1285-1290		
Conn	Russ Diethert Co.	P. O. Box 510, Gastonia, NC	UN5-3771
Del	Russ Diethert Co.	P. O. Box 510, Gastonia, NC	UN5-3771
DC	Russ Diethert Co.	P. O. Box 510, Gastonia, NC	UN5-3771
Fla	Russ Diethert Co.	P. O. Box 510, Gastonia, NC	UN5-3771
Ga	Russ Diethert Co.	P. O. Box 510, Gastonia, NC	UN5-3771
Ill	Russ Diethert Co.	2030 W. Montrose, Chicago 18, Ill	LO1-7627
Ind	Russ Diethert Co.	2030 W. Montrose, Chicago 18, Ill	LO1-7627
Md	Russ Diethert Co.	P. O. Box 510, Gastonia, NC	UN5-3771
Mass	Russ Diethert Co.	P. O. Box 510, Gastonia, NC	UN5-3771
Mich	H H Schultz & Co	644 New Center Bldg, Detroit, Mich	TR5-1030
NJ	Russ Diethert Co.	P. O. Box 510, Gastonia, NC	UN5-3771
NY	Russ Diethert Co.	P. O. Box 510, Gastonia, NC	UN5-3771
NC	Russ Diethert Co.	P. O. Box 510, Gastonia, NC	UN5-3771
Ohio	H H Schultz & Co	644 New Center Bldg, Detroit, Mich	TR5-1030
Pa	Russ Diethert Co.	P. O. Box 510, Gastonia, NC	UN5-3771
RI	Russ Diethert Co.	P. O. Box 510, Gastonia, NC	UN5-3771
SC	Russ Diethert Co.	P. O. Box 510, Gastonia, NC	UN5-3771
Va	Russ Diethert Co.	P. O. Box 510, Gastonia, NC	UN5-3771
Wash	Russ Diethert Co.	P. O. Box 510, Gastonia, NC	UN5-3771
W. Va	Russ Diethert Co.	P. O. Box 510, Gastonia, NC	UN5-3771
Wisc	Russ Diethert Co.	1130 N. Water St, Milwaukee 2, Wisc	DI2-7484
	NORTON ASSOCIATES INC	**240 Old Country Rd, Hicksville, NY**	**OV1-6181**
	R Norton 338-810		
	NORTON CO	**1 New Bond St, Worcester 6, Mass**	**SW8-2511**
	W McCune *4000 G 05-115-240-265-315-338-410-900-905-995-1075-1125-1135-1890-1950		
Cal	Norton Co	5925 Pacific Blvd, Los Angeles, Cal	
Conn	Norton Co	10 Cross Rd Plaza, W. Hartford, Conn	
Ga	Norton Co	5200 Peachtree Rd, Chamblee, Ga	
Ill	Norton Co	4737 S. Christiana Ave, Chicago, Ill	
Ind	Norton Co	1301 W. 16th St, Indianapolis, Ind	
Mich	Norton Co	5825 Lincoln Ave, Detroit 8, Mich	
Mo	Norton Co	4905 Bingham Ave, St. Louis, Mo	
NY	Norton Co	Green & North St, Teterboro, NJ	
Ohio	Norton Co	1306 E. 55th St, Cleveland 3, Ohio	
Pa	Norton Co	4732 Stenton Ave, Philadelphia, Pa	
Pa	Norton Co	1120 Butler Plank Rd, Pittsburgh, Pa	
	NORTRONICS CO., INC	**1017 S.Sixth St, Minneapolis 4, Minn**	**FE9-7417**
	J Worrell #5 *105 770		
Alaska	Dave Champlin Co	12528 22nd N.E., Seattle 55, Wash	EM2-0401
Ariz	Barstow & Doran Inc	647 Avenida Feliz, Tucson, Ariz	MA2-6351
Cal	Barstow & Doran Inc	1406 S. Grand Ave, Los Angeles, Cal	RI9-0438
Cal	Nickerson-Gray & Assoc Inc	2434 Park Blvd, Palo Alto, Cal	DA6-0152
Conn	Abbott & Hustis	Box 293, Needham, Mass	HI4-5470
Fla	Winfield Electronic Sales Co	666 N. E. 125th St, N. Miami, Fla	PL1-5566
Hawaii	Barstow & Doran Inc	98-136 Hekada St, Aiea, Hawaii	504-138
Idaho	Dave Champlin Co	12528 22nd N.E., Seattle 55, Wash	EM2-0401
Ill	Irving W Rose	126 Merchandise Mart, Chicago 54, Ill	SU7-5246
Ind	Edwards & Lohse & Co	2123 E 9th St, Cleveland 15, Ohio	TO1-5753
Iowa	Robert Shaw Co	7800 Kenridge Ln, Webster Groves 19, Mo	WO2-4590
Kan	Robert Shaw Co	7800 Kenridge Ln, Webster Groves 19, Mo	WO2-4590
Me	Abbott & Hustis	Box 293, Needham, Mass	HI4-5470
Mass	Abbott & Hustis	Box 293, Needham	HI4-5470
Mich	Burcaw-Cowan & Co	22128 Grand River Ave, Detroit, Mich	KE3-7700
Minn	Clothier Sales Co	12 W. 58th, Minneapolis, Minn	TA5-1234
Mo	Robert Shaw Co	7800 Kenridge Ln, Webster Groves 19, Mo	WO2-4590
Mont	Dave Champlin Co	12528 22nd N.E., Seattle 55, Wash	EM2-0401
Neb	Robert Shaw Co	7800 Kenridge Ln, Webster Groves 19, Mo	WO2-4590
Nev	Nickerson-Gray & Assoc	2434 Park Blvd, Palo Alto, Cal	DA6-0152
Nev	Barstow & Doran Inc	1406 S. Grand Ave, Los Angeles 15, Cal	RI9-0438
NH	Abbott-Hustis	Box 293, Needham, Mass	HI4-5470
NJ	Fields & Simon Sales Co	109 Valley Rd, Montclair, NJ	PI6-6717
NY	Fields & Simon Sales Co	109 Valley Rd, Montclair, NJ	PI6-6717
ND	Clothier Sales Co	12 W. 58th, Minneapolis, Minn	TA5-1234
Ohio	Edwards-Lohse & Co	2123 E. 9th St, Cleveland 15, Ohio	TO1-5753
Ore	Dave Champlin Co	12528 - 22nd N.E., Seattle 55, Wash	EM2-0401
Pa	Edwards-Lohse & Co	2123 E. 9th St, Cleveland 15, Ohio	TO1-5753
RI	Abbott & Hustis	Box 293, Needham, Mass	HI4-5470
SD	Clothier Sales Co	12 West 58th, Minneapolis, Minn	TA5-1234
Vt	Abbott & Hustis	Box 293, Needham, Mass	HI4-5470
Wash	Dave Champlin Co	12528 22nd N.E., Seattle 55, Wash	EM2-0401
W. Va	Edwards-Lohse & Co	2123 E. 9th St, Cleveland 15, Ohio	TO1-5753
Wisc	Irving W Rose	126 Merchandise Mart, Chicago 54, Ill	SU7-5246
	NORTRONICS DIV NORTHROP CORP	**222 N Prairie Ave, Hawthorne, Cal**	**OR8-9111**
	R Ringle #1200 *6000 G 35-190-338-775-780-885-895-1410		
Ala	Northrop Corp	3322 Memorial Parkway, Huntsville	JE9-4481
Cal	Northrop Corp	9744 Wilshire Blvd. Beverly Hills	CR4-8061
DC	Northrop Corp	1730 "K" St. NW, Wash 6	FE8-8840
Mass	Northrop Corp	100 Morse St. Norwood	NO7-5300
Neb	Northrop Corp	8401 Dodge St. Omaha	391-7474
Ohio	Northrop Corp	349 W 1st St. Dayton 2	BA2-7805
Okla	Northrop Corp	7018 SE 15th St. Midwest City 10	PE7-2926
Tex	Northrop Corp	Martin-Pecan Soldad Sts. San Antonio 5	CA3-9519
Utah	Northrop Corp	Annex 1st Security Bldg. Ogden	EX4-9463
Wash	Northrop Corp	10203 NE 1st St. Bellevue	GL4-7474
For	Northrop Corp	12 Ave Hoche, Paris 8e, Fr	CA90-70
	NOTHELFER WINDING LABS INC	**P. O. Box 455, Trenton 3, NJ**	**TU2-2500**
	C Soleskey #4 *50 D 895-1855		
	NOVICOR ELECTRONICS INC	**3000 Ind. Blvd. Bethel Park, Pa**	
	P Faye #2 *23 C 1880		
	NUCLEAR-CHICAGO CORPORATION	**333 E. Howard Ave, Des Plaines, Ill**	**VA7-4456**
	M Shepherd #35 *375 F 250-360-410-895-1810-1880		
Cal	Nuclear-Chicago Corp	1063 Colorado Blvd, Los Angeles 41	CL5-4711
Cal	Nuclear-Chicago Corp	205 E. Third Ave, San Mateo, Cal	DI4-7011
Colo	Nuclear-Chicago Corp	216 Clayton, Denver	DE3-8276
DC	Nuclear-Chicago Corp	912 Thayer Ave. Silver Spring, Md	JU8-2862
Ga	Nuclear-Chicago Corp	3160 Maple Dr, N.E., Atlanta 5, Ga	CE7-0151
Ill	Nuclear-Chicago Corp	5759 N. Lincoln Ave, Chicago 45, Ill	LO1-0626
Mass	Nuclear-Chicago Corp	751 Main St, Waltham 54, Mass	TW4-7733
NY	Nuclear-Chicago Corp	1449 E. Gunhill Rd, New York 69, NY	TU1-2211
Tex	Nuclear-Chicago Corp	5738 N. Central Expwy, Dallas 6, Tex	TA4-1829
	NUCLEAR CORP OF AMERICA	**2 Richwood Pl, Denville, NJ**	**OA7-4200**
	250-360-895		
Ark	Atomasters-Buntaine Corp	11 W. Jewell Ave, St. Louis 22, Mo	TA2-1961
Ind	Atomasters-Buntaine Corp	11 W. Jewell Ave, St. Louis 22, Mo	TA2-1961
Kan	Atomasters-Buntaine Corp	11 W. Jewell Ave, St. Louis 22, Mo	TA2-1961
Ky	Atomasters-Buntaine Corp	11 W. Jewell Ave, St. Louis 22, Mo	TA2-1961
Mass	Brager Instrument Sales Co., Inc	48 Pond St, Brookline, Mass	
Minn	Atomasters-Buntaine Corp	11 W. Jewell Ave, St. Louis 22, Mo	TA2-1961
Mo	Atomasters-Buntaine Corp	11 W. Jewell Ave, St. Louis 22, Mo	TA2-1961
Neb	Atomasters-Buntaine Corp	11 W. Jewell Ave, St. Louis 22, Mo	TA2-1961
NJ	Robert Marshall	201 S. Broadway, Camden 3, NJ	
Ohio	Atomasters-Buntaine Corp	11 W. Jewell Ave, St. Louis 22, Mo	TA2-1961
Pa	Atomasters-Buntaine Corp	11 W. Jewell Ave, St. Louis 22, Mo	TA2-1961
Pa	Robert Marshall	201 S. Broadway, Camden 3, NJ	
Canada	X-Ray & Radium Co.	Toronto, Canada	
Foreign	Tel-Tech Inc	431-5th Ave, New York 16, NY	
	NUCLEAR DEVELOPMENT LAB INC	**Box 7034, Kansas City 13, Mo**	**DE3-7692**
	M Test #1 *2 A 895-1880		
	NUCLEAR ELECTRONICS CORP	**2925 N. Broad St, Philadelphia 32, Pa**	**BA6-2300**
	L Dannenbaum #12 *75 E 250-275-325-360-895-915-1425		
Ark	Atomasters-Buntaine Corp	111 W. Jewel Ave, St. Louis 22, Mo	TA2-1961
Colo	Elton K Kelley	330 E. 4th St, Loveland, Colo	NO7-1376
Conn	Lin Associates	76 Strathmore Rd, Brighton 46, Mass	BE2-9446
Del	Vincent Keenan	32 Hardy Rd, Levittown, Pa	WI5-0102
Idaho	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Ill	Atomasters-Buntaine Corp	111 W. Jewel Ave, St. Louis 22, Mo	TA2-1961
Ind	Atomasters-Buntaine Corp	111 W. Jewel Ave, St. Louis 22, Mo	TA2-1961
Iowa	Atomasters-Buntaine Corp	111 W. Jewel Ave, St. Louis 22, Mo	TA2-1961
Kan	Atomasters-Buntaine Corp	111 W. Jewel Ave, St. Louis 22, Mo	TA2-1961
Ky	Atomasters-Buntaine Corp	111 W. Jewel Ave, St. Louis 22, Mo	TA2-1961
Mass	Lin Associates	76 Strathmore Rd, Brighton 45, Mass	BE2-9446
Me	Lin Associates	76 Strathmore Rd, Brighton 46, Mass	BE2-9446
Mich	Atomasters-Buntaine Corp	111 W. Jewel Ave, St. Louis 22, Mo	TA2-1961
Minn	Atomasters-Buntaine Corp	111 W. Jewel Ave, St. Louis 22, Mo	TA2-1961
Mo	Atomasters-Buntaine Corp	111 W. Jewel Ave, St. Louis 22, Mo	TA2-1961
Mont	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
NH	Lin Associates	76 Strathmore Rd, Brighton 46, Mass	BE2-9446
NJ	Nat Alexander Co Inc	Laurel Springs	ST3-0720
NJ	Shirdan Corp	Rt 46 at Dye Ave, E Paterson	SW6-6600
NJ	Marcy Associates	1776 Broadway, New York, NY	CI5-3880
NM	Elton K Kelley	330 E. Fourth St, Loveland, Colo	NO7-1376
NY	Shirdan Corp	Rt 46 at Dye Ave, E Paterson, NJ	SW6-6600
NY	C H Chaney Co Inc	P O Bldg, Flourtown, Pa	CH8-3232
NY	Perley W Tribou	145 W Fillmore Ave, E Aurora	
NY	Marcy Associates	1776 Broadway, New York, NY	CI5-3880
Ohio	Atomasters-Buntaine Corp	111 W. Jewel Ave, St. Louis 22, Mo	TA2-1961
Okla	Atomasters-Buntaine Corp	111 W. Jewel Ave, St. Louis 22, Mo	TA2-1961
Ore	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Pa	Nat Alexander Co Inc	Laurel Springs, NJ	ST3-0720
Pa	Chester Hartman	324 Maryland Ave, York	8-1060
Pa	Vincent Keenan	32 Hardy Rd, Levittown	WI5-0102
Pa	C H Chaney Co Inc	P O Bldg, Flourtown	CH8-3232
Pa	Arthur C Page Assoc	Box 25, Dravosburg	HO6-4774
RI	Lin Associates	76 Strathmore Rd, Brighton 46, Mass	BE2-9446
Tex	R E Salter	208 Sidney St, Houston 3, Tex	WA3-8720
Utah	Elton K Kelley	330 E. Fourth St, Loveland, Colo	NO7-1376
Vt	Lin Associates	76 Strathmore Rd, Brighton 46, Mass	BE2-9446
Va	C H Chaney Co Inc	P O Bldg, Flourtown, Pa	CH8-3232
Wash	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
W. Va	Atomasters-Buntaine Corp	111 W. Jewel Ave, St. Louis 22, Mo	TA2-1961
Wisc	Atomasters-Buntaine Corp	111 W. Jewel Ave, St. Louis 22, Mo	TA2-1961
Wyo	Elton K Kelley	330 E. Fourth St, Loveland, Colo	NO7-1376
Canada	Electrodesign	9124 St. Lawrence Blvd, Montreal, Que	DU9-5914
Foreign	Ad Auriema Inc	85 Broad St, New York 4, NY	BO9-7750
	NUCLEAR MEASUREMENTS CORP	**2463 N. Arlington, Indianapolis 18, Ind**	**LI6-2415**
	C Kegley 255-338-895-1575-1880		
Ariz	Carl Hermann Assoc	551 E. Walnut St. Pasadena, Cal	MU1-5111
Ark	Atomasters-Buntaine Corp	111 W. Jewel Ave. St. Louis 22, Mo	TA2-1961
Cal	Carl Hermann Assoc	Box 1179, Palo Alto	DA6-6033
Cal	Carl Hermann Assoc	551 E. Walnut St. Pasadena	MU1-5111
Colo	Carl Hermann Assoc	9562 Ash Creek Dr. Dallas 28, Tex	RI7-5004
Colo	Uranium Corner	2153 Broadway, Denver, Colo	TA5-4841
Conn	Nucleonic Distributors Inc	79 Clifton Ave, Marblehead, Mass	NE1-0637
Del	McDonald Sales Co	Delsea Dr. Westville Grove, NJ	TI5-1895
DC	Hildenbrand Co	P.O.Box 1060, Fairfax, Va	CR3-2334
Hawaii	Rocke International	13 E. 40th, New York City	MU9-0200
Idah	Carl Hermann Assoc	Box 1179, Palo Alto, Cal	DA6-6033
Ill	Atomasters-Buntaine Corp	111 W. Jewel Ave. St. Louis, Mo	TA2-1961
Iowa	Atomasters-Buntaine Corp	111 W. Jewel Ave. St. Louis 22, Mo	TA2-1961
Kan	Atomasters-Buntaine Corp	111 W. Jewel Ave. St. Louis 22, Mo	TA2-1961
La	Carl Hermann Assoc	9562 Ash Creek Dr. Dallas 28, Tex	RI7-5004
Me	Nucleonic Distributors	79 Clifton Ave, Marblehead, Mass	NE1-0637
Md	Hildenbrand Co	P.O.Box 1060, Fairfax, Va	CR3-2334
Mass	Nucleonic Distributors	79 Clifton Ave, Marblehead, Mass	NE1-0637
Mich	Martin Vogt	2817 Bamlet Rd. Royal Oak	LI9-3355
Mo	Atomasters-Buntaine Corp	111 W. Jewel Ave. St. Louis 22	TA2-1961
Mont	Carl Hermann Assoc	Box 1179, Palo Alto, Cal	DA6-6033
Neb	Atomasters-Buntaine Corp	111 W. Jewel Ave. St. Louis 22, Mo	TA2-1961
Nev	Carl Hermann Assoc	Box 1179, Palo Alto, Cal	DA6-6033
Nev	Carl Hermann Assoc	551 E. Walnut St. Pasadena, Cal	MU1-5111
NH	Nucleonic Distributors	79 Clifton Ave, Marblehead, Mass	NE1-0637
NJ	Wm Kramer	P.O. Box 164, Levittown, NY	PE1-0445
NJ	McDonald Sales Co	Delsea Dr. Westville Grove	TI5-1895
NM	Carl Hermann Assoc	9562 Ash Creek Dr. Dallas 28, Tex	RI7-5004
NY	Nucleonic Distributors Inc	79 Clifton Ave. Marblehead, Mass	NE1-0637
NY	Nucleonic Distributors	79 Clifton, Marblehead, Mass	NE1-0637
NY	William Kramer	P.O. Box 164, Levittown, NY	PE1-0445
Ohio	Lael Associates	2255 Bellfield, Cleveland Heights, Ohio	YE2-3220
Ore	Carl Hermann Assoc	Box 1179, Palo Alto, Cal	DA6-6033
Pa	McDonald Sales Co	Delsea Dr. Westville Grove, NJ	TI5-1895
RI	Nucleonic Distributors	79 Clifton Ave, Marblehead, Mass	NE1-0637
Tex	Carl Hermann Assoc	9562 Ash Creek Dr. Dallas 28	RI7-5004
Utah	Carl Hermann Associates	Box 1179, Palo Alto, Cal	DO3-2793
Utah	Carl Hermann Assoc	Box 1179, Palo Alto, Cal	DA6-6033
Vt	Nucleonic Distributors	79 Clifton, Marblehead, Mass	NE1-0637
Va	Hildenbrand Co	Box 1060, Fairfax, Va	CR3-2334
Wash	Carl Hermann Assoc	Box 1179, Palo Alto, Cal	DA6-6033
W.Va	Hildenbrand Co	Box 1060, Fairfax, Va	CR3-2334
Wyo	Carl Hermann Assoc	Box 1179, Palo Alto, Cal	DA6-6033
Foreign	Rocke International J deBarros	13 E. 40th St, New York City	MU9-0200
	NUCLEONIC PRODUCTS CO. INC	**3133 E 12th St. Los Angeles 23, Cal**	**AN8-3464**
	A Jelles E 220-235-500-1085-1445-1790-1860-1925		
Conn	Sales Assoc of New England	106 Woodlawn St, W Hartford	
Ill	Proctor Sales Co	3401 W. Diversey Ave, Chicago 47, Ill	HU9-2700
Ind	Jack Weber	9807 El Rico Rd, Indianapolis 27, Ind	VI6-0504
Mass	Sales Assoc of New England	30 Chester St, Somerville 44	
NJ	S S Egert Co	17 Reade St, New York 13, NY	WO4-0996
NJ	A Wettenhahn Co	538 Buena Vista, Maple Shade, NJ	NO2-1611
NY	Samuel S Egert Co	17 Reade St, New York 13, NY	WO4-0996
Ohio	Walter J Brauer & Associates	15411 Lakewood Hgts Blvd, Cleveland 7	LA1-7250
Pa	A Wettenhahn Co	538 Buena Vista Ave, Maple Shade, NJ	NO2-1611
Canada	J B Smyth	380 Craig St, W., Montreal, Canada	AV8-6281

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
	NUGENT ELECTRONICS CO., INC.	**802 E Eighth St, New Albany, Ind**	**WH5-0211**
	J Robinson #5 *33 C 40-200-338-340-345-360-365-385-875-910-945-1235-1370-1430-1630-1870		
Cal	Ash M Wood Co	Box 1158, Arcadia	AT7-1249
Cal	Featherstone & Salisbury Co	1355 Market St, San Francisco 3, Cal	HL2-2311
Fla	Paul Griffin	5603 Florida Ave, Tampa	36-6652
Ill	Midwest Electronics Sales	3830 N. North Ave, Chicago 47	CA7-7222
Ind	Warner, Keeler & Assoc	Box 338 S, Whitley	[illegible]
Ky	W F Eubank	424 Vista Ct, Mt Sterling	1-751-W
Mass	Stanley B Pierce	563 NePonset St, Norwood, Mass	NO7-3164
Minn	The Heimann Co	3711 Hawthorne Ave, Minneapolis 7, Minn	FE2-5457
Mo	Fred Somers & Co	17th & Main Sts, Kansas City, Mo	GR1-1355
NY	J P Scanlan	51 Bloomfield Pl, Rochester 20	GR3-7553
NY	C R Mayer	Box 152, Huntington	HE4-2435
NY	Diaps Corp Mfg Export Mgrs	218 E. 44th St, New York 17, NY	MU2-6755
NY	J P Scanlan	51 Bloomfield Pl, Rochester 20, NY	GR3-7553
Ohio	Jack J Hudnall	629 Lexington Ave, Terrace Park	TE1-4613
Pa	Samuel A Jeffers Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Canada	E G Lomas	377 Laurier Ave, W., Ottawa, Ontario	CE2-8504
	NU-LINE INDUSTRIES INC	**1015 S 6th St, Mnpls 4, Minn**	**FE9-8301**
	R Brown #7 *165 E 25-265-345-870-1305-1540-1545		
	NUMBERALL STAMP & TOOL CO	**Huguenot Park, Staten Island 12, NY**	**YU4-0822**
	W Beechling *30 C 595-1075-1700		
Cal	John u Bell	601 S. Vermont Ave, Los Angeles 5, Cal	DU8-7104
	NUTMEG SCREW MACHINE PRODUCTS CO	**P. O. Box 1470, Waterbury, Conn**	**PL7-1496**
	T Iorio #4 *60 D 175-785-790-895-925-955-1120-1205-1535-1760		
	NYLOK CORP., THE	**611 Industrial Ave, Paramus, NJ**	**CO1-9400**
	T Buckley #15 *150 F 1215-1535		
Ala	M J Dorne & Assoc. Inc	2927 Central Ave, Birmingham 9	TR1-7395
Ariz	Kiva Sales Co	3713 E. Indian School Rd, Phoenix, Ariz	WH5-3577
Ark	Nylok Corp., The	8046 Central Park Ave, Skokie, Ill	OR4-9680
Cal	Nylok Corp., The	133 Penn St. El Segundo	SP2-2491
Colo	Nylok Corp., The	133 Penn St. El Segundo, Cal	SP2-2491
Conn	Northeast Engineering, Inc	3013 Dowell Ave, Hamden	CH8-4481
Del	Valley Forge Associates	Arco Bldg, Devon, Pa	MU8-5103
DC	Valley Forge Associates	Arco Bldg, Devon, Pa	MU8-5103
Fla	Lynch-Gentry Assoc. Inc	7711 Central Ave, St Petersburg	DI7-5131
Idaho	Nylok Corp., The	133 Penn St. El Segundo, Cal	SP2-2491
Ill	Nylok Corp., The	8046 Central Park Ave, Skokie	OR4-9680
Ill	Strother & Assoc. Inc	5211 Lucas Hunt Rd, St Louis, Mo	PA1-5997
Ind	O E M Sales Co	P.O. Box 55202, Indpls, Ind	LI5-1267
Iowa	Nylok Corp	8046 Central Park Ave, Skokie, Ill	OR4-9680
Kan	Nylok Corp., The	8046 Central Park Ave, Skokie, Ill	OR4-9680
Ky	Monroe & Co	3329 Reading Rd, Cincinnati, Ohio	WO1-7534
Ky	Strother & Assoc. Inc	5211 Lucas Hunt Rd, St Louis, Mo	PA1-5997
Me	Northeast Engineering, Inc	3013 Dowell Ave, Hamden, Conn	CH8-4491
Md	Valley Forge Associates	Arco Bldg, Devon, Pa	MU8-5103
Mass	Northeast Engineering, Inc	3013 Dowell Ave, Hamden, Conn	CH8-4481
Mich	Gehringer & Forsyth	18150 James Couzens Hwy, Detroit 21	DI1-8500
Minn	Robert W Strellow Co., The	450 W 98th St, Minneapolis	TU8-6560
Miss	Nylok Corp., The	8046 Central Park Ave, Skokie, Ill	OR4-9980
Mo	Strother & Assoc. Inc	5211 Lucas Hunt Rd, St Louis	PA1-5997
Mont	Nylok Corp., The	133 Penn St, El Segundo, Cal	SP2-2491
Neb	Nylok Corp., The	8046 Central Park Ave, Skokie, Ill	OR4-9980
Nev	Nylok Corp., The	133 Penn St, El Segundo, Cal	SP2-2491
NH	Northeast Engineering, Inc	3013 Dowell Ave, Hamden, Conn	CH8-4491
NJ	Valley Forge Associates	Arco Bldg, Devon, Pa	MU8-5103
NY	R H Eisenhart, Inc	2915 Monroe Ave, Rochester 18	GR3-7857
NY	Northeast Services Co	1050 Eugene Dr, Schenectady	EL5-2163
NY	Northeast Engineering, Inc	3013 Dowell Ave, Hamden, Conn	CH8-4481
NM	Kiva Sales Co	3713 E. Indian School Rd, Phoenix, Ariz	WH5-3577
ND	Robert W Strellow Co., The	6227 W Greenfield Ave, Milwaukee, Wis	GR6-4004
Ohio	R D Cistone & Associates	210 Heights, Cleveland Hgts 18, Ohio	FA1-0599
Ohio	Monroe & Co	3329 Reading Rd, Cincinnati, Ohio	WO1-7534
Okla	Bolivar Engineering Sales & Service	P O Box 12284, Fort Worth, Tex	PE7-3016
Ore	Factors Inc	P.O. Box 337, Bellevue, Wash	GL4-9571
Pa	S Ray Simon & Associates	300 Michaels Dr, Irwin, Pa	OR3-9875
Pa	Valley Forge Assoc. Inc	Arco Bldg, Devon	MU8-5103
RI	Northeast Engineering, Inc	3013 Dowell Ave, Hamden, Conn	CH8-4481
Tenn	Strother & Assoc. Inc	5211 Lucas Hunt Rd, St Louis, Mo	PA1-5997
Tex	Bolivar Engineering Sales & Service	P O Box 12284, Fort Worth	PE7-3016
Utah	Nylok Corp., The	133 Penn St, El Segundo, Cal	SP2-2491
Vt	Northeast Services Co	1050 Eugene Dr, Schenectady, NY	EL5-2163
Va	Valley Forge Associates	Arco Bldg, Devon, Pa	MU8-5103
Wash	Factors Inc	P.O. Box 337, Bellevue, Wash	GL4-9571
Wis	Robert W Strellow Co., The	6227 W Greenfield Ave, Milwaukee 14	GR6-4004
Wyo	Nylok Corp., The	133 Penn St, El Segundo, Cal	SP2-2491
Foreign	Guest Keen & Nettlefolds Ltd	Box 24, Heath St, Birmingham, England	
Foreign	Simmonds S A	3 Rue S De Rothschild Suresnes, France	
Foreign	Sudd Kuhlerwolzenfabrik, GMBH	Ehrenhalde 11, Stuttgart, North Germany	
	NYLTITE CORP OF AMERICA	**282 Badger Ave, Newark 8, NJ**	**BI3-4545**
	175-770-1290-1940		
	O & M TOOL DIE & MFG CO	**3316 Palisade Ave. Union City, NJ**	**UN3-6700**
	***8 05-1120-1125-1940**		
	OMCO	**U S 93 & Los Palomas St, Kingman, Ariz**	
	895		
	OPW-JORDAN DIV DOVER CORP	**6013 Wiehe Rd. Cinc 13, Ohio**	**EL1-1352**
	N Kroes #4 *125 360-390-895		
•	**OAK MFG CO**	**Crystal Lake, Ill**	**459-5000**
	E Olewick #150 *2300 G 220-275-915-1460-1520-1735-1810-1895		
Cal	Allen-Cochrane Co	2215 S El Camino Real, San Mateo	FI5-7981
Cal	Western Control Engr	14615 Ventura Blvd, Sherman Oaks	TR3-3040
Colo	Strong & Humphrey	110 Yuma, Denver 23	SH4-1361
Conn	Richard Purinton Inc	2547 Whitney Ave, Hamden	CH8-4250
Fla	W Ben Kimberly Co	537 N Ft Harrison, Clearwater	44-7072
Ind	Morris, Cunningham & Assoc	6208 N College, Indianapolis	CL1-3022
Iowa	Engineering Services Co	1305 Oakland Drive, Cedar Rapids	EM5-6183
Kan	Engineering Services Co	247 S Pinecrest, Wichita	MU3-3751
Md	J W Steffen	4605 Old Frederick Rd, Baltimore	CE3-0906
Mass	Richard Purinton Inc	11 Muzzy St, Lexington	VO2-8360
Mo	Engineering Services Co	6717 Vernon Ave, St Louis	PA6-2233
Mo	Engineering Services Co	4950 Main St, Kansas City	JE1-7765
NJ	H G Fichter, Inc	467 Hillside Ave, Westfield	AD3-4615
NY	H G Fichter, Inc	467 Hillside Ave, Westfield, NJ	AD3-4615
NY	Schonburg-Burke Co	920 Linden Ave, Rochester	LU6-0725
Ohio	Hengen-Fairfield Co	1817 Columbus Rd, Cleveland	CH1-1018
Okla	J F McKinney Sales Co	4513 E 32nd St, Tulsa	NA7-4770
Pa	Olney Assoc	17 Washington Ave, Haddonfield, NJ	HA9-5100
Tex	J F McKinney Sales Co	3303 Chemical St, Dallas	RI1-1369
Wash	M K Widdekind Co	217 1st Ave. N, Seattle	AT4-9020
Can	Radio Components Ltd	50 Wingold, Toronto, Ont	RU1-6174
	OAKITE PRODUCTS INC	**77 Rector St, New York 6, NY**	**WH3-0940**
	W Beltzell *800 G 265-290-315-1075-1715-1915		
Cal	Oakite Products Inc	581 Market St, San Francisco 5, Cal	YU2-4382
Cal	Oakite Products Inc	1101 E. First St, Los Angeles 12, Cal	MA5-1544
Conn	Oakite Products Inc	410 Asylum St, Hartford 3, Conn	CH7-8323
Ga	Oakite Products Inc	Palmer Bldg, Atlanta 3, Ga	MU8-1995
Ill	Oakite Products Inc	410 N. Michigan Ave, Chicago 11, Ill	SU1-4058
Ky	Oakite Products, Inc	4251 Northsome Blvd, Louisville 7, Ky	TW5-7719
Mich	Oakite Products Inc	General Motors Bldg, Detroit 2, Mich	TR5-6330
Mo	Oakite Products Inc	406 W. 34th St, Kansas City 11, Mo	WE1-4619
Mo	Oakite Products Inc	111 S. Bemiston Ave, St. Louis 5, Mo	PA5-8200
NY	Oakite Products Inc	315 Alexander St, Rochester 4, NY	BA5-3177
Ohio	Oakite Products Inc	400 Euclid Ave, Cleveland 14, Ohio	CH1-0672
Pa	Oakite Products Inc	42 S. 15th St, Philadelphia 2, Pa	LO7-7880
Pa	Oakite Products Inc	723 Washington Rd, Pittsburgh 28, Pa	LO1-4611
Tex	Oakite Products Inc	1509 Main St, Dallas 1, Tex	RI7-2599
Wis	Oakite Products Inc	757 N Broadway, Milwaukee 2	BR6-7440
Can	Oakite Prods. of Canada, Ltd	4 Berkely St, Toronto 2, Ont	EM6-5084
	OAKTRON ELECTRIC CO	**Tinley Park, Ill**	
	45-320-1645-1855		
	OFFNER ELECTRONICS INC	**3906 River Rd. Schiller Park, Ill**	**GL1-0050**
	G Little 338-985		
Ala	Murphy & Cota	250 Governors Dr, S.E., Huntsville, Ala	JE6-9121
Alas	Ruth S Drake Assoc. Inc	1817 Norman St, Seattle 44, Wash	EA3-8545
Ariz	Gene French Co	138 S. 2nd, E. Salt Lake City, Utah	EM4-3057
Ark	SW Electronic Ind, Inc	273 Meadows Bldg, Dallas 6, Tex	EM3-1671
Cal	Electronic Eng. Assoc. Ltd	Box 997, San Carlos	LY3-2185
Cal	Roland Diender & Co	6313 Santa Monica Blvd, L A 38, Cal	HO9-6313
Colo	Gene French Co	Box 15275, Denver 15	MA3-1458
Conn	Instrument Assoc	734 Asylum Ave, Hartford 5, Conn	CH6-5996
Del	Gowler-Knoop Co	807 E. Seminary Rd, Towson 4, Md	EN9-3151
DC	Gowler-Knoop Co	8732 Flower Ave, Silver Spring, Md	JU5-7590
Fla	Murphy & Cota	2219 E. South St, Orlando	GA4-5633
Ga	Murphy & Cota	250 Governors Dr, S.E., Huntsville, Ala	JE6-9121
Haw	Kentron Hawaii Ltd	1140 Nuuanu St, Honolulu 14	
Idaho	Gene French Co	138 S. 2nd, E. Salt Lake City, Utah	EM4-3057
Ill	Pivan Engineering Co	3542 Peterson Ave, Chicago 45, Ill	KE9-4838
Ill	Pivan Engineering Co	6055 N. College Ave, Indpls 20, Ind	CL3-0444
Ind	Pivan Eng. Co	10102 N. College Ave, Indpls 20	VI6-1532
Iowa	Pivan Engineering Co	3542 Peterson Ave, Chicago 45, Ill	KE9-4838
Kan	Engineering Services Co	4950 Main St, Kansas City, Mo	JE1-7765
Ky	Pivan Eng. Co	10102 N. College Ave, Indpls 20, Ind	VI6-1532
Ky	Ridgway Assoc	3898 Linden Ave, Dayton 32, Ohio	CL2-5604
La	SW Electronic Ind, Inc	3815 Richmond Ave, Houston 27, Tex	MA3-5775
Me	Instrument Assoc	30 Park Ave, Arlington 74, Mass	MI8-2922
Md	Gowler-Knoop Co	807 E. Seminary Rd, Towson 4, Md	EN9-3151
Mass	Instrument Assoc	30 Park Ave, Arlington 74, Mass	MI8-2922
Mich	Ridgway Assoc	3384 Twelve Mile Rd, Berkley	LI6-3312
Miss	Murphy & Cota	250 Governors Dr, S.E., Huntsville, Ala	JE6-9121
Mo	Eng. Services Co	6717 Vernon, St. Louis 30	PA6-2233
Mo	Engineering Services Co	4950 Main St, Kansas City, Mo	JE1-7765
Mont	Ruth S Drake Assoc. Inc	1817 Norman St, Seattle 44, Wash	EA3-8545
Neb	Engineering Services Co	1305 Oakland Drive, Cedar Rapids, Iowa	EM5-6183
Nev	Gene French Co	7900 Zuni Rd, S.E., Albuquerque, NM	AM8-2478
NH	Instrument Associates	30 Park Ave, Arlington 74, Mass	MI8-2922
NJ	Gowler-Knoop Co	178 Eagle Rock Ave, Roseland, NJ	CA6-4545
NJ	Gowler-Knoop Co	835 Glenside Ave, Wyncote, Pa	TU4-8805
NM	Gene French Co	7900 Zuni Rd, S.E., Albuquerque, NM	AM8-2478
NY	SBM Assoc. Inc	1940 W. Fayette St, Syracuse	HO8-5041
NY	SBM Assoc. Inc	232 Roosevelt Dr, Utica	RE2-4410
NY	SBM Assoc. Inc	177 Winton Rd, N. Rochester 10	OL4-6440
NY	SBM Assoc. Inc	Nolan Rd, R.D. 1, Binghamton	RA2-2648
NY	Gowler-Knoop Co	178 Eagle Rock Ave, Roseland, NJ	CA6-4545
NC	Murphy & Cota	1106 Burke St, Winston-Salem, NC	PA4-0750
Ohio	Ridgway Assoc	3898 Linden Ave, Dayton 32	CL2-5604
Ohio	Ridgway Associates	5915 Schaaf Rd, Cleveland 31, Ohio	LA4-1421
Okla	SW Electronic Ind, Inc	273 Meadows Bldg, Dallas 6, Tex	EM3-1671
Ore	Ruth S Drake Assoc. Inc	1817 Norman St, Seattle 44, Wash	EA3-8545
Pa	Ridgway Associates	5915 Schaaf Rd, Cleveland 31, Ohio	LA4-1421
Pa	Gowler-Knoop Co	835 Glenside Ave, Wyncote, Pa	TU4-8805
RI	Instrument Associates	30 Park Ave, Arlington 74, Mass	MI8-2922
SC	Murphy & Cota	1106 Burke St, Winston-Salem, NC	PA4-0750
Tenn	Murphy & Cota	1106 Burke St, Winston-Salem, NC	PA4-0750
Tenn	Murphy & Cota	250 Governors Dr, S.E., Huntsville, Ala	JE6-9121
Tex	SW Electronic Ind, Inc	273 Meadows Bldg, Dallas 6	EM3-1671
Tex	Southwest Electronic Ind	3815 Richmond Ave, Houston, Tex	MA3-5775
Utah	Gene French Co	138 S. 2nd. E. Salt Lake City	EM4-3057
Vt	Instrument Associates	30 Park Ave, Arlington 74, Mass	MI8-2922
Va	Gowler-Knoop Co	8732 Flower Ave, Silver Spring, Md	JU5-7590
Wash	Ruth S Drake Assoc. Inc	1817 Norman St, Seattle 44	EA3-8545
W.Va	Ridgway Associates	5915 Schaaf Rd, Cleveland 31, Ohio	LA4-1421
Wis	Pivan Engineering Co	3542 Peterson Ave, Chicago 45, Ill	KE9-4838
Wyo	Gene French Co	Box 15275, Denver 15, Colo	MA3-1458
	OHIO CARBON CO	**12508 Berea Rd, Cleveland 11, Ohio**	**CL2-6100**
	F Aurand #11 *124 E 160-175-760-1135-1475-1485-1545		
Ala	Strauss Inc	344 Williams St, Atlanta 3, Ga	MU8-1928
Ariz	C F Bowers	544 S. San Pedro St, Los Angeles 13, Cal	MA8-2354
Cal	C F Bowers	544 S. San Pedro St, Los Angeles 13, Cal	MA8-2354
Cal	G H Eichmeyer	594 Bryant St, San Francisco 7, Cal	EX2-4898
Conn	H A Hurlbut	P.O. Box 65, Mountain Lakes, NJ	DE4-0709
Del	J F Ehlers	356 N. Gay St, Baltimore 2, Md	MU5-4523
DC	J F Ehlers	356 N. Gay St, Baltimore 2, Md	MU5-4523
Fla	B W Lewis	3411 S. Peninsula Dr, Daytona Beach, Fla	CL3-7300
Ga	Strauss Inc	344 William St, Atlanta 3, Ga	MU8-1928
Idaho	C F Bowers	544 S. San Pedro St, L A 13, Cal	MA8-2354
Ill	E & J Specialties Co	3425 W. Diversey, Chicago 47, Ill	SP2-5613-4
Ill	E & J Specialties Co	3425 W. Diversey, Chicago 47, Ill	SP2-5613
Ill	L Essner	20 N. Wacker Dr, Chicago 6, Ill	CE6-1533
La	J L Hater	2902 Bell Ave, Houston 1, Tex	CA8-6063
Me	C H MacAuley	56 Forrest St, Lexington, Mass	VO2-4576
Md	J F Ehlers	356 N. Gay St, Baltimore 2, Md	MU5-4523
Mass	C H MacAuley	56 Forrest St, Lexington, Mass	VO2-4576
Mich	U F Seltman	RFD2, Brighton, Mich	AC9-7863
Mo	F C Somers & Co	500 Davidson Bldg, Kansas City 8, Mo	GR1-1355
Neb	F C Somers & Co	500 Davidson Bldg, Kansas City 8, Mo	GR1-1355
Nev	C F Bowers	544 S. San Pedro St, L A 13, Cal	MA8-2354
NH	C H MacAuley	56 Forrest St, Lexington, Mass	VO2-4576
NJ	H A Hurlbut	P.O. Box 65, Mountain Lakes, NJ	DE4-0709
NM	C F Bowers	544 S. San Pedro St, Los Angeles 13, Cal	MA8-2354
NY	H A Hurlbut	P.O. Box 65, Mountain Lakes, NJ	DE4-0709
NC	R L Price	2815 Corbieshaw Rd, Roanoke, Va	DI3-3788
Ohio	F P Kunert	3567 Sherbrook Rd, S. Euclid 21, Ohio	EV1-6361
RI	C H MacAuley	56 Forrest St, Lexington, Mass	VO2-4576
SC	L P Tate	1985 Cascade Rd, S.W., Atlanta 11, Ga	PL3-4157
Tex	J L Hater	2902 Bell Ave, Houston 1, Tex	CA8-6063
Vt	C H MacAuley	56 Forrest St, Lexington, Mass	VO2-4576
Va	J F Ehlers	356 N. Gay St, Baltimore 2, Md	MU5-4523
Wash	Wayne C Gresham	325 Westlake Ave, N Seattle 9	MA2-4161
Wisc	H J Hoeft	3161 N. Drury Ln, Milwaukee 15, Wisc	EV3-2773
	OHIO CRANKSHAFT CO TOCCO DIV	**3800 Harvard Ave, Cleveland 5, Ohio**	**DI1-2300**
	L Schwetzer #35 *250 F 320-365-735-820-895-1075-1160		
Ala	E L Myers	P O Box 927, Cincinnati 1, Ohio	ED1-2113
Ariz	Ohio Crankshaft Co, The	2202 S Hill St, Los Angeles 7, Calif	RI9-3091
Ark	The Ohio Crankshaft Co	6600 S. Nashville Ave, Chicago 38, Ill	RE5-6646
Cal	C P Bidle	2202 S Hill St, Los Angeles 7	RI9-3091
Cal	John E Frederick	256 Sutter St, San Francisco 8, Cal	EX7-0065
Colo	The Ohio Crankshaft Co	6600 S. Nashville Ave, Chicago 38, Ill	RE5-6646
Conn	Kenneth Stumpf	980 Farmington Ave, W. Hartford, Conn	AD3-1768
Del	William M Moore	Malin Rd, Broomall, Pa	EL6-1848
DC	William M Moore	Malin Rd, Broomall, Pa	EL6-1848
Fla	W M Moore	Malin Rd, Broomall, Pa	EL6-1848
Ga	W M Moore	Malin Rd, Broomall, Pa	EL6-1848
Idaho	Ohio Crankshaft Co, The	2202 S Hill St, Los Angeles 7, Calif	RI9-3091
Ill	The Ohio Crankshaft Co	6600 S. Nashville Ave, Chicago 38, Ill	RE5-6646
Ind	The Ohio Crankshaft Co	6600 S. Nashville Ave, Chicago 38, Ill	RE5-6646
Iowa	The Ohio Crankshaft Co	6600 S. Nashville Ave, Chicago 38, Ill	RE5-6646
Kan	The Ohio Crankshaft Co	6600 S. Nashville Ave, Chicago 38, Ill	RE5-6646
Ky	Elmer L Myers	P.O. Box 927, Cincinnati 1, Ohio	ED1-2113
Ky	The Ohio Crankshaft Co	6600 S. Nashville Ave, Chicago 38, Ill	RE5-6646
La	The Ohio Crankshaft Co	2005 White Settlement Rd, Ft. Worth 14, Tex	ED5-4112
Me	Kenneth Stumpf	980 Farmington Rd, W. Hartford, Conn	AD3-1768
Md	William M Moore	Malin Rd, Broomall, Pa	EL6-1848
Mass	Kenneth Stumpf	980 Farmington Rd, W. Hartford, Conn	AD3-1768
Mich	The Ohio Crankshaft Co	30100 Stephenson Hwy, Madison Heights	JO4-6880
Minn	The Ohio Crankshaft Co	6600 S. Nashville Ave, Chicago 38, Ill	RE5-6646
Miss	E L Myers	P O Box 927, Cincinnati 1, Ohio	ED1-2113
Mo	The Ohio Crankshaft Co	6600 S. Nashville Ave, Chicago 38, Ill	RE5-6646
Mont	The Ohio Crankshaft Co	6600 S. Nashville Ave, Chicago 38, Ill	RE5-6646
Neb	The Ohio Crankshaft Co	6600 S. Nashville Ave, Chicago 38, Ill	RE5-6646
Nev	Ohio Crankshaft Co, The	2202 S Hill St, Los Angeles 7, Calif	RI9-3091
NH	Kenneth Stumpf	980 Farmington Ave, W. Hartford, Conn	AD3-1768
NJ	Irving Hochhauser	158 Diamond Ave, E. Meadow, NY	PE5-6391
NJ	William M Moore	Malin Rd, Broomall, Pa	EL6-1848
NM	Ohio Crankshaft Co, The	2202 S Hill St, Los Angeles 7, Calif	RI9-3091
NY	E R Fitzgerald	1298 Freeport Rd, Pittsburgh 38, Pa	ST2-2221
NY	Kenneth Stumpf	980 Farmington Rd, W. Hartford, Conn	AD3-1768
NY	Irving Hochhauser	158 Diamond Ave, E. Meadow, NY	PE5-6391
NC	W M Moore	Malin Rd, Broomall, Pa	EL6-1848
ND	The Ohio Crankshaft Co	6600 S. Nashville Ave, Chicago 38, Ill	RE5-6646
Ohio	Elmer L Myers	P.O. Box 927, Cincinnati 1, Ohio	ED1-2113
Okla	M H Shaw	2005 White Settlement Rd, Ft. Worth, Tex	ED5-4112
Ore	John E Frederick	256 Sutter St, San Francisco 8, Cal	EX7-0065
Pa	William M Moore	Malin Rd, Broomall, Pa	EL6-1848
Pa	E R Fitzgerald	1298 Freeport Rd, Pittsburgh 38	ST2-2221
RI	Kenneth Stumpf	980 Farmington Rd, W. Hartford, Conn	AD3-1768
SC	W M Moore	Malin Rd, Broomall, Pa	EL6-1848
SD	The Ohio Crankshaft Co	6600 S. Nashville Ave, Chicago 38, Ill	RE5-6646
Tenn	E L Myers	P O Box 927, Cincinnati 1, Ohio	ED1-2113
Tex	M H Shaw	2005 White Settlement Rd, Ft. Worth 14, Tex	ED5-4112
Utah	Ohio Crankshaft Co, The	2202 S Hill St, Los Angeles 7, Calif	RI9-3091
Vt	Kenneth Stumpf	980 Farmington Rd, W. Hartford, Conn	AD3-1768
Va	William M Moore	Malin Rd, Broomall, Pa	EL6-1848
Wash	John E Frederick	256 Sutter St, San Francisco 8, Cal	EX7-0065
W Va	E R Fitzgerald	1298 Freeport Rd, Pittsburgh 38, Pa	ST2-2221
Wisc	The Ohio Crankshaft Co	6600 S. Nashville Ave, Chicago 38, Ill	RE5-6646
Wyo	The Ohio Crankshaft Co	6600 S. Nashville Ave, Chicago 38, Ill	RE5-6646
	OHIO SEAMLESS TUBE DIV COPPERWELD STEEL CO	**Shelby, Ohio**	**3-1010**
	J Horner #10 *600 1885		
Ala	Hugo A Pils	1700 Huntsville Rd, Birmingham 1	AL1-8385
Colo	Marsh Steel & Aluminum Co	5500 Colorado Blvd, Denver	KE4-1241
Fla	A A Carlson & Associates	8821 S W 71st St, Miami	CA1-7592
Ill	Ohio Seamless Tube Div	6429 W North Ave, Chicago	AU7-4717
Ill	Ohio Seamless Tube Div	2206 17th St, Moline	2-4886
La	Ohio Seamless Tube Div	87 W Claiborne St, New Orleans	ED1-4095
Mich	Ohio Seamless Tube Div	26125 Woodward Ave Huntington Woods	JO 4-5766
Minn	Ohio Seamless Tube Div	E-707 1st Nat'l Bank Bldg, St Paul 1	CA2-1477
Mo	Ohio Seamless Tube Div	1246 Hampton Ave, St. Louis 17	MI7-1071
NY	Ohio Seamless Tube Div	667 Madison Ave, New York 21	TE8-0353
NY	Ohio Seamless Tube Div	21 Prince St, Rochester 7	BA5-7701
NC	Ohio Seamless Tube Div	424 Pecan Ave, Charlotte 4	FR6-6787
Ohio	Ohio Seamless Tube Div	3754 Lee Rd, Cleveland 20	WY1-4200
Ohio	Ohio Seamless Tube Div	3140 Salem Ave, Dayton 6	OR7-9327
Okla	Ohio Seamless Tube Div	708 Kennedy Bldg, Tulsa 3	LU7-2787
Pa	Ohio Seamless Tube Div	1 Wynnewood Rd, Phila Wynnewood	MI2-6102
Pa	Ohio Seamless Tube Div	1706 Parkwood Dr, Pittsbgh 16	FI1-1173
Tex	Ohio Seamless Tube Div	1200 Prudential Bldg, Houston 25	JA3-5561
Utah	Ohio Seamless Tube Div	334 W 4th S, Salt Lake City	DA2-5633
Va	Ohio Seamless Tube Div	608 Richmond Federal Bldg, Richmond 19	MI4-7971

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Wash	Ohio Seamless Tube Div	1214 Hoge Bldg. Seattle 4	MA4-5393
For	Copperweld Steel Intl. Co	225 Broadway New York 7, N Y	BE3-5600
•	**OHIO SEMICONDUCTORS DIV. TECUMSEH PRODS CO**	**1205 Chesapeake Ave. Columbus 12, Ohio**	**HU6-9561**
	J Eastes #15 *75 338-370-410-885-895-1125-1145		
Cal	Bill Rogers Co	219 California Dr. Burlingame	DI4-7111
Cal	Rush & Key Electronics, Inc	3376 W 1st St. Los Angeles 4	DU8-7111
Fla	William F Hemminger Co	624 NE 79th St. Miami 38	PL9-0300
Ill	Marc A Shantz	7350 Cicero Ave. Chicago 46	OR3-7000
Ind	Robert O Whitesell & Assoc	6620 Washington St. Indianapolis 18	FL9-5375
Mass	Electronic Components & Services	30 Huntington Ave. Boston 16	KE6-8581
NY	Radford Corp., The	367 Saratoga Rd. Scotia	EX9-1124
NY	Frank Tylenski Co	76-63 Bell Blvd. Bayside 64	HO4-8927
Pa	Tyler Griffin Co	32 S Fairfield Rd. Devon	MU8-4821
Wash	Seatronics, Inc	1817 Norman St. Seattle 44	EA3-8545
Wis	E A Dickinson & Assoc	4117 Green Bay Ave. Milwaukee 9	CO4-1080
•	**OHIZUMI MFG CO. LTD**	**410 Nakai-cho, Nerima-ku, Tokyo, Jap**	**571-8500**
	K Kimura #50 *300 C 1790-1925		
	OHMART CORP	**2236 Bogen St, Cincinnati, Ohio**	**PA1-2302**
	R Meador #8 *34 E 260-895-1670		
Ala	Gaugell Engineering Co., Inc	Box 4066, Birmingham 13, Ala	TR1-8443
Ala	Williams Equipment Co	3020 Scenic Hwy, Baton Rouge, La	EL-54646
Ariz	Crown Berkley Engineering Inc	2439 Riverside Dr, Los Angeles 39, Cal	NO5-1251
Ariz	STEPCO	1035 E. Side Rd, El Paso, Tex	
Ark	Engineered Instrument Sales Co	Box 9947, Memphis 12, Tenn	FA3-1275
Cal	Crown Berkley Engineering Inc	2439 Riverside Dr, Los Angeles 39, Cal	NO5-1251
Cal	MCO Eqpt Co	5373 College Ave, Oakland 9	OL5-6073
Colo	ESCO	171 Vallejo St, Denver 23, Colo	SH4-2737
Del	Penn-Del Instrument Sales Co	709 Bethlehem Pike, Philadelphia, Pa	CH7-7389
DC	George Goodman Co	103 E. 25th St, Baltimore, Md	BE5-5570
Fla	Gaugell Engineering Co., Inc	Box 4066, Birmingham 13, Ala	TR1-8443
Fla	Williams Equipment Co	3020 Scenic Hwy, Baton Rouge, La	EL-54646
Ga	Lewis W Crowe Co	111 Tuxedo Terr, N.W., Atlanta 5, Ga	CE7-9209
Hawaii	Crown Berkley Engineering Inc	Box 3854, Honolulu 12, Hawaii	
Ill	E B Miller Co	10117 Manchester Rd, St. Louis 22, Mo	YO6-8250
Ill	Epco Services, Inc	P O Box 156, Mount Prospect	
La	Industrial Scientific Inc	4543 North Blvd, Baton Rouge, La	DI8-3616
La	Williams Equipment Co	3020 Scenic Hwy, Baton Rouge, La	EL5-4646
Md	George Goodman Co	103 E. 25th St, Baltimore, Md	BE5-5570
Mass	Owen C Jones & Co	26 Thayer Rd, Waltham 54, Mass	IV9-0011
Mich	Basic Service Corp	16544 Plymouth Rd, Detroit 27, Mich	VE7-8820
Mich	Ramsey Engineering Co	1853 W. County Rd C, St. Paul 13, Minn	ME3-5150
Minn	Ramsey Engineering Co	1853 W. County Rd C, St. Paul 13, Minn	ME3-5150
Miss	Engineered Instrument Sales Co	Box 9947, Memphis 12, Tenn	FA3-1275
Miss	Williams Equipment Co	3020 Scenic Hwy, Baton Rouge, La	EL-54646
Mo	E B Miller Co	10117 Manchester Rd, St. Louis 22, Mo	YO6-8250
Nev	Crown Berkley Engineering Inc	2439 Riverside Dr, Los Angeles 39, Cal	NO5-1251
Nev	MCO Equipment Co	1960 Mountain, Oakland 11, Cal	OL5-6073
NJ	George H Birchall Co., Inc	Box 84, Westfield, NJ	AD2-3600
NJ	Penn-Del Instrument Sales Co	709 Bethlehem Pike, Philadelphia, Pa	CH7-7389
NY	George H Birchall Co., Inc	Box 84, Westfield, NJ	AD2-3600
NY	Owen C Jones & Co	26 Thayer Rd, Waltham 54, Mass	IV9-0011
NY	Ralph C Schwarz & Sons	75 College Ave, Rochester 7, NY	BR4696
NY	Ralph C Schwarz & Sons	258 Forbes Ave, Tonawanda	NX3-7433
NC	MacGuire Instrument Co	3214 Highview Rd, Charlotte, NC	EM6-3454
ND	Ramsey Engineering Co	1853 W. County Rd C, St. Paul 13, Minn	ME3-5150
Ohio	Biltmore Products Co., Inc	1501 Potomac Ave, Pittsburgh 16, Pa	LO3-0808
Ohio	Process Valve & Equipment Co	4517 Brook Park, Cleveland 34, Ohio	
Ohio	R E Surkamp Co	7703 Blue Ash Rd, Cincinnati 36, Ohio	TW1-1838
Okla	Paul King Co	826 N. Fulton, Tulsa 15, Okla	TE6-2501
Ore	Fryer & Co., Inc	2035 S.W. 58th Ave, Portland 1, Ore	CA6-3733
Ore	R E Donelson Co	P O Box 5795, Portland 22	OL4-0152
Pa	Biltmore Products Co., Inc	1501 Potomac Ave, Pittsburgh 16, Pa	LO3-0808
Pa	Penn-Del Instrument Sales Co	709 Bethlehem Pike, Philadelphia, Pa	CH7-7389
SC	MacGuire Instrument Co	3214 Highview Rd, Charlotte, NC	EM6-3454
SD	Ramsey Engineering Co	1853 W. County Rd C, St. Paul 13, Minn	ME3-5150
Tenn	Lewis W Crowe Co	111 Tuxedo Terr, N.W., Atlanta 5, Ga	CE7-9209
Tenn	Engineered Instrument Sales Co	P O Box 3944, Lamar Sta. Memphis	FA4-3871
Tex	Pen-Tech Engineering Co	3302 Mercer St. Houston 27	JA6-4623
Tex	Industrial Scientific Inc	317 Nagle St, Houston 1, Tex	CA8-0376
Tex	Paul King Co	826 N. Fulton, Tulsa 15, Okla	TE6-2501
Tex	STEPCO	1035 E. Side Rd, El Paso, Tex	
Va	George Goodman Co	103 E. 25th St, Baltimore, Md	BE5-5570
Wash	Fryer & Co., Inc	2035 S.W. 58th Ave, Portland 1, Ore	CA6-3733
W. Va	Biltmore Products Co., Inc	1501 Potomac Ave, Pittsburgh 16, Pa	LO3-0808
W. Va	George Goodman Co	103 E. 25th St, Baltimore, Md	BE5-5570
Wisc	Ramsey Engineering Co	1853 W. County Rd C, St. Paul 13, Minn	ME3-5150
Wyo	ESCO	171 Vallejo St, Denver 23, Colo	SH4-2737
Canada	Industrial Projects Ltd	2052 St. Catherine, W., Montreal, P Q, Canada	
Canada	Industrial Projects Ltd	48 Sherbourne St, Toronto, Ontario, Canada	
For	Foxall Instruments Pty. Ltd	1217 High St. Victoria, Aust	JY-3235
For	Proyectos Erecc Y Maquinarias, CA	Box 4163, Caracas, Venezuela	
Foreign	Controls & Instruments Co	15 E. 40th St, New York 16, NY	
Foreign	Schultz	Lago, Xochimilco 345, Mexico 5, DF	
•	**OHMITE MFG CO**	**3601 Howard St, Skokie, Ill**	**OR5-2600**
	#40 *1,000 50-220-320-360-500-515-895-1045-1330-1460-1475-1480-1735-1855		
Ala	Stanley K Wallace Associates Inc	Box 67, Lutz, Fla	WE9-3241
Alaska	Marsh Agencies Inc	2601 First Ave, Seattle 1, Wash	MA2-8761
Ariz	Shefler-Kahn Co	240 S. First Ave, Phoenix, Ariz	AL8-7893
Ark	Cartwright & Bean	560 Cooper St, Memphis 4, Tenn	BR5-1914
Ark	Cartwright & Bean	560 Cooper St. Memphis 4, Tenn	BR6-4442
Cal	Belchamber & French	3944 El Camino Real, Palo Alto	DA1-6953
Cal	Ohmite Mfg Co	1562 N Gower St. Hollywood 28	HO6-3434
Cal	Herb Becker Co., Inc	1140 Crenshaw Blvd, Los Angeles 19	WE1-1257
Colo	McLoud & Raymond Co	2151 S Grape St. Denver 22	SK6-1589
Conn	Paul R Sturgeon Inc	25 Huntington Ave, Boston 16, Mass	CO6-7705
Del	Samuel K MacDonald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
DC	Samuel K MacDonald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
Fla	Stanley K Wallace Associates Inc	Box 67, Lutz, Fla	WE9-3241
Ga	Stanley K Wallace Associates Inc	Box 67, Lutz, Fla	WE9-3241
Hawaii	Jim Hastin Sales Co	235 Cooke St, Honolulu, Hawaii	
Idah	McLoud & Raymond Co	2151 S Grape St. Denver 22, Colo	SK6-1589
Idaho	Marsh Agencies Inc	2601 1st Ave, Seattle 1, Wash	MA2-8761
Ind	Forrest C Valentine Inc	511-512 Ft. Wayne Bk Bldg, Ft. Wayne	AN9122
Ind	McFadden Sales Co	150 E. Broad St, Columbus 15, Ohio	CA1-3363
Iowa	Russ D Sebright & Co	7120 W. Florissant Ave, St. Louis 20, Mo	CO1-0055
Kan	H A Ross & Co	2601 Cherry St, Kansas City 8, Mo	BA1-0866
Ky	Forrest C Valentine Inc	511 Ft. Wayne Bk Bldg, Ft. Wayne, Ind	AN9122
Ky	McFadden Sales Co	150 E. Broad St, Columbus 15, Ohio	CA1-3363
La	Cartwright & Bean	560 Cooper St, Memphis 4, Tenn	BR6-4442
Me	Paul R Sturgeon Inc	25 Huntington Ave, Boston 16, Mass	CO6-7705
Md	Samuel K MacDonald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
Mass	Paul R Sturgeon Inc	25 Huntington Ave, Boston 16, Mass	CO6-7705
Mich	Ohmite Mfg Co	26101 Grand River, Detroit 40	KE7-3960
Minn	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis 16	WE9-6727
Miss	Cartwright & Bean	560 Cooper St, Memphis 4, Tenn	BR6-4442
Mo	H A Ross & Co	2601 Cherry St, Kansas City 8, Mo	BA1-0866
Mo	Russ D Sebright & Co	7120 W. Florissant Ave, St. Louis 20, Mo	CO1-0055
Mont	Marsh Agencies Inc	2601 1st Ave, Seattle 1, Wash	MA2-8761
Mont	McLoud & Raymond Co	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
Mont	McLoud & Raymond Co	2151 S Grape St, Denver 22, Colo	SK6-1589
Neb	H A Ross & Co	2601 Cherry St, Kansas City 8, Mo	BA1-0866
Nev	Belchamber & French	1485 Bayshore Blvd, San Franc 24, Cal	JU6-0406
Nev	Belchamber & French	3944 El Camino Real, Palo Alto, Cal	DA1-6953
Nev	Shefler-Kahn Co	240 S 1st Ave, Phoenix, Ariz	AL8-7893
NH	Paul R Sturgeon Inc	25 Huntington Ave, Boston 16, Mass	CO6-7705
NJ	Samuel K MacDonald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
NJ	Ohmite Mfg Co	318 Bergen Blvd, Palisades Park, NJ	WI7-1777
NM	Shefler-Kahn Co	240 S. 1st Ave, Phoenix, Ariz	AL8-7893
NY	Ohmite Mfg Co	318 Bergen Blvd, Palisades Park, NJ	LO3-7371
NY	Ohmite Mfg Co	3700 E Ave. Rochester 18	DU1-1890
NC	Cartwright & Bean	560 Cooper St, Memphis 4, Tenn	BR6-4442
ND	Fred B Hill Co	6110 Excelsior Blvd, Minnpls 16, Minn	WE9-6727
Ohio	Ohmite Mfg Co	21877 Euclid Ave, Cleveland 17	IV1-7626
Ohio	Forrest C Valentine Inc	511 Ft. Wayne Bk Bldg, Ft. Wayne, Ind	AN9122
Ohio	McFadden Sales Co	150 E. Broad St, Columbus 15, Ohio	CA1-3363
Okla	H A Ross & Co	2601 Cherry St, Kansas City 8, Mo	BA1-0866
Ore	Marsh Agencies Inc	2601 1st Ave, Seattle 1, Wash	MA2-8761
Pa	Samuel K MacDonald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
Pa	McFadden Sales Co	150 E. Broad St, Columbus 15, Ohio	CA1-3363
RI	Paul R Sturgeon Inc	25 Huntington Ave, Boston 16, Mass	CO6-7705
SC	Cartwright & Bean	560 Cooper St, Memphis 4, Tenn	BR6-4442
SD	Fred B Hill Co	6110 Excelsior Blvd, Minnpls 16, Minn	WE9-6727
Tenn	Cartwright & Bean	560 Cooper St, Memphis 4	BR6-4442
Tex	J Earl Smith Co	6211 Denton Dr, Dallas, Tex	FL7-1727
Utah	McLoud & Raymond Co	2151 S Grape St. Denver 22, Colo	SK6-1589
Vt	Paul R Sturgeon Inc	25 Huntington Ave, Boston 16, Mass	CO5-7705
Va	Samuel K MacDonald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
Wash	Marsh Agencies Inc	2601 1st Ave, Seattle 1, Wash	MA2-8761
W. Va	Samuel K MacDonald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
Wisc	Fred B Hill Co	6110 Excelsior Blvd, Minnpls 16, Minn	WE9-6727
Wyo	McLoud & Raymond Co	2151 S Grape St, Denver 22, Colo	SK6-1589
Canada	A C Simmonds & Sons Ltd	100 Merton St, Toronto 7, Ont, Canada	HU5-9111
Canada	C M Robinson Co	1550 Erin St, Winnipeg 3, Manitoba, Can	SP4-1855
	OHMWEYE CO., INC.	**43 Darcy St, West Hartford 10, Conn**	**AD2-1104**
	B Olsson #2 *6 820-1475		
	OILGEAR CO.	**1560 W.Pierce St, Milwaukee, Wisc**	**MI5-6715**
	M Engerbretson #50 *450 20-535-895-1550-1555-1920		
Cal	Oilgear Co	5327 Santa Monica Blvd, L A 29, Cal	HO5-3943
Ill	Oilgear Company, The	53 E St. Charles Rd. Villa Park	BR9-4650
Mass	Oilgear Co Servo Control Div	160 Bear Hill Rd, Waltham, Mass	TW4-6973
Mich	J H Ferguson Machinery Inc	19133 James Couzens Hwy. Detroit 35	DI1-5518
NJ	Oilgear Co	570 N. Broad St, Elizabeth, NJ	EL2-0313
NY	Oilgear Company, The	610 Englewood Ave. Buffalo 23	TF2-0575
Ohio	Oilgear Co	3109 Mayfield Rd, Cleveland, Ohio	FA1-7878
Ohio	Oilgear Co	1720 Section Rd, Cincinnati, Ohio	RE1-5520
Tex	Oilgear Co	4402 Richmond Ave, Houston, Tex	MA3-9348
Wash	Oilgear Co	914 Arctic Bldg, Seattle 4, Wash	MA2-7445
Foreign	Weatherly Oilgear Ltd	Biggleswade, Beds, England	
Foreign	The Oilgear Co	1, 2-Chome, Shiomi-Cho, Mizoho-Ku, Nagoya, Japan	
•	**OKI ELECTRIC INDUSTRY CO. LTD**	**10 Shiba Takahama-cho, Minato-ku, Tokyo, Jap**	**451-2191**
	S Shimozaki #1,646 *7,174 G 220-325-338-365-895-910-945-1135-1395-1425-1460-1765-1770-1845-1860-1870		
	OKI & WILLADSEN LTD	**47 Crockford Blvd. Scarborough, Ont**	**PL7-6263**
	F Butcher #4 *130 D		
	OKONITE CO	**1961 Canal St, Passaic, NJ**	**PR7-0400**
	H Bush *2500 G 190-1125-1755-1960		
	OLYMPIC INSTRUMENTS INC	**Dept 527, Vashon, Wash**	**HO3-5641**
	C Crecelius #1 *5 A 1075-1450		
Cal	Ernst F Haid Co	735 Tehama St. SF 3	MA1-0832
Cal	National Wire & Cable Corp	136 San Fernando Rd, Los Angeles 31	CA5-5611
Fla	Westinghouse Elec Supply Co	Box 397, Biscayne Annex, Miami 52, Fla	NE5-3271
Ill	Clyde W Lint	2323 W. 18th St, Chicago 8, Ill	TA9-1142
Pa	Stuart N Mills	Box 408, Rosemont, Pa	LA5-4778
	OLYMPIC PLASTICS CO INC	**3471 S La Cienega Blvd. LA 16, Cal**	**UPO-1121**
	H Rome *225 E 285-445-1135-1290-1785		
	OLYMPIC PRODUCTS CO., INC	**Third Ave, Alpha, NJ**	**GL4-1193**
	H Torleski #3 *60 135-790-800-825-1575		
Cal	Electrical Specialty Co	2820 E. 12th St, Los Angeles, Cal	AN5-9511
Cal	Electrical Specialty Co	158-168 Eleventh St, San Francisco, Cal	HE1-8450
Colo	Electrical Specialty Co	2026 Arapahoe St, Denver, Colo	CH4-4588
Fla	George Bohman	1239 New Castle Dr, Orlando	GA4-2076
Mich	Cliff Heckenberg Assoc	106 S Woodward Ave, Birmingham	MI7-1172
Minn	Fred Peterson	2431 Hennepin Ave, Minneapolis, Minn	FR7-3025
NH	Fred R Lesser	14 Victoria St, Manchester	NA2-3464
NY	Hamilton Electronic Labs	560 Freeman St, Orange, NJ	OR6-5656
Ore	Electrical Specialty Co	212 Northwest 14th Ave, Portland, Ore	CA7-3188
Pa	John W Kight	4 Longfellow Rd, Pittsburgh	ST1-8304
Tex	Engineering Associates Inc	2912 Stanley, Ft. Worth, Tex	WA3-7386
Wash	Electrical Specialty Co	2442 First Ave, S., Seattle, Wash	MA3-8061
	OLYMPIC RADIO & TV DIV SIEGLER CORP	**34-01 38th Ave. LIC 1, NY**	**EX2-5200**
	#80 *1,200 G 45-325-338-895-1255-1395-1425-1435-1850-1870		
•	**OMEGA LABORATORIES INC**	**Box 309, Rowley, Mass**	**WH8-7757**
	H Ribbel #4 *30 C 25-285-845-895-1045-1135-1145-1170-1705		
	OMNITRONICS INC. SUB. BORG-WARNER	**511 N. Broad St. Phila 23, Pa**	**WA5-4343**
	B Adams #1,000 *31,000 G 338		
Ala	E G Holmes & Assoc	4969 Roswell Rd. NE. Atlanta, Ga	BL5-6660
Ark	Arnold Barnes Co	3603 Lemmon Ave. Dallas, Tex	LA6-8735
Cal	Luscombe Eng. Co	1020 S. Arroyo Pkwy. Pasadena	MU2-3066
Conn	Burlingame Assoc	510 S. Fulton Ave. Mt. Vernon, NY	MO4-7530
Del	Burlingame Assoc	8218 Wisc. Ave. Wash, DC	OL4-6400
DC	Burlingame Assoc	8218 Wisc. Ave. Wash	OL4-6400
Fla	E G Holmes & Assoc	1220 Edgewater Dr. Orlando	CH1-2128
Ga	E G Holmes & Assoc	4969 Roswell Rd. NE, Atlanta	BL5-6660
La	Arnold Barnes Co	3603 Lemmon Ave. Dallas, Tex	LA6-8735
Me	Burlingame Assoc	974 Main St. Waltham, Mass	TW4-1955
Md	Burlingame Assoc	8218 Wisc. Ave. Wash DC	OL4-6400
Mass	Burlingame Assoc	Waltham	TW4-1955
Nev	Luscombe Eng. Co	1020 S. Arroyo Pkwy. Pasadena, Cal	MU2-3066
NH	Burlingame Assoc	Waltham, Mass	TW4-1955
NJ	Burlingame Assoc	510 S. Fulton Ave. Mount Vernon, NY	MO4-7530
NY	Burlingame Assoc	510 S. Fulton Ave. Mount Vernon	MO4-7530
NC	E G Holmes & Assoc	440 W. Market St. Greensboro	BR2-0855
Okla	Arnold Barnes Co	3603 Lemmon Ave. Dallas, Tex	LA6-8735
Pa	Burlingame Assoc	222 Long La. Upper Darby	SH7-9080
RI	Burlingame Assoc	Waltham, Mass	TW4-1955
SC	E G Holmes & Assoc	4969 Roswell Rd. NE. Atlanta, Ga	BL5-6660
Tex	Arnold Barnes Co	3603 Lemmon Ave. Dallas	LA6-8735
Vt	Burlingame Assoc	Waltham, Mass	TW4-1955
Va	E G Holmes	440 W. Market, Greensboro, NC	BR2-0855
Va	Burlingame Assoc	8218 Wisc. Ave. Wash, DC	OL4-6400
	OMTRONICS MFG., INC	**Box 1419-Peony Park Sta., Omaha 14 Neb**	**345-8400**
	R Engstrom #3 *25 A 370-820-895-1135-1150-1475		
Cal	Omtronics Mfg Inc	16120 Caleher St. Sepulveda	EM4-2941
	ONAN DIV STUDEBAKER-PACKARD CORP	**2515 University Ave SE, Mpls 14, Minn**	**FE2-1155**
	V Gilbertson *700 255-895-915		
Alaska	Bill Haynes	401 S.E. 50th Ave, Portland 15, Ore	BE6-2801
Cal	Frank Gennaro	1588 Edgewood Dr, Palo Alto, Cal	DA2-0127
Colo	Les LeLande	2800 Tennyson St, Denver 12, Colo	GL5-6786
Conn	Howard Miller	406 N. Norwegian St, Pottsville, Pa	MA2-4175
Del	Don Earhart	204 School St, Alexandria, Va	SO5-2544
DC	Don Earhart	204 School St, Alexandria, Va	SO5-2544
Fla	Mathias Antz	8595 SW 157th St, Miami 57	CE5-2530
Hawaii	Frank Gennaro	1588 Edgewood Dr, Palo Alto, Cal	DA2-0127
Idaho	Les LeLande	2800 Tennyson St, Denver 12 Colo	GL5-6786
Ill	Corwin Wood	304 1/2 State Ave, St Charles, Ill	JU4-3917
Md	Don Earhart	204 School St, Alexandria, Va	SO5-2544
Mass	Charles Helmholtz	12 Dianne Rd, W Medford 55	EX6-5868
Minn	Frank Ciemia	3 Lincoln Ave, White Bear Lake	GA9-7270
Mont	Les LeLande	2800 Tennyson St, Denver 12, Colo	GL5-6786
Nev	Frank Gennaro	1588 Edgewood Dr, Palo Alto, Cal	DA2-0127
NJ	Howard Miller	406 N. Norwegian St, Pottsville, Pa	MA2-4175
NM	Les LeLande	2800 Tennyson St, Denver 12, Colo	GL5-6786
NY	Charles Helmholtz	12 Dianne Rd, W Medford 55, Mass	EX6-5868
NY	Howard Miller	406 N. Norwegian St, Pottsville, Pa	MA2-4175
NC	Don Earhart	204 School St, Alexandria, Va	SO5-2544
Ore	Bill Haynes	401 S.E. 50th Ave, Portland 15, Ore	BE6-2801
SC	Don Earhart	204 School St, Alexandria, Va	SO5-2544
Tex	John Reavis	3604 Mockingbird Ln, Dallas 3	LA1-9467
Utah	Les LeLande	2800 Tennyson St, Denver 12, Colo	GL5-6786
Va	Don Earhart	204 School St, Alexandria, Va	SO5-2544
Wash	Bill Haynes	401 S.E. 50th Ave, Portland 15, Ore	BE6-2801
W. Va	Don Earhart	204 School St, Alexandria, Va	SO5-2544
Wyo	Les LeLande	2800 Tennyson St, Denver 12, Colo	GL5-6786
Can	T C Arnold	5930 Marceau Ave, Pierrefonds, Que	NA6-3521
	ONONDAGA ELECTRONICS DIV SPEER CARBON CO	**1810 W. Fayette St, Syracuse 1, NY**	**HO8-6261**
	P Christensen #12 *175 E 220-1150-1475		
Ariz	Walco Sales	PO Box 2446 Sepulveda, Cal	EM2-3751
Cal	Walco Sales	PO Box 2446, Sepulveda	EM2-3751
Conn	Bahr Sales Co	Spring Valley Rd, Woodbridge, Conn	FU7-8712
Del	Robert H Hilderbrand	Fairview Village, Pa	CH2-6225
DC	Robert H Hilderbrand	Fairview Village, Pa	CH2-6225
Fla	Components Sales Corp	PO Box 178, N Miami Beach	FR4-1391
Ga	Hilker Co., The	PO Box 5211, Winston-Salem, NC	PA4-2084
Ill	W A Hurtienne	5875 Lincoln Ave. Chicago	LO1-0156
Ind	R O Whitesell & Associates	6620 E. Washington St, Indpls 19, Ind	FL9-5374
Iowa	W A Hurtienne	5875 Lincoln Ave. Chicago, Ill	LO1-0156
Me	Bahr Sales Co	Spring Valley Rd. Woodbridge, Conn	FU7-8712
Md	Robert H Hilderbrand	Fairview Village, Pa	CH2-6225
Mass	Bahr Sales Co	Spring Valley Rd. Woodbridge, Conn	FU7-8712
Mich	Henschen, Jensen & Co	2842 W. Grand Blvd, Detroit 2, Mich	TR1-0308
NH	Bahr Sales Co	Spring Valley Rd. Woodbridge, Conn	FU7-8712
NJ	Electrical Manufacturers Service	PO Box 128, Williston Park, NY	PI2-1616
NY	Electrical Manufacturers Service	106 Hillside Ave, Williston Park, NY	PI2-1616
NC	The Hilker Co	P O Box 5211, Winston-Salem, NC	PA4-2084
Ohio	R O Whitesell & Assoc. Inc	6620 E Washington St. Indpls, Ind	FL9-5374
Pa	Robert H Hilderbrand	Fairview Village	CH2-6225
RI	Bahr Sales Co	Spring Valley Rd. Woodbridge, Conn	FU7-8712
SC	Hilker Co., The	PO Box 5211, Winston-Salem, NC	PA4-2084
Tenn	Hilker Co., The	PO Box 5211, Winston-Salem, NC	PA4-2084
Vt	Bahr Sales Co	Spring Valley Rd. Woodbridge, Conn	FU7-8712
Va	Electrical Manufacturers Service	PO Box 128, Williston Park, NY	PI2-1616
W Va	R O Whitesell & Assoc. Inc	6620 E Washington St. Indpls. Ind	FL9-5374
Wisc	W A Hurtienne	5875 Lincoln Ave. Chicago 45, Ill	LO1-0156
Canada	Electrolabs	7305 St. Lawrence Blvd, Montreal 16, Que	CR6-6176
•	**OPAD ELECTRIC CO**	**43-5 Walker St, New York 13, NY**	**WO6-0380**
	95-255-360-795-895-1050-1135-1150-1340-1390-1445-1455		
	OPTICAL COATING LAB INC	**2789 Giffen Ave, Santa Rosa, Cal**	**LI5-6440**
	D Joslyn #20 *80 D 315-885		
	OPTICAL GAGING PRODUCTS INC	**26 Forbes St, Rochester 11, NY**	**FA8-9090**
	338-525-895-1075		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	D G Machinery & Gage Co	2828 N.E. Expwy, Atlanta 24, Ga	ME5-5511
Ariz	Paul B Slater Co	2505 E. Yates Ave, Los Angeles 22, Cal	RA3-7251
Ark	Branch Merwin Tool Specialists	477 N. Bellevue, Memphis, Tenn	BR4-6102
Cal	Bierman-Hamilton Corp	147 Utah Ave, S. San Francisco, Cal	JU9-2700
Cal	Paul B Slater Co	2505 E. Yates Ave, Los Angeles 22, Cal	RA3-7251
Colo	Iver J Esbenson Co	1725 E. 17th Ave, Denver 18, Colo	EA2-7733
Conn	Tools & Gages Unlimited	215 Simson Ave, Hartford, Conn	AD2-3186
Del	Holco	122 W. Chester Pike, Havertown, Pa	SU9-7477
DC	Holco	122 W. Chester Pike, Havertown, Pa	SU9-7477
Fla	D G Machinery & Gage Co	724 Dade Commonwealth Bldg, Miami 32	FR4-7740
Ga	D G Machinery & Gage Co	2828 N.E. Expwy, Atlanta 24, Ga	ME5-5511
Idaho	Iver J Esbenson Co	1725 E. 17th Ave, Denver 18, Colo	EA2-7733
Ill	Theodore Frostberg	364 Park Terr, S.E., Cedar Rapids, Iowa	EM2-6547
Ill	John C Ott Co	154 E. Erie St, Chicago, Ill	SU7-1546
Ill	Louis A Hoppe Co	8114 Rosalie Ave, St. Louis, Mo	MI7-3420
Ind	R L Gussett Co	2007 E. 46th St, Indianapolis 5, Ind	CL1-6061
Ind	John C Ott Co	154 E. Erie St, Chicago 11, Ill	SU7-1546
Iowa	Theodore Frostberg	364 Park Terr, S.E. Cedar Rapids, Iowa	EM2-6547
Kan	Louis A Hoppe Co	8114 Rosalie Ave, St. Louis, Mo	MI7-3420
Ky	Woodall Sales & Service Co	3030 Far Hills Ave, Dayton 19, Ohio	AX9-3151
La	Branch Merwin Tool Specialists	477 N. Bellevue, Memphis, Tenn	BR4-6102
Me	Sterling Sales Inc	P.O. Box H, N. Grafton, Mass	PL7-0800
Md	Holco	122 W Chester Pike, Havertown, Pa	SU9-7477
Mass	Sterling Sales Inc	P.O. Box H, N. Grafton, Mass	PL7-0800
Mich	Marvin R Davis & Associates	10210 W. McNichols Rd, Detroit 21, Mich	UN4-9434
Mich	Larry Hammond Co	1551 N. 35th St, Milwaukee 8, Wisc	DI2-4822
Mich	A D Schneider & Co	408 E. Grand River Ave, Lansing 6, Mich	IV4-5806
Minn	Walter R Hammond Co	1419 Washington Ave, S., Minneapolis 4	FE8-8945
Miss	Branch Merwin Tool Specialists	477 N. Bellevue, Memphis, Tenn	BR4-6102
Mo	Louis A Hoppe Co	8114 Rosalie Ave, St. Louis 17, Mo	MI7-3420
Neb	Theodore Frostberg	364 Park Terr, S.E., Cedar Rapids, Iowa	EM2-6547
NH	Sterling Sales Inc	P.O. Box H, N. Grafton, Mass	PL7-0800
NJ	Products for Industry	P.O. Box 198, Fairlawn, NJ	SW6-1525
NJ	Holco	122 W. Chester Pike, Havertown, Pa	SU9-7477
NM	Iver J Esbenson Co	1725 E. 17th Ave, Denver 18, Colo	EA2-7733
NY	Machinists' Tools Inc	854 Main St, Buffalo, NY	GR5397
NY	Precision Service Co	E. Lake Rd, Skaneateles, NY	1089
NY	Precision Tool & Gage Co	240 Windemere Rd, Rochester, NY	HU2-5513
NY	Products for Industry	P.O. Box 198, Fairlawn, NJ	SW6-1525
NC	Crotts & Saunders Eng Inc	235 N. Main St, Winston-Salem, NC	PA4-0163
ND	Walter R Hammond Co	1419 Washington Ave, S., Minneapolis 4, Minn	FE8-8945
Ohio	Production Service Co	10000 Memphis Ave, Cleveland 9, Ohio	ON1-8500
Ohio	Woodall Sales & Service Co	3030 Far Hills Ave, Dayton 19, Ohio	AX9-3151
Okla	P D Browne Co	2512 W. Mockingbird Ln, Dallas 35, Tex	FL7-2239
Ore	H F Soderling Co	1729 First Ave, S., Seattle 4, Wash	MA2-5026
Pa	Precision Service Co	E. Lake Rd, Skaneateles, NY	1089
Pa	Holco	122 W. Chester Pike, Havertown, Pa	SU9-7477
Pa	Riley & Whittenberger	P.O. Box 229, Oakmont, Pa	OA1561
RI	Sterling Sales Inc	P.O. Box H, N. Grafton, Mass	PL7-0800
SC	Crotts & Saunders Eng Inc	235 N. Main St, Winston-Salem, NC	PA4-0163
SC	D G Machinery & Gage Co	2828 N.E. Expwy, Atlanta 24, Ga	ME5-5511
SD	Walter R Hammond Co	1419 Washington Ave, S., Minneapolis 4, Minn	FE8-8945
Tenn	Branch Merwin Tool Specialists	477 N. Bellevue, Memphis, Tenn	BR4-6102
Tenn	D G Machinery & Gage Co	2828 N.E. Expwy, Atlanta 24, Ga	ME5-5511
Tex	P D Browne Co	2512 W. Mockingbird Ln, Dallas 35, Tex	FL7-2239
Tex	P D Browne Co	412 Continental Bank Bldg, Houston 2	CA7-1192
Utah	Iver J Esbenson Co	1725 E. 17th Ave, Denver 18, Colo	EA2-7733
Vt	Sterling Sales Inc	P.O. Box H, N. Grafton, Mass	PL7-0800
Va	Crotts & Saunders Eng Inc	235 N. Main St, Winston-Salem, NC	PA4-0163
Va	Holco	122 W. Chester Pike, Havertown, Pa	SU9-7477
Wash	H F Soderling Co	1729 First Ave, S., Seattle 4, Wash	MA2-5026
W. Va	Riley & Whittenberger	P.O. Box 229, Oakmont, Pa	OA1561
Wisc	Larry Hammond Co	1551 N. 35th St, Milwaukee 8, Wisc	DI2-4822
Wisc	Walter R Hammond Co	1419 Washington Ave, S., Minneapolis 4, Minn	FE8-8945
Wyo	Iver J Esbenson Co	1725 E. 17th Ave, Denver 18, Colo	EA2-7733
Canada	A C Wickman Ltd	1425 Queensway, Tor 14, Ont, Canada	CL9-2311
Foreign	Gaston E Marbaix Ltd	Devonshire House, Vicarage Crescent, London, SW11, England	
	OPTICS TECHNOLOGY, INC	**248 Harbor Blvd. Belmont, Cal**	**LY1-0358**
	T Perkins #12 *[illegible] D 290-660-895		
Cal	Abbott Instrument & Eng Co	10513 Santa Monica Blvd, Los Angeles	GR4-5310
	OPTIMIZED DEVICES INC	**864 Franklin Ave, Thornwood, NY**	**RO9-6110**
	A Zoch #3 *20 C 430-895-1390		
Cal	John Francis O'Halloran Assoc	11636 Ventura Blvd, N Hollywood	
DC	The Jay Co	2420 Wilson Blvd, Arlington, Va	
Fla	Q C Equipment Sales	610 N Orange Ave, Orlando	
Me	George Gostenhofer & Assoc	7 Wellington St, Waltham, Mass	
Md	The Jay Co	2420 Wilson Blvd, Arlington, Va	
Mass	George Gostenhofer & Assoc	7 Wellington St, Waltham	
Nev	John Francis O'Halloran Assoc	11636 Ventura Blvd, N Hollywood, Cal	
NH	George Gostenhofer & Assoc	7 Wellington St, Waltham, Mass	
NY	Charles A Minck Co	1445 Valencia Rd, Schenectady 9	
Pa	Holdsworth & Co	P.O. Box 71, Lansdowne, Pa	
Vt	George Gostenhofer & Assoc	7 Wellington St, Waltham, Mass	
Va	The Jay Co	2420 Wilson Blvd, Arlington, Va	
Canada	Electrodesign	736 Notre Dame St. W. Montreal, PQ, Can	
	OPTOMECHANISMS INC	**216 E. Second St, Mineola, NY**	**PI6-5576**
	W Grossman #7 *35 D 200-360-885-895		
Ala	J Neal & Co	3931 SW 5th Terrace, Miami, Fla	HI4-1118
Ariz	Roland Olander & Co	6113 Santa Monica Blvd, LA 38, Cal	HO9-6313
Ark	N S Brown Assoc	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Cal	Roland Olander & Co	6113 Santa Monica Blvd, LA 38	HO9-6313
Conn	Walter W Janowy Co	Box 5164, Hamden	AT8-3010
DC	N. American Eng. Co	733 15th St. NW, Washington 5	EX3-0451
Fla	J Neal & Co	3931 SW 5th Terrace, Miami	HI4-1118
Ga	J Neal & Co	3931 SW 5th Terrace, Miami, Fla	HI4-1118
Ill	Lowell Co	4124 Oakton Terr, Skokie	OR6-2063
Ind	Lowell Co	4124 Oakton Terr, Skokie	OR6-2063
Iowa	Eng. Prods. Assoc	1821 University Ave, St. Paul 4, Minn	MI6-3443
Kan	Zim-Cowen & Assoc, Inc	7730 Carondelet, St. Louis 5, Mo	PA7-8559
Me	Walter W Janowy Co	Box 5164, Hamden, Conn	AT8-3010
Md	N. American Eng. Co	733 15th St, NW, Washington 5, DC	EX3-0451
Mass	Walter W Janowy Co	Box 5164, Hamden, Conn	AT8-3010
Mich	Lowell Co., The	4124 Oakton Terrace, Skokie, Ill	OR6-2063
Minn	Eng. Prods. Assoc	1821 University Ave, St. Paul 4	MI6-3443
Mo	Zim-Cowen & Assoc, Inc	7730 Carondelet, St. Louis 5	PA7-8559
NH	Walter Janowy Co	Box 5164, Hamden, Conn	AT8-3010
NJ	George Spanos Assoc	45 Kincaid Dr, Yonkers, NY	SP9-1559
NY	Everett Sales Eng. Co	154 Plandome Rd, Manhasset	MA7-7750
NY	David Lauri	Box 184, Eastwood Sta, Syracuse 6	HE7-8181
NC	J Neal & Co	3931 SW 5th Terrace, Miami, Fla	HI4-1118
Ohio	Sid Levin & Assoc	6725 Mayfield Rd, Cleve 24	HI2-8340
Okla	N S Brown Assoc	5852 Boca Raton, Dallas 30, Tex	EM3-3698
Ore	Roland Olander & Co	6113 Santa Monica Blvd, LA 38, Cal	HO9-6313
Pa	Geo. Spanos Assoc	45 Kincaid Dr, Yonkers, NY	SP9-1559
Pa	Sid Levin & Assoc	6725 Mayfield Rd, Cleve 24, Ohio	HI2-8340
RI	Walter W Janowy Co	Box 5164, Hamden, Conn	AT8-3010
SC	J Neal & Co	3931 SW 5th Terrace, Miami, Fla	HI4-1118
Tex	N S Brown Assoc	5852 Boca Raton Dr, Dallas 30	EM3-3698
Va	N. American Eng	733 15th St. NW, Washington 5, DC	EX3-0451
Wash	Roland Olander & Co	6113 Santa Monica Blvd. LA 38, Cal	HO9-6313
Wis	Eng. Prods. Assoc	1821 University Ave. St. Paul 4, Minn	MI6-3443
	OPTRON CORP	**335 S. Salinas St, Santa Barbara, Cal**	**WO5-6140**
	E Merlar #3 *14 C 360-895-1210		
Ariz	Moxon Electronics Corp	495 S. Robertson Blvd. Beverly Hills, Cal	BR2-5311
Cal	Moxon Electronics Corp	495 S. Robertson Blvd, Beverly Hills	BR2-5311
Del	J E Cuesta Co	Woodward Bldg, Washington 25, DC	ST3-4449
DC	J E Cuesta Co	Woodward Bldg, Washington 25	ST3-4449
Fla	Bivins & Caldwell Inc	721 W. Smith St, Orlando	CH1-1191
Ill	Hugh Marsland & Co	6659 Lincoln Ave. Chicago 45	OR6-1100
Ind	Hugh Marsland & Co	6730 E. 18th St. Indpls 1	FL6-4249
Iowa	Hugh Marsland & Co	6659 Lincoln Ave. Chicago 45, Ill	OR6-1100
Ky	Hugh Marsland & Co	6730 E. 18th St, Indpls 1, Ind	FL6-4249
Md	J E Cuesta Co	Woodward Bldg, Washington 25, DC	ST3-4449
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit 35	BR3-2930
Minn	Hugh Marsland & Co	731 N. Edgewood Ave, Mpls 27	LI5-4401
Mo	Hugh Marsland & Co	6659 Lincoln Ave, Chicago 45, Ill	OR6-1100
Nev	Moxon Electronics Corp	495 S. Robertson Blvd, Beverly Hills, Cal	BR2-5311
NJ	J E Cuesta Co	Box 525, Paoli, Pa	NI4-6020
NY	J E Cuesta Co	Box 525, Paoli	NI4-6020
Ohio	S Sterling Co	5827 Mayfield Rd, Cleve 24	HI2-8080
Pa	J E Cuesta Co	Box 525, Paoli	NI4-6020
Va	J E Cuesta Co	Woodward Bldg, Washington 25, DC	ST3-4449
Wash	J E Cuesta Co	Woodward Bldg, Washington 25, DC	ST3-4449
W Va	S Sterling Co	4326 Clairton Blvd, Pittsbgh 27, Pa	TU4-5515
Wis	Hugh Marsland Co	6659 Lincoln Ave, Chicago 45, Ill	OR6-1100
For	Mel Sales Ltd	1985 Ave. Rd, Toronto 12, Ont	
Can	Mel Sales Ltd	1985 Ave. Rd, Toronto 12, Ont	
	ORANGE PRODUCTS INC	**554 Mitchell St, Orange, NJ**	
	120		
	ORBIT INDUSTRIES	**Box 666, Reseda, Cal**	
	1825		
	ORBIT INSTRUMENT CORP	**131 Eileen Way, Syosset, NY**	**WA1-6310**
	P Sherman #5 *[illegible] D 145-310-755-895-1470		
Ala	Aironic Accessory Co, Inc	3179 Maple Dr, Atlanta, Ga	CE7-0788
Cal	J R Hofstrom Assoc	7460 Girard Ave, La Jolla	GL4-1185
Fla	Aironic Accessory Co. Inc	131 W Fairbanks, Winter Park	MI7-2251
Ga	Aironic Accessory Co. Inc	3179 Maple Dr, Atlanta	CE7-0788
Miss	Aironic Accessory Co. Inc	3179 Maple Dr, Atlanta, Ga	CE7-0788
NJ	Val-Garth	137-28 Northern Blvd. Flushing, NY	LE9-6220
NY	Val-Barth	137-28 Northern Blvd. Flushing	LE9-6220
NC	Aironic Accessory Co. Inc	3179 Maple Dr, Atlanta, Ga	CE7-0788
SC	Aironic Accessory Co. Inc	3179 Maple Dr, Atlanta, Ga	CE7-0788
Tenn	Aironic Accessory Co. Inc	3179 Maple Ave, Atlanta, Ga	CE7-0788
Tex	Scott Technical Sales	Box 30324, Dallas	FL2-[illegible]
	ORBITRAN CO., INC	**11487 Woodside Ave, Lakeside, Cal**	**HI3-3841**
	R Price #3 *9 B 450-895-1910		
	OREGON ELECTRONIC MFG CO	**2135 S.E. 6th Ave, Portland 14, Ore**	**BE6-9292**
	R Raupach #2 *20 B 45-1340-1855		
Ala	Taylor Engineer Co	2100 St. Paul St, Baltimore, Md	
Cal	White & Co	788 Mayview Ave, Palo Alto, Cal	DA1-3350
Cal	Wallace & Wallace	Bendix Bldg, Los Angeles, Cal	RI7-3401
Conn	Howard J Schuft Co	835 Washington St, Newtonville, Mass	LA7-5304
Fla	Taylor Engineer Co	2100 St. Paul St, Baltimore, Md	
Ga	Taylor Engineer Co	2100 St. Paul St, Baltimore, Md	
La	Harry D Edmiston	P.O. Box 5832, Dallas, Tex	TA7-2853
Me	Howard J Schuft Co	835 Washington St, Newtonville, Mass	LA7-5304
Mass	Howard J Schuft Co	835 Washington St, Newtonville, Mass	LA7-5304
Nev	White & Co	788 Mayview Ave, Palo Alto, Cal	DA1-3350
NH	Howard J Schuft Co	835 Washington St, Newtonville, Mass	LA7-5304
NC	Taylor Engineer Co	2100 St. Paul St, Baltimore, Md	
RI	Howard J Schuft Co	835 Washington St, Newtonville, Mass	LA7-5304
SC	Taylor Engineer Co	2100 St. Paul St, Baltimore, Md	
Tex	Harry D Edmiston	P.O. Box 5832, Dallas, Tex	TA7-2853
Vt	Howard J Schuft Co	835 Washington St, Newtonville, Mass	LA7-5304
Va	Taylor Engineer Co	2100 St. Paul St, Baltimore, Md	
•	**OREL INC**	**7 Peterson St. Paterson 1, NJ**	**MU4-5858**
	G Pagonis #2 *5		
	Sales Representatives: See Ortho Filter Corp.		
	ORIGIN ELECTRIC CO. LTD	**1-195 Takada Minami-cho Toshima-ku Tokyo, Jap.**	
	S Chikasawa #300 *1,200 F 1445-1945		
NY	Electronic Devices Inc	50 Webster Ave, New Rochelle	
	ORION ELECTRONIC CORP	**100 Columbus Ave .Tuckahoe, NY**	**DE7-1632**
	L Gage #10 *40 D 338-885-895-1135-1150-1340-1425-1455-1475-1585-1610-1730-1870		
Fla	Du Bovy Assoc	6[illegible] N Orange Ave, Orlando	GA5-7472
NJ	H A F Assoc	430 E 86th St, NY 28, NY	RE7-5850
NY	H A F Assoc	430 E 86th St, NY 28	RE7-5850
•	**ORTHO FILTER CORP**	**7 Peterson St .Paterson 1, NJ**	**MU4-5858**
	G Pagonis #10 *162 E 320-338-365-415-450-670-895-915-1340-1830		
Ariz	Paul F Wiley Co	1632 Silverlake Blvd, Los Angeles, Cal	NO3-8029
Cal	Paul F Wiley Co	1632 Silverlake Blvd, Los Angeles	NO3-8029
Colo	Sel, Inc	727 Morningside, NE, Albuquerque, NM	AL5-2278
Del	Moler-Billis Assoc	Box 240, Haddonfield, NJ	HA9-2440
DC	Jack Omre Co	535 Winchester Ave, Union, NJ	MU7-0888
Fla	Southeast Sales Co	Box 6140, Raleigh, NC	TE4-8565
Ga	Southeast Sales	Box 6140, Raleigh, NC	TE4-8565
Ill	PGM Component Sales	2842 N Sheridan Rd, Chicago	
Ind	PGM Component Sales	2842 N Sheridan Rd, Chicago, Ill	
Iowa	PGM Component Sales	2842 N Sheridan Rd, Chicago, Ill	
Ky	Technical Sales Assoc	1319 3rd Natl Bldg, Dayton, Ohio	BA4-5302
Md	Jack Omre Co	535 Winchester Ave, Union, NJ	MU7-0888
Mass	Jack Decker	40 Berkley St, Waltham	TW3-2882
Mich	Technical Sales Assoc	1319 3rd Natl Bldg, Dayton, Ohio	BA4-5302
Mo	Associated Industries Inc	455 S Washington, Wichita, Kan	HO4-2891
Nev	Paul F Wiley Co	1632 Silverlake Blvd, Los Angeles, Cal	NO3-8029
NH	Jack Decker	40 Berkley St, Waltham, Mass	TW3-2882
NJ	Jack Omre Co	535 Winchester Ave, Union	MU7-0888
NM	SEL, Inc	727 Morningside, NE, Albuquerque	AL5-2278
NY	Jim Rogers	7 Paterson St, Paterson, NJ	MU4-5858
NC	Southeast Sales Co	Box 6140, Raleigh	TE4-8565
Ohio	Technical Sales Assoc	1319 3rd Natl Bldg, Dayton	BA4-5302
Okla	Associated Industries	455 S Washington, Wichita, Kan	HO4-2891
Ore	Associated Industries	1252 Rainier Ave, Seattle, Wash	EA5-4400
Pa	Moler-Billis Assoc	Box 240, Haddonfield, NJ	HA9-2440
RI	Jack Decker	40 Berkley St, Waltham, Mass	TW3-2882
SC	Southeast Sales	Box 6140, Raleigh, NC	TE4-8565
Tenn	Southeast Sales	Box 6140, Raleigh, NC	TE4-8565
Tex	SEL, Inc	727 Morningside, NE, Albuquerque, NM	AL5-2278
Utah	SEL, Inc	727 Morningside, NE, Albuquerque, NM	AL5-2278
Vt	Jack Decker	40 Berkley St, Waltham, Mass	TW3-2882
Va	Southeast Sales	Box 6140, Raleigh, NC	TE4-8565
Wash	Associated Industries	1252 Rainier Ave, Seattle, Wash	EA5-4400
W Va	Technical Sales Assoc	1319 3rd Natl Bldg, Dayton, Ohio	BA4-5302
Wis	PGM Component Sales	2842 N Sheridan Rd, Chicago, Ill	
•	**ORTHO MAGNETICS, INC**	**7 Peterson St. Paterson 1, NJ**	**MU4-5858**
	G Pagonis #2 *45 D 320-1855		
	Sales Representatives: See Ortho Filter Corp.		
•	**ORTHO PRECISION RESISTORS INC**	**7 Peterson St. Paterson 1, NJ**	**MU4-5858**
	G Pagonis #2 *4C 1200-1475		
	Sales Representatives: See Ortho Filter Corp.		
	ORTRON ELECTRONICS INC	**151 Taylor St. Orange, NJ**	**OR4-6628**
	W Brown #2 *15 A 1460		
	ORTRONIX, INC	**Forsythe Rd. Dr 8217, Orlando, Fla**	**MI7-4807**
	D Rethel #10 *6C B 25-95-190-275-280-335-338-365-370-440-455-470-895-915-945-950-1135		
	ORYX CO	**13804 Ventura Blvd, Sherman Oaks, Cal**	**TR3-4874**
	C Mitchell *5 A 825		
Ala	Fred Humble Sales Co	3667 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Cal	Bernard L Cohn	873 Lake St, San Francisco 18, Cal	SK1-7981
Colo	Fred A Pruss Co	4925 E. 38th Ave, Denver 7, Colo	DU8-4644
Ill	Royal J Higgins Co	10325 E. Western Ave, Chicago 43, Ill	BE3-7000
Mass	L K Ingber Co	41 Cross St, West Newton 65, Mass	DE2-2574
Mo	Carmine A Vignola Associates	P.O. Box 569, Jefferson City, Mo	5-1023
NJ	Fields & Simon Sales Co	109 Valley Rd, Verona, NJ	PI6-6717
NM	Fields & Simon Sales Co	109 Valley Rd, Verona, NJ	PI6-6717
Pa	John Nolan & Associates	314 W. Sparks St, Philadelphia 20, Pa	WA4-1595
Tex	Tom Spivey Co., Inc	7547 Wilmerdean, Houston 17, Tex	MI9-1221
	OSBORN PRODUCTS	**2364 Porter Ave, Altadena, Cal**	**SY4-9436**
	700		
	OSBORNE ELECTRIC CO LTD	**95 Vesley St, Toronto 18, Ont, Canada**	**CL9-7866**
	M Langley #6 *45 C 120-315-320-360-670-900-1135-1290-1460-1645-1855		
	OSBORNE ELECTRONICS CORP	**712 SE. Hawthorne Blvd. Portland 14, Ore**	**BE2-0161**
	A Emery #8 *25C E 325-895-1855		
Cal	Osborne Electronics Corp	13105 S. Crenshaw Blvd. Hawthorne	OR8-9211
Cal	Osborne Electronics Corp	535 Middlefield Rd, Palo Alto	DA6-5144
Cal	Osborne Electronics Corp	1871 W. 135th St. Gardena	FA1-6900
Fla	Charles Proctor Co	2217 Delaney St, Orlando	GA5-7603
Kan	Airquip Sales Co	Box 2823, Wichita	MU4-2373
Wash	Myron Smith	717 Mich. St. Seattle	PA5-1865
	OSBORNE RESEARCH LAB	**Box 1435, Santa Barbara, Cal**	**WO5-6268**
	J Letrash #4 *1C B 35-365-885-895-915		
NY	Harbet Sales	9 Maiden Ln, NY 7	BE3-5430
	OSBORNE TRANSFORMER CORP	**3834 Mitchell Ave, Detroit 7, Mich**	**LO8-0700**
	R Osborne #1 *25 B 320-1830-1855-1860		
	OSTER MFG CO., JOHN, AVIONICS DIV	**1 N Main St. Racine, Wis**	**ME7-4445**
	I Epstein #38 *1000 F 35-360-895-1550-1555-1745		
Cal	John Oster Mfg Co	5333 S Sepulveda Blvd. Culver City	TE0-1194
NY	John Oster Mfg Co	316 Northern Blvd, Great Neck, NY	HU7-3030
	OTARION LISTENER CORP	**Scarborough Park, Ossining, NY**	**WI1-6700**
	W Jewell #6 *150 E 815-895-1505		
	Sales Offices in all principal cities.		
	OTIS ELEVATOR CO. DEF & IND DIV	**35 Ryerson St. Brooklyn 5, NY**	**UL5-6800**
	R M Huff #210 *700 G 338-885-895		
Cal	Otis Elevator Co	180 Evelyn Ave, Mountain View	YO8-4575
Ohio	Otis Elevator Co	321 S Main St, Dayton	BA2-4204
Utah	Otis Elevator Co	614 S Main St, Salt Lake City	EM3-3631
	OVENAIRE INC	**Box 845, Charlottesville, Va**	**3-5148**
	R Greene #3 *25 1215		
Cal	S L Spraggins Co	16042 Ventura Blvd, Encino	ST8-6871
Cal	L A Nett Co	1363 Howard St, San Francisco	HE1-4739
Ga	J E Joyner & Assoc	Box 10821, Station A, Atlanta	PL8-4930
Ill	W C Brouillard & Assoc	1569 Newcastle Ave, Westchester	FI5-8300
Mass	George J Naumann Co	Box 88, Wellesley Hills	CE5-3353
NJ	Kenneth E Hughes Co	4808 Bergenline Ave, Union City	UN7-3354
NY	Bowser & Sapody	2570 Sheridan Dr, Kenmore	DE8494
Pa	Fred Mueller	2519 Fife Dr, Bridgeville	TE5-9882
Pa	W R Griffin Co	Box 15, Spring House	MI6-8363

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
•	**OVITRON CORP**	**44-62 Johnes St. Newburgh, NY**	**JO1-1541**
	L Ward Jr #11 *90 D 20-45-145-155-275-310-320-330-338-360-365-670-880-895-915-1135-1150-1165-1200-1340-1420-1455-1460-1550-1555-1645-1730-1810-1830-1855		
Ala	Specialized Eqpt. Corp	Box 323, Cocoa Beach, Fla	CE3-5858
Ariz	Tucul Eng. Co	5600 Glenford St. LA 8, Cal	AX3-2959
Cal	Tucul Eng. Co	5600 Glenford St. LA 8	AX3-2959
Conn	Ovitron Corp	115 River Rd. Cos Cob	TO9-8[illegible]
Con	New England Area Representatives Inc	99 Highland Ave. Somerville 43, Mass	PR6-2262
Del	Charles P Hile	Box 144, Paoli, Pa	NI4-5500
Fla	Specialized Eqpt. Corp	Box 323, Cocoa Beach	CE3-5858
Ga	Specialized Eqpt. Corp	Box 323, Cocoa Beach, Fla	CE3-5858
Ill	Blackton Eng. Co	600 S. Michigan Ave. Chicago 5	WA2-3340
Ind	Blackton Eng. Co	600 S. Michigan Ave. Chicago 5, Ill	WA2-3340
Ind	James P Hobstetter	131 N. Ludlow, Dayton 2, Ohio	BA2-2897
Ky	James P Hobstetter	131 N. Ludlow, Dayton 2, Ohio	BA2-2897
Me	New England Area Representatives Inc	99 Highland Ave. Somerville 43, Mass	PR6-2262
Md	Charles P Hile	Box 144, Paoli, Pa	NI4-5500
Mass	New England Area Representatives Inc	99 Highland Ave. Somerville 43	PR6-2262
Mass	Carse Electric Corp	Box 4127, Albany 4, NY	GR1-3074
Minn	Blackton Eng. Co	600 S. Michigan Ave. Chicago 5, Ill	WA2-3340
Miss	Specialized Eqpt. Corp	Box 323, Cocoa Beach, Fla	CE3-5858
Mo	Blackton Eng. Co	600 S. Michigan Ave. Chicago 5, Ill	WA2-3340
Nev	Tucul Eng. Co	5600 Glenford St. LA 8, Cal	AX3-2959
NH	New England Area Representatives Inc	99 Highland Ave. Somerville 43, Mass	PR6-2262
NJ	Joseph Spring Assoc. Inc	254 W. 31st St. NY 1, NY	LO5-1820
NJ	Milton Ross	550 5th Ave. NY, NY	JU6-0653
NJ	Charles P Hile	Box 144, Paoli, Pa	NI4-5500
NY	Perry Saftler Assoc. Inc	157 W. 57th St. NY 19	CI7-3856
NY	Carse Electric Corp	Box 4127, Albany 4	HO2-5364
NC	Specialized Eqpt. Corp	Box 323, Cocoa Beach, Fla	CE3-5858
Ohio	James P Hobstetter	131 N. Ludlow, Dayton 2	BA2-2897
Pa	James P Hobstetter	131 N. Ludlow, Dayton 2, Ohio	BA2-2897
Pa	Charles P Hile	Box 144, Paoli	NI4-5500
RI	New England Area Representatives Inc	99 Highland Ave. Somerville 43, Mass	PR6-2262
SC	Specialized Eqpt. Corp	Box 323, Cocoa Beach, Fla	CE3-5858
Tenn	Specialized Eqpt. Corp	Box 323, Cocoa Beach, Fla	CE3-5858
Vt	New England Area Representatives Inc	99 Highland Ave. Somerville 43, Mass	PR6-2262
Vt	Carse Electric Corp	Box 4127, Albany 4, NY	HO2-5364
Wis	Blackton Eng. Co	600 S. Michigan Ave. Chicago 5, Ill	WA2-3340
•	**OWEN LABORATORIES INC.**	**55 Beacon Pl, Pasadena, Cal**	**MU1-6901**
	M Kohler #3 *10 A 338-895		
Cal	Van Groos Co	Box 425, Woodland Hills	DI0-3131
Cal	Van Groos Co	1178 Los Altos Ave. Los Altos	WH8-7266
Colo	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Conn	Arthur Hatton Assoc Inc	1000 Farmington Ave. W Hartford	AD3-3513
Del	Gawler-Knoop Co	835 Glenside Ave, Wyncote, Pa	WA7-1820
DC	Gawler-Knoop Co	8732 Flower Ave, Silver Spring, Md	JU5-7550
Fla	Specialized Equipment Corp	P O. Box 323, Cocoa Beach, Fla	SU3-3328
Ga	Specialized Equipment Corp	Box 323, Cocoa Beach, Fla	SU3-3328
Idaho	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Ill	Lang, Claeson & Assoc	6733 N Olmsted Ave. Chicago	SP4-3610
Ind	Lang, Claeson & Assoc.	6733 Olmsted Ave. Chicago, Ill	SP4-3610
Iowa	Eng Services Co	1306 Oakland Gardens, Cedar Rapids	EM5-6183
Kan	Eng Services Co	4550 Main St. Kansas City, Mo	JE1-7765
Ky	Lang, Claeson & Assoc	6733 Olmsted Ave. Chicago, Ill	SP4-3610
Me	Arthur Hatton Assoc Inc	245 Walnut St. Newtonville, Mass	DE2-2021
Md	Gawler-Knoop Co	8732 Flower Ave, Silver Spring, Md	JU5-7550
Mass	Arthur Hatton Assoc Inc	245 Walnut St. Newtonville	DE2-2021
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit 35, Mich	BR3-2900
Miss	Specialized Equipment Corp	Box 323, Cocoa Beach, Fla	SU3-3328
Mo	Eng Services Co	6717 Vernon Ave. St Louis	PA6-2233
Neb	Eng Services Co	4550 Main St. Kansas City, Mo	JE1-7765
Nev	Van Groos Co	1178 Los Altos Ave. Los Altos, Cal	WH8-7266
NH	Arthur Hatton Assoc Inc	245 Walnut St. Newtonville, Mass	DE2-2021
NJ	Gawler-Knoop Co	178 Eagle Rock Ave, Roseland, NJ	CA6-4545
NM	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
NY	Gawler-Knoop Co	178 Eagle Rock Ave, Roseland, NJ	CA6-4545
NC	Specialized Equipment Corp	P O. Box 323, Cocoa Beach, Fla	SU3-3328
Ohio	S Sterling Co	5507 Mayfield Rd, Cleveland 24, Ohio	HI2-0080
Ohio	S Sterling Co	3700 S Dixie Dr. Dayton	AX8-7573
Pa	Gawler-Knoop Co	835 Glenside Ave, Wyncote, Pa	WA7-1820
SC	Specialized Equipment Corp	P O. Box 323, Cocoa Beach, Fla	SU3-3328
Utah	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Vt	Arthur Hatton Assoc Inc	245 Walnut St. Newtonville, Mass	DE2-2021
Va	Gawler-Knoop Co	8732 Flower Ave, Silver Spring, Md	JU5-7550
W Va	S Sterling Co	4712 Brownsville Rd, Pittsburgh, Pa	TU4-5515
Wis	Lang, Claeson & Assoc	6733 N Olmsted Ave. Chicago, Ill	SP4-3610
Wyo	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Can	Mel Sales Ltd	1963 Avenue Rd. Toronto, Ont	
Can	Mel Sales Ltd	Box 1352, Sta O, Montreal, Que	
For	Trans-World Trade	450 N Beverly Dr. Beverly Hills, Cal	CR5-2444
	OWENS-CORNING FIBERGLAS CORP	**717 Fifth Ave, New York 22, NY**	**PL9-3810**
	OWENS-ILLINOIS GLASS CO	**Box 1035, Toledo 1, Ohio**	**CH2-6543**
	135-900-1220-1285-1290-1465-1875		
•	**OXFORD ELECTRIC CORP**	**3911 S. Michigan Ave, Chicago 53, Ill**	**AT5-6161**
	M Bruckner #12 *1035 D 320-990-1675-1885		
Ala	James Clymer Jr	920 W. Hill St, Charlotte, NC	ED6-0452
Ala	Maitland K Smith Co	238 14th St, N.W., Atlanta 13, Ga	TR5-8031
Ariz	Hyde Electronics Co	5206 Constitution Ave, Albuquerque, NM	AM8-1111
Ariz	Hyde Electronics Co	840 S. Lipan St, Denver 4, Colo	WE6-3456
Ark	Jack Yount Co	1431 Pleasant Dr, Dallas, Tex	RI8-2158
Cal	F W Muething Co	575 Tenth St, San Francisco 3, Cal	MA1-4166
Cal	Dresco Industries Inc	430 N. Camden Dr, Beverly Hills, Cal	CR5-0108
Colo	Hyde Electronics Co	840 S. Lipan St, Denver 4, Colo	WE6-3456
Conn	Abbett & Hustis	Ridgefield, Conn	
Conn	Abbett & Hustis	1245 Highland Ave, Needham, Mass	HI4-5470
Conn	S S Egert Co	97 Reade St, New York 13, NY	WO4-0996
Del	Al Wetterhahn Co	538 Buena Vista Ave, Maple Shade, NJ	NO2-1611
DC	Al Wetterhahn Co	538 Buena Vista Ave, Maple Shade, NJ	NO2-1611
Fla	Maitland K Smith Co	238 14th St, N.W., Atlanta, Ga	TR5-8031
Ga	Maitland K Smith Co	238 14th St, N.W., Atlanta, Ga	TR5-8031
Idaho	Northwestern Agencies Inc	4130 First Ave, S., Seattle 4, Wash	EL8882
Ill	Hale Darnold Co	914 Kentucky St, Racine, Wisc	ME2-9644
Ill	Carmine A Vignola Assoc	PO Box 565, Jefferson City, Mo	JE5-1023
Ind	Jack Weber Sales Co	9907 El Rico Rd, Indianapolis 20, Ind	VI6-0504
Iowa	Carmine A Vignola Assoc	PO Box 565, Jefferson City, Mo	JE5-1023
Kan	Carmine A Vignola Assoc	PO Box 565, Jefferson City, Mo	JE5-1023
Ky	Jack Weber Sales Co	9907 El Rico Rd, Indianapolis 20, Ind	VI6-0504
La	Jack Yount Co	1431 Pleasant Dr, Dallas, Tex	RI8-2158
Me	Abbett & Hustis Co	1245 Highland Ave, Needham, Mass	HI4-5470
Md	Al Wetterhahn Co	538 Buena Vista Ave, Maple Shade, NJ	NO2-1611
Mass	Abbett & Hustis Co	1245 Highland Ave, Needham, Mass	HI4-5470
Miss	Maitland K Smith Co	238 14th St, N.W., Atlanta, Ga	TR5-8031
Mo	Carmine A Vignola Assoc	P O Box 565, Jefferson City	JE5-1023
Mont	Northwestern Agencies Inc	4130 First Ave, S., Seattle, Wash	EL8882
Neb	Carmine A Vignola Assoc	PO Box 565, Jefferson City, Mo	JE5-1023
Nev	Northwestern Agencies Inc	4130 First Ave, S., Seattle, Wash	EL8882
NH	Abbett & Hustis Co	1245 Highland Ave, Needham, Mass	HI4-5470
NJ	A Wetterhahn Co	538 Buena Vista Ave, Maple Shade, NJ	NO2-1611
NJ	S S Egert Co	97 Reade St, New York 13, NY	WO4-0996
NM	Hyde Electronics Co	5206 Constitution Ave, Albuquerque, NM	AM8-1111
NY	S S Egert Co	97 Reade St, New York 13, NY	WO4-0996
NY	Land-C-Air Sales Co	76 Main St, Tuckahoe, NY	WO1-4700
NC	Maitland K Smith Co	920 W. Hill St, Charlotte, NC	ED6-0452
Ohio	Nash Rahe	11916 McCracken Rd, Cleveland, Ohio	LU1-1748
Ohio	Weller-Rahe Co	P.O. Box 212, Worthington, Ohio	TU5-7819
Okla	Northwestern Agencies Inc	4130 First Ave, S., Seattle 4, Wash	EL8882
Ore	Northwestern Agencies Inc	4130 First Ave, S., Seattle 4, Wash	EL8882
Pa	A Wetterhahn Co	538 Buena Vista Ave, Maple Shade, NJ	NO2-1611
Pa	Land-C-Air Sales Co	76 Main St, Tuckahoe, NY	WO1-4700
Pa	Weller-Rahe Co	P.O. Box 212, Worthington, Ohio	TU5-7819
RI	Abbett & Hustis Co	1245 Highland Ave, Needham, Mass	HI4-5470
SC	Maitland K Smith Co	920 Hill St, W., Charlotte, NC	ED6-0452
SD	Hamilton & Bayle Associates Inc	3359 Republic Ave, Minneapolis 26, Minn	WE9-7[illegible]
Tenn	Maitland K Smith Co	920 Hill St, W., Charlotte, NC	ED6-0452
Tex	Jack Yount Co	1431 Pleasant Dr, Dallas, Tex	RI8-2158
Utah	Northwestern Agencies Inc	4130 First Ave, S., Seattle 4, Wash	EL8882
Vt	Abbett & Hustis Co	1245 Highland Ave, Needham, Mass	HI4-5470
Va	Al Wetterhahn Co	538 Buena Vista Ave, Maple Shade, NJ	NO2-1611
Wash	Northwestern Agencies Inc	4130 First Ave, S., Seattle 4, Wash	EL8882
W. Va	Weller-Rahe Co	P.O. Box 212, Worthington, Ohio	TU5-7819
Wisc	Hale Darnold Co	914 Kentucky St, Racine, Wisc	ME2-9644
Wyo	Hyde Electronics Co	840 S. Lipan St, Denver 4, Colo	WE6-3456
Canada	Atlas Radio Corp Ltd	50 Wingold Ave, Toronto 10, Ontario	RU1-6174
Foreign	Roburn Agencies Inc	431-435 Greenwich St, New York 13, NY	WO6-2130
	OXFORD ENGINEERING CORP	**478 River St. Wellesley Hills, Mass**	**CE5-7770**
	J Grimes #2 *7 A 895-1810		
	OZALID DIV GEN ANILINE & FILM CORP	**Ozalid Rd, Johnson City, NY**	**SW7-2301**
	#100 *1200 G 525-1075		
Ala	Re-Print Co	2025 1st Ave, Birmingham 3, Ala	AL1-9171
Ariz	Las Vegas Blueprint Co	207 N. 3rd St, Las Vegas, Nev	DU4-2160
Ariz	Acme Blueprint Co., Inc	517 N. 1st St, Phoenix, Ariz	AL4-7211
Ark	Triangle Blueprint & Supply Co	314 S. Cincinnati, Tulsa, Okla	LU4-6145
Ark	Wray Williams Blue Print Co	23 S. 2nd St, Memphis 3, Tenn	JA5-6353
Cal	Ozalid Div General Aniline & Film Corp	922 N. Vine St, Los Angeles 38, Cal	HO9-3921
Cal	Ozalid Div General Aniline & Film Corp	913 Harrison St, San Francisco 7, Cal	YU6-2658
Colo	Ozalid Div General Aniline & Film Corp	1932 Broadway, Denver, Colo	TA5-1323
Conn	Spaulding-Moss Co	401 Summer St, Boston 10, Mass	LI2-3000
Del	Ozalid Div General Aniline & Film Corp	1800 E. Lancaster Ave, Philadelphia, Pa	NI4-5110
DC	Ozalid Div General Aniline & Film Corp	1107 19th St, N.W., Washington 6, DC	EX3-6710
Fla	Ozalid Div General Aniline & Film Corp	614 Virginia Dr, Orlando, Fla	GA2-3184
Ga	Ozalid Div General Aniline & Film Corp	1219 Williams St, N.W., Atlanta, Ga	TR6-2351
Hawaii	Honolulu Paper Co Ltd	Ala Moana at South St, Honolulu, Hawaii	50-1711
Idaho	Abadan-Spokane	W. 415 First Ave, Spokane, Wash	MA4-0117
Idaho	Certified Blueprint & Supply Co., Inc	205 S. State St, Salt Lake City, Utah	EM4-1821
Ill	Ozalid Div General Aniline & Film Corp	1219 N. LaSalle St, Chicago 10, Ill	MI2-7510
Ind	Ozalid Div General Aniline & Film Corp	216 S. Penn St, Indianapolis 4, Ind	ME7-2481
Iowa	Ozalid Div General Aniline & Film Corp	1219 N. LaSalle St. Chicago 10, Ill	MI2-7516
Iowa	Waegler Co., Inc of Omaha	313 S. 14th St, Omaha, Neb	AT8946
Kan	Drexel Inc	612 State Ave, Kansas City, Kan	DR1-4430
Kan	Bewal Inc	470 N. Douglas, Wichita, Kan	HO4-1085
Ky	Wray William Blue Print Co	23 S. 2nd St, Memphis 3, Tenn	JA5-6353
Ky	Ozalid Div General Aniline & Film Corp	216 S Penn St, Indianapolis 4, Ind	ME7-2481
La	Crescent Blue Print Co	726 Gravier St, New Orleans, La	TU7701
La	Reproduction Supply Agency	1724 Elliott St, Alexandria, La	3-8436
Me	Spaulding-Moss Co	401 Summer St, Boston 10, Mass	LI2-3000
Md	Ozalid Div General Aniline & Film Corp	106 Stratford Ave, Pittsburgh 6, Pa	EM1-8100
Md	Ozalid Div General Aniline & Film Corp	1800 E. Lancaster Ave, Philadelphia, Pa	NI4-5110
Md	Ozalid Div General Aniline & Film Corp	1107 19th St, N.W., Washington 6, DC	EX3-6710
Mass	Spaulding-Moss Co	401 Summer St, Boston 10, Mass	LI2-3000
Mich	Ozalid Div General Aniline & Film Corp	13700 Puritan Ave, Detroit 27, Mich	VE8-9536
Minn	H A Rogers Co	817 Marquette Ave, Minneapolis 2, Minn	FE8-7655
Miss	Wray Williams Blue Print Co	23 S. 2nd St, Memphis 3, Tenn	JA5-6353
Miss	Crescent Blue Print Co	726 Gravier St, New Orleans 12, La	TU7701
Miss	Re-Print Co	2025 1st Ave, N., Birmingham, Ala	AL1-9171
Mo	Ozalid Div General Aniline & Film Corp	1477 Hampton Ave, St Louis 10	MI7-1900
Mont	Abadan-Spokane Inc	W. 415 1st Ave, Spokane, Wash	MA4-0117
Mont	Helena Blue Print Co	511 N. Rodney St, Helena, Mont	HI2-7020
Mont	Selby Reprint Co	114 N. 27th St, Billings, Mont	2-0585
Neb	Ozalid Div General Aniline & Film Corp	1932 Broadway, Denver 2, Colo	TA5-1323
Neb	Waegler Co., Inc of Omaha	313 S. 14th St, Omaha, Neb	AT8946
Nev	Ozalid Div General Aniline & Film Corp	913 Harrison St, San Francisco 7, Cal	YU6-2658
Nev	Certified Blue Print Co	205 S. State St, Salt Lake City, Utah	EM4-1821
Nev	Las Vegas Blue Print Co	207 N. 3rd St, Las Vegas, Nev	DU4-2160
NH	Spaulding-Moss Co	401 Summer St, Boston 10, Mass	LI2-3000
NJ	Ozalid Div General Aniline & Film Corp	435 Hudson St, New York 14, NY	AL5-2860
NJ	Ozalid Div General Aniline & Film Corp	1800 E. Lancaster Ave, Philadelphia, Pa	NI4-5110
NM	Ozalid Div General Aniline & Film Corp	1932 Broadway, Denver 2, Colo	TA5-1323
NM	Browning Blue Print Co	310 Taylor St, Amarillo, Tex	DR3-8343
NY	Ozalid Div General Aniline & Film Corp	435 Hudson St, New York 14, NY	AL5-2860
NY	Ozalid Div General Aniline & Film Corp	2166 James St, Syracuse, NY	HO3-0285
NY	Ozalid Div General Aniline & Film Corp	516 Curry Rd, Schenectady, NY	FR7-7536
NC	Duncan Print Makers	315 E. 7th St, Charlotte, NC	ED2-5033
NC	Ozalid Div General Aniline & Film Corp	1107 19th St, N.W., Washington, DC	EX3-6710
ND	H A Rogers Co	817 Marquette Ave, Minneapolis, Minn	FE8-7655
Ohio	Ozalid Div General Aniline & Film Corp	1465 Melrose Ave, Dayton 5, Ohio	AX9-4572
Ohio	Ozalid Div General Aniline & Film Corp	2524 Spring Grove Ave, Cincinnati 14	CH1-5110
Okla	Browning Blue Print	310 Taylor St, Amarillo, Tex	DR3-8343
Okla	Triangle Blue Print & Supply Co	314 S. Cincinnati, Tulsa, Okla	LU4-6145
Okla	Triangle Blue Print & Supply Co	525 N. Robinson St, Oklahoma City, Okla	RE6-1573
Ore	Columbia Copy Co	625 S.W. College St, Portland, Ore	CA2-6555
Ore	Abadan-Spokane	W. 415 1st Ave, Spokane, Wash	MA4-0117
Pa	Ozalid Div General Aniline & Film Corp	1800 E. Lancaster Ave, Philadelphia, Pa	NI4-5110
Pa	Ozalid Div General Aniline & Film Corp	106 Stratford Ave, Pittsburgh 6, Pa	EM1-8100
RI	Spaulding-Moss Co	401 Summer St, Boston 10, Mass	LI2-3000
SC	Duncan Print Makers	315 E. 7th St, Charlotte, NC	ED2-5033
SC	Ozalid Div General Aniline & Film Corp	1219 Williams St, N.W., Atlanta, Ga	TR6-2351
SD	The Copy Cats	175 Main St, Rapid City, SD	FI2-0425
SD	H A Rogers Co	817 Marquette Ave, Minneapolis 2, Minn	FE8-7655
Tenn	Arrow Blue Print Co., Inc	144 Third Ave, N., Nashville, Tenn	AL5-1381
Tenn	Knoxville Blue Print & Supply Co	614 Western Ave, Knoxville 2, Tenn	KN5-0463
Tenn	Wray Williams Blue Print Co	23 S. 2nd St, Memphis 3, Tenn	JA5-6353
Tex	Horn Blue Print Co	404 S. Ervay St, Dallas, Tex	RI1-5251
Tex	Nixon Blue Print Co	Box 497, Corpus Christi, Tex	TU2-2551
Tex	Yarberry's	1710 Rusk Ave, Houston 3, Tex	CA4-6916
Utah	Certified Blueprint Co	205 S. State St, Salt Lake City, Utah	EM4-1821
Vt	Spaulding-Moss Co	401 Summer St, Boston 10, Mass	LI2-3000
Va	Ozalid Div General Aniline & Film Corp	1107 19th St, N.W., Washington, DC	EX3-6710
Va	Knoxville Blue Print Co	614 Western Ave, Knoxville, Tenn	5-0463
Wash	Abadan-Spokane	W. 415 First Ave, Spokane, Wash	MA4-0117
Wash	Columbia Copy Co	625 S.W. College St, Portland, Ore	CA6555
Wash	Seattle Art & Photo Supply Inc	339 Roy St, Seattle 9, Wash	AT3-7494
W. Va	Ozalid Div General Aniline & Film Corp	106 Stratford Ave, Pittsburgh 6, Pa	EM1-8100
W. Va	Ozalid Div General Aniline & Film Corp	1107 19th St, N.W., Washington 6, DC	EX3-6710
Wisc	Ozalid Div General Aniline & Film Corp	4821 N. 32nd St, Milwaukee 9, Wisc	HI2-4640
Wyo	Certified Blueprint & Supply Co., Inc	205 S. State St, Salt Lake City 1, Utah	CH1-7347
Wyo	Selby Re-Print Co	114 N. 27th St, Billings, Mont	BI9-3327
Wyo	Ozalid Div General Aniline & Film Corp	1942 Broadway, Denver, Colo	TA5-1323
Foreign	General Aniline & Film Corp	435 Hudson St, New York 14, NY	WA4-3600
	PBR MFG CO.	**H & Luzerne Sts, Philadelphia 24, Pa**	**GA6-0932**
	135-180-230-260-520-1120-1170-1390		
Cal	Elmic Sales Inc	1921 University Ave, Palo Alto, Cal	DA1-2430
Colo	Williams & Associates Inc	2261-63 S. Albion St, Denver, Colo	SK6-9403
Ga	J E Joyner & Associates	P O. Box 13821, Sta A, Atlanta 11, Ga	PL5-4376
Mich	Electro-Motion Associates	4012 E. Nine Mile Rd, Warren, Mich	JE9-1420
NJ	Adolph Schwartz Co	15 Exchange Pl, Jersey City 2, NJ	DE3-2424
Pa	H T Bowele Associates	P.O. Box 51, Glenside, Pa	TU6-5737
Pa	H C Dorworth Jr Associates	2-A National Transit Bldg, Oil City, Pa	4-7338
Canada	E E Whittaker Co	2137 Niagara Dr, Ottawa, Ontario, Canada	1318
•	**PCA ELECTRONICS INC**	**16799 Schoenborn St, Sepulveda, Cal**	**EM2-0761**
	H Proppe #8 *120 E 320-450-460-670-875-880-1200-1830-1855		
Ala	E C Raymond & Associates	P O. Box 5215, Madeira Beach, Fla	WA1-9735
Alaska	Diga Corp	219 E. 44th St, New York 17, NY	MU2-6755
Ariz	Fryco Engineering Reps	P.O. Box 464, Scottsdale, Ariz	WH5-3281
Ark	Harry D Edmiston	P.O. Box 5832, Dallas, Tex	TA7-2053
Conn	Bordewieck & Associates	Braintree (Boston 85), Mass	VI3-0845
Del	R P Luce & Co., Inc	7 Beechwood Rd, Summit, NJ	CR3-9250
DC	R P Luce & Co., Inc	7 Beechwood Rd, Summit, NJ	CR3-9250
Fla	E C Raymond & Associates	P O. Box 5215, Madeira Beach, Fla	WA1-9735
Ga	E C Raymond & Associates	P O. Box 5215, Madeira Beach, Fla	WA1-9736
Hawaii	Diga Corp	219 E. 44th St, New York 17, NY	MU2-6755
Ill	Leroy W Beier Co	6518 W. North Ave, Chicago 35	BE7-2470
Ill	Wilbur Goll	10511 W. 56th Terr, Shawnee, Kan	RA2-2528
Ind	Scott & Steffen Inc	515 N. Pennsylvania Ave. Indpls 4	ME5-4851
Iowa	Wilbur Goll	10511 W. 56th Terr, Shawnee, Kan	RA2-2528
Kan	Wilbur Goll	10511 W. 56th Terr, Shawnee, Kan	RA2-2528
Ky	Scott & Steffen Inc	314 Francis Bldg, Louisville 2	JU3-1220
La	Harry D Edmiston	P O. Box 5832, Dallas, Tex	TA7-2053
Me	Bordewieck Engineering Sales Co	Braintree (Boston 85), Mass	VI3-0845
Md	R P Luce & Co., Inc	7 Beechwood Rd, Summit, NJ	CR3-9250
Mass	Bordewieck Engineering Sales Co	Braintree (Boston 85), Mass	VI3-0845
Mich	Burcaw-Cowan Co	22129 Grand River Ave, Detroit 19	KE3-7700
Minn	Marvin H Kirkeby Co	204 Sunnyridge Ln, Mpls 22	FR7-3239
Miss	Harry D Edmiston	P.O. Box 5832, Dallas, Tex	TA7-2053
Mo	Wilbur Goll	10511 W. 56th Terr, Shawnee, Kan	RA2-2528
Neb	Wilbur Goll	10511 W. 56th Terr, Shawnee, Kan	RA2-2528
ND	Marvin H Kirkeby Co	204 Sunnyridge Ln, Mpls 22, Minn	FR7-3239
NH	Bordewieck Engineering Sales Co	Braintree (Boston 85), Mass	VI3-0845
NJ	R P Luce & Co., Inc	7 Beechwood Rd, Summit, NJ	CR3-9250
NM	Fryco Engineering Reps	P O. Box 464, Scottsdale, Ariz	WH5-3281
NY	H C Johnson Agencies	111 Mt. Hope Ave, Rochester 20, NY	HA6-7290
NY	R P Luce & Co., Inc	7 Beechwood Rd, Summit, NJ	CR3-9250
Okla	Harry D Edmiston	P O. Box 5832, Dallas, Tex	TA7-2053
Ohio	Scott & Steffen Inc	517 Hulman Bldg, Dayton 2	BA3-2552
Ore	J K Donley Co	3215 Western Ave, Seattle 1, Wash	AT4-8313
Pa	Scott & Steffen Inc	317 Empire Bldg, Pittsbgh 22	GR1-5233
Pa	R P Luce & Co., Inc	7 Beechwood Rd, Summit, NJ	CR3-9250
RI	Bordewieck Engineering Sales Co	Braintree (Boston 85), Mass	VI3-0845
SD	Marvin H Kirkeby Co	204 Sunnyridge Ln, Mpls 22, Minn	FR7-3239
Tex	Harry D Edmiston	P O. Box 5832, Dallas, Tex	TA7-2053
Wash	J K Donley Co	3215 Western, Seattle 1	AT4-8313
Wis	Leroy W Beier Co	6518 W. North Ave, Chicago 35, Ill	BE7-2470
Vt	Bordewieck Engineering Sales Co	Braintree (Boston 85), Mass	VI3-0845
	PEK LABS INC	**4024 Transport St, Palo Alto, Cal**	**DA1-2787**
	C Keller #1 *13 C 885-895-900-990-1385-1545-1880		
Conn	Geist-Hotz, Inc	200 5th St. Stamford	DA4-7300
Del	Geist-Hotz, Inc	200 5th St. Stamford, Conn	DA4-7300
DC	Geist-Hotz, Inc	200 5th St. Stamford, Conn	DA4-7300
Ill	Cozzens & Cudahy, Inc	125 Old Orchard Arcade, Skokie	OR5-6700
Ind	Cozzens & Cudahy, Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Me	Geist-Hotz, Inc	200 5th St. Stamford, Conn	DA4-7300
Md	Geist-Hotz, Inc	200 5th St. Stamford, Conn	DA4-7300
Mass	Geist-Hotz, Inc	200 5th St. Stamford, Conn	DA4-7300
Minn	Cozzens & Cudahy, Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
NH	Geist-Hotz, Inc	200 5th St. Stamford, Conn	DA4-7300
NJ	Geist-Hotz, Inc	200 5th St. Stamford, Conn	DA4-7300
NY	Geist-Hotz, Inc	200 5th St. Stamford, Conn	DA4-7300
RI	Geist-Hotz, Inc	200 5th St. Stamford, Conn	DA4-7300
Vt	Geist-Hotz, Inc	200 5th St. Stamford, Conn	DA4-7300
Wis	Cozzens & Cudahy, Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
	PIC DESIGN CORP SUB OF BENRUS WATCH CO., INC	**477 Atlantic Ave, East Rockaway, NY**	**LY3-6470**
	P Wellenberger 150-205-245-285-310-390-535-755-895-1055-1190-1485-1690		
Cal	PIC Design Corp	P O. Box 3270, Van Nuys, Cal	ST2-6702

• INDICATES ADVERTISERS IN THIS ISSUE

FOR EXPLANATION OF SYMBOLS #* A 15 SEE PG. M

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ill	Frank Tye Sales	1035 Willow St, Chicago 14, Ill	WH4-6881
Ind	Meyer Materials Inc	4215 Millersville Rd, Indpls 5	LI5-1207
Mich	Henschen, Jensen & Co	2647 W. Grand Blvd, Detroit 2	TR1-0304
Minn	Frank W Lathy & Associates	5524 W. Walker St, Minneapolis, Minn	WE9-5161
Mo	Forristal-Young Sales	4157 Broadway, KC	VA1-5330
Ohio	John O Olsen Co	3651 Shaker Blvd, Cleve 20	SK2-5444
Okla	T J Ray Co	Box 5417, Tulsa 4	NA7-1515
Pa	Kenneth B Eckman	7908 High School Rd, Phila 17	CA4-1833
Tex	K E Luger Co	P.O. Box 5704, Houston 5, Tex	JA8-5581
For	A Pacific Intl Corp	331 E. 48th St, NY 17, NY	YU6-2244
•	**PRD ELECTRONICS INC**	**202 Tillary St, Brooklyn 1, NY**	**UL2-6800**
	H Nelson #45 *340 F 25-895-1135-1790		
Ala	Gentry Assoc	1951 Oak Ln, Orlando, Fla	GA4-0730
Ariz	PRD Electronics, Inc	1504 Centinela Ave, Inglewood, Cal	OR8-6922
Ark	Carey-Wolf Co	Box 6072, Ft. Worth 15, Tex	PE8-1702
Cal	PRD Electronics, Inc	1504 Centinela Ave, Inglewood	OR8-6922
Cal	Ault Associates	120 Santa Margarita Ave, Menlo Park	DA6-1760
Cal	David G Demaso Co	3851 Camino Dr, San Diego, Cal	AC4-2411
Conn	George Gustenhofer & Associates Inc	7 Wellington St, Waltham 54, Mass	TW4-9500
Del	Engineering Associates	2125 Maryland Ave, Baltimore 18, Md	HO7-1996
DC	Engineering Associates	412 Albee Bldg, Washington, DC	ST3-7319
Fla	Gentry Assoc	1951 Oak Ln, Orlando	GA4-0730
Ga	Gentry Assoc	1951 Oak Ln, Orlando, Fla	GA4-0730
Hawaii	J K Dooley Co	4215 Western Ave, Seattle, Wash	AT4-8313
Ill	Kenneth W Meyers Co	6713 N. Oliphant, Chicago 31, Ill	SP4-6440
Ind	Kenneth W Meyers Co	6713 N. Oliphant, Chicago 31, Ill	SP4-6440
Iowa	Kenneth W Meyers Co	6713 N. Oliphant, Chicago 31, Ill	SP4-6440
Me	George Gustenhofer & Associates Inc	7 Wellington St, Waltham 54, Mass	TW4-9500
Md	Engineering Associates	2125 Maryland Ave, Baltimore 18, Md	HO7-1996
Mass	George Gustenhofer & Associates Inc	7 Wellington St, Waltham 54, Mass	TW4-9500
Mich	Kenneth W Meyers Co	6713 N. Oliphant, Chicago 31, Ill	SP4-6440
Minn	Kenneth W Meyers Co	6713 N. Oliphant, Chicago 31, Ill	SP4-6440
NH	George Gustenhofer & Associates Inc	7 Wellington St, Waltham 54, Mass	TW4-9500
NJ	CDB Enterprises	501 Broadway, Hicksville, NY	WE8-0544
NY	CDB Enterprises	501 Broadway, Hicksville, NY	WE8-0544
NY	PRD Electronics, Inc	357 Genesee St, Utica	RE2-1220
NY	DB Assoc, Inc	3307 Erie Blvd. E, DeWitt	GI6-2220
NC	W J McDonald Co	Whippoorwill Dr, Rt 1, Pfafftown	WA4-2182
Ore	J K Dooley Co	4215 Western Ave, Seattle, Wash	AT4-8313
Pa	CDB Enterprises	1403 Arnold Ave, Roslyn, Pa	OL9-2998
RI	George Gustenhofer & Associates Inc	7 Wellington St, Waltham 54, Mass	TW4-9500
SC	W J McDonald Co	Whippoorwill Dr, Rt 1, Pfafftown, NC	WA4-2182
Tenn	W J McDonald Co	Whippoorwill Dr, Rt 1, Pfafftown, NC	WA4-2182
Tex	Carey-Wolf Co	Box 6072, Ft. Worth, Tex	PE8-1702
Vt	George Gustenhofer & Associates Inc	7 Wellington St, Waltham 54, Mass	TW4-9500
Va	Engineering Associates	2125 Maryland Ave, Baltimore 18, Md	HO7-1996
Wash	J K Dooley Co	4215 Western Ave, Seattle, Wash	AT4-8313
Wisc	Kenneth W Meyers Co	6713 N. Oliphant, Chicago 31, Ill	SP4-6440
Foreign	Sales Offices/Representatives in all principal countries		
	PRL ELECTRONICS INC	**232 Westcott Dr, Rahway, NJ**	**FU1-5800**
	A Karp #3 *12 B 255-338-345-895-915-1135-1340-1455		
Con	Ress Eng. Sales	259 Walnut St, Newtonville, Mass	LA7-4932
Del	W A Brown & Assoc, Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
DC	W A Brown & Assoc, Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Ill	Carter Assoc, Inc	4214 S. Scottsdale, Chicago 52	RE5-0777
Ind	Carter Assoc. Inc	4214 S. Scottsdale, Chicago 52, Ill	RE5-0777
Iowa	Carter Assoc. Inc	4214 S. Scottsdale, Chicago 52, Ill	RE5-0777
Me	Ress Eng. Sales	259 Walnut St, Newtonville, Mass	LA7-4932
Md	W A Brown & Assoc, Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Mass	Ress Eng. Sales	259 Walnut St, Newtonville	LA7-4932
Minn	Carter Assoc, Inc	4214 S. Scottsdale, Chicago 52, Ill	RE5-0777
NH	Ress Eng. Sales	259 Walnut St, Newtonville, Mass	LA7-4932
NJ	D R Bittan Co, Inc	104 S. Central Ave, Valley Stream, NY	LO1-2444
NY	D R Bittan Co, Inc	104 S. Central Ave, Valley Stream	LO1-2444
Ore	Fir W. Agencies	219 1st Ave. S. Seattle 4, Wash	MA4-5656
Vt	Ress Eng. Sales	259 Walnut St, Newtonville, Mass	LA7-4932
Va	W A Brown & Assoc, Inc	3610 Mt. Vernon Ave, Alexandria	TE6-1800
Wash	Fir W. Agencies	219 1st Ave. S. Seattle 4	MA4-5656
Wis	Carter Assoc. Inc	4214 S. Scottsdale, Chicago 52, Ill	RE5-0777
Can	Automotive Eng. Prod. Ltd	147 Hymus Blvd. Pte. Claire, Que	OX7-0811
For	Automotive Eng. Prod. Ltd	147 Hymus Blvd. Pte. Claire, Que	OX7-0811
	PACE CONTROLS CORP	**661 Highland Ave, Needham, Mass**	**HI4-8844**
	E Fox #3 *23 B 338-365-1165		
Cal	Melvin & Co. Inc	3843 E. Colorado Blvd, Pasadena	MU1-4591
Conn	Anderson-Stone Eng	2300 Wash. St, Newton Lower Falls, Mass	WO9-9560
Del	J E Cuesta & Co	S. Valley Rd. Box 925, Paoli, Pa	NI4-6020
DC	J B Cuesta & Co	735 15th St, NW, Washington 5	ST3-4449
Me	Anderson-Stone Eng	2300 Wash. St, Newton Lower Falls, Mass	WO9-9560
Md	J E Cuesta & Co	S. Valley Rd. Box 925, Paoli, Pa	NI4-6020
Mass	Anderson-Stone Eng	2300 Wash. St, Newton Lower Falls	WO9-9560
Minn	Lloyd F Murphy & Assoc. Inc	1940 Hennepin Ave, Mnpls 5	FR4-2350
NH	Anderson-Stone Eng	2300 Wash. St, Newton Lower Falls, Mass	WO9-9560
NJ	J E Cuesta & Co	Paoli, Pa	NI4-6020
NJ	Brogan Assoc	220 Jericho Tpke, Mineola, NY	PI7-3230
NY	Brogan Assoc	220 Jericho Tpke, Mineola	PI7-3200
Pa	J E Cuesta & Co	S. Valley Rd. Box 925, Paoli	NI4-6020
RI	Anderson-Stone Eng	2300 Wash. St. Newton Lower Falls, Mass	WO9-9560
Vt	Anderson-Stone Eng	2300 Wash. St, Newton Lower Falls, Mass	WO9-9560
Va	J E Cuesta & Co	S. Valley Rd. Box 925, Paoli, Pa	NI4-6020
Wis	Lloyd F Murphy & Assoc. Inc	1940 Hennepin Ave. Mnpls 5, Minn	FR4-2350
	PACE ELECTRICAL INSTRUMENTS CO., INC.	**70-31 84th St, Glendale 27, NY**	**DA6-3982**
	G Goldberger 895		
	For Sales Offices/Representatives - See Precision Apparatus Co., Inc.		
	PACE ENGINEERING CO	**13035 Saticoy St. N Hollywood, Cal**	**TR7-7139**
	B Holland #5 *55 D 325-895-1795-1850		
Cal	Harry Gee & Associates	5333 S. Sepulveda Blvd, Culver City, Cal	UP0-1742
Fla	Cal-Ins-Co, Inc	5728 Precision Dr, Orlando, Fla	CH1-1501
Tex	Max Daggett, Jr	Box 35152, Dallas 35	FL7-1256
	PACIFIC AUTOMATION PROD. INC.	**1200 Air Way, Glendale 1, Cal**	**CI6-2411**
	C Abbott #20 *390 F 45-190-338-365-895-915-1340		
Cal	Pacific Automation Prods. Inc	3275 Kettner Villa Rd. San Diego	BE7-3311
Colo	C F L Co	1071 S. Broadway, Denver	SP7-4301
Ind	Wright Eng. Corp	Box 22107, Indpls	
Mo	Herman J Reisler & Assoc	4806 Lackland Rd, St. Louis	HA8-3334
Tex	Associated Air Service	137 Walnut Hill Village, Dallas	FL2-2083
Wash	Ray Johnston Co	1101 E. 69th St, Seattle	LA4-5170
	PACIFIC ELECTRICORD CO	**747 W Redondo Beach Blvd, Gardena, Cal**	**FA1-6450**
	A Schott #2 *135 E 190-345-375-795-1005-1290-1315-1330-1630-1780-1960		
Ala	John V Williams Co	100 S Greer St, Memphis 11, Tenn	GL8-9125
Ariz	Norman J Fuchs	2207 W. Catalina Dr, Phoenix, Ariz	AL3-2401
Ark	John V Williams Co	100 S Greer St, Memphis 11, Tenn	GL8-9125
Cal	Loren Butler	4292 Lockville Ct, Palo Alto, Cal	DE1-0346
Colo	Scott & Bunker	1963 Wazee St, Denver, Colo	AL5-1162
Conn	Ben Blumenberg	25 Deerfield Rd, Needham 92, Mass	HI4-0847
Del	Slattery & Zebrowski Inc	8 Big Look Trail, Medford, NJ	OL4-2360
DC	Slattery & Zebrowski, Inc	18 Cavan Dr. Lutherville, Md	VA3-6330
Fla	Kurland Zager & Associates	12 W. 4th St, Hialeah, Fla	TU8-1618
Idaho	Scott & Bunker	1963 Wazee St, Denver, Colo	AL5-1162
Ill	Fred Edelston Co	14119 Merchandise Mart, Chicago, Ill	DE7-4008
Ind	Nelson J Laskitz Co	512 Chisholm Trail, Cinc. Ohio	JA2-0655
Iowa	Woodward & Frizzell	4306 Cambridge Ave, Kansas City, Kan	YE2-2442
Kan	Woodward & Frizzell	4306 Cambridge Ave, Kansas City, Kan	YE2-2442
Ky	Nelson J Laskitz Co	512 Chisholm Trail, Cinc. Ohio	JA2-0655
La	John D Godwin	5206 Alcott, Dallas, Tex	TA4-2943
La	John V Williams Co	100 S Greer St, Memphis, Tenn	GL8-9125
Me	Ben Blumenberg	25 Deerfield Rd, Needham 92, Mass	HI4-0847
Md	Slattery & Zebrowski Inc	18 Cavan Dr. Lutherville	VA3-6330
Mass	Ben Blumenberg	25 Deerfield Rd, Needham 92, Mass	HI4-0847
Minn	M J Finley	5525 Mirror Lakes Dr, Mnpls, Minn	WE9-4719
Miss	John V Williams Co	100 S Greer St, Memphis, Tenn	GL8-9125
Mo	Woodward & Frizzell	4306 Cambridge Ave, Kansas City, Kan	YE2-2442
Mont	Scott & Bunker	1963 Wazee St, Denver, Colo	AL5-1162
Neb	Woodward & Frizzell	4306 Cambridge Ave, Kansas City, Kan	YE2-2442
NH	Ben Blumenberg	24 Deerfield Rd, Needham 92, Mass	HI4-0847
NJ	Norman D Rapps	149 Park Ave, W. Caldwell, NJ	CA6-2119
NM	Norman J Fuchs	2207 W. Catalina Dr, Phoenix, Ariz	AL3-2401
NY	Norman D Rapps	149 Park Ave, W. Caldwell, NJ	CA6-2119
ND	M J Finley	5525 Mirror Lakes Dr, Mnpls, Minn	WE9-4719
Ohio	Sanford H Rose	P O Box 5452, Cleveland	SW1-2357
Ohio	Nelson J Laskitz Co	512 Chisholm Trail, Cincinnati	JA2-0655
Ore	George E Spencer	1633 N. W. 21st St, Portland 9, Ore	CA7-1715
Pa	Slattery & Zebrowski Inc	8 Big Look Trail, Medford, NJ	OL4-2360
Pa	Hy Goldstein	209 Dale Rd, Rochester 10, NY	HI8-0263
RI	Ben Blumenberg	24 Deerfield Rd, Needham 92, Mass	HI4-0847
SD	M J Finley	5525 Mirror Lakes Dr, Mnpls, Minn	WE9-4719
Tenn	John V Williams Co	100 S Greer St, Memphis	GL8-9125
Tex	John D Godwin	5206 Alcott, Dallas	TA4-2943
Utah	Scott & Bunker	1963 Wazee St, Denver, Colo	AL5-1162
Vt	Ben Blumenberg	24 Deerfield Rd, Needham 92, Mass	HI4-0847
Va	Slattery & Zebrowski Inc	18 Cavan Dr. Lutherville, Md	VA3-6330
Wash	George E Spencer	1633 N. W. 21st St, Portland 9, Ore	CA7-1715
Wisc	Fred Edelston Co	14119 Merchandise Mart, Chicago, Ill	DE7-4008
Wyo	Scott & Bunker	1963 Wazee St, Denver, Colo	AL5-1162
	PACIFIC ELECTRO-NUCLEAR CORP	**9520 Jefferson, Culver City, Cal**	**VE7-4411**
	895		
	PACIFIC ELECTRONIC CONTROLS CORP	**1001 S. Mountain Ave, Monrovia, Cal**	**EL9-3255**
	1330		
	PACIFIC MAGNETIC CORP	**Electronic Center, Rosemead, Cal**	**OL7-2637**
	895-1340-1855		
	PACIFIC MERCURY ELECTRONICS	**8345 Hayvenhurst, Sepulveda, Cal**	**EM2-3131**
	325-338-365-440-670-895-915-1340-1350		
Cal	Telemetering Corp of America	4414 Casitas St, San Diego, Cal	AC2-1753
NM	Telemetering Corp of America	White Sands Missile Range, NM	EX2-6122
	PACIFIC MOULDED PRODUCTS	**905 E. 59 St, Los Angeles, Cal**	
	1505		
	PACIFIC RELAYS INC	**13915 Saticoy Ave, Van Nuys, Cal**	**ST2-2340**
	1460		
Cal	The Thorson Co	7361 Melrose Ave, Los Angeles 46, Cal	WE4-1191
Cal	The Thorson Co	444 Olive St, San Diego, Cal	CY8-8306
Cal	The Thorson Co	2443 Ash St, Palo Alto, Cal	DA1-2414
Del	Houser Associates	188 Water St, Perth Amboy, NJ	HI2-0545
DC	Houser Associates	734-15th St, N.W., Washington, DC	ME8-0084
Md	Houser Associates	188 Water St, Perth Amboy, NJ	HI2-3159
Md	Houser Associates	734-15th St, N.W., Washington, DC	ME8-0084
NJ	Houser Associates	188 Water St, Perth Amboy, NJ	HI2-3159
NJ	Houser Associates	734-15th St, N.W., Washington, DC	ME8-0084
Ore	The Thorson Co	1767 15th Ave, S., Seattle, Wash	EA5-5000
Pa	Houser Associates	188 Water St, Perth Amboy, NJ	HI2-3159
Pa	Houser Associates	734-15th St, N.W., Washington, DC	ME8-0084
Va	Houser Associates	188 Water St, Perth Amboy, NJ	HI2-3159
Va	Houser Associates	734-15th St, N.W., Washington, DC	ME8-0084
Wash	The Thorson Co	1767-15th Ave, S., Seattle, Wash	EA5-5000
	PACIFIC RESISTOR CO	**2320 Pontius, W LA 64, Cal**	**BR2-2689**
	H Benike #3 *38 C 1475		
Ariz	H L Stevens Co	15222 Grevillea, Lawndale, Cal	SP2-1486
Ark	Blackburn Assoc	Box 13073, Dallas 20, Tex	FL1-0230
Cal	H L Stevens Co	15222 Grevillea, Lawndale	SP2-1486
Cal	C W Wright Sales Co	5901 Fulton Ave., Van Nuys	ST0-4063
Iowa	R B Burton & Co	6737 Holmes St, Kansas City 31, Mo	JA3-0227
Kan	R B Burton & Co	6737 Holmes St. Kansas City 31, Mo	JA3-0227
La	Blackburn Assoc	Box 13073, Dallas 20, Tex	FL1-0230
Mo	R B Burton Co	6737 Holmes St. Kansas City 31	JA3-0227
Neb	R B Burton Co	6737 Holmes St. Kansas City 31, Mo	JA3-0227
Okla	Blackburn Assoc	Box 13073, Dallas 20, Tex	FL1-0230
Tex	Blackburn Assoc	PO Box 13073, Dallas 20	FL1-0230
	PACIFIC SCIENTIFIC CO	**Box 22019, L A 22, Cal**	**SP3-2020**
	A Reichel #20 *366 G 15-35-190-735-895-1125-1135-1213-1305-1460-1735-1795		
Cal	Pacific Scientific Co	1346 Placentia Ave. Anaheim	
Cal	Pacific Scientific Co	1950 5th Ave, San Diego, Cal	
Cal	Pacific Scientific Co	760 Harrison, San Francisco, Cal	
Colo	Pacific Scientific Co	2110 S. Ash St, Denver, Colo	
Ga	Airsupply-Aero Engineering Co	2272 Peachtree Rd, NE, Atlanta 5	
Ill	Airsupply-Aero Engineering Co	4302 Weber Ave, Hillside	
Ind	Airsupply-Aero Engineering Co	2441 N Meridian St, Indianapolis	
Md	Air Supply-Aero Engineering Co	7215 York Rd, Baltimore, Md	
Mass	Airsupply-Aero Engineering Co	14 Spring St, Waltham	
Mich	Airsupply-Aero Engineering Co	15923 W McNichols Rd, Detroit 35	
NY	Airsupply-Aero Engineering Co	600 Old Country Rd, Garden City	
NY	Airsupply-Aero Engineering Co	2360 James St, Syracuse 6	
Ore	Pacific Scientific Co	1218 S.E. 7th Ave, Portland, Ore	
Pa	Airsupply-Aero Engineering Co	1513 Russell Rd, Paoli	
Tex	Pacific Scientific Co	702 A E. Abram St, Arlington, Tex	
Wash	Pacific Scientific Co	421 Michigan St, Seattle, Wash	
Canada	Garrett Mfg Ltd	4 Racine Rd, Rexdale, Ontario, Canada	
For	Sama	Ste-Vallier-sur Rhone (Drome) Fr	
For	Teleflex Products Ltd	Chris. Martin Rd, Basildon, Essex, Eng	
	PACIFIC SEMICONDUCTORS INC	**12955 Chadron Ave, Hawthorne, Cal**	**OS9-2281**
	S Spiegel #25C *3000 G 500-1445-1860		
Cal	Pacific Semiconductors Inc	8271 Melrose Ave, Los Angeles, Cal	OL3-7050
Cal	Pacific Semiconductors Inc	701 Welch Rd, Palo Alto, Cal	DA1-2240
Fla	Pacific Semiconductors Inc	St. Petersburg, Fla	WA1-4735
Ill	Pacific Semiconductors Inc	6957 W. North Ave, Oak Park, Ill	VI8-9750
Md	Pacific Semiconductors Inc	1811 N. Rolling Rd, Baltimore, Md	WI4-9622
Mass	Pacific Semiconductors Inc	471 Washington St, Wellesley 81, Mass	CE5-0171
Mich	Pacific Semiconductors, Inc	1204 N Woodward Ave, Royal Oak	LI8-4722
NJ	Pacific Semiconductors, Inc	870 Broadway, Newark 4	HU4-5616
NY	Pacific Semiconductors, Inc	4455 E Genesee St, Dewitt	GI6-4600
Pa	Pacific Semiconductors, Inc	4 Township Line Rd, Phila 17	PI2-4305
Tex	Pacific Semiconductors, Inc	PO Box 6067, Dallas	RI7-1254
	PACIFIC TECHNICAL CO	**2047 Sawtelle Blvd, Los Angeles 25, Cal**	
	895		
	PACIFIC TRANSDUCER CORP	**11836 W. Pico Blvd. LA 64, Cal**	**GR8-1134**
	***12 895-960-1195-1270-1795**		
	PACIFIC UNIVERSAL PRODS CORP	**168 Vista Ave, Pasadena 8, Cal**	**MU1-7646**
	C Chopnick #7 *14 B 220-315-320-900-1140-1210-1545		
	PACKARD BELL COMPUTER CORP	**1905 Armacost Ave, Los Angeles 25, Cal**	**GR8-4247**
	T Smith #78 *150 F 338-895-1150		
Ala	Medco Inc	Route 1 Box 574, Huntsville	JE9-6811
Ariz	Kittleson Co.	416 N. LaBrea Ave, Los Angeles 36, Cal	WE3-7371
Ark	Datronics Inc	3333 W Alabama, Houston, Tex	JA4-6561
Cal	Kittleson Co.	809 San Antonio Rd, Palo Alto, Cal	DA6-7410
Cal	Kittleson Co.	416 N. LaBrea Ave, Los Angeles 36, Cal	WE3-7371
Colo	Barnhill Assoc	1170 S Sheridan Blvd, Denver	
Conn	Brogan Assoc Inc	220 Jericho Turnpike, Mineola, NY	PI7-3230
Del	S S Lee Associates	2521 Ennalls Ave, Wheaton, Md	LO5-3066
DC	S S Lee Associates	2521 Ennalls Ave, Wheaton, Md	LO5-3066
Fla	MEDCO Inc	P.O. Box 216, Melbourne, Fla	PA3-7016
Ga	MEDCO Inc	P O Box 216, Melbourne, Fla	PA3-7016
Ill	Pivan Engineering	3542 W Peterson Ave, Chicago	KE9-4838
Ind	Pivan Engineering	10302 N College Ave, Indpls	VI6-1532
Iowa	Pivan Engineering	3542 W Peterson Ave, Chicago Ill	KE9-4838
Kan	Engineering Service Co	4550 Main St, Kansas City 11, Miss	JE1-7765
Ky	Pivan Engineering	3542 W Peterson Ave, Chicago 45, Ill	KE9-4838
La	Datronics Inc	3333 W Alabama, Houston, Tex	JA4-6561
Me	Anderson-Stone Engineer	200 Boylston St, Chestnut Hill, Mass	WO9-9560
Md	S S Lee Associates	2521 Ennalls Ave, Wheaton, Md	LO5-3066
Mass	Anderson-Stone Engineering	200 Boylston St, Chestnut Hill	WO9-9560
Mich	Electro Sales Assoc	15304 Mack Ave, Detroit 24	TU6-2280
Minn	Lloyd F Murphy & Assoc	1940 Hennepin Ave, Mnpls	FR4-2350
Miss	S S Lee Assoc, Inc	PO Box 7896, Orlando, Fla	CH1-4445
Mo	Engineering Service Co	6717 Vernon Ave. St. Louis 30	PA6-2233
Neb	Engineering Service Co	1305 Oakland Gardens Cedar Rapids Iowa	EM5-6183
Nev	Kittleson Co.	416 N. LaBrea Ave, Los Angeles 36, Cal	WE3-7371
NH	Anderson-Stone Engineering	200 Boylston St, Chestnut Hill, Mass	WO9-9560
NJ	Brogan Assoc, Inc	220 Jericho Turnpike, Mineola, NY	PI7-3230
NM	Kittleson Co.	P.O. Box 103, Alamogordo, NM	HE7-2780
NY	Brogan Assoc Inc	220 Jericho Turnpike, Mineola	PI7-3230
NC	S S Lee Associates	P.O. Box 906, Winston Salem, NC	ST8-0431
Ohio	Electro Sales Assoc	791 E 216th St, Euclid 23	RE2-7444
Okla	Datronics	3333 W Alabama, Houston, Tex	JA4-6561
Pa	J E Cuesta Co	Box 925, Paoli	NI4-6020
RI	Anderson-Stone Engineering	200 Boylston St, Chestnut Hill, Mass	WO9-9560
SC	S S Lee Associates	P.O. Box 906, Winston Salem, NC	ST8-0431
Tenn	S S Lee Assoc, Inc	PO Box 7896, Orlando, Fla	CH1-4445
Tex	Datronics, Inc	3333 W Alabama, Houston	JA4-6561
Utah	Barnhill Assoc	660 E 1st N, Centerville	
Vt	Anderson-Stone Engineering	200 Boylston St, Chestnut Hill, Mass	WO9-9560
Va	S S Lee Associates	2521 Ennalls Ave, Wheaton, Md	LO5-3066
W. Va	S S Lee Associates	2521 Ennalls Ave, Wheaton, Md	LO5-3066
Wis	Lloyd F Murphy & Assoc. Inc	1940 Hennepin Ave. Mnpls 5, Minn	FR4-2350
Wyo	Barnhill Assoc	660 E 1st N, Centerville, Utah	
For	Benson-Lehner (G.B.) Ltd	8 Quay Rd, Southampton, Eng	
•	**PACKARD-BELL ELECTRONICS CORP TECHNICAL PRODUCTS DIV**	**12333 W. Olympic Blvd, L A 64, Cal**	**BR2-6141**
	180-220-280-325-360-895-1255-1425-1435-1845-1870-1910		
DC	Packard Bell Electronics Corp	1000 Connecticut Ave, Washington, DC	ME8-0737
NJ	Packard Bell Electronics Corp	30 Linden Pl, Red Bank, NJ	SH1-2639
NY	Packard Bell Electronics Corp	250 Genesee St, Utica, NY	RE3-6577
Ohio	Packard Bell Electronics Corp	11 W. Monument Ave, Dayton, Ohio	BA3-1291
Wash	Packard Bell Electronics Corp	1152 Thomas St, Seattle, Wash	MA4-5320
	PACKARD ELECTRIC DIV GMC	**312 Dana Ave, Warren, Ohio**	**EX3-2502**
	J Lukin *6000 G 190-795-1980		
	PAGE COMMUNICATIONS ENGINEERS, INC	**714 14th NW, Wash 5, DC**	**FE7-7600**
	W Brehm #199 *700 G 325-1135		
DC	Arnold Rosenberg	Woodward Bldg, Wash	EX3-1174
Mass	Don Palmer	440 Marrett Rd, Lexington	VO2-7530
NJ	John Rector	3900 Bergenline Ave, Union City	UN5-1611

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	PAGE STEEL & WIRE DIV. AMER. CHAIN & CABLE CO. INC	**Box 692, Monessen, Pa**	**MU4-4000**
	T Brown *528 G 1960		
Cal	Amer. Chain & Cable Co. Inc	890 Tennessee St, SF 7	
Colo	Amer. Chain & Cable Co. Inc	4555 E. 46th Ave. Denver 16	
Ga	Amer. Chain & Cable Co. Inc	1055 W. Marietta St. NW. Atlanta 18	
Ill	Amer. Chain & Cable Co. Inc	2140 N. Hawthorne Ave. Melrose Park	
Mich	Amer. Chain & Cable Co. Inc	2401 E. 7 Mile Rd. Detroit 34	
NY	Amer. Chain & Cable Co. Inc	230 Park Ave. NY 17	
Tex	Amer. Chain & Cable Co. Inc	631 McFarland St. Houston 1	
	PAINE AVIONICS	**Rt 5, Box 610, Everett, Wash**	**FA6-3293**
	F Lewish #2 *6 A 325-338-365-895-915-1460		
	PALL CORP	**30 Sea Cliff Ave. Glen Cove, NY**	**OR1-4900**
	J Whitwell #55 *420 F 625-1220-1230-1915		
	PALMER INSTRUMENTS	**1017 Mission St, South Pasadena, Cal**	**MU2-1194**
	415-895-1215		
Cal	Engineering Liaison Assoc	3361 Barham Blvd. Hollywood 28	HO9-2283
	PALNUT CO., THE, DIV of UNITED-CARR FASTENER CORP	**77A Glen Rd, Mountainside, NJ**	**AD3-3300**
	E 645-1205-1485		
Cal	Richard C Dudek	407 N Maple Dr, Beverly Hills, Cal	BR2-8087
Ga	United-Carr Fastener Corp	45 11th St NE, Atlanta	TR4-3026
Ill	The Palnut Co	333 N Michigan St, Chicago 6, Ill	AN3-1808
Ky	United-Carr Fastener Corp	190 Colony Way, Louisville 7	TW5-1054
Mass	United-Carr Fastener Corp	Wellesley Hills 81, Mass	CE5-7410
Mich	The Palnut Co	730 W 8 Mile Rd, Detroit 20	JO4-6087
Minn	A A Gustafson	161 Griggs-Midway Bldg, St Paul 4	MI4-7630
Mo	H E McDonald	5001 N Union Blvd, St Louis 15, Mo	EV3-1941
NM	United-Carr Fastener Corp	1789 W Fulton St, Los Angeles, Cal	DU8-9619
NY	United-Carr Fastener Corp	647 S Warren St, Syracuse, NY	GR1-8315
Ohio	United-Carr Fastener Corp	2824 Euclid Ave, Cleveland 15, Ohio	TO1-7557
Pa	F E Parks & Assoc	875 Greentree Rd, Pittsburgh 20, Pa	WA2-4224
Tex	United-Carr Fastener Corp	1500 Jackson St, Dallas 1, Tex	RA5-911
Va	United-Carr Fastener Corp	475 Fifth Ave, New York 17, NY	MU5-3932
Wash	United-Carr Fastener Corp	2 N 6 Columbia, Seattle, Wash	MA2-5821
Can	P L Robertson Mfg Co, Ltd	Milton, Ont	TR8-2318
	PALO ALTO ENGINEERING CO	**620 Page Mill Rd, Palo Alto, Cal**	**DA6-5360**
	M Johnson #10 *180 E 320-335-365-450-670-895-915-1125-1330-1340-1855		
	PAMAR ELECTRONICS, INC	**1 Tenakill Park, Cresskill, NJ**	**LO8-9100**
	A Fordon #3 *8 A 1735		
Ala	Hudson Engineering Co	1831 29th Ave S, Birmingham 9	TR9-0221
Ariz	Gene D Pribble Co	3106 W Beverly Blvd, Montebello, Cal	RA3-8881
Ark	Moody-Price, Inc	2966 Lucille St, Baton Rouge, La	DI4-0511
Cal	Gene D Pribble Co	3106 W Beverly Blvd, Montebello	RA3-8881
Colo	James B Drummond Co	1060 S Cook St, Denver 9	SP7-6748
Conn	J H Bertram & Co, Inc	998 Farmington Ave, W Hartford 7	AD3-9823
Del	Shelby Jones Co Inc	511 W Chester Pike, Havertown, Pa	HI6-6650
DC	Tate Engineering Inc	516 S Eutaw St, Baltimore 1, Md	LE9-0787
Fla	Greg Moody Co	PO Box 38, Jacksonville Beach	CH6-4100
Ga	Hudson Engineering Co	1831 29th Ave. S, Birmingham 9, Ala	TR9-0221
Haw	Brown-Knecht-Heimann Co	1637 Kapiolani Blvd. Honolulu	995772
Idaho	Automation Products	N 120 Division, Spokane 2, Wash	RI7-2136
Ill	J R Simpson & Co	1212 S 17th Ave. Maywood	FI5-1613
Ind	J R Douglass Co	Box 75, Mt Healthy Sta, Cinc 31, Ohio	WE1-4986
Kan	K C Brown Co	401 Washington St, Kansas City 11, Mo	LO1-8185
Ky	J R Douglass Co	Box 75 Mt. Healthy Sta, Cinc. 31, Ohio	WE1-4986
La	Moody-Price, Inc	2966 Lucille St, Baton Rouge	DI4-0511
Me	J H Bertram & Co Inc	57 Hillside Ave, Needham Heights 94 Mass	HI4-7304
Md	Tate Engineering Inc	516 S Eutaw St, Baltimore 1	LE9-0787
Mass	J H Bertram & Co Inc	57 Hillside Ave, Needham Heights 94	HI4-7304
Mich	H E Lennon, Inc	13936 Grand River, Farmington	GR4-6624
Minn	Guy Spencer Co	4801 Caribou Dr, Hopkins	WE5-1144
Miss	Moody-Price Inc	2966 Lucille St, Baton Rouge, La	DI4-0511
Mo	Bruce Greaves Co	8787 Bridgeport Ave. St. Louis 17	WO2-1770
Mont	James B Drummond Co	1060 S Cook St. Denver 9, Colo	SP7-6748
Nev	Imco Equipment Co	5323 College Ave. Oakland 9, Cal	OL5-6073
NH	J H Bertram & Co Inc	57 Hillside Ave Needham Heights 94 Mass	HI4-7304
NJ	R S Crum & Co	1167 Globe Ave, Mountainside	AD2-4444
NM	W H Curtin & Co	4220 Jefferson Ave. Houston 1, Tex	WA3-1661
NY	Carl A Pearson Co Inc., The	232 Wilton Rd. N, Rochester 10	BU8-2526
NC	Carolina Controls Co	3911 St Mary Ave, Charlotte	376-8558
Ohio	Ohio Valve & Control, Inc	13477 Superior Ave. Cleveland 12	GL1-7535
Okla	W H Curtin & Co	4220 Jefferson Ave. Houston 11, Tex	WA3-1661
Ore	Automation Products	N 120 Division, Spokane 2, Wash	RI7-2136
Pa	Fogleman Co Inc	3841 Willow Ave. Pittsburgh 34	LE1-4005
RI	J H Bertram & Co Inc	57 Hillside Ave Needham Heights 94 Mass	HI3-7304
SC	Carolina Controls Co	3911 St Mary Ave, Charlotte, NC	376-8558
Tenn	Ridge Valve & Fitting Co	PO Box 10086, Knoxville 19	KN8-8094
Tex	W H Curtin & Co	4220 Jefferson Ave. Houston 1	WA3-1661
Utah	Imco Equipment Co	5323 College Ave. Oakland 9, Cal	OL5-6073
Vt	J H Bertram & Co Inc	998 Farmington Ave. W Hartford 7, Conn	AD3-9823
Va	Tate Engineering Inc	13 W 14th St, Richmond	BE3-7185
Wash	Automation Products	N 120 Division, Spokane 2	RI7-2136
W Va	Fogleman Co Inc	510 C St. S, Charleston 3	RI4-8401
Wis	Guy Spencer Co	4801 Caribou Dr, Hopkins, Minn	WE5-1144
Wyo	James B Drummond Co	1060 S Cook St. Denver 9, Colo	SP7-6748
For	Emil Greiner Co., The	20-26 N Moore St. New York 13, NY	WO6-4700
•	**PAN AMERICAN TRADE DEVELOPMENT CORP**	**2 Park Ave, New York 16, NY**	**MU6-7960**
	R White #5 *52 G 1385		
•	**PANDUIT CORP**	**17301 Ridgeland Ave. Tinley Park, Ill**	**HI5-3134**
	J Caveney #2 *13 B 285-545-1985		
Ala	H K Dewees Co	Box 8276, Sta F, Atlanta 6, Ga	TR5-2753
Ariz	Howe & Howe	Box 10497, Phoenix 16	AM5-9185
Ark	Harold Furtney Co	4129 Peoria, Tulsa, Okla	RI7-6490
Cal	Walter Corliss	7432 W 80th St, Los Angeles, Cal	OR0-2520
Cal	Campbell & Giesler Co	1601 Cortland Ave, San Francisco, Cal	MI8-1206
Colo	Ray E Cathey Co	1789 Fulton St. Denver 8	FR7-3740
Conn	Arthur T Hatton Assoc, Inc	100 Farmington Ave. West Hartford	AD3-3613
Del	Naudain Bohaker & Co	Suburban Sta Bldg, Philadelphia, Pa	LO4-3194
DC	Naudain Bohaker & Co	Suburban Sta Bldg, Philadelphia, Pa	LO4-3194
Ga	H K Dewees Co	PO Box 8276, Sta F, Atlanta 6	TR5-2753
Idaho	E H Sosine Co	3618-39th Ave, W., Seattle, Wash	AT3-9817

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ill	Hill & Gray, Inc	821 Garfield, Oak Park	EU3-0373
Ind	Forrest C Valentine, Inc	511 Ft Wayne Bank Bldg, Ft Wayne	AN9122
Iowa	Heimann Co	1711 Hawthorne, Minneapolis 3, Minn	FE2-6457
Kan	Heimann Co	1711 Hawthorne, Minneapolis 3, Minn	FE2-6457
Ky	Forrest C Valentine, Inc	511 Ft Wayne Bank Bldg, Ft Wayne, Ind	AN9122
La	Hahn Sales Co	PO Box 2905, Istrouma Sta, Baton Rouge	
Me	Arthur T Hatton Assoc, Inc	100 Farmington Ave, West Hartford, Conn	
Md	Naudain Bohaker & Co	Suburban Sta Bldg, Philadelphia, Pa	LO4-3194
Mass	Arthur T Hatton Assoc, Inc	100 Farmington Ave, West Hartford, Conn	AD3-3613
Mich	Koehler-Pinnore Inc	11533 Hamilton Ave, Detroit, Mich	TO8-3322
Minn	Heimann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-6457
Miss	Hahn Sales Co	Box 2905, Istrouma St, Baton Rouge, La	
Mo	Heimann Co	1711 Hawthorne, Minneapolis 3, Minn	FE2-6457
Neb	Heimann Co	1711 Hawthorne, Minneapolis 3, Minn	FE2-6457
NH	Arthur T Hatton Assoc, Inc	100 Farmington Ave, West Hartford, Conn	AD3-3613
NJ	Cliver Sales Engineering Co	213 Edgewood Ave, Westfield, NJ	AD2-6284
NM	Ray E Cathey Co	1789 Fulton St. Denver 8, Colo	FR7-3740
NY	R W Mitscher Co	Ellicott Sq Bldg, Buffalo	TL4-2517
NC	H K Dewees Co	PO Box 8276, Sta F, Atlanta 6, Ga	TR5-2753
ND	Heimann Co	1711 Hawthorne, Minneapolis 3, Minn	FE2-6457
Ohio	Forrest C Valentine, Inc	511 Ft Wayne Bank Bldg, Ft Wayne, Ind	AN9122
Okla	Harold Furtney Co	4129 Peoria, Tulsa	RI7-6490
Ore	E H Sosine Co	3618-39th Ave, W., Seattle, Wash	AT3-9817
Pa	Naudain Bohaker & Co	Suburban Sta Bldg, Philadelphia, Pa	LO4-3194
RI	Arthur T Hatton Assoc, Inc	100 Farmington Ave. West Hartford, Conn	AD3-3613
SC	H K Dewees Co	PO Box 8276, Sta F. Atlanta 6, Ga	TR5-2753
SD	Heimann Co	1711 Hawthorne, Mpls, Minn	FE2-5457
Tenn	H K Dewees Co	PO Box 8276, Sta F, Atlanta 6, Ga	TR5-2753
Tex	Burrus & Matthews	1116 Nagle St, Houston, Tex	
Tex	Burrus & Matthews	1116 Nagle St. Houston	CA7-4173
Utah	Ray E Cathey Co	1789 Fulton St. Denver 8, Colo	FR7-3740
Vt	Arthur T Hatton Assoc, Inc	100 Farmington Ave. West Hartford, Conn	AD3-3613
Va	Naudain Bohaker & Co	Suburban Sta Bldg, Philadelphia, Pa	LO4-3194
Wash	E H Sosine Co	3618-39th Ave, W., Seattle, Wash	AT3-9817
W Va	Brown Elec Eqpt Co	1612 Potomac Ave, Pittsburgh 16, Pa	LO3-4444
Wis	Martin J Mercer	PO Box 24, Wauwatosa 13	BR2-2411
Wyo	Ray E Cathey Co	1789 Fulton St. Denver 8, Colo	FR7-3740
Can	J J MacQuarrie	167 College St. Toronto 28, Ont	WA1-2493
	PANELYTE DIV ST. REGIS PAPER CO	**N. Enterprise Ave, Trenton 8, NJ**	**EX2-2182**
	D Sweet #25 *500 G 975-1220-1290		
Ariz	Electrical Specialty Co	6546 W Windsor Blvd, Glendale	
Cal	Electrical Specialty Co	2020 E. 12th St, Los Angeles, Cal	AN9-9511
Cal	Electrical Specialty Co	158-168 Eleventh St, San Francisco, Cal	HE1-8450
Colo	Electrical Specialty Co	2026 Arapahoe, Denver 5, Colo	CH4-4588
DC	A R Oberhofer	8227 Woodmont Ave, Wash	OL4-8976
Ill	H E Larson	7314-18 N Ridgeway Ave, Skokie	OR5-7337
Mass	J P Brennan	167 Corey Rd, Brookline, Mass	AS7-8671
Mich	R A Infanger	15631 W. McNichols Rd, Detroit 35, Mich	BR3-6240
Mo	F R Hearn Co	5671 Chippewa St, St Louis, Mo	MU1-8135
Mo	Panaloy Co	1627 Main St, Kansas City	VI2-7944
NY	F M Singer	360 Lexington Ave, New York 17, NY	OX7-4400
Ohio	A Tischmann	1723 Section Rd, Cincinnati	EL1-1410
Ohio	V V Krom	3737 Chester Ave, Cleveland	EX1-9151
Ore	Electrical Specialty Co	1022 NW 25th Ave, Portland	CA7-3601
Vt	R A Knowlton	Stoneledge Farm, N. Ferrisburg, Vt	VA5-2651
Wash	Electrical Specialty Co	2442 First Ave So, Seattle	MU2-3434
Wis	Hamlet & Smith	1324 W Wisconsin, Milwaukee	DI2-4665
	PANOB CORP	**49 Beech St. Port Chester, NY**	**WE9-3066**
	C Porschke #1 *22 35-1245		
Ill	PGM Component Sales	2842 N Sheridan Dr. Chicago	
Mass	W B Palioca Co	Lexington	
NJ	Jack Onore	24th D Village, Union	
•	**PANORAMIC ELECTRONICS INC**	**520 S Fulton Ave. Mt Vernon, NY**	**OW9-4600**
	B Schlessel #15 *150 E 25-200-895-1915		
Cal	Carl A Stone Associates Inc	8971 Natl Blvd, Los Angeles, Cal	UP0-7777
Cal	Carl A Stone Assoc, Inc	825 N San Antonio Rd, Palo Alto	DA6-0057
Conn	Instrument Assoc	734 Asylum Ave, Hartford	CH6-5966
Fla	Arthur H Lynch Associates	475 Danley Dr, Page Pk, Ft. Myers, Fla	VE6-2101
Mass	Instrument Assoc	30 Park Ave, Arlington 74	MI8-2922
Nev	Carl A Stone Associates Inc	8971 Natl Blvd, Los Angeles, Cal	UP0-7777
Can	Whittaker Electronics Ltd	2137 Norgate Dr, Ottawa, Ont	
For	Audiola	180 Ave Du Gl Onen, Paris, Fra	
For	Matsushita Electric Trading Co	41-1 Chome, Tenjinbashi, Suji, Kita-Ku, Osaka, Jap	
For	George H Sample & Sons, Ltd	17-19 Anthony St, Melbourne, Aus	
For	Seyffer & Co., Inc	Badenstr 265, Zurich, Swit	
For	Larir Soc. R.I.	Piazza 5, Giornate 1, Milan, Italy	
For	Schneider, Henley & Co	Munchen 2, Maximiliansplatz 12A, W Ger	
	PARABAM DIV., HOUSTON FEARLESS CORP	**12822 Yukon Ave. Hawthorne, Cal**	**OS9-3393**
	T Feeney #6 *30 D 895-1135-1290-1810		
Ala	Candor Co	2080 Beach St, Winston-Salem, NC	PA2-1432
Ariz	Landis Associates	1531 S Robertson Blvd, L A, Cal	CR4-8185
Ark	Industrial Associated Electronics Inc	5007 E. Lancaster, Ft. Worth, Tex	JE1-1132
Cal	Landis Assoc	8588 W Washington Blvd. Culver City	UP0-8697
DC	Tyler Griffin Co	325 S. Fairfield Rd, Devon, Pa	NE8-4821
Fla	Candor Co	2080 Beach St, Winston-Salem, NC	PA2-1432
Ga	Candor Co	2080 Beach St, Winston-Salem, NC	PA2-1432
Kan	Industrial Associated Electronics Inc	5007 E. Lancaster, Ft. Worth, Tex	JE1-1132
La	Industrial Associated Electronics Inc	5007 E. Lancaster, Ft. Worth, Tex	JE1-1132
NJ	Herbert Shprentz Co	Box 147, Scarsdale, NY	SC5-0485
NJ	Tyler Griffin Co	325 S. Fairfield Rd, Devon, Pa	NE8-4821
NM	Industrial Associated Electronics Inc	5007 E. Lancaster, Ft. Worth, Tex	JE1-1132
NY	Herbert Shprentz Co	P. O. Box 147, Scarsdale, NY	SC5-0485
NC	Candor Co	2080 Beach St, Winston-Salem, NC	PA2-1432
Okla	Industrial Associated Electronics	5007 E. Lancaster, Ft. Worth, Tex	JE1-1132
Pa	Tyler Griffin Co	325 S. Fairfield Rd, Devon, Pa	MU8-4821
Tenn	Candor Co	2080 Beach St, Winston-Salem, NC	PA2-1432
Tex	Industrial Associated Electronics Inc	5007 E. Lancaster, Ft. Worth, Tex	JE1-1132
Foreign	Industrial Imports Ltd	Box 1271, Central Post Office, Tokyo, Japan	
	PARAGON-REVOLUTE DIV OF CHARLES BRUNING CO., INC	**71 South Ave, Rochester 4, NY**	**BA5-2480**
	1075		
Cal	G M Estabrook	75 Industrial St, San Francisco 24, Cal	VA4-4300

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	N F Wolcott	855 Cahuenga Blvd, Los Angeles 38, Cal	HO2-7161
Colo	R B Metcalfe	352 Santa Fe Dr, Denver, Colo	AC2-4554
DC	J O Schweizer	2311 "M" St, N.W., Washington 6, DC	FE7-2400
Ga	J W Spears	411 Williams St, N.W., Atlanta, Ga	JA5-3555
Hawaii	Girard D Bergh	317 Kamakee St, Honolulu, Hawaii	501-865
Ill	R W Sullivan	300 W. Congress Pkwy, Chicago 7, Ill	HA7-5353
Ind	F J Baker	1915 W. 16th St, Indianapolis 7, Ind	ME9-2521
Kan	C E Dillon	2546 Broadway, Kansas City 8, Kan	HA1-8005
MD	J O Schweizer	650 N. Point Rd, Baltimore 5, Md	DU2-2400
Mass	L W DeGraff	965 Commonwealth Ave, Boston 15, Mass	ST2-5880
Mich	C S Pennoyer	2335 E. Grand Blvd, Detroit 11, Mich	TR3-6600
Mo	C E Dillon	2625 Olive St, St. Louis 3, Mo	JE5-7885
NY	R W Bristol Inc	370 Seventh Ave, New York, NY	CH4-4437
Ohio	J A Salisbury	1815 St. Clair Ave, Cleveland 14, Ohio	CH1-2902
Ore	J H LeSueur	2136 S.W. Fifth Ave, Portland 1, Ore	CA6-6533
Pa	S Q Grady	921 Ridge Ave, Pittsburgh 12, Pa	FA1-2011
Pa	S M Gartland	7700 Dugan Rd, Philadelphia, Pa	PI2-1200
Tex	W K Miller	3522 Polk Ave, Houston 1, Tex	CA4-6145
Tex	W K Miller	1936 McKinney at Harwood, Dallas, Tex	RI8-9541
Wash	J H LeSueur	5001 Fourth Ave, S., Seattle 8, Wash	PA5-4450
Wisc	W F Schreiber	530 N. Ninth St, Milwaukee 3, Wis	BR1-3400
•	**PARAMOUNT PAPER TUBE CORP**	**614 Lafayette St, Ft. Wayne, Ind**	**A-4197-8**
	R Weimer #2 *30 C 1890		
Ariz	Electrical Specialty Co	210 W. Adams St, Phoenix, Ariz	
Cal	Electrical Specialty Co	2020 E. 12th St, Los Angeles, Cal	AN9-9511
Cal	Electrical Specialty Co	158-168 11th St, San Francisco, Cal	HE1-8450
Colo	Electrical Specialty Co	2026 Arapahoe St, Denver 5, Colo	CH4-4588
Conn	R S Pettigrew & Co	10 N. Main St, W. Hartford 7, Conn	AD3-8533
Me	R S Pettigrew & Co	10 N. Main St, W. Hartford 7, Conn	AD3-8533
Mass	R S Pettigrew & Co	45 Main St, Natick, Mass	
NH	R S Pettigrew & Co	10 N. Main St, W. Hartford 7, Conn	AD3-8533
NJ	Mel Schwartz	39-16 Tierney Pl, Fairlawn, NJ	FA1-3435
NY	Mel Schwartz	39-16 Tierney Pl, Fairlawn, NJ	FA1-3435
Ore	Electrical Specialty Co	1022 N.W. 14th Ave, Portland 9, Ore	CA7-3601
Tex	Lawrence Sales Co	Box 10026, Dallas 20, Tex	FL2-7484
Vt	R S Pettigrew & Co	10 N. Main St, W. Hartford 7, Conn	AD3-8533
Canada	Lake Engineering Co	767 Warden Ave, Scarborough, Ont, Canada	PL7-3253
•	**PARAMOUNT PRODUCTS CO., INC**	**759 Ramsey Ave, Hillside 5, NJ**	**MU8-8150**
	A Kosboek *12 A 1875		
•	**PARAPLEGICS MFG CO INC**	**304 N York Rd. Bensenville, Ill**	**PO6-0350**
	H Bundtsen #2 *88 D 895-1075-1150-1810-1960		
	PAR-METAL PRODUCTS CORP	**32-62 49th St, Long Island City, 3, NY**	**AS8-8905**
	A Parnet #1 *75 D 180-895-1245-1390		
Ala	James Millar Associates	1036 Peachtree St, N.E., Atlanta, Ga	
Conn	Stanley A Harris Co	1241 Highland Ave. Needham 92, Mass.	
Fla	James Millar Associates	1036 Peachtree St, N.E., Atlanta, Ga	
Ga	James Millar Assoc	1036 Peachtree St. NE. Atlanta 9	
Ill	Wm T McGary	6635 Delmar Blvd. St. Louis 5, Mo	
Ill	Oren H Smith Co	221 W. Huron St, Chicago 10, Ill	
Ind	Oren H Smith Co	221 W. Huron St, Chicago 10, Ill	
Ky	Scott & Steffan Inc	1836 Euclid Ave. Cleve 15, Ohio	
La	James Millar Associates	1036 Peachtree St, N.E., Atlanta, Ga	
Me	Stanley A Harris Co	1241 Highland Ave, Needham 92, Mass	
Mass	Stanley A Harris Co	1241 Highland Ave, Needham 92, Mass	
Miss	James Millar Associates	1036 Peachtree St, N.E., Atlanta, Ga	
Mo	W T McGary	6635 Delmar Blvd, St. Louis 5, Mo	
NH	Stanley A Harris Co	1241 Highland Ave, Needham 92, Mass	
NC	James Millar Associates	1036 Peachtree St, N.E., Atlanta, Ga	
Ohio	Scott & Steffan Inc	1836 Euclid Ave, Cleveland 15, Ohio	
Pa	Scott & Steffan Inc	1836 Euclid Ave. Cleve 15, Ohio	
RI	Stanley A Harris Co	1241 Highland Ave, Needham 92, Mass	
SC	James Millar Associates	1036 Peachtree St, N.E., Atlanta, Ga	
Tenn	James Millar Associates	1036 Peachtree St, N.E., Atlanta, Ga	
Vt	Stanley A Harris	1241 Highland Ave, Needham 92, Mass	
W Va	Scott & Steffan Inc	1836 Euclid Ave. Cleve 15, Ohio	
Wis	Oren H Smith Co	221 W. Huron St. Chicago 10, Ill.	
	PAR PRODUCTS CORP	**602 Colorado Ave, Santa Monica, Cal**	**EX4-4219**
	C Hollowell #2 *8 A 200-895-1210-1430-1610		
Cal	R J Ralph Co	1028 19th St. Santa Monica	EX5-2809
Mo	Thomson Eng Service	8230 Forsyth Blvd. St Louis 5	
Tex	Thomson Eng Service	2520 Oak Lawn, Dallas 19	LA6-8741
	PARK ELECTRO CHEMICAL CORP	**34-10 Linden Pl. Flushing 54, NY**	**FL9-7000**
	W Bogoslu #10 *225 E 1190-1245		
Conn	Hugh McCann	3 Hazelnut Rd, Westport, Conn	CA7-0787
Fla	Cy G Coppage	P.O. Box 95, Winter Park, Fla	MI4-6842
Ill	Burton Glitz	331 N Austin Blvd, Chicago	MA6-9474
Ind	Hunter & Dunn	430 Merchants Bank Bldg, Indianapolis 4,	ME6-6514
Mass	Alan White	Box 198, Forest Pk Sta, Springfield	ST3-1431
Mich	Gillespie Sales Eng Co	515 Cambridge Blvd SE, Grand Rapids	GL4-9511
Mich	G S Staunton & Co., Inc	1025 E. Maple, Birmingham, Mich	JO6-3833
Minn	Wood Clemons Co	1645 Hennepin Ave, Minneapolis 3, Minn	FE9-0777
Mo	Rees Lewis	317 N. Taylor Ave, St. Louis 8, Mo	FO1-6554
NH	Allan White	Forest Park Sta, Springfield, Mass	ST3-1431
NY	William Murphy	89 Crest Rd, N. Merrick, NY	CA1-2826
NY	Dynatherm Co	607 N Commercial St, E. Rochester, NY	LU6-9082
NC	The Hilker Co	P.O. Box 5211, Winston-Salem, NC	PA4-2984
Ohio	John Torrence	1785 Andover Rd, Columbus	HU6-3446
Ohio	John Browning	P.O. Box 3, Elyria, Ohio	FA2-3570
Pa	Martin J Egan	237 Kenilworth Ave, Philadelphia 20, Pa	LI8-8461
Wisc	Dean Sparks	2565 N. Terrace Ave, Milwaukee 11, Wisc	FR2-1356
	PARKER-KALON DIV. GEN AMER TRANSP CORP	**1 Peekay Dr. Clifton, NJ**	**GR1-1000**
	P McSherry #10 *800 1535		
Cal	Eugene Pitcher	24 Key Ct. Oakland	
Cal	Jack Meuntzer	1730 Meridian Ave. S Pasadena	
Cal	Walter Whitaker	2652 S. Grand Ave, Los Angeles, Cal	
Colo	Henry Hansen	1951 Ragan St. Denver	
Ga	Dan Dwiggins	P O Box 352, Sandy Springs	
Ill	William Cowen	4331 N. Lake St, Chicago, Ill	
Ill	Robert Carpenter	7812 S Paxton Ave. Chicago 49	
Ind	Richard Knoblock	Box 499, RR #5, Terre Haute	
Mass	Jack O'Donnell	990 Memorial Dr. Cambridge	
Mich	Joseph Berger	54 E. Andersen Ct, Hazel Park, Mich	

• INDICATES ADVERTISERS IN THIS ISSUE

FOR EXPLANATION OF SYMBOLS # * A 15 SEE PG. M

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Mo	Richard [illegible]	[illegible] St. Louis, Mo	
NJ	Elber [illegible]	[illegible] Ave, Verona, NJ	
NY	Allen Dickson	[illegible], NY	
NY	Jack [illegible]	[illegible] Ave, Syracuse, NY	
NC	[illegible] Pritchard	[illegible] Dr, Charlotte 9	
Ohio	Richard [illegible]	[illegible] Rd, Ashtabula	
Pa	[illegible]	[illegible] Rd, Philadelphia	
Tex	[illegible] Inc	2712 W. [illegible] Ln, Dallas, Tex	
Wis	Robert [illegible]	[illegible], Milwaukee	
	PARKER METAL GOODS CO	**85 Prescott St, Worcester, Mass**	
	B Sesby #6 *200 45-1170-1735		
	PARKER SEAL CO	**10567 W.Jefferson Blvd, Culver City, Cal**	**VE9-1161**
	T McCristina #13 *900 G 85-750-780-905-1540-1545-1550-1555-1560-1570-1940		
Ala	R R [illegible]	[illegible] Dr, Atlanta 19, Ga	BL5-6467
Ariz	Hal [illegible]	416 Glencrest Dr. Solana Beach, Cal	[illegible]5-1423
Ark	Robert C [illegible]	[illegible], Houston [illegible], Tex	MA3-[illegible]
Colo	Milt [illegible]	[illegible], Wichita, Kan	PA2-1484
Conn	Jack [illegible]	[illegible] Pines Lake Dr E, Wayne, NJ	TE5-8336
Del	Hal [illegible]	1215 W Pine St, Trevose, Pa	EL7-5694
Ga	R R [illegible]	[illegible] Dr, Atlanta 19	BL5-6467
Ill	[illegible]	[illegible] Ct, St Louis 41, Mo	HE2-2075
Ind	Robert Cutting	1715 Baldwin, Ann Arbor, Mich	NO2-3315
Kan	M Fassnacht	[illegible] St, Wichita	PA2-1484
Ky	Richard [illegible]	4745 Wyandotte Trail, Indpls, Ind	TI9-3657
Me	Albert [illegible]	5 O'Connell Rd, Newton Centre, Mass	DE2-4339
Mass	Albert A [illegible]	5 O'Connell Rd, Newton Centre	DE2-4339
Mich	Art [illegible]	[illegible], Birmingham	MI7-2248
Minn	Joseph Bower	[illegible] E [illegible] St, Milwaukee 17, Wis	ED2-5444
Mo	Don McDowell	1 Media Ct, St Louis 14	HE2-2075
Nev	Robert [illegible]	1447 [illegible] Ave, Los Altos, Cal	YO8-4166
NJ	J [illegible]	[illegible] Pines Lake Dr E, Wayne	TE5-8336
NY	Ed W [illegible]	2 [illegible] Dr, Fairport 1	FR7-14[illegible]
Ore	[illegible]	[illegible], Santa Monica, Cal	EX3-3641
Pa	William A Taylor	[illegible] Tunnelview Dr, Pittsburgh 35	SY3-7415
Tex	John [illegible]	[illegible], Dallas 35	FL7-1125
Wis	J Bower	[illegible] E [illegible] St, Milwaukee 17	ED2-5444
For	Parker Intl Div	10567 Jefferson Blvd, Culver City, Cal	UP0-[illegible]
	PARKS LAB, HENRY FRANCIS	**7544 23rd Ave NE, Seattle 15, Wash**	**LA3-4832**
	L Moran #5 *21 A 360-895-1340		
Ariz	Pacific Transducer Corp	11836 W. Pico Blvd, Los Angeles 64, Cal	GR8-1134
Ariz	Pacific Coast Instrument Co	256 Mission St, San Francisco, Cal	SU1-3181
Cal	Pacific Transducer Corp	11836 W. Pico Blvd, Los Angeles 64, Cal	GR8-1134
Cal	Pacific Coast Instrument Co	256 Mission St, San Francisco, Cal	SU1-3181
Mont	Scientific Supplies Co	600 Spokane St, Seattle 4, Wash	MU2-3460
Ill	Arthur S LaPine & Co	6001 S. Knox Ave, Chicago 29, Ill	RE5-4700
Ind	Arthur S LaPine & Co	6001 S. Knox Ave, Chicago 29, Ill	RE5-4700
Iowa	Arthur S LaPine & Co	6001 S. Knox Ave, Chicago 29, Ill	RE5-4700
Ky	Arthur S LaPine & Co	6001 S. Knox Ave, Chicago 29, Ill	RE5-4700
Mich	Arthur S LaPine & Co	6001 S. Knox Ave, Chicago 29, Ill	RE5-4700
Mo	Arthur S LaPine & Co	6001 S. Knox Ave, Chicago 29, Ill	RE5-4700
Minn	Scientific Supplies Co	600 Spokane St, Seattle 4, Wash	MU2-3460
NM	Pacific Transducer Corp	11836 W. Pico Blvd, Los Angeles 64, Cal	GR8-1134
NM	Pacific Coast Instrument Co	256 Mission St, San Francisco, Cal	SU1-3181
NY	Lafayette Radio Inc	165-08 Liberty Ave, Jamaica 33	AX1-7000
Ore	Scientific Supplies Co	600 Spokane St, Seattle 4, Wash	MU2-3460
Pa	Pierce Foundry Supply & Sand Co	Ashland & Lewis Sts, Phila 24	JE5-1012
Pa	Herbach & Rademan Inc	1204 Arch St, Phila 7	LO7-4309
Tex	Pacific Transducer Corp	11836 W. Pico Blvd, Los Angeles 64, Cal	GR8-1134
Tex	Pacific Coast Instrument Co	256 Mission St, San Francisco, Cal	SU1-3181
Utah	Pacific Transducer Corp	11836 W. Pico Blvd, Los Angeles 64, Cal	GR8-1134
Utah	Pacific Coast Instrument Co	256 Mission St, San Francisco, Cal	SU1-3181
Wash	Scientific Supplies Co	600 Spokane St, Seattle 4, Wash	MU2-3460
Wis	Automation Eng Co	4967 W [illegible] Dr, Milwaukee 23	FL5-8097
Wisc	Arthur S LaPine & Co	6001 S. Knox Ave, Chicago 29, Ill	RE5-4700
For	Regulation-Mesure SPRL	56 rue des [illegible], Bruxelles 15, Belg	70.79.89
Foreign	Modern Agriculture Co	3504 Georgetown Sta, Washington, DC	FE7-4800
	PARKWAY SPECIALTIES CO	**22519 Plymouth Rd, Detroit 39, Mich**	**KE5-0796**
	P Wallace 55-180-360-765-1290-1295-1675-1780		
Alas	McMillan Electronics	10111 SW. 62nd Ave, Portland 19, Ore	CH4-7830
Ariz	Mor-Rep-Co	Box 3244 Granada Hills, Cal.	
Cal	Mor-Rep-Co	Box 3244 Granada Hills	
Conn	Frank S Walker Sales	175 Woodlawn St, W. Hartford 10	AD2-0119
Del	Sunday & O'Brien	15 Potter St, Haddonfield, NJ	HA9-4013
DC	Sunday & O'Brien	15 Potter St, Haddonfield, NJ	HA9-4013
Ill	Walter F Marsh & Assoc, Inc	244 Chicago Ave, Oak Park	EU6-2967
Ind	Schrader - Dolber Co	249 Lake St, Del, Ohio	363-7332
Iowa	F C Somers & Co	17th & Main, KC 8, Mo	GR1-1355
Mass	Frank S Walker	175 Woodlawn St, West Hartford 10, Conn	
Mich	Jim Malcolm Films Inc	N. Territorial, Plymouth	GS3-4296
Mo	F C Somers & Co	17th & Main, KC	GR1-1355
NH	Frank S Walker	175 Woodlawn St, W. Hartford 10, Conn	
NJ	Sunday & O'Brien	15 Potter St, Haddonfield	HA9-4013
NY	William W Ferguson	217 Fayette St, Manlius	
NC	Ralph B Knollenberg	203 N. Brevard St, Charlotte	
Ore	McMillan Electronics	10111 S. 62nd Ave, Portland 19	CH4-7830
RI	Frank Walker	175 Woodlawn, W. Hartford 10, Conn	
	PARSONS CO., RALPH M ELECTRONICS DIV	**151 S.DeLacey Ave, Pasadena, Cal**	**MU1-0461**
	C Burns #38 *200 35-325-365-440-450-670-895-1870		
Ala	Ralph M Parsons Co Electronics Div	500 [illegible] Rd, N.W., Huntsville, Ala	
DC	Ralph M Parsons Co Electronics Div	1000 Sixteenth St, N.W., Wash, DC	
	PARTRICK & WILKINS CO	**53 N. Seventh St, Philadelphia, Pa**	**WA5-7985**
	J Kemble *25 A 40-895-1380-1735		
	PATTON-MAC GUYER CO	**17 Virginia Ave, Providence 5, RI**	**HO1-1550**
	M Gray #4 *50 D 1075-1120-1780		
Ariz	Bob Bray	18 N Mentor Ave, Pasadena, Cal	
Cal	Bob Bray	18 N Mentor Ave, Pasadena	
Conn	William Y W Magruder	River Rd, Essex	SO7-1703
Fla	Manufacturers Sales Co	110 W Fisher Ave, Greensboro, NC	GR4-1401
Ill	W F E Bomke Sales Co	6966 W North Ave, Chicago 35	ME7-8433
Ind	W F E Bomke Sales Co	6966 W North Ave, Chicago 35, Ill	ME7-8433
Ky	Steve Hillebrant	8905 Lake Ave, Cleveland 2, Ohio	
Me	Henry Sessions	17 Virginia Ave, Providence 5, RI	HO1-1550
Md	Harry Corcoran	54 E Morris Ave, Mount Tabor, NJ	OA7-4146
Mass	Henry Sessions	17 Virginia Ave, Providence 5, RI	HO1-1550
Mich	L C Nyman & Co	Box 67, Kensington Sta, Detroit 24	TU1-7830
Mo	M L Seyffert & Associates	Box 32, Webster Groves Sta, St Louis 19	
NH	Henry Sessions	17 Virginia Ave, Providence 5, RI	HO1-1550
NJ	Harry Corcoran	54 E Morris Ave, Mount Tabor	OA7-4146
NY	Harry Corcoran	54 E Morris Ave, Mount Tabor, NJ	OA7-4146
NC	Manufacturers Sales Co	110 W Fisher Ave, Greensboro	GR4-1401
Ohio	Steve Hillebrant	8905 Lake Ave, Cleveland 2	
Pa	Harry Corcoran	54 E Morris Ave, Mount Tabor, NJ	OA7-4146
RI	Henry Sessions	17 Virginia Ave, Providence	HO1-1550
SC	Manufacturers Sales Co	110 W Fisher Ave, Greensboro, NC	GR4-1401
Tenn	Steve Hillebrant	8905 Lake Ave, Cleveland 2, Ohio	
Vt	Henry Sessions	17 Virginia Ave, Providence, RI	HO1-1550
Va	Manufacturers Sales Co	110 W Fisher Ave, Greensboro, NC	GR4-1401
W Va	Steve Hillebrant	8905 Lake Ave, Cleveland 2, Ohio	
Wis	W F E Bomke Sales Co	6966 W North Ave, Chicago 35, Ill	ME7-8433
	PATWIN DIV PATENT BUTTON CO	**41 Brown St, Waterbury 20, Conn**	**PL6-3636**
	F Stratton #3 *20 A 895		
Cal	Instrument [illegible]	833 Orangethorpe, Anaheim	TR1-2491
Cal	Irving Ballard Co., The	407 Sansome St, San Francisco 11	SU1-1781
Ga	Cartwright & Bean	3222 Cain's Mill Pl, N.W., Atlanta 5, Ga	
Mass	Howard Jaipe	37 Hillcrest Rd, Wakefield, Mass	
Mo	Norman W Kathrinus	4356 Duncan St, St. Louis 10, Mo	
NY	S Wimpie & Associates Inc	510 W. Boston Post Road, Mamaroneck, NY	
Ohio	Lee Sales Co	4447 Needmore Rd, Dayton 24	BE3-1526
Pa	W Scholes	P.O. Box [illegible], Cheltenham	PI5-2765
Pa	Lee Sales Co	4447 Needmore Rd, Dayton 24, Ohio	BE3-1526
Tex	Servo/Electronics Prods Co	P.O. Box 13371, Dallas 20	FL1-0430
Wash	C B Parsons	3002 First Ave, Seattle, Wash	MU2-6780
	PAUL & BEEKMAN INC	**1801 Courtland St, Philadelphia 40, Pa**	**DA9-9050**
	240-260-1575-1580		
	PAUL & STEIN BROS INC., F H	**235 Fifth Ave, New York 16, NY**	**MU4-6370**
	F Stein *16 E 1125-1290-1885-1960		
	PEARCE SIMPSON INC	**2295 N.W. 14th St, Miami 35, Fla**	
	#12 E 45-120-135-180-185-230-260-365-415-475-490-545-590-595-765-770-795-895-950-1050-1065-1075-1130-1135-1245-1285-1290-1655		
	PEARSON ELECTRONICS INC	**707 Urban La, Palo Alto, Cal**	**DA6-7285**
	#2 *8 B 515-1855		
	PEASE CO., C F	**2601 W. Irving Park Rd, Chicago, Ill**	**IN3-2800**
	525		
	PECK STOW & WILCOX CO	**217 Center St, Southington, Conn**	**MA8-9621**
	F Ashworth #3 *180 F 1075		
Mo	Vernon L Haug	405 E. Jackson Rd, Webster, Groves	
	PEE CEE TAPE & LABEL CO., INC	**521 N. La Brea Ave, Los Angeles, Cal.**	**WE8-2134**
	B Buckley #6 *40 E 965-1190-1755		
Ala	Packageeners Inc	3604 N. Stratford Rd. Atlanta 5, Ga	CE3-5530
Ariz	Jack Flook	1031 N. 83rd St. Scottsdale	WH6-6848
Ark	Packageeners Inc	3604 N. Stratford Rd. Atlanta 5, Ga	CE3-5530
Colo	Dixon Paper Co	178C W. 6th Ave. Denver 17	
Fla	R M Reutlinger & Assoc	120 W. 2nd St. Dayton 2, Ohio	BA3-4171
Ga	Packageeners Inc	3604 N. Stratford Rd. Atlanta 5	
Ill	Protective Packaging Co	3116 W. Devon, Chicago 45	BR4-1973
Ind	R M Reutlinger & Assoc	120 W. 2nd St. Dayton 2, Ohio	
Iowa	Allied Commodities Co	5601 W. Lake St. Mpls 16, Minn	WE9-8531
Kan	Allied Commodities Co	5601 W. Lake St. Mpls 16, Minn	WE9-8531
Ky	R M Reutlinger & Assoc	120 W. 2nd St. Dayton 2, Ohio	
La	Packageeners Inc	3604 N. Stratford Rd. Atlanta 5, Ga.	
Md	Charles E Bristor	202 Courtland Ave. Towson 4	VA3-3803
Mich	R M Reutlinger & Assoc	120 W. 2nd St. Dayton 2, Ohio	
Minn	Allied Commodities	5601 W. Lake St. Mpls 16	WE9-8531
Miss	Packageeners Inc	3604 N. Stratford Rd. Atlanta 5, Ga.	
Mo	Allied Commodities	5601 W. Lake St. Mpls 16, Minn	WE9-8531
Neb	Allied Commodities	5601 W. Lake St. Mpls 16, Minn	WE9-8531
NC	Packageeners Inc	3604 N. Stratford Rd. Atlanta 5, Ga	
ND	Allied Commodities Co	5601 W. Lake St. Mpls 16, Minn	WE9-8531
Ohio	R M Reutlinger & Assoc	120 W. 2nd St. Dayton 2	
Okla	Allied Commodities Co	5601 W. Lake St. Mpls 16, Minn	WE9-8531
SC	Packageeners Inc	3604 N. Stratford Rd. Atlanta 5, Ga	
SD	Allied Commodities Co	5601 W. Lake St. Mpls 16, Minn	WE9-8531
Tenn	R M Reutlinger & Assoc. Inc	120 W. 2nd St. Dayton 2, Ohio	
Tex	Jim Coleman	318 N. Pearl St. Dallas	RI8-7640
W Va	R M Reutlinger & Assoc	120 W. 2nd St. Dayton 2, Ohio	
Wis	Allied Commodities Co	5601 W. Lake St. Mpls 16, Minn.	
	PEECO CORP	**2763 Whittier Blvd, Los Angeles 23, Cal**	**AN9-4164**
	895		
	PEER INC	**Benton Harbor, Mich**	**WA5-8828**
	#5 *55 D 1135-1075-1945		
	PEER, INC	**2624 Shelby St, Dallas 19, Tex**	**LA6-8353**
	T Moseley #3 *5 A 325-360-670-895-1045-1135-1145-1200-1395-1735-1870		
NY	Teltec Intl. Corp	333 E. [illegible], NY 17	
	PEERLESS ELECTRIC CO BLOWER DIV	**1400 W.Market St, Warren, Ohio**	**EX3-1551**
	H King #20 *400 105		
Ala	Bretton Sales Engineers	[illegible] 12th Ave. N, Birmingham 4	FA4-8524
Alas	Norman S Wright & Co	3668 Albion Pl. Seattle, Wash	ME3-1366
Ariz	Norman S Wright & Co	[illegible] E. Adams St, Phoenix, Ariz	BR5-4463
Ark	Wade & Avery	[illegible] N. Van Buren St, Little Rock, Ark	MO6-6342
Cal	Norman S Wright & Co	13[illegible] Abby St. Fresno	AM[illegible]-5258
Cal	Norman S Wright & Co	1115 Folsom St, San Francisco, Cal	UN3-3321
Cal	Norman S Wright & Co	625 N Alvarado St, L A	DU7-3371
Cal	Norman S Wright & Co	[illegible] Keating St, San Diego	CY8-4451
Colo	McCombs Supply Co	1[illegible] Wazee St, Denver 17, Colo	CH4-6623
Conn	Engineering Services Co	6 Sylvan Way, Wallingford, Conn	CO9-1254
Del	Better Air Prods Inc	3805 Hickory St, Baltimore, Md	TU9-0571
Del	Breitenbach, Whitmoyer & Sheehan Co	21 Bala Ave, Bala Cynwyd, Pa	TR9-4832
DC	Holliday Inc	2315 L St, N.W., Wash, DC	FE7-2330
Fla	C Kelsey [illegible]	PO Box [illegible], Miami	PL4-9894
Fla	Peck & Turner	[illegible]3 Fig St. Tampa 4	RE7-6075
Fla	Sansing Sales Engineers	[illegible]-A W [illegible], Pensacola	GL5-4593
Ga	Hendrix-Sawyer, Inc	22[illegible] Moore St. SE, Atlanta 12	JA5-7[illegible]
Haw	Norman S Wright & Co	1437 Kewalo, Honolulu	
Idaho	Richardson Eqpt Co	612 Front St. Boise	3[illegible]
Ill	L E Schurer	[illegible] W. Lake St. Chicago, Ill	E[illegible]-7[illegible]
Ind	Paller Eng Co	2212 S Calhoun St. Ft Wayne	HA[illegible]62
Ind	Paller Engineering Co	3025 N. Illinois St, Indianapolis 8, Ind	WA6-5[illegible]
Iowa	E T Collins & Associates	301 Plymouth Bldg, Des Moines 2, Iowa	AT2-1[illegible]
Kan	Manufacturers' Sales Co	1733 Locust St. Kansas City, Mo	GR1-56[illegible]
Ky	Sales Engineering Associates	2113 Edgehill Rd. Louisville, Ky	JU2-2[illegible]
La	W C Murphy & Assoc	6270 Gen Diaz St. New Orleans	HU6-5[illegible]
La	J R Dowdell & Co	2616 Centenary Blvd. Shreveport	UN5-42[illegible]
Me	R V Norman	72 Marked Tree Rd. Needham, Mass	HI4-5[illegible]
Md	Better Air Products	3805 Hickory St, Baltimore, Md	TU9-057[illegible]
Mass	R V Norman	72 Marked Tree Rd. Needham	HI4-5[illegible]
Mich	Harvey W Reid	11[illegible] Gratiot Ave, Detroit 13, Mich	LA7-19[illegible]
Minn	Gorgen Co., The	814 S 9th St. Mpls	FE2-73[illegible]
Miss	A-T-W Gas Equipment Co	1014 S. Gallatin St. Jackson, Miss	5-4775
Mo	Manufacturers' Sales Co	1733 Locust St. Kansas City	GR1-56[illegible]
Mont	Big Horn Supply Inc	2116 3rd Ave. N, Billings	AL2-41[illegible]
Neb	E T Collins & Assoc	301 Plymouth Bldg, Des Moines, Iowa	AT2-1[illegible]
Nev	Thermal Eng	PO Box 446, Salt Lake City, Utah	68793
NH	H J Clark	North Hero, Vt	363
NJ	Breitenbach, Whitmoyer & Sheehan Co	21 Bala Ave, Bala Cynwyd, Pa	TR9-4[illegible]
NM	W H Connell & Co	111 Marble Ave, Albuquerque, NM	CH3-1[illegible]
NY	Air-Pak Products	415 Lexington Ave, New York 17, NY	MU7-19[illegible]
NC	Hoffman & Hoffman	1102 W. Wendover Ave, Greensboro, NC	BR4-[illegible]
ND	Therm-Air Sales Corp	620 6th Ave, N., Fargo, ND	AD5-5[illegible]
Ohio	Slawson Eqpt Co	1792 E 40th St. Cleveland	EX1-72[illegible]
Okla	Emeco	611 N Virginia, Oklahoma City	CE2-4[illegible]
Ore	Norman S Wright & Co	3517 W Corbett St. Portland	CA6-4[illegible]
Pa	Ward & Black Eng	940 Western Ave. Pittsburgh	AL1-55[illegible]
RI	R V Norman	72 Marked Tree Rd. Needham, Mass	HI4-5[illegible]
SC	Hoffman & Hoffman Co	1601 N Pleasantville Dr. Greenville	CE3-5[illegible]
Tenn	G H Avery Co	544 Rayner St. Memphis	BR2-3[illegible]
Tex	J R Dowdell & Co	3160 Irving Blvd. Dallas 7, Tex	FL7-5[illegible]
Utah	Thermal Eng Co	1492 Major, Salt Lake City	6-8793
Vt	H Clark	North Hero	363
Va	W Wallace Neale Co	16 1/2 N. 9th St, Richmond, Va	MI8-7[illegible]
Wash	N S Wright & Co	3668 Albion Pl. Seattle	ME3-13[illegible]
W Va	Mechanical Prods	Charleston	
For	H K Porter & Sie SA	Geneva, Switzerland	
	PEERLESS ELECTRONICS INC	**5338 Alhambra Ave. L A 32, Cal**	**CA1-51[illegible]**
	R Monroe #1 *5 285		
	PEERLESS PHOTO PRODUCTS INC	**Rt 25A, Shoreham, NY**	**SH4-28[illegible]**
	R Roebe #3 *135 C 1075-1250		
	PEERLESS PRODUCTS INDUSTRIES	**812 N. PPulaski St. Chicago 51, Ill**	**BE5-9[illegible]**
	45-1120-1290		
Cal	Simonite-Lewis & Assoc	[illegible] Burbank Blvd. N. Hollywood	
Cal	Logan & Logan	25[illegible] 12th St. SF	UN3-[illegible]
Colo	Connors Inc	5403-E-Evans Ave. Denver 22	SK6-94[illegible]
Fla	Jack Gwartney Co	236 Lincoln Rd. Miami Beach	JE1-02[illegible]
Haw	Dougherty Enterprises	Box 188, Kailua	253-6[illegible]
Ill	Ray R Hoffmacher Assoc	6[illegible]-N. North West Hwy, Chicago	NE1-32[illegible]
Ind	Charles Scheffler Co.	2133 Navajo Trail, Indpls 8	CL3-63[illegible]
La	George Adams	60[illegible] Tarver, Monroe	
Minn	Forrest Carleen	3 N. 15th St. Mpls	FE6-88[illegible]
Mo	Carmine A Vignola	Box 56[illegible], Jefferson City	
Mo	Al Muelthe	32[illegible]-A. Carondelet St. St. Louis 11	
NJ	Mort Simons	214-A.-7th Ave. Manville	
Tenn	Dixie Electronics Assoc	6[illegible]-N. Gallatin Rd. Madison	TW[illegible]-5[illegible]
Tex	J Earl Smith Co	6211 Denton Dr. Dallas 35	
Wash	Earl W Friehart	431-165th SE. Bellevue	
Wash	W D Wilmerding Co	222-1st Ave. N. Seattle	AT4-5[illegible]
Can	J M Nelson	2810 Victoria Dr. Vancouver 12, BC	
For	E D Hogness & Assoc	1[illegible]-W. Randolph, Chicago 1, Ill	FR2-87[illegible]
	PEGASUS LABS. INC	**3500 W. 11 Mile Rd. Berkley, Mich**	**LI7-870[illegible]**
	T Smith #5 *70 D 20-360-895-1470-1550-1555-1920		
Ill	Midwest Hydraulics	1706 Magnolia St. Rockford	WO3-64[illegible]
Iowa	Midwest Hydraulics Inc	1621 A Ave, N. E., Cedar Rapids	EM[illegible]
La	Pasco Hydraulics	6234 Peeler, Dallas 35, Tex	FL7-3[illegible]
Ohio	Telco Inc	4030 Superior Ave. Cleve 3	EN1-[illegible]
Okla	Pasco Hydraulics	3210 Eastside, Houston 6, Tex	EN1-[illegible]
Tex	Pasco Hydraulics	6234 Peeler, Dallas 35	FL7-3[illegible]
Wisc	Midwest Hydraulics Inc	5037 N. Blue Mound Rd, Milwaukee, Wisc	GR[illegible]
For	Telemast Limited	Manor Rd. Cheltenham Eng	CH5-32[illegible]
	PEIRCE DICTATION SYSTEMS	**5900 Northwest Hwy, Chicago 31, Ill**	**RO3-32[illegible]**
	810-1075-1435		
•	**PELLEY CO. INC. E H**	**37 Harley St. Cambridge, Mass**	**UN4-97[illegible]**
	E Pelley *13 A 280		
Fla	Paul O Griffin	5601 Fla. Ave. Tampa	TA[illegible]-66
	PELMOR LABORATORIES INC	**401 Lafayette St, Newton, Pa**	**WO8-33[illegible]**
	R Morgan #3 *17 C 315-750-770-900-1505-1545		
Conn	Wyrough & Loser	1306 Dixwell, New Haven 14	AT8-38[illegible]
Mass	Wyrough & Loser	751 Main St, Waltham 54, Mass	TW7-41[illegible]
NJ	Wyrough & Loser	2 Brunswick Circle Ext. Trenton 8, NJ	LY5-23[illegible]
Pa	William F Mattoson, Jr	120 S Five Point Rd, West Chester	OW6-421[illegible]
•	**PEM MACHINE TOOL CO. INC**	**1456 Chestnut Ave. Hillside, NJ**	**MU6-44[illegible]**
	345-1135		
Mass	D P Engineering	158 Jewett St. Georgetown	
NC	Southeastern Sales Co	430 W End Blvd, Winston-Salem	
	PEMCO CORP	**Eastern Ave. Baltimore, Md**	**ME3-64[illegible]**
	D Kokalas #90 *250 240-900-1545		
	PENDAR, INC	**14744 Arminta St. Van Nuys, Cal**	**TR3-31[illegible]**
	H Thels #4 *45 1460-1475-1735		
Ala	Bill Henry Assoc	PO Box [illegible], Charlotte 7, NC	FR5-[illegible]
Alas	Avionics Liaison, Inc.	Boeing Field, Seattle 8, Wash	PA5-1[illegible]
Ariz	Rowe Sales Co.	123 E McDowell Rd. Phoenix	AL4-3[illegible]
Ark	Sanford Co	1727 E 2nd St. Wichita, Kan	AM5-3[illegible]
Cal	Logan & Stone Co	1485 Bayshore Blvd. S F 24	DE4-1[illegible]
Colo	Sanford Co	1727 E 2nd St. Wichita, Kan	AM5-3[illegible]
Conn	John J Boocks Assoc	PO Box 176, Wellesley Hills 81, Mass	CE5-[illegible]

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Del	J E Cuesta & Co	Woodward Bldg, Wash 25, DC	ST3-4449
DC	J E Cuesta & Co	Woodward Bldg, Wash 25	ST3-4449
Fla	Bill Henry Assoc	PO Box 6073, Charlotte 7, NC	FR5-8958
Ga	Bill Henry Assoc	PO Box 6073, Charlotte 7, NC	FR5-8958
Haw	Don H Burcham Co	PO Box 2845, Honolulu 3	269-781
Idah	Avionics Liaison, Inc	Boeing Field, Seattle 8, Wash	PA3-7602
Ill	Leroy W Beier Co	6519 W North Ave, Chicago 35	BE7-2420
Ind	Wright Eng Corp	PO Box 23107, Indpls 23	WA3-8388
Iowa	Leroy W Beier Co	6519 W North Ave, Chicago 35, Ill	BE7-2420
Kan	Sanford Co	1727 E 2nd St, Wichita	AM5-3553
Ky	Wright Eng Corp	PO Box 23107, Indpls 23, Ind	WA3-8388
La	Gliddon Eng & Eqpt Co	PO Box 4263, New Orleans	KE7-0641
Me	John J Goode Assoc	PO Box 176, Wellesley Hills 81, Mass	CE5-0552
Md	J E Cuesta & Co	Woodward Bldg, Wash 25, DC	ST3-4449
Mass	John J Goode Assoc	PO Box 176, Wellesley Hills 81	CE5-0552
Mich	Burche-Cowan & Co	21128 Grand River Ave, Detroit 19	KE3-7770
Minn	George T Sturman Co	413 S 5th St, Mpls 1	FE8-1377
Miss	Gliddon Eng & Eqpt Co	PO Box 4263, New Orleans, La	KE7-0641
Mo	Sanford Co	1727 E 2nd St, Wichita, Kan	AM5-3553
Mont	Avionics Liaison, Inc	Boeing Field, Seattle 8, Wash	PA3-7602
Nev	Logan & Stone Co	1485 Bayshore Blvd, S F 24, Cal	DE4-1200
NH	John J Goode Assoc	PO Box 176, Wellesley Hills 81, Mass	CE5-0552
NJ	J E Cuesta & Co	Wedge Bldg, Paoli, Pa	NI4-6222
NJ	S A M Assoc	25 Hastings Rd, Franklin Park	MA3-6591
NY	S A M Assoc	157-28 87th Ave, Jamaica 32	OL8-8881
NY	Mauty Farber Assoc	215 W Chippewa St, Buffalo 2	TL6-3543
NC	Bill Henry Assoc	PO Box 6073, Charlotte 7	FR5-8958
ND	George T Sturman Co	413 S 5th St, Mpls 1, Minn	FE8-1377
Okla	Sanford Co	1727 E 2nd St, Wichita, Kan	AM5-3553
Ore	Avionics Liaison, Inc	Boeing Field, Seattle 8, Wash	PA3-7602
Pa	J E Cuesta & Co	Wedge Bldg, Paoli	NI4-6222
RI	John J Goode Assoc	PO Box 176, Wellesley Hills 81, Mass	CE5-0552
SC	Bill Henry Assoc	PO Box 6073, Charlotte 7, NC	FR5-8958
SD	George T Sturman Co	413 S 5th St, Mpls 1, Minn	FE8-1377
Tenn	Bill Henry Assoc	PO Box 6073, Charlotte 7, NC	FR5-8958
Tex	Gliddon Eng & Eqpt Co	1554 W Magnolia, San Antonio 1	PE5-7368
Tex	Gliddon Eng & Eqpt Co	1970 Market Ave, Ft Worth 3	ED2-9593
Tex	Gliddon Eng & Eqpt Co	3802 Winchester St, Houston 3	CA4-6471
Tex	Gliddon Eng & Eqpt Co	4324 Greenville Ave, Dallas	EM8-4851
Utah	Sanford Co	PO Box 122, Foothill Sta, Salt Lake City	IN6-2817
Vt	John J Goode Assoc	PO Box 176, Wellesley Hills 81, Mass	CE5-0552
Va	J E Cuesta & Co	Woodward Bldg, Wash 25, DC	ST3-4449
Wash	Avionics Liaison, Inc	Boeing Field, Seattle 8	PA3-7602
Wis	Leroy W Beier Co	6519 W North Ave, Chicago 35, Ill	BE7-2420
Can	Leonard Electric Ltd	349 Bering Ave, Toronto 18, Ont	BE3-[illegible]
For	Bo Palmblad Aktiebolag	Hornsgatan 58, Stockholm S, Sweden	44-92-9[illegible]
•	**PENFIELD MFG CO., INC**	**19 High School Ave, Meriden, Conn**	**BE5-1694**
	R Cooley #3 *13 C 465-1938		
Ill	Cole-Parmer Instr & Eqpt Corp	224 W. Illinois St, Chicago 10, Ill	DE7-1600
Mass	Indl Filters & Equipment Corp	11 Winchester St, Woburn, Mass	WE3-1714
NY	Accelo Sales Corp	11 W 42nd St, New York City	PE6-2746
NY	D Maitland	125 Central Ave, Rye	WO7-5648
	PENN-EAST ENGINEERING CORP	**Box 240, Kutztown, Pa**	**OV3-7308**
	320-895		
	PENN ENGINEERING & MFG CORP	**Box 311, Doylestown, Pa**	**RO6-4853**
	***32 645-1205**		
Cal	R C Dudek & Co	407 N. Maple Dr, Beverly Hills, Cal	BR2-8097
Ill	S W Anderson Co	1812 W. Ogden Ave, Downers Grove	WO9-7770
Can	W R Watkins Co. Ltd	41 Kipling Ave. S. Toronto, Ont	BE3-2161
	PENN FIBRE & SPECIALTY CO	**2020 E.Westmore St, Phila 34, Pa**	**RE9-5642**
	W Davis #1 *21 C 120-620-660-715-720-900-975-1125-1190-1290-1890-1980		
	PENN KEYSTONE CORP	**Box 350, Derby, Conn**	**RE4-3301**
	E Parker #9 *55 D 35-40-275-330-360-565-895-915-1455-1460		
Ariz	Costello & Co	2740 La Cienaga Blvd, L A, Cal	UP0-8537
Cal	Costello & Co	535 Middlefield Rd, Palo Alto	DA1-3745
Colo	Air Quip Sales Co	Box 2623, Wichita, Kan	MU4-2373
Kan	Air Quip Sales Co	PO Box 2623, Wichita	MU4-2373
Mo	Air Quip Sales Co	7844 Main St, Kansas City	DE3-6012
NJ	S & M Assoc	595 Broad Ave, Ridgefield	WH5-0080
NY	S & M Assoc	595 Broad Ave, Ridgefield, NJ	WH5-0080
Ohio	Air Quip Sales Co	7844 Main St, Kansas City, Mo	DE3-6012
Ohio	A Robert Snyder Co	41 E 1st St, Dayton 2	BA3-7262
Okla	Air Quip Sales Co	PO Box 2623, Wichita, Kan	MU4-2373
Tex	Air Quip Sales Co	PO Box 2623, Wichita, Kan	MU4-2373
Can	Abercom Aero Ltd	7435 Chester Ave, Montreal 29, Que	HU9-4976
	PENN RARE METALS INC	**P. O. Box 1A, Revere, Pa**	**PE4-7711**
	G Hoff #4 *15 D 265-410-1125		
	PENN RESISTOR CORP	**526 N.Broad St, Lansdale, Pa**	**UL5-9516**
	W Wood #2 *25 B 1475-1730		
Cal	Len Grant Snyder Co	1418 N. Highland Ave, Hollywood, Cal	HO9-6278
Cal	Featherstone & Salisbury	1355 Market St, San Francisco 3, Cal	KL2-2311
Colo	Spicer-Lindsay Associates	4960 E. Evans Ave, Denver 22, Colo	GR7-1247
Conn	Arthur T Hatton Assoc Inc	1000 Farmington Ave, W Hartford 7	
Fla	Norman Hardy Associates	444 Second Ave, Melbourne, Fla	ME3180
Ill	Walter F Marsh & Assoc	244 Chicago Ave, Oak Park	EU6-2967
Mass	Arthur T Hatton Assoc Inc	745 Walnut St, Newtonville	DE2-2021
Mo	Sobel Assoc	7603 Forsyth Blvd, Clayton 5	PA6-4616
NJ	Franklin & Andrews Sales Corp	43 Kent Rd, Tenafly	LO9-8800
NY	William M Ferguson	117 Fayette St, Manlius	OV2-9301
Ohio	Walter J Brauer & Associates	15631 Lakewood Hts Blvd, Cleveland 7,	LA1-7288
Ore	Richard Legg Co	1633 NW 21st Ave, Portland 9	CA2-1353
Tex	The Ernest L Wilks Co	1212 Camp St, Dallas 2, Tex	RI7-2037
Wash	Richard Legg Co	1565 South Ave, S., Seattle, Wash	MU2-7764
Foreign	Parkes Corp	1270 Broadway, New York 2, NY	WI7-7986
	PENN TRANSFORMER CORP	**Bellefonte, Pa**	**EL5-4747**
	J Bott #3 *50 D 320-1855-1995		
Cal	Marshank Sales	7422 Melrose Ave, Los Angeles, Cal	WE8-2591
DC	Simberkoff Sales	175 Oakwood Ave, Orange, NJ	OR4-4100
Ill	Lightner Associates	6322 N. Milwaukee Ave, Chicago, Ill	SP4-1500
Ind	Lightner Associates	6322 N. Milwaukee Ave, Chicago, Ill	SP4-1500
Md	Simberkoff Sales	175 Oakwood Ave, Orange, NJ	OR4-4100
NJ	Simberkoff Sales	175 Oakwood Ave, Orange, NJ	OR4-4100
NY	Simberkoff Sales	175 Oakwood Ave, Orange, NJ	OR4-4100
•	**PENN-UNION ELECTRIC CORP**	**315 State St, Erie, Pa**	**GL6-2285**
	F Cooley #12 *350 E 285-300-345-1780-1785		
Ala	Harry C Johnson Co	3345 S Brookwood Ln, Birmingham 13	TR1-7231
Alaska	Northwestern Agencies Inc	4130 1st Ave, S., Seattle, Wash	MA3-8802
Ariz	Kenneth Anderson Co	5815 N 10th St, Phoenix 14	CR4-9317
Ark	Patton-Gulf Sales Agency, Inc	3207 Metairie Rd, Metairie, La	VE1-2891
Cal	Kenneth Anderson Co	123 S. Myers St, Los Angeles, Cal	AN8-6771
Cal	F M Nicholas Co	72 Townsend St, San Francisco 7, Cal	YU2-1964
Colo	Jim Dawson Co	661 Delaware St, Denver, Colo	AL5-7194
Conn	Mills Talbot & Co	46 Chauncey Rd, Hamden, Conn	AT8-0711
Del	Harry G Anschuetz Co	113-15 N. 23rd St, Philadelphia 3, Pa	LO4-0872
DC	Campbell & Woods Agency	PO Box 8975, Richmond 25, Va	MI4-1951
Fla	Bowen-Arnold Agency	4228 Central Ave S, St Petersburg, Fla	0R1-4021
Ga	Harry C Johnson Co	3345 S Brookwood Ln, Birmingham 13, Ala	TR1-7231
Haw	Alfred E Linzer Co	1517 Kapiolani Blvd, Honolulu 14	912-291
Idaho	Northwestern Agencies Inc	4130 1st Ave, S., Seattle, Wash	MA3-8802
Idaho	John E Eggren Co	212 W. 4th St, S., Salt Lake City, Utah	DA2-1166
Ill	Marston Sales Co	466 N. Parkside Ave, Chicago 44, Ill	AU7-0442
Ill	Clyde Warble & Associates	1637 N. Gent Ave, Indianapolis, Ind	ME2-1465
Ind	Clyde Warble & Associates	1637 N. Gent Ave, Indianapolis, Ind	ME2-1465
Iowa	The Donald Corp	313 E. 7th St, Des Moines 9, Iowa	CH3-7623
Kan	Nulik-McCormick Co	3807 E 107 St Terr, Kansas City 37, Mo	SO1-1267
Ky	Clyde Warble & Associates	1637 N. Gent Ave, Indianapolis, Ind	ME2-1465
La	Patton-Gulf Sales Agency, Inc	3207 Metairie Rd, Metairie	VE1-2891
Me	A C Stohn Assoc	25 Bryant Ave, East Milton 86, Mass	OX6-1145
Md	Campbell & Woods Agency	PO Box 8975, Richmond 25, Va	MI4-1951
Mass	A C Stohn Assoc	25 Bryant Ave, East Milton 86	OX6-1145
Mich	The Dale P Seyfried Co	20424 Plymouth Rd, Detroit 28, Mich	BR3-6260
Minn	Electrical Jobbers Equipment Co	619 4th Ave, S., Minneapolis, Minn	FE6-6321
Mo	Carlton Cooley	1115 Kinloch Rd, Glendale 22, St. Louis	WO2-1083
Mo	Nulik-McCormick Co	3807 E 107 St Terr, Kansas City 37	SO1-1267
Mont	Northwestern Agencies Inc	4130 First Ave, S., Seattle, Wash	MA3-8802
Mont	Jim Dawson Co	661 Delaware St, Denver, Colo	AL5-7194
Neb	The Donald Corp	313 E. 7th St, Des Moines 9, Iowa	CH3-7623
Nev	John E Eggren Co	212 W. 4th St, Salt Lake City, Utah	DA2-1166
Nev	F M Nicholas Co	72 Townsend St, San Francisco 7, Cal	YU2-1964
NH	A C Stohn Assoc	25 Bryant Ave, East Milton 86, Mass	OX6-1145
NJ	Harry G Anschuetz Co	31 Vincent St, Chatham, NJ	ME5-8335
NJ	Joseph & Conning Inc	111 Broadway, New York 6, NY	CO7-0276
NM	R L Brewer Co, Inc	2830 Texas St, El Paso, Tex	KE2-7651
NY	Joseph & Conning Inc	111 Broadway, New York 6, NY	CO7-0276
NY	Mills Talbot & Co	1 Flint St, Rochester 8, NY	ID6-0950
NC	Campbell & Woods Agency	114 Woodland Dr, Cary, NC	
ND	Electrical Jobbers Equipment Co	619 4th Ave, S., Minneapolis, Minn	FE6-6321
Ohio	K R Sadge Co	34435 Sherbrook Park Dr, Solon	CH8-1370
Ohio	M J Leahy Co	1088 Elmore Ave, Columbus 24, Ohio	AM7-4051
Okla	Nulik-McCormick Co	3807 E 107 St Terr, Kansas City 37, Mo	SO1-1267
Ore	Northwestern Agencies Inc	4130 1st Ave, S., Seattle, Wash	MA3-8802
Pa	H E Ransford Co	5400 Clairton Blvd, Pittsburgh 36, Pa	TU4-3425
Pa	Harry G Anschuetz Co	113-15 N. 23rd St, Philadelphia 3, Pa	LO4-0872
RI	A C Stohn Assoc	25 Bryant Ave, East Milton 86, Mass	OX6-1145
SC	Campbell & Woods Agency	114 Woodland Dr, Cary, NC	
SD	Electrical Jobbers Equipment Co	619 4th Ave, S., Minneapolis, Minn	FE6-6321
Tenn	Patton-Gulf Sales Agency, Inc	1677 East Boord Pl, Memphis 12	BR6-2317
Tenn	Harry C Johnson Co	3345 S Brookwood Ln, Birmingham 13, Ala	TR1-7231
Tex	Walter J Huemmer	1613 Inwood Blvd, Dallas 2	
Tex	Walter J Huemmer Co	2828 Sunset Blvd, Houston 5, Tex	MA3-7731
Tex	R L Brewer Co, Inc	2830 Texas St, El Paso	KE2-7651
Utah	John E Eggren Co	212 W. 4th S., Salt Lake City, Utah	DA2-1166
Vt	A C Stohn Assoc	25 Bryant Ave, East Milton 86, Mass	OX6-1145
Va	Campbell & Woods Agency	PO Box 8975, Richmond 25	MI4-1951
Wash	Northwestern Agencies Inc	4130 1st Ave, S., Seattle, Wash	MA3-8802
W Va	Campbell & Woods Agency	PO Box 8975, Richmond 25, Va	MI4-1951
W. Va	H E Ransford Co	5400 Clairton Blvd, Pittsburgh 36, Pa	TU4-3425
Wisc	A W Schwind Co	324 S. Second St, Milwaukee, Wisc	BR3-6280
Wisc	Electrical Jobbers Equipment Co	619 4th Ave, S., Minneapolis, Minn	FE6-6321
Wyo	Jim Dawson Co	661 Delaware St, Denver, Colo	AL5-7194
Foreign	Philips Export Co	100 E 42nd St, New York 17, NY	OX7-[illegible]
	PENNSYLVANIA FLUOROCARBON CO., INC	**1115 N 38th St, Phila 4, Pa**	**EV6-0603**
	D 120-175-750-770-1290-1940-1960		
Ariz	R S Hughes Co	4515 Alger St, LA, Cal	CH5-5621
Ark	Edward F Aymond Co	3915 Lemmon Ave, Dallas, Tex	LA6-5233
Cal	R S Hughes Co	4515 Alger St, LA	CH5-5621
Colo	R S Hughes Co	2811 W 9th St, Denver	CH4-4267
Conn	Keene Ind Sales Corp	PO Box 171, Wynnewood, Pa	MI2-1140
Del	Keene Ind Sales Corp	PO Box 171, Wynnewood, Pa	MI2-1140
DC	Massey Assoc	6607 Riverdale Rd, Riverdale, Md	AP7-1023
Fla	Massey Assoc	1224 E Colonial Dr, Orlando	GA4-5744
Ga	Massey Assoc	1224 E Colonial Dr, Orlando, Fla	GA4-5744
Idah	R S Hughes Co	1107 Bailey St, Seattle, Wash	PA5-5750
Ill	Jerry Golten Co	2750 W North Ave, Chicago	
Ind	Jerry Golten Co	2750 W North Ave, Chicago, Ill	
Iowa	Anderson & Assoc	3825 York Ave, N Mpls	JU8-2523
Kan	Herbert A Roes Co	3801 Cherry, Kansas City, Mo	BA1-0866
Ky	Edward Cummins	59 Central Ave, Dayton 6, Ohio	BA4-4577
La	Edward F Aymond Co	3915 Lemmon Ave, Dallas, Tex	LA6-5233
Me	Keene Ind Sales Corp	PO Box 171, Wynnewood, Pa	MI2-1140
Md	Massey Assoc	6607 Riverdale Rd, Riverdale	AP7-1023
Mass	Keene Ind Sales Corp	PO Box 171, Wynnewood, Pa	MI2-1140
Mich	Roy H Dean	23874 Kean Ave, Dearborn	LO3-7396
Minn	Anderson & Assoc	3825 York Ave, Mpls	JU8-0451
Miss	Edward F Aymond	3915 Lemmon Ave, Dallas, Tex	LA6-5233
Mo	Edwards Sales Agency	2319 Hampton Ave, St Louis	MI7-5631
Mont	R S Hughes Co	1107 Bailey St, Seattle, Wash	PA5-5750
Neb	R S Hughes Co	1107 Bailey St, Seattle, Wash	PA5-5750
Nev	R S Hughes Co	564 College Ave, Palo Alto, Cal	DA6-2921
NH	Keene Ind Sales Corp	PO Box 171, Wynnewood, Pa	MI2-1140
NJ	Reed & Riddett Co	19 Sylvan Ave, Englewood Cliffs	PE6-0665
NM	R S Hughes Co	2811 W 9th St, Denver, Colo	CH4-4267
NY	Reed & Riddett Co	19 Sylvan Ave, Englewood Cliffs, NJ	PE6-0665
NC	Keene Ind Sales Corp	PO Box 171, Wynnewood, Pa	MI2-1140
ND	Anderson & Assoc	3825 York Ave, N, Mpls, Minn	JU8-2523
Ohio	Wallace L Higgins Jr	1253 Salida Rd, Mentor	BL7-7651
Okla	Aymond Co	3915 Lemmon Ave, Dallas, Tex	LA6-5233
Ore	R S Hughes Co	1107 Bailey St, Seattle, Wash	PA5-5750
Pa	Massey Assoc	529 Brookhurst Ave, Narberth	MO4-4200
RI	Keene Ind Sales Corp	PO Box 171, Wynnewood, Pa	MI2-1140
SC	Keene Ind Sales Corp	PO Box 171, Wynnewood, Pa	MI2-1140
SD	Anderson & Assoc	3825 York Ave, N, Mpls, Minn	JU8-0451
Tenn	Keene Ind Sales Corp	PO Box 171, Wynnewood, Pa	MI2-1140
Tex	Edward F Aymond Co	3915 Lemmon Ave, Dallas	LA6-5233
Utah	R S Hughes Co	2811 W 9th St, Denver, Colo	CH4-4267
Vt	Keene Ind Sales Corp	PO Box 171, Wynnewood, Pa	MI2-1140
Va	Massey Assoc	6607 Riverdale Rd, Riverdale, Md	AP7-1023
Wash	R S Hughes Co	1107 Bailey St, Seattle	PA5-5750
W Va	Keene Ind Sales Corp	PO Box 171, Wynnewood, Pa	MI2-1140
Wis	Jerry Golten Co	2750 W North Ave, Chicago 47, Ill	EV4-5959
Wyo	R S Hughes Co	2811 W 9th St, Colo	CH4-4267
For	Joseph F Pizzo Co	5910 Empire State Bldg, NY 1, NY	PE6-[illegible]
	PENNSYLVANIA TESTING LAB INC	**Doylestown, Pa**	**DI3-1800**
	895-1135-1390		
•	**PENNWOOD NUMECHRON CO**	**7249 Frankstown Ave, Pittsburgh 8, Pa**	**FR1-4200**
	J Bergman *45 C 325-338-340-360-895-1125-1165-1810		
	PENTA LABORATORIES INC	**312 N.Nopal St, Santa Barbara, Ca**	**WO 5-4581**
	#10 *100 E 1460-1880		
Ala	Cartwright & Bean	3223 Cain's Hill Pl. NW, Atlanta 5, Ga	237-2273
Ariz	Elsner-Osborn Co	1124 Crenshaw Blvd, L A 19, Cal	WE7-1175
Ark	Cartwright & Bean	PO Box 5936, Memphis, Tenn	BR6-4442
Cal	Elsner-Osborn Co	1124 Crenshaw Blvd, LA 19	WE7-1175
Conn	Geist-Holtz Inc	14 Wedgewood Rd, Natick, Mass	OL3-6510
Del	Geist-Holtz Inc	200 Fifth St, Stamford, Conn	DA4-7300
DC	Geist-Holtz Inc	200 Fifth St, Stamford, Conn	DA4-7300
Fla	Cartwright & Bean	2000 N E 25th Court, N Miami Beach	WI5-2912
Fla	Cartwright & Bean	2105 Nancy St, Orlando	GA5-8284
Ga	Cartwright & Bean	3223 Cain's Hill Pl. NW, Atlanta 5	237-2273
Hawaii	Gem Party Factors Inc	2030 Home Rule St, Honolulu 17, Hawaii	83-135
Idaho	Paramount Technical Agencies	9210 28th St, NW, Seattle 7, Wash	SU4-6447
Ill	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Ind	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Iowa	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Iowa	L F Florence Co	406 W. 34th St, Kansas City, Mo	LO1-7282
Kan	L F Florence Co	406 W. 34th St, Kansas City, Mo	LO1-7282
Ky	R O Whitesell & Assoc	400 N 38th St, Louisville	SP6-2024
La	Cartwright & Bean	831 Poydras St, New Orleans	HU2-2254
Me	Geist-Holtz Inc	14 Wedgewood Rd, Natick, Mass	OL3-6510
Md	Geist Holtz Inc	201 Crescent Ave, Leonia, NJ	WI4-6488
Mass	Geist-Holtz Inc	14 Wedgewood Rd, Natick	OL3-6510
Mich	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Minn	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Miss	Cartwright & Bean	PO Box 5936, Memphis, Tenn	BR6-4442
Miss	Cartwright & Bean	PO Box 13141, New Orleans 24, La	HU2-2254
Mo	L F Florence Co	406 W. 34th St, Kansas City, Mo	LO1-7282
Mont	Paramount Technical Agencies	9210 28th St, N.W., Seattle 7, Wash	SU4-6447
Neb	L F Florence Co	406 W. 34th St, Kansas City, Mo	LO1-7282
Nev	Elsner-Osborn Co	1124 Crenshaw Blvd, L A 19, Cal	WE7-1175
NH	Geist-Holtz Inc	14 Wedgewood Rd, Natick, Mass	OL3-6510
NJ	Geist-Holtz Inc	201 Crescent Ave, Leonia	WI4-6488
NY	Geist-Holtz Inc	11 Hobart Rd, Penfield	DI 1-2072
NC	Cartwright & Bean	625 Harvey Dr, Charlotte 5	ED3-2506
Ohio	R O Whitesell & Assoc	2800 Far Hills Bldg, Dayton 19	AX8-4261
Ohio	R O Whitesell & Assoc	PO Box 2717, Cinc 11	ME1-9210
Ohio	R O Whitesell & Assoc	21175 Lorain Ave, Fairview Park 26	ED3-2585
Ore	Paramount Technical Agencies	9210 28th St, N.W., Seattle 7, Wash	SU4-6447
Pa	Geist-Holtz Inc	200 Fifth St, Stamford, Conn	DA4-7300
RI	Geist-Holtz Inc	14 Wedgewood Rd, Natick, Mass	OL3-6510
SC	Cartwright & Bean	625 Harvey Dr, Charlotte, NC	ED3-2506
Tenn	Cartwright & Bean	5515 S Cooper, Memphis	BR6-4442
Tex	Annun & Champion Co	2714 Bomar St, Dallas 4	FL7-3939
Vt	Geist-Holtz Inc	14 Wedgewood Rd, Natick, Mass	OL3-6510
Va	Cartwright & Bean	625 Harvey Dr, Charlotte, NC	ED3-2506
Wash	Paramount Technical Agencies	9210 28th St, N.W., Seattle 7, Wash	SU4-6447
Wisc	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Canada	John S Plewes Co	52 Humbercrest Blvd, Toronto, Ont, Can	RO9-2051
Foreign	Frathom Co., Inc	33 W. 42nd St, New York 3, NY	BR9-9422
	PERENY EQUIPMENT CO., INC	**891 Chambers Rd, Columbus, Ohio**	**AX4-3577**
	A Pereny #3 *25 C 735-895		
Ariz	Carl Hermann Associates	551 E. Walnut, Pasadena, Cal	MU1-5111
Cal	Carl Hermann Associates	Box 1179, Palo Alto, Cal	DA3-2793
Cal	Carl Hermann Associates	551 E. Walnut, Pasadena, Cal	MU1-5111
Conn	A Perry Roberts	Woolworth Bldg, New York 7, NY	BA7-1245
Del	George Vaux	320 Cavershan Rd, Bryn Mawr, Pa	LA5-4517
DC	George Vaux	320 Cavershan Rd, Bryn Mawr, Pa	LA5-4517
Ga	Dilcher Eng	980 Spring St, Atlanta 9, Ga	TR6-7132
Ill	Swiertz-Henderson Co	5707 W. Lake St, Chicago 44, Ill	CO1-1031
Ind	T E Olson Co	16211 Lochmoor, Birmingham, Mich	MI6-5956
Md	George Vaux	320 Cavershan Rd, Bryn Mawr, Pa	LA5-4517
Mich	T E Olson Co	16211 Lochmoor, Birmingham, Mich	MI6-5956
NM	Carl Hermann Associates	319-2A San Francisco St, Santa Fe, NM	YU2-2881
NY	A Perry Roberts	Woolworth Bldg, New York 7, NY	BA7-1245
NY	Clair W Rew	121 Wheeler St, Tonawanda, NY	NX2-3029
Ohio	Monatron	21055 Lorain Rd, Cleveland 26	ED1-3554
Ohio	T E Olson Co	16211 Lochmoor, Birmingham, Mich	MI6-5956
Pa	George Vaux	320 Cavershan Rd, Bryn Mawr, Pa	LA5-4517
Pa	Continental Sales & Engineering Co	Box 10505, Pittsburgh 35, Pa	CH1-5860
Tex	Carl Hermann Assoc	9551 Ash Creek Dr, Dallas 28	DA7-1973
Va	George Vaux	320 Cavershan Rd, Bryn Mawr, Pa	LA5-4517
W Va	Continental Sales & Eng	10505 Nelson Ave, Pittsburgh 35, Pa	CH1-5860
	PERFEX CORP	**500 W Oklahoma Ave. Milwaukee 7, Wis**	**SH4-1000**
	F Doyle #40 *670 G 370-825		
	PERFORMANCE MEASUREMENTS CO	**15120 3rd Ave. Detroit 3, Mich**	**TO9-6400**
	D MacNaughton #13 *60 E 338-360-365-875-895-1150-1340		
Ariz	Randolph Eng Corp	1029 N First St, Phoenix	AL8-5281
Cal	Randolph Eng Corp	12002 E Garvey, El Monte	CU3-4183
Del	Horman Associates Inc	3006 W. Cold Spring Ln, Baltimore 15, Md	
DC	Horman Associates Inc	941 Rollins, Rockville, Md	
Ill	Pivan Eng Co	5542 Peterson, Chicago	KE9-4530

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ind	Pivan Eng Co	10302 N College Ave, Indpls 20	VI6-1532
Iowa	Pivan Eng Co	3542 Peterson Ave, Chicago, Ill	KE9-4878
Md	Harman Associates Inc	3506 W. Cold Spring Ln, Baltimore 15	
Nev	Randolph Engineering Co	1029 N. First, Phoenix, Ariz	
New	Randolph Eng Corp	12302 E Garvey, El Monte, Cal	CU3-4183
NM	Randolph Eng Corp	12302 E Garvey, El Monte, Cal	CU3-4183
Ohio	Robert L Hacker	437 Aberdeen, Dayton	AX8-6561
Pa	Robert L Hacker	437 Aberdeen, Dayton, Ohio	AX8-6561
Wis	Pivan Eng Co	3542 Peterson Ave, Chicago, Ill	KE9-4878
Can	Measurement Eng Ltd	Arnprior, Ont	400
Can	Measurement Eng Ltd	1983 Ave Rd, Toronto, Ont	HU1-0231
Can	Measurement Eng Ltd	Box 1352, Sta B, Montreal, Que	WA7-4713
	PERKIN-ELMER CORP	**Main Ave, Norwalk, Conn**	**VI7-0414**
	L Robbins #400 *1,500 G 085-895-1015-1330		
Ala	Perkin-Elmer Corp	3110 Maple Dr Bldg, Atlanta, Ga	CE7-6664
Ariz	Perkin-Elmer Corp	348 W. Foothill Blvd, Monrovia, Cal	EL9-2549
Cal	Perkin-Elmer Corp	348 W. Foothill Blvd, Monrovia, Cal	EL9-2549
Colo	Perkin-Elmer Corp	348 W. Foothill Blvd, Monrovia, Cal	EL9-2549
Del	Perkin-Elmer Corp	8055 13th St, Silver Spring, Md	JU8-9111
DC	Perkin-Elmer Corp	8055 13th St, Silver Spring, Md	JU8-9111
Fla	Perkin-Elmer Corp	3110 Maple Dr Bldg, Atlanta, Ga	CE7-6664
Ga	Perkin-Elmer Corp	3110 Maple Dr Bldg, Atlanta, Ga	CE7-6664
Haw	Perkin-Elmer Corp	1909 Irving St, San Francisco 22, Cal	OV1-8561
Idaho	Perkin-Elmer Corp	1909 Irving St, San Francisco 22, Cal	OV1-8561
Ill	Perkin-Elmer Corp	230 N. Michigan Ave, Chicago 1, Ill	ST2-5299
Ind	Perkin-Elmer Corp	230 N. Michigan Ave, Chicago 1, Ill	ST2-5299
Iowa	Perkin-Elmer Corp	230 N. Michigan Ave, Chicago 1, Ill	ST2-5299
Kan	Perkin-Elmer Corp	230 N. Michigan Ave, Chicago 1, Ill	ST2-5299
Ky	Perkin-Elmer Corp	20575 Center Ridge Rd, Rocky River, O	ED1-4077
La	Perkin-Elmer Corp	4410 Richmond Ave, Houston 27, Tex	MA3-5533
Md	Perkin-Elmer Corp	8055 13th St, Silver Spring, Md	JU8-9111
Mich	Perkin-Elmer Corp	20575 Center Ridge Rd, Rocky River, O	ED1-4077
Minn	Perkin-Elmer Corp	230 N. Michigan Ave, Chicago, Ill	ST2-5299
Miss	Perkin-Elmer Corp	3110 Maple Dr Bldg, Atlanta, Ga	CE7-6664
Mo	Perkin-Elmer Corp	230 N. Michigan Ave, Chicago, Ill	ST2-5299
Mont	Perkin-Elmer Corp	1909 Irving St, San Francisco 22, Cal	OV1-8561
Neb	Perkin-Elmer Corp	230 N. Michigan Ave, Chicago, Ill	ST2-5299
Nev	Perkin-Elmer Corp	348 W. Foothill Blvd, Monrovia, Cal	EL9-2549
NM	Perkin-Elmer Corp	348 W. Foothill Blvd, Monrovia, Cal	EL9-2549
NC	Perkin-Elmer Corp	8055 13th St, Silver Spring, Md	JU8-9111
ND	Perkin-Elmer Corp	230 N. Michigan Ave, Chicago, Ill	ST2-5299
Ohio	Perkin-Elmer Corp	20575 Center Ridge Rd, Rocky River	ED1-4077
Okla	Perkin-Elmer Corp	4410 Richmond Ave, Houston 27, Tex	MA3-5533
Ore	Perkin-Elmer Corp	1909 Irving St, San Francisco 22, Cal	OV1-8561
Pa	Perkin-Elmer Corp	113 Long Lane, Upper Darby	FL2-7000
SC	Perkin-Elmer Corp	8055 13th St, Silver Spring, Md	JU8-9111
SD	Perkin-Elmer Corp	230 N. Michigan Ave, Chicago, Ill	ST2-5299
Tenn	Perkin-Elmer Corp	3110 Maple Dr Bldg, Atlanta, Ga	CE7-6664
Tex	Perkin-Elmer Corp	4410 Richmond Ave, Houston 27, Tex	MA3-5533
Utah	Perkin-Elmer Corp	348 W. Foothill Blvd, Monrovia, Cal	EL9-2549
Va	Perkin-Elmer Corp	8055 13th St, Silver Spring, Md	JU8-9111
Wash	Perkin-Elmer Corp	1909 Irving St, San Francisco 22, Cal	OV1-8561
W. Va	Perkin-Elmer Corp	8055 13th St, Silver Spring, Md	JU8-9111
Wisc	Perkin-Elmer Corp	230 N. Michigan Ave, Chicago, Ill	ST2-5299
Wyo	Perkin-Elmer Corp	348 W. Foothill Blvd, Monrovia, Cal	EL9-2549
Canada	Perkin-Elmer (Canada) Ltd	2380 Lucerne Rd, Mt. Royal, Mtl, P Q	RI7-3518
	PERKIN ELECTRONICS CORP	**345 Kansas St. El Segundo, Cal**	**SP2-2171**
	G Mossel #15 *175 E 365-1135-1340-1420-1455-1855		
Ala	E G Holmes & Assoc	4969 Roswell Rd, NE, Atlanta 5, Ga	BL5-6860
Ariz	Brooks-Feeger Assoc	34-A E 1st St, Scottsdale	WH6-2111
Ark	Wallace Assoc	PO Box 13703, Dallas 20, Tex	FL7-7080
Cal	Cerruti & Assoc	PO Box 508, Redwood City	EM9-3354
Cal	Instruments For Measurement	1405 Cahuenga Blvd, Hollywood, Cal	HO9-7294
Colo	Brooks-Feeger Assoc	3041 S Broadway, Englewood	SU1-7375
Conn	Richard D Frink Assoc	46 Amesbury St, Lawrence, Mass	MU3-3252
Del	Cawler-Knopp Co	8712 Flower Ave, Silver Spring, Md	JU5-7550
DC	Cawler-Knopp Co	8712 Flower Ave, Silver Spring, Md	JU5-7550
Fla	E G Holmes & Associates	1220 Edgewater Dr, Orlando, Fla	CH1-2128
Ga	E G Holmes & Assoc	4969 Roswell Rd, NE, Atlanta 5	BL5-6860
Haw	Gene Piety Factors	2130 Home Rule St, Honolulu	PH8-3105
Idaho	Testco	Boeing Field, Seattle, Wash	PA3-9000
Ill	Saffro & Associates	5205 N. Kimball Ave, Chicago 25, Ill	JU8-0905
Ind	Low Instr Co	PO Box 27-42, Indpls	ST7-0809
Ind	Low Instr Co	Box 95, Angola	8121-R
Iowa	Design & Sales Eng Co	3702 41st Pl, Des Moines	RL5-4594
Kan	Design & Sales Eng Co	400 N Emporia, Wichita	
La	Wallace Assoc	PO Box 13703, Dallas 20, Tex	FL7-7080
Me	Richard D Frink Assoc	46 Amesbury St, Lawrence, Mass	MU3-3252
Md	Cawler-Knopp Co	8712 Flower Ave, Silver Spring, Md	JU5-7550
Md	Cawler-Knopp Co	807 E Seminary Ave, Towson 4	EN9-3151
Mass	Richard D Frink Assoc	46 Amesbury St, Lawrence	MU3-3252
Mich	Electro Sales Assoc	15324 Mack Ave, Detroit 4	TU6-2280
Minn	Northport Engineering Inc	1729 Selby Ave, St. Paul 4, Minn	MI6-2821
Miss	E G Holmes & Assoc	4969 Roswell Rd, NE, Atlanta 5, Ga	BL5-6860
Mo	Design & Sales Eng Co	3600 Grand Ave, Kansas City 8	GR1-1640
Mont	Testco	Boeing Field, Seattle, Wash	PA3-9000
Neb	Design & Sales Eng Co	400 N Emporia, Wichita, Kan	
Nev	Brooks-Feeger Assoc	34-A E 1st St, Scottsdale, Ariz	WH6-2111
NH	Richard D Frink Assoc	46 Amesbury St, Lawrence, Mass	MU3-3252
NJ	Cawler-Knopp Co	178 Eagle Rock Ave, Roseland	CA6-4545
NY	Cawler-Knopp Co	178 Eagle Rock Ave, Roseland, NJ	[illegible]
NM	Brooks-Feeger Assoc	5510 Domingo Rd, NE, Albuquerque	AM8-1724
NC	E G Holmes & Assoc	443 W Market, Greensboro	BR2-2855
ND	Northport Eng Inc	1729 Selby Ave, St Paul 4, Minn	MI6-2821
Ohio	Electro Sales Assoc	261 E 216th, Euclid 23	RE2-7444
Okla	Wallace Assoc	PO Box 13703, Dallas 20, Tex	FL7-7080
Ore	Testco	Boeing Field, Seattle, Wash	PA3-9000
Pa	Cawler-Knopp Co	835 Glenside Ave, Wyncote	TU4-8835
RI	Richard D Frink Assoc	46 Amesbury St, Lawrence, Mass	MU3-3252
SC	E G Holmes & Assoc	4969 Roswell Rd, NE, Atlanta 5, Ga	BL5-6860
SD	Northport Eng Inc	1729 Selby Ave, St Paul 4, Minn	MI6-2821
Tenn	E G Holmes & Assoc	4969 Roswell Rd, NE, Atlanta 5, Ga	BL5-6860
Tex	Wallace Assoc	PO Box 13703, Dallas 20	FL7-7080
Utah	Brooks-Feeger Assoc	253 Rio Grande, Salt Lake City	EL5-2417
Vt	Richard D Frink Assoc	46 Amesbury St, Lawrence, Mass	MU3-3252
Va	Cawler-Knopp Co	178 Eagle Rock Ave, Roseland, NJ	CA6-4545
Wash	Testco	Boeing Field, Seattle, Wash	PA3-9000
W Va	Electro Sales Assoc	Dabel Sta. Box 143, Dayton 20, Ohio	CH4-5551
Wis	Saffro & Assoc	5205 N Kimball Ave, Chicago 25, Ill	JU8-0905
Wyo	Brooks-Feeger Assoc	3041 S Broadway, Englewood, Colo	SU1-7375
Canada	Electro Mechanical Products	Markham Rd, Agincourt, Ontario, Canada	AT3-7011
For	Sales Representatives in Principal Countries		
	PERKINS MACHINE & GEAR CO	**West Springfield, Mass**	**RE7-4751**
	C Bates #4 *350 E 755		
	PERMA-POWER CO	**3100 N.Elston Ave, Chicago 18, Ill**	**KE9-7171**
	N Ackerman #5 *100 E 360		
Cal	Wes Alderson Co	3061 Overland Ave, Los Angeles, Cal	TE0-1030
Cal	E W Brandt Co	1122 Folsom St, San Francisco 3, Cal	HE1-1484
Colo	W B Gollither Co.	1559 Chester St, Aurora, Colo	EM6-0208
Ill	William Linz & Associates	6322 N. Cicero Ave, Chicago 46, Ill	MU5-0022
Ind	Henning Sales Co	3406 Butler Ct, Ft. Wayne 8, Ind	AN2063
Mass	W B Pray Sales	44 Washington St, Wellesley Hills 81	
Mich	Paul Kurtz Co	18212 James Couzens Hwy, Detroit 35	UN4-1957
Minn	William Engelbretson Co	906 Ottawa Ave, St. Paul 7, Minn	CA2-2338
Mo	Clemenson-Larrabee Co	436 E. 79th St, Kansas City 31, Mo	JA3-3005
NJ	Burnecke Associates	5505 Westfield Ave, Pennsauken, NJ	NO2-6951
NY	Kaelber & Mack	1 Park Ave, Manhasset 11, NY	MA7-6670
NY	Leroy & McGuire Inc	RD 1, Phelps, NY	KI8-4891
NC	Atchison & Adams	601 N. Elm St, Greensboro, NC	BR2-1038
Ohio	J W Lehner Co	367 Brynhild Ave, Columbus 2, Ohio	AM8-5260
Tex	Bertfold Sales Co	4411 Maple Ave, Dallas, Tex	LA6-8329
Va	Simpson-Platt Assoc	2124 Darby Rd, Havertown, Pa	SU9-7111
Wash	Samuel N Stroum Co	621 Michigan St, Seattle 8	PA3-7310
Foreign	Comet Corp	540 Lake Shore Dr, Chicago, Ill	DE7-2292
	PERMACEL	**US Hwy 1, New Brunswick, NJ**	**CH7-7900**
	R Hyland 31-1290-1750		
Cal	Permacel	3014 Lakeshore Ave, Oakland, Cal	GL2-4388
Cal	Permacel	4027 E. 49th St, Los Angeles 58, Cal	LU3-1041
Ga	Permacel	1080 Dill Ave, S.W., Atlanta, Ga	PL8-2651
Ill	Permacel	222 W. Adams St, Chicago 6, Ill	DE2-3[illegible]
Mass	Permacel	405 Park Square Bldg, Boston 16	HU2-0898
Mo	Permacel	3505 Turtle Creek Blvd, Dallas 19, Tex	LA6-7969
Ohio	Permacel	55 Public Square, Cleveland 13, Ohio	TO1-5871
Pa	Permacel	1617 Pennsylvania Blvd, Phila 3	LO3-4115
•	**PERMAG CORP**	**88-06 Van Wyck Exp, Jamaica 18, NY**	**OL7-1818**
	S Lebleng #3 *20 C 895-1080-1085		
Cal	Permag Pacific Corp	2918 S. La Cienega Blvd, Culver City	WE6-6251
	PERMALI INC	**Box 718E, Mt. Pleasant, Pa**	**KI7-2353**
	J Parker #5 *60 D 905-1285-1290-1395-1485-1575		
Ariz	R S Hughes Co., Inc	4515 Alger St, Los Angeles 39, Cal	CH5-6621
Cal	R S Hughes Co., Inc	4515 Alger St, Los Angeles 39, Cal	CH5-6621
Cal	R S Hughes Co., Inc	564 College Ave, Palo Alto, Cal	DA6-2922
Colo	R S Hughes Co., Inc	2811 W. 9th Ave, Denver 4, Colo	CH4-4267
Conn	Permali Inc	1547 Central Ave, Albany 5, NY	UN9-7003
Idaho	R S Hughes Co., Inc	2811 W. 9th Ave, Denver 4, Colo	CH4-4267
Ill	Permali Inc	5306 W. Lawrence Ave, Chicago 30, Ill	SP7-3508
Ind	Permali Inc	5306 W. Lawrence Ave, Chicago 30, Ill	SP7-3508
Iowa	Permali Inc	5306 W. Lawrence Ave, Chicago 30, Ill	SP7-3508
Kan	Permali Inc	5306 W. Lawrence Ave, Chicago 30, Ill	SP7-3508
Me	Permali Inc	1547 Central Ave, Albany 5, NY	UN9-7003
Mass	Permali Inc	1547 Central Ave, Albany 5, NY	UN9-7003
Mich	Permali Inc	5306 W. Lawrence Ave, Chicago 30, Ill	SP7-3508
Minn	Permali Inc	5306 Lawrence Ave, Chicago 30, Ill	SP7-3508
Mo	Permali Inc	5306 Lawrence Ave, Chicago 30, Ill	SP7-3508
Mont	R S Hughes Co., Inc	2811 W. 9th Ave, Denver 4, Colo	CH4-4267
Neb	Permali Inc	5306 Lawrence Ave, Chicago 30, Ill	SP7-3508
Nev	R S Hughes Co., Inc	564 College Ave, Palo Alto, Cal	DA6-2922
NH	Permali Inc	1547 Central Ave, Albany 5, NY	UN9-7003
NM	R S Hughes Co., Inc	4515 Alger St, Los Angeles 39, Cal	CH5-6621
NY	Permali Inc	1547 Central Ave, Albany 5, NY	UN9-7003
ND	Permali Inc	5306 Lawrence Ave, Chicago 30, Ill	SP7-3508
Ohio	Permali Inc	5306 Lawrence Ave, Chicago 30, Ill	SP7-3508
Ore	R S Hughes Co., Inc	1107 Bailey St, Seattle, Wash	PA5-5750
RI	Permali Inc	1547 Central Ave, Albany 5, NY	UN9-7003
SD	Permali Inc	5306 Lawrence Ave, Chicago 30, Ill	SP7-3508
Utah	R S Hughes Co., Inc	2811 W. 9th Ave, Denver 4, Colo	CH4-4267
Vt	Permali Inc	1547 Central Ave, Albany 5, NY	UN9-7003
Wash	R S Hughes Co., Inc	1107 Bailey St, Seattle, Wash	PA5-5750
Wisc	Permali Inc	5306 Lawrence Ave, Chicago 30, Ill	SP7-3508
Wyo	R S Hughes Co., Inc	2811 W. 9th Ave, Denver 4, Colo	CH4-4267
Canada	Permali (Canada) Ltd	137 Kipling Ave, S., Toronto 18, Ont, Can	BE3-2179
Foreign	Densified Woods Pty Ltd	Box 58, Spit Junction, N.S.W., Australia	XY-1225
Foreign	Permali Ltd	Bristol Rd, Gloucester, England	GL2-4941
Foreign	Permali S A	Case Postale 345, Nancy, France	NA53 43 23
	PERMALUSTER INC	**2012 W Burbank Blvd, Burbank, Cal**	**VI9-4543**
	#5 A 245-325-1125-1900		
Conn	Tadmi Engineering Sales Inc	Box 28, W. Hartford, Conn	AD2-9532
Ky	C K M Industrial Sales	3038 Madison Rd, Cincinnati 9, Ohio	ME1-1193
Ohio	C K M Industrial Sales	3038 Madison Rd, Cincinnati 9, Ohio	ME1-1193
W. Va	C K M Industrial Sales	3038 Madison Rd, Cincinnati 9, Ohio	ME1-1193
	PERMANENT MAGNET CO. INC	**4437 Bragdon St, Indpls 26, Ind**	**LI7-1336**
	R Burns #4 *49 E 1085		
Cal	C W Warren Co	646 N Fuller Ave, LA	WE4-2122
Conn	George H Bohling	PO Box 62, Stoneham, Mass	ST6-1117
Ill	Hill & Gray, Inc	PO Box 1127, Oak Park	ES8-7050
Me	George H Bohling	PO Box 62, Stoneham, Mass	ST6-1117
Mass	George H Bohling	PO Box 62, Stoneham	ST6-1117
NH	George H Bohling	PO Box 62, Stoneham, Mass	ST6-1117
Ohio	John A Petrie	5367 Mayfield Dr, Cleveland	HI2-5530
RI	George H Bohling	PO Box 62, Stoneham, Mass	ST6-1117
Tex	James H Lawrence	P O Box 13076, Dallas	FL2-7484
Vt	George H Bohling	PO Box 62, Stoneham, Mass	ST6-1117
Wis	Hill & Gray, Inc	PO Box 1127, Oak Park, Ill	ES8-7050
	PERMOFLUX PRODUCTS CO	**4101 San Fernando Rd, Glendale, Cal**	**CH5-5135**
	L Heineman #3 *100 B 320-885-895-955-1130-1255-1675-1855		
Colo	Stan Clupp & Assoc	7825 W Colfax, Denver	BE3-6[illegible]
Colo	Vinns & Co	P.O. Box 1175, Denver, Colo	TA5-44
Fla	Geo F Bohmer	1200 Newcastle Dr, Orlando	GA4-20
Idaho	Stan Clupp & Assoc	7825 W Colfax, Denver, Colo	BE3-6
Ill	Walter Marsh & Assoc	244 Chicago Ave, Oak Park	EU6-29
Iowa	F C Somers & Co	1627 Main St, Kansas City 8, Mo	
Kan	F C Somers & Co	1627 Main St, Kansas City 8, Mo	
Md	C H Stratton	514 E Wadsworth Ave, Phila, Pa	
Mass	R L Provencher	225 W St, Manchester 8, Mass	PL3-8
Mich	Burcaw Cowan & Co	22128 Grand River Ave, Detroit, Mich	KE5-77
Mich	J Malcom Flora Inc	Terminal At Ridgewood, Plymouth	GL3-42
Mo	F C Somers & Co	1627 Main St, Kansas City 8	
Mont	Stan Clupp & Assoc	7825 W Colfax, Denver, Colo	
NY	Irv Morse Sales	150 Broadway, New York City, NY	
NY	Marty Bethan Sales	77-15 164th St, Flushing 66	OL 7-[illegible]
Pa	C H Stratton	514 E Wadsworth Ave, Phila 19	
Tenn	Roy L Smith	2304 Crestmoor Rd, Nashville	AM9-041
Tex	Stan Clupp & Assoc	7825 W Colfax, Denver, Colo	BE3-6
Utah	Stan Clupp & Assoc	7825 W Colfax, Denver, Colo	BE3-6
Wyo	Stan Clupp & Assoc	7825 W Colfax, Denver, Colo	BE3-6
	PERMONITE MFG CO	**911 W.Jackson Blvd, Chicago 7, Ill**	**SE8-222**
	H Laufer #4 *175 E 185-345-990-1315-1630-1785-1940		
Ala	Repco Sales Co	401 N.W. 71st St, Miami, Fla	PL7-29
Cal	Logan & Stone Co	1485 Bayshore Blvd, San Francisco, Cal	DE4-12
Conn	L R Provencher & Assoc	525 Pleasant St, Worcester, Mass	PL3-8
Del	Mechelec Sales Co	81 Union St, Medford, NJ	OL4-8
Fla	Repco Sales Co	401 N.W. 71st St, Miami, Fla	PL7-29
Ga	Repco Sales Co	401 N.W. 71st St, Miami, Fla	PL7-29
Ill	T H Ellis Sales Co, Inc	7711 Stateline, Kansas City, Mo	HI4-46
Ind	Insulating Components Co	2701 W 16th St, Indpls	ME4-3
Ind	Frank Sullens	1112 S. Harrison St, Ft. Wayne, Ind	EA
Ind	Noah T Timmer	4029 [illegible] Pass, Ft. Wayne, Ind	HA
Iowa	T H Ellis Sales Co, Inc	7711 Stateline, Kansas City, Mo	HI4-46
Ky	Insulating Components Co	2701 W 16th St, Indpls, Ind	ME4-3
Me	L R Provencher & Assoc	525 Pleasant St, Worcester, Mass	PL3-8
Md	Mechelec Sales Co	81 Union St, Medford, NJ	OL4-8
Mass	L R Provencher & Assoc	525 Pleasant St, Worcester	PL3-8
Mich	R S Lathrope Co	12730 Fenkell St, Detroit, Mich	UN2-34
Mo	T H Ellis Sales Co, Inc	7711 Stateline, Kansas City	HI4-46
Neb	T H Ellis Sales Co, Inc	7711 Stateline, Kansas City, Mo	HI4-46
Nev	Logan & Stone Co	1485 Bayshore Blvd, San Francisco, Cal	DE4-120
NH	L R Provencher & Assoc	525 Pleasant St, Worcester, Mass	PL3-8
NJ	Mechelec Sales Co	81 Union St, Medford, NJ	OL4-8
NJ	Al Colman	564 Delmar Ave, Glen Rock, NJ	GI5-615
NJ	Mel R Pellman	4 Gateway, Westfield, NJ	AD2-23
NM	Industrias Comerciales, S A	Tonala 143, Mexico 7, D F	14-65-
NY	Alan Dersting	1812 Ditmas Ave, Brooklyn, NY	IN2-80
NY	Mel R Pellman	4 Gateway, Westfield, NJ	AD2-23
NY	Gialeson Sales Inc	617 Case Bldg, Rochester, NY	LO3-
NC	G F Schiffer & Co	PO Box 6365, Greensboro	BR3-
Ohio	Basic Components, Inc	4700 Acadia Blvd, Dayton	CL4-28
Pa	Mechelec Sales Co	81 Union St, Medford, NJ	OL4-82
RI	L R Provencher & Assoc	525 Pleasant St, Worcester, Mass	PL3-8
SC	G F Schiffer & Co	PO Box 6365, Greensboro, NC	BR3-557
Tenn	Repco Sales Co	401 N.W. 71st St, Miami, Fla	PL7-291
Va	Mechelec Sales Co	81 Union St, Medford, NJ	OL4-8
Vt	L R Provencher & Assoc	525 Pleasant St, Worcester, Mass	PL3-8
Va	G F Schiffer & Co	PO Box 6365, Greensboro, NC	BR3-55
W. Va	Mechelec Sales Co	81 Union St, Medford, NJ	OL4-8
Canada	The Glendon Co Ltd	655 Evans Ave, Toronto, Ontario, Canada	RO
	PERMUTIT CO DIV OF PFAUDLER PERMUTIT INC	**50 W. 44th St, New York 36, NY**	**OX7-600**
	J Munson #100 *624 F 465-670		
Ala	Permutit Co	848 McCallie St, Chattanooga 3, Tenn	AM6-45
Ariz	Permutit Co	3029 S. Brand Blvd, Glendale 4, Cal	CH5-2
Ark	Permutit Co	818 Olive St, St. Louis 1, Mo	MA1-447
Cal	Permutit Co	3029 S. Brand Blvd, Glendale 4, Cal	CH5-2
Colo	Permutit Co	1480 Holland St, Denver 15, Colo	BE7-2
Conn	Permutit Co	25 Fairfield St, Pittsfield, Mass	HI3-
Del	Permutit Co	100 N. 33rd St, Philadelphia 4, Pa	BA2-
DC	Permutit Co	8605 Cameron St, Silver Spring, Md	JU5-37
Fla	Permutit Co	704 Gilmore St, Jacksonville 4, Fla	EL3-3
Ga	Permutit Co	3131 Maple Dr, N.E., Atlanta 5, Ga	CE7-3321
Idaho	Bumstead Woolford Co	1411 Fourth Ave Bldg, Seattle 1, Wash	MA3-
Ill	Permutit Co	111 W. Washington St, Chicago 2, Ill	ST2-
Ind	Permutit Co	2320 Victory Pkwy, Cincinnati 6, Ohio	AV1-
Iowa	Permutit Co	2201 Grand Ave, Kansas City 8, Mo	GR1-
Kan	Permutit Co	2201 Grand Ave, Kansas City 8, Mo	GR1-512
Ky	Permutit Co	848 McCallie St, Chattanooga 3, Tenn	AM6-45
La	Permutit Co	4543 North Blvd, Baton Rouge 6, La	DI3-
Me	Permutit Co	50 Kearney Rd, Needham Heights 94, Mass	HI4-
Md	Permutit Co	8605 Cameron St, Silver Spring, Md	JU5-3731
Mass	Permutit Co	50 Kearney Rd, Needham Heights 94, Mass	HI4-0
Mich	Permutit Co	2111 Woodward Ave, Detroit 1, Mich	WO2-
Minn	Permutit Co	3990 Ala Ave, St. Louis Park, Minneapolis 16	WE9-
Miss	Permutit Co	848 McCallie St, Chattanooga 3, Tenn	AM6-4544
Mo	Permutit Co	818 Olive St, St. Louis 1, Mo	MA1-47
Mont	Permutit Co	3990 Ala Ave, St. Louis Park, Minneapolis 16	WE9-
Neb	Permutit Co	2201 Grand Ave, Kansas City 8, Mo	GR1-5
Nev	Permutit Co	1480 Holland St, Denver 15, Colo	BE7-
NH	Permutit Co	25 Fairfield St, Pittsfield, Mass	HI3-
NJ	Permutit Co	22 Albany Square, Ridgewood, NJ	GI5-
NM	Permutit Co	3029 S. Brand Blvd, Glendale 4, Cal	CH5-
NY	Permutit Co	P.O. Box 11, Rochester 1, NY	[illegible]
NC	Permutit Co	3131 Maple Dr, NE, Atlanta 5, Ga	CE7-3321
ND	Permutit Co	3990 Ala Ave, St. Louis Park, Minn 16	WE9-
Ohio	Permutit Co	1836 Euclid Ave, Cleveland 15, Ohio	MA1-
Ohio	Permutit Co	2320 Victory Pkwy, Cincinnati 6, Ohio	AV1-
Okla	Permutit Co	2201 Grand Ave, Kansas City 8, Mo	GR1-
Ore	Bumstead Woolford Co	411 S.W. Sixth Ave, Portland 4, Ore	CA8-
Pa	Permutit Co	100 N. 33rd St, Philadelphia 4, Pa	BA2-
Pa	Permutit Co	708 Empire Bldg, Pittsburgh 22, Pa	GR1-
RI	Permutit Co	25 Fairfield St, Pittsfield, Mass	HI3-
SC	Permutit Co	3131 Maple Dr, N.E., Atlanta 5, Ga	CE7-3321
SD	Permutit Co	3990 Ala Ave, St. Louis Park, Minneapolis 16	WE9-
Tenn	Permutit Co	848 McCallie St, Chattanooga 3, Tenn	AM6-4544
Tex	Permutit Co	4101 San Jacinto St, Houston 4, Tex	JA3-

TERR	MANUFACTURERS	SALES/OR REPRESENTATIVES OFFICES	TEL. NO.
Utah	Permutit Co	1485 Holland St, Denver 15, Colo	BE7-2866
Vt	Permutit Co	29 Fairfield St, Pittsfield, Mass	HI3-6624
Va	Permutit Co	[illegible] Colesville St, Silver Springs, Md	JU9-3731
Wash	Bumstead-Woolford Co	1411 Fourth Ave Building, Seattle 1,	MA3-4915
W. Va	Permutit Co	708 Empire Building, Pittsburgh 22, Pa	GR1-1747
Wis	Permutit Co	[illegible] Ave, Minneapolis 16, Minn	WE9-1649
Wyo	Permutit Co	1485 Holland St, Denver 15, Colo	BE7-2866
	PESCHEL ELECTRONICS INC	**Rt 216, Towners, Patterson, NY**	**TR8-3251**
	S Peschel #3 *11 C 220-895-1050-1135-1340-1445-1460-1855		
Cal	Abbott Instrument & Engineering Co	19513 Santa Monica Blvd, L A 24, Cal	BR2-7166
Conn	Ray Perron & Co., Inc	35 Lo[illegible] St, Trumbull, Conn	AM8-3831
Mass	Ray Perron & Co., Inc	1870 Centre St, Boston 32, Mass	FA3-[illegible]
	PESCO PRODS DIV., BORG-WARNER CORP	**24700 N Miles Rd. Bedford, Ohio**	**AX2-6100**
	M Nesbitt #80 *1600 G 105-345-370-885-895-915-1165-1375		
Cal	Pesco Prods	3310 Vanowen St. Burbank	THS-7411
Conn	Pesco Prods	312 Three Mile Rd, Glastonbury	ME3-4810
DC	Pesco Prods	17[illegible] K St. NW, Washington	FE8-7151
Kans	Pesco Prods	6811 E Kellogg, Wichita 18	MU6-6609
	PETER PARTITION CORP	**124 Boerum Pl, Brooklyn 1, NY**	**TR5-4033**
	H Kopman *95 D 1220		
	PETERSEN RADIO CO., INC	**2800 W Broadway, Council Bluffs, Iowa**	**322-2760**
	W Petersen *34 C 415		
Cal	C H Mitchell Co	13804 Ventura Blvd, Sherman Oaks, Cal	ST8-1013
Colo	McLoud & Raymond Co	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
Fla	Floyd Fausett & Co	2727 Alamo Ave, Winter Park, Fla	MI7-4697
Ga	Floyd Fausett & Co	777 Pinehurst Terr, Atlanta, Ga	PL3-3104
Ill	Royal J Higgins Co	10105 S. Western Ave, Chicago 43, Ill	BE3-7368
Mass	Conkley Sales Office	14[illegible] Needham St, Newton Highlands, Mass	DE2-4800
Minn	Nick J Laub Co	37[illegible] W Broadway, Mpls 22	
Mo	F C Somers & Co	17th & Main Sts, Kansas City 8, Mo	GR1355
NJ	Adolph Schwartz	15 Exchange Pl, Jersey City 2, NJ	DE3-2424
Ohio	Les A Morrow Co	3123 W 117th St, Cleveland 11, Ohio	CL1-5780
Pa	Les A Morrow Co	530 State Ave, Pittsburgh, Pa	
Tex	M F Klicpera	Box 3113, Houston, Tex	
Wash	Harris Agencies	2801 First Ave, Seattle, Wash	MA2-8761
Foreign	Royal National Corp	250 W. 57th St, New York 19, NY	PL7-0066
	PETTINOS GRAPHITE CORP, CHARLES	**1 E. 42 St, New York 17, NY**	**MU7-7337**
	D Greffis 315-760		
	PFAFF & KENDALL	**84 Foundry St. Newark 5, NJ**	**MA3-2215**
	J Alvarado #10 *175 E 45		
	PFANSTIEHL CHEMICAL CORP	**104 Lake View Ave, Waukegan, Ill**	**MA3-1360**
	B Wight #2 *75 D 1195		
	PFISTER ALUMINUM CORP	**54 W. Allendale Ave, Allendale, NJ**	**OL2-5220**
	785-1885		
Cal	Lloyd T Corbett	17238 Woodcraft, Azusa	ED4-5723
Conn	Richard W Nash	11 Raymond Ave, Darien, Conn	OL5-9[illegible]7
Fla	Anthony F Blazejack	9520 S.W. 51st St, Miami, Fla	MO7-6215
Ill	Wyatt & Snaglund	590 Yorktown Rd, Chicago Heights	SK5-23[illegible]
NY	Seymour Ross	2511 [illegible] Ct, Bellmore, NY	CA1-3123
Ohio	J Ashton Graham	37 Owen Brown St, Hudson, Ohio	OL3-5656
	PHALO PLASTICS CORP	**530 Boston Tpk, Shrewsbury, Mass**	**VI4-4021**
	A Averill #9 *410 D 185-190-375-795-1960		
Ala	Atcheson & Adams	681 N. Elm St, Greensboro, NC	BR2-6838
Ariz	Shefler-Kahn	P.O. Box 1587, Phoenix, Ariz	AL8-7893
Ark	M F Klicpera Co	P.O. Box 3113, Houston 1, Tex	JA2-8459
Cal	Bob Bray	18 N Mentor Ave. Pasadena	MO1-3751
Cal	Lobell-Warren Associates	1485 Bayshore Blvd, San Francisco, Cal	JU6-7711
Conn	John Kazlow	11 Ridge Rd, Danbury, Conn	PI[illegible]-7677
Del	Paragon Sales	111 S. 22th St, Philadelphia 3, Pa	RI6-7060
Fla	Atcheson & Adams	Fern Park, Fla	MI4-2082
Ga	Atcheson & Adams	P.O. Box 4867, Atlanta, Ga	MA2-9646
Idaho	Dale G Weber	8 S.E. Clay St, Portland 14, Ore	BE4-7671
Ill	Wesley L Wilson Co	5912 W Higgins Ave. Chicago 30	AV2-5535
Ind	Wesley L Wilson Co	5912 W Higgins Ave. Chicago 30, Ill	AV2-5535
Kan	Frank Hippler Sales Co	1135 Cheshire Ln, Webster Groves 19, Mo	WO1-8499
Ky	Geo L Herrick Co	15326 Lorain Ave, Cleveland 11, Ohio	WI1-4406
La	M F Klicpera Co	P.O. Box 3113, Houston 1, Tex	JA2-8459
Me	Howard Jappe	37 Hillcrest Rd, Wakefield, Mass	CR6-4816
Md	Paragon Sales Co	111 S. 22nd St, Philadelphia 3, Pa	RI6-7060
Mass	Howard Jappe	37 Hillcrest Rd, Wakefield, Mass	CR6-4816
Mich	Willard Spenser Co	20144 Livernois, Detroit, Mich	UN3-5189
Minn	R G Ragon Inc	1406 W Idaho Ave, St. Paul 13, Minn	MI6-6937
Miss	M F Klicpera Co	P.O.Box 3113, Houston, Tex	JA2-8459
Mo	Frank Hippler Sales Co	1135 Cheshire Ln, Webster Groves 19, Mo	WO1-8499
Mont	Dale G Weber	8 S.E. Clay St, Portland 14, Ore	BE4-7617
Nev	Shefler-Kahn Co	P.O Box 1587, Phoenix, Ariz	AL8-7893
NH	Howard Jappe	37 Hillcrest Rd, Wakefield, Mass	CR6-4816
NJ	Kaelber & Mack	1 Park Ave, Manhasset, NY	MA7-6620
NM	Shefler-Kahn Co	P.O.Box 1587, Phoenix, Ariz	AL8-7893
NY	Gislason Sales Inc	82 N. Paul St, Rochester 4, NY	LO2-8323
NY	Kaelber & Mack	1 Park Ave, Manhasset, NY	MA7-6620
NC	Hollingsworth & Still	Whitehead Bldg. Atlanta, Ga	MU8-5878
ND	R G Ragon Inc	1406 W. Idaho Ave, St. Paul 13, Minn	MI6-6337
Ohio	Geo L Herrick Co	15326 Lorain Ave, Cleveland 11, Ohio	WI1-4406
Okla	M F Klicpera Co	P.O.Box 2094, Tulsa, Okla	
Ore	Dale G Weber	8 S.E. Clay St, Portland 14, Ore	BE4-7671
Pa	Paragon Sales Co	111 S. 22nd St, Philadelphia 3, Pa	RI6-7060
Pa	Geo L Herrick Co	15326 Lorain Ave, Cleveland, Ohio	WI1-4406
RI	Howard Jappe	37 Hillcrest Rd, Wakefield, Mass	CR6-4816
SC	Hollingsworth & Still	Whitehead Bldg. Atlanta, Ga	MU8-5878
SD	R G Ragon	1406 W. Idaho Ave, St. Paul 13, Minn	MI6-6337
Tenn	Atcheson & Adams	P.O.Box 157, Nashville, Tenn	TU3-2429
Tex	M F Klicpera Co	P.O.Box 3113, Houston 1, Tex	JA2-8459
Vt	Howard Jappe	37 Hillcrest Rd, Wakefield, Mass	CR6-4816
Wash	Dale G Weber	8 S.E. Clay St, Portland 14, Ore	BE4-7671
W. Va	Geo L Herrick Co	15326 Lorain Ave, Cleveland, Ohio	WI1-4406
Wis	Wesley L Wilson Co	5912 W Higgins Ave. Chicago 30, Ill	AV2-5535
Canada	J B Smyth	380 Craig St, W., Montreal 1, Canada	MA5577

TERR	MANUFACTURERS	SALES/OR REPRESENTATIVES OFFICES	TEL. NO.
	PHAOSTRON INSTRUMENT & ELECTRONIC CO	**151 Pasadena Ave, S. Pasadena, Cal**	**CL5-1471**
	F Slick #20 *400 E 35-895-1460		
Ala	Maitland K Smith Co	208-14th St. NW, Atlanta 13, Ga	TR5-8031
Alaska	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Ariz	Frank A Emmet Co	1810 Fair Oaks Ave. S. Pasadena, Cal	MU2-3721
Ark	Maitland K Smith	208 14 St. NW, Atlanta 13, Ga	TR5-8031
Ark	Koch Eng & SalesCo	309 Meadows Bldg. Dallas 6, Tex	EM1-1765
Cal	Frank A Emmet Co	1810 Fair Oaks Ave. S. Pasadena	MU2-3721
Cal	L A Nott Co	1061 Howard St, San Francisco, Cal	HE1-4738
Colo	Peyser & Co.	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Conn	Henry Lavin Associates	P.O. Box 196, Meriden, Conn	BE7-5527
Del	J W Shaffer	4605 Old Frederick Rd. Baltimore 29, Md	WI5-4125
DC	J W Shaffer	4605 Old Frederick Rd, Baltimore 29, Md	WI5-4126
Fla	Maitland K Smith Co	117 N Keystone Dr. Clearwater	TR5-8031
Ga	Maitland K Smith Co	208 Fourteenth St, N.W., Atlanta 13, Ga	TR5-8031
Haw	L A Nott & Co	1061 Howard St. San Francisco 3, Cal	HE1-4738
Idaho	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Ill	G McL Cole Co	6514 W. Higgins Rd, Chicago 31, Ill	SP4-3535
Ill	R W Farris Co., Inc	406 W. 34th St, Kansas City 11, Mo	PL3-5350
Ind	Southern Sales Co	P.O. Box 105, Angola, Ind	777
Iowa	R W Farris Co., Inc	406 W. 34th St, Kansas City 11, Mo	PL3-5350
Kan	R W Farris Co, Inc	406 W 34 St, Kansas City 11, Mo	PL3-5360
Ky	Southern Sales Co	P.O. Box 105, Angola, Ind	777
La	Koch Eng & Sales Co	309 Meadows Bldg. Dallas 6 Tex	EM1-1765
Me	Henry Lavin Associates	P.O. Box 196, Meriden, Conn	BE7-5527
Md	J W Shaffer	4605 Old Frederick Rd, Baltimore 29, Md	WI5-4126
Mass	Henry Lavin Associates	P.O. Box 196, Meriden, Conn	BE7-5527
Mich	Grant Shaffer Co	14241 Fenkell Ave, Detroit 27, Mich	BR2-5390
Minn	Ray Ripley & Assoc	7222 James Ave. S, Mpls 23	UN6-3682
Miss	Maitland K Smith Co	208 Fourteenth St, N.W., Atlanta 13, Ga	TR5-8031
Mo	R W Farris Co., Inc	406 W. 34th St, Kansas City 11, Mo	PL3-5350
Mont	Burt C Porter Co.	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Neb	R W Farris Co., Inc	406 W. 34th St, Kansas City 11, Mo	PL3-5350
Nev	Frank A Emmet Co	1810 Fair Oaks Ave. S. Pasadena, Cal	MU2-3721
Nev	L A Nott & Co	1061 Howard St. San Francisco 3, Cal	HE1-4738
NH	Henry Lavin Associates	P.O Box 196, Meriden, Conn	BE7-5527
NJ	Jerry Bresson Assoc	246 Haverford Ave. Narberth, Pa	GR7-3800
NJ	Max Bixon	16-18 Maddon Pl, Fairlawn, NJ	SW7-9498
NJ	Phaostron Inst & Elec Co	527 Lexington Ave. New York 17, NY	PL3-2272
NM	Frank A Emmet Co	1810 Fair Oaks Ave. S. Pasadena, Cal	MU2-3721
NY	Phaostron Inst & Electronic Co	527 Lexington Ave. New York 17	PL3-2272
NY	Wilson H Zimmerman, Inc	112 Dewitt St. Syracuse 3	GR4-4889
NC	Dula Assoc, Inc	PO Box 5316, Winston-Salem	PA3-4205
ND	Ray Ripley	7222 James Ave, N., Minneapolis 23, Minn	UN6-3682
Ohio	Allen Nace Co	7601 Parkview Rd, Brecksville, Ohio	JA6-4323
Ohio	Robt G Siff Associates	341 N. Robert Blvd, Dayton 2, Ohio	BA2-1254
Okla	Koch Eng & Sales Co	309 Meadows Bldg. Dallas 6, Tex	EM1-1765
Ore	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Pa	Allen Nace Co	7601 Parkview Rd, Breckeville, Ohio	JA6-4323
Pa	Jerry Bresson Associates	246 Haverford Ave, Narberth, Pa	GR7-3800
RI	Henry Lavin Associates	P.O. Box 196, Meriden, Conn	BE7-5527
SC	Dula Assoc, Inc	PO Box 5316, Winston-Salem, NC	PA3-4205
SD	Ray Ripley & Assoc	7222 James Ave. S, Mpls 23, Minn	UN6-3682
Tenn	Maitland K Smith Co	208 Fourteenth St, N.W., Atlanta 13, Ga	TR5-8031
Tex	Koch Eng & Sales Co	309 Meadows Bldg. Dallas 6	EM1-1765
Utah	Peyser & Co.	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Vt	Henry Lavin Associates	P.O. Box 196, Meriden, Conn	BE7-5527
Va	J W Shaffer	4605 Old Frederick Rd. Baltimore 29, Md	WI5-4126
Wash	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
W. Va	Allen Nace Co	7601 Parkview Rd, Breckville, Ohio	JA6-4323
Wisc	G McL Cole Co	6514 W. Higgins Rd, Chicago 31, Ill	SP4-3535
Wyo	Peyser & Co.	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Foreign	Ad Auriema Inc	85 Broad St, New York, NY	BO9-7750
•	**PHELPS DODGE COPPER PRODUCTS CORP**	**300 Park Ave, New York 22, NY**	**PL1-3200**
	F Lealy G 25-190-345-1125-1135-1315-1960		
Ala	Phelps Dodge Copper Prods Corp	3524 4th Ave. S, Birmingham 5	FA3-1836
Cal	Phelps Dodge Copper Prods Corp	6100 S Garfield Ave. Los Angeles 22	PA1-1191
Cal	Phelps Dodge Copper Prods Corp	30 Ingold Rd. Burlingame, San Francisco	OX7-7333
Colo	Phelps Dodge Copper Prods Corp	621 17th St. Denver 2	CH4-9291
DC	Phelps Dodge Copper Prods Corp	14th & F Sts. NW, Washington 4	NA8-8446
Fla	Phelps Dodge Copper Prods Corp	Florida Title Bldg. Jacksonville 2	EL5-7223
Fla	Phelps Dodge Copper Prods Corp	505 N Rome Ave. Tampa 6	8-4821
Ga	Phelps Dodge Copper Prods Corp	903 Candler Bldg. Atlanta 3	MU8-2322
Haw	Phelps Dodge Copper Prods Corp	179 Sand Island Rd. Honolulu	
Ill	Phelps Dodge Copper Prods Corp	100 W Monroe St. Chicago 3	FR2-6336
Ill	Phelps Dodge Copper Prods Corp	1940 N Janice Ave, Melrose Park	ES8-1695
Ind	Phelps Dodge Copper Prods Corp	5 E Market St. Indianapolis 4	ME9-2596
Ind	Phelps Dodge Copper Prods Corp	4400 New Haven Ave. Fort Wayne 1	EA0511
Iowa	Phelps Dodge Copper Prods Corp	Merle Hay Plaza, Des Moines 10	BR5-4565
La	Phelps Dodge Copper Prods Corp	226 Carondelet St. New Orleans 12	MA1191
Mass	Phelps Dodge Copper Prods Corp	175 Albany St. Cambridge 39	EL4-7655
Mich	Phelps Dodge Copper Prods Corp	28 W Adams Ave. Detroit 26	WO1-4080
Mich	Phelps Dodge Copper Prods Corp	736 Samantha, Lansing	TU2-2750
Minn	Phelps Dodge Copper Prods Corp	5009-A Excelsior Blvd. Minneapolis 16	WA6-2795
Mo	Phelps Dodge Copper Prods Corp	1222 Ozark St. N Kansas City 16	BA1-1585
Mo	Phelps Dodge Copper Prods Corp	1221 Locust St. St Louis 3	CH1-4110
NY	Phelps Dodge Copper Prods Corp	75 College Ave. Rochester 7	GR3-9230
NC	Phelps Dodge Copper Prods Corp	213 W 1st St. Charlotte 1	ED2-3575
Ohio	Phelps Dodge Copper Prods Corp	49 E 4th Ave. Cincinnati 2	CH1-7843
Ohio	Phelps Dodge Copper Prods Corp	50 Public Sq. Cleveland 13	PR1-2866
Ohio	Phelps Dodge Copper Prods Corp	30-38 N Main St. Dayton 2	BA2-5503
Ore	Phelps Dodge Copper Prods Corp	1435 NW 16th Ave. Portland 9	CA6-6117
Pa	Phelps Dodge Copper Prods Corp	3105 W Allegheny Ave. Philadelphia 32	BA5-6800
Pa	Phelps Dodge Copper Prods Corp	535 Smithfield St. Pittsburgh 22	EX1-1550
Tenn	Phelps Dodge Copper Prods Corp	Union Planters Natl Bank Bldg. Memphis 2	JA5-7726
Tex	Phelps Dodge Copper Prods Corp	3113 McKinney Ave. Dallas 4	RI7-7089
Tex	Phelps Dodge Copper Prods Corp	2922 Canal St. Houston 3	CA2-9864
Va	Phelps Dodge Copper Prods Corp	1000 Thompson St. Richmond 30	EL5-6521
Wash	Phelps Dodge Copper Prods Corp	808 106th Ave. NE, Seattle	GL4-5026
Wis	Phelps Dodge Copper Prods Corp	711 W Capitol Dr. Milwaukee 15	FR4-3430
	PHELPS DODGE COPPER PRODUCTS CORP INCA MFG DIV	**4400 New Haven Ave, Ft. Wayne, Ind**	**E0511**
	1960		
Ala	Phelps Dodge Copper Prods Corp	3524 4th Ave. S. Birmingham	FA3-1636

TERR	MANUFACTURERS	SALES/OR REPRESENTATIVES OFFICES	TEL. NO.
Cal	Phelps Dodge Copper Products Corp	6100 Garfield Ave, Los Angeles 22, Cal	RA3-1311
Colo	Phelps Dodge Copper Prods Corp	621 17th St. Denver	CH4-9292
DC	Phelps Dodge Copper Prods Corp	207-09 National Press Bldg. Washington	NA8-8446
Fla	Phelps Dodge Copper Prods Corp	110 Florida Title Bldg. Jacksonville	EL5-7223
Ga	Phelps Dodge Copper Products Corp	903 Candler Bldg. Atlanta 3, Ga	MU8-2322
Ill	Phelps Dodge Copper Products Corp	100 W. Monroe St., Chicago 3, Ill	
Ind	Phelps Dodge Copper Products Corp	5 E. Market St., Indianapolis, Ind	
La	Phelps Dodge Copper Prods Corp	226 Carondelet St. New Orleans	MA 1191
Mass	Phelps Dodge Copper Prods Corp	175 Albany St. Cambridge	EL4-7655
Mich	Phelps Dodge Copper Products Corp	1900 Michigan Mutual Bldg. Detroit 26,	WO1-4080
Minn	Phelps Dodge Copper Products Corp	5009-A Excelsior Blvd, Minneapolis	WA6-2795
Mo	Phelps Dodge Copper Products Corp	1221 Locust St, St Louis 3, Mo	CH1-4110
Mo	Phelps Dodge Copper Products Corp	406 W. 34th St, Kansas City 11, Mo	VA1-1265
NJ	Phelps Dodge Copper Products Corp	865 W. Grand St, Elizabeth, NJ	
NY	Phelps Dodge Copper Products Corp	75 College Ave, Rochester 7, NY	GR3-9230
NC	Phelps Dodge Copper Prods Corp	213 W. 1st St. Charlotte	ED2-3575
Ohio	Phelps Dodge Copper Products Corp	1500 Terminal Tower Bldg, Cleveland	PR1-2866
Ohio	Phelps Dodge Copper Products Corp	1341-43 Third National Bldg, Dayton 2	BA2-5503
Ore	Phelps Dodge Copper Prods Corp	1435 NW 16th Ave, Portland	CA2-4279
Pa	Phelps Dodge Copper Products Corp	1522-23 Oliver Bldg. Pittsburgh 22, Pa	EX1-1550
Pa	Phelps Dodge Copper Products Corp	3105 W. Allegheny Ave. Philadelphia, Pa	
Tenn	Phelps Dodge Copper Products Corp	903 Union Planters Nat'l Bank, Memphis	JA5-7726
Tex	Phelps Dodge Copper Products Corp	2922 Canal St, Houston 3 Tex	CA2-9864
Tex	Phelps Dodge Copper Products Corp	3113 McKinney Ave, Dallas 4, Tex	RI7-7089
Wisc	Phelps Dodge Copper Products Corp	711 W. Capitol Dr, Milwaukee 6, Wisc	BR1-1232
	PHEOLL MFG CO., INC	**5700 W.Roosevelt Rd, Chicago 50, Ill**	**CO1-0300**
	125-645-1205-1535-1940		
Ala	Gordon W Miller	P.O. Box 7911, Birmingham 13, Ala	TR9-9045
Cal	William T Tucker	P.O. Box 565, Harbor City, Cal	AD4-4148
Cal	Frederick P Teall	725 Second St, San Francisco 7, Cal	YU6-6842
Colo	Henry Hansen	1563 Wabash St, Denver 2, Colo	KE4-4453
Conn	General Mfg Co	66 N. Elm St, Waterbury, Conn	PL6-7806
Ga	Price Horton Co	P.O. Box 115, Atlanta 3, Ga	JA4-2955
Ind	George Cahill	9128 N. College Ave, Indianapolis 20	VI6-2200
Ind	Lawrence Luft	941 S. Esther Ave, South Bend 15, Ind	AT8-7401
Iowa	Ernest H Porter	629 S. Oakwood Ave, Geneseo, Ill	GE3771
Ky	Glenn L Shinkle	54 Windham Ln, Louisville 6, Ky	TW5-7346
Mich	Pheoll Mfg Co., Inc	10715 Puritan Ave, Detroit 38, Mich	UN1-6902
Minn	Pheoll Of Minnesota	1313 Chestnut Ave, N., Minneapolis 3	GE4058
Mo	Thomas S Graham	12411 Bellis Meadows, St Louis 22, Mo	YO5-6273
NJ	Noble Davis	81 River Rd, Chatham, NJ	ME5-8106
NC	Harold L Tester	P.O. Box 374, Charlotte NC	RE5-8486
Ohio	Kirk C Luther	612 Fisher Ave, Lexington, Ohio	SK5-9213
Pa	John M Keeble	9049 Wesleyan Rd, Philadelphia 36, Pa	OR3-2340
Tenn	Charles R Williams	P.O. Box 132, Nashville 2, Tenn	AM9-0079
Tex	R B Wilber Co	106 Express St, Dallas 7, Tex	RI8-6145
Wash	Donald A Olson	420 E. 45th St, Seattle 5, Wash	ME3-4133
Wisc	Stan Hess	691 Kenilworth, Glen Ellyn, Ill	GL4243
Canada	Tote Equipment Co	5837 Dundas St, W., Islington, Toronto	BE2-2411
•	**PHILADELPHIA INSULATED WIRE CO**	**333 New Albany Rd, Moorestown, NJ**	**BE5-6700**
	1960		
Ala	Stanley K Wallace Associates Inc	P. O. Box 67, Lutz, Fla	WE9-3241
Ariz	Phila Insulated Wire Co.	2734 Industrial Way, Santa Maria, Cal	
Cal	Phila Insulated Wire Co	2734 Industrial Way, Santa Maria, Cal	
Colo	Phila Insulated Wire Co	2734 Industrial Way, Santa Maria, Cal	
Conn	Sales Engineering Co	Sugar Ln, Newtown, Conn	GA6-2664
Fla	Stanley K Wallace Associates Inc	P. O. Box 67, Lutz, Fla	WE9-3241
Ga	Stanley K Wallace Associates Inc	P. O. Box 67, Lutz, Fla	WE9-3241
Ill	Willard Spenser Co	20144 Livernois, Detroit, Mich	UN3-5189
Ind	Willard Spenser Co	20144 Livernois, Detroit, Mich	UN3-5189
Mass	Sales Engineering Co	89 High St, Chelmsford, Mass	GL4-7739
Mich	Willard Spenser Co	20144 Livernois, Detroit, Mich	UN3-5189
Minn	Benjamin E Swenson	1516 Nicollet Ave, Minneapolis 3, Minn	FE5-2455
Miss	Stanley K Wallace Associates	Lutz, Fla	WE9-3241
NH	Sales Engineering Co	89 High St, Chelmsford, Mass	GL4-7739
NJ	Wm Gorman Co	Box 206, Livingston, NJ	IN3-5000
NY	Wm Gorman Co	Box 206, Livingston, NJ	IN3-5000
Ohio	Willard Spenser Co	20144 Livernois, Detroit, Mich	UN3-5189
RI	Sales Engineering Co	89 High St, Chelmsford, Mass	GL4-7739
SC	Stanley K Wallace Associates	Lutz, Fla	WE9-3241
Vt	Sales Engineering Co	89 High St, Chelmsford, Mass	GL4-7739
	PHILADELPHIA QUARTZ CO	**1146K Public Ledger Bldg, Phila 6, Pa**	**MA7-7200**
	L Fischer 30-265		
Ill	Philadelphia Quartz Co	205 W. Wacker Dr, Chicago, Ill	
	PHILAMON LABORATORIES INC	**90 Hopper St, Westbury, NY**	**ED3-1700**
	R Hunt #3 *52 D 710-895		
Ariz	Westron Sales & Engineering Co	7407 Melrose Ave, Los Angeles, Cal	WE3-7276
Cal	Westron Sales & Engineering Co	7407 Melrose Ave, Los Angeles, Cal	WE3-7276
NY	The Jack Miller Co	1 Continental Ave, Forest Hills 75, NY	BO3-4446
Foreign	B Freudenberg Inc	50 Rockefeller Plaza, New York 20, NY	PL7-9130
•	**PHILBRICK RESEARCHES INC., GEORGE A.**	**127 Clarendon St, Boston 16, Mass**	**CO6-5375**
	D Sheingold #40 *160 E 338-340-515-895-1150-1340		
Ala	W A Brown & Assoc. Inc	3405 Lookout Dr. SE, Huntsville	JE6-8193
Ariz	Technical Services Inc	3540 Wilshire Blvd, Los Angeles 5, Cal	DU5-1165
Ark	J Y Schoonmaker Co., Inc	5328 Redfield Ave, Dallas, Tex	LA6-7238
Cal	Tech-Ser Inc	3540 Wilshire Blvd, Los Angeles, Cal	DU5-1165
Cal	Tech-Ser Inc	1763 Rosecrans Blvd, San Diego 6, Cal	AC2-1121
Colo	Hytronic Measurements Inc	1295 S. Bannock St, Denver 23, Colo	PE3-3701
Conn	Crane & Egert	97 Reade St, New York 13, NY	WO4-[illegible]
Conn	Instrument Dynamics, Inc	2005 Main St. Stratford	[illegible]
Del	W A Brown & Associates Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
DC	W A Brown & Associates Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Fla	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	AM7-0411
Ga	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	AM7-0411
Idah	Stanley Enterprises	127 River St. Seattle 8, Wash	PA3-3320
Idaho	Hytronic Measurements Inc	1295 S. Bannock St, Denver 23, Colo	PE3-3701
Ill	Hugh Marsland & Co	6639 Lincoln Ave, Chicago 45, Ill	OR6-1100
Ind	Hugh Marsland & Co	6789 E 10th St. Indianapolis 19	FL6-4249
Iowa	Hugh Marsland & Co	6639 Lincoln Ave, Chicago 45, Ill	OR6-1100
Ky	W A Brown & Assoc. Inc	1707 Princeton St. SW, Winston-Salem, NC	PA5-5334
La	J Y Schoonmaker Co., Inc	5328 Redfield Ave, Dallas, Tex	LA6-7238

• INDICATES ADVERTISERS IN THIS ISSUE

FOR EXPLANATION OF SYMBOLS # * A 15 SEE PG. M

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Me	Instrument Dynamics Inc	11 Albion St, Wakefield, Mass	CR6-5100
Md	W A Brown & Assoc, Inc	210 E Pennsylvania Ave, Towson 4	VA8-6744
Mass	Instrument Dynamics, Inc	11 Albion St, Wakefield	245-5100
Mich	M P Odell Co	26614 Center Ridge Rd, Westlake, Ohio	TRI-4000
Mich	High Marsland & Co	4699 Lincoln Ave, Chicago 45, Ill	OR6-1100
Minn	High Marsland Co	231 N. Edgewood Ave, Minneapolis 27	LI5-4481
Miss	W A Brown & Associates, Inc	3405 Lookout Dr, SE, Huntsville, Ala	JE6-8393
Mo	High Marsland Co	4699 Lincoln Ave, Chicago 45, Ill	OR6-1100
Mont	Stanley Enterprises	127 River St, Seattle 8, Wash	PA3-3320
Neb	Hytronic Measurements Inc	1295 S. Bannock St, Denver 23, Colo	PE3-3701
NH	Instrument Dynamics, Inc	11 Albion St, Wakefield, Mass	245-5100
NJ	Crane & Egert Corp	97 Reade St, New York 13, NY	WO4-0994
NM	Hytronic Measurements Inc	211 Sierra, S.E., Albuquerque, NM	AL5-0969
NY	Crane & Egert Corp	97 Reade St, New York 13, NY	WO4-0994
NY	D B Associates Inc	P.O. Box 294, DeWitt, NY	GI6-0220
NC	W A Brown & Assoc, Inc	1707 Princeton St, SW, Winston-Salem	PA5-5384
Ohio	M P Odell Co	26614 Center Ridge Rd, Westlake, Ohio	TRI-4000
Ohio	M P Odell Co	2676 Salem Ave, Dayton 6, Ohio	CH7-4441
Okla	J Y Schoonmaker Co, Inc	5328 Redfield Ave, Dallas, Tex	LA6-7329
Ore	Stanley Enterprises	127 River St, Seattle 8, Wash	PA3-3320
Pa	Crane & Egert Corp	97 Reade St, New York 13, NY	WO4-0994
Pa	M P Odell Co	750 Penn Ave, Pittsburgh 21, Pa	FR1-1291
RI	Instrument Dynamics, Inc	11 Albion St, Wakefield, Mass	245-5100
SC	W A Brown & Associates	203 Casper Rd, Indian River City, Fla	AM7-4411
Tenn	W A Brown & Assoc, Inc	1707 Princeton St, SW, Winston-Salem, NC	PA5-5384
Tex	J Y Schoonmaker Co, Inc	5328 Redfield Ave, Dallas, Tex	LA6-7329
Tex	Hytronic Measurements	211 Sierra, S.E., Albuquerque, NM	AL5-0969
Utah	Hytronic Measurements, Inc	2022 S Main St, Salt Lake City 15	IN6-4324
Vt	Instrument Dynamics, Inc	11 Albion St, Wakefield, Mass	245-5100
Va	W A Brown & Associates	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Wash	Stanley Enterprises	127 River St, Seattle 8	PA3-3320
W. Va	W A Brown & Associates	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Wisc	High Marsland & Co	4699 Lincoln Ave, Chicago 45, Ill	OR6-1100
Wyo	Hytronic Measurements Inc	1295 S. Bannock St, Denver 23, Colo	PE3-3701
For	Terminal Radio Intern'l Ltd	240 W 17th St, New York 11, NY	CH3-5050

PHILCO CORP GOVERNMENT & INDUSTRIAL GROUP — 4700 Wissahickon Ave, Phila 44, Pa — VI3-4000
J Hertzberg G 45-195-200-325-330-340-350-365-450-635-670-775-885-895-1135-1170-1275-1340-1395-1410-1425-1470-1515-1550-1570-1610-1655-1725-1730-1795-1810-1835-1845-1870-1900-1910-1990

TERR	NAME	ADDRESS	TEL. NO.
Cal	Western Development Laboratories	3875 Fabian Way, Palo Alto, Cal	
Cal	Sierra Electronic Division	3885 Bohannon Dr, Menlo Park, Cal	
Cal	Computer Sales Offices	3875 Fabian Way, Palo Alto, Cal	
Cal	Computer Sales Offices	1435 S. La Cienega Blvd, Los Angeles, Cal	
Cal	Industrial Products Sales Offices	3875 Fabian Way, Palo Alto, Cal	
DC	Computer Sales Offices	1707 H St, N.W., Washington 6, DC	
Ga	Industrial Prods Sales Offices	2970 Ducan Dr, Atlanta	
Ill	Industrial Products Sales Offices	4532 Madison St, Hillside, Ill	
Kan	Computer Sales Offices	Exchange Bank Bldg, Dallas, Tex	
Pa	Computer Division	3900 Welsh Rd, Willow Grove, Pa	
Tex	Industrial Products Sales Offices	Exchange Bank Bldg, Dallas, Tex	

• **PHILCO CORP LANSDALE DIV** — Church Rd, Lansdale, Pa — UL5-4681
J Melsheimer G 275-410-500-885-895-1860-1880

TERR	NAME	ADDRESS	TEL. NO.
Ala	Philco Corp	310 S. Bumby St, Orlando, Fla	
Ariz	Philco Corp	3045 Rosecrans St, San Diego 10, Cal	AC4-2151
Ark	Philco Corp	6957 W. North Ave, Oak Park, Ill	ES8-7270
Cal	Philco Corp	7755 Sunset Blvd, Los Angeles	HO3-4191
Cal	Philco Corp	3875 Fabian Way, Bldg 58A, Palo Alto	DA6-4350
Cal	Philco Corp	3045 Rosecrans St, San Diego 10, Cal	AC4-2151
Colo	Philco Corp	3045 Rosecrans St, San Diego 10, Cal	AC4-2151
Conn	Philco Corp	43 Bay State Rd, Boston, Mass	CO6-1008
Del	Philco Corp	100 Old York Rd, Jenkintown, Pa	TU7-4244
DC	Philco Corp	1707 H Street NW, Washington	EX3-1500
Fla	Philco Corp	310 S Bumby St, Orlando	CH1-6751
Idaho	Philco Corp	3875 Fabian, Bldg 58A, Palo Alto, Cal	DA6-4350
Ill	Philco Corp	6957 W. North Ave, Oak Park, Ill	ES8-7270
Ind	Philco Corp	6957 W. North Ave, Oak Park, Ill	ES8-7270
Iowa	Philco Corp	1821 University Ave, St. Paul 4, Minn	MI5-2117
Kan	Philco Corp	1821 University Ave, St. Paul 4, Minn	MI5-2117
Ky	Philco Corp	6957 W. North Ave, Oak Park, Ill	ES8-7270
La	Philco Corp	6957 W. North Ave, Oak Park, Ill	ES8-7270
Me	Philco Corp	43 Bay State Rd, Boston, Mass	CO6-1008
Md	Philco Corp	1707 H St, N.W., Washington 6, DC	EX3-1500
Mass	Philco Corp	43 Bay State Rd, Boston, Mass	CO6-1008
Mich	Philco Corp	10160 W Mile Rd, Detroit 37	LI8-5105
Minn	Philco Corp	1821 University Ave, St. Paul 4, Minn	MI5-2117
Miss	Philco Corp	6957 W. North Ave, Oak Park, Ill	ES8-7270
Mo	Philco Corp	6957 W. North Ave, Oak Park, Ill	ES8-7270
Mo	Philco Corp	1821 University Ave, St. Paul 4, Minn	MI5-2117
Mont	Philco Corp	3875 Fabian, Bldg 58A, Palo Alto, Cal	DA6-4350
Neb	Philco Corp	1821 University Ave, St. Paul 4, Minn	MI5-2117
Nev	Philco Corp	3875 Fabian, Bldg 58A, Palo Alto, Cal	DA6-4350
NH	Philco Corp	43 Bay State Rd, Boston, Mass	CO6-1008
NJ	Philco Corp	309 Willis Ave, Mineola, NY	PI7-0545
NJ	Philco Corp	100 Old York Rd, Jenkintown, Pa	TU7-4244
NM	Philco Corp	3045 Rosecrans St, San Diego 10, Cal	AC4-2151
NY	Philco Corp	309 Willis Ave, Mineola, NY	PI7-0545
NY	Philco Corp	225 Harrison St, Syracuse, NY	HA2-1623
NC	Philco Corp	1707 H St, N.W., Washington 6, DC	EX3-1500
ND	Philco Corp	1821 University Ave, St. Paul 4, Minn	MI5-2117
Ohio	Philco Corp	First & Ludlow Sts, Dayton 2, Ohio	BA4-6578
Okla	Philco Corp	3045 Rosecrans St, San Diego 10, Cal	AC4-2151
Ore	Philco Corp	3875 Fabian, Bldg 58A, Palo Alto, Cal	DA6-4350
Pa	Philco Corp	100 Old York Rd, Jenkintown, Pa	TU7-4244
RI	Philco Corp	43 Bay State Rd, Boston, Mass	CO6-1008
SC	Philco Corp	310 S. Bumby St, Orlando, Fla	
SD	Philco Corp	1821 University Ave, St. Paul 4, Minn	MI5-2117
Tenn	Philco Corp	6957 W. North Ave, Oak Park, Ill	ES8-7270
Tex	Philco Corp	3045 Rosecrans St, San Diego 10, Cal	AC4-2151
Utah	Philco Corp	3045 Rosecrans St, San Diego 10, Cal	AC4-2151
Vt	Philco Corp	43 Bay State Rd, Boston, Mass	CO6-1008
Va	Philco Corp	1707 H St, N.W., Washington 6, DC	EX3-1500
Wash	Philco Corp	3875 Fabian, Bldg 58A, Palo Alto, Cal	DA6-4330
W. Va	Philco Corp	1707 H St, N.W., Washington 6, DC	EX3-1500
Wisc	Philco Corp	1821 University Ave, St. Paul 4, Minn	MI5-2117
Wisc	Philco Corp	6957 W. North Ave, Oak Park, Ill	ES8-7270
Wyo	Philco Corp	3875 Fabian, Bldg 58A, Palo Alto, Cal	DA6-4350
Canada	Philco Corp of Canada Ltd	Don Mills Rd, Don Mills, Ontario, Canada	HI4-2541
Foreign	Philco International Corp	C & Tioga Sts, Philadelphia 34, Pa	NE4-5100

PHILIPS ELECTRONIC INSTRUMENTS — 750 S. Fulton Ave, Mt. Vernon, NY — MO4-4500
P Wolf *350 200-360-895-1400-1455-1810-1855-1880-1900

TERR	NAME	ADDRESS	TEL. NO.
Ala	Philips Electronic Instruments	3120 Maple Dr, N.E., Atlanta 5, Ga	CE7-9452
Alaska	Scientific Supplies Co	600 Spokane St, Seattle, Wash	MU2-3460
Ariz	Van Waters & Rogers, Inc	2200 E Broadway Tucson	MA4-1091
Ark	Industrial Controls Inc	4202 S. Owasso St, Tulsa 1, Okla	RI7-5881
Cal	Braun-Knecht-Heimann Co	1400 Sixteenth St, San Francisco, Cal	HE1-8800
Cal	Philips Electronic Instruments	1299 Bayshore Hwy, Burlingame, Cal	DI3-3845
Colo	Technical Equipment Corp	917 Acoma St, Denver 4, Colo	MA3-0258
Conn	Atlantex Corp	625 McGrath Hwy, Somerville, Mass	MO6-5100
Del	Philips Electronic Instruments	1825 Grant Ave, Philadelphia, Pa	OR3-0900
DC	J J Maguire Co	742 Investment Bldg, Wash 5, DC	NA8-4247
Fla	Philips Electronic Instruments	3120 Maple Dr, N.E., Atlanta 5, Ga	CE7-9452
Ga	Philips Electronic Instruments	3120 Maple Dr, N.E., Atlanta 5, Ga	CE7-9452
Hawaii	Braun Knecht Heimann Co	1637 Kapiolani Blvd, Honolulu 14, Hawaii	
Idaho	Scientific Supplies Co	600 Spokane St, Seattle, Wash	MU2-3460
Ill	Philips Electronic Instruments	5535 W. Montrose Ave, Chicago 41, Ill	AV2-1414
Ind	Philips Electronic Instruments	5535 W. Montrose Ave, Chicago 41, Ill	AV2-1414
Iowa	Philips Electronic Instruments	5535 W. Montrose Ave, Chicago 41, Ill	AV2-1414
Kan	Philips Electronic Instruments	5535 W. Montrose Ave, Chicago 41, Ill	AV2-1414
Kan	Industrial Controls Inc	4202 S. Owasso St, Tulsa 1, Okla	RI7-5881
Ky	Harshaw Chemical Co	1945 E. 97th St, Cleveland 6, Ohio	VU3-2424
La	Gamma Industries, Inc	2255 Ted Dunham St, Baton Rouge	DI2-3031
La	Philips Electronic Instruments	3230 Mercer St, Houston 27, Tex	JA8-5933
Me	Atlantex Corp	625 McGrath Hwy, Somerville, Mass	MO6-5100
Md	J J Maguire Co	742 Investment Bldg, Wash 5, DC	NA8-4247
Mass	Atlantex Corp	625 McGrath Hwy, Somerville, Mass	MO6-5100
Mich	Harshaw Scientific	9240 Hubbell Ave, Detroit 28, Mich	VE6-6300
Mich	Bardel, Inc	24635 Five Mile Rd, Detroit 39, Mich	KE1-0098
Minn	Philips Electronic Instruments	5535 W. Montrose Ave, Chicago 41, Ill	AV2-1414
Minn	Pengelly X-Ray Co	6002 Excelsior Blvd, Minneapolis 16,	WE9-7895
Mo	Philips Electronic Instruments	5535 W. Montrose Ave, Chicago 41, Ill	AV2-1414
Mont	Scientific Supplies Co	600 Spokane St, Seattle, Wash	MU2-3460
Neb	Technical Equipment Corp	917 Acoma St, Denver 4, Colo	MA3-0258
Neb	Philips Electronic Instruments	5535 W. Montrose Ave, Chicago 41, Ill	AV2-1414
Nev	Braun Chemical Co	1363 S. Bonnie Beach Pl, L A, Cal	AN3-9311
Nev	Braun Knecht Heimann Co	1400 16th St, San Francisco 19, Cal	HE1-8800
NH	Atlantex Corp	625 McGrath Hwy, Somerville, Mass	MO6-5100
NJ	Philips Electronic Instruments	1825 Grant Ave, Philadelphia 15, Pa	OR3-0900
NM	Technical Equipment Corp	917 Acoma St, Denver 4, Colo	MA3-0258
NY	Harshaw Scientific	250 Delaware Ave, Buffalo 2, NY	TT3-9100
NC	J J Maguire Co	742 Investment Bldg, Wash 5, DC	NA8-4247
ND	Philips Electronic Instruments	5535 W. Montrose Ave, Chicago 41, Ill	AV2-1414
Ohio	Bardel, Inc	17922 Lorain Ave, Cleveland 11, Ohio	CL2-2594
Ohio	Harshaw Scientific	6265 Wiehe Rd, Cincinnati 13	RE1-9100
Okla	Industrial Controls Inc	4202 S Owasso St, Tulsa 5, Okla	RI7-5881
Ore	Scientific Supplies Co	3950 N.W. Yeon Ave, Portland 10, Ore	CA2-1721
Pa	Harshaw Scientific Div	1945 E. 97th St, Cleveland 6, Ohio	VU3-2424
Pa	Philips Electronic Instruments	1825 Grant Ave, Philadelphia 15, Pa	OR3-0900
Pa	Pittsburgh Scientific Instrument Corp	501 Castle Shannon Blvd, Pittsburgh 34,	LO3-2626
RI	Atlantex Corp	625 McGrath Hwy, Somerville, Mass	MO6-5100
SC	J J Maguire Co	742 Investment Bldg, Wash 5, DC	NA8-4247
SD	Philips Electronic Instruments	5535 W. Montrose Ave, Chicago 41, Ill	AV2-1414
Tenn	Harshaw Chemical Co	1945 E. 97th St, Cleveland 6, Ohio	VU3-2424
Tenn	Ridge Instrument Co	162 Tulane Rd, Oak Ridge, Tenn	5-3333
Tex	Philips Electronic Instruments	3230 Mercer St, Houston 27, Tex	JA8-5933
Tex	X-Ray Services of Fort Worth	3113 Erie St, Fort Worth, Tex	JE4-7673
Utah	Braun-Knecht-Heimann Co	650 W 8th St, Salt Lake City, Utah	DA8-1112
Vt	Atlantex Corp	625 McGrath Hwy, Somerville, Mass	MO6-5100
Va	J J Maguire Co	742 Investment Bldg, Wash 5, DC	NA8-4247
Wash	Scientific Supplies Co	600 Spokane St, Seattle, Wash	MU2-3460
Wash	Scientific Supplies Co	N 8600 Moore St, Spokane, Wash	KE5-6020
W. Va	Pittsburgh Scientific Instrument Corp	501 Castle Shannon Blvd, Pittsburgh, Pa	LO3-2626
W. Va	J J Maguire Co	742 Investment B'dg, Wash 5, DC	NA8-4247
Wisc	Lapen Industries Inc	5512 W. State St, Milwaukee 8, Wisc	SP1-3060
Wyo	Technical Equipment Corp	917 Acoma St, Denver 4, Colo	MA3-0258
BC	Van Waters & Rogers, Inc	2525 Dennis St, Vancouver 12	HE3-[illegible]
Can	Philips Electronic Ind, Ltd	116 Vanderhoof Ave, Toronto 17, Can	HU7-5[illegible]
Can	Philips Electronic Ind, Ltd	8525 Decarie Blvd, Montreal, PQ	RI4-[illegible]
Can	Philips Electronic Ind, Ltd	206 Riel Blvd, Hull, PQ	

PHILIPS ELECTRONICS IND. LTD — 116 Vanderhoof Ave., Toronto 17, Ont
H Pollock #100 *2,000 E 325-895-1425-1845-1870

PHILIPS ELMET CORP — Lewiston, Maine — 784-5478
R Booth #7 *150 E 1125-1960

TERR	NAME	ADDRESS	TEL. NO.
Ariz	Carl E Holmes Co	107 N. Ave 64, LA	CL6-2255
Cal	Carl E Holmes Co	107 N. Ave 64, Los Angeles 42, Cal	CL6-2255
Conn	Hale-Forden Associates	1232 Farmington Ave, West Hartford, Conn	JA3-5323
Mass	Hale-Forden Associates	1232 Farmington Ave, West Hartford, Conn	JA3-5323
NH	Hale-Forden Associates	1232 Farmington Ave, West Hartford, Conn	CL3-5323
NJ	Philips Elmet Corp	100 E. 42nd St. NY 17, NY	OX7-3600
NY	Philips Elmet Corp	100 E. 42nd St. NY 17	OX7-3600
Ore	Carl E Holmes Co	107 N. Ave. 64, LA, Cal	CL6-2255
Pa	Philips Elmet Corp	100 E. 42nd St. NY 17, NY	OX7-3600
RI	Hale-Forden Associates	1232 Farmington Ave, West Hartford, Conn	CL3-5323
Vt	Hale-Forden Associates	1232 Farmington Ave, West Hartford, Conn	CL3-5323
Wash	Carl E Holmes Co	107 N. Ave. 64, LA, Cal	CL6-2255

PHILIPS' GLOEILAMPENFABRIEKEN, NV — Eindhoven, Netherlands
10-325-338-500-565-810-895-930-990-1085-1130-1135-1150-1235-1245-1255-1400-1425-1435-1880-1990-1995

PHILLIPS CONTROL CO. DIV. PHILLIPS-ECKARDT ELEC CORP — 59 W Washington St. Joliet, Ill — SA3-3431
R Nieland #10 *350 F 20-1460-1645

TERR	NAME	ADDRESS	TEL. NO.
Cal	Phillips Control Corp	631 Wilshire Blvd, Santa Monica, Cal	EX3-8380
Cal	Long & Associates	505 Middlefield Rd, Redwood City, Cal	EM8-3324
Cal	William A Gibson	1304 Alexandria Dr, San Diego 7, Cal	
Conn	Phillips Control Corp	655 Madison Ave, New York 21, NY	MU5-9103
Del	L G White & Co., Inc	108 Forrest Ave, Narberth, Pa	MO4-6805
DC	L G White & Co., Inc	880 Bonifant St, Silver Spring, Md	JU5-3141
Fla	Benz Sales	P.O. Box 178, North Miami Beach 62,	FR4-1391
Idaho	Harry Lawrence	1117 Second Ave, Seattle, Wash	MA5-3117
Ind	A E Williams	Route 1, Markle, Ind	3K8-5752
Ky	A E Williams Co	6330 Montgomery Rd, Cincinnati 13, Ohio	EL1-6121
Me	Phillips Control Corp	13 Eaton Ct, Wellesley Hills, Mass	CE5-3334
Md	L G White & Co., Inc	212 Washington Ave, Towson 4, Md	VA3-8700
Mass	Phillips Control Corp	13 Eaton Ct, Wellesley Hills, Mass	CE5-3334
Mich	Servissales Co	13417 Cedar Rd, Cleveland 6, Ohio	ER1-0050
Nev	Phillips Control Corp	631 Wilshire Blvd, Santa Monica, Cal	EX3-8380
NH	Phillips Control Corp	13 Eaton Ct, Wellesley Hills, Mass	CE5-3334
NJ	Phillips Control Corp	655 Madison Ave, New York, NY	MU5-9103
NM	Ralph B Elack	721 Loma Vista Dr, N.E., Albuquerque,	AL5-9621
NY	Phillips Control Corp	655 Madison Ave, New York, NY	MU5-9103
NC	L G White & Co., Inc	2080 Beach St, Winston Salem, NC	PA5-3833
Ohio	Servissales Co	13417 Cedar Rd, Cleveland 6, Ohio	ER1-0050
Okla	Ammon & Woods Associates	5602 E. Mockingbird Ln, Dallas, Tex	TA6-4171
Ore	Harry Lawrence	1117 Second Ave, Seattle, Wash	MA5-3117
Pa	L G White & Co., Inc	108 Forrest Ave, Narberth, Pa	MO4-6805
RI	Phillips Control Corp	13 Eaton Ct, Wellesley Hills, Mass	CE5-3334
SC	L G White & Co., Inc	2080 Beach St, Winston Salem, NC	PA5-3833
Tex	Ammon & Woods Associates	5602 E. Mockingbird Ln, Dallas, Tex	TA6-4171
Vt	Phillips Control Corp	13 Eaton Ct, Wellesley Hills, Mass	CE5-3334
Va	L G White & Co., Inc	880 Bonifant St, Silver Spring, Md	JU5-3141
Wash	L G White & Co., Inc	880 Bonifant St, Silver Spring, Md	JU5-3141
W.Va	L G White & Co., Inc	880 Bonifant St, Silver Spring, Md	JU5-3141
Wisc	Phillips Control Corp	59 W. Washington St, Joliet, Ill	SA3-3431

PHILLIPS ELECTRONICS MFG CO — 119 Allen Blvd. Farmingdale, NY — MY4-5095
G Phillips #2 *7 A 360-365-385-595-735-820-895-915-1045-1135-1215-1340-1390-1455-1915

PHILLIPS MFG CO — 3406 W. Touhy Ave, Chicago 45, Ill
265-1940

PHILLIPS PROCESS CO., INC — 192 Mill St, Rochester 14, NY — BA5-8201
*25 B 893

PHILMORE MFG CO., INC — 130-01 Jamaica Ave, Richmond Hill, NY — HI1-5000
J Granet #5-8 *50 E 45-325-955-960-1425-1845

TERR	NAME	ADDRESS	TEL. NO.
Ala	A S Engelman Co	3205 Crump Ave, Memphis, Tenn	
Ariz	W B Galliher Co	1559 Chester St, Aurora, Colo	
Ark	Antle-Smith Sales	2721 Brookfield St, Dallas, Tex	
Cal	B L Cahn	420 Market St, San Francisco, Cal	
Cal	R E Osborne	1757 Garfield Ave, Los Angeles, Cal	
Colo	W B Galliher	1559 Chester St, Aurora, Colo	
Fla	Crowell-Wamble Sales	2217 Aloma Ave, Winter Park	
Ga	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	
Idaho	W B Galliher	1559 Chester St, Aurora, Colo	
Ill	Gary Granat	330 S. Franklin St, Chicago, Ill	
Ind	Gary Granat	330 S. Franklin St, Chicago, Ill	
Iowa	Gary Granat	330 S. Franklin St, Chicago, Ill	
Kan	Gary Granat	330 S. Franklin St, Chicago, Ill	
Ky	Gary Granat	330 S. Franklin St, Chicago, Ill	
La	Antle-Smith Sales	2721 Brookfield St, Dallas, Tex	
Mich	Gary Granat	330 S. Franklin St, Chicago, Ill	
Minn	Gary Granat	330 S. Franklin St, Chicago, Ill	
Miss	A S Engelman Co	3205 Crump Ave, Memphis, Tenn	
Mo	Gary Granat	330 S. Franklin St, Chicago, Ill	
Mont	W B Galliher	1559 Chester St, Aurora, Colo	
Neb	Gary Granat	330 S. Franklin St, Chicago, Ill	
Nev	B L Cahn	420 Market St, San Francisco, Cal	
NJ	Arthur M Harris Inc	42-34 195th St, Flushing, NY	
NM	W B Galliher	1559 Chester St, Aurora, Colo	
NY	Hess	6207 - 69th Ave, Ridgewood, NY	
NY	Arthur M Harris Inc	42-34 195th St, Flushing, NY	
NC	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	
ND	Northern States Sales Co	1400 Park Ave, Minneapolis, Minn	
Ohio	Gary Granat	330 S. Franklin St, Chicago, Ill	
Okla	Antle-Smith Sales	2721 Brookfield St, Dallas, Tex	
Ore	Fred H Haight Co	3212 Eastlake Ave, Seattle, Wash	
Pa	Gary Granat	330 S. Franklin St, Chicago, Ill	
SC	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	
SD	Northern States Sales Co	1400 Park Ave, Minneapolis, Minn	
Tenn	A S Engelman Co	3205 Crump Ave, Memphis, Tenn	
Tex	Antle-Smith Sales	2721 Brookfield St, Dallas, Tex	
Utah	W B Galliher	1559 Chester St, Aurora, Colo	
Va	J C Merdian Co	1 Christopher St, New York, NY	
Wash	Fred H Haight Co	3212 E. Lake Ave, Seattle, Wash	
Wisc	Gary Granat	330 S. Franklin St, Chicago, Ill	
Foreign	Minthorne International Co., Inc	15 Moore St, New York, NY	

PHOENIX PRECISION INSTRUMENT CO — 3805 N. Fifth St, Philadelphia, Pa — BA8-7417
E Fahrmeister #27 *56 D 235-338-360-885-895-1915-1880

PHONOGRAPH CORP OF AMERICA — 240A Old Country Rd. Hicksville, NY — OV1-7363
L Risman #1 B 55-170-230-895

PHOTO ELECTRONICS CORP — 1547 10th St. Santa Monica, Cal — UP0-7428
J Bertec #10 *30 290-1645

PHOTOBELL CO, INC — 12 E 22 St. New York 10, NY — OR4-2121
R Schwerdt Jr #6 *22 C 338-360-885-895

TERR	NAME	ADDRESS	TEL. NO.
Ariz	Harry A Moore	P.O. Box 7245, Phoenix, Ariz	AM4-4822
Cal	John W Ball	601 S. Vermont Ave, Los Angeles 5, Cal	DU9-7104
Conn	John F MacLean Co	502 River Ave, Providence 8, RI	UN1-4125
Idaho	McMillan Electronics	10111 S.W. 62nd Ave, Portland, Ore	CH4-1311
Ill	Rockford Supply & Equipment Co	2514 Kilburn Ave, Rockford, Ill	RO4-4605
Ill	G F Engineering Co	8100 Stanford Ave, St Louis, Mo	PA5-5219
Mass	John F MacLean Co	502 River Ave, Providence 8, RI	UN1-4125
Mo	Rockford Supply & Equipment Co	2514 Kilburn Ave, Rockford, Ill	RO4-4605
Mont	McMillan Electronics	10111 S.W. 62nd Ave, Portland, Ore	CH4-1311
NM	Harry A Moore	P.O. Box 7245, Phoenix, Ariz	AM4-4822
NC	Associated Agents Inc	P.O. Box 2513, Greensboro, NC	BR4-3051
Ohio	Zenith Engineering Sales Co	2234 Mayview Ave, Cleveland, Ohio	ON1-1742
Ore	McMillan Electronics	10111 S.W. 62nd Ave, Portland, Ore	CH4-1311
RI	John F MacLean Co	502 River Ave, Providence 8, RI	UN1-4125
SC	Associated Agents Inc	P.O. Box 2513, Greensboro, NC	BR4-3051
Tex	Southwestern Controls Co	P.O. Box 13352, Houston, Tex	UN2-8874
Utah	Sharmar Nabaum & Co	4777 S. 1300 East, Salt Lake City 17	CR7-0459
Va	Associated Agents Inc	P.O. Box 2513, Greensboro, NC	BR4-3051
Wash	McMillan Electronics	10111 S.W. 62nd Ave, Portland, Ore	CH4-1311

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
ic	Rockford Supply & Equipment Co	2514 Falburn Ave, Rockford, Ill	RD4-4505
h	Sherman Nathan & Co	4777 S. 1300 East, Salt Lake City 17, U	CR7-0459
reign	McMillan Electronics	10211 S.W. 62nd Ave, Portland, Ore	CH4-1311
reign	Rocke International Corp	13 E. 40th St, New York 16, NY	MU9-0200

PHOTOCHRON INSTRUMENTS, INC — 662 Main St. Westbury, NY — ED3-2200
M Wasser #4 *10 B 275-360-895

PHOTOCIRCUITS CORP — 31 Sea Cliff Ave. Glen Cove, NY — OR6-8000
A Kingsbury #40 *360 F 280-338-1165-1475

TERR	NAME	ADDRESS	TEL. NO.
a	William G Mengel	2238 Duncan Dr. Largo, Fla	584-3745
iz	Torrey Assoc	1429 N 1st St. Phoenix	AL2-4357
k	M F Klicpera	Box 3113, Houston 1, Tex	RI7-3868
il	Photocircuits of Cal	2211 Howell Ave. Anaheim	KE2-3338
lo	Longstreet-Smith	1013 15th St, Denver 2, Colo	KE4-5091
m	J M Kniznski Jr	23 Purdue Rd. Glen Cove, NY	OR6-8000
l	Frederick J Beste	17 Northampton Rd. Timonium, Md	CL2-4454
	Frederick J Beste	17 Northampton Rd. Timonium, Md	CL2-4454
a	William G Mengel	2238 Duncan Dr. Largo	584-3745
	Frederick J Beste	17 Northampton Rd. Timonium, Md	CL2-4454
w	Photocircuits of Cal	2211 Howell Rd. Anaheim, Cal	KE2-3338
al	Photocircuits of Cal	2211 Howell Rd. Anaheim, Cal	KE2-3338
	Robert L Coryell	234 Hickory Rd, Lombard, Ill	MA7-6293
	Terrell L Vance	4128 Eckworth Dr, Bellbrook, Ohio	VI8-2205
as	Robert L Coryell	234 Hickory Rd, Lombard, Ill	MA7-6293
in	Robert L Coryell	234 Hickory Rd, Lombard, Ill	MA7-6293
	Terrell L Vance	4128 Eckworth Dr, Bellbrook, Ohio	VI8-2205
	M F Klicpera	Box 3113, Houston 1, Tex	RI2-3868
l	R E Wilbur	17 Downing Rd. Peabody, Mass	HU8-4554
d	Frederick J Beste	17 Northampton Rd. Timonium	CL2-4454
ss	R E Wilbur	17 Downing Rd. Peabody	HU8-4554
ch	A T Schort	535 Beverly Rd. Cleveland, Ohio	EV1-1492
nn	Lloyd F Murphy & Assoc	1940 Hennepin Ave. Mnpls 5	FR4-2350
ss	M F Klicpera	Box 3113, Houston, Tex	RI7-3868
	Robert L Coryell	234 Hickory Rd, Lombard, Ill	MA7-6293
nt	Photocircuits of Cal	2211 Howell Ave. Anaheim, Cal	KE2-3338
e	Robert L Coryell	234 Hickory Rd, Lombard, Ill	MA7-6293
ev	Photocircuits of Cal	2211 Howell Ave. Anaheim, Cal	KE2-3338
l	R E Wilbur	17 Downing Rd. Peabody, Cal	HU8-4554
d	Longstreet-Smith	1013 15th St, Denver 2, Col	KE4-5091
C	Frederick J Beste	17 Northampton Rd. Timonium, Md	CL2-4454
io	Terrell L Vance	4128 Eckworth Dr, Bellbrook, Ohio	VI8-2205
kla	M F Klicpera	Box 3113, Houston 1, Tex	RI7-3868
re	Gordon MacDonnell	3433 Janice Way, Palo Alto, Cal	DA1-7321
a	Frederick J Beste	17 Northampton Rd. Timonium, Md	CL2-4454
l	R E Wilbur	17 Downing Rd. Peabody, Mass	HO8-4554
C	Frederick J Beste	17 Northampton Rd. Timonium, Md	CL2-4454
	Terrell L Vance	4128 Eckworth Dr. Bellbrook, Ohio	VI8-2205
ex	M F Klicpera	Box 3113, Houston 1	RI7-3868
ah	Longstreet-Smith	1013 15th St, Denver 2, Colo	KE4-5091
t	R E Wilbur	17 Downing Rd. Timonium, Md	HU8-4554
a	Frederick J Beste	17 Northampton Rd. Timonium, Md	CL2-4454
ach	Gordon MacDonnell	3433 Janice Way, Palo Alto, Cal	DA1-7321
Va	Frederick J Beste	17 Northampton Rd. Timonium, Md	CL2-4454
is	Lloyd F Murphy & Assoc	1940 Hennepin Ave. Mnpls 5, Minn	FR4-2350
yo	Longstreet-Smith	1013 15th St, Denver 2, Colo	KE4-5091

PHOTOCON RESEARCH PRODUCTS — 421 N.Altadena Dr, Pasadena, Cal — SY2-4131
P Gonzell #5 *100 E 895-1130-1735-1850

TERR	NAME	ADDRESS	TEL. NO.
la	Col-Ins-Co	64 E. Central Ave, Orlando, Fla	GA2-6197
a	Irving Forde	2354 Ewing Dr, Atlanta 19, Ga	ME6-6177
l	Bard Assoc	328 Selbourne Rd. Riverside	HI7-7555
J	J W Dice Co	16 Highwood Ave, Englewood, NJ	LO9-0471
ex	Southern Ind Electronics, Inc	Exchange Pk, PO Box 9314, Dallas	FL2-3901
anada	Toronto Type Foundry	120 Wellington St, Toronto, Ontario, Can	EM6-7991

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19458 Ventura Blvd, Tarzana, Cal — DI5-5261
200-895-1430

PHOTOMATION INC — 96 S. Washington, Bergenfield, NJ — DU4-3411
E Ross #3 *21 C 360-895

TERR	NAME	ADDRESS	TEL. NO.
la	J Neal & Co	3931 SW 5th Terr. Miami, Fla	HI4-1118
las	John Williams Co	766 Dexter Horton Bldg. Seattle 4, Wash	MA2-4363
riz	Western Automation, Inc	653 S Melrose, Placentia, Cal	LA8-1133
rk	Whitson Engineering Co	P.O. Box 13431, Dallas 20, Tex	FL1-4654
al	Stillson Associates	33 Meadow Park Ct, Orinda, Cal	CL4-3751
olo	Landes, Zachary & Peterson Co	601 S Jason St. Denver 23	MA3-6203
onn	W C Bellis Eqpt Co	15 Exchange Pl. Jersey City, NJ	DE3-1100
el	William Hagan & Co	P.O. Box 134, Penndel, Pa	WI5-7126
C	Maloney Engineering Co	704 17th St, N.W. Washington 6, DC	DI7-6329
la	J Neal & Co	3931 S.W. 5th Terrace, Miami, Fla	HI4-1118
a	J Neal & Co	3931 S.W. 5th Terrace, Miami, Fla	
tah	Landes, Zachary & Peterson	601 S Jason St. Denver 23, Colo	MA3-6203
l	Meters & Controls	444 N. Lasalle St, Chicago 10, Ill	WH4-1148
d	Henry J Morath Co	325 Bankers Trust Bldg, Indianapolis	ME5-4082
owa	A J Warner Co	5022 29th Ave, S., Minneapolis 17, Minn	PA9-7371
an	Economy Equipment Co	7341 Broadway, Kansas City, Mo	JA3-1010
y	Charles Weber Co	536 Eastern Parkway, Louisville	ME7-2544
a	Emile C Dechaudreaux Jr	P.O. Box 261, Kenner, La	KE4-4865
e	Power Equipment Sales Inc	77 Summer St, Boston 10, Mass	HA6-0596
d	William Hagan & Co	P.O. Box 134, Penndel, Pa	WI5-7126
ass	Power Equipment Sales Inc	77 Summer St, Boston, Mass	HA6-0596
ich	Ralph D Ernest Associates	12818 Puritan Bldg, Detroit 27, Mich	UN1-7311
ich	Robert B Taylor Co	831 Monroe Blvd. Dearborn 7	CU-3506
inn	A J Warner Co	5022 29th Ave, S., Minneapolis 17, Minn	PA9-7371
iss	Emile C Dechaudreaux Jr	P.O. Box 261, Kenner, La	KE4-4865
o	Warren Bruce & Co	4903 Delmar Blvd, St. Louis 8, Mo	FO7-7003
ont	Landes Zachary & Peterson Co	601 S. Jason St, Denver 28, Colo	
eb	A J Warner Co	5022 29th Ave, S., Minneapolis 17, Minn	PA9-7371
lev	Western Automation, Inc	653 S Melrose, Placentia, Cal	LA8-1113
H	Power Equipment Sales Inc	77 Summer St, Boston, Mass	HA6-0596
J	Energy Control Co., Inc	5 Beekman St, New York 38, NY	BA7-0457
M	Whitson Engineering Co	P.O. Box 13431, Dallas 20, Tex	FL1-4654
Y	Energy Control Co, Inc	5 Beekman St. New York 38	BA7-0457
C	Industrial & Textile Supply Co	1300 S. Mint St, Charlotte 1, NC	FR7-5431
D	A J Warner Co	5022 29th Ave, S., Minneapolis 17, Minn	PA9-7371
hio	Chapman Eng Sales	Blue Ash Center Bldg. Cincinnati 42	SY1-1104

TERR	NAME	ADDRESS	TEL. NO.
Ohio	Ilkes Power Control Co	22700 Shaker Center Dr, Cleveland 23	E[illegible]
Ohio	Jno D Hiles Co., Inc	Plaza Bldg, Pittsburgh 19, Pa	AT1-0145
Okla	Whitson Engineering Co	P.O. Box 13431, Dallas 20, Tex	FL1-4654
Ore	Sight & Sound	4325 S.W. 98th Ave, Beaverton, Ore	MI4-6416
Ore	John Williams Co	766 Dexter Horton Bldg, Seattle 4, Wash	MA2-4363
Pa	William Hagan & Co	P.O. Box 134, Penndel, Pa	WI5-7126
Pa	Jno D Hiles Co., Inc	Plaza Bldg, Pittsburgh 19, Pa	AT1-0145
RI	Power Equipment Sales Inc	77 Summer St, Boston, Mass	HA6-0596
SC	Industrial & Textile Supply Co	1300 S. Mint St, Charlotte, NC	FR7-5431
SD	A J Warner Co	5022 29th Ave, S., Minneapolis 17, Minn	PA9-7371
Tenn	Lennarts	412 E. 5th Ave, Knoxville, Tenn	2-0153
Tex	Whitson Engineering Co	P.O. Box 13431, Dallas 20, Tex	FL1-4654
Utah	Landes Zachary & Peterson Co	601 S. Jason St, Denver 23, Colo	
Vt	Power Equipment Co	77 Summer St, Boston, Mass	HA6-0596
Va	Power Equipment Co	1309 W. Main St, Richmond, Va	RI6-2746
Wash	John Williams Co	766 Dex Horton Bldg, Seattle 4, Wash	MA2-4363
W. Va	Henry J Morath Co	325 Bankers Trust Bldg, Indianapolis, Ind	ME5-4082
Wisc	Geo H Fredricks & Co., Inc	4305 N. Green Bay Ave, Milwaukee 9	BR1-1770
Wyo	Landes Zachary & Peterson	601 S. Jason St, Denver 23, Colo	
Can	Biotronics Labs	1549 Burnside St. Montreal 25, PQ	WE4-1625
Can	Polytronics Co., The	582 Bathurst St. Toronto, Ont	WA1-8767
Foreign	Pegula A B	Sjomansvagen 10, Sodertalje, Sweden	

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TERR	NAME	ADDRESS	TEL. NO.
NJ	George James	127 Lake Rd. Basking Ridge	
Pa	George James	127 Lake Rd. Basking Ridge, NJ	

PHOTOSTAT CORP — 1001 Jefferson, Rochester, NY — HI5-0100
G 200-1075

TERR	NAME	ADDRESS	TEL. NO.
Ala	Photostat Corp	PO Box 7351, Birmingham	TR9-0823
Ala	Photostat Corp	Mobile	HE3-7724
Ariz	Photostat Corp	1921 E McDowell Rd. Phoenix	AL3-7765
Ark	Photostat Corp	Little Rock	MO4-2170
Cal	Photostat Corp	2202 Beverly Blvd. LA	DU1-1391
Cal	Photostat Corp	337 Sacramento St. SF	GA1-6610
Colo	Photostat Corp	Denver	RA2-0105
Conn	Photostat Corp	185 Ann St. Hartford	JA5-2621
Conn	Photostat Corp	New Haven - Bridgeport	VI7-1236
DC	Photostat Corp	2139 Wisconsin Ave. NW, Wash	FE7-6300
Fla	Photostat Corp	1521 S Dale Mabry, Tampa	8-8850
Ga	Photostat Corp	170 14th St. NW, Atlanta	TR4-2796
Haw	Hawaii Blueprint & Supply, Ltd	1512 Kona St. Honolulu	9-2038
Ill	Photostat Corp	Rock Island	6-8539
Ill	Photostat Corp	216 S Wabash Ave. Chicago	HA7-6026
Ind	Photostat Corp	Indpls	ME2-1461
Iowa	Office Machine Center	906 Grand Ave. Des Moines	CH3-7504
Kan	Bewal, Inc	330 Pattie St. Wichita	HO4-1085
La	Photostat Corp	New Orleans	JA5-8378
La	Photostat Corp	Baton Rouge	DI8-1774
Me	R F Estabrook Co	22 Narragansett St. Gorham	VE4-4511
Md	Photostat Corp	12 W Read St. Baltimore	LE9-7571
Mass	Photostat Corp	Worcester	OL3-5739
Mass	Photostat Corp	195 Tremont St. Boston	HA5-6168
Mich	Photostat Corp	13025 Puritan Ave. Detroit	VE5-0285
Minn	Photostat Corp	1821 University Ave. St Paul	MI5-5169
Miss	Photostat Corp	514 S President St. Jackson	FL3-2763
Mo	Photostat Corp	4216 Main St. Kansas City	PL3-3826
Mo	Photostat Corp	8117 Clayton Rd. St Louis	PA1-6697
Neb	Photostat Corp	Omaha	KE9553
NJ	Photostat Corp	165 Allwood Rd. Clifton	PR3-2121
NY	Photostat Corp	Binghamton	RA2-4136
NY	Photostat Corp	Buffalo	MO8271
NY	Photostat Corp	Syracuse	HA2-0500
NY	Photostat Corp	8 Colvin Ave. Albany	IV2-6152
NY	Photostat Corp	401 Broadway, NYC	WO6-3333
NC	Photostat Corp	Greensboro	BR4-0229
Ohio	Photostat Corp	Columbus	AM8-7867
Ohio	Photostat Corp	7020 Plainfield Pike, Cinc	TW1-3400
Ohio	Photostat Corp	2600 Euclid Ave. Cleveland	MA1-7655
Okla	Photostat Corp	520 NW 5th St. Oklahoma City	CE2-8878
Ore	Northwest Duplicator & Supply Co	3715 NE Broadway, Portland	AT7-4184
Pa	Photostat Corp	1200 Walnut St. Phila	PE5-2672
Pa	Photostat Corp	216 Empire Bldg. Pittsburgh	CO1-1340
RI	Offset Eqpt & Supply	742 Broad St. Providence	ST1-0078
SC	Photostat Corp	Columbia	AL4-2566
Tenn	Photostat Corp	Nashville	CY1-4374
Tex	Photostat Corp	5519 Dyer St. Dallas	EM3-2593
Tex	Photostat Corp	1717 Clay St. Houston	FA3-2363
Utah	Photostat Corp	Salt Lake City	EL9-4643
Va	Photostat Corp	Richmond	MI4-1639
Wash	Photostat Corp	4000 Aurora Ave. Seattle	ME3-1282
Wis	Photostat Corp	Milwaukee	ME1822
For	Photostat Corp	1477 Ottawa St. Montreal, Que	WE7-8393

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N Feyerwerther #2 *25 B 338-895

TERR	NAME	ADDRESS	TEL. NO.
Ariz	Dyna Sales Co	1226 S Atlantic Blvd. LA 22, Cal	AN8-1175
Ark	Ecklund Electronic Sales	PO Box 12151, Ft Worth, Tex	PE8-9773
Cal	Cerruti & Assoc	PO Box 509, Redwood City	EM9-3354
Cal	Dyna Sales Co	1226 S Atlantic Blvd. LA 22	AN8-1175
Conn	L R Provencher & Associates	525 Pleasant St, Worcester 2, Mass	PL3-8187
Del	S & S Assoc, Inc	PO Box 6, King of Prussia, Pa	BR9-7192
DC	S & S Assoc, Inc	4509 Calvert Rd. College Park, Md	AP7-3777
Ill	Anderson Automation	16 E View St. Lombard	MA7-1094
Ind	Bernard L Michaelson	315 N. Monroe St, Xenia, Ohio	DR2-5496
Ky	Bernard L Michaelson	315 N. Monroe St, Xenia, Ohio	DR2-5496
La	Ecklund Electronic Sales	Box 12151, Ft. Worth, Tex	PE8-9773
Me	L R Provencher & Associates	525 Pleasant St, Worcester, Mass	PL3-8187
Md	S & S Assoc, Inc	4509 Calvert Rd. College Park	AP7-3777
Mass	L R Provencher & Associates	525 Pleasant St, Worcester, Mass	PL3-8187
Mich	S & S Assoc, Inc	4354 W 28th St. Cleveland 9, Ohio	ME1-7600
Nev	Cerruti & Assoc, Inc	PO Box 509, Redwood City, Cal	EM9-3354
NH	L R Provencher & Associates	525 Pleasant St, Worcester, Mass	PL3-8187
NJ	S & S Assoc, Inc	PO Box 6, King of Prussia, Pa	BR9-7192
NJ	Jud Williams Assoc	50 Main St. Orange	OR5-7199
NM	Dyna Sales Co	1226 S Atlantic Blvd. LA, Cal	AN8-1175
NY	Jud Williams Assoc	50 Main St. Orange, NJ	OR5-7199

TERR	NAME	ADDRESS	TEL. NO.
Ohio	S & S Assoc, Inc	4354 W 28th St. Cleveland 9	ME1-7600
Ohio	Bernard L Michaelson	315 N. Monroe St, Xenia, Ohio	DR2-5496
Okla	Ecklund Electronic Sales	Box 12151, Ft. Worth, Tex	PE8-9773
Pa	S & S Assoc, Inc	PO Box 6, King of Prussia	BR9-7192
RI	L R Provencher & Associates	525 Pleasant St, Worcester, Mass	PL3-8187
Tex	Ecklund Electronic Sales	Box 12151, Ft. Worth, Tex	PE8-9773
Vt	L R Provencher & Associates	525 Pleasant St, Worcester, Mass	PL3-8187
Va	S & S Assoc, Inc	4509 Calvert Rd. College Park, Md	AP7-3777
W Va	S & S Assoc, Inc	PO Box 6, King of Prussia, Pa	BR9-7192
Wis	Anderson Automation	16 E View St. Lombard, Ill	MA7-1094
Canada	Electromechanical Products	Markham Rd, Agincourt, Ontario, Canada	AX3-7011

PHYS-CHEMICAL RESEARCH CORP — 40 E 12th St. New York 3, NY — GR5-0355
R Hirsch #3 *10 D 360-895

TERR	NAME	ADDRESS	TEL. NO.
For	Telteca, A Rocke Intercontinental Corp	333 E 46th St. NYC	

● **PHYSICS RESEARCH LABS INC** — P. O. Box 555, Hempstead, NY — IV3-8299
J Kelley 195-220-235-895-1330-1855

TERR	NAME	ADDRESS	TEL. NO.
Alas	Instrumentation Eng	101, 1331 3rd Ave Bldg. Seattle, Wash	
Cal	W K Geist Co	3177 Glendale Blvd, Los Angeles 39, Cal	
Conn	Addelco Corp	1826 Centre St, W., Roxbury 32, Mass	
Kan	Zak-Cowen & Associates Inc	7730 Carondelet, St. Louis 5, Mo	
Me	Addelco Corp	1826 Centre St. W. Roxbury, Mass	
Mass	Addelco Corp	1826 Centre St, West Roxbury 32, Mass	FA3-7940
Minn	Pat Lind Electronics Co	9781 Western Ave, Circle Pines, Minn	
Mo	Zak Assoc	7730 Carondelet, St. Louis 5	
NM	W K Geist Co	3177 Glendale Blvd, Los Angeles 39, Cal	
ND	Pat Lind Electronics Co	9781 Western Ave, Circle Pines, Minn	
NH	Addelco Corp	1826 Centre St. W. Roxbury, Mass	
NJ	R E Weber Co	10 Moline Rd. E. Brunswick	
NY	R E Weber Co	10 Moline Rd. E. Brunswick, NJ	
NY	Cotello Eng	30 Wilkins Ave, Albany	
Pa	R E Weber Co	10 Moline Rd. E. Brunswick, NJ	
SD	Pat Lind Electronics Co	9781 Western Ave, Circle Pines, Minn	
Wash	Instrumentation Eng	101, 1331 3rd Ave. Bldg. Seattle	
Wisc	Pat Lind Electronics Co	9781 Western Ave, Circle Pines, Minn	

PICKER X-RAY CORP — White Plains, NY — WH8-0080
W Browning 200-895-955-1125-1400-1645-1670-1855-1880-1990

TERR	NAME	ADDRESS	TEL. NO.
Conn	Picker X-Ray Corp	965 Dixwell Ave, Hamden, Conn	UN5-0179
DC	Picker X-Ray Corp	2025 Eye St, N.W., Washington, DC	DI7-3037
Fla	Picker X-Ray Corp	1612 Ponce de Leon Blvd, Coral Gables	HI5-2526
Ga	Picker X-Ray Corp	1477 Spring St, N.W., Atlanta, Ga	TR6-6355
Ill	Picker X-Ray Corp	1010 W. Jackson Blvd, Chicago, Ill	HA1-5161
Md	Picker X-Ray Corp	2721 Greenmount Ave, Baltimore, Md	HO7-5308
Mass	Picker X-Ray Corp	12 Wirt St, Boston, Mass	ST2-9803
Mich	Picker X-Ray Corp	8514 W. McNichols Rd, Detroit, Mich	DI1-1372
NJ	Picker X-Ray Corp	314 W. First Ave, Roselle, NJ	CH1-0100
NY	Picker X-Ray Corp	75 Varick St, New York, NY	WO6-5800
Ohio	Picker X-Ray Corp	1503 Warrensville Center Rd, Cleveland	EV2-4880
Pa	Picker X-Ray Corp	3333 W. Hunting Park Ave, Philadelphia	BA8-3406
Pa	Picker X-Ray Corp	3400 Forbes St. Pittsburgh, Pa	MU2-7240
RI	Picker X-Ray Corp	55 Waterman St, Providence, RI	GE8-5755

PICKERING & CO., INC — Sunnyside Blvd, Plainview, NY — OV1-0200
G Petetin #6 *150 E 320-1265-1270-1645-1675-1850-1905

TERR	NAME	ADDRESS	TEL. NO.
Alaska	C B Parsons	3028 First Ave, Seattle, Wash	MU6780
Ariz	Hyde Electronics Co	2902 N. Villa St, Phoenix, Ariz	
Ark	Jack McKinney Sales Co	1303 Chemical St, Dallas, Tex	RI1-1368
Cal	Nickerson-Gray & Associates	2434 Park Blvd, Palo Alto, Cal	DA6-0152
Cal	Roland Olander Co	6313 Santa Monica Blvd, Los Angeles	HO9-6313
Colo	Hyde Electronics Co	888 S. Lipan, Denver, Colo	WE6-3456
Conn	Michael Scott Co	336 Washington St, Wellesley Hills, Mass	CE5-0102
Del	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
DC	Morris F Taylor Co	3601 Adams Dr, Silver Spring, Md	WH6-3569
Fla	Morris F Taylor	940 Lake Elbert Dr. Winter Haven	CY4-2941
Fla	Morris F Taylor Co	4304 Corona St, Tampa, Fla	62-4071
Hawaii	Nickerson-Gray & Associates	2434 Park Blvd, Palo Alto, Cal	DA6-0152
Idaho	Hyde Electronics	888 S. Lipan, Denver, Colo	WE6-3456
Idaho	C B Parsons	3028 First Ave, Seattle, Wash	MU6780
Ill	Leroy W Beier Co	6518 W. North Ave, Chicago, Ill	BE7-2420
Ind	Leroy W Beier Co	6518 W. North Ave, Chicago, Ill	BE7-2420
Iowa	Kelly-Schmitz-Winkeler Assoc	407 W 74th Terr. Kansas City, Mo	EM1-5651
Kan	Kelly-Schmitz-Winkeler Assoc	407 W 74th Terr. Kansas City, Mo	EM1-5651
La	Jack McKinney Sales Co	1102 Fairway, Kenner, La	
Me	Michael Scott Co	336 Washington St, Wellesley Hills, Mass	CE5-0102
Md	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Mass	Michael Scott Co	336 Washington St, Wellesley Hills, Mass	CE5-0102
Mich	Lawrence A Zaffina	7351 Gratiot Ave, Detroit, Mich	WA1-2805
Minn	Stan Clothier	12 W. 58th St, Minneapolis, Minn	TA5-1234
Miss	Jack McKinney Sales Co	1303 Chemical St, Dallas, Tex	RI1-1368
Mo	Kelly-Schmitz-Winkeler Assoc	407 W 74th Terr. Kansas City	EM1-5651
Mont	Hyde Electronics	888 S. Lipan, Denver, Colo	WE6-3456
Mont	C B Parsons	3028 First Ave, Seattle, Wash	MU6780
Neb	Kelly-Schmitz-Winkeler Assoc	407 W 74th Terr. Kansas City, Mo	EM1-5651
Nev	Nickerson-Gray & Associates	2434 Park Blvd, Palo Alto, Cal	DA6-0152
NH	Michael Scott Co	336 Washington St, Wellesley Hills, Mass	CE5-0102
NJ	Leon Adelman Co	25 Chittenden Ave, New York, NY	WO2-5308
NM	Hyde Electronics	5206 Constitution Ave, Albuquerque, NM	
NY	Leon Adelman Co	25 Chittenden Ave, New York, NY	WO2-5308
NY	LeRoy & Mc Guire	R.D. 1, Phelps, NY	KI8-4891
NC	Morris F Taylor Co	1224 Dresden Dr, Charlotte, NC	KE7-4878
ND	Stan Clothier	12 W. 58th St, Minneapolis, Minn	TA5-1234
Ohio	Les Morrow	3123 W. 117th St, Cleveland, Ohio	CL1-5700
Okla	Jack McKinney Sales Co	6512 E. 32nd St, Tulsa, Okla	
Ore	C B Parsons	3028 First Ave, Seattle, Wash	MU6780
Pa	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Pa	Morris F Taylor Co	275 Bryn Mawr Ave. Lansdowne, Pa	MA2-1343
Pa	Morris F Taylor Co	362 Princeton Dr. Pittsburgh 35	EL1-0185
RI	Michael Scott Co	336 Washington St, Wellesley Hills, Mass	CE5-0102
SC	Morris F Taylor Co	1224 Dresden Dr, Charlotte, NC	KE7-4878
SD	Stan Clothier	12 W. 58th St, Minneapolis, Minn	TA5-1234
Tex	Jack McKinney Sales Co	1303 Chemical St, Dallas, Tex	RI1-1368
Utah	Hyde Electronics Co	2803 Connor St, Salt Lake City, Utah	
Vt	Michael Scott Co	336 Washington St, Wellesley Hills, Mass	CE5-0102
Va	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Wash	C B Parsons	3028 First Ave, Seattle, Wash	MU6780
W.Va	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Wisc	Leroy W Seler	5018 W. North Ave, Chicago, Ill	BE7-2420
Wyo	Hyde Electronics	909 E. Lipan, Denver, Colo	WE6-3456
Canada	Charles W Pointon Limited	66 Racine Rd, Rexdale, Ontario, Canada	CH7-8777
Export	Ad Auriema Inc	85 Broad St, New York 4, NY	BO9-7750
	PIERCE & STEVENS CHEM CORP	**710 Ohio St, Buffalo 3, NY**	
	30-265-315-1240-1710		
	PIEZO CRYSTAL CO	**265 E. Pomfret St, Carlisle, Pa**	**CH9-2151**
	V Wilson #4 *145 E 410-415-670-845-895-1385-1915		
	PIEZO PRODUCTS CO	**Whitney St, Sherborn, Mass**	**TR9-9497**
	D Mac Dougall #2 A 300-895-1915		
	PILGRIM SCREW CORP	**259 Dexter St, Providence, RI**	
	1535		
	PILOT CHEMICALS INC	**36 Pleasant St, Watertown 72, Mass**	**WA4-7775**
	M Sigel 265-1520		
	PILOT RADIO CORP	**37-06 36th St, Long Island City, NY**	**ST4-5454**
	L Sandwick 895-1255-1425-1675-1895		
	PINTSCH BAMAG AG	**Postfach II, Butzbach, Germany**	**4101 242**
	255-310-360-895-915-1135-1215-1340-1420-1455		
	PIONEER CENTRAL DIV. BENDIX CORP	**Davenport, Iowa**	**324-9101**
	R Ledene #100 *1400 G 35-290-895-1215-1305-1655-1850-1855-1915		
Ala	D B Gooch Assoc. Inc	5018 1st Ave. N, Birmingham 12	LY2-8191
Ariz	Bendix West Coast Div	117 E Providencia Ave, Burbank, Cal	VI9-3961
Cal	Bendix West Coast Div	117 E Providencia Ave, Burbank	VI9-3961
Colo	Bendix West Coast Div	117 E Providencia Ave, Burbank, Cal	VI9-3961
Conn	Carl F Schultz	75 Edgewood Ave, Walpole, Mass	MO8-2764
Del	T B Baldridge	946 Mayberry Ln, Conshohocken, Pa	TA8-9647
DC	T B Baldridge	946 Mayberry Ln, Conshohocken, Pa	TA8-9647
Ill	J A Feeney	Chicago	LA5-5561
Iowa	Engineering Services Co	1105 Oakland Gardens, Cedar Rapids	EM5-6181
Kan	Engineering Services Co	217 S Pinecrest, Wichita 18	
Ky	CKM Industrial Sales	4401 Brazee, Cincinnati 9, Ohio	EA1-2880
Mass	C F Schultz	75 Edgewood Ave, Walpole	MO8-2764
Mich	Robert L Reynolds	1814 Banbury, Birmingham	VE7-6832
Mo	Engineering Services Co	4550 Main St, Kansas City	JE1-7765
Mo	Engineering Services Co	6717 Vernon Ave, St Louis 30	PA6-2233
NJ	M L Mosley	704 Ackerman Ave, Glen Rock	GI4-1716
NY	M L Mosley	704 Ackerman Ave, Glen Rock, NJ	GI4-1716
NY	R W Murray	64 Colvin, Hamburg	EM1582
Pa	T B Baldridge	946 Mayberry Ln, Conshohocken	TA8-9647
Wash	Bendix West Coast Div	117 E Providencia Ave, Burbank, Cal	
Can	Aviation Electric, Ltd	Box 6102, Montreal, PQ	
For	Bendix International Div	205 E 42nd St, New York 17, NY	
	PIONEER ELECTRONICS CORP	**2235 S. Carmelina, W. L A 65, Cal**	**BR2-0053**
	1460-1735-1800		
	PIONEER GEN-E-MOTOR CORP	**5841 W Dickens Ave, Chicago 39, Ill**	**BE7-4100**
	W Richer Jr #8 *200-500 G 255-895		
Ala	Guy T Gunter & Associates	174-14th St, NW Atlanta, Ga	TR4-7529
Ark	Guy T Gunter & Associates	174-14th St, NW Atlanta, Ga	TR4-7529
Del	Stanley Green	25 Mill Rd, Nixon, NJ	B12-2460
DC	Stanley Green	25 Mill Rd, Nixon, NJ	B12-2460
Fla	Dave Gratton Co	1302 NW 36th St, Miami 37	NE5-0841
Ga	Guy T Gunter & Associates	174-14th St NW, Atlanta	TR4-7529
Idaho	W W Grigg	1007 Lake Front Rd, Oswego, Oreg	NE6-4901
Ill	Robert Johnson Co	219 N LaSalle St, Chicago	FR2-9854
Ind	Robert Johnson Co	219 N LaSalle St, Chicago	FR2-9854
Ky	Al Bremer & Associates	3740 E 5th Ave, Columbus, Ohio	BE1-3611
Md	Stanley Green	25 Mill Rd, Nixon, NJ	B12-2460
Mich	Rosen-Willis Associates	13914 Burgess Ave, Detroit 19, Mich	KE8-0314
Miss	Guy T Gunter & Associates	174-14th, NW Atlanta, Ga	TR4-7529
Mont	W W Grigg	1007 Lake Front Rd, Oswego, Ore	NE6-4901
NJ	Stanley Green	25 Mill Rd, Nixon, NJ	B12-2460
NM	Jack Stanley	4419-34th St, Lubbock, Tex	SW9-6441
NY	John Street	95 Goldside Pkwy, Rochester, NY	
NC	Guy T Gunter & Associates	174-14th St, NW Atlanta, Ga	TR4-7529
Ohio	Curtis Sales Corp	3221 Warrensville Ctr Rd, Cleveland	SK2-0225
Okla	E C Lindeman	3110 N Fitzhugh Ave, Dallas, Tex	LA6-5801
Ore	W W Grigg	1007 Lake Front Rd, Oswego, Ore	NE6-4901
Pa	Stanley Green	25 Mill Rd, Nixon, NJ	B12-2460
SC	Guy T Gunter & Associates	174-14th St, NW Atlanta, Ga	TR4-7529
Tenn	Guy T Gunter & Associates	174-14th St, NW Atlanta, Ga	TR4-7529
Tex	E C Lindeman	3110 N Fitzhugh Ave, Dallas, Tex	LA6-5801
Utah	W W Grigg	1007 Lake Front Rd, Oswego, Ore	NE6-4901
Va	Guy T Gunter & Associates	174-14th St, NW Atlanta, Ga	TR4-7529
Wash	W W Grigg	1007 Lake Front Rd, Oswego, Ore	NE6-4901
W Va	Al Bremer & Associates	3740 E 5th Ave, Columbus, Ohio	BE1-3611
Wis	Robert Johnson Co	219 N LaSalle St, Chicago, Ill	FR2-9854
For	M Simons & Son Co, Inc	25 Warren St, New York 7, NY	BA7-5513
	PIONEER INDUSTRIES DIV ALMAR-YORK CO., INC.	**3455 W.Vickery, Ft. Worth 7, Tex**	**ED2-7387**
	F Self #7 *43 D 370-825-895-1915-1945		
Ala	Charles Hulon Assoc	190 14th St. NW, Atlanta 13, Ga	
Cal	George Ajam	7705 Fay Ave, La Jolla, Cal	GL4-1120
Cal	Robert Headley	1745 North Orange Dr, Hollywood, Cal	HO7-0083
Cal	Robert Gambrell	768 S. Genevieve Ln, San Jose 28, Cal	CH8-0502
Colo	Robert Headley	1745 North Orange Dr, Hollywood, Cal	HO7-0083
Okla	John Zink Co	4401 S Peoria St, Tulsa 5	
Ore	Robert Gambrell	768 S. Genevieve Ln, San Jose 28, Cal	CH8-0502
Wash	Robert Headley	1745 N. Orange Dr, Hollywood, Cal	HO7-0083
Foreign	Lars Skau	Oslo, Norway	
•	**PIONEER MACHINE WORKS INC**	**6136 Adam St, West New York, NJ**	**UN3-3838**
	J Roach Jr #1 *5 A 1075		
	PITOMETER LOG CORP	**237 Lafayette St, New York 12, NY**	**CA6-7250**
	B Kohn #10 *75 E 400-1135-1455-1610		
Ala	Chad Knowlton Assoc	3562 NE 7th St, Pompano Beach, Fla	WH1-3142
Alaska	Rush S Drake Associates Inc	1817 Norman St, Seattle 44, Wash	CA8545
Cal	Smith-Dietrich Sales Co	415 W Manchester Blvd, Inglewood	OR8-7512
Del	Brimberg Assoc Inc	1343 H St NW, Washington 5, DC	DI7-0890
DC	Brimberg Assoc Inc	1343 H St. NW, Washington 5	DI7-0890
Fla	Chad Knowlton Assoc	3562 NE 7th St, Pompano Beach	WH1-3142
Ga	Chad Knowlton Assoc	3562 NE 7th St, Pompano Beach, Fla	WH1-3142
Idaho	Rush S Drake Associates Inc	Box 2125, Idaho Falls, Idaho	
Ill	Aertronic Assoc. Inc	134 N St Clair St, Dayton 2, Ohio	BA3-3242
Ind	Aertronic Assoc. Inc	134 N St Clair St, Dayton 2, Ohio	BA3-3242
Ky	Aertronic Assoc. Inc	134 N St Clair St, Dayton 2, Ohio	BA3-3242
Md	Brimberg Assoc Inc	1343 H St. NW, Washington 5, DC	DI7-0890
Mont	Rush S Drake Associates Inc	1817 Norman St, Seattle 44, Wash	CA8545
NJ	OEM Sales Corp	80 Shore Rd, Port Washington, NY	PO7-7700
NY	J B Lightstone Eng	510 Comstock Ave, Syracuse 10	GR5-6794
Ohio	Aertronic Assoc. Inc	134 N St Clair St, Dayton 2	BA3-3242
Ore	Rush S Drake Associates Inc	1817 Norman St, Seattle 44, Wash	CA8545
Pa	OEM Sales Corp	80 Shore Rd, Port Washington, NY	PO7-7700
Wash	Rush S Drake Associates Inc	1817 Norman St, Seattle 44, Wash	CA8545
Can	Electrodesign Ltd, Can	1024 St Lawrence Blvd, Montreal 11, PQ	DU9-5914
Foreign	Omni Ray AG	Dufourstrasse 56, Zurich 8, Switzerland	
Foreign	Austronik GmbH	Franz-Josef-Strasse 3, Salzburg, Austria	
Foreign	Omni Ray GmbH	Nymphenburger Strasse 164, Munich 19, West Germany	
	PITT PRECISION PRODS INC	**261 Madison Ave, New York 16, NY**	**YU6-1228**
	R Kennard #5 *20 C 735		
	PIX MFG CO., INC	**75 Hudson St, Newark, NJ**	**HU4-5400**
	800-1120-1875-1960-1970		
Ariz	R S Nelson Mfgrs Rep	1828 E. Cambridge, Phoenix, Ariz	AM5-2514
Cal	E V Roberts & Associates	5068 Washington Blvd, Los Angeles, Cal	WE8-2541
Conn	Glen M Hathaway Inc	238 Main St, Cambridge, Mass	EL4-1751
Del	J E McLean Sales Co	Box 152, Waynesboro, Va	WH2-8678
Ill	Jerry Gulton Co	2750 W. North Ave, Chicago 47, Ill	EV4-5959
Ind	Jerry Gulton Co	2750 W. North Ave, Chicago 47, Ill	EV4-5959
Me	Glen M Hathaway Electronics Inc	238 Main St, Cambridge, Mass	EL4-1751
Md	J E McLean Sales Co	Box 152, Waynesboro, Va	WH2-8678
Mass	Glen M Hathaway Electronics Inc	238 Main St, Cambridge, Mass	EL4-1751
Mich	The Arnold Johnson Co	7257 Thomas Dr, Valleria, Ohio	LO1-4436
NH	Glen M Hathaway Electronics Inc	238 Main St, Cambridge, Mass	EL4-1751
NM	R S Nelson Mfgrs Rep	1828 E. Cambridge, Phoenix, Ariz	AM5-2514
NC	J E McLean Sales Co	Box 152, Waynesboro, Va	WH2-8678
	PLANET INSTRUMENT INC.	**616 S.Lafayette St, Ft. Wayne, Ind**	**EA1495**
	E Cornelius #2 *33 B 755		
Ariz	E & E Enterprises	10248 Culver Blvd, Culver City, Cal	UP0-5143
Ark	Southern Ind. Electronics Inc	Box 35633, Dallas, Tex	FL2-3901
Cal	E & E Enterprises	10248 Culver Blvd, Culver City	UP0-5143
Colo	Spicer-Lindsay Associates	4960 E. Evans Ave, Denver, Colo	SK6-0627
Conn	Chapman Assoc	95 Elm St, W. Newton, Mass	LA7-8325
Ill	Magnuson Assoc	3347 W. Irving Park Rd, Chicago 18	KE9-7555
Ind	Magnuson Assoc	3347 W. Irving Park Rd, Chicago 18, Ill	KE9-7555
Iowa	Magnuson Assoc	3347 W. Irving Park Rd, Chicago 18, Ill	KE9-7555
Kan	Southern Ind. Electronics Inc	Box 35633, Dallas, Tex	FL2-3901
La	Southern Ind. Electronics Inc	Box 35633, Dallas, Tex	FL2-3901
Me	Chapman Assoc	95 Elm St, West Newton, Mass	LA7-8325
Mass	Chapman Assoc	95 Elm St, W. Newton	LA7-8325
Mich	Electro-Rep	19981 Clairview Ct, W. Grosse Pointe Woods 36	TU1-1622
Mich	Electro-Rep	19981 Clairview Ct, W. Grosse Pte Woods	TU1-1622
Minn	Magnuson Assoc	3347 W. Irving Park Rd, Chicago 18, Ill	KE9-7555
Mo	Southern Ind. Electronics Inc	Box 35633, Dallas, Tex	FL2-3901
NH	Chapman Assoc	95 Elm St, W. Newton, Mass	LA7-8325
NJ	Ellis-Haber Corp., The	11 Northern Blvd, Great Neck	HU7-5145
NM	Spicer-Lindsay Associates	4960 E. Evans Ave, Denver, Colo	SK6-0627
NY	Ellis-Haber Corp., The	11 Northern Blvd, Great Neck	HU7-5145
Ohio	Electro-Rep	22519 Telegraph Rd, Detroit, Mich	EL6-7211
Okla	Southern Ind. Electronics Inc	Box 35633, Dallas, Tex	FL2-3901
RI	Chapman Assoc	95 Elm St, W. Newton, Mass	LA7-8325
Tex	Southern Ind. Electronics Inc	Box 35633, Dallas	FL2-3901
Utah	Spicer-Lindsay Assoc	4960 E. Evans Ave, Denver 22, Colo	SK6-0627
Utah	Spicer-Lindsay Associates	4960 E. Evans Ave, Denver, Colo	SK6-0627
Vt	Chapman Assoc	95 Elm St, W. Newton, Mass	LA7-8325
Wis	Magnuson Assoc	3347 W. Irving Park Rd, Chicago 18, Ill	KE9-7555
Wyo	Spicer-Lindsay Associates	4960 E. Evans Ave, Denver, Colo	SK6-0627
	PLANET MFG CORP	**225 Belleville Ave, Bloomfield, NJ**	**PI3-2874**
	G Jephson #3 *125 B 220		
Cal	W S Harmon Co	121 N. Robertson Blvd, Beverly Hills	CL2-5616
Cal	Logan & Logan	254 Twelfth St, San Francisco, Cal	PL6-0992
Md	Wm Sheffer	4605 Old Frederick Rd, Baltimore, Md	
Mass	Albert N Reinhertz	45 Chestnut Hill Ave, Brighton, Mass	ST2-6422
Minn	Wm Engelbretson Co	506 Ottawa Ave, St. Paul, Minn	
Mo	F C Somers & Co	17th & Main Sts, Kansas City, Mo	GR1395
NJ	Henry G Richter Co	467 Hillside Ave, Westfield, NJ	AD3-4615
NY	E J Schomburg	630 Linden Ave, Rochester, NY	LU6-0728
NY	Henry G Richter Co	467 Hillside Ave, Westfield, NJ	WO1-5470
NC	Aitcheson & Adams	405 N. Elm St, Greensboro, NC	BR2-1638
Ohio	McFadden Sales Co	150 E. Broad St, Columbus, Ohio	CA1-3363
Pa	E L Park	651 Paddock Rd, Southampton, Pa	EL7-7006
Tex	John B Gunther	4531 N. Central Expwy, Dallas, Tex	LA8-6286
Va	J F Anderson	308 Belle View Blvd, Alexandria, Va	
Wash	Dave M Lee Co	2517 2nd Ave, Seattle, Wash	
Wash	Dave Miller Sales Co	2313 N 45th St, Seattle, Wash	ME2-7070
	PLANETRONICS INC	**Easton, Pa**	**BL8-0801**
	#15 *150 E 325-330-385-895-920-1135-1245-1425-1845-1870		
Ala	Condor Co	2080 Beach St, Winston Salem, NC	
DC	Planetronics Inc	15th & H St, NW, Wash	NA8-1194
Fla	Condor Co	2080 Beach St, Winston Salem, NC	
Ga	Condor Co	2080 Beach St, Winston Salem, NC	
NY	Milton Reiner	19 E. 88th St, New York 28, NY	
NC	Condor Co	2080 Beach St, Winston-Salem, NC	
SC	Condor Co	2080 Beach St, Winston-Salem, NC	
Tex	J Earl Smith	P.O. Box 35331, Airlawn Sta, Dallas, Tex	
	PLANORAMICS INC	**631 E 1st St, Boston 27, Mass**	**AN8-5002**
	N Keezer #1 *10 A 220-280-338-525-1190-1290-1755		
	PLASTIC CAPACITORS INC	**2620 N.Clybourn Ave, Chicago 14, Ill**	**DI8-3735**
	T Brown #6 *100 D 220-338-1340		
Ala	Fred Wamble Sales	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Ariz	Richard A Strassner Co	1557 N. Western Ave, Los Angeles, Cal	HO3-5694
Ark	Packard Associates	Love Fld Term Bldg, Dallas, Tex	FL7-5713
Cal	Richard A Strassner Co	1557 N. Western Ave, Los Angeles, Cal	HO3-5694
Cal	Richard A Strassner Co	1620 Laurel St, San Carlos, Cal	LY3-4891
Conn	Henry Lavin Associates Inc	P.O. Box 196, Meriden, Conn	BE7-5527
Del	M Leff Sales	11 Peppermint Ln, Levittown, NJ	TR7-4040
DC	M Leff Sales	11 Peppermint Ln, Levittown, NJ	TR7-4040
Fla	Mark Electronic Sales Co	410 N.E. 147th Ter, North Miami 61, Fla	WI7-5080
Ga	Fred Wamble Sales	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Ill	D Dolin Sales Co	3553 W. Peterson Ave, Chicago 45, Ill	JU8-3730
Ind	D Dolin Sales Co	3553 W. Peterson Ave, Chicago 45, Ill	JU8-3730
Iowa	Engineering Services Co	1105 Oakland Gardens, Cedar Rapids	EM6-6181
Kan	Engineering Services Co	8325 E. Indianapolis St, Wichita, Kan	MU3-3752
La	Packard Associates	Love Fld Term Bldg, Dallas, Tex	FL7-5713
Me	Henry Lavin Associates Inc	P. O. Box 196, Meriden, Conn	BE7-5527
Md	M Leff Sales	1844 Edgewood Rd, Baltimore, Md	
Md	M Leff Sales	11 Peppermint Ln, Levittown, NJ	TR7-4040
Mass	Henry Lavin Associates	92 Carve St, Needham, Mass	HI4-3446
Mass	Henry Lavin Associates Inc	P. O. Box 196, Meriden, Conn	BE7-5527
Mich	F A Villard	7008 Rosemary, Dearborn 6, Mich	LU3-1253
Minn	D Dolin Sales Co	3553 W. Peterson Ave, Chicago 45, Ill	JU8-3730
Miss	Fred Wamble Sales	3867 Sherwood Ave, Montgomery 9, Ala	AM2-1573
Mo	Engineering Services Co	6606 Delmar Blvd, St. Louis 30, Mo	VO3-3686
Mo	Engineering Services Co	4550 Main St, Kansas City, Mo	JE1-7765
Neb	Engineering Services Co	6606 Delmar Blvd, St. Louis 30, Mo	VO3-3686
Nev	Richard A Strassner Co	1557 N Western Ave, L A 27, Cal	HO3-5694
NH	Henry Lavin Associates Inc	P. O. Box 196, Meriden, Conn	BE7-5527
NJ	David Sonin Associates	10 Fiske Pl, Mt. Vernon, NY	MO8-9800
NJ	M Leff Sales	11 Peppermint Ln, Levittown, NJ	TR7-4040
NM	Richard A Strassner Co	1557 N Western Ave, L A 27, Cal	HO3-5694
NY	David Sonin Associates	10 Fiske Pl, Mt. Vernon, NY	MO8-9800
NY	Midstates Research Sales Inc	327 Wellesley Rd, Syracuse 7, NY	GR8-0711
NC	Fred Wamble Sales	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Ohio	Electro-Com	1231 Main Ave, Cleveland 13, Ohio	TO1-4757
Ohio	Electro-Com	221 Valley View Dr, Dayton, Ohio	
Okla	Packard Associates	Love Fld Term Bldg, Dallas, Tex	FL7-5713
Pa	Electro-Com	1231 Main Ave, Cleveland 13, Ohio	TO1-4757
Pa	M Leff Sales	11 Peppermint Ln, Levittown, NJ	TR7-4040
RI	Henry Lavin Associates Inc	P. O. Box 196, Meriden, Conn	BE7-5527
SC	Fred Wamble Sales	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Tenn	Fred Wamble Sales	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Tex	Packard Associates	Love Field Terminal Bldg, Dallas 35	FL7-5713
Vt	Henry Lavin Associates Inc	P. O. Box 196, Meriden, Conn	BE7-5527
Va	M Leff Sales	11 Peppermint Ln, Levittown, NJ	TR7-4040
W. Va	Electro-Com	1231 Main Ave, Cleveland 13, Ohio	TO1-4757
Wisc	Dolin Sales Co	6210 N Hopkins Ave, Milwaukee 9, Wisc	
Canada	Lake Engineering Co Ltd	123 Manville Rd, Scarborough, Ontario	PL7-3253
•	**PLASTIC MOLD & ENGINEERING CO**	**Wampanoag Trail, E.Providence 14, RI**	**GE8-2424**
	T Scanlon #4 *350 E 555-805-925-1630		
Cal	Richard L Mark	7017 W 83rd St, Los Angeles	SP6-0439
Ill	STA Co	3421 N Cicero Ave, Chicago	KI5-0255
Ind	William A Healy Co	4017 S Harrison Blvd, Ft. Wayne, Ind	KE3461
Mass	Alexander Hubert	Box 141, Brookline	CO2-0027
Minn	L H Josefson & Assoc	407 Sweet Briar Ln, Hopkins	WE8-6695
NJ	Machalec Sales Co	81 Union St, Medford, NJ	OL4-8200
NY	George J Gay	57 South Ave, Brockport	BR905
NY	Ellis Haber Corp	11 Northern Blvd, Great Neck, NY	HU7-5145
Can	A R von den Baumen	47 Putnam Ave, Beverly, Mass	
Foreign	C A Huempel	5 Merlewood, Seven Oaks, Kent, England	
	PLASTIC WIRE & CABLE CORP	**Jewett City, Conn**	**DR6-4411**
	J Daly #15 *600 190-375-1960		
Ala	Don C White	5401 Ninth Ave S, Birmingham	
Cal	Kenneth Anderson Co	801 N Bush St, Santa Ana, Cal	KI3-5995
Cal	F M Nicholas Co	72 Townsend St, San Francisco 7	YU2-1964
Colo	The Jack O'Donnell Co	1700 W Evans Ave, Denver 19, Colo	WE4-8832
Conn	Ray Paynter	7 Whitney Ave, New Haven, Conn	UN5-9444
Conn	Charles Morgan	173 Washington St, Norwich, Conn	TU9-1723
Ga	A D Hammond & Son, Inc	1061 Stovall Blvd, NE Atlanta 19	CE3-7242
Ga	Edgar E Dawes & Co	405 Rhodes Bldg, Atlanta 3, Ga	JA4-7571
Ill	R A Hunko	2880 N Clybourn Ave, Chicago 14	ES7-2294
La	Stephen L Redmann	843 N Scott, New Orleans	HU6-5421
Md	Douty & Bowne	2323 Maryland Ave, Baltimore 18	TU9-3471
Mass	Jerome B Gleason	420 Boylston St, Boston 16, Mass	KE6-2168
Mich	Benfield-Jewell Co	702 Architects Bldg, Detroit 1	TE3-7515
Mich	Murray S Hill	4171 Miramar NE, Grand Rapids	EM1-6775
Minn	R E Dyer Sales Co	5030 France Ave, Minneapolis, Minn	WA6-5221
Mo	Stover-Andrews & Co	3817 SW Blvd, Kansas City 8	WE1-6423
Mo	Relon Hirshman	304 Papin, St Louis 15, Mo	WO2-8347
NJ	D S MacCorkle, Inc	1 Newark St, Hoboken, NJ	OL6-3802
NY	F Walter Jones	1977 Genesee St, Utica 3, NY	RA4-2104
NY	William D Schofield	2037 Broadway, New York 34, NY	LO9-4200
NY	Larry M Loveless	544 Sibley Tower Bldg, Rochester, NY	BA5-7590
NC	Wilson P Byrd	Box 6101, Summit Sta, Greensboro	BR3-5932
Ohio	Goldschmidt Electrical Sales Co	4508 Greenlee Ave, Cincinnati 17	UN1-6708
Ohio	Plastic Wire & Cable Corp., The	252 Ottawa St, Toledo, Ohio	CH3-3785
Ohio	H J Van Velde	3540 Ridge Rd, Cleveland 2, Ohio	WO1-8446
Okla	Les Mayer	5401 NW 45th, Oklahoma City 12	WH7-9711
Ore	Bruce-Emmett Co	930 SE Alder St, Portland 14	BE2-8117
Pa	Harry L Evans	304 Suburban Sq Bldg, Ardmore, Pa	MI9-1994
Pa	R K Richards Co	P O Box 135, Waverly, Pa	DI2-6376
Pa	Ronald E Grinder	220 Highland Rd, Pittsburgh 35	OR1-1531
Tenn	S H Bussing In-Bldrs Exchange	642 S Cooper, Memphis 4, Tenn	JA5-1631
Tex	James W Tuite	9259 Vinewood Dr, Dallas 28, Tex	DA7-4765
Tex	Louis Barker	7611 Richmond Ave, Houston 6, Tex	SU2-5504
Utah	Max D White	373 W 3rd N, Salt Lake City 16, Utah	DA2-3838
Wash	W T R Saari	1116 1st Ave S, Seattle 4	MU2-6737
Wash	Sid Yentor	12103 E Boone, Spokane 6, Wash	
Wis	Fritz Mayer Co	515 Glenview Ave, Milwaukee 13, Wis	SP4-4311
Can	F G Lightfoot Co	1539 W 3rd Ave, Vancouver 9, B C	
	PLASTICS DIV ALLIED CHEM.CORP	**40 Rector St, NY 6, NY**	**HA2-7300**
	30-315-525-660-900-1290		
Cal	Allied Chemical Corp	2601 Lynwood Rd, Lynwood	NE6-2306
Ill	Allied Chemical Corp	Merchandise Mart, Chicago 54	MI2-8100
Mass	Allied Chemical Corp	370 Commercial St, Malden 48	DA2-7462
Mich	Allied Chemical Corp	1700 Zug Island Rd, Detroit	VI2-2500
NY	Allied Chemical Corp	River Rd, Tonawanda Township	TR3-8000
NC	Allied Chemical Corp	814 Tuckaseegee Rd, Charlotte	ED3-0178

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
io	Allied Chemical Corp	525 Walnut St. Cinc	DU1-4567
io	Allied Chemical Corp	3121 Euclid Ave. Cleve 15	HE2-2020
x	Allied Chemical Corp	323 S. 67th St. Houston 11	WA3-2871
	PLASTOID CORP	**42-61 24 St, Long Island City 1, NY**	**ST6-6200**
	W Grant #9 *306 F 190-1960		
iz	Frank A Emmet Co	315-325 N Hoover, LA 4, Cal	NO5-5952
k	Athans Sales Co	516 S Central Expwy, Dallas 26, Tex	RI2-4450
al	Frank A Emmet Co	315-325 N Hoover, LA 4	NO5-5952
nn	Cirolia, LeBlanc Sls Co, Inc	825 Main St. Waltham 54, Mass	TW3-2742
C	Blaine Short	PO Box 68, Silver Spring, Md	JU5-9744
	William F Hemminger Co	624 N.E. 79 St, Miami 38, Fla	PL9-0390
ah	Fred H Haight Co	3212 Eastlake Ave. Seattle 2, Wash	EA2-1818
	R C Whitmore & Associates	520 N. Michigan Ave, Chicago 11, Ill	MO4-1904
	R C Whitmore & Associates	520 N. Michigan Ave, Chicago 11, Ill	MO4-1904
	R C Whitmore & Associates	520 N. Michigan Ave, Chicago 11, Ill	MO4-1904
en	W N Wellman Co	Box 186, Fenton, Mo	DA6-0313
	Athans Sales Co	516 S Central Expwy, Dallas 26, Tex	RI2-4450
	Cirolia, LeBlanc Sales Co. Inc	885 Main St. Waltham 54, Mass	TW3-2742
	Blaine Short	PO Box 68, Silver Spring, Md	JU5-9744
ss	Cirolia, LeBlanc Sales Co	825 Main St. Waltham 54	TW3-2742
	W N Wellman Co	PO Box 186, Fenton	DA6-0313
nt	Fred H Haight Co	3212 E Lake Ave. Seattle 2, Wash	EA2-1818
v	Frank A Emmet Co	315-325 N Hoover, LA 4, Cal	NO5-5952
l	Cirolia, LeBlanc Sales Co, Inc	885 Main St. Waltham 54, Mass	TW3-2742
	Frank A Emmet Co	315-325 N Hoover, LA 4, Cal	NO5-5952
C	Blaine Short	PO Box 68, Silver Spring, Md	JU5-9744
a	Athans Sales Co	516 S Central Expwy, Dallas 26, Tex	RI2-4450
e	Fred H Haight Co	3212 Eastlake Ave. Seattle 3, Wash	EA2-1828
	Warren Moffatt	935 Pottstown Pike, West Chester, Pa	OW6-3325
	Cirolia, LeBlanc Sales Co, Inc	885 Main St. Waltham 54, Mass	TW3-2742
ex	Athans Sales Co	516 S Central Expwy, Dallas 26	RI2-4450
t	Cirolia LeBlanc Sales Co, Inc	885 Main St. Waltham 54, Mass	TW3-2742
a	Blaine Short	PO Box 68, Silver Springs, Md	JU5-9744
ash	Fred H Haight Co	3212 E Lake Ave. Seattle 2	EA2-1818
is	R C Whitmore & Assoc	520 N Michigan Ave. Chicago 11, Ill	MO4-1904
	PLASTRONIC ENGINEERING CO	**721 Boston Post Rd, Marlborough, Mass**	**HU5-6099**
	120-585-715-900-905-990-1290-1566-1780		
	PLUG-IN INSTRUMENTS INC	**1416 Lebanon Rd, Nashville 10, Tenn**	**AL 4-8829**
	J Marshall #6 *55 D 275-280-338-360-455-478-720-790-895-920-1150-1340-1390-1455-1810		
la	Ridge Instr Co	208 Lincoln, Huntsville	JE9-8831
al	J S Kampf Co	10304 Prairie Ave. Inglewood 2	OR4-2165
la	William M Jones Co	711 Magnolia Ave, Orlando, Fla	GA4-6298
a	William M Jones Co	1437 Kenilworth Dr, S.W., Atlanta, Ga	PL5-5318
	Berndt & Associates	5785 N.Lincoln Ave, Chicago 45, Ill	LO1-4625
ld	William M Jones Co	1107 Echo Ct, N., Towson, Md	VA3-5721
ich	The Satullo Co	4512 N Woodward Ave, Royal Oak, Mich	LI9-3910
o	N S Brown Assoc	St Louis	
hio	Satullo Co	785 W Ohio Pike, Cinc 37	PL2-6683
hio	The Satullo Co	16801 Euclid Ave, Cleveland 12, Ohio	IV6-2800
	The Satullo Co	992 Perry Hwy, Pittsburgh 37, Pa	WE1-5200
enn	Ridge Instr Co	140-20 E Division Rd, Oak Ridge	5-1311
ex	Robert R Clarke Co	2115 Buffalo Dr, Houston 19	JA6-4808
ex	N S Brown Assoc	5252 Boca Raton Dr. Dallas 30	EM3-3638
an	Measurement Eng. Ltd	Arnprior, Ont	AR400
	PODGER CO. INC. JOS. E	**16 S. Marshall St. Phila 6, Pa**	**WA5-7878**
	F Kline		
la	Jos E Podger Co. Inc	6930 NW. 37th Ave. Miami	
	POLAN INDUSTRIES INC	**P. O. Box 1720, Huntington 19, W. Va**	**HA9-1331**
	D Igoe #4 *80 E 885-1015		
●	**POLARAD ELECTRONICS CORP**	**43-20 34th St, Long Island City 1, NY**	**EX2-4500**
	A Goldberg #250 *1000 G 45-520-670-895-1060-1135-1145-1425-1435-1840-1895		
Ala	Murphy & Cota	250 Governors Dr. Huntsville	JE6-9121
Ariz	T Louis Snitzer Co	5354 W.Pico Blvd, Los Angeles, Cal	WE8-2074
Ark	Ind Assoc Electronics	2311 Farrington, Dallas, Tex	RI8-0777
Cal	T Louis Snitzer Co	5354 W.Pico Blvd, Los Angeles, Cal	WE8-2074
Cal	T Louis Snitzer Co	510 S. Mathilda Ave, Sunnyvale, Cal	RE6-6733
Cal	T Louis Snitzer Co	7814 Ivanhoe Ave, LaJolla, Cal	GL4-2191
Colo	McLoud & Raymond	5403 E.Evans Ave, Denver 22, Colo	SK6-1589
Conn	George Gregory Associates	P. O. Box 243, Cheshire, Conn	AT8-2900
Del	Eastern Assoc	6 Inglewood Ave. Baltimore, Md	RI4-3676
DC	Brimberg Assoc	1343 H St. Washington	DE2-8000
Fla	Murphy & Cota	2319 E South St. Orlando	GA4-2167
Ga	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta 5, Ga	TR6-3020
Hawaii	John J Harding Co Ltd	P. O. Box 4013, Honolulu, Hawaii	99-5375
Idaho	Hawthorne Electronics	700 S.E. Hawthorne Blvd, Portland, Ore	
Ill	Loren F Green H Associates	5218 W. Diversey Ave, Chicago, Ill	PA5-6824
Ind	Loren F Green & Associates	5218 W. Diversey Ave, Chicago, Ill	PA5-6824
Iowa	Engineering Services Co	1300 Oakland Gardens, Cedar Rapids	EM5-6185
Kan	Eng Services Co	247 S Pinecrest, Wichita	MU3-3751
La	Ind Assoc Elec	2311 Farrington, Dallas, Tex	RI8-0777
Me	George Gregory Assoc	7 Erie Dr. Natick, Mass	OL5-1330
Md	Eastern Assoc	808 Inglewood Ave, Baltimore	RI4-3676
Md	Eastern Associates	8616 Georgia Ave, Silver Spring, Md	
Mass	George Gregory Assoc	7 Erie Dr, Natick	OL5-1330
Mich	Harvey Teplitz & Co	19942 Webster Rd, Detroit 19, Mich	KE7-9058
Minn	Loren F Green & Associates	5218 W. Diversey Ave, Chicago, Ill	PA5-6824
Miss	Murphy & Cota	250 Governors Dr. Huntsville, Ala	JE6-9121
Mo	Eng Services	6717 Vernon Ave, St Louis	PA6-2233
Mo	Engineering Services Co	4550 Main St, Kansas City, Mo	JE1-7765
Mont	McLoud & Raymond	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
Neb	Engineering Services Co	4550 Main St, Kansas City, Mo	JE1-7765
Nev	T Louis Snitzer Co	5354 W. Pico Blvd, Los Angeles, Cal	WE8-2074
NH	George Gregory Assoc	7 Erie Dr. Natick, Mass	OL5-1330
NJ	Eastern Assoc	613 Cheltenham Ave, Phila, Pa	WA7-6261
NM	Ind Assoc Electronics	2311 Farrington, Dallas, Tex	RI8-0777
NY	Nico Electronics	119 Luther Ave, Liverpool	GR4-7481
NY	NACO Electronics Corp	74 Pine Ave, Rochester, NY	
NC	Murphy & Cota	1106 Burke St, Winston-Salem, NC	PA4-0750
Ohio	Harvey Teplitz & Co	671 Sycamore Dr, Cleveland, Ohio	RE1-5676
Ohio	Harvey Teplitz & Co	3543 Cornell Dr, Dayton, Ohio	CR7-9178
Okla	Ind Assoc Electronics	2311 Farrington, Dallas, Tex	RI8-0777
Ore	Hawthorne Electronics	700 S.E. Hawthorne Blvd, Portland, Ore	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Pa	Eastern Assoc	613 Cheltenham Ave. Phila	WA7-6261
RI	George Gregory Assoc	7 Erie Dr. Natick, Mass	OL5-1330
SC	Murphy & Cota	1106 Burke St, Winston-Salem, NC	PA4-0750
Tenn	Murphy & Cota	1106 Burke St, Winston-Salem, NC	PA4-0750
Tex	Ind Assoc Electronics	2311 Farrington, Dallas	RI8-0777
Tex	Industrial Associated Electronics	Rm 20113, Int'l Airport, El Paso, Tex	PR2-2441
Utah	McLoud & Raymond	PO FG-146, Salt Lake City	
Vt	George Gregory Assoc	7 Erie Dr. Natick, Mass	OL5-1330
Va	Brimberg Assoc	1343 H St. Washington, DC	DE2-8000
Wash	Hawthorne Electronics	Boeing Field, Seattle, Wash	PA5-1400
W Va	Brimberg Assoc	1343 H St. Washington, DC	DE2-8000
Wisc	Loren F Green & Associates	5218 W. Diversey Ave, Chicago, Ill	PA5-6824
Wyo	McLoud & Raymond	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
	POLARIS ENGINEERING CORP	**5317 Cottage Grove Ave, Chicago, Ill**	**DO3-5344**
	M Langhans #3 *35 1880		
Iowa	Collins Havercamp	6825 N Baltimore, K C, Mo	GE6-1680
Kan	Collins Havercamp	6825 N Baltimore, K C, Mo	GE6-1680
Minn	Merrill Franklin	338 E Franklin Ave, Mpls	FE6-2315
Mo	Collins Havercamp	6825 N Baltimore, Kansas City 16, Mo	GE6-1680
Neb	Collins Havercamp	6825 N Baltimore, Kansas City 16, Mo	GE6-1680
ND	Merril Franklin Co	338 E Frankil Ave, Mpls, Minn	FE6-2315
SD	Merril Franklin Co	338 E Franklin Ave, Mpls, Minn	FE6-2315
●	**POLLAK CORP., JOSEPH**	**85 Freeport St. Boston 22, Mass**	**AV2-9550**
	H MacDonald *300 E 1460-1645-1735		
Ala	Allen C Croft Jr	Box 11716, Northside Sta, Atlanta 5, Ga	CE3-9944
Ark	R E Dahlin	P O Box 2375, Dallas 21, Tex	LA1-2939
Cal	Vanderbilt Enterprises	111 N La Cienega Blvd. Beverly Hills	OL5-7652
Colo	Vanderbilt Industries	655 Broadway, Denver	TA5-1329
Conn	Ervin L Crandell	PO Box 72, Abington, Mass	TR8-3072
Fla	Allen C Croft Jr	Box 11716, Northside Sta, Atlanta 5, Ga	CE3-9944
Ga	Allen C Croft Jr	P.O Box 11716, Northside Sta, Atlanta 5,	CE3-9944
La	R E Dahlin	P O Box 2375, Dallas 21, Tex	LA1-2939
Me	Ervin L Crandell	PO Box 72, Abington, Mass	TR8-3072
Md	Harry J White Co, Inc	204 W Pennsylvania Ave. Towson 4	VA8-6373
Mass	Ervin L Crandell	PO Box 72, Abington	TR8-3072
NH	Ervin L Crandell	PO Box 72, Abington, Mass	TR8-3072
NJ	Harry J White Co	121 Covered Bridge Rd, Haddonfield, NJ	HA8-2304
NJ	Ellis-Huber Corp., The	11 Northern Blvd. Great Neck, NY	HU7-5145
NY	Ellis-Huber Corp., The	11 Northern Blvd. Great Neck	HU7-5145
Ohio	A D Dickson & Assoc	Dabel Sta, Box 22, Dayton 10	UN2-7051
Okla	R E Tim Dahlin	P.O Box 2375, Dallas 21, Tex	LA1-2939
Pa	Harry J White Co, Inc	121 Covered Bridge Rd. Haddonfield, NJ	HA8-2304
RI	Ervin L Crandell	PO Box 72, Abington, Mass	TR8-3072
SC	Allen C Croft Jr	Box 11716, Northside Sta, Atlanta 5, Ga	CE3-9944
Tex	R E Dahlin	P.O. Box 2375, Dallas 21, Tex	LA1-2939
Vt	Ervin L Crandell	PO Box 72, Abington, Mass	TR8-3072
Va	Harry J White Co, Inc	204 W Pennsylvania Ave. Towson 4, Md	VA8-6373
	POLY-KOTE INC	**82 Chestnut St, N. Attleboro, Mass**	**MY9-8332**
	J Kalmian #1 *5 A 240-280-315-885-900-1115-1305		
	POLY SCIENTIFIC CORP	**Rt 460 N., Blacksburg, Va**	**PR2-8212**
	A Hackley #25 *400 E 330-1625-1735		
Ariz	E J Foley	3840 N. Jokake Dr, Scottsdale, Ariz	WH5-4290
Cal	Fred W Falck	1465 Deer Hill Ct. La Jolla, Cal	BE3-3341
Cal	Pacific Electro-Sales Inc	6053 1/2 Whittier Blvd, Los Angeles 22,	RA3-3396
Conn	R H Whitehead Associates	57 Whitfield St, Guilford, Conn	GL3-3762
Ill	Carlson Electronic Sales	6677 N. Northwest Hwy, Chicago 31, Ill	SP4-0277
Mass	R H Whitehead Associates	2 Brimmer St, Boston, Mass	CA7-2590
Mich	C H Potter & Co	5249 Stage, N.E., Grand Rapids, Mich	EM1-3629
Minn	Fred Peterson & Co	2431 Hennepin Ave, Minneapolis, Minn	FR7-3025
NY	Ned Allen Inc	P O Box 575, Binghamton, NY	CH4251
NY	Robert P Kennedy	182 Mayflower Dr, Rochester 18, NY	
NY	Par Distributors	P.O. Box 357, Syosset, NY	WA1-5250
NY	Par Distributors	3220 Netherlands Ave. Bronx 63, NY	KI6-2965
NY	Par Distributors	P.O. Box 357, Syosset, NY	PY8-4200
NC	K O Brown & Co	P.O. Box 1791, Greensboro, NC	BR3-5973
Pa	Cashman & Norton	P.O. Box 124, Broomall, Pa	EL7-7703
Tex	K O Brown & Co	5400 Westchester, Dallas 25	EM1-2351
	POLYKEN SALES DIV KENDALL CO	**309 W.Jackson Blvd, Chicago 6, Ill**	**WE9-7100**
	W Hodges 1755		
	POLYMER CORP	**2120 Fairmont Ave, Reading, Pa**	**FR6-5791**
	C Burch #25 *300 F 315-380-750-1240-1290		
Cal	E J Brookes Co, Inc	6801 Telegraph Rd. LA 22	RA3-8431
Colo	Plasticrafts, Inc	2800 N Speer Blvd. Denver 11	GE3-5973
Conn	W H Nathams	967 Farmington Ave, W Hartford 7	AD2-1716
Conn	VanCleef & Co, Inc	PO Box 247, Branford	HU8-1656
Ill	Polymer Corp of Penna., The	1500 Hicks Rd, Rolling Meadows	SP5-2000
Mass	Black & Webster Sales, Inc	570 Pleasant St. Watertown 72	WA6-0100
Mich	W B Conrad Co	13438 Fenkell Ave. Detroit 27	BR3-4050
Minn	Eiler Eqpt Co	1107 S 3rd St. Mpls 15	FE9-0225
Mo	F H Ring Co	7400 Pershing Ave. St Louis 30	VO3-2511
NJ	H S Bancroft & Co	209 Cooper St. Westmont, Collingswood	UL4-8000
NJ	Polymer Corp of Penna., The	19 Franklin Pl. Rutherford	WE3-2333
NM	Plasticrafts, Inc	3710 Edith Blvd. Albuquerque	CH3-0718
NY	Beach Plastics, Inc	890 Winton Rd. S, Rochester 18	BR1-1550
NC	K O Brown & Co	PO Box 1791, Greensboro	BR3-5973
Ohio	T W Hinkley	329 N Chestnut St. Ravenna	PR1-3434
Ohio	S W Tarkington	214 Harvard Rd. Terrace Park	CH1-7010
Pa	John E Fortney	Box 248, RD 2, Mars	CO1-2117
Tex	C P Waggoner Sales Co	333 SE 14th St. Grand Prairie	AN4-1601
Wash	Allied Agencies	650 Adams St. Seattle 8	MA3-8216
For	Polypenco, Inc	2150 Fairmont Ave, Reading, Pa	FR6-5791
	POLYMER INDUSTRIES INC	**Springdale, Conn**	**FI8-4221**
	#13 *125 30-315		
	POLYMICA & INSULATION CO	**683 Main St, Willimantic, Conn**	**HA3-0584**
	#1 900-1890-1940		
	POLYPHASE INSTRUMENT CO	**E.Fourth St, Bridgeport, Pa**	**BR9-4660**
	R Simmons #25 *200 D 320-450-670-895-1850-1855		
Ala	Cartwright & Bean	3223 Cain's Hill Pl NW, Atlanta 5, Ga	
Alas	James J Backer Co	P O Box 9077, Seattle 99, Wash	AL6470
Ariz	Avtronics, Inc	603 W Manchester Blvd, Inglewood	OR8-9045

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Belchamber & French	1485 Bayshore Blvd. San Francisco 24	JU6-8896
Cal	Avtronics, Inc	603 W Manchester Blvd. Inglewood	OR8-9045
Conn	W B Pray Sales	44 Washington St, Wellesley Hills 81, Mass	CE5-3199
Del	L G Korman	P O Box 55, Kingsville, Md	LY2-7898
DC	Stemler Associates Co	25 W Penna Ave, Towson 4, Md	VA1139
Fla	Cartwright & Bean - Edwin Irby	P O Box 583, Orlando	
Ga	Cartwright & Bean	3223 Cain's Hill Pl NW, Atlanta 5	
Ill	Polyphase Instr Co. Ashby Stephens	3632 N Hawthorn, Franklin Park	GL5-1927
Ind	Polyphase Instr Co. Ashby Stephens	3632 N Hawthorn, Franklin Park, Ill	GL5-1927
Iowa	Polyphase Instr Co. Ashby Stephens	3632 N Hawthorn, Franklin Park, Ill	GL5-1927
La	Cartwright & Bean	3223 Cain's Hill Pl NW, Atlanta 5, Ga	
Me	W B Pray Sales	44 Washington St. Wellesley Hills 81, Mass	CE5-3199
Md	Stemler Associates Co	25 W Penna Ave. Towson 4	VA8-8853
Mass	W B Pray Sales	44 Washington St. Wellesley Hills 81	CE5-3199
Minn	Polyphase Instr Co. Ashby Stephens	3632 N Hawthorn, Franklin Park, Ill	GL5-1927
Miss	Cartwright & Bean	3223 Cain's Hill Pl NW, Atlanta 5, Ga	
Mont	James J Backer Co	P O Box 9077, Seattle 99, Wash	AL6470
Nev	Belchamber & French	1485 Bayshore Blvd, San Francisco 24, Cal	JU6-8896
NH	W B Pray Sales	44 Washington St. Wellesley Hills 81, Mass	CE5-3199
NJ	Samuel Glassman	28 Prestwick Terrace, Glen Cove, NY	OR6-1039
NJ	George H Weiland	76-49 168th St. Flushing 66, NY	OL8-4051
NJ	Roland R Hitchens	323 Homestead Ave, Haddonfield	HA9-2491
NJ	L G Korman	P O Box 55, Kingsville, Md	LY2-7898
NY	Samuel Glassman	28 Prestwick Terr. Glen Cove	OR6-1039
NY	George H Weiland	76-49 168th St. Flushing 66	OL8-4051
NY	Young Associates	907 Monroe Ave. Rochester	BR1-2156
NC	Cartwright & Bean	625 Harvey Dr. Charlotte 5	
Okla	Edward F Aymond Co	3915 Lemmon Ave. Dallas 19, Tex	LA6-5233
Ore	James J Backer Co	P O Box 9077, Seattle 99, Wash	AL6470
Pa	L G Korman	P O Box 55, Kingsville, Md	LY2-7898
Pa	Roland R Hitchens	323 Homestead Ave, Haddonfield, NJ	HA9-2491
RI	W B Pray Sales	44 Washington St. Wellesley Hills 81, Mass	CE5-3199
SC	Cartwright & Bean	3223 Cain's Hill Pl NW, Atlanta 5, Ga	
Tenn	Cartwright & Bean	P O Box 5410, Memphis	
Tex	Edward F Aymond Co	3915 Lemmon Ave. Dallas 19	LA6-5233
Vt	W B Pray Sales	44 Washington St. Wellesley Hills 81, Mass	CE5-3199
Va	Stemler Associates	25 W Pennsylvania Ave. Towson 4, Md	VA8-8853
Wash	James J Backer Co	P O Box 9077, Seattle 99	AL6470
Wis	Polyphase Instrument Co	3632 N Hawthorn, Franklin Park, Ill	GL5-1927
	POLYTRON ENGINEERING INC	**32 W. Biddle St, Baltimore 1, Md**	**SA7-6116**
	365		
	POLYTRONIC RESEARCH INC	**7326 Westmore Rd, Rockville, Md**	**HA7-7400**
	280-315-1750		
	POMONA ELECTRONICS CO INC	**1500 E 9 St, Pomona, Cal**	**NA9-9549**
	C Musarra #2 *22 25-150-300-1005		
Ala	V Avis McCorvey Co	2469 N Decatur Rd. Decatur, Ga	
Ariz	Harry A Moore Sales Co	P.O. Box 7245, Phoenix, Ariz	CR4-0060
Ark	MacRae-Smith Co	P.O. Box 35113, Dallas 35, Tex	BL3-2006
Cal	The Paul Nurches Co	3250 Rida St, Pasadena, Cal	SY6-5844
Cal	Al J Rissi Sales Co	8417 E. Las Tunas Dr, San Gabriel, Cal	AT6-1476
Cal	Belchamber & French Co	1485 Bayshore Blvd, San Francisco, Cal	JU6-1406
Colo	William B Golliher Co	P.O. Box 307, Aurora, Colo	EM6-0708
Conn	Robert S Reiss Associates	70 Jessie Dr, W. Haven, Conn	WE4-5261
Del	David S Linz	238 Dalmore St, Philadelphia 11, Pa	ES9-0734
DC	David S Linz	238 Dalmore St, Philadelphia 11, Pa	ES9-0734
Fla	V Avis McCorvey Co	2469 N Decatur Rd. Decatur, Ga	
Ga	V Avis McCorvey Co	2469 N Decatur Rd. Decatur	
Idaho	Fred H Haight Co	3212 Eastlake Ave, Seattle, Wash	EA2-1818
Ill	William M Linz Associates	6322 N. Cicero Ave, Chicago 46, Ill	MU5-2022
Iowa	Clemenson-Larrabee Co	436 E. 79th St, Kansas City 10, Mo	JA3-3005
Kan	Clemenson-Larrabee Co	436 E. 79th St, Kansas City 10, Mo	JA3-3005
La	MacRae-Smith Co	P.O. Box 35113, Dallas 35, Tex	BL3-2006
Me	Robert S Reiss Associates	70 Jessie Dr, W. Haven, Conn	WE4-5261
Md	David S Linz	238 Dalmore St, Philadelphia 11, Pa	ES9-0734
Mass	Robert S Reiss Associates	70 Jessie Dr, W. Haven, Conn	WE4-5261
Mich	Grant Shaffer Co	14241 Fenkell Ave, Detroit 27, Mich	BR3-5390
Minn	Northern States Sales Co	1400 Park Ave, Minneapolis, Minn	FE6-4908
Miss	V Avis McCorvey Co	2469 N Decatur Rd. Decatur, Ga	
Mo	Clemenson-Larrabee Co	436 E. 79th St, Kansas City, Mo	JA3-3005
Mont	Fred H Haight Co	3212 Eastlake Ave, Seattle, Wash	EA2-1818
Neb	Clemenson-Larrabee Co	436 E. 79th St, Kansas City, Mo	JA3-3005
Nev	Belchamber & French Co	1485 Bayshore Blvd, San Francisco, Cal	JU6-1406
NH	Robert S Reiss Associates	70 Jessie Dr, W. Haven, Conn	WE4-5261
NJ	David S Linz	238 Dalmore St, Philadelphia 11, Pa	ES9-0734
NM	Harry A Moore Sales Co	P.O. Box 7245, Phoenix, Ariz	CR4-0060
NY	Jack Weber Associates	63 E. 9th St, New York 3, NY	GR3-7813
NC	V Avis McCorvey Co	2469 N Decatur Rd. Decatur, Ga	
ND	Northern States Sales Co	1400 Park Ave, Minneapolis, Minn	FE6-4908
Ohio	Edwards-Luhta & Co	2123 E. 9th St, Cleveland 15, Ohio	TO1-5763
Okla	MacRae-Smith Co	P.O. Box 35113, Dallas 35, Tex	BL3-2006
Ore	Fred H Haight Co	3212 Eastlake Ave, Seattle, Wash	EA2-1818
Pa	David S Linz	238 Dalmore St, Philadelphia 11, Pa	ES9-0734
Pa	F P Yarussi Co	312 Spring Valley Rd, Pittsburg, Pa	CA1-4576
RI	Robert S Reiss Associates	70 Jessie Dr, W. Haven, Conn	WE4-5261
SC	V Avis McCorvey Co	2469 N Decatur Rd. Decatur, Ga	
SD	Northern States Sales Co	1400 Park Ave, Minneapolis, Minn	FE6-4908
Tenn	V Avis McCorvey Co	2469 N Decatur Rd. Decatur, Ga	
Tex	MacRae-Smith Co	P O Box 35113, Dallas 35, Tex	BL3-2006
Utah	William B Golliher Co	P.O. Box 307, Aurora, Colo	EM6-0708
Vt	Robert S Reiss Associates	70 Jessie Dr, W. Haven, Conn	WE4-5261
Wash	Fred H Haight Co	3212 Eastlake Ave, Seattle, Wash	EA2-1818
W. Va	F P Yarussi Co	312 Spring Valley Rd, Pittsburg, Pa	CA1-4576
Wisc	Northern States Sales Co	1400 Park Ave, Minneapolis, Minn	FE6-4908
Wyo	William B Golliher Co	P.O. Box 307, Aurora, Colo	EM6-0708
	POPPER & SONS INC	**300 Park Ave, S., New York 10, NY**	**OR4-5500**
	R Illner #3 *30 E 1075		
Ariz	J W Leser Co	4408 W. Jefferson Blvd, Los Angeles 5, Cal	
Cal	M D Drowe & Co	310 Sacramento St, San Francisco, Cal	
Cal	J W Leser Co	4408 W. Jefferson Blvd, Los Angeles, Cal	
Mass	Federal Stamp Co	19 High St, Boston 10, Mass	
NH	Federal Stamp Co	19 High St, Boston 10, Mass	
Ore	M D Drowe & Co	310 Sacramento St, San Francisco, Cal	
RI	Federal Stamp Co	19 High St, Boston 10, Mass	
Tex	R P Anderson & Co	2503 W. Mockingbird Ln, Dallas, Tex	
Canada	Barnard Stamp & Stencil Ltd	8 George St, Hamilton, Ontario, Canada	

● INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
•	PORTCHESTER INSTRUMENT CORP	114 Wilkens Ave, Port Chester, NY	VE9-4092
	I Gross #4 *30 C 25-45-500-1045-1075-1135		
Ala	E C Raymond & Associates	Box 225, Huntsville	JE6-5175
Cal	Shepherd-Winters Co	3193 Cahuenga Blvd, Hollywood 28	HO6-2171
Cal	L A Nott & Co	1961 Howard St, San Francisco 3, Cal	HE1-4778
Colo	Lindan, Zachary & Peterson Co	601 S. Jason, Denver 3, Colo	SH4-1311
Fla	E C Raymond & Associates Inc	Box 8215-Madeira Beach, St. Petersburg	WA1-9735
Fla	E C Raymond & Associates Inc	Box 636, Maitland	MI7-7830
Ga	E C Raymond & Assoc. Inc	P O Drawer 150, Decatur	378-7516
Ill	P G M Component Sales Inc	3947 N. Sheridan Rd, Chicago 14	BU1-2112
Kan	Thomas Perry	435 N. Fountain, Wichita	MU5-7441
Mass	Wayne B Palisca Inc	110 Great Rd, Bedford	CR4-9177
Mo	Maury E Bettis Co	3706 Broadway, Kansas City 11	LO1-0772
Mo	Harold Mizoski	8676 Kathlyn Dr, St Louis	HA9-2099
NJ	Jack Oman	555 Winchester Ave, Union, NJ	EL5-0474
NM	R E McClendon Co	925 Yale Blvd, S.E., Albuquerque, NM	CH3-4552
NY	Bowser & Sipowicz	2075 Sheridan Dr, Kenmore 23	TR3-0484
NY	H & F Associates	470 East 86th St, New York 21	RE7-5850
NC	Everett W Allen	5403 Hilltop Circle, Charlotte	596-1883
Ohio	R E K Associates	330 Salem Ave, Dayton 6, Ohio	CR8-1343
Pa	Earl H Moore	6200 Joshua Rd, Whitemarsh, Pa	CH7-7122
Tex	R E McClendon Co	137 Walnut Hill Village, Dallas 20, Tex	FL2-4054
Can	J J MacQuarrie Sales	367 College St, Toronto 2B, Ont	WA1-2493
For	Ad. Auriema Inc	85 Broad St, New York 4, NY	BO9-7750
	PORTLAND INDUSTRIES CORP	South Portland, Me	SP9-1581
	T Pokeeban #24 *252 E 45-100-250-1045-1135-1655-1735-1945		
	POSITIVE LOCKWASHER CO	181 Vanderpool St, Newark 4, NJ	BI3-8460
	F Gall *22 D 1940		
Conn	Thomas J Hatzis & Son	Statler Office Bldg, Boston, Mass	HA6-2332
Fla	South Eastern Sales & Marketing Co	8114 S Causeway Blvd, St Petersburg	[illegible]
Ill	Higgins & Linde	564 W. Randolph St, Chicago, Ill	FR2-2070
Kan	The Mitchel Co	1302 Wyoming St, Kansas City, Mo	VE1-2444
Me	Thomas J Hatzis & Son	Statler Office Bldg, Boston, Mass	HA6-2332
Mass	Thomas J Hatzis & Son	Statler Office Bldg, Boston, Mass	HA6-2332
Minn	A J Krezowski	3435 E. 25th St, Minneapolis, Minn	PA4-4800
Mo	The Mitchel Co	1302 Wyoming St, Kansas City, Mo	VE1-2444
NH	Thomas J Hatzis & Son	Statler Office Bldg, Boston, Mass	HA6-2332
NY	John J Sullivan	9 Main St, Holcomb, NY	HO-56
NC	Eric Greer	Box 247, Statesville, NC	TR2-5754
Ohio	Reece Geisinger Associates	1750 N. Highland, Pittsburgh, Pa	LO3-2200
Pa	Reece Geisinger Associates	1750 N. Highland Rd, Pittsburgh, Pa	LO3-2200
RI	Thomas J Hatzis & Son	Statler Office Bldg, Boston, Mass	HA6-2332
SC	Eric Greer	Box 247, Statesville, NC	TR2-5754
SD	A J Krezowski	3435 E. 25th St, Minneapolis, Minn	PA4-4800
Tenn	J R Richards & Co	Box 6234 Brainerd Sta, Chattanooga	MA4-2426
Tex	Ronald A Lasser Co	2414 W Holcombe Blvd, Houston	MO3-1914
Vt	T J Hatzis & Son	Statler Office Bldg, Boston, Mass	HA6-2332
Va	Eric Greer	Box 247, Statesville, NC	TR2-5754
W. Va	Eric Greer	Box 247, Statesville, NC	TR2-5754
Wis	Jovo-Lutz Inc	4828 N Port Washington Rd, Milwaukee	FL2-5550
	POST ELECTRONIC PRODS. DIV REID BROS. CO. INC	12 Lothrop St, Beverly, Mass	WA2-5886
	L Tibbetts 360-895-1735-1810		
Ala	Chas F Wheelock & Associates	305 S 32nd St, Birmingham 5, Ala	FA2-6283
Ariz	Roland Olander & Co	6313 Santa Monica Blvd, L A 38, Cal	HO5-6317
Ark	Bill Asker & Associates	3038 Rosen Ln, Dallas 29, Tex	FL1-0917
Cal	Control Engineers	2830 S. 7th St, Berkeley 10	TH1-7869
Cal	Roland Olander & Co	6313 Santa Monica Blvd, L A 38, Cal	HO5-6317
Colo	Hyde Electronics Co	995 S. Lipan St, Denver 23, Colo	WE6-3456
Conn	Richard F MacDowell Co	Box 102, Melrose 76, Mass	NO5-8893
Del	George Goodman Associates	103 E. 25th St, Baltimore 18, Md	BE5-5570
DC	George Goodman Associates	103 E. 25th St, Baltimore 18, Md	BE5-5570
Fla	Shepherd Equipment Co	87 Walton St, N.W., Atlanta 3, Ga	JA2-6471
Fla	Chas F Wheelock	305 S 32 St, Birmingham 5, Ala	FA2-6283
Ga	Shepherd Equipment Co	87 Walton St, N.W., Atlanta 3, Ga	JA2-6471
Idaho	James L Kearns Co, Inc, The	6055 NE. Glisan St, Portland 13, Ore	BE6-1165
Idaho	Hyde Electronics Co	995 S. Lipan St, Denver 23, Colo	WE6-3456
Ill	Mello-White Co	569 Melville Ave, St. Louis 30, Mo	PA6-2511
Ill	Centralcraft Co	1915 N. Harlem Ave, Chicago 35	ME7-1805
Ind	Lee-Instrument Co	Box 27062, Indpls 27	ST7-0009
Ind	Ken Dimond Co	3455 Edwards Rd, Cincinnati 8, Ohio	TR1-1305
Iowa	Centralcraft Co	1915 N. Harlem Ave, Chicago 35, Ill	ME7-1805
Kan	Mello-White Co	3937 Main St, KC	JE1-6400
Ky	Ken Dimond Co	3455 Edwards Rd, Cincinnati 8, Ohio	TR1-1305
La	Bill Asker & Associates	3038 Rosen Ln, Dallas 29, Tex	FL1-0917
Me	Richard F MacDowell Co	Box 102, Melrose 76, Mass	NO5-8893
Md	George Goodman Associates	103 E. 25th St, Baltimore 18, Md	BE5-5570
Mass	Richard F MacDowell Co	Box 102, Melrose 76, Mass	NO5-8893
Mich	Sales Service Corp, The	16546 Plymouth Rd, Detroit 27	VE7-0820
Mich	Electronic Supply Corp	95 Hamblin Ave, Battle Creek	WO5-1241
Minn	Centralcraft Co	1915 N. Harlem Ave, Chicago 35, Ill	ME7-1805
Miss	Chas. F. Wheelock & Associates	305 S. 32nd St, Birmingham 5, Ala	FA2-6283
Mo	Mello-White Co	3937 Main St, KC	JE1-6400
Mo	Mello-White Co	569 Melville Ave, St. Louis 30	PA6-2511
Mont	Hyde Electronics Co	995 S. Lipan St, Denver 23, Colo	WE6-3456
Neb	Hyde Electronics Co	995 S. Lipan St, Denver 23, Colo	WE6-3456
NH	Richard F MacDowell Co, Inc	Box 102, Melrose 76, Mass	NO5-8893
NJ	J H Baker & Son	1811 Callowhill St, Philadelphia 30, Pa	LO3-4621
NJ	E W Rowland Associates	30 West St, New York 6, NY	WO4-7188
NM	Hyde Electronics Co	995 S. Lipan St, Denver 23, Colo	WE6-3456
NY	Kelly & Swain Inc	2100 Bellevue Ave, Syracuse 4, NY	GR8-2141
NY	E W Rowland Associates	30 West St, New York 6, NY	WO4-7188
NC	J L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2946
Ohio	E E Whisler & Son	823 Wood St, Pittsburgh 21, Pa	FR1-6229
Ohio	Ken Dimond Co	3455 Edwards Rd, Cincinnati 8, Ohio	TR1-1305
Ohio	Edmund C Frost & Co	1545 Chelmsford Rd, Mayfield Hts 24	HI2-5040
Okla	Lee Instrument Co	Box 27062, Indpls 27, Ind	ST7-0009
Okla	Bill Asker & Associates	3038 Rosen Ln, Dallas 29, Tex	FL1-0917
Ore	James L Kearns Co, Inc., The	6055 NE. Glisan St, Portland 14	BE6-1165
Pa	E E Whisler & Son	823 Wood St, Pittsburgh 21, Pa	FR1-6229
Pa	J H Baker & Son	1811 Callowhill St, Philadelphia 30, Pa	LO3-4621
RI	Richard F MacDowell Co., Inc	Box 102, Melrose 76, Mass	NO5-8893
SC	J L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2946
Tenn	J L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2946
Tenn	Shepherd Equipment Co	87 Walton St, N.W., Atlanta 3, Ga	JA3-6471
Tex	Southwestern Controls	5630 Urbano St, Houston 27	MO4-2086
Tex	Hyde Electronics Co	995 S. Lipan St, Denver 23, Colo	WE6-3456
Utah	Hyde Electronics Co	995 S. Lipan St, Denver 23, Colo	WE6-3456
Vt	Richard F MacDowell Co, Inc	Box 102, Melrose 76, Mass	NO5-8893
Va	George Goodman Co	103 E. 25th St, Baltimore 18, Md	BE5-5570
Wash	James L Kearns Co, Inc., The	6055 NE. Glisan St, Portland 13, Ore	BE6-1165
W Va	George Goodman Co	103 E. 25th St, Baltimore 18, Md	BE5-5570
W. Va	Earl E Whisler & Son	823 Wood St, Pittsburgh 21, Pa	FR1-6229
Wis	Centralcraft Co	1915 N. Harlem Ave, Chicago 35, Ill	ME7-1805
Wyo	Hyde Electronics Co	995 S. Lipan St, Denver 23, Colo	WE6-3456
Can	Elder Electronics	930 Brant St, Burlington, Ont	NE4-0511
Canada	Reid Electronics	1462 Erin St, Winnipeg 3, Man, Canada	[illegible]
	POST CO. FREDERICK	3650 N. Avondale Ave, Chicago 18, Ill	KE9-7000
	C Snipp #5 *600 G 525-1075		
Cal	Frederick Post Co	2630 S. Tanager St, Los Angeles 22, Cal	RA3-9271
Cal	Frederick Post Co.	388 Mission St, San Francisco, Cal	GA1-3808
Ill	Frederick Post Co	3650 N. Avondale, Chicago, Ill	RA6-4404
Mich	Frederick Post Co	561 E. Jefferson, Detroit, Mich	WO2-8484
NJ	Frederick Post Co	41 Banker St, Englewood, NJ	LO9-1800
Pa	Frederick Post Co	61 Terrace Dr, Pittsburgh	TU4-3200
Tex	Frederick Post Co	5600 Harvey-Wilson Dr, Houston, Tex	WA8-2851
Wisc	Frederick Post Co	2905 N. Humboldt Ave, Milwaukee, Wisc	BR1-9000
	POTTER AERONAUTICAL CORP	Rt 22, Union, NJ	MU6-3010
	M November #30 *150 E 320-338-360-895-1850		
Cal	P A C	22527 Pacific Coast Hwy, Malibu, Cal	GL6-2036
Cal	Potter Pacific Corp	22540 Ventura Blvd, Woodland Hills	DI6-6866
Cal	Potter Aeronautical Corp	5738 Marconi Ave, Carmichael	IV7-6858
Conn	Joseph H Bertram & Co, Inc	998 Farmington Ave, W Hartford	AD3-9823
Mass	Joseph H Bertram & Co, Inc	575 Hillside Ave, Needham Hts	HI4-7304
Ohio	P A C	3898 Linden Ave, Dayton 10, Ohio	CL6-0171
Okla	Potter Aeronautical Corp	1341 S Boston, Tulsa	LU2-6395
Pa	Ambore & Co	33rd & Arch Sts, Phila 4	EV2-6320
Utah	Ultratec	130 S 13th St, Salt Lake City	EM3-5651
W Va	Process Instr & Eqpt Co	1604 E Washington St, Charleston 11	DI2-2161
Canada	P A C	485 Kenworth Ave, Ottawa, Ont, Can	PA2-9535
Foreign	DeHavilland Propellers Ltd	Hatfield, Hertfordshire, England	
	POTTER & BRUMFIELD DIV OF AMERICAN MACHINE & FOUNDRY CO	Princeton, Ind	FU5-5251
	N Nevill #38 1460		
Ariz	Howe & Howe	4328 N. 42nd, Pl, Phoenix	AM5-9105
Cal	Len-Bar Co, Electronics	5050 Faculty Ave, Lakewood	NE6-8321
Cal	E B Schwenn	4921 La Cumbre, Santa Barbara	WO7-6529
Cal	C E Ault Associates	127 Santa Margarita Ave, Menlo Park, Cal	DA6-1740
Colo	R G Bowen Co, Inc	721 S. Broadway, Denver 9	RA2-4641
Conn	Glenn M Hathaway Electronics Inc	P.O. Box 797, Canaan, Conn	TA4-7215
Fla	Cartwright & Bean	2505 Nancy St, Orlando	GA5-8284
Fla	Cartwright & Bean	20300 N.E. 20th Ct, N. Miami, Fla	WI5-2962
Fla	Cartwright & Bean	P.O. Box 583, Orlando, Fla	GA5-8284
Ga	Cartwright & Bean	3227 Cain's Hill Pl, N.W., Atlanta 5, Ga	CE7-2273
Haw	Dougherty Enterprises	394 Kinalau Loop, Kailua	253-666
Ind	R O Whitesell & Assoc	203 W. Wayne St, Ft. Wayne	EA3-0567
Ind	R G Whitesell & Assoc	6620 E. Washington St, Indpls 19	FL9-5374
Ill	Beckwith-Ballburn Sales Inc	7185 W. Armitage Ave, Chicago 35, Ill	TU9-5011
Ill	D L Sisson Sales Co	Box 226, Roselle, Ill	LA9-3131
Ky	R O Whitesell & Assoc	400 N. 36th St, Louisville 12	SPE-2224
La	Earl K Mason Co	5661 Louisville St, New Orleans 24	HU8-2407
Mass	Glenn M Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-3380
Mich	Hillfronics Inc	13726 Puritan Ave, Detroit 27	BR2-4320
Mich	Howard R Davidson Co	1208 Burton St, S.E., Grand Rapids 7	CH5-1116
Minn	A J Warner Co	5013 29th Ave. S, Minneapolis 17, Minn	PA9-7371
Mo	Joseph Giardano	817 Gerald Ave, St. Louis 35	JA1-8725
Mo	E B Schwenn Co	4219 Main St, Kansas City 11, Mo	WE1-7584
Mo	Joseph Giardano	817 Gerald Ave, St. Louis 35, Mo	JA1-8725
NJ	Jack W McCoy	300 Broadway, Camden 3, NJ	WO6-1805
NM	Bowen & Carlberg	2224 San Mateo Blvd, NE, Albuquerque	AM5-1579
NY	Carrel Electric Corp	Box 4131, Pittsfield Sta, Albany 4	HO2-5364
NY	Robert F Lamb Co, The	3427 Delaware Ave, Buffalo 17	TH6-3757
NY	C L Martin Sales Corp	103 Pickwick Rd, De Witt, NY	GI6-2561
NY	S Wright Associates Inc	500 E. Boston Post Rd, Mamaroneck, NY	OW8-7100
NC	Cartwright & Bean	625 Harvey Dr, Charlotte 5, NC	FR6-9848
Ohio	Scott & Stetler Inc	1935 Euclid Ave, Cleveland 15, Ohio	TO1-2600
Ohio	R O Whitesell & Associates	2209 Losantiville, (G.F.W), Cincinnati	ML1-9210
Ohio	R O Whitesell & Associates	3501 Far Hills Ave, Dayton, Ohio	AX8-4261
Okla	John W Elder Co	Box 3395, Tulsa 4	LU3-9147
Okla	John W Elder Co	P.O. Box 3395, Tulsa 6, Okla	DI3-9141
Pa	Bell & Whitaker Inc	1203 N. Trexell St, Allentown	HE4-5270
Pa	Bell & Whitaker Inc	3623 Jacksonwald Ave, Reading, Pa	FR5-8137
Pa	Bell & Whitaker Inc	504 Hickory St, Bethlehem, Pa	UN6-4474
Pa	Scott & Stetler Inc	507 Liberty St, Pittsburgh 22, Pa	SP1-5237
Tenn	Cartwright & Bean	560 S. Cooper St, Memphis	8P6-4442
Tex	John B Quentner	4500 N. Central Expwy, Dallas 25, Tex	LA8-3296
Utah	R G Bowen Co, Inc	463 E. 3rd S, Salt Lake City 11	EM3-4618
Va	D J Foggs	1125 N. Royal St, Alexandria	TE6-6986
Va	Potomac Electronics Inc	1925 N. Royal St, Alexandria, Va	TE6-0886
Wash	Fred H Haight Co	3112 Eastlake Ave, Seattle 2	EA2-1810
Wisc	E A Dickinson & Associates	4517 N. Green Bay Ave, Milwaukee 9	CO4-1060
Foreign	AMF-Intl Group	261 Madison Ave, New York 16, NY	MU7-3100
	POTTER CO., THE	1950 Sheridan Rd, North Chicago, Ill	DE6-4350
	J Romeo #6 *129 E 220-670-1135		
Ala	A C Simple	125 N Cleveland, Brookhaven, Miss	15429
Ariz	Howe & Howe	4328 N 42nd Pl, Phoenix	AM5-3105
Ark	Jacobson Co, The	Box 9752, Dallas, Tex	FL1-3367
Cal	George W Ledbetter	16618 Ventura Blvd, Encino	ST9-6115
Colo	Spicer-Lindsay Assoc	4960 E Evans, Denver	SK6-0627
Conn	Paul P Sturgeon Inc	180 Broad St, Milford, Conn	TR4-4080
Del	Arnold Assoc	501 Ayers Ave, Cheltenham, Pa	PI2-5600
DC	S W Goodman	32 W Biddle St, Baltimore, Md	SA7-6116
Fla	Emory Design & Equipments	Box 507, Bradenton	2-6757
Ga	A C Simple	125 N Cleveland, Brookhaven, Miss	1542-W
Ill	Robert Baier	5960 Sheridan Rd, N Chicago	DE6-4380
Ind	D H Ester Co	18430 Livernois Ave, Detroit, Mich	UN3-6980
La	A C Simple	125 N Cleveland Ave, Brookhaven, Miss	1542W
Me	Paul P Sturgeon	25 Huntington Ave, Boston, Mass	CO6-7776
Md	S W Goodman	32 W. Biddle St, Baltimore 1, Md	SA7-6116
Mass	Paul P Sturgeon Inc	25 Huntington Ave, Boston, Mass	CO6-7776
Mich	D H Ester Co	18430 Livernois, Detroit	UN3-6980
Minn	Mel Foster Co	2402 Hennepin Ave, Minneapolis 5, Minn	FR4-2850
Miss	A C Simple	125 N Cleveland, Brookhaven	1542-W
NH	Paul P Sturgeon	25 Huntington Ave, Boston, Mass	CO6-7776
NJ	Edwin F Alder	94 Union Ave, Irvington 11, NJ	ES3-7470
NM	Spicer-Lindsay Assoc	4960 E Evans, Denver, Colo	SK6-0627
NY	A W Schmitz	82 St. Paul St, Rochester, NY	HA6-3190
NY	W R Platt Co	160 Woodbine Ct, Floral Park, NY	FL2-1
ND	Mel Foster Co	2402 Hennepin Ave, Mpls, Minn	FR4-2850
Ohio	Wm A Roth	3815 Glenwood Rd, South Euclid	CH7-6
Okla	Jacobson Co., The	Box 9752, Dallas, Tex	FL1-3
Ore	George W Ledbetter	16618 Ventura Blvd, Encino, Cal	ST9-6
Pa	Arnold Assoc	501 Ayers Ave, Cheltenham	PI2-5600
RI	Paul P Sturgeon	25 Huntington Ave, Boston, Mass	CO6-7776
SD	Mel Foster Co	2402 Hennepin Ave, Mpls, Minn	FR4-2850
Tenn	A C Simple	125 N Cleveland, Brookhaven, Miss	1542-W
Tex	Jacobson Co., The	Box 9752, Dallas	FL1-3367
Utah	Spicer-Lindsay Assoc	4960 E Evans, Denver, Colo	SK6-0627
Vt	Paul P Sturgeon	25 Huntington Ave, Boston, Mass	CO6-7
Va	S W Goodman	32 W Biddle St, Baltimore, Md	SA7-61
Wash	George W Ledbetter	16618 Ventura Blvd, Encino, Cal	ST9-6
Wis	Robert Baier	5960 Sheridan Rd, N Chicago, Ill	DE6-4
Can	Paisley Pmts of Can Ltd	36 Upton Rd, Scarboro, Ont	PL5-2
For	Allied Intl Corp	230 Park Ave, New York, NY	
•	POTTER INSTRUMENT CO., INC	Sunnyside Blvd, Plainview, NY	OV1-32
	J Richardson #50 *300 F 338-810-1435-1750		
Ala	Roy Attaway Co	2315 Bob Wallace Ave, Huntsville	[illegible]
Ariz	H W Ruby & Associates	P.O. Box 63, LaCanada, Cal	SY9-31
Ark	D B Carey Co	P.O. Box 6072, Ft. Worth, Tex	PE8-17
Cal	H W Ruby & Associates	P.O. Box 63, LaCanada, Cal	SY0-31
Colo	Kelley Enterprises	336 E 4th St, Loveland	NO7-13
Conn	Wild & Associates, Inc	1519 Northern Blvd, Roslyn, NY	MA1-86
Del	Wild & Associates Inc	P.O. Box 95, Southampton, Pa	LO8-75
DC	Wild & Associates Inc	2523 Wilson Blvd, Arlington, Va	JA4-22
Fla	Roy Attaway Co	711 Magnolia Ave, Orlando	GA4-39
Ga	Roy Attaway Co	711 Magnolia Ave, Orlando, Fla	GA4-39
Idaho	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	MA4-98
Ill	Walter F Marsh & Associates Inc	308 N. Scoville Ave, Oak Park, Ill	EU6-29
Ind	Walter F Marsh & Associates Inc	308 N. Scoville Ave, Oak Park, Ill	EU6-29
Iowa	Walter F Marsh & Associates Inc	308 N. Scoville Ave, Oak Park, Ill	EU6-29
La	D B Carey Co	P.O. Box 6072, Ft. Worth, Tex	PE8-17
Me	Wild & Associates, Inc	341 Wheaton St, Needham, Mass	HI4-67
Md	Wild & Associates Inc	2523 Wilson Blvd, Arlington, Va	JA4-22
Mass	Wild & Associates, Inc	341 Wheaton St, Needham	HI4-675
Mich	Tower Engineering Co	18964 James Couzens Hwy, Detroit	DI1-233
Minn	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis 16	WE9-67
Miss	Roy Attaway Co	2315 Wallace Ave, Huntsville, Ala	534-351
Nev	H W Ruby & Associates Inc	P.O. Box 63, LaCanada, Cal	SY0-31
NH	Wild & Associates, Inc	341 Wheaton St, Needham, Mass	HI4-675
NJ	Wild & Associates Inc	1519 Northern Blvd, Roslyn, NY	MA1-86
NM	H W Ruby & Associates Inc	P.O. Box 63, LaCanada, Cal	SY0-31
NY	Wild & Associates Inc	1519 Northern Blvd, Roslyn, NY	MA1-86
NC	Roy Attaway Co	401 Nissen Bldg, Winston Salem	722-967
ND	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis 16, Minn	WE9-67
Okla	D B Carey Co	P.O. Box 6072, Ft. Worth, Tex	PE8-17
Ore	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	MA4-98
Pa	Wild & Associates Inc	P.O. Box 95, Southampton, Pa	LO8-75
RI	Wild & Associates, Inc	341 Wheaton St, Needham, Mass	HI4-675
SC	Roy Attaway Co	401 Nissen Bldg, Winston Salem, NC	722-967
SD	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis 16, Minn	WE9-67
Tenn	Roy Attaway Co	2315 Bob Wallace Ave, Huntsville, Ala	534-351
Tex	D B Carey Co	P.O. Box 6072, Ft. Worth, Tex	PE8-17
Utah	H W Ruby & Associates Inc	P.O. Box 63, LaCanada, Cal	SY0-319
Utah	Kelley Enterprises	336 E 4th St, Loveland, Colo	NO7-137
Vt	Wild & Associates, Inc	341 Wheaton St, Needham, Mass	HI4-675
Va	Wild & Associates Inc	2523 Wilson Blvd, Arlington, Va	JA4-227
Wash	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	MA4-98
W Va	Tower Engineering Co	1128 Lee Rd, Cleveland 18, Ohio	YE2-958
Wisc	Walter F Marsh & Associates Inc	308 N. Scoville Ave, Oak Park, Ill	EU6-29
Wyo	Kelley Enterprises	336 E 4th St, Loveland, Colo	NO7-137
Can	Instronics Limited	P O Box 100, Stittsville, Ont	TA8-125
Canada	Instronics Ltd	21 Benlamond St, Scarboro, Ontario, Canada	AX3-78
For	Muirig International, Inc	2125 Western Ave, Los Angeles, Cal	DU2-127
Foreign	Frelson Co	33 W. 42nd St, New York 36, NY	BR9-54
	POWELL CO., HAROLD H	2102 Market St, Philadelphia, Pa	LO4-144
	C Dougherty #1 *65 E 345		
Fla	Robert J Couch	619 Olmstead Rd, Winter Park	MI4-677
•	POWER DESIGNS INC	1700 Shames Dr, Westbury, NY	ED3-62
	H Roth #5 *107 D 338-1135-1340		
Cal	Paul Nuches Co	2396 E. Foothill Blvd, Pasadena	MU1-895
Conn	Instrument Dynamics	11 Albion St, Wakefield, Mass	245-510
Del	S & S Assoc	Box 6, King of Prussia, Pa	BR9-719
DC	S & S Assoc	Box 6, King of Prussia, Pa	BR9-719
Mass	Instrument Dynamics	11 Albion St, Wakefield	245-5100
NJ	Q E D Electronic Sales	9 Elm St, Mt. Vernon, NY	MO8-310
NY	John Lightstone	515 Comstock Ave, Syracuse	GR5-670
NY	Q E D Electronic Sales	9 Elm Ave, Mt. Vernon, NY	MO8-310
Ore	Comptronics	Hanford St, Seattle 4, Wash	
Pa	S & S Associates	P.O. Box 6, King of Prussia, Pa	BR9-719
Wash	Comptronics	Hanford St, Seattle 4	
	POWER EQUIPMENT CO	Portland Way N., Galion, Ohio	HO8-358
	W Reagan #25 *900 G 255-320-1340-1420-1855		
	POWER INSTRUMENTS CORP	235 Oregon St, El Segundo, Cal	SP2-218
	C Middleton #4 *15 C 338-345-475-895-900-915-1135-1150-1340-1420-1455-1460		
Ala	Lytle A Walking & Assoc	606 Andrew Jackson Way, Huntsville	534-3510
Cal	Wachtel-Mlawer	1121 University Ave, Palo Alto	DA1-247
Ill	Doug Gleason & Assoc	117 Bolling Forest Park	PE8-787
Md	F O Marcy Assoc	19 E 21st St, Baltimore	BE5-275
Mich	D W Wellesen & Assoc	905 W Michigan Ave, Jackson	ST4-803
NJ	F D Marcy Assoc	2380 Raymond Blvd, Newark	MA2-238
NY	Robert J Marcy Assoc., The	1776 Broadway, New York 19	CI5-555

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	POWER INSTRUMENTS, INC	**7352 N Lawndale Ave. Skokie, Ill**	**OR6-2300**
	H Adams #2 *10 B 895		
	POWER SOURCES DIV., TELECOMPUTING CORP	**3850 Olive St. Denver 7, Colo**	**DU8-4836**
	W Winder #6 *50 G 70		
	POWER SUPPLIES INC	**1007 Olive St, Highland, Ill**	**2139**
	255-338-365-895-1135-1340-1455-1915		
a	Airsupply-Aero Engineering Co	3272 Peachtree Rd, N.E., Atlanta 5, Ga	CE7-8636
iz	Airsupply-Aero Engineering Co	9815 Wilshire Blvd, Beverly Hills, Cal..	BR2-8111
k	Airsupply-Aero Engineering Co	3272 Peachtree Rd, N.E., Atlanta 5, Ga	CE7-8636
l	Airsupply-Aero Engineering Co	9815 Wilshire Blvd, Beverly Hills, Cal..	BR2-8111
l	Airsupply-Aero Engineering Co	Box 6296, Point Loma Sta, San Diego	CY8-1121
l	Airsupply-Aero Engineering Co	207 Town & Country Village, Palo Alto..	DA6-4186
lo	Airsupply-Aero Engineering Co	3111 S. Broadway, Englewood, Colo	SU9-0591
nn	Airsupply-Aero Engineering Co	220 Old Country Rd, Mineola, NY	PI7-8686
el	Airsupply-Aero Engineering Co	1510 Russell Rd, Paoli, Penn	NI4-1450
C	Airsupply-Aero Engineering Co	7215 York Rd, Baltimore 12, Md	VA3-4101
a	Airsupply-Aero Engineering Co	205-D W. Fairbanks, Winter Park, Fla	MI7-2947
	Airsupply-Aero Engineering Co	3272 Peachtree Rd, N.E., Atlanta 5, Ga	CE7-8636
aho	Airsupply-Aero Engineering Co	3111 S. Broadway, Englewood, Colo	SU9-0591
	Sam T[illegible]	704 S. Halsted, Chicago, Ill	CE6-2964
d	Airsupply-Aero Engineering Co	3440 N. Meridian St. Indpls 8, Ind	WA5-3528
wa	Airsupply-Aero Engineering Co	5407 Excelsior Blvd, Mnnpls 16, Minn	WA2-0848
n	Airsupply-Aero Engineering Co	612 S. Oliver, Wichita, Kan	MU3-7518
y	Airsupply-Aero Engineering Co	3440 N. Meridian St, Indpls 8, Ind	WA5-3528
a	Airsupply-Aero Engineering Co	3272 Peachtree Rd, N.E., Atlanta 5, Ga	CE7-8636
e	Airsupply-Aero Engineering Co	14 Spring St, Waltham, Mass	TW5-9165
d	Airsupply-Aero Engineering Co	7215 York Rd, Baltimore 12, Md	VA3-4101
ss	Airsupply-Aero Engineering Co	14 Spring St, Waltham, Mass	TW4-9165
ch	Airsupply-Aero Engineering Co	15800 W. McNichols Rd, Detroit, Mich	BR3-7238
nn	Airsupply-Aero Engineering Co	5407 Excelsior Blvd, Minneapolis, Minn	WA2-0848
ss	Airsupply-Aero Engineering Co	3272 Peachtree Rd, N.E., Atlanta 5, Ga	CE7-8636
o	Airsupply-Aero Engineering Co	Box 6247, Lambert Field, St. Louis 21	PE1-6000
ont	Airsupply-Aero Engineering Co	5407 Excelsior Blvd, Mnnpls 16, Minn	WA2-0848
eb	Airsupply-Aero Engineering Co	612 S. Oliver, Wichita, Kan	MU3-7518
ev	Airsupply-Aero Engineering Co	Town & Country Village, Palo Alto, Cal	DA6-4186
H	Airsupply-Aero Engineering Co	14 Spring St, Waltham, Mass	TW4-9165
J	Airsupply-Aero Engineering Co	220 Old Country Rd, Mineola, NY	PI7-8686
M	Airsupply-Aero Engineering Co	3111 S. Broadway, Englewood, Colo	SU9-0591
Y	Airsupply-Aero Engineering Co	220 Old Country Rd, Mineola, NY	PI7-8686
Y	Airsupply-Aero Engineering Co	2360 James St, Syracuse 6, NY	HO3-8531
C	Airsupply-Aero Engineering Co	3272 Peachtree Rd, N.E., Atlanta 5, Ga	CE7-8636
D	Airsupply-Aero Engineering Co	5407 Excelsior Blvd, Mnnpls 16, Minn	WA2-0848
hio	Airsupply-Aero Engineering Co	343 W. 1st St, Dayton, Ohio	BA4-0728
hio	Airsupply-Aero Engineering Co	911 S. James Rd, Columbus 13, Ohio	BE1-2758
kla	Airsupply-Aero Engineering Co	612 S. Oliver, Wichita, Kan	MU3-7518
re	Airsupply-Aero Engineering Co	10633 N.E. 8th St, Bellevue, Wash	GI4-7922
a	Airsupply-Aero Engineering Co	1510 Russell Rd, Paoli, Pa	NI4-1450
I	Airsupply-Aero Engineering Co	14 Spring St, Waltham, Mass	TW4-9165
C	Airsupply-Aero Engineering Co	3272 Peachtree Rd, N.E., Atlanta 5, Ga	CE7-8636
D	Airsupply-Aero Engineering Co	5407 Excelsior Blvd, Mnnpls 17, Minn	WA2-0848
enn	Airsupply-Aero Engineering Co	3272 Peachtree Rd, N.E., Atlanta 5, Ga	CE7-8635
ex	Airsupply-Aero Engineering Co	1230 Lake St, Ft. Worth, Tex	ED5-4541
tah	Airsupply-Aero Engineering Co	3111 S. Broadway, Englewood, Colo	SU9-0591
t	Airsupply-Aero Engineering Co	2360 James St, Syracuse, NY	HO3-8531
a	Airsupply-Aero Engineering Co	7215 York Rd, Baltimore 12, Md	VA3-4101
ash	Airsupply-Aero Engineering Co	10633 N.E. 8th St, Bellevue, Wash	GI4-7922
. Va	Airsupply-Aero Engineering Co	7215 York Rd, Baltimore 12, Md	VA3-4101
isc	G K Tollakson	611 Main, Racine, Wisc	ME2-2345
yo	Airsupply-Aero Engineering Co	3111 S. Broadway, Englewood, Colo	SU9-0591
	POWERS CO., J J	**818 N. 22nd Ave, Melrose Park, Ill**	**FI5-3500**
	J Powers *10 A 55-180		
riz	Geo Sheller Co	240 S 1st, Phoenix	AL8-7893
rk	J Earl Smith Co	PO Box 35331, Dallas, Tex	FL7-1727
al	W J Barron Co	1405 S Grand, LA	RI8-6191
a	J Earl Smith Co	Box 35331, Dallas, Tex	FL7-1727
inn	Northern States Sales Co	1400 Park Ave, Mnpls	FE3-2521
D	Northern States Sales	1400 Park Ave, Mnpls, Minn	FE3-2521
kla	J Earl Smith Co	Box 35331, Dallas, Tex	FL7-1727
D	Northern States Sales	1400 Park Ave, Mnpls, Minn	FE3-2521
ex	J Earl Smith Co	Box 35331, Dallas	FL7-1727
•	**POWERTRON ULTRASONICS CORP.**	**Patterson Pl. Roosevelt Fld. Garden City, NY**	**PI1-3220**
	P Steen #29 *320 E 265-360-895-1075-1100-1655-1915		
la	Ridge Instrument Co	162 Talmeda Rd. Oak Ridge, Tenn	
riz	Red-Lu Tool & Supply	3217 E. Wash. Phoenix	BR5-7588
rk	Chester Fasson	Box 4727, Dallas 6, Tex	TA1-1222
al	R V Weatherford Co	6921 San Fernando Rd. Glendale	TH5-3551
olo	Harry Daigle	651 S. Jason St. Denver	SH4-2311
onn	Industrial Ultrasonics	Box 1623, Springfield, Mass	ST8-8967
C	H A McCormick	Phoenix Post Office, Md	NO6-2333
la	Allied Plating Supplies	5000 E. 10th Ct. Hialeah	MU1-8531
a	Specialized Electronic Corp	Box 3385, Birmingham, Ala	FA4-1615
l	G S Blakeslee & Co	1844 S. Laramie Ave. Chicago 50	BI2-2710
nd	Delta Sales	2136 E. 52nd St. Indpls	CL1-3564
owa	Manufacturers Sales Co	6301 Wayzata Blvd. Mnpls 16	LI5-1223
an	Industrial Electronics of Omaha	6614 Blondo St. Omaha 4, Neb	
y	G S Robins & Co	126 Chouteau Ave. St. Louis 2, Mo	MA1-5155
le	Industrial Ultrasonics	Box 1623, Springfield, Mass	ST8-8967
d	H A McCormick	Phoenix Post Office	NO6-2333
ass	General Type & Supply	51 Melcher St. Boston 10	LI2-9170
ich	Grant Shaffer Co	14241 Fenkell Ave, Detroit	BR3-5390
inn	Manufacturers Sales Co	6301 Wayzata Blvd. Mnpls 16	LI5-1223
iss	Ridge Instrument Co	162 Talmeda Rd. Oak Ridge, Tenn	
o	G S Robins & Co	126 Chouteau Ave. St. Louis 2	MA1-5155
eb	Industrial Electronics of Omaha	6614 Blondo St. Omaha 4	
M	Rio Grande Sales Co	1003-A San Mateo Blvd. SE. Albuquerque	AM8-5285
C	Specialized Electronic Corp	Box 3385, Birmingham, Ala	FA4-1615
D	Manufacturers Sales Co	6301 Wayzata Blvd. Mnpls 16, Minn	LI5-1223
hio	A N Ulrich Co	1251 Millerdale Rd. Columbus 9	BE7-3084
kla	Chester Fasson	Box 4727, Dallas 6, Tex	TA1-1222
a	Fluid Controls Co	5150 Ridge Ave. Phila 28	
C	Specialized Electronic Corp	Box 871, Aiken	
enn	Ridge Instrument Co	162 Talmeda Rd. Oak Ridge	
ex	U S Equipment Sales Co	Box 8041, Houston 23	CA7-3475

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Utah	Harry Daigle	651 S. Jason St. Denver, Colo	SH4-2311
Va	H A McCormick	Phoenix Post Office, Md	NO6-2333
Wash	Perine Machinery & Supply Co	1921 1st Ave. S. Seattle 4	MA2-2620
W Va	A N Ulrich Co	1251 Millerdale Rd. Columbus 9, Ohio	
Wis	Manufacturers Sales Co	6301 Wayzata Blvd. Mnpls 16, Minn	
Wyo	Harry Daigle	651 S. Jason St. Denver, Colo	
For	Philips Export Co	100 E. 42nd St. NY 17, NY	OX7-3800
	POWER-TRONIC SYSTEMS, INC	**10-12 Pine Ct. New Rochelle, NY**	**NE2-2200**
	G Preisick #13 *50 D 20-35-338-365-450-775-895-915-1165-1340-1455-1850		
Ala	Emmett Rushin	P O Box 486, Roswell, Ga	RO6498
Cal	Weller Aircraft	12829 Elkwood St. N Hollywood	ST1-4067
Cal	Courtney Engineering	P O Box 2803, Oakland 18	OL3-6181
Conn	John Gilmore Co	Canterbury, NH	ST3-4362
Del	Ten Eyck, Jahnel, Inc	1624 Eye St NW, Washington 6, DC	ST3-3453
DC	Ten Eyck, Jahnel, Inc	1624 Eye St NW, Washington 6	ST3-3453
Fla	Emmett Rushin	P O Box 486, Roswell, Ga	RO6498
Ga	Emmett Rushin	P O Box 486, Roswell	RO6498
Ind	A N Schmitt	19457 James Couzens Hwy. Detroit, Mich	WO3-2110
Me	John Gilmore Co	Canterbury, NH	ST3-4362
Md	Ten Eyck, Jahnel, Inc	1624 Eye St NW, Washington 6, DC	ST3-3453
Mass	John Gilmore Co	Canterbury, NH	ST3-4362
Mich	A N Schmitt	19457 James Couzens Hwy. Detroit	WO3-2110
NH	John Gilmore Co	Canterbury	ST3-4362
NY	John Gilmore Co	Canterbury, NH	ST3-4362
NC	Emmett Rushin	P O Box 486, Roswell, Ga	RO6498
Ohio	Keith O Nichols	537 Chisholm Trail, Wyoming 15	JA2-3096
Ohio	A N Schmitt	19457 James Couzens Hwy. Detroit, Mich	WO3-2110
Okla	V J Sykes Assoc	2608 Inwood Rd. Dallas 35, Tex	FL2-6943
RI	John Gilmore Co	Canterbury, NH	ST3-4362
SC	Emmett Rushin	P O Box 486, Roswell, Ga	RO6498
Tenn	Emmett Rushin	P O Box 486, Roswell, Ga	RO6498
Tex	V J Sykes Associates	2608 Inwood Rd. Dallas 35	FL2-6943
Vt	John Gilmore Co	Canterbury, NH	ST3-4362
Va	Ten Eyck, Jahnel Inc	1624 Eye St. NW, Washington 6, DC	ST3-3453
Can	Delta Aircraft Eqpt Co	1790A Avenue Rd. Toronto, Ont	RU3-7372
	POXYLUBE INC	**541 S. Webster Ave. Indpls. 19, Ind**	**FL9-5407**
	J Sholtz #5 *90 E 315-1070		
Ala	M K Smith Inc	2005-1/2 Calaba Rd. Birmingham 13	TR1-9341
Ariz	Carl Herrmann Assoc	Phoenix	EN0702
Cal	Carl Herrmann Assoc	551 E. Walnut St. Pasadena	MU1-5111
Cal	Carl Herrmann Assoc	Box 1179, Palo Alto	DA6-6033
Colo	Carl Herrmann Assoc	319-1A San Francisco St. Santa Fee, NM	YU2-2881
Conn	Abbett & Hustis Co	Box 52, Ridgefield	ID8-3200
Del	Gene Rosen & Assoc. Inc	9501 Wadsworth Dr. Bethesda 14, Md	OL6-6131
DC	Gene Rosen & Assoc. Inc	9501 Wadsworth Dr. Bethesda 14, Md	OL6-6131
Fla	Ben Farmer, & M K Smith Inc	117 N. Keystone Dr. Clearwater	CL39-8021
Ga	Maitland K Smith Inc	208 14th St. NW, Atlanta 13	TR5-8031
Idah	C Herrmann Assoc	6518-48th Ave. Seattle 15, Wash	LA3-5662
Ill	Ringland M KruegerCo	4738 N. Harlem Ave. Chicago 31	UN7-7100
Iowa	Ringland M Krueger	4738 N. Harlem Ave. Chicago 31, Ill	UN7-7100
Me	Abbett & Hustis Co	Box 248, Needham 92, Mass	HI4-5470
Md	Gene Rosen & Assoc. Inc	9501 Wadsworth Dr. Bethesda 14	OL6-6131
Mass	Abbett & Hustis Co	Box 248, Needham 92	HI4-5470
Mich	Martin Vogt	2817 Bamlet Rd. Royal Oak	LI9-3355
Minn	Anderson & Assoc	3325 York Ave. N. Mnpls 22	JU8-2523
Miss	M K Smith Inc	2805-1/2 Calaba Rd. Birmingham 13, Ala	TR1-9341
Mont	C Herrmann Assoc	6518-48th Ave. Seattle 15, Wash	LA3-5662
	Carl Herrmann Assoc	319-1A San Francisco St. Santa Fe, NM	YU2-2881
Nev	Carl Herrmann Assoc	Box 1179, Palo Alto, Cal	DA6-6033
NH	Abbett & Hustis Co	Box 248, Needham 92, Mass	HI4-5470
NJ	R L Ringer Co	Box 114, Glen Rock	GI4-1434
NM	Hugh Bull, C Herrmann Assoc	Albuquerque	CH7-2688
NY	R L RingerCo	Box 114, Glen Rock, NJ	GI4-1434
NY	Wm Richter Corp	107 Dolores Ter. S. N. Syracuse	GL4-1496
NC	M K Smith Co	Box 8401, Charlotte	FR6-5950
ND	Anderson & Assoc	3325 York Ave. N. Mnpls 22, Minn	JU8-2523
Ohio	Martin-Rettger Inc	11955 Shaker Blvd. Cleve 20	SW1-8787
Ore	Walter Colquhoun, C Herrmann Assoc	6518 - 48th Ave. Seattle 15, Wash	LA3-5562
Pa	Martin-Rettger Inc	11955 Shaker Blvd. Cleve 20, Ohio	SW1-8787
RI	Abbett & Hustis Co	Box 52, Ridgefield, Conn	ID8-3200
SC	Maitland K Smith Inc	208 14th St. NW. Atlanta 13, Ga	TR5-8031
SD	Anderson & Assoc	3325 York Ave. N. Mnpls 22, Minn	JU8-2523
Tenn	M K Smith Inc	208 14th St. NW. Atlanta 13, Ga	TR5-8031
Utah	Carl Herrmann Assoc	Box 1179, Palo Alto, Cal	DA6-6033
Vt	Abbett & Hustis Co	Box 248, Needham 92, Mass	HI4-5470
Va	Gene Rosen & Assoc. Inc	9501 Wadsworth Dr. Bethesda 14, Md	OL6-6131
Wash	Walter Colquhoun, C Herrmann Assoc	6518 - 48th Ave. Seattle 15	LA3-5662
W Va	Martin-Rettger Inc	11955 Shaker Blvd. Cleve 20, Ohio	SW1-8787
Wis	Ringland M Krueger Co	4738 N. Harlem Ave. Chicago 31, Ill	UN7-7100
Wis	Anderson & Assoc	3325 York Ave. N. Mnpls 22, Minn	JU8-2523
Wyo	Carl Herrmann Assoc	Box 1179, Palo Alto, Cal	DA6-6033
	PRATT & WHITNEY CO., INC	**Charter Oak Blvd, W. Hartford 1, Conn**	**AD3-7561**
	P Stanton *2500 G 195-895		
Cal	Pratt & Whitney Co., Inc	4535 S Soto St. Los Angeles	LU2-9301
Cal	Pratt & Whitney Co., Inc	1331 Howard St. San Francisco	MA1-7363
Colo	Earle Fuller	222 S Jasmine St. Denver	DE3-4418
Ill	Pratt & Whitney Co., Inc	4649 W Fullerton Ave. Chicago 39	HU9-1626
Mass	Pratt & Whitney Co., Inc	238 Main St. Cambridge 42	KI7-5875
Mich	Pratt & Whitney Co., Inc	8626 W McNichols Rd. Detroit 21	DI1-1070
Minn	Robert B Lawton	P O Box 223, Hopkins	GR4-8406
NY	Pratt & Whitney Co., Inc	311 Northern Blvd. Great Neck	HU2-4342
NC	Pratt & Whitney Co., Inc	519 E Trade St. Charlotte 1	ED2-7774
Ohio	Pratt & Whitney Co., Inc	4811 Para Dr. Cincinnati 37	JE1-8002
Ohio	Pratt & Whitney Co., Inc	1300 Enterprise Ave. Cleveland 35	OR1-7216
Pa	Pratt & Whitney Co., Inc	401 N Broad St. Philadelphia 8	WA2-1140
Pa	Pratt & Whitney Co., Inc	P O Box 2729, Pittsburgh 30	HU1-2363
Tex	Pratt & Whitney Co., Inc	1405 S Post Oak Rd. Houston 27	SU2-5310
Wash	Pratt & Whitney Co., Inc	888 Lane St. Seattle 4	MA3-7715
•	**PRECISE MEASUREMENTS CO**	**RD 1, Millbrooke, Flemington, NJ**	**ST2-3300**
	H Pellatz #2 *5 C 345-895-905-1135-1330-1340-1460-1855-1860-1935		
	PRECISION APPARATUS CO. INC	**70-31 84th St. Glendale 27, NY**	**TW4-4290**
	S Fleischman #10 *180 E 895-955-1005-1340-1895		
Ala	Morris F Taylor Co	940 Lake Elbert Dr. Winter Haven, Fla	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Alas	S N Stroum	621 Michigan St. Seattle 8, Wash	
Ariz	Verne Linsley Co	2902 W. Villa St. Phoenix	
Ark	L R Massey	304 E. Jefferson St, Greenwood, Miss	
Cal	Logan Sales Co	154 8th St, San Francisco 3, Cal	
Cal	E E Shaffer Co	1865 N. Western Ave, Los Angeles, Cal	
Colo	Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	
Conn	Mosher & Peyser Co	945 Great Plain Ave, Needham 92, Mass	
Del	Morris F Taylor Co	5345 Fieldcrest Dr. Pittsbgh 36, Pa	
DC	Morris F Taylor Co	3401 Adams Dr, Silver Spring, Md	
Fla	Morris F Taylor Co	940 Lake Elbert Dr, Winter Haven, Fla	
Fla	Morris F Taylor Co	4304 Corona St, Tampa 9, Fla	
Ga	Morris F Taylor Co	940 Lake Elbert Dr. Winter Haven, Fla	
Idah	S N Stroum Co. Inc	621 Michigan St. Seattle 8, Wash	
Ill	Felleisen Associates	5841 W. Montrose Ave, Chicago 34, Ill	
Ind	J Clancy & Co., Inc	P O. Box 283, Angola, Ind	
Iowa	McDowell-Redlingshafer Sales	1103 E. Armour, Kansas City, Mo	
Kan	McDowell-Redlingshafer Sales	1103 E. Armour, Kansas City, Mo	
Ky	Ralph S Mullen Co	5345 Fieldcrest Dr. Pittsbgh 16, Pa	
Ky	J Clancy & Co., Inc	P.O. Box 283, Angola, Ind	
La	H Lieberman	532 Fidelity Union Life Bldg, Dallas 1, Tex	
Me	Mosher & Peyser Co	945 Great Plain Ave, Needham 92, Mass	
Md	Morris F Taylor Co	3401 Adams Dr, Silver Spring, Md	
Mass	Mosher & Peyser Co	945 Great Plain Ave, Needham 92, Mass	
Mich	Jack M Thorpe	640 Hunter Ln, Detroit 35, Mich	
Minn	John E M Anderson	5231 Humboldt Ave. S. Mnpls	
Miss	L R Massey Co	304 E. Jefferson St, Greenwood, Miss	
Mo	McDowell-Redlingshafer Sales	1103 E. Armour, Kansas City, Mo	
Mont	S N Stroum Co. Inc	621 Michigan St. Seattle 8, Wash	
Mont	Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	
Neb	McDowell-Redlingshafer Sales	1103 E. Armour, Kansas City, Mo	
Neb	Nelson Co	710 E. Louisiana Ave. Denver 10, Colo	
Nev	Verne Linsley Co	2902 W. Villa St. Phoenix, Ariz	
Nev	Logan Sales Co	154 8th St, San Francisco, Cal	
NH	Mosher & Peyser Co	945 Great Plain Ave, Needham 92, Mass	
NJ	Kaelber & Mack	1 Park Ave, Manhasset, NY	
NM	Nelson Co	710 E. Louisiana Ave. Denver 10, Colo	
NY	L J McTaggart	2451 Wehrle Dr. Buffalo 21	
NY	Kaelber & Mack	1 Park Ave, Manhasset, NY	
NC	Morris F Taylor Co	1224 Dresden Dr, W. Charlotte 5, NC	
ND	John E M Anderson	5231 Humboldt Ave. S. Mnpls, Minn	
Ohio	Ralph S Mullen Co	5345 Fieldcrest Dr. Pittsbgh 36, Pa	
Ohio	F A Daugherty Co	6025 Mayfield Rd, Cleveland 24, Ohio	
Okla	H Lieberman & Assoc	6170 Sherry Ln. Dallas 25, Tex	
Ore	S N Stroum Co. Inc	621 Michigan St. Seattle 8, Wash	
Pa	Ralph S Mullen Co	5345 Fieldcrest Dr. Pittsbgh 36	
RI	Mosher & Peyser Co	945 Great Plain Ave, Needham 92, Mass	
SC	Morris F Taylor Co	1224 Dresden Dr, W. Charlotte 5, NC	
SD	John E M Anderson	5231 Humboldt Ave. S. Mnpls, Minn	
Tenn	Morris F Taylor Co	940 Lake Elbert Dr. Winter Haven, Fla	
Tenn	L R Massey Co	304 E. Jefferson St, Greenwood, Miss	
Tex	H Lieberman & Assoc	6170 Sherry Ln. Dallas 25	
Tex	Verne Linsley Co	2902 W. Villa St. Phoenix, Ariz	
Utah	Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	
Vt	Mosher & Peyser Co	945 Great Plain Ave, Needham 92, Mass	
Va	Morris F Taylor Co	3401 Adams Dr, Silver Spring, Md	
Wash	S N Stroum Co. Inc	621 Michigan St. Seattle 8	
W Va	Ralph S Mullen Co	5345 Fieldcrest Dr. Pittsbgh 36	
Wis	John E M Anderson	5231 Humboldt Ave. S. Mnpls, Minn	
Wisc	Felleisen Associates	5841 W. Montrose Ave, Chicago 34, Ill	
Wyo	Nelson Co.	710 E. Louisiana Ave, Denver 10, Colo	
Canada	Atlas Radio Corp	50 Wingold Ave, Toronto 19, Canada	
Foreign	Morhan Exporting Corp	458 Broadway, New York 13, NY	
	PRECISION CASTPARTS CORP	**4600 SE Harney Dr. Portland, Ore**	
	233		
	PRECISION CIRCUITS INC	**85 Weyman Ave. New Rochelle, NY**	**BE5-4300**
	J Lehmann #10 *128 E 280-1225-1230		
Colo	Sanford Co	1727 E 2nd St. Wichita, Kan	AM5-3553
Conn	Richter Assoc	645 E Washington St. Hanson, Mass	TA6-2821
DC	Pace Inc	2814 Radius Rd. Wheaton, Md	WH2-0979
Iowa	Sanford Co	1727 E 2nd St. Wichita, Kan	AM5-3553
Kan	Sanford Co	1727 E 2nd St. Wichita	AM5-3553
Me	Richter Assoc	645 E Washington St. Hanson, Mass	TA6-2821
Md	Pace Inc	2814 Radius Rd. Wheaton	WH2-0979
Mass	Richter Assoc	645 E Washington St. Hanson	TA6-2821
Mo	Sanford Co	1727 E 2nd St. Wichita, Kan	AM5-3553
NH	Richter Assoc	645 E Washington St. Hanson, Mass	TA6-2821
NJ	Val-Garth Assoc	137-28 Northern Blvd. Flushing 54, NY	LE9-6220
NY	E W Stone Co, Inc	308 Merritt Ave. Syracuse 7	HO9-3825
Okla	Sanford Co	1727 E 2nd St. Wichita, Kan	AM5-3553
RI	Richter Assoc	645 E Washington St. Hanson, Mass	TA6-2821
Utah	Sanford Co	Box 122, Foot Hill Sta. Salt Lake City	IN6-2817
Vt	Richter Assoc	645 E Washington St. Hanson, Mass	TA6-2821
Va	Pace Inc	2814 Radius Rd. Wheaton, Md	WH2-0979
	PRECISION CONNECTORS INC	**165 E. 2nd St, Mineola, NY**	**PI7-4420**
	345		
NJ	Jack Orure	5555 Winchester Ave, Union, NJ	EL5-0474
NY	J A DeLuca	Hollis, NY	HO4-8412
NY	H A F Associates	320 E. 70th St, New York 21, NY	RE7-1330
NY	Hecht Electronics	Roslyn, NY	MA1-8462
Pa	W R Griffin Co	Reeside Bldg, Spring House, Pa	MI6-8383
Wisc	E A Dickenson	4117 N. Greenbay Ave, Milwaukee, Wisc	CO4-1280
	PRECISION CRYSTAL LAB	**2223 Warwick Ave. Santa Monica, Cal**	**UP0-5049**
	W Rogers #2 *1 A 410-415-1215-1915		
	PRECISION ELECTRONIC COMPONENTS LTD	**50 Wingold Ave, Toronto 19, Ontario, Canada**	**RU1-6174**
	B 1330		
	PRECISION ELECTRONICS CO	**427 Plain St, Marshfield, Mass**	**TE4-6677**
	K Williams #2 *10 320-1340-1420-1855		
Conn	W M Hague Co	P.O. Box 69, Carlisle, Mass	VO2-8717
Me	W M Hague Co	P.O. Box 69, Carlisle, Mass	VO2-8717
Mass	W M Hague Co	P.O. Box 69, Carlisle, Mass	VO2-8717
NH	W M Hague Co	P.O. Box 69, Carlisle, Mass	VO2-8717

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	PRECISION ELECTRONICS INC	48 Merrick Rd, Rockville Centre, NY	OR8-4182
	J Salz #2 *32 C 320-1835		
	PRECISION ELECTRONICS INC	9101 King St, Franklin Park, Ill	NA5-7450
	45-55-220-895-910-1895		
	PRECISION ELECTROPLATING CO	6055 N Keystone Ave. Chicago 46, Ill	JU3-3333
	J Zacharias #1 *35 D 1305		
Ind	James Anderson	3917 N. Drexel Dr, Indianapolis, Ind	LI6-8075
Mo	R F Decker Co	920 N. Kirkwood Rd, Kirkwood 22, Mo	YO5-7248
	PRECISION ENGRAVING CO	13 Ridgedale Ave, Hanover, NJ	TU7-3350
	P Noble *5 A 595-895-1190-1245		
	PRECISION INC	4748 France Ave, N., Minneapolis, Minn	JU8-9441
	320-1475-1830		
Ala	W E Wolcott Co	P O Box 1523, Winter Park, Fla	
Cal	Melvin & Co	3843 E. Colorado Blvd, Pasadena, Cal	
Fla	W E Wolcott Co	P. O. Box 1523, Winter Park, Fla	
Ga	W E Wolcott Co	P. O. Box 1523, Winter Park, Fla	
Ill	Charles Rossi Sales Co	2429 N. 73rd Ave, Chicago 25, Ill	
NC	W E Wolcott Co	P O Box 1523, Winter Park, Fla	
SC	W E Wolcott Co	P O Box 1523, Winter Park, Fla	
Tenn	W E Wolcott Co	P O Box 1523, Winter Park, Fla	
Wisc	Charles Rossi Sales Co	2429 N. 73rd Ave, N., Chicago 25, Ill	
	PRECISION INSTRUMENT CORP	1011 Commercial St, San Carlos, Cal	LY1-4441
	J Magida #50 *200 F 325-895-1435		
Ala	Gentry Assoc	1851 Oak Ln. Orlando, Fla	GA4-0730
Ariz	V T Rupp Co	3445 Fifth Ave, San Diego 3, Cal	CY6-3035
Ark	Dammeller-Smith, Inc	6218-B Westheimer Rd, Houston 27, Tex	SU2-7350
Cal	R L Pflieger Co	1452 Laurel St, San Carlos, Cal	LY1-0395
Cal	V T Rupp Co	107 Parkman Ave, Los Angeles 26, Cal	DU7-8224
Colo	Williams & Associates Inc	2262 S. Albion St, Denver 22, Colo	SK6-9403
Conn	Instrument Associates	734 Asylum Ave, Hartford 5, Conn	CH6-5566
Del	Cawley-Knopp Co	8732 Flower Ave, Silver Spring, Md	JU5-7550
DC	Cawley-Knopp Co	8732 Flower Ave, Silver Spring, Md	JU5-7550
Fla	Gentry Assoc	1851 Oak Ln. Orlando	GA4-0730
Ga	Gentry Assoc	1851 Oak Ln. Orlando, Fla	GA4-0730
Idaho	Ruth & Drake Associates Inc	P O Box 2126, Idaho Falls, Idaho	JA2-7992
Ill	Fivan Eng Co	3042 Peterson Ave. Chicago 45	KE9-4848
Ind	Fivan Eng Co	11102 N College Ave, Indpls 20	VI6-1532
Iowa	Fivan Eng Co	3042 Peterson Ave. Chicago 45, Ill	KE9-4838
Kan	Harris-Hanson Co	7916 Paseo Ave, Kansas City 30, Mo	HI4-9494
Ky	Electro Sales Associates	Dabel Sta Box 143, Dayton 20, Ohio	CH4-6551
Me	Instrument Associates	30 Park Ave, Arlington 74, Mass	MI8-2922
Md	Cawley-Knopp Co	807 E. Seminary Ave, Towson 4, Md	VA5-3151
Mass	Instrument Associates	30 Park Ave, Arlington 74, Mass	MI8-2922
Mich	Electro Sales Associates	36500 Woodward Rd, Mt. Clemens, Mich	HO3-2461
Minn	Northport Engineering Inc	1729 Selby Ave, St. Paul 4, Minn	MI6-2621
Miss	Gentry Assoc	1851 Oak Ln. Orlando, Fla	GA4-0730
Mo	Harris-Hanson Co	3814 E. Brentwood Blvd, St. Louis 17, Mo	MI7-4350
Mont	Ruth & Drake Associates	1817 Norman St, Seattle 44, Wash	EA3-8545
Neb	Harris-Hanson Co	7916 Paseo Ave, Kansas City 30, Mo	HI4-9494
Nev	R L Pflieger Co	1452 Laurel St, San Carlos, Cal	LY1-0395
NH	Instrument Associates	30 Park Ave, Arlington 74, Mass	MI8-2922
NJ	Cawley-Knopp Co	635 Glenside Ave, Wyncote, Pa	WA7-1820
NJ	Cawley-Knopp Co	178 Eagle Rock Ave, Roseland, NJ	CA6-4545
NM	V T Rupp Co	1417 San Mateo, N.E., Albuquerque, NM	AL5-0758
NY	SBM Assoc, Inc	Rowland Rd, R2 #3, Binghamton	RA2-2648
NY	SBM Assoc, Inc	232 Roosevelt Dr, Utica	RE2-4410
NY	SBM Assoc, Inc	171 Winton Rd, N, Rochester 20	OL4-8440
NY	Cawley-Knopp Co	178 Eagle Rock Ave, Roseland, NJ	CA6-4545
NC	W J McDonald Co	Whippoorwill Dr. Pfafftown	WA4-2182
ND	Northport Engineering Inc	1729 Selby Ave, St. Paul 4, Minn	MI6-2621
Ohio	Electro Sales Associates	281 E. 216th St, Cleveland 23, Ohio	RE2-7444
Ohio	Electro Sales Associates	Dabel Sta Box 143, Dayton 20, Ohio	CH4-6557
Okla	Dammeller-Smith, Inc	6218-B Westheimer Rd, Houston 27, Tex	SU2-7350
Ore	Ruth & Drake Associates	1817 Norman St, Seattle 44, Wash	EA3-8545
Pa	Electro Sales Associates	281 E. 216th St, Cleveland 23, Ohio	RE2-7444
Pa	Cawley-Knopp Co	635 Glenside Ave, Wyncote, Pa	WA7-1820
RI	Instrument Associates	734 Asylum Ave, Hartford 5, Conn	CH6-5566
SC	W J McDonald Co	Whippoorwill Dr, Pfafftown, NC	WA4-2182
SD	Northport Engineering Inc	1729 Selby Ave, St. Paul 4, Minn	MI6-2621
Tenn	W J McDonald Co	Whippoorwill Dr. Pfafftown, NC	WA4-2182
Tex	Dammeller-Smith, Inc	2712 W Mockingbird Ln, Dallas	FL7-8249
Utah	Williams & Associates Inc	370 E. 4th S., Salt Lake City 11, Utah	EM4-6844
Vt	Instrument Associates	734 Asylum Ave, Hartford 5, Conn	CH6-5566
Va	Cawley-Knopp Co	8732 Flower Ave, Silver Spring, Md	JU5-7550
Wash	Ruth & Drake Associates Inc	1817 Norman St, Seattle 44, Wash	EA3-8545
W. Va	Electro Sales Associates	Dabel Sta Box 143, Dayton 20, Ohio	CH4-6551
Wis	Fivan Eng Co	3042 Peterson Ave. Chicago 45, Ill	KE9-4838
Wyo	Williams & Associates Inc	2261 S. Albion St, Denver 22, Colo	SK6-9403
For	Sales Representatives in Principal Countries		
	PRECISION LINE INC	63 Main St, Maynard, Mass	TW7-2451
	C Southerst #2 *15 A 1330-1735		
Cal	M B Gilbert Co., Inc	7923 Emerson Ave. Los Angeles	OR8-3418
Cal	Arthur L Britton Co	1261 Bay Laurel Dr, Menlo Park	DA5-4411
Fla	Mark Electronic Sales	P.O. Box 241, N. Miami 61, Fla	WI7-5080
Ill	J J Indra Sales Co	5117 N Oconto Ave, Chicago	UN7-8524
Ind	J J Indra Sales Co	5117 N Oconto Ave, Chicago, Ill	UN7-8524
Mich	Edmund C Frost	1545 Chelmsford Rd, Mayfield Hgts, Ohio	HI2-9040
NJ	Albert Clarfield	99 Roberts Pl, Roosevelt, NY	PL7-6454
NY	Albert Clarfield	99 Roberts Pl, Roosevelt, NY	PL7-6454
Ohio	Edmund C Frost	1545 Chelmsford Rd, Mayfield Hgts, Ohio	HI2-9040
Pa	Edmund C Frost	1545 Chelmsford Rd, Mayfield Hgts, Ohio	HI2-9040
Wis	J J Indra Sales Co	5117 N Oconto Ave. Chicago, Ill	UN7-8524
	PRECISION MECHANISMS CORP	577 Newbridge Ave, E. Meadow, NY	IV3-8953
	L Cassis #3 *21 C 70-150-205-285-360-755-895-1470-1550		
Cal	Components Sales	4135 Van Nuys Blvd, Sherman Oaks, Cal	ST1-4550
Cal	Components Sales California	Palo Alto	DA6-5337
Mass	Components Sales Corp	473 Washington St, Wellesley	CE5-1097
NY	Components Sales Corp	[illegible]	[illegible]
NY	Components Sales Corp	Pittsford	DU1-1510
NY	Components Sales Corp	Syracuse	[illegible]

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	PRECISION METAL PRODS CO OF MALDEN, INC	41 Elm St, Stoneham 80, Mass	ST6-3650
	R Dogmen #5 *80 D		
Ala	William R Lehmann Co	108 Hillcrest Ave, Orlando, Fla	GA2-9848
Cal	Elmac Sales Inc	1921 University Ave, Palo Alto, Cal	DA1-2430
Cal	C W Saxon	1211 W Magnolia, Burbank	VI9-1494
Colo	Cox Sales Co	2695 S University, Denver	SP7-7882
Conn	Sales Eng Co	Sugar Ln, Newtown	GA6-4434
Del	G W Moller Co	P.O. Box 240, Haddonfield, NJ	HA8-2440
DC	G W Moller Co	P.O. Box 240, Haddonfield, NJ	HA8-2440
Fla	William R Lehmann Co	108 Hillcrest Ave, Orlando, Fla	GA2-9848
Ga	William R Lehmann Co	108 Hillcrest Ave, Orlando, Fla	GA2-9848
Ill	Engineered Sales Co., Inc	4738 N Harlem Ave, Chicago	UN7-8434
Ind	Burton F Hampher Co	4020 Dodge Ave, Fort Wayne	EA4920
Ky	Neal Bear Corp	3435 Streetsboro Rd, West Richfield, Ohio	OL9-3331
Md	G W Moller Co	P.O Box 240, Haddonfield, NJ	HA8-2440
Mass	Sales Eng Co	33 Sudbury Rd, Concord	EM9-3543
Mich	R C Nordstrom & Co	218 Briggs Bldg, Birmingham	JO4-6128
Minn	Fred Peterson Co	2431 Hennepin Ave, Minneapolis 6, Minn	FR7-3025
Mo	Theodore B Lowell	P.O. Box 31, Creve Coeur Sta, St Louis	MI7-1111
NJ	Gus Eichelhardt	64 Mountain Ave, Chatham, NJ	ME5-7237
NJ	G W Moller Co	P.O Box 240, Haddonfield, NJ	HA8-2440
NY	Gus Eichelhardt	64 Mountain Ave, Chatham, NJ	ME5-7237
NY	Robert P Kennedy Co	182 Mayflower Dr, Rochester 18, NY	BR1-6322
NC	The Candor Co	2087 Beach St, Winston-Salem	PA2-1432
ND	Fred Peterson Co	2431 Hennepin Ave, Minneapolis 6, Minn	FR7-3025
Ohio	Neal Bear Corp	3435 Streetsboro Rd, W. Richfield, Ohio	OL9-3331
Pa	G W Moller Co	P O Box 240, Haddonfield, NJ	HA8-2440
Pa	Neal Bear Corp	3435 Streetsboro Rd, W. Richfield, Ohio	OL9-3331
SD	Fred Peterson Co	2431 Hennepin Ave, Minneapolis 6, Minn	FR7-3025
Tex	Ammar & Champion Co	2714 Bomar St, Dallas	FL7-[illegible]
W. Va	Neal Bear Corp	3435 Streetsboro Rd, W. Richfield, Ohio	OL9-3331
	PRECISION METALSMITHS INC	1081 E. 200 St, Cleveland 17, Ohio	IV1-8900
	R Miller #18 *234 E 233		
	PRECISION METHODS INC	142 Fulton Ave. New Hyde Park, NY	
	A Kaiser *30 C 240-1120-1125-1290		
	PRECISION MICROWAVE CORP	Main St, Millis, Mass	DA6-3666
	J Szhoglitz #3 *50 D 25-895-1135-1395		
Conn	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	CR6-6049
Del	J H Electronic Sales Co	P O Box 6844, Towson, Md	VA5-4441
Me	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	CR6-6049
Md	J H Electronic Sales Co	P O Box 6844, Towson	VA5-4441
Mass	Dynamic Devices Inc	11 Albion St. Wakefield	CR6-6049
NH	Dynamic Devices Inc	11 Albion St. Wakefield, Mass	CR6-6049
NJ	J H Electronic Sales Co	P O Box 6844, Towson, Md	VA5-4441
Okla	Allied Components, Inc	2517 Converse St. Dallas, Tex	RI2-2830
Pa	J-H Electronic Sales Co	P O Box 6844, Towson 4, Md	VA5-4441
RI	Dynamic Devices, Inc	11 Albion St. Wakefield, Mass	CR6-6049
Tex	Allied Components Inc	2517 Converse St. Dallas 7	RI2-2830
Vt	Dynamic Devices, Inc	11 Albion St. Wakefield, Mass	CR6-6049
•	**PRECISION PAPER TUBE CO**	2041 W. Charleston St, Chicago 47, Ill	AR6-5200
	W Stahl #3 *200 E 120-715-1290-1990		
Ariz	Hugh C Aiken	304 Aldenville Ave, Covina, Cal	ED2-4693
Cal	Hugh C Aiken	304 Aldenville Ave, Covina, Cal	ED2-4693
Colo	Electrical Specialty Co	2026 Arapahoe St, Denver 5, Colo	CH4-4588
Conn	Walter S Peterson	12 Overbrook Terr, Natick, Mass	OL3-3855
Del	H William Bever	234 Terrace Ave, Jersey City, NJ	SW5-2480
DC	H William Bever	234 Terrace Ave, Jersey City, NJ	SW5-2480
Ind	Henry C Dooo	124 5th St, Logansport, Ind	2575
Me	Walter S Peterson	12 Overbrook Terrace, Natick, Mass	OL3-3855
Md	H William Bever	234 Terrace Ave, Jersey City, NJ	SW5-2480
Mass	Walter S Peterson	12 Overbrook Terr, Natick, Mass	OL3-3855
Mich	John F Kirby, Jr	11120 Riveredge Dr, Parma 29, Ohio	TU6-1221
Mo	Frank W Taylor	9887 Clayton Rd, St. Louis 21, Mo	VI3-9080
Neb	Electrical Specialty Co	2026 Arapahoe St, Denver, Colo	CH4-4588
NH	Walter S Peterson	12 Overbrook Terr, Natick, Mass	OL3-3855
NJ	H William Bever	234 Terrace Ave, Jersey City, NJ	SW5-2480
NY	H William Bever	234 Terrace Ave, Jersey City, NJ	SW5-2480
NY	R P Kennedy	182 Mayflower Dr, Rochester, NY	BR1-6322
Ohio	John F Kirby, Jr	11120 Riveredge Dr, Parma 29	TU6-1221
Ore	Hugh C Aiken	304 Aldenville Ave, Covina, Cal	ED2-4693
Pa	H William Bever	234 Terrace Ave, Jersey City, NJ	SW5-2480
RI	Walter S Peterson	12 Overbrook Terr, Natick, Mass	OL3-3855
Tex	Hugh C Aiken	304 Aldenville Ave, Covina, Cal	ED2-4693
Vt	Walter S Peterson	12 Overbrook Terr, Natick, Mass	OL3-3855
Wash	Hugh C Aiken	304 Aldenville Ave, Covina, Cal	ED2-4693
	PRECISION PRODUCTS CO., INC OF WALTHAM	26 Bedford St, Waltham 54, Mass	
	1690		
•	**PRECISION PRODUCTS DEPT NORTRONICS DIV NORTHROP CORP**	100 Morse St, Norwood, Mass	NO7-5300
	G Russ #104 *994 G 15-35-338-780-1300		
Cal	D H Van Steenwyck	2486 Huntington Dr, San Marino, Cal	AT7-0451
NJ	G W Boehm	Hwy 46, Teterboro, NJ	AT8-1750
	PRECISION RADIATION INSTRUMENTS, INC	5310 S Normandie, L A 54, Cal	PL3-3501
	R Blythe #1 *5 A 895		
Hawaii	Sales Engineering Assoc Inc	1377 Colburn, Honolulu 17, Hawaii	
Foreign	Terminal Radio International Ltd	135 Liberty St, New York 6, NY	WO4-3311
•	**PRECISION RESISTOR CO., INC**	109 US Hwy 22, Hillside, NJ	BI3-3809
	L Wright Jr C 1135-1475-1960		
	PRECISION SCIENTIFIC CO	3737 W. Cortland, Chicago 47, Ill	CA7-2660
	180-250-370-895-1070-1075-1215		
Ala	R G Mullins	4101 San Jacinto St, Houston 4, Tex	JA4-2386
Ariz	M M Swartz	9 1st St, San Francisco 5, Cal	EX7-5661
Ark	R G Mullins	4101 San Jacinto St, Houston 4, Tex	JA4-2386
Cal	M M Swartz	9 1st St, San Francisco 5, Cal	EX7-5661
Colo	M M Swartz	9 1st St, San Francisco 5, Cal	EX7-5661
Conn	W G Kells	2000 Morris Ave, Union, NJ	MU6-9392
Del	W H Dickson	211 Ford Rd, Bala Cynwyd, Pa	MO4-7528

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
DC	W H Dickson	211 Ford Rd, Bala Cynwyd, Pa	MO4-752[illegible]
Fla	R G Mullins	4101 San Jacinto St, Houston 4, Tex	JA4-238[illegible]
Ga	R G Mullins	4101 San Jacinto St, Houston 4, Tex	JA4-238[illegible]
Idaho	M M Swartz	9 1st St, San Francisco 5, Cal	EX7-56[illegible]
La	R G Mullins	4101 San Jacinto St, Houston 4, Tex	JA4-238[illegible]
Me	W G Kells	2000 Morris Ave, Union, NJ	MU6-939[illegible]
Md	W H Dickson	211 Ford Rd, Bala Cynwyd, Pa	MO4-752[illegible]
Mass	W G Kells	2000 Morris Ave, Union, NJ	MU6-939[illegible]
Mich	J E Corrigan	13417 Cedar Rd, Cleveland 6, Ohio	FA1-277[illegible]
Miss	R G Mullins	4101 San Jacinto St, Houston 4, Tex	JA4-238[illegible]
Mont	M M Swartz	9 1st St, San Francisco 5, Cal	EX7-56[illegible]
Nev	M M Swartz	9 1st St, San Francisco 5, Cal	EX7-56[illegible]
NH	W G Kells	2000 Morris Ave, Union, NJ	MU6-939[illegible]
NJ	W G Kells	2000 Morris Ave, Union, NJ	MU6-939[illegible]
NJ	W H Dickson	211 Ford Rd, Bala Cynwyd, Pa	MO4-752[illegible]
NM	M M Swartz	9 1st St, San Francisco 5, Cal	EX7-5661
NY	W G Kells	2000 Morris Ave, Union, NJ	MU6-939[illegible]
NC	W H Dickson	211 Ford Rd, Bala Cynwyd, Pa	MO4-752[illegible]
Ohio	J E Corrigan	13417 Cedar Rd, Cleveland 6, Ohio	FA1-277[illegible]
Okla	R G Mullins	4101 San Jacinto St, Houston 4, Tex	JA4-238[illegible]
Ore	M M Swartz	9 1st St, San Francisco 5, Cal	EX7-5661
Pa	W H Dickson	211 Ford Rd, Bala Cynwyd, Pa	MO4-752[illegible]
Pa	J E Corrigan	13417 Cedar Rd, Cleveland 6, Ohio	FA1-277[illegible]
RI	W G Kells	2000 Morris Ave, Union, NJ	MU6-939[illegible]
SC	W H Dickson	211 Ford Rd, Bala Cynwyd, Pa	MO4-752[illegible]
Tex	R G Mullins	4101 San Jacinto St, Houston 4, Tex	JA4-238[illegible]
Utah	M M Swartz	9 1st St, San Francisco 5, Cal	EX7-5661
Vt	W G Kells	2000 Morris Ave, Union, NJ	MU6-939[illegible]
Va	W H Dickson	211 Ford Rd, Bala Cynwyd, Pa	MO4-752[illegible]
Wash	M M Swartz	9 1st St, San Francisco 5, Cal	EX7-5661
W. Va	J E Corrigan	13417 Cedar Rd, Cleveland 6, Ohio	FA1-2772
Wyo	M M Swartz	9 1st St, San Francisco 5, Cal	EX7-5661
	PRECISION SPECIALTIES INC	Delsea Dr, Pitman, NJ	LU9-0015
	338-1750		
Cal	Wesnep Corp	2022 S. Sepulveda Blvd, Los Angeles	BR2-3757
Conn	Arthur H Menkin	43 Theodore Fremd Ave, Rye, NY	WO7-5065
Del	Charles E Babcock Co	400 Huntington Dr, Wayne, Pa	MU8-8288
DC	Charles E Babcock Co	400 Huntington Dr, Wayne, Pa	MU8-8288
Ill	Motion Control Co	917 Chestnut Ave, Wilmette, Ill	AL1-3396
Md	Charles E Babcock Co	400 Huntington Dr, Wayne, Pa	MU8-8288
Mass	Arthur H Menkin	43 Theodore Fremd Ave, Rye, NY	WO7-5065
Mich	Motion Control Co	917 Chestnut Ave, Wilmette, Ill	AL1-3396
Mo	Precision Specialties Inc	1342 E. 58th St, Kansas City, Mo	EM1-1619
NJ	N Arthur N Menkin	43 Theodore Fremd, Rye, NY	WO7-5065
NY	Arthur H Menkin	43 Theodore Fremd, Rye, NY	WO7-5065
Pa	E Charles E Babcock Co	400 Huntington Dr, Wayne, Pa	MU8-8288
Va	Charles E Babcock Co	400 Huntington Dr, Wayne, Pa	MU8-8288
Wash	Wesnep Corp	2022 S. Sepulveda Blvd, Los Angeles	BR2-3757
Wisc	Motion Control Co	917 Chestnut Ave, Wilmette, Ill	AL1-3396
	PRECISION THERMOMETER & INSTRUMENT CO	1434 Brandywine St, Philadelphia 30, Pa	LO3-6671
	C Halpern #5 *100 D 360-895-1100-1460-1735		
Ala	Measure-Trol Co	PO Box 13544, Sta K, Atlanta, Ga	
Ariz	Delta Instrument Co	1012 Montana Ave, El Paso, Tex	KE3-0013
Cal	Gene D Pribble Co	3106 W. Beverly Blvd, Montebello, Cal	RA3-5801
Cal	Paul W Beggs & Son	314 7th St, San Francisco, Cal	UN1-6643
Conn	R S Lee Co., Inc	P.O. Box 73, Newton Highlands 61, Mass	DE2-6787
Del	Precision Thermometer & Inst Co	1434 Brandywine St, Philadelphia 30, Pa	LO3-6671
DC	R A Reitz Jr	2301 N. Charles St, Baltimore 18, Md	PR1-4365
Fla	Gulf Instr Assoc	P O Box 72, Anna Maria	
Ga	Measure-Trol Co	PO Box 13544, Atlanta	
Ill	J B McMahon	332 S. Michigan Ave, Chicago 4, Ill	WA2-1848
Ill	Industrial Process Equipment Co	4903 Delmar, St. Louis 8, Mo	FO7-5244
Ind	J B McMahon	332 S. Michigan Ave, Chicago 4, Ill	WA2-1848
Ind	Myers & Henly Inc	Temple Bar Bldg, Cincinnati 2, Ohio	DU1-7793
Iowa	J B McMahon	332 S. Michigan Ave, Chicago 4, Ill	WA2-1848
Ky	Myers & Henly Inc	Temple Bar Bldg, Cincinnati 2, Ohio	DU1-7793
Ky	Process Inst & Equipment Co	P.O. Box 2775, Charleston 30, W. Va	DI2-2151
La	Williams Equipment Co	P.O. Box 35, Metairie, La	VE5-9417
Me	R S Lee Co., Inc	P.O. Box 73, Newton Highlands, Mass	DE2-6787
Md	R A Reitz Jr	2301 N Charles St, Baltimore 18, Md	PR1-4365
Mass	R S Lee Co., Inc	P.O. Box 73, Newton Highlands, Mass	DE2-6787
Mich	Garrett Burgess Inc	P.O. Box 517, N.W. Sta, Detroit 4, Mich	TE4-5770
Minn	P B Whitacre Co	205 S. Robert St, St. Paul 7, Minn	CA4-5755
Miss	Williams Equipment Co	P.O. Box 35, Metairie, La	VE5-9417
Mo	Industrial Process Equipment Co	4903 Delmar, St. Louis 8, Mo	FO7-5244
Nev	Gene D Pribble Co	3106 W. Beverly Blvd, Montebello, Cal	RA3-5801
NH	R S Lee Co., Inc	P.O. Box 73, Newton Highlands 61, Mass	DE2-6787
	PRECISION TUBE CO., INC	Church Rd & Wissahickon Ave, North Wales, Pa	OX9-4806
	*125 E 195-1885		
Ariz	Hundley Co	3282 Fletcher Dr, Los Angeles 65, Cal	CL5-7111
Cal	Hundley Co	3282 Fletcher Dr, Los Angeles 65, Cal	CL5-7111
Fla	James A Downey Co	2701 Addison Dr, Doraville, Ga	GL7-7387
Ga	James A Downey Co	2701 Addison Dr, Doraville, Ga	GL7-7387
Ill	Otto Bussemus & Co	80 E. Jackson Blvd, Chicago 4, Ill	HA7-0080
Ill	Dolph Boettler Co	6625 Delmar Blvd, St. Louis 5, Mo	PA1-4607
Ind	Otto Bussemus & Co	80 E. Jackson Blvd, Chicago 4, Ill	HA7-0080
Ind	S E Anning Co	822 Delta Ave, Cincinnati 26, Ohio	EA1-2711
Iowa	Otto Bussemus & Co	80 E. Jackson Blvd, Chicago 4, Ill	HA7-0080
Minn	Otto Bussemus & Co	80 E. Jackson Blvd, Chicago 4, Ill	HA7-0080
Mo	Dolph Boettler Co	561 Melville, St Louis 30	PA1-4607
NC	James A Downey Co	2701 Addison Dr, Doraville, Ga	GL7-7387
Ohio	Frank H Grace & Co	2080 Lee Rd, Cleveland 18	FA1-2045
Ohio	S E Anning Co	822 Delta Ave, Cincinnati 26, Ohio	EA1-2711
Okla	Max Daggett, Jr	P O Box 35152, Dallas 35, Tex	FL7-1266
Ore	Vince E Johnson Co	2614 E. 66th St, Seattle 15, Wash	LA4-4595
SC	James A Downey Co	2701 Addison Dr, Doraville, Ga	GL7-7387
Tex	Max Daggett, Jr	P O Box 35152, Dallas 35	FL7-1266
Va	Electronic Specialties Co	P O Box 5516, Washington 16, DC	WH5-1512
Wash	Vince E Johnson Co	2614 E. 66th St, Seattle 15, Wash	LA4-4595
W Va	Electronic Specialties Co	P O Box 5516, Washington 16, DC	WH6-1512
Wisc	Otto Bussemus & Co	80 E. Jackson Blvd, Chicago 4, Ill	HA7-0080
Can	Canadian Research Institute	85 Curlew Dr, Don Mills, Ont	HI7-5561
Foreign	Joseph F Rizzo & Co	350 Fifth Ave, New York, NY	PE6-0398

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	PREIS ENGRAVING MACH CO., H P	**651 US Hwy 22, Hillside, NJ**	**MU6-7736**
	#2 *20 B 1075		
	Tom Quist Machinery Co	3025 Santa Fe Ave, Los Angeles, Cal	LU9-6551
	Tom Quist Machinery Co	3025 Santa Fe Ave, Los Angeles, Cal	LU9-6551
	United Tool & Material Co	307 University Bldg, Denver, Colo	AC2-6831
	Holley-Edwards Sales Inc	1731 E. Adams St, S., Jacksonville, Fla	EL5-1671
	Howarth Machine Tool Sales	1101 E 25th St. Hialeah	
	Mair Machinery Sales Co	9105 S Main St. Plymouth	
	H Leach Machinery Co	387 Charles St. Providence	
	PREMAX PRODUCTS DIV CHISHOLM-RYDER CO., INC.	**Highland & College Aves, Niagara Falls 2, NY**	**BU5-9186**
	B Mitchell *150 D 45-1170-1410-1495		
	Morris F Taylor Co	9431 Georgia Ave, Silver Springs, Md	JU9-4002
ska	Roger M Minthorne Co	6073S. W. Taylors Ferry Rd, Portland 19, Ore	CH6-4556
	Shaffer-Kahn Co	2017 N 7th St. Phoenix	AL8-7893
	Ernest L Wilks	1212 Camp St, Dallas 2, Tex	RI7-2637
	Henry J Hamm & Associates	6304 W 79th St. Los Angeles 45	OR1-3346
	Belchambers & French	1485 Bayshore Blvd. San Francisco 24	JU6-8696
o	Gordon Moss Electronics, Inc	1530 13th Ave. Greeley	EL3-1452
n	W B Pray Sales	44 Washington St. Wellesley Hills 81, Mass	CE5-3199
	S K MacDonald, Inc	1531 Spruce St. Philadelphia 2, Pa	KI5-1205
	S K MacDonald, Inc	1531 Spruce St. Philadelphia 2, Pa	KI5-1205
	Morris F Taylor Co	9431 Georgia Ave, Silver Springs, Md	JU9-4002
	Morris F Taylor Co	9431 Georgia Ave, Silver Springs, Md	JU9-4002
h	Gordon Moss Electronics, Inc	1530 13th Ave. Greeley, Colo	EL3-1452
	Lund-Hansen Co	911 Michigan, Willamette, Ill	AL1-4100
	F C Somers & Co	17th & Main St. Kansas City 8, Mo	GR1-1355
l	F C Somers & Co	17th & Main St. Kansas City 8, Mo	GR1-1355
	Walter J Brauer	15631 Lakewood Hgts Blvd, Cleve, O	LA1-7268
	Ernest L Wilks	1212 Camp St, Dallas 2, Tex	RI7-2637
	W B Pray Sales	44 Washington St. Wellesley Hills 81, Mass	CE5-3199
	S K MacDonald, Inc	1531 Spruce St. Philadelphia 2, Pa	KI5-1205
ss	W B Pray Sales	44 Washington St. Wellesley Hills 81	CE5-3199
ch	Lawrence F Zaffina Co	7351 Gratiot Ave. Detroit 13	WA1-2685
ss	L R Massey Co	304 E Jefferson St. Greenwood	GR3-3038
	F C Somers & Co	17th & Main St. Kansas City 8	GR1-1355
nt	Roger M Minthorne Co	0673 SW Taylor's Ferry Rd. Portland 19, Ore	CH6-4556
nt	Gordon Moss Electronics, Inc	1530 13th Ave. Greeley, Colo	EL3-1452
b	F C Somers & Co	17th & Main St. Kansas City 8, Mo	GR1-1355
v	Henry J Hamm & Associates	6304 W 79th St. Los Angeles 45, Cal	OR1-3346
	W B Pray Sales	44 Washington St. Wellesley Hills 81, Mass	CE5-3199
	S K MacDonald, Inc	1531 Spruce St. Philadelphia 2, Pa	KI5-1205
	Willgold Electronics Sales Corp	100 N Village Ave. Rockville Centre, NY	4-4022
l	Shaffer-Kahn Co	2017 N 7th St. Phoenix, Ariz	AL8-7893
f	James C Schnitter	109 Easton Ave, Buffalo 15	TX2-6551
f	Willgold Electronics Sales Corp	100 N Village Ave. Rockville Centre	4-4022
C	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
io	Walter J Brauer	15631 Lakewood Hgts Blvd, Cleveland	LA1-7268
kla	Ernest L Wilks	1212 Camp St, Dallas 2, Tex	RI7-2637
e	Roger M Minthorne Co	6073 S. W. Taylors Ferry Rd, Portland 19, Ore	CH6-4556
	S K MacDonald, Inc	1531 Spruce St. Philadelphia 2	KI5-1205
	W B Pray Sales	44 Washington St. Wellesley Hills 81, Mass	CE5-3199
C	Morris F Taylor Co	9431 Georgia Ave, Silver Springs, Md	JU9-4002
nn	L R Massey Co	304 E Jefferson St. Greenwood, Miss	GL3-3038
nn	Morris F Taylor Co	9431 Georgia Ave. Silver Springs, Md	JU9-4002
ex	Ernest L Wilks	1212 Camp St, Dallas 2, Tex	RI7-2637
tah	Gordon Moss Electronics, Inc	1530 13th Ave. Greeley, Colo	EL3-1452
t	W B Pray Sales	44 Washington St. Wellesley Hills 81, Mass	CE5-3199
a	S K Macdonald	1531 Spruce St. Philadelphia 2, Pa	KI5-1205
ash	Roger M Minthorne Co	6073S. W. Taylors Ferry Rd, Portland 19, Ore	CH6-4556
Va	S K MacDonald, Inc	1531 Spruce St. Philadelphia 2, Pa	KI5-1205
isc	Lund-Hansen Co	911 Michigan, Willamette, Ill	AL1-4100
yo	Gordon Moss Electronics, Inc	1530 13th Ave. Greeley, Colo	EL3-1452
oreign	M Simons & Co	25 Warren St, New York 7, NY	BA7-5513
	PREMIER METAL PRODUCTS CO	**337 Manida St, Bronx 59, NY**	**WY1-6600**
	H Miller *50 E 55-180-230-260-765-865-1245-1390		
la	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
las	Samuel N Stroum Co	1612 Broadway, Seattle 22, Wash	PA3-7310
riz	Ralph S Stevenson	2045 Walker Ln, Salt Lake City 17, Utah	CR7-2515
rk	Packard Associates	404 Love Field, Dallas 35, Tex	FL7-6713
Cal	Lebell-Warren	1667 Laurel St, San Carlos, Cal	SU1-3461
Cal	Al J Rissi	8417 E. Las Tunas Dr, San Gabriel, Cal	AT6-1476
Colo	Gates & Co	200 S. Main St, Salt Lake City 1, Utah	EL9-1101
Colo	Ralph S Stevenson	2045 Walker Ln, Salt Lake City 17, Utah	CR7-2515
Conn	Henry Lavin Associates Inc	P.O.Box 196, Meriden, Conn	BE7-6527
Del	M Leff Sales	11 Peppermint Ln, Levittown, NJ	TR7-4040
Del	Eberle-Schaar Co	425 Stratford Rd, Baltimore 28, Md	RI7-3227
DC	M Leff Sales	11 Peppermint Ln, Levittown, NJ	TR7-4040
DC	Eberle-Schaar Co	425 Stratford Rd, Baltimore 28, Md	RI7-3227
Fla	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
Ga	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
Idaho	Ralph S Stevenson	2045 Walker Ln, Salt Lake City 17, Utah	CR7-2515
Ill	Saffro & Associates	5209 N. Kimball Ave, Chicago 25, Ill	JU8-0905
Ill	Gettleman & Litteken Co	5209 N. Kimball Ave, Chicago 25, Ill	JU8-0030
Ill	Kay Sales Co	2600 Grand Ave, Kansas City 8, Mo	BA1-6733
Ind	Delta Sales Inc	2136 E. 52nd St, Indianapolis, Ind	CL1-3564
Iowa	Kay Sales Co	2600 Grand Ave, Kansas City 8, Mo	BA1-6733
Kan	Kay Sales Co	2600 Grand Ave, Kansas City 8, Mo	BA1-6733
Ky	Delta Sales Co	2136 E. 52nd St, Indianapolis, Ind	CL1-3564
La	Earl K Moore Co	5864 Louisville St, New Orleans 24, La	HU8-2407
Me	Henry Lavin Associates Inc	P.O.Box 196, Meriden, Conn	BE7-6527
Md	M Leff Sales	11 Peppermint Ln, Levittown, NJ	TR7-4040
Md	Eberle-Schaar Co	425 Stratford Rd, Baltimore 28, Md	RI7-3227
Mass	Henry Lavin Associates Inc	P.O.Box 196, Meriden, Conn	BE7-6527
Mich	Shalco Inc	23525 Woodward Ave, Ferndale, Mich	LI7-4771
Miss	Earl K Moore Co	5864 Louisville St, New Orleans 24, La	
Mo	Kay Sales Co	2600 Grand Ave, Kansas City 8, Mo	BA1-6733
Mont	Ralph S Stevenson	2045 Walker Ln, Salt Lake City 17, Utah	CR7-2515
Neb	Kay Sales Co	2600 Grand Ave, Kansas City 8, Mo	BA1-6733
Neb	Lebell-Warren	1667 Laurel St, San Carlos, Cal	SU1-3461
Nev	Al J Rissi	8417 E. Las Tunas Dr, San Gabriel, Cal	AT6-1476
NH	Henry Lavin Associates	P.O.Box 196, Meriden, Conn	BE7-6527
NJ	David Sonkin Associates	10 Fiske Pl, Mt. Vernon, NY	MO8-8809
NJ	Arthur Harris Inc	42-34 193rd St, Flushing 54, NY	FL7-7350
NM	Gates & Co	Albuquerque, NM	CH3-2010

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
NM	Ralph S Stevenson	2045 Walker Ln, Salt Lake City 17, Utah	CR7-2515
NY	David Sonkin Associates	10 Fiske Pl, Mt. Vernon, NY	MO8-8809
NY	Arthur Harris Inc	42-34 193rd St, Flushing 54, NY	FL7-7350
NY	Art Cerf & Co	Kenmore, NY	TR3-1643
NY	Martin P Andrews Co	319 Mott Rd, Fayetteville, NY	NE7-6405
NC	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
Ohio	John O Olsen Co	16201 Shaker Blvd, Cleveland 20, Ohio	SK2-6444
Okla	Packard Associates	404 Love Field, Dallas 35, Tex	FL7-6713
Ore	Samuel N Stroum Co	1612 Broadway, Seattle 22, Wash	PA3-7310
Pa	M Leff Sales	11 Peppermint Ln, Levittown, NJ	TR7-4040
Pa	Art Cerf & Co	Easton, Pa	BL2-6373
Pa	John O Olsen Co	Pittsburgh, Pa	FI1-8391
RI	Henry Lavin Associates Inc	P.O. Box 196, Meriden, Conn	BE7-6527
SC	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
Tenn	Atcheson & Adams	Nashville, Tenn	TU3-2429
Tex	Packard Associates	404 Love Field, Dallas 35, Tex	FL7-6713
Utah	Gates & Co	200 S. Main St, Salt Lake City 1, Utah	EL9-1101
Utah	Ralph S Stevenson	2045 Walker Ln, Salt Lake City 17, Utah	CR7-2515
Vt	Henry Lavin Associates Inc	P.O.Box 196, Meriden, Conn	BE7-6527
Va	M Leff Sales	11 Peppermint Ln, Levittown, NJ	TR7-4040
Va	Eberle-Schaar Co	425 Stratford Rd, Baltimore 28, Md	RI7-3227
Wash	Samuel N Stroum Co	1612 Broadway, Seattle 22, Wash	PA3-7310
W. Va	John O Olsen Co	16201 Shaker Blvd, Cleveland 20, Ohio	SK2-6444
Wisc	Saffro & Associates	5209 N. Kimball Ave, Chicago 25, Ill	JU8-0905
Wisc	Gettleman & Litteken Co	5209 N. Kimball Ave, Chicago 25, Ill	JU8-0030
Wyo	Ralph S Stevenson	2045 Walker Ln, Salt Lake City 17, Utah	CR7-2515
Foreign	Emec	127 Grace St, Plainview, NY	WE1-3700
•	**PREMIER MICROWAVE CORP**	**33 New Broad St. Port Chester, NY**	**WE9-8900**
	M Shifrin #40 *200 E 1135		
Ala	E C Raymund & Assoc	Box 225, Huntsville	JE6-5179
Cal	L A Nott & Co	1061 Howard St, San Francisco 3, Cal	HE1-4738
Cal	Shephard-Winters Co	3193 Cahuenga Blvd. Hollywood 28	HO6-2171
Colo	Landes Zachary & Peterson Co	601 S. Jason, Denver 23, Colo	SH4-1311
Fla	E C Raymund & Assoc. Inc	Box 656, Maitland	MI7-7830
Fla	E C Raymund & Assoc. Inc	Box 8215, St. Petersburg 8	WA1-9735
Ga	E C Raymund & Assoc. Inc	Drawer 150, Decatur	378-7516
Ill	P G M Component Sales Inc	2842 N. Sheridan Rd. Chicago 14	BU1-2112
Kan	Maury E Bettis Co	423 N. Fountain, Wichita	MU5-7441
Mass	Wayne B Palioca Inc	110 Great Rd. Bedford	CR4-9177
Mo	Maury E Bettis Co	3706 Broadway, KC 11	LO1-0772
Mo	Maury E Bettis Co	8676 Kathryn Dr. St. Louis	HA9-2099
NJ	Jack Moore	555 Winchester Ave, Union, NJ	EL5-0474
NM	R E McClendon Co	915 Yale Blvd, S.E., Albuquerque, NM	CH3-4551
NY	Bowmar & Sabatky	2010 Sheridan Dr, Kenmore 23, NY	DE0484
NY	H A F Assoc	430 E. 86th St. NY 21	RE7-5850
NC	E C Raymund & Assoc. Inc	5412 Hilltop Circle, Charlotte	596-1883
Ohio	Bick Associates	330 Salem Ave, Dayton 6, Ohio	CR4-1343
Pa	Earl H Moore	6101 Joshua Rd, Whitemarsh, Pa	CH7-7122
Tex	R E McClendon Co	137 Walnut Hill Village, Dallas 20, Tex	FL2-4954
Can	J J MacQuarrie Sales	167 College St. Toronto 2B, Ont	WA1-2493
For	Ad Auriema Inc	85 Broad St. NY 4, NY	BO9-7750
	PREMIER RESEARCH LABS INC	**83 Seventh Ave, New York 11, NY**	**AL5-0700**
	M Proelsdorfer #4 *34 C 410-415-1215		
	PRESIN CO. INC	**2014 Broadway, Santa Monica, Cal**	**EX3-9738**
	M Teichman #1 *15 D 220-360-895		
Ariz	Tucci Engineering	5600 Glenford St. Los Angeles 8, Cal	AX4-8103
Cal	Tucci Engineering	5600 Glenford St. Los Angeles 8	AX4-8103
Conn	Michael S Coldwell Inc	289 Fairfield Ave. Hartford	JA2-5832
DC	Leo T McCourt & Son	610 Washington Ave. Towson, Md	VA3-3455
Ill	Holdsworth & Co	P.O.Box 71, Lansdowne, Pa	
Ill	Holdsworth & Co	426 S. Springfield Rd, Clifton Hgts, Pa	MA6-8300
Ind	Holdsworth & Co	P.O.Box 71, Lansdowne, Pa	
Ind	Holdsworth & Co	426 S. Springfield Rd, Clifton Hgts, Pa	MA6-8300
Ind	Owen Engineering Co	4142 Newland Dr. W, Orchard Lake, Mich	KE8-1120
Me	Michael S Coldwell Inc	289 Fairfield Ave, Hartford, Conn	JA2-5832
Md	Leo T McCourt & Son	610 Washington Ave. Towson	VA3-3455
Mass	Michael S Coldwell Inc	289 Fairfield Ave, Hartford, Conn	JA2-5832
Mich	Owen Engineering Co	4142 Newland Dr. W, Orchard Lake	KE8-1120
Minn	Northport Engineering, Inc	1729 Selby Ave. St Paul 4	MI6-2621
Nev	Tucci Engineering	5600 Glenford St. Los Angeles 8, Cal	AX4-8103
NH	Michael S Coldwell Inc	289 Fairfield Ave, Hartford, Conn	JA2-5832
NJ	Holdsworth & Co	Box 71, Lansdowne, Pa	
NJ	Holdsworth & Co	426 S. Springfield Rd, Clifton Hgts, Pa	MA6-8300
NJ	Rever Assoc	600 Old Country Rd. Garden City, NY	PI1-3811
NY	Rever Assoc	600 Old Country Rd. Garden City	PI1-3811
NY	J B Lightstone Eng Reps	515 Comstock Ave. Syracuse 10	GR5-6704
NY	John B Lightstone	515 Comstock Ave, Syracuse 10, NY	GR5-6704
ND	Northport Engineering, Inc	1729 Selby Ave. St Paul 4, Minn	MI6-2621
Ohio	S Sterling Co	15310 W McNichols Rd. Detroit 35, Mich	BR3-2900
Ohio	Owen Engineering Co	4142 Newland Dr. W, Orchard Lake, Mich	KE8-1120
Ohio	Kilroy-Whelan Corp	10 N Main St. Chagrin Falls	CH7-4032
Pa	Holdsworth & Co	Box 71, Lansdowne, Pa	
Pa	Holdsworth & Co	426 S. Springfield Rd, Clifton Hgts, Pa	MA6-8300
Pa	S Sterling Co	15310 W McNichols Rd. Detroit 35, Mich	BR3-2900
RI	Michael S Coldwell Inc	289 Fairfield Ave, Hartford, Conn	JA2-5832
SD	Northport Engineering, Inc	1729 Selby Ave. St Paul 4, Minn	MI6-2621
Vt	Michael S Coldwell Inc	289 Fairfield Ave, Hartford, Conn	JA2-5832
Va	Leo T McCourt & Son	610 Washington Ave. Towson, Md	VA3-3455
Wis	Northport Engineering, Inc	1729 Selby Ave. St Paul 4, Minn	MI6-2621
	PRESTOLE CORP., THE	**1345 Miami St, Toledo, Ohio**	**OX1-2465**
	P Bernivilla #6 *150 E 285-645		
Ala	Peirson-Deakins & McGinness	3806 Tennessee Ave. Chattanooga, Tenn	AM6-6321
Ariz	Bobb Ladd Associates	P O Box 1052, Phoenix	
Cal	Dean Lewis Associates	4444 Piedmont Ave. Oakland 11	OL4-0613
Cal	Fred F Alleman	1625 Blake Ave, Los Angeles 31, Cal	CA2-8128
Conn	J M Murphy & Co	148 E Center St. Manchester	MI9-2129
Del	W C Sales Representatives	Box 109, Easton, Pa	BL8-3363
Ga	Peirson-Deakins & McGinness	3806 Tennessee Ave, Chattanooga, Tenn	AM6-6321
Ill	Blake Burton	1814 E. Indiana, Wheaton, Ill	MO8-7862
Ill	F H Ring Co., Inc., The	7400 Pershing, St Louis, Mo	VO3-2511
Ind	John Hashek	2216 Brighton Dr. Louisville 5, Ky	GL8-8443
Iowa	Charles D Thomason	347 Park Terr, S.E., Cedar Rapids	EM2-0619
Kan	F H Ring Co., Inc., The	7400 Pershing, St Louis, Mo	VO3-2511
Ky	John Hashek	2216 Brighton Dr, Louisville 5, Ky	GL8-8443

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
La	W P Schoenfield	4407 Northcrest Rd, Dallas 29, Tex	DI6200
Me	J M Murphy & Co	148 E Center St. Manchester, Conn	MI9-2129
Md	W C Sales Representatives	Box 109, Easton, Pa	BL8-3363
Mass	J M Murphy & Co	148 E Center St. Manchester, Conn	MI9-2129
Mich	Prestole Corp	10138 W. McNichols Rd, Detroit 21, Mich	UN4-3139
Mich	E Zahn & Co	3827 Rushland Ave, Toledo 13, Ohio	GR5-2292
Minn	Reliance Sales & Engineering Co	221 14th Ave S, Minneapolis	FE3-2106
Miss	Herron & Co	15 Cinderella Rd, Chattanooga, Tenn	VE1-6783
Mo	F H Ring Co., Inc., The	7400 Pershing, St Louis	VO3-2511
Neb	Charles D Thomason	347 Park Terr SE, Cedar Rapids, Iowa	EM2-0619
NH	J H Murphy & Co	148 E Center St. Manchester, Conn	MI9-2129
NJ	Harry C Stockfleth	2 Warwick Rd. Chatham	FR7-2749
NY	Harry C Stockfleth	2 Warwick Rd. Chatham, NJ	FR7-2749
NY	A J Murphy Co., Inc	109 Kinne Rd, DeWitt 14, NY	GI6-0410
NM	Bobb Ladd Associates	P O Box 1052, Phoenix, Ariz	
ND	Reliance Sales & Engr Co	221 14th Ave S, Minneapolis, Minn	FE3-2306
Ohio	E G Zahn & Co	3827 Rushland Ave. Toledo 13	GR5-2292
Ohio	John Hashek	2216 Brighton Dr. Louisville 5, Ky	
Ohio	Robert Barney	2519 Marmette Dr. Springfield	FA2-4327
Pa	W C Sales Representative	Box 109, Easton	BL8-3353
Pa	Robert Barney	2519 Marmette Dr. Springfield, Ohio	FA2-4327
Pa	Harry Stockfleth	2 Warwick Rd. Chatham, NJ	FR7-2749
RI	J M Murphy & Co	148 E Center St. Manchester, Conn	MI9-2129
SD	Reliance Sales & Engineering Co	221 14th Ave S, Minneapolis	FE3-2306
Tenn	Peirson-Deakins & McGinness	3806 Tennessee Ave. Chattanooga 9	AM6-6321
Tex	W P Schoenfield	4407 Northcrest Rd, Dallas 29, Tex	DI6200
Wis	Blake Burton	15 S Austin Blvd, Chicago 44, Ill	CO1-7515
Wisc	Blake Burton	1814 E. Indiana, Wheaton, Ill	MO8-7862
Canada	Prestole Corp of Canada	20 Racine Rd, Rexdale, Ontario, Canada	CH4-2062
Foreign	Lawrence & Erausquin	1902 Jefferson Ave, Toledo, Ohio	CH1-9121
	PRICE ELECTRIC CORP	**Frederick, Md**	**MO3-5141**
	R Harrent #35 *380 E 1460		
Cal	Transdynamics Inc	4450 Lakeside Dr, Burbank, Cal	VI9-6262
Cal	Transdynamics Inc	44 Encina Ave, Palo Alto, Cal	DA6-6527
Cal	Transdynamics Inc	2866 Fourth Ave, San Diego, Cal	CY8-8215
Colo	Transdynamics Inc	3325 S. Bannock, Englewood, Colo	SU9-1544
Conn	Aerol Associates Inc	821 Park Ave. Bloomfield	CH2-5586
Fla	Aerol Associates, Inc	920 Orange Ave. Winter Park	MI4-0311
Ga	Aerol Associates, Inc	1617 Thompson Ave. East Point	CE7-4566
Ill	R C Whitmore & Associates	520 N. Michigan Ave, Chicago, Ill	MO4-1904
Ind	Joe Murphy	202 Pam Rd, Meridian Meadows, Indpls	VI6-0359
Md	J-H Electronic Sales Co	P. O. Box 6444, Towson, Md	VA5-4441
Mass	Aerol Associates Inc	850 Lexington St, Waltham, Mass	TW4-7650
Mich	Jim Morrow Sales	13149 Hamilton Ave, Highland Park	TO5-7600
Mo	Robert B Stahlhut	12760 Post Oak Rd, St. Louis, Mo	PA5-7793
NJ	Aerol Associates Inc	1180 Raymond Blvd, Newark, NJ	MA3-0336
NM	SEI, Inc., New Mexico	727 Morningside NE, Albuquerque	
NY	Aerol Associates Inc	170 Great Neck Rd, Great Neck, NY	HU7-9650
NY	J V Costello	639 S. Warren St, Syracuse, NY	HA2-0532
Ohio	C A Robinson Co	4143 Mayfield Rd. Cleveland	EV1-9049
Pa	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
Tex	Southwest Electronic Industries	3815 Richmond Ave. Houston	MA3-6775
Tex	Southwest Electronic Industries	Meadows Bldg, Dallas, Tex	EM3-1671
Wash	Transdynamics Inc	1215 Poplar Pl, Seattle, Wash	EA4-0366
Canada	Radio Condenser Co Ltd	6 Bermondsey Rd, Toronto, Canada	PL5-2235
Foreign	Frathom Co., Inc	33 W. 42nd St, New York, NY	BR9-9422
	PRINTLOID INC	**10-04 44th Ave, Long Island City 1, NY**	**EM1-17770**
	J Wodiska #2 *50 D 338-895-1290-1295		
	PRINTRONICS CORP	**3127 El Camino Real, Palo Alto, Cal**	**DA6-7446**
	200-280-615-1075-1305-1475		
Ariz	Samuel O Jewett Co	P.O. Box 172, Scottsdale, Ariz	WH5-9711
Cal	John E Strike	215 Club Dr, San Carlos, Cal	LY1-0737
DC	J J Maguire Co	742 Investment Bldg, Washington 5, DC	NA8-4247
NJ	Donald R Morse	Box 83, Rutherford, NJ	WE3-1159
Ohio	Augey Natalino	Box 644, Stow, Ohio	OV8-3930
	PROBESCOPE CO., INC	**8 Sagamore Hill Dr, Port Washington, NY**	**PO7-4150**
	L Zarrow #4 *25 C 895		
Ariz	Wright Engineering Co	180 E. California, Pasadena, Cal	SY3-5995
Cal	Wright Engineering Co	180 E. California, Pasadena, Cal	SY3-5995
Colo	Industrial Assoc Electronics	119 Richmond S.E., Albuquerque, NM	PR2-2441
DC	Eastern Instrumentation Inc	8616 Georgia Ave. Silver Spring, Md	JO9-0100
Idah	Hawthorne Electronics	700 SE Hawthorne, Portland, Ore	BE4-9375
Md	Eastern Instrumentation, Inc	808 Ingleside Ave. Baltimore 28	RI4-3676
Nev	Wright Engineering Co	180 E. California, Pasadena, Cal	SY305995
NM	Industrial Associates Electronics	119 Richmond St, S.E., Albuquerque, NM	AM8-7744
NY	Tesco Associates	114 Miles Ave, Syracuse, NY	GR2-9262
Okla	Industrial Assoc Elec	Box 8068, El Paso, Tex	PR2-2441
Ore	Hawthorne Electronics	700 SE Hawthorne, Portland	BE4-9375
Pa	Eastern Instrumentation, Inc	820 Homestead Rd. Jenkintown	TU4-7200
Tex	Industrial Associates Electronics	Box 8068, El Paso, Tex	PR2-2441
Wash	Hawthorne Electronics	Boeing Field, Seattle	PA5-1460
Foreign	Casal International	45 E. 51st St, New York 22, NY	PL3-2611
	PROCESS & INSTRUMENTS CORP	**15 Stone Ave, Brooklyn 33, NY**	
	#5 *15 B 360-895-1210		
	PRO-CHEM INC	**1571 Marvin Ave, Cleveland 13, Ohio**	**PR1-0188**
	D Brillhart #2 *5 A 30-265-1290		
	PRODELIN INC	**307 Bergen Ave, Kearny, NJ**	**WY1-6600**
	F Kozelski 25-45-190-345-650-1135-1170		
Ariz	Maydwell & Hartzell Inc	120 S. 29th St. Phoenix	BR5-7644
Cal	Maydwell & Hartzell Inc	870 Tennessee St. SF 7	AT8-6900
Cal	Maydwell & Hartzell Inc	427 W. 5th St. LA 13	MA8-7245
Cal	Maydwell & Hertzell Inc	Box 20011, Buchanan Sta. San Diego 10	CY6-2245
Cal	Prodelin Inc	3464 Falcon, Long Beach	GA4-3723
Fla	Brodie Communications Co	Brandon	TA2-6883
Mo	Prodelin Inc	14859 Phelps Dr. Bridgeton	PE1-5966
Ore	Maydwell & Hartzell Inc	Box 415, Medford	
Ore	Maydwell & Hartzell Inc	2318 N.W. Vaughn St, Portland 10, Ore	
Wash	Maydwell & Hartzell Inc	306 Dexter Ave. Seattle 9	MA4-2368
Wash	Cater Transfer & Storage	121 S. Monroe St. Spokane 8	

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	PRODUCERS SALES	**820 S. Mariposa, Burbank, Cal**	**VI9-6251**
	D Lassiter #7 *104 200		
NY	S O S Cinema Supply Corp	602 W. 52nd St, New York 19, NY	PL7-0440
	PRODUCTS RESEARCH CO	**2919 Empire Ave. Burbank, Cal**	**VI9-3992**
	W Smith *215 E 30-315-900-1290		
Ala	William Dealing	6940 Altama Rd, Jacksonville 11, Fla	RA5-0383
Ala	Glenn Lowry	1660 Johnson Rd, N.E., Atlanta 6, Ga	TR6-8705
Alaska	Fuller Paint & Glass Co	Box 879, Anchorage, Alaska	
Ariz	R J Sherr	308 Countryside Dr, Irving, Tex	BL3-4207
Ark	J Sheppe	3400 Roth Rd, Fort Worth, Tex	AT4-5893
Cal	J Blaine Eustice	1891 Randall Rd, San Mateo, Cal	FI1-2807
Colo	Bennett & Associates	2920 W. 17th St, Denver 4, Colo	MA3-0913
Conn	William Breyeur	13 Berkeley Rd, Framingham Center, Mass	HA6-4760
Del	Products Research Co	410 Jersey Ave, Gloucester City, NJ	GL6-5700
DC	Products Research Co	410 Jersey Ave, Gloucester City, NJ	GL6-5700
Fla	William Dealing	6940 Altama Rd, Jacksonville 11, Fla	RA5-0383
Ga	William Dealing	6940 Altama Rd, Jacksonville 11, Fla	RA5-0383
Ga	Glenn Lowry	1660 Johnson Rd, N.E., Atlanta 6, Ga	TR6-8705
Haw	Walden Industrial Rubber, Inc	179 Sand Island Access Rd, Honolulu	814-618
Idaho	Products Research Co	1731 First Ave, S., Seattle, Wash	MU2-6396
Ill	A L Norton	278 Woodland Dr, Barrington, Ill	DU1-5678
Ind	W C Rench	Rural Rt 10, Box 496J, Indianapolis, Ind	ME4-4541
Iowa	A L Norton	278 Woodland Dr, Barrington, Ill	DU1-5678
Kan	Schmidt Co	455 S. Washington, Wichita, Kan	HO4-0391
Ky	W C Rench	Rural Rt 10, Box 496J, Indianapolis, Ind	ME4-4541
La	R J Sherr	308 Countryside Dr, Irving, Tex	BL3-4207
Me	William Breyeur	13 Berkeley Rd, Framingham Center, Mass	HA6-4760
Md	Products Research Co	410 Jersey Ave, Gloucester City, NJ	GL6-5700
Mass	William Breyeur	13 Berkeley Rd, Framingham Center, Mass	HA6-4760
Mich	J R Monk	18505 W. 8 Mile Rd, Detroit 19, Mich	KE5-0535
Minn	A L Norton	278 Woodland Dr, Barrington, Ill	DU1-5678
Miss	R J Sherr	308 Countryside Dr, Irving, Tex	BL3-4207
Mo	Schmidt Co	455 S. Washington, Wichita, Kan	HO4-0391
Mo	A L Norton	278 Woodland Dr, Barrington, Ill	DU1-5678
Mont	Products Research Co	1731 First Ave, S., Seattle 4, Wash	MU2-6396
Neb	A L Norton	278 Woodland Dr, Barrington, Ill	DU1-5678
NH	William Breyeur	13 Berkeley Rd, Framingham Center, Mass	HA6-4760
NJ	Richard Ely	Box 174, Nutley, NJ	NU2-3718
NJ	Products Research Co	410 Jersey Ave, Gloucester City, NJ	GL6-5700
NY	Richard Ely	Box 174, Nutley, NJ	NU2-3718
NC	William Dealing	6940 Altama Rd, Jacksonville 11, Fla	RA5-0383
NC	Glenn Lowry	1660 Johnson Rd, N.E., Atlanta 6, Ga	TR6-8705
ND	A L Norton	278 Woodland Dr, Biltmore, Ill	DU1-5678
Ohio	J R Monk	18505 W. 8 Mile Rd, Detroit 19, Mich	KE5-0535
Ohio	W C Rench	Rural Rt 10, Box 96 J, Indpls, Ind	ME4-4541
Okla	Schmidt Co	455 S. Washington, Wichita, Kan	HO4-0391
Ore	Products Research Co	1731 First Ave, S., Seattle 4, Wash	MU2-6396
Pa	Products Research Co	410 Jersey Ave, Gloucester City, NJ	GL6-5700
RI	William Breyeur	13 Berkeley Rd, Framingham Center, Mass	HA6-4760
SC	William Dealing	6940 Altama Rd, Jacksonville 11, Fla	RA5-0383
SC	Glenn Lowry	1660 Johnson Rd, N.E., Atlanta 6, Ga	TR6-8705
SD	A L Norton	278 Woodland Dr, Biltmore, Ill	DU1-5678
Tenn	Glenn Lowry	1660 Johnson Rd, N.E., Atlanta 6, Ga	TR6-8705
Tex	R J Sherr	308 Countryside Dr, Irving	BL3-4207
Utah	Bennett & Associates	2920 W. 17th St, Denver 4, Colo	MA3-0913
Vt	William Breyeur	13 Berkeley Rd, Framingham Center, Mass	HA6-4760
Va	Products Research Co	410 Jersey Ave, Gloucester City, NJ	GL6-5700
Wash	Products Research Co	1731 First Ave, S., Seattle 4, Wash	MU2-6396
W. Va	Products Research Co	410 Jersey Ave, Gloucester City, NJ	GL6-5700
Wisc	A L Norton	278 Woodland Dr, Barrington, Ill	DU1-5678
Wyo	Bennett & Associates	2920 W. 17th St, Denver 4, Colo	MA3-0913
	PROFESSIONAL ELECTRONIC ENG. RESEARCH INC	**2624 Shelby Ave. Dallas 10, Tex**	**LA6-8353**
	#3 *5 A		
	PROFILE ELECTRONICS, INC	**6 Bridge St. Concord, NH**	**CA4-1232**
	A Wright #1 *14 A 320		
Mass	D & P Engineering	159 Jewett St, Georgetown	FL2-6621
	PROTECTIVE CLOSURES CO., INC., CAPLUGS DIV	**2207 Elmwood Ave, Buffalo 23, NY**	**BE9855**
	E Dormeyer #5 *90 E 315-590		
Cal	Eric Dudley Co	5806 W. Washington Blvd, LA 16, Cal	
Colo	Plastocrafts, Inc	2806 N. Speer Blvd, Denver 11, Colo	
Fla	Halley - Edwards Sales	1738 E. Adams St, Jacksonville, Fla	
Ill	Arthur J. Ellis Co	1807 Howard St, Chicago, Ill	
Iowa	Frank R. Johnston Co	853 - 42nd St, Des Moines, Iowa	
Mich	Gillespie Sales Engineering	3057 Lake Dr, S.E., Grand Rapids, Mich	GL4-9811
Mich	Van Geethem & Assoc	21425 Mack Ave, St. Clair Shores, Mich	
Minn	Vincent Brass, Aluminum Co	124 - 12th Ave S., Minneapolis, Minn	
Mo	Tinker & Co	10630 Twilight Dr, St. Louis 23, Mo	VI3-9095
NJ	Ziek Engineering Co	110 Monmouth St, Gloucester City, NJ	
NJ	Jesco, Inc	1061 Linden Ave, Ridgefield, NJ	
NY	Beach Plastics, Inc	799 Powers Building, Rochester, NY	
NC	Henley Paper Co	P.O. Box 3187, Charlotte, NC	FR5-3729
Ohio	The Pappas Co	13405 St. Clair Ave, Cleveland, Ohio	
Pa	Speck - Marshall Co	P.O. Box 133, McKees Rocks, Pa	
W. Va	American Packaging Co	420 East St, Parkersburg, W. Va	GA2-5322
Canada	Dorsettes of Canada, Inc	95 Kipling Ave S, Toronto, Ont	
	PROTECTIVE COATINGS CORP	**596 River Rd, Clifton, NJ**	
	1220		
	PROTOTYPE TRANSFORMER CORP	**1 Henry St, Bloomfield, NJ**	**PI8-8800**
	N Geyser #3 *63 C 320-1135-1340-1855-1860		
Colo	Ruehle Sales Co	455 S Leyden St, Denver	DU8-3125
Conn	Frank Walter Sales Co	330 Woodlawn St, W. Hartford, Conn	AD2-0119
Mass	Tekis Assoc. of New England	30 Chestnut St, Somerville 44	
Pa	W R Griffin Sales Co	Fidelity Bldg, Spring House	MI6-8383
Tex	George Weinreich & Assoc	11594 E Northwest Hwy, Dallas 18	DA1-2940
	PULSE ENGINEERING INC	**560 Robert Ave, Santa Clara, Cal**	**CH8-6848**
	#10 *110 D 320-670-1135-1145-1200-1420-1855		
Ariz	Perwalden-Dailey Associates	7311 Van Nuys Blvd, Van Nuys, Cal	ST2-4920
Cal	Perwalden-Dailey Associates	7311 Van Nuys Blvd, Van Nuys, Cal	ST2-4920
Cal	Perwalden-Dailey Associates	900 Pearl St, San Carlos, Cal	FI5-2563
Conn	R H Sturdy Co	103 Morse St, Newton 58, Mass	WA6-3908
DC	Biechler Associates	P.O. Box 38, Millersville, Pa	TR2-7632
Fla	R H Sturdy Co	P.O. Box 1372, Melbourne, Fla	PA3-2991
Me	R H Sturdy Co	103 Morse St, Newton 58, Mass	
Md	Biechler Associates	P.O. Box 38, Millersville, Pa	TR2-7632
Mass	R H Sturdy Co	103 Morse St, Newton 58, Mass	
NH	R H Sturdy Co	103 Morse St, Newton 58, Mass	
NJ	B B Taylor Corp	2270 Grand Ave, Baldwin, NY	BA3-8000
NY	B B Taylor Corp	2270 Grand Ave, Baldwin, NY	BA3-8000
NY	E A Ossmann & Associates	830 Linden Ave, Rochester 10, NY	LU6-4940
Pa	Biechler Associates	P.O. Box 38, Millersville, Pa	TR2-7632
Vt	R H Sturdy Co	103 Morse St, Newton 58, Mass	
Va	Biechler Associates	P.O. Box 38, Millersville, Pa	TR2-7632
	PULSE TECHNIQUES INC	**1411 Palisade Ave, West Englewood, NJ**	**TE7-2575**
	670-895		
	PURE CARBON CO	**Wellsville St, St. Marys, Pa**	**TE4-1573**
	J Clark #11 *500 F 160-175-700-1545		
Cal	C B Gratiot	1362 Folsom St, San Francisco 3, Cal	HE1-1828
Cal	R F Gratiot	1261 S. Glendale Ave, Glendale 5, Cal	CH5-3746
Conn	J H Shick	766 Main St, Newington, Conn	MO6-4233
Fla	Walter S Hoyt	2310 Purdue Rd, Bradenton, Fla	
Ill	W C Johnson	3118 N. Ellis St, Peoria 5, Ill	2-7786
Ill	O W Kessens	253 Harvey Ave, Des Plaines, Ill	VA4-6464
Ill	Sittler Co	18 N. Ada St, Chicago 7, Ill	SE3-4616
Ind	Walter C Roldt	5905 Hohman Ave, Hammond, Ind	WE1-7091
Md	O A Hall	2301 N. Charles St, Baltimore 18, Md	HO7-5759
Mich	Eynon Co	9900 Freeland Ave, Detroit 27, Mich	TE4-7700
Minn	F E Elley	1302 Fifth Ave, S., Minneapolis 4, Minn	FE3-2813
Mo	J Grant & Co	1346 Hampton Ave, St. Louis 10, Mo	MI7-1022
NY	Bardwell & Schoelles Associates	Box 105, Rochester 1, NY	BA5-7687
NY	Hoyt Equipment Co	61 Walker St, New York 13, NY	CA6-5858
Ohio	W A Masters	4497 Greenwald Rd, S. Euclid 21, Ohio	EV1-1986
Ohio	Joe Vecchiarelli	104 Laurel Rd, Chagrin Falls, Ohio	CH7-6382
Pa	W R McCoddle	407 N. Ashbridge, West Chester, Pa	OW6-3155
Pa	Colebaugh Self-Lubricating Co	4637-39 Mulberry St, Philadelphia 24, Pa	PI3-8200
Pa	R G Schatz	304 S. Michael St, St. Marys, Pa	41-951
Tex	Clyde L Webb Co	1620 Carleton St, Fort Worth 7, Tex	PE8-3002
	PYE TELECOMMUNICATIONS LTD	**Newmarket Rd, Cambridge, England**	**TE3131**
	H Woolger 325-895-1135-1370-1425-1870		
NJ	Pye Corp of America	1149 Raritan Ave, Highland Park, NJ	CH7-2277
Foreign	Sales Offices/Representatives in all principal countries.		
	PYLE-NATIONAL CO	**1334 N Kostner Ave. Chicago 51, Ill**	**DI2-6300**
	J Shearer #12 *800 F 345		
Ala	E P Coleman	2nd Ave & 21st St, Birmingham, Ala	AL2-7579
Ark	Curtis H Stout Inc	400 Shall St, Little Rock, Ark	FR4-8201
Cal	R E Chesson	242 S Anderson St, Los Angeles 33, Cal	AN9-7381
Cal	John Kresich	1417 Market St, San Francisco 3, Cal	UN3-7586
Colo	Robert Ernst	801 W. 5th Ave, Denver 4, Colo	AC2-3378
Fla	C W Rice	711 Magnolia Ave, Orlando, Fla	CH1-3081
Ga	C R Kevin & Co	144 Walker St, S.W., Atlanta, Ga	MU8-7077
Hawaii	Alfred E Linzer Co., Inc	2907 Kapiolani Blvd, Honolulu, T.H.	924635
Ill	H R Weibel	2700 W Roosevelt Rd, Broadview, Ill	MA6-4021
Ind	H Bosling	5250 Keystone Court Bldg, Indpls 20, Ind	CL1-5996
La	Curtis H Stout Of La Inc	International Trade Mart, New Orleans 12	JA2-7157
La	Curtis H Stout Inc	409 Fairfield Bldg, Shreveport, La	5-5495
Md	F H Boehling Jr	Baltimore, Md	PL2-5184
Mich	E J Heathfield	16525 Woodward Ave, Detroit, Mich	TO8-6707
Minn	P L Wiazgar	1808 Pioneer Bldg, St. Paul 1, Minn	CA2-4631
Miss	Curtis H Stout Inc	706 Electric Bldg, Jackson, Miss	FL4-4328
Mo	Max Luckert	812 Olive St, St. Louis 1, Mo	CH1-6513
NM	P Black	721 Lomas Vista Dr, N.E., Albuquerque	AL5-9625
NY	L J Milewicz	3634 Grand Central Term, New York 17, NY	MU6-9174
NY	G Lowen	639 E Warren, Syracuse 2, NY	HA2-0886
NC	A L Henderson	1509 E. 4th, Charlotte, NC	FR7-2150
Ohio	W Frede	7249 Lossentville Rd, Cincinnati 13, Ohio	RE1-1230
Ohio	R C Hughes	1836 Euclid Ave, Cleveland 15, Ohio	MA1-6584
Okla	J Dodge	1526 E. 4th St, Tulsa, Okla	LU4-3712
Pa	N P Rostano	239 4th Ave, Pittsburgh 22, Pa	GR1-3193
Pa	W P Bailey	1505 Race St, Philadelphia 2, Pa	LO6-1179
Tenn	Curtis H Stout Inc	718 M & M Bldg, Memphis, Tenn	JA6-7601
Tex	The Eads Co	5523 Dyer St, Dallas 5, Tex	EM3-3637
Tex	The Eads Co	1115 Dunlavy St, Houston 19, Tex	JA6-1546
Wash	M Hickey	1105 Poplar Pl, Seattle 44, Wash	EA4-3777
Wis	E R Abare	743 N Fourth St, Milwaukee, Wis	BR3-5696
Can	Pyle-National (Canada) Ltd	33 Ingram Dr, Toronto 15, Ont	
Foreign	Lionel-Essex Inter America Inc	15 E. 26th St, New York 10, NY	MU5-1308
●	**PYRAMID ELECTRIC CO**	**Orange St, Darlington, SC**	**EX3-3821**
	*800 F 220-895		
Ala	Al Engelman Co	1215 Crump Ave, Memphis 12, Tenn	GL8-6263
Alaska	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8300
Ariz	Jack Berman Co	9146 N 1st Ave, Phoenix	WH5-9321
Ark	Jack F McKinney Sales Co	1303 Chemical St, Dallas 7, Tex	RI1-1368
Cal	F W Moulthrop Co	575 10th St, San Francisco 3, Cal	MA1-0722
Cal	Jack Berman Co	1141 S La Cienega Blvd, Los Angeles 35	OL5-8971
Colo	Hyde Electronics Co	999 S Logan St, Denver 21	WE6-3456
Conn	Mosher & Peyser Co	945 Great Plain Ave, Needham 92, Mass	HI4-1400
Del	Barnhill & Assoc, Inc	19 W Pennsylvania Ave, Towson 4, Md	VA5-3900
Del	Art Cerf & Co	4 W Penfield Rd, Ellicott City, Md	
DC	Barnhill & Assoc, Inc	19 W Pennsylvania Ave, Towson 4, Md	VA5-3900
Idah	Hyde Electronics Co	999 S Logan St, Denver 21, Colo	WE6-3456
Idaho	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8300
Ill	Earl T Champion	5459 N. Sheridan Rd, Chicago 26, Ill	AM2-7565
Ill	Gassmer & Clark Co	5644 N. Western Ave, Chicago 45, Ill	RO4-6121
Ill	Henry D Sarkis	5608 N. Western Ave, Chicago 45, Ill	AR1-3774
Ill	Kelly Schmitz Winkeler Assoc. Inc	407 W 74th St Terrace, KC 14, Mo	EM1-5651
Ind	William A Weily	4017 S. Harrison Blvd, Ft. Wayne 6, Ind	KE2461
Ind	Edwin Schulz	725 Sherwood Dr, Indianapolis	BR1990
Iowa	Kelly Schmitz Winkeler	407 W 74th St Terrace, KC, Mo	EM1-5651
Kan	Kelly Schmitz Winkeler	407 W 74th St Terrace, KC, Mo	EM1-5651
Ky	William A Weily	4017 S. Harrison Blvd, Ft. Wayne 6, Ind	KE2461
Ky	Edwin Schulz	725 Sherwood Dr, Indianapolis, Ind	BR1990
La	Jack F McKinney Sales Co	1002 Fairway, Kenner	KE4-5866
Me	Mosher & Peyser Co	945 Great Plain Ave, Needham 92, Mass	HI4-14[illegible]
Md	Art Cerf & Co	4 W Penfield Rd, Ellicott City	
Md	Barnhill & Assoc, Inc	19 W Pennsylvania Ave, Towson 4	VA5-39[illegible]
Mass	Mosher & Peyser Co	945 Great Plain Ave, Needham 92	HI4-140[illegible]
Mich	William A Weily	4017 S. Harrison Blvd, Ft. Wayne 6, Ind	KE2461
Mich	R C Nordstrom Co	218 Briggs Bldg, Birmingham	JO4-812[illegible]
Minn	Hamilton & Bayle Associates	3359 Republic Ave, Minneapolis 26, Minn	WE9-78[illegible]
Miss	Al Engelman Co	1215 Crump Ave, Memphis 12, Tenn	GL8-62[illegible]
Mo	Kelly Schmitz Winkeler Assoc	407 W 74th St Terrace, Kansas City	EM1-56[illegible]
Mont	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-83[illegible]
Mont	Hyde Electronics Co	999 S Logan St, Denver 21, Colo	WE6-34[illegible]
Neb	Kelly Schmitz Winkeler Assoc, Inc	407 W 74th St Terrace, KC, Mo	EM1-56[illegible]
Nev	Jack Berman Co., Inc	1141 S. La Cienega Blvd, L A, Cal	OL5-89[illegible]
Nev	F W Moulthrop Co	575 10th St, San Francisco 3, Cal	MA1-07[illegible]
NH	Mosher & Peyser Co	945 Great Plain Ave, Needham 92, Mass	HI4-14[illegible]
NJ	Art Cerf & Co	744 Broad St, Newark, NJ	MI2-67[illegible]
NJ	S & M Associates	595 Broad Ave, Ridgefield, NJ	WH5-09[illegible]
NJ	Howard J Fairbanks	3815 Darby Rd, Havertown, Pa	GR3-24[illegible]
NJ	Stang Sales Corp	271 Columbus Ave, Tuckahoe, NY	SP9-48[illegible]
NM	Hyde Electronics Co	5206 Constitution Ave, NE, Albuquerque	AM8-11[illegible]
NY	S & M Associates	595 Broad Ave, Ridgefield, NJ	WH5-09[illegible]
NY	Art Cerf & Co	300 Highland Pkwy, Kenmore 23	
NY	William A Franklin	7 Standish Terr, Syracuse 3	GR6-112[illegible]
NY	Fred Spellman Co	1295 Northern Blvd, Manhasset	MA7-11[illegible]
ND	Hamilton & Bayle & Associates	3359 Republic Ave, Minneapolis 26, Minn	WE9-78[illegible]
Ohio	Mike Roth Sales Co	13947 Cedar Rd, Cleveland 18, Ohio	YE2-42[illegible]
Okla	Jack F McKinney Sales Co	P O Box 7331, Tulsa	TE5-47[illegible]
Ore	Burt C Porter Co	1937 NE Multnomah, Portland 12	AT4-17[illegible]
Pa	H J Fairbanks Co	3815 Darby Rd, Havertown, Pa	GR3-24[illegible]
Pa	Mike Roth Sales Co	13947 Cedar Rd, Cleveland 18, Ohio	YE2-42[illegible]
Pa	Art Cerf Co	123 Shasta Rd, Plymouth Meeting	TA8-5[illegible]
RI	Mosher & Peyser Co	945 Great Plain Ave, Needham 92, Mass	HI4-140[illegible]
SD	Hamilton & Bayle & Associates	3359 Republic Ave, Minneapolis 26, Minn	WE9-78[illegible]
Tenn	Al Engelman Co	1215 Crump Ave, Memphis 12, Tenn	GL8-62[illegible]
Tex	Jack F McKinney Sales Co	1303 Chemical St, Dallas 7, Tex	RI1-136[illegible]
Tex	Hyde Electronics Co	999 S Logan St, Denver 21, Colo	WE6-345[illegible]
Utah	Hyde Electronics Co	2803 Connor St, Salt Lake City 9	IN7-570[illegible]
Vt	Mosher & Peyser Co	945 Great Plain Ave, Needham 92, Mass	HI4-140[illegible]
Va	Barnhill & Assoc, Inc	19 W Pennsylvania Ave, Towson 4, Md	VA5-39[illegible]
Va	Art Cerf Co	600 1/2 20th St, Virginia Beach	GA8-56[illegible]
Wash	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-83[illegible]
W. Va	Mike Roth Sales Co	13947 Cedar Rd, Cleveland 18, Ohio	YE2-42[illegible]
Wisc	Ken Sheriae Sales	7131 W. Morgan Ave, Milwaukee 20, Wisc	LI5-460[illegible]
Can	William Cohen, Ltd	8900 Park Ave, Montreal, Que	DU9-92[illegible]
	PYRAMID INSTRUMENT CORP	**630 Merrick Rd, Lynbrook, NY**	**LY3-56[illegible]**
	M Schwartz #5 *250 360-895-1460		
Ala	James Millar Associates	1036 Peachtree St, N.E., Atlanta, Ga	
Alaska	Northwestern Agencies Inc	4130 First Ave, Seattle, Wash	
Ariz	Maddox Sales Co	5709 N. 19 Pl, Phoenix, Ariz	
Ark	Ray Martin Co	210 Kirkwood Bank Bldg, Kirkwood, Mo	
Cal	Maddox Sales Co	914 E. 3rd St, Los Angeles, Cal	
Cal	Maddox Sales Co	470 Market St, San Francisco, Cal	
Colo	R D Florence & Associates	2052 Humboldt St, Denver, Colo	
Del	Electra Sales Associates	213-15 New St, Philadelphia, Pa	
Del	Electra Sales Assoc	213-15 New St, Philadelphia, Pa	
DC	Electra Sales Associates	213-15 New St, Philadelphia, Pa	
Fla	James Millar Associates	P.O. Box 96, Maitland, Fla	
Ga	James Millar Associates	P.O. Box 7116, Sta "C", Atlanta, Ga	
Idaho	Northwestern Agencies	4130 First Ave, Seattle, Wash	
Ill	Ray Martin Co	210 Kirkwood Bank Bldg, Kirkwood, Mo	
Ill	R M Crandall & Associates	6220 E. 56th St, Indianapolis, Ind	
Ind	Ellman & Zuckerman	119 S. Jefferson St, Chicago, Ill	
Ind	R M Crandall & Associates	6220 E. 56th St, Indianapolis, Ind	
Iowa	Deco Engineering Products	1112 Locust St, Des Moines, Iowa	
Kan	C L Arehart Co	5316 Garfield, Kansas City, Mo	
Ky	Ray Martin Co	210 Kirkwood Bank Bldg, Kirkwood, Mo	
Ky	R M Crandall & Associates	6221 E. 56th St, Indianapolis, Ind	
La	Glidden Engineering & Equip Co	P.O. Box 4063, New Orleans, La	
Md	Electra Sales Assoc	213-15 New St, Philadelphia, Pa	
Mich	Arnold J Young Co	16830 Hamilton Ave, Highland Park, Mich	
Minn	Lester Elstad	5910 Wayzata Blvd, Minneapolis, Minn	
Miss	Glidden Engineering & Equip Co	3802 Winchester Ave, Houston, Tex	
Mo	Ray Martin Co	210 Kirkwood Bank Bldg, Kirkwood, Mo	
Mo	C L Arehart Co	5316 Garfield, Kansas City, Mo	
Mont	Northwestern Agencies Inc	4130 First Ave, S., Seattle, Wash	
Neb	Deco Engineering Products	712 S. 24th St, Omaha, Neb	
Nev	Maddox Sales	914 E 3rd St, Los Angeles, Cal	
NJ	Sy Schutter	91 Cedar Rd, Westbury, NY	
NM	R D Florence & Associates	2052 Humboldt St, Denver, Colo	
NY	Ray Sullivan Inc	940 S. Salina St, Syracuse, NY	
NY	Sy Schutter	91 Cedar Rd, Westbury, NY	
NC	James Millar Associates	4023 Arbor Way, Charlotte, NC	
ND	Lester L Elstad	5910 Wayzata Blvd, Minneapolis, Minn	
Ohio	R M Crandall Associates	6220 E. 56th St, Indianapolis, Ind	
Ohio	Gordon Stoler & Bro	2400 Superior Ave, N.W., Cleveland, Ohio	
Ore	Northwester Agencies Inc	4130 1st Ave, S., Seattle, Wash	
Pa	Electra Sales Associates	213-15 New St, Philadelphia, Pa	
Pa	Ray Johnson Co	124 S. Easton Rd, Glenside, Pa	
Pa	H W Grantzinger Co	410 E Gen Robinson Rd, Pittsburgh, Pa	
SC	James Millar Associates	4023 Arbor Way, Charlotte, NC	
SD	Lester L Elstad	5910 Wayzata Blvd, Minneapolis, Minn	
Tenn	James Millar Associates	P.O. Box 7116, Sta "C", Atlanta, Ga	
Tex	Glidden Engineering & Equip Co	3802 Winchester Ave, Houston, Tex	
Utah	The Carger Co	211 S. 3rd W., Salt Lake City, Utah	
Va	Arthur Hoey	3084 Cedar Grove Rd, Richmond, Va	
Wash	Northwestern Agencies	4130 1st Ave, S., Seattle, Wash	
W Va	H W Grantzinger Co	410 E Gen Robinson Rd, Pittsburgh, Pa	
Wisc	Ellman & Zuckerman	119 S. Jefferson, Chicago, Ill	
Wyo	R D Florence & Associates	2052 Humboldt St, Denver, Colo	
	PYRO-ELECTRIC, INC	**Maskin Rd, Walkerton, Ind**	**586-3144**
	A Benson #3 *20 D 1795		
Ala	Aeral Associates	3617 Thompson Ave, E Point, Ga	767-48[illegible]
Ariz	Aeral Associates	Denver Club Bldg, Denver 2, Colo	TA5-25[illegible]
Ark	Aeral Associates	314 N. East St, Arlington, Tex	CR5-24[illegible]
Cal	Aeral Associates	9024 Olympic Blvd, Beverly Hills, Cal	BR2-82[illegible]

● INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Aerol Associates	1177 University Dr, Menlo Park, Cal	DA1-1914
Colo	Aerol Associates	Denver Club Bldg, Denver 2, Colo	TA5-2046
Conn	Aerol Associates	825 Park Ave, Bloomfield, Conn	CH2-5586
Del	Aerol Associates	6803 York Rd, Baltimore 12, Md	DR7-8110
DC	Aerol Associates	6803 York Rd, Baltimore 12, Md	DR7-8110
Fla	Aerol Associates	910 Orange Ave, Winter Park	GA3-4489
Ga	Aerol Associates	1617 Thompson Ave, E Point, Ga	767-4666
Idaho	Aerol Associates	Denver Club Bldg, Denver 2, Colo	TA5-2046
Ind	Aerol Associates	7719 Reading Rd, Cincinnati, Ohio	VA1-4898
Kan	Aerol Associates	6631 E. Kellogg, Wichita 18, Kan	MU3-7421
Ky	Aerol Associates	Box 6217, Lambert Airport, Mo	PE1-6863
La	Aerol Associates	314 N. East St, Arlington, Tex	CR5-2400
Me	Aerol Associates	850 Lexington St, Waltham, Mass	TW4-7850
Md	Aerol Associates	6803 York Rd, Baltimore 12, Md	DR7-8110
Mass	Aerol Associates	850 Lexington St, Waltham, Mass	TW4-7850
Mich	Aerol Associates	7719 Reading Rd, Cincinnati, Ohio	VA1-4898
Minn	Aerol Associates	7719 Reading Rd, Cincinnati, Ohio	VA1-4898
Miss	Aerol Associates	1617 Thompson Ave, E Point, Ga	767-4666
Mo	Aerol Associates	Box 6217, Lambert Airport, Mo	PE1-6863
Nev	Aerol Associates	9024 Olympic Blvd, Beverly Hills, Cal	BR2-4251
NH	Aerol Associates	850 Lexington St, Waltham, Mass	TW4-7850
NJ	Aerol Associates	1180 Raymond Blvd, Newark, NJ	MA3-6336
NM	Aerol Associates	Denver Club Bldg, Denver 2, Colo	TA5-2046
NY	Aerol Associates	130 Pickwick Rd, DeWitt, NY	GI6-4580
NY	Aerol Associates	170 Great Neck Rd, Great Neck, NY	HU7-9650
Ohio	Aerol Associates	7719 Reading Rd, Cincinnati, Ohio	VA1-4898
Ore	Aerol Associates	422 First Ave, W, Seattle 99, Wash	AT2-5260
Pa	Tri-State Technical Sales	P O Box 144, Malvern, Pa	NI4-6010
RI	Aerol Associates	825 Park Ave, Bloomfield, Conn	CH2-5586
SC	Aerol Associates	1617 Thompson Ave, E Point, Ga	767-4666
Tenn	Aerol Associates	1617 Thompson Ave, E Point, Ga	767-4666
Tex	Aerol Associates	314 N. East St, Arlington, Tex	CR5-2400
Utah	Aerol Associates	Denver Club Bldg, Denver 2, Colo	TA5-2046
Vt	Aerol Associates	850 Lexington St, Waltham, Mass	TW4-7850
Va	Aerol Associates	6803 York Rd, Baltimore 12, Md	DR7-8110
Wash	Aerol Associates	422 First Ave, W, Seattle 99, Wash	AT2-5260
W Va	Aerol Associates	7719 Reading Rd, Cincinnati, Ohio	VA1-4898
Wisc	Aerol Associates	7719 Reading Rd, Cincinnati, Ohio	VA1-4898
	PYROFERRIC CO., INC	**621 E. 216 St, New York 67, NY**	**OL4-3930**
	380		
	PYROFILM RESISTOR CO., INC	**U S Hwy 46, Parsippany, NJ**	**DE4-8282**
	P Daniels #4 *25 B 1475		
Ala	Lynd A Walling	PO Box 3045, Atlanta 17, Ga	DR3-8346
Ala	Mark Electronic Sales Co	410 N.E. 147th Terr, N. Miami, Fla	WI7-5080
Ariz	Tech-Ser, Inc	3540 Wilshire Blvd. L A 5, Cal	DU5-1765
Ariz	Western Control Equipment Co	1400 N. 32nd St, Phoenix, Ariz	BR5-2013
Cal	Tech-Ser, Inc	640 Donohoe St. E Palo Alto	DA5-3251
Cal	Tech-Ser, Inc	3540 Wilshire Blvd. L A 5	DU5-1765
Cal	Tech-Ser, Inc	PO Box 6544, San Diego	AC2-1121
Cal	Western Control Equipment Co	14615 Ventura Blvd, Sherman Oaks, Cal	ST7-3940
Cal	Western Control Equipment Co	1672 Pierce St, San Francisco, Cal	WE1-2155
Colo	Longstreet-Smith Assoc, Inc	1013 - 15th St. Denver	KE4-5981
Conn	P J Engineering Sales Co	Box 212, Watertown, Mass	WA4-5950
Del	A L Livera & Associates	James Bldg, Madison, NJ	FR7-3220
DC	A L Livera & Associates	James Bldg, Madison, NJ	FR7-3220
Fla	Mark Electronic Sales Co	410 N.E. 147th Terr, N. Miami 61, Fla	WI7-5080
Ga	Lynd A Walling	PO Box 3045, Atlanta 17	DR3-8346
Idaho	Stanley Enterprises	127 River St, Seattle 8, Wash	PA3-3320
Ill	Lightner Associates	6322 N. Milwaukee Ave, Chicago 46, Ill	SP4-1500
Ind	Lightner Associates	6322 N. Milwaukee Ave, Chicago 46, Ill	SP4-1500
Iowa	Lightner Associates	6322 N. Milwaukee Ave, Chicago 46, Ill	SP4-1500
Kan	Thomson Eng Service	8230 Forsythe Blvd. St Louis, Mo	PA7-7705
Me	P J Engineering Sales Co	Box 212, Watertown, Mass	WA4-5950
Md	A L Livera & Associates	James Bldg, Madison, NJ	FR7-3220
Mass	P J Engineering Sales Co	Box 212, Watertown, Mass	WA4-5950
Minn	Lightner Associates	6322 N. Milwaukee Ave, Chicago 46, Ill	SP4-1500
Mo	Thomson Eng Service	8230 Forsythe Blvd. St Louis 5	PA7-7705
Nev	Tech-Ser, Inc	3540 Wilshire Blvd. L A 5, Cal	DU5-1765
NH	P J Engineering Sales Co	P O Box 212, Watertown, Mass	WA4-5950
NJ	A L Livera & Associates	James Bldg, Madison, NJ	FR7-3220
NM	Longstreet-Smith Assoc, Inc	2708 Carol, NE, Albuquerque	AX9-8013
NY	Components for Industry	21 Seigmor Ct, Buffalo 21	SP8-900
NY	Components for Industry	110 Woodbury Ln. Fayetteville	NE7-9601
NY	A L Livera & Associates	1551 Franklin Ave, Mineola, NY	PI1-7044
NC	Lynd A Walling	PO Box 3045, Atlanta 17, Ga	DR3-8346
Ohio	Callaghan-Bach	2209 Losantiville Rd, Cincinnati 13, Ohio	RE1-8660
Okla	Thomson Eng Service	8230 Forsythe Blvd. St Louis, Mo	PA7-7705
Ore	Stanley Enterprises	127 River St, Seattle 8, Wash	PA3-3320
Pa	A L Livera & Assoc, Inc	James Bldg, Madison, NJ	FR7-3220
RI	P J Engineering Sales Co	Box 212, Watertown, Mass	WA4-5950
SC	Lynd A Walling	PO Box 3045, Atlanta 17, Ga	DR3-8346
Tenn	Callaghan-Bach	2209 Losantiville Rd, Cincinnati 13, Ohio	RE1-8660
Tex	Thomson Engineering Service	2500 Oak Lawn, Dallas 19, Tex	LA6-8741
Utah	Longstreet-Smith Assoc, Inc	1013 - 15th St. Denver, Colo	KE4-5981
Vt	P J Engineering Sales Co	Box 212, Watertown, Mass	WA4-5950
Va	A L Livera & Associates	James Building, Madison, NJ	FR7-3220
Wash	Stanley Enterprises	127 River St, Seattle 8	PA3-3320
Wisc	Lightner Associates	6322 N. Milwaukee Ave, Chicago 46, Ill	SP4-1500
For	Dage Corp	219 E 44th St. New York, NY	MU2-6765
	PYROFUZE CORP	**121 S Columbus Ave, Mt Vernon, NY**	**MO4-5300**
	R Cohn *150 1960		
	PYROMET CO	**595 Industrial Rd, San Carlos, Cal**	**LY1-7161**
	R Rey #6 *30 D 830		
	PYROMETER CO OF AMERICA INC	**600 E. Lincoln Hwy, Penndel, Pa**	**SK7-3704**
	J Garris #4 *20 C		
Ariz	Wright Engineering Co	180 E California Blvd, Pasadena, Cal	MU1-8488
Cal	Pyrometer Co of Amer Western Div	2038 W 16th St, Long Beach, Cal	HE2-6667
Cal	Wright Engineering Co	180 E California Blvd, Pasadena, Cal	MU1-8488
Conn	Pyrometer Co of America, Inc	Box 167, Penndel, Pa	HO4-1200
Idaho	Missile Supply Co	3774 Lois Lane, Salt Lake City, Utah	EM3-3236
Ill	Services Unlimited, Inc	2767 S 71st St, Milwaukee 19, Wis	FA1-1332
Ind	Services Unlimited, Inc	2767 S 71st St, Milwaukee 19, Wis	FA1-1332
Kan	John Durbin Co	Box 5859, St Louis 35, Mo	JA1-1233
Mass	Timoss Co., The	259 Walnut St, Newtonville 60, Mass	BI4-7586
Mich	Services Unlimited, Inc	2767 S 71st St, Milwaukee, Wis	FA1-1332
Mo	John Durbin Co	Box 5859, St Louis 35, Mo	JA1-1233
Nev	Missle Supply Co	3774 Lois Lane, Salt Lake City, Utah	EM3-3236
NY	William T Conway	282 Quail St, Albany 8, NY	HE6-8718
NY	Carlen Representatives	132 Burnet Ave, Syracuse 3, NY	GR9-9191
NY	W J Sommers Co, Inc	835 Englewood Ave, Buffalo 23, NY	TF6-7800
Ohio	Abbott Co., The	3437 Michigan Ave, Cincinnati 8, Ohio	WE1-4431
Ohio	Tru-Line Sales Co	14235 Detroit Ave, Cleveland 7, Ohio	AC6-4300
Pa	Autotrols, Inc	Box 11038, Pittsburgh 37, Pa	WE1-4431
Pa	Edwin S Smith	3460 Paxton St, Harrisburg, Pa	JO4-0818
Utah	Missile Supply Co	3774 Lois Lane, Salt Lake City, Utah	EM3-3236
Wis	Services Unlimited, Inc	2767 S 71st St, Milwaukee, Wis	FA1-1332
For	Singer Products	95 Broad St, New York 4, NY	WH4-8700
	PYROMETER INSTRUMENT CO., INC	**92 Portland Ave, Bergenfield, NJ**	**DU4-5140**
	R Ayers #2 *30 D 360-895-1795-1960		
Ala	W C Gibbs Co	Tre 2, Box 478B, Birmingham 5, Ala	TR9-3701
Cal	L H Freeman Co	4063 Radford Ave, Studio City	TR7-0256
Cal	Claude B Smith Co	844 E. 12th St, Oakland 6, Cal	TE2-0103
Colo	Champion Specialty Co	4801 S. Broadway, Englewood, Colo	SU1-0279
Conn	Archie F Roberts	Box 49, Sandy Hook, Conn	NE6-4550
DC	R A Reitz Jr	2301 N. Charles St, Baltimore 18, Md	BE5-4161
Fla	James S Missouri	1021 S.E. 13th Ave, Deerfield Beach, Fla	BO8590
Hawaii	Merrill Berkley	Box 3856, Honolulu 12, Hawaii	
Idaho	Control Equipment Co	323 W. 14 S., Salt Lake City, Utah	HU4-6011
Ill	Smith Combustion Equipment Co	2545 N. Congress Pkwy, Chicago 12, Ill	TA9-8050
Ind	Electro Products Inc	702 E. Tenth St, Indianapolis 2, Ind	ME1-7420
Iowa	H G King Co., Inc	517 Fifth Ave, Des Moines, Iowa	
Iowa	Twin-State Eng & Chem Co	Box 5, Bettendorf	
Kan	E V Mooney	6663 Enright Ave, University City 5, Mo	PA5-4271
La	William S Huey Co	202 Board of Trade Annex, New Orleans	TU1409
Me	Industrial & Scientific Instr Co	107 Old Sudbury Rd, Wayland, Mass	TW3-7453
Md	R A Reitz Jr	2301 N. Charles St, Baltimore 18, Md	BE5-4161
Mass	Industrial & Scientific Instr Co	107 Old Sudbury Rd, Wayland, Mass	TW3-7453
Mich	M C Schwer	2970 W. Grand Blvd, Detroit, Mich	TR1-4900
Minn	John L Schmidt Co	1879 University Ave, St. Paul 4, Minn	NE6383
Mo	Edw W Mooney Co	110 S Central Ave, Clayton 5	PA5-4271
Neb	H G King Co., Inc	2024 N. 67th Ave, Omaha 4, Neb	GL1377
NH	Industrial & Scientific Instr Co	107 Old Sudbury Rd, Wayland, Mass	TW3-7453
NJ	Geo F Bertrand Co	101 N 33rd St, Philadelphia, Pa	BA2-8015
NJ	L E Roher	31 Delaware Ave, Bloomfield, NJ	PI3-9384
NY	Claude A Gates Co	Box 284, New Rochelle, NY	NE2-1465
NY	Robert F Lamb Co	3407 Delaware Ave, Buffalo 17, NY	BE3757
NY	George O Miller Co	639 S. Warren St, Syracuse 2, NY	HA2-1004
NC	Robert S Hudgins Co	1514 Wendover Rd, Charlotte 7, NC	EM6-4887
Ohio	Clarke H Joy Co	27006 Knickerbocker Rd, Bay Village	TR1-5900
Ohio	Industrial Electronic Laboratories	606 Lagrange St, Toledo, Ohio	CH4-5827
Ohio	Hare Equipment	1720 Section Rd, Cincinnati 37, Ohio	ME1-4703
Okla	Hatfield & Co	Box 7072, Dallas 9, Tex	FL7-5616
Ore	Branom & Leeland Instrument Co	6019 N.E. Union Ave, Portland 11, Ore	BE2-5214
Pa	George F Bertrand Co	101 N 33rd St, Philadelphia	BA2-8015
Pa	Bradshaw & Co	311 Ross St, Pittsburgh 19, Pa	CO1-2627
SC	Robert S Hudgins Co	Box 5321, Sta B, Greenville	2-7062
Tenn	W C Gibbs Co	Tre 2, Box 478B, Birmingham 5, Ala	
Tex	Hatfield & Co	Box 7072, Dallas 9, Tex	FL7-5616
Utah	Control Equipment Co	323 W. 14th S., Salt Lake City, Utah	HU4-6011
Vt	Industrial & Scientific Instr Co	107 Old Sudbury Rd, Wayland, Mass	TW3-7453
Va	R A Reitz Jr	2301 N. Charles St, Baltimore 18, Md	BE5-4161
Wash	Branom & Leeland Instrument Co	2137 Second Ave, Seattle, Wash	MA2-7320
W. Va	Bradshaw & Co	311 Ross St, Pittsburgh 19, Pa	CO1-2627
Wisc	Pyro-Matic Industrials	3230 W. National Ave, Milwaukee 15	EV4-3300
Can	Hagan Corp (Canada) Ltd	Box 69, Sta D, W Toronto, Ont	RO2-8265
	QUADRIGA MFG CO	**213-33 W. Grand, Chicago 10, Ill**	**DE7-0510**
	W Frye *70 E 280-1120-1125-1290-1545-1940		
	QUAKER CITY GEAR WORKS	**Red Lion & Philmont, Bethayres, Pa**	**WI7-0800**
	F Berlinger #2 *180 755		
	QUALITY COMPONENTS INC	**Dagsscahoada, Pa**	**TE42-817**
	220-380-715-905-1290		
	QUAM NICHOLS CO	**Marquette Rd & Prairie, Chicago 37, Ill**	**HU8-5800**
	M Little #3 *200 E 1085-1675-1855		
Ala	Cartwright & Bean	3223 Cains Hill Pl, N.W., Atlanta 5, Ga	CE7-2273
Ala	Cartwright & Bean	821 Pontalba, New Orleans, La	AU-2264
Alaska	Dave M Lee Co., Inc	3527 N.E. Union Ave, Portland, Ore	AT8-5796
Ariz	Wes Alderson Co	3050 Overland Ave, Los Angeles, Cal	UP0-1030
Ark	Ernest L Wilks Co	1212 Camp St, Dallas, Tex	RI7-2637
Cal	Wes Alderson Co	3050 Overland Ave, Los Angeles, Cal	UP0-1030
Cal	William J Purdy Co	312 Seventh St, San Francisco, Cal	UN3-3300
Colo	McLoud & Raymond Co	2151 S Grape St. Denver 22	SK6-1589
Conn	Stanley A Harris Co	1241 Highland Ave, Needham, Mass	HI4-4780
Del	Trinkle Sales	7675 Maple Ave, Merchantville, NJ	NO3-0303
DC	Trinkle Sales	7675 Maple Ave, Merchantville, NJ	NO3-0303
Fla	Cartwright & Bean	20100 N.E. 25th Ct, N. Miami Beach, Fla	
Ga	Cartwright & Bean	3223 Cains Hill Pl, Atlanta, Ga	CE7-2273
Idaho	Dave M Lee Co., Inc	3527 N.E. Union Ave, Portland, Ore	AT8-5796
Ill	Bruce Cumming & Associates	6029 Belmont Ave, Chicago, Ill	ME7-3770
Ill	Jack Kelly Sales Co	972 N. Geyer Rd, Kirkwood, Mo	TA2-1791
Ill	John G Twist Co	5722 Diversey Ave. Chicago	SP7-2250
Ind	Thomas & Sukup, Inc	2060 E 54th St. Indpls	CL1-4574
Iowa	R W Farris Co., Inc	406 W. 34th St, Kansas City, Mo	PL3-5350
Kan	R W Farris Co., Inc	406 W. 34th St, Kansas City, Mo	PL3-5350
Ky	Thomas & Sukup, Inc	2060 E 54th St. Indpls, Ind	CL1-4574
La	Ernest L Wilks Co	1212 Camp St, Dallas, Tex	RI7-2637
Me	Stanley A Harris Co	1241 Highland Ave, Needham, Mass	HI4-4780
Md	Trinkle Sales	7675 Maple Ave, Merchantville, NJ	NO3-0303
Mass	Stanley A Harris Co	1241 Highland Ave, Needham, Mass	HI4-4780
Mich	Wayne Bristel Co	13009 Fenkell, Detroit, Mich	VE6-9100
Minn	Marvin H Kirkeby	204 Sunnyridge Ln, Minneapolis, Minn	FR7-3239
Miss	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR6-4442
Mo	R W Farris Co, Inc	7811 Carondelet, St Louis	
Mo	R W Farris Co., Inc	406 W. 34th St, Kansas City, Mo	PL3-5350
Mont	Dave M Lee Co, Inc	3527 NE Union Ave, Portland, Ore	AT8-5796
Mont	McLoud & Raymond Co	2151 S Grapes St. Denver, Colo	SK6-1589
Neb	R W Farris Co., Inc	406 W. 34th St, Kansas City, Mo	PL3-5350
Nev	Wes Alderson Co	3050 Overland Ave, Los Angeles, Cal	UP0-1030
NH	Stanley A Harris Co	1241 Highland Ave, Needham, Mass	HI4-4780
NJ	Stang Sales Corp	271 Columbus Ave, Tuckahoe, NY	SP9-0868
NJ	Trinkle Sales	7675 Maple Ave, Merchantville, NJ	NO3-0303
NM	McLoud & Raymond Co	2151 S Grapes St. Denver, Colo	SK6-1589
NY	R E Breuer Co., Inc	10 Columbus Circle, New York, NY	CO5-0440
NY	Bowser & Lepecky	2070 Sheridan Dr, Kenmore, NY	DE4404
NY	Paston-Hunter Co	3307 Erie Blvd, E., Syracuse, NY	GR-2100
NY	Stang Sales Corp	271 Columbus Ave, Tuckahoe, NY	SP9-0868
NC	Cartwright & Bean	625 Harwyn Dr, Charlotte, NC	FR6-8648
ND	Marvin H Kirkeby	204 Sunnyridge Ln, Minneapolis, Minn	FR7-3239
Ohio	Bush-Greenleaf & Associates	14700 Detroit Ave, Cleveland, Ohio	LA1-8458
Okla	Ernest L Wilks Co	1212 Camp St, Dallas, Tex	RI7-2637
Ore	Dave M Lee Co., Inc	3527 N.E. Union Ave, Portland, Ore	AT8-5796
Pa	James H Podolny Co	5912 Penn Ave, Pittsburgh, Pa	HI1-0600
Pa	Trinkle Sales	7675 Maple Ave, Merchantville, NJ	NO3-0303
RI	Stanley A Harris Co	1241 Highland Ave, Needham, Mass	HI4-4780
SC	Cartwright & Bean	625 Harwyn Dr, Charlotte, NC	FR6-8648
SD	Marvin H Kirkeby	204 Sunnyridge Ln, Minneapolis, Minn	FR7-3239
Tenn	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR6-4442
Tenn	Cartwright & Bean	3223 Cains Hill Pl, N.W., Atlanta, Ga	CE7-2273
Tex	Ernest L Wilks Co	1212 Camp St, Dallas, Tex	RI7-2637
Utah	McLoud & Raymond Co	PO Box F 146, Salt Lake City	
Vt	Stanley A Harris Co	1241 Highland Ave, Needham, Mass	HI4-4780
Va	Cartwright & Bean	625 Harwyn Dr, Charlotte, NC	FR6-8648
W. Va	James H Podolny Co	5912 Penn Ave, Pittsburgh, Pa	HI1-0600
Wisc	Bruce Cumming & Associates	6029 Belmont Ave, Chicago, Ill	ME7-3770
Wyo	McLoud & Raymond Co	2151 S Grape St. Denver, Colo	SK6-1589
Canada	G Eldon McLennan Ltd	1604 W. Third Ave, Vancouver BC, Canada	BA2091
Foreign	O O Malleck Inc	407 S. Madison St, Chicago, Ill	FR2-4968
	QUAN-TECH LABORATORIES INC	**60 Parsippany Blvd, Boonton, NJ**	**DE4-8500**
	R Pittenger #6 *35 D 338-895-1340		
Ala	Maitland K Smith	2905 Canada Rd, Birmingham 13, Ala	TR1-9341
Ariz	Hyde Electronics Co	2912 N. Villa St, Phoenix, Ariz	AP8-2265
Cal	A-F Sales Engineering, Inc	94 S Los Robles Ave, Pasadena, Cal	MU1-5631
Cal	Jay Stone & Associates	Box 583, Sunnyvale, Cal	YO8-2770
Colo	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Fla	Maitland K Smith Co	117 N. Keystone Dr, Clearwater, Fla	39-8021
Ga	Maitland K Smith Co	236 Fourteenth St, N.W., Atlanta 11, Ga	TR5-8071
Ill	Midwest Electronic Sales	3900 W North Ave, Chicago 47, Ill	CA7-3222
Kan	Associated Industries, Inc	455 S Washington, Wichita 2, Kan	HO4-0391
Md	Chet Perdue	8910 Georgia Ave, Silver Spring, Md	JU9-6564
Mass	Cowperthwait & Bradstreet	570 Hillside Ave, Needham Hts 94, Mass	HI4-9410
Minn	Pat Lund Electronics Co	9718 Western Ave, Circle Pines, Minn	SU4-3027
NJ	L & M Associates	P.O. Box 641, Fair Lawn, NJ	DI3-3070
NM	Hyde Electronics Co	5206 Constitution Ave, N.E., Albuquerque	AM8-1111
NY	L & M Associates	P.O. Box 51, Central Sta, Yonkers, NY	WO1-5560
NY	Engineering Applications Co	237 E. Genesee St, Syracuse 2, NY	HA2-6797
NC	Maitland K Smith Co	920 W. Hill St, Charlotte, NC	FR5-1590
Pa	L & M Associates	408 W. Chapter St, Philadelphia, Pa	GE8-5660
Tex	Dannemiller-Smith, Inc	2712 W Mockingbird Lane, Dallas, Tex	FL7-8249
Utah	Hyde Electronics Co	2803 Connor St, Salt Lake City 9, Utah	IN7-5763
Wash	Associated Industries	1752 Rainier Ave, Seattle 44, Wash	EA5-4400
Can	Conway Electronic Enterprises Reg'd	1514 Eglinton Ave W, Toronto 10, Ont	RU3-6576
Foreign	Sylvan Ginsbury Ltd	8 W. 40th St, New York 18, NY	LO4-7585
•	**QUARTZITE PROCESSING INC**	**6 Holyoke St, Malden, Mass**	**DA2-1380**
	P Yasofsky *11 A 240-380-1385-1890		
	QUIETROLE CO	**359 St John St. Spartanburg, SC**	**582-8996**
	R Monk 265-290-1070		
Cal	Wm J Purdy Co	312 Seventh St, San Francisco 3, Cal	UN3-3300
Cal	Wedge Weber Co	1217 Venice Blvd, Los Angeles 6, Cal	DU7-2111
Fla	Cartwright & Bean	20100 N.E. 25th Ct, N. Miami Beach, Fla	WI5-2962
Fla	Harvey E Antley	20100 N.E. 25th Ct, N. Miami Beach, Fla	WI5-2962
Ga	Cartwright & Bean	3223 Cain's Hill Pl, N.W., Atlanta, Ga	CE7-2273
Ill	William J Doyle Co	2600 W Touhy Ave. Chicago 45	BR4-6685
Ind	Kirsch Sales Co	Lafontaine, Ind	115
La	Cartwright & Bean	821 Pontalba St, New Orleans, La	AU2264
Md	Harold A Royer	152 Mason Ave, Haddonfield, NJ	HA9-7792
Mass	Harold A Chamberlin	Civilian Air Terminal, Bedford, Mass	CR4-0044
Minn	Forrest J Carlson	Rt 1, Mound, Minn	GR2-2271
Mo	Kelly-Schmitz-Winkeler Associates	7449 Broadway, Kansas City 14, Mo	EM1-5651
NY	William M Ferguson	117 Fayette, Manlius	
NC	Cartwright & Bean	625 Harwyn Dr, Rt 8, Charlotte, NC	FR6-8648
Ohio	Robert W Peters Co	350 E. 215th St, Cleveland 23, Ohio	AN1-2330
Pa	Frank P Yarussi	312 Spring Valley Rd, Pittsburgh 16, Pa	
Tenn	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR6-4442
Tex	John B Guenther	4533 N. Central Expwy, Dallas 5, Tex	LA8-6286
Wash	C B Parsons & Co	3028 First Ave, Seattle, Wash	MU2-6780
Foreign	Louis D Cohen & Associates	5965 Twin Lakes Dr, South Miami 43, Fla	
	RBM CONTROLS DIV., ESSEX WIRE CORP	**Logansport, Ind**	**6121**
	W Hopkins #35 *1500 360-1135-1460		
Ala	R B M Div. Essex Wire Corp	2901 15th Ave. Birmingham	FA4-2526
Ariz	R B M Div Essex Wire Corp	213 N. First Ave, Phoenix, Ariz	AP8-5796
Cal	R B M Div Essex Wire Corp	749 Bryant St, San Francisco 7, Cal	DO2-1038
Cal	R B M Div Essex Wire Corp	1632 Silver Lake Blvd, L A 26, Cal	NO3-8088
Conn	R B M Div Essex Wire Corp	1731 Park St, Hartford 6, Conn	AD6-2541
Fla	R B M Div Essex Wire Corp	3807 1/2 Edgewater Dr, Orlando, Fla	GA3-7212
Ga	RBM Div. Essex Wire Corp	925 Brady Ave, NW, Atlanta	TR5-8692
Ill	RBM Div. Essex Wire Corp	3501 W Addison, Chicago	IRR-9151
Ill	R B M Div Essex Wire Corp	418 E. Capitol Ave, Springfield, Ill	LA7-7215
Ind	R B M Div Essex Wire Corp	1601 Wall St, Ft. Wayne 6, Ind	EA0311
Mich	R B M Div Essex Wire Corp	170 E. South St, Hillsdale, Mich	HE7-3376
Minn	R B M Div Essex Wire Corp	3230 E. Hennepin, Minneapolis 13, Minn	FE9-8661
Mo	R B M Div Essex Wire Corp	5959 St. Louis Ave, St. Louis 20, Mo	EV2-9000
Mo	R B M Div Essex Wire Corp	2001 Forest Ave, Kansas City 8, Mo	HA1-1955
Neb	R B M Div Essex Wire Corp	322 W O W Bldg, Omaha, Neb	AT7280
NJ	R B M Div Essex Wire Corp	457 Frelinghuysen Ave, Newark 5, NJ	BI8-4040
NY	R B M Div Essex Wire Corp	15 Warrington Dr, Rochester 18, NY	BR1-9471
Ohio	RBM Div. Essex Wire Corp	1724 Rockwell Ave. Cleveland	CH1-5817
Ohio	R B M Div Essex Wire Corp	410 W. First St, Dayton 2, Ohio	BA2-6383
Okla	R B M Div Essex Wire Corp	1610 E. 32nd Pl, Tulsa 5, Okla	RI7-6490
Pa	RBM Div. Essex Wire Corp	3400 Forbes Ave. Pittsburgh	MU2-7551
Tenn	RBM Div. Essex Wire Corp	640 Riverside Dr. Memphis	JA5-2516

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Tex	R B M Div Essex Wire Corp	2909 W. Berry St, Ft. Worth 5, Tex	WA4-5968
Wash	R B M Div Essex Wire Corp	11000 Evanston Ave, Seattle 33, Wash	EM0956
Wis	RBM Div. Essex Wire Corp	10701 W National Ave, Milwaukee	BR1-4434
Canada	R B M Div Essex Wire Corp	1664 Windsor Ave, Windsor, Ont, Canada	CL4-6444
Foreign	Lionel-Essex Intl Corp	15 E. 26th St, New York, NY	MU5-1308
	RCA SERVICE CO. DIV. RADIO CORP OF AMERICA	**Cherry Hill, Camden 8, NJ**	**WO3-8000**
	W Tait 250-475-1610		
Alas	F D Chin	429 "E" St, Anchorage	BR2-6001
Cal	P L Carlson	7735 Kester St, Van Nuys	ST1-1010
Colo	J E Shull	3300 E 43rd Ave, Denver 16	AL5-6846
DC	E R Shaw	1725 "K" St. NW, Washington 6	FE7-4500
Fla	G Denton Clark	Patrick Air Force Base	UL7-6327
NY	R J Mills	104 N George St, Rome	FF7-3200
	R C L MFG CO	**New Jersey Ave; Riverside 8, NJ**	**HO1-1003**
	1475		
Colo	Longstreet Smith Associates Inc	1013 15th St, Denver, Colo	KE4-5091
Conn	R H Robinson & Co	P.O. Box 157, Coventry, Conn	PI2-7323
Fla	Paul O Griffin	5611 Florida Ave, Tampa, Fla	TA6-6652
Ill	Louis E Bacher & Associates	4736 W. Division St, Chicago 51, Ill	BE5-6681
Md	Robert Gibson	25 Allegheny Ave, Towson, Md	VA5-3836
NJ	J A Maguire & Co	116 N. 7th St, Camden 2, NJ	WO6-3118
	R&F CORP	**Hudson, NH**	**TU2-5195**
	J Howard #12 *80 D 895-1795-1650		
Ala	Roy Attaway Co	2115 Bob Wallace Ave, Huntsville	534-2811
Ariz	Gerald E Miller Co	1558 N Highland Ave, Hollywood 28, Cal	HO2-1195
Cal	Tech-Ser Inc	3540 Wilshire Blvd, Los Angeles	DU5-1765
Cal	Tech-Ser Inc	640 Donohoe St, E Palo Alto	DA5-3251
Colo	Parrish Electronics	1804 S. Paul, Denver 10, Colo	SK6-6884
Del	Polymetric Devices Co	2039 Fortune Rd, Glenside, Pa	TU7-4873
DC	Polymetric Devices Co	2039 Fortune Rd, Glenside, Pa	TU7-4873
Fla	Roy Attaway Co	711 Magnolia Ave, Orlando	GA4-3981
Ga	Roy Attaway Co	1635 Heatherwood Dr, Decatur, Ga	ME4-8983
Idaho	Stanley Enterprises	127 River St, Seattle, Wash	PA3-3320
Md	Polymetric Devices Co	2039 Fortune Rd, Glenside, Pa	TU7-4873
Mass	Andrews-Peskin Co	P O Box 394, Natick	OL3-7919
Mich	Elliott-Sales Co	23473 Concord Dr, Birmingham	MI4-4600
Miss	Roy Attaway Co	1635 Heatherwood Dr, Decatur, Ga	ME4-8983
Mont	Stanley Enterprises	127 River St, Seattle 8, Wash	PA3-3320
NJ	Instrumentation Sales Co	20 Jerome Ave, Glen Rock, NJ	GI5-5210
NJ	Polymetric Devices Co	2039 Fortune Rd, Glenside, Pa	TU7-4873
NM	Parrish Electronics	1804 S. St. Paul, Denver 10, Colo	SK6-6884
NY	Instrumentation Sales Co	20 Jerome Ave, Glen Rock, NJ	GI5-5210
NC	Roy Attaway Co	1635 Heatherwood Dr, Decatur, Ga	ME4-8983
Ohio	Elliott Sales Co	23473 Concord Dr, Cleveland 16, Ohio	ED1-8911
Ore	Stanley Enterprises	127 River St, Seattle 8, Wash	PA3-3320
Pa	Polymetric Devices Co	2039 Fortune Rd, Glenside, Pa	TU7-4873
Pa	H E Ransford Co	5400 Clairton Blvd, Pittsburgh 36, Pa	TU4-3425
SC	Roy Attaway Co	1635 Heatherwood Dr, Decatur, Ga	ME4-8983
Tenn	Roy Attaway Co	1635 Heatherwood Dr, Decatur, Ga	ME4-8983
Utah	Parrish Electronics	1804 S. St. Paul, Denver 10, Colo	SK6-6884
Va	Polymetric Devices Co	2039 Fortune Rd, Glenside, Pa	TU7-4873
Wash	Stanley Enterprises	127 River St, Seattle 8, Wash	PA3-3320
W. Va	H E Ransford Co	5400 Clairton Blvd, Pittsburgh 36, Pa	TU4-3425
Wyo	Parrish Electronics	1804 S. St. Paul, Denver 10, Colo	SK6-6884
For	Controls & Inst (Overseas) Co	35 E 40th St, New York 16, NY	MU5-5231
Foreign	L Brooke Edwards	25 Palmeira Ave, Hove 3, Sussex, England	
•	**RF PRODUCTS DIV. AMPHENOL-BORG ELECTRONICS CORP**	**33 E Franklin St. Danbury, Conn**	**PI3-9272**
	J Hemeke #20 *800 G 25-45-190-345-845-1135-1315-1460-1735-1960		
Ala	Hollingsworth & Still	508 Whitehead Bldg, Atlanta 3, Ga	MU8-5878
Alas	Don Smith Sales Co	2320 N 45th St. Seattle, Wash	ME3-3160
Ariz	R E McClendon Co., The	915 Yale Blvd. SE, Albuquerque, NM	CH3-4551
Ark	Jack F McKinney Sales Co	1303 Chemical St. Dallas, Tex	RI1-1368
Cal	Eichorn & Melchior Inc	937 Terminal Way, San Carlos	LY1-7383
Cal	Premmco, Inc	5470 Valley Blvd. Los Angeles	CA2-0167
Colo	R G Bowen Co. Inc	771 S Broadway, Denver	SH4-2501
Conn	Richard Purinton Inc	3647 Whitney Ave. Hamden	AT8-3366
Del	Boenicke Assoc	5505 Westfield Ave. Pennsauken, NJ	NO2-8650
DC	Callas-Cross Electronics Inc	1517 Ingleside, Baltimore, Md	RI4-2466
Fla	W Rex Wimberly Co	572 E Fort Harrison Ave. Clearwater	446-7072
Ga	Hollingsworth & Still	508 Whitehead Bldg. Atlanta 3	MU8-5878
Haw	B J Hardin Sales Co	735 Cook St. Honolulu	511-755
Idah	Don Smith Sales Co	2320 N 45th St. Seattle, Wash	ME3-3160
Ill	Gassner & Clark Co	6644 N Western Ave. Chicago	RO4-6121
Ill	John W McCune Co	Box 16, Florissant, Mo	TE7-3188
Ind	L M DeVine Co	4011 Washington Blvd. Indianapolis	AT3-1395
Iowa	Gassner & Clark Co	6644 N Western Ave, Chicago, Ill	RO4-6121
Iowa	H A Roes & Co	3601 Cherry St. Kansas City, Mo	BA1-0866
Kan	H A Roes & Co	411 E Main St. Wichita	AM2-1454
Ky	L M DeVine Co	4011 Washington Blvd. Indianapolis, Ind	AT3-1395
La	Jack F McKinney Sales Co	1102 Fairway, Kenner	
Me	Richard Purinton Inc	11 Murray St. Lexington 73, Mass	VO2-8300
Md	Callas-Cross Electronics, Inc	1517 Ingleside, Baltimore	RI4-2466
Mass	Richard Purinton Inc	11 Murray St. Lexington 73	VO2-8300
Mich	Gassner & Clark Co	6644 N Western Ave, Chicago, Ill	RO4-6121
Mich	R C Nordstrom Co	Briggs Bldg. Birmingham	MI4-1110
Minn	Fred B Hill	6110 Excelsior Blvd. Minneapolis	WE9-6727
Miss	Jack F McKinney Sales Co	1303 Chemical St. Dallas, Tex	RI1-1368
Mo	John W McCune Co	Box 16, Florissant	TE7-3188
Mont	R G Bowen Co. Inc	771 S Broadway, Denver, Colo	SH4-2501
Mont	Don Smith Sales Co	2320 N 45th St. Seattle, Wash	ME3-3160
Neb	H A Roes & Co	3601 Cherry St. Kansas City, Mo	BA1-0866
Nev	Eichorn & Melchior Inc	937 Terminal Way, San Carlos, Cal	LY1-7383
Nev	Premmco Inc	5470 Valley Rd. Los Angeles, Cal	CA2-0167
NH	Richard Purinton, Inc	11 Murray St. Lexington, Mass	VO2-8300
NJ	Myron Rose	29 Broadview Ave, Madison	FR7-2002
NJ	Boenicke Assoc	5505 Westfield Ave, Pennsauken	NO2-8650
NM	R E McClendon Co., The	915 Yale Blvd. SE, Albuquerque	CH3-4551
NY	Fowler Assoc. Inc	Lewis Rd. Irvington-On-The-Hudson	ST4-1100
NC	Atherson & Adams	601 N Elm St, Greensboro	BR2-6898
ND	Fred B Hill	6110 Excelsior Blvd, Minneapolis, Minn	WE9-6727
Ohio	Components Engineering Co	7461 N Linden Ln. Cleveland	VI2-2737
Okla	Jack F McKinney Sales Co	4512 E 32nd St, Tulsa 35	
Ore	Don Smith Sales Co	2320 N 45th St, Seattle, Wash	ME3-3160
Pa	Boenicke Assoc	5505 Westfield Ave, Pennsauken, NJ	NO2-8650
Pa	Components Engineering Co	7461 N Linden Ln, Cleveland, Ohio	VI2-2737
RI	Richard Purinton, Inc	11 Murray St, Lexington, Mass	VO2-8300
SC	Atherson & Adams	601 N Elm St, Greensboro, NC	BR2-6898
SD	Fred B Hill	6110 Excelsior Blvd, Minneapolis, Minn	WE9-6727
Tenn	Hollingsworth & Still	508 Whitehead Bldg, Atlanta 3, Ga	MU8-5878
Tex	Jack F McKinney Sales Co	1303 Chemical St Dallas	RI1-1368
Utah	R G Bowen Co, Inc	453 E 3rd St, Salt Lake City	EM3-4588
Vt	Richard Purinton, Inc	11 Murray St, Lexington, Mass	VO2-8300
Va	Callas-Cross Electronics Inc	1517 Ingleside, Baltimore, Md	RI4-2466
Wash	Don Smith Sales Co	2320 N 45th St, Seattle	ME3-3160
W Va	Components Engineering Co	7461 N Linden Ln, Cleveland 30, Ohio	VI2-2737
Wis	Gassner & Clark Co	6644 N Western Ave, Chicago, Ill	RO4-6121
Wis	Fred B Hill	6110 Excelsior Blvd, Minneapolis, Minn	WE9-6727
Wyo	R G Bowen Co, Inc	771 S Broadway, Denver, Colo	SH4-2501
For	Amphenol-Borg General Offices	Broadview, Ill	
	R-J AUDIO PRODUCTS	**80 Shore Rd, Pt. Washington, NY**	**PO7-7700**
	55		
	Sales Representatives: See Garland Sales Corp		
	RLC ELECTRONICS, INC	**805 Mamaroneck Ave, Mamaroneck, NY**	**OW8-3913**
	C Burch #5 *25 C 50-190-325-385-505-670-895-1045-1135		
Ark	N S Brown Assoc	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Colo	Kelley Enterprises	336 E 4th St, Loveland	NO7-1376
Del	James R Eberly Co	1700 "K" St. NW, Washington, DC	DI7-2667
DC	James R Eberly Co	1700 "K" St, NW, Washington	DI7-2667
Idah	Kelley Enterprises	336 E 4th St, Loveland, Colo	NO7-1376
Kan	Penner Sales	800 W 92nd St, Overland Pk	NI8-4955
La	N S Brown Assoc	5852 Baton Roca Dr, Dallas, Tex	EM3-3698
Md	James R Eberly Co	12 W 22nd St, Baltimore 18	HO7-8571
Mo	Penner Sales Co	800 W 92nd St, Overland Pk, Kan	NI8-4955
NJ	North Central Assoc	44 N Dean St, Englewood	LO8-0808
NJ	G W Miller Co	Box 240, Haddonfield	HA9-2440
NY	Central Assoc	11 Nail Dr, Old Bethpage	PY6-0677
Pa	G W Miller Co	Box 240, Haddonfield, NJ	HA9-2440
Tex	Kelley Enterprises	336 E 4th St, Loveland, Colo	NO7-1376
Tex	N S Brown Assoc	5852 Baton Roca Dr, Dallas	EM3-3698
	R M S ASSOCIATES INC	**805 Mamaroneck Ave, Mamaroneck, NY**	**OW8-5802**
	C Mucheover #6 *30 C 338-360-895-1150-1515-1555-1735-1915		
Conn	Anderson-Stone Eng	Newton, Mass	WO9-9560
Conn	Brogan Assoc	Mineola, NY	PI7-3230
Del	S & S Assoc	4509 Calvert Rd, College Pk, Md	AP7-3777
DC	S & S Assoc	College Pk, Md	AP7-3777
Ky	Lowry Dietrich Co	333 W. 1st St, Dayton, Ohio	BA3-6042
Md	S & S Assoc	4509 Calvert Rd, College Pk	AP7-3777
Mass	Anderson-Stone Eng	2300 Washington St Newton	WO9-9560
NH	Anderson-Stone Eng	Newton, Mass	WO9-9560
NJ	Brogan Assoc	Mineola, NY	PI7-3230
NJ	S & S Assoc, Inc	King of Prussia, Pa	BR9-7192
NY	Brogan Assoc, Inc	220 Jericho Tpke, Mineola	PI7-3230
NY	Brogan Assoc, Inc	322 Fernell Way, Camillus	OR2-8290
Ohio	Lowry Dietrich Co	333 W. 1st St, Dayton	BA3-6042
Ohio	Lowry Dietrich Co	316 Marion Bldg, Cleve	SU1-1855
Pa	S & S Assoc	780 W. DeKalb Pike, King of Prussia	CH8-1959
Pa	Lowry Dietrich Co	713 Clairton Blvd, Pittsbgh	TU1-2228
RI	Anderson-Stone Eng	Newton, Mass	WO9-9560
Vt	Anderson-Stone Eng	Newton, Mass	WO9-9560
Va	S & S Assoc	College Park, Md	AP7-7377
W Va	Lowry Dietrich Co	713 Clairton Blvd, Pittsbgh, Pa	TU1-2228
	RMS ENGINEERING INC	**95 Bennett St. NW, Atlanta 9, Ga**	**876-4648**
	W Wright 515-895-1425		
Ala	E G Holmes & Assoc	4596 Roswell Rd. NE, Atlanta 5, Ga	BL5-6660
Fla	E G Holmes & Assoc	330 S. Bumby St. Orlando	CH1-2128
Ga	E G Holmes & Assoc	4596 Roswell Rd. NE, Atlanta 5, Ga	BL5-6660
NC	E G Holmes & Assoc	440 W. Market St, Greensboro, NC	BR2-0855
SC	E G Holmes & Assoc	4569 Roswell Rd. NE, Atlanta, Ga	BL5-6660
Va	E G Holmes & Assoc	440 W. Market St. Greensboro, NC	BR2-0855
•	**R S ELECTRONICS CORP**	**Box 11360, Sta A, Palo Alto, Cal**	**DA1-1130**
	W Burton #10 *55 E 275-365-385-670-775-895-915-1135-1145-1150-1240-1395-1425-1455-1610-1645-1870-1915		
DC	Fred G Harlow	732 Barr Bldg, Wash 6, DC	ST3-3572
	R-TRONICS INC	**34-20 Jamaica Ave, Jamaica 18, NY**	**RE9-2783**
	H Salzman #5 *40 C 895-1150-1280-1475		
Cal	Peninsula Electronic Assoc	5057 W. Wash. Blvd, LA	
Mass	V J Hudson Assoc, Inc	508 Belmont Ave. Springfield	ST8-8516
Ohio	Arnold Johnson	1020 Montgomery Rd. Cinc 36	LO1-8826
Okla	V J Sykes Assoc, Inc	2508 Inwood Rd. Dallas 35, Tex	FL2-6943
Pa	Lewis Slutin	5305 Fairmount Ave. Phila	CE6-2072
Tex	V J Sykes Assoc, Inc	2508 Inwood Rd. Dallas 35	FL2-6943
	RACAL ENGINEERING LTD	**Western Rd, Bracknell, Berks, England**	**BR941**
	A Prynne 895-1425-1870		
DC	W J Zollo	361 Constitutional Ave, N.W., Wash 1, DC	
Mass	H J Zollo	134 Highland Ave. Somerville 43	MO6-4236
Canada	Instronics Ltd	Box 100, Stittsville, Ontario, Canada	
Foreign	Technical Factors Ltd	52-2 Imazucho, Tokyo, Japan	
	RACON ELECTRIC CO. INC	**1261 Broadway, New York 1, NY**	**MU4-6254**
	A Abrahams #4 *35 D 530-860-1675-1855		
Ala	Clark Adair Co	1987 Silverstone Dr, Decatur, Ga	HI3-4321
Ariz	Verne Lindsley Co	2902 W Villa St, Phoenix 9	AP8-2266
Ark	Campion Sales Co	9002 Chancellor Row, Dallas, Tex	FL7-4095
Cal	Bernard L Cohn Co	470 Market St. San Francisco 11	SU1-7991
Cal	Wallace & Wallace	1206 Maple Ave, Los Angeles	RI7-0401
Colo	William J Peyner & Co	1501 N Weber St, Colorado Springs	ME4-3401
Conn	Robert Smith	59 Verndale St, Brookline 46, Mass	AS7-0017
Del	John Mustico Co	1728 S State Rd, Upper Darby, Pa	SH8-1062
DC	John Mustico Co	1728 S State Rd, Upper Darby, Pa	SH8-1062
Fla	Winfield Electronic Sales	666 NE 125th St, N Miami 61	PL1-6586
Ga	Clark Adair Co	1987 Silverstone Dr, Decatur	HI3-4321
Haw	Bernard L Cohn Co	470 Market St. San Francisco 11, Cal	SU1-7991
Idah	Dale G Weber Co	9 SE Clay St, Portland 14, Ore	BE4-7671
Idah	Wm J Peyner & Co	1501 N Weber St, Colorado Springs, Colo	ME4-3401
Ill	W E Fry & Co, Inc	406 W 34th St, Kansas City 11, Mo	JE1-5236
Ill	Oren H Smith	221 W Huron St, Chicago 10	SU7-7919
Ill	Mike Berman	9631 E Prairie Rd, Skokie	OR5-3740
Ind	Hoemig Sales Co	3405 Butler Ct, Ft Wayne	AN2083
Iowa	W E Fry & Co, Inc	406 W 34th St, Kansas City, Mo	JE1-5236
Iowa	Mike Berman	9631 E Prairie Rd, Skokie	OR5-3740
Kan	W E Fry & Co, Inc	406 W 34th St, Kansas City, Mo	JE1-5236
Ky	Hoemig Sales Co	3405 Butler Ct, Ft Wayne, Ind	AN2083
La	Campion Sales Co	9002 Chancellor Row, Dallas 7, Tex	FL7-4095
Me	Robert Smith	59 Verndale St, Brookline 46, Mass	AS7-0017
Md	John Mustico Co	1728 S State Rd, Upper Darby, Pa	SH8-1062
Mass	Robert Smith	59 Verndale St, Brookline 46	AS7-0017
Mich	Grant Shaffer Co	1474 Fenkell Ave, Detroit 27	BR3-5993
Minn	Northern States Sales Co	1400 Park Ave, Minneapolis 4	FE3-2521
Miss	L R Massey Co	304 E Jefferson St, Greenwood	GL3-3038
Mo	W E Fry & Co, Inc	406 W 34th St, Kansas City 11	JE1-5236
Mont	Dale G Weber Co	9 SE Clay St, Portland 14, Ore	BE4-7671
Mont	Wm J Peyner & Co	1501 N Weber St, Colorado Springs, Colo	ME4-3401
Neb	W E Fry & Co, Inc	406 W 34th St, Kansas City 11, Mo	JE1-5236
Neb	Wm J Peyner & Co	1501 N Weber St, Colorado Springs, Colo	ME4-3401
Nev	Bernard L Cohn Co	470 Market St, San Francisco 11, Cal	SU1-7991
Nev	Wallace & Wallace	1206 Maple Ave, Los Angeles, Cal	RI7-0401
NH	Robert Smith	59 Verndale St, Brookline 46, Mass	AS7-0017
NJ	Stang Sales Corp	271 Columbus Ave, Tuckahoe, NY	SP9-6868
NJ	John Mustico Co	1728 S State Rd, Upper Darby, Pa	SH8-1062
NM	Verne Lindsley Co	2902 W Villa St, Phoenix 9, Ariz	AP8-2266
NY	Stang Sales Corp	271 Columbus Ave, Tuckahoe	SP9-6868
NY	Jack Brown Assoc	207 Rosedale Rd, Yonkers	SP9-7330
NC	Clark Adair Co	1987 Silverstone Dr, Decatur, Ga	HI3-4321
ND	Northern States Sales Co	1400 Park Ave, Minneapolis 4, Minn	FE3-2521
Ohio	Weller-Rohe Co	P O Box 212, Worthington	TU5-7919
Okla	Campion Sales Co	9002 Chancellor Row, Dallas 7, Tex	FL7-4095
Ore	Dale G Weber Co	9 SE Clay St, Portland 14	BE4-7671
Pa	John Mustico Co	1728 S State Rd, Upper Darby, Pa	SH8-1062
Pa	Weller-Rohe Co	P O Box 212, Worthington, Ohio	TU5-7919
RI	Robert Smith	59 Verndale St, Brookline 46, Mass	AS7-0017
SC	Clark Adair Co	1987 Silverstone Dr, Decatur, Ga	HI3-4321
SD	Northern States Sales Co	1400 Park Ave, Minneapolis 4, Minn	FE3-2521
Tenn	Clark Adair Co	1987 Silverstone Dr, Decatur, Ga	HI3-4321
Tenn	L R Massey Co	304 E Jefferson St, Greenwood, Miss	GL3-3038
Tex	Verne Lindsley Co	2902 W Villa St, Phoenix 9, Ariz	AP8-2266
Tex	Campion Sales Co	9002 Chancellor Row, Dallas 7	FL7-4095
Utah	William J Peyner & Co	1501 N Weber St, Colorado Springs, Colo	ME4-3401
Vt	Robert Smith	59 Verndale St, Brookline 46, Mass	AS7-0017
Va	John Mustico Co	1728 S State Rd, Upper Darby, Pa	SH8-1062
Wash	Dale G Weber Co	9 SE Clay St, Portland 14, Ore	BE4-7671
W Va	Weller-Rohe Co	P O Box 212, Worthington, Ohio	TU5-7919
Wis	Northern States Sales Co	1400 Park Ave, Minneapolis 4, Minn	FE3-2521
Wis	Mike Berman	9631 E Prairie Rd, Skokie, Ill	OR5-3740
Wyo	William J Peyner & Co	1501 N Weber St, Colorado Springs, Colo	ME4-3401
Can	Active Radio-TV Ltd	431 King St W, Toronto 2B, Ont	EM4-2256
For	Joseph Plasencia Inc	401 Broadway, New York 13, NY	WA5-3410
	RADA PRODUCTS CO	**2911 W. Carroll Ave, Chicago 12, Ill**	**NE8-0662**
	140-260-1120		
•	**RADAR DESIGN CORP**	**Pickard Dr, Syracuse 11, NY**	**GL4-4410**
	B De Mik #4 *15 C 670-1135		
Conn	Stanley Assoc	19 E Evergreen Rd. Natick, Mass	OL5-1182
Del	Billis Sales Co	50 Ballad Ln. Levittown, NJ	TR7-3417
DC	Billis Sales Co	50 Ballad Ln. Levittown, NJ	TR7-3417
Me	Stanley Assoc	19 E Evergreen Rd. Natick, Mass	OL5-1182
Md	Billis Sales Co	50 Ballad Ln. Levittown, NJ	TR7-3417
Mass	Stanley Assoc	19 E Evergreen Rd. Natick	OL5-1182
NH	Stanley Assoc	19 E Evergreen Rd. Natick, Mass	OL5-1182
NJ	Billis Sales Co	50 Ballad Ln. Levittown	TR7-3417
NJ	Burmar Assoc	156 N Franklin St, Hempstead, NY	IV5-7050
NY	Burmar Assoc	156 N Franklin St, Hempstead	IV5-7050
Pa	Billis Sales Co	50 Ballad Ln, Levittown, NJ	TR7-3417
RI	Stanley Assoc	19 E Evergreen Rd. Natick, Mass	OL5-1182
Vt	Stanley Assoc	19 E Evergreen Rd. Natick, Mass	OL5-1182
Va	Billis Sales Co	50 Ballad Ln. Levittown, NJ	TR7-3417
•	**RADAR MEASUREMENTS CORP**	**190 Duffy Ave, Hicksville, NY**	**OV1-5600**
	M McBride #6 *28 C 25-385-895-1045-1135		
Ala	Maitland K Smith Co	117 N. Keystone Dr, Clearwater, Fla	TR5-8031
Alaska	Don Smith Sales	2320 N. 45th St, Seattle, Wash	
Ariz	Francis Associates	249 Crestmont Dr, El Paso, Tex	JU4-2903
Cal	Westron Sales & Eng	201 Town & Country Village, Palo Alto	DA1-7341
Cal	Westron	7417 Melrose Ave, Los Angeles, Cal	WE3-7276
Colo	Lawrence Francis	249 Crestmont Dr, El Paso, Tex	JU4-2903
Conn	Richard F MacDowell Co., Inc	Box 102, Melrose 76, Mass	NO5-8893
Fla	Maitland K Smith Co	117 N. Keystone Dr, Clearwater, Fla	TR5-8031
Ga	Maitland K Smith Co	117 N. Keystone Dr, Clearwater, Fla	TR5-8031
Ill	Jerome H Kiefer Co	117 Sunset Ave, Glen Ellyn	2297
Ind	Walter Brauer & Associates	15611 Lakewood Hgts Blvd, Cleve, Ohio	LA1-7268
Kan	McDowell Redlingshafer Sales Co	3615 Olive St, St. Louis, Mo	JE3-3277
Ky	Walter Brauer & Associates	15611 Lakewood Hgts Blvd, Cleve, Ohio	LA1-7268
Me	Richard F MacDowell Co., Inc	Box 102, Melrose 76, Mass	NO5-8893
Md	Holden Eng & Sales	1131 Gypsy Ln W, Towson 4	VA3-3763
Mass	Richard F MacDowell Co., Inc	Box 102, Melrose 76, Mass	NO5-8893
Minn	Arthur Eng Sales Co	P.O. Box 2702, Milwaukee 19, Wis	GA5-5919
Miss	Maitland K Smith Co	117 N. Keystone Dr, Clearwater, Fla	TR5-8031
Mo	McDowell Redlingshafer Sales Co	3615 Olive St, St. Louis, Mo	JE3-3277
Mo	N S Brown Assoc	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
NH	Richard F MacDowell Co., Inc	Box 102, Melrose 76, Mass	NO5-8893
NJ	Harvey J Kramer Assoc	33 Great Neck Rd, Great Neck, NY	HU7-0690
NJ	C E Snow Co	909 E. Ellena St, Philadelphia 50, Pa	LI8-4043
NM	Lawrence Francis	249 Crestmont Dr, El Paso, Tex	JU4-2903
NY	Harvey J Kramer Assoc	33 Great Neck Rd, Great Neck	HU7-0690
NC	Maitland K Smith Co	117 N. Keystone Dr, Clearwater, Fla	TR5-8031
Ohio	Walter J Brauer & Associates	15611 Lakewood Hgts Blvd, Cleveland	LA1-7268
Ore	Don Smith Sales	2320 N. 45th St, Seattle, Wash	
Pa	C E Snow Co	909 E. Ellena St, Philadelphia 50, Pa	LI8-4043
RI	Richard F MacDowell Co., Inc	Box 102, Melrose 76, Mass	NO5-8893

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
SC	Maitland K Smith Co	117 N. Keystone Dr, Clearwater, Fla	TR5-8031
Tenn	Maitland K Smith Co	117 N. Keystone Dr, Clearwater, Fla	TR5-8031
Tex	N S Brown Assoc	5652 Boca Raton Dr, Dallas 30	EM3-3691
Tex	Lawrence Francis	249 Crestmont Dr, El Paso, Tex	JU4-2563
Vt	Richard F MacDowell Co., Inc	Box 102, Melrose 76, Mass	NO5-1893
Wash	Don Smith Sales	2320 N. 45th St, Seattle, Wash	
Wis	Arthur Eng Sales & Co	Box 2702, Milwaukee 19	GA5-5919
For	Dale Electronics Ltd	109 Jermyn St, London SW 1, Eng	WH4856
	RADAR RELAY INC	**2322 Michigan Ave, Santa Monica, Cal**	**EX4-2230**
	R Sil #4 *500 E 40-685-1735		
Ala	Chas Proctor Co	PO Box 3165, Orlando, Fla	GA5-7603
Ariz	Bowen & Carlberg	P.O. Box 3177, Sta D, Albuquerque, NM	AL5-4603
Cal	Thorson Co	2443 Ash St, Palo Alto, Cal	DA1-2414
Cal	Thorson Co	444 Olive St, San Diego, Cal	CY8-8385
Cal	Thorson Co	7361 Melrose Ave, Los Angeles, Cal	WE4-1191
Colo	Thorson Co., The	3500 S Lincoln St. Englewood	SU9-1841
Conn	J A Keeneth Co	Glen Head, New York	OR6-1355
Del	William Cordts	P.O. Box 109, Easton, Pa	2-8300
DC	William Cordts	P.O. Box 109, Easton, Pa	2-8300
Fla	Chas Proctor Co	PO Box 3165, Orlando	GA5-7603
Ga	Chas Proctor Co	PO Box 3165, Orlando, Fla	GA5-7603
Ill	R S Tertune & Assoc	22 W Madison, Chicago	FI6-0063
Ind	R S Tertune & Assoc	22 W Madison, Chicago, Ill	FI6-0053
Kan	Thunderbird Eng Sales & Serv	2826 Main, Kansas City, Mo	
La	McKinney Sales Co	1102 Fairway, Kenner	KE4-5869
Me	J A Keeneth Co	Glen Head, New York	OR6-1355
Md	William Cordts	P.O. Box 109, Easton, Pa	2-8300
Mass	J A Keeneth Co	Glen Head, New York	OR6-1355
Miss	J F McKinney Sales	1102 Fairway, Kenner, La	KE4-5869
Mo	Thunderbird Eng Sales & Serv	7811 Carondelet, St Louis	PA6-1413
NH	J A Keeneth Co	Glen Head, NY	OR6-1355
NJ	William Cordts	P.O. Box 109, Easton, Pa	2-8300
NM	Bowen & Carlberg	P.O. Box 3177, Sta D, Albuquerque, NM	AL5-4603
NY	J A Keeneth Co	Glen Head	OR6-1355
NC	William Cordts	Box 109, Easton, Pa	BL2-8300
Okla	J F McKinney Sales	8512 E 32nd St. Tulsa	TE5-4730
Tex	J F McKinney Sales	1303 Chemical St. Dallas	RI1-1368
Utah	Thorson Co., The	3500 S Lincoln St. Englewood, Colo	SU9-1841
Vt	J A Keeneth Co	Glen Head, NY	OR6-1355
Va	William Cordts	Box 109, Easton, Pa	BL2-8300
Wash	Thorson Co	1767 15th Ave, S., Seattle, Wash	EA5-5000
Wis	R S Tertune & Assoc	22 W Madison, Chicago, Ill	FI6-0053
Can	Lake Engr Co Ltd	123 Manville Rd. Scarborough, Ont	PL7-3253
	RADEX CORP	**2076 N. Elston Ave, Chicago 14, Ill**	**AR6-6900**
	R Cook #4 *30 C 670-1345		
	RADIAN LABS INC	**P.O. Box 454, Mineola, NY**	**PI2-4364**
	J Bauer #4 *16 A 1545		
	RADIAPHONE CO., INC	**600 E. Evergreen Ave, Monrovia, Cal**	**MU1-0651**
	F Feinstein #14 *180 E 180-325-670-895-1070		
Cal	John Robinson	656 Jefferson, Redwood City	EM9-8273
DC	George Hatch	4301 Massachusetts Ave. NW, Wash	EM2-3637
	RADIATION APPLICATIONS INC	**36-40 37th St. LIC 1, NY**	**EM1-2170**
	H Stern #14 *65 30-900-1290-1670-1755		
Cal	Bill H Kolans & Co	219 California Dr. Burlingame	
Ill	Res Dev Production Assoc	5651 Huberville Ave. Dayton 31, Ohio	CL3-6175
Nev	Bill H Koland & Co	219 California Dr. Burlingame, Cal	DI4-7111
Ohio	Res Dev Production Assoc	5651 Huberville Ave. Dayton 31	CL3-6175
Tex	Res Dev Production Assoc	3216 Myra Ln. Dallas 34	CH7-7225
	RADIATION AT STANFORD	**3180 Hanover St. Palo Alto, Cal**	**DA6-1640**
	R Johnson #38 *135 E 330-338-365-565-895-1045-1135-1145-1340-1610-1855-1870		
Cal	John F O'Halloran & Associates	11636 Ventura Blvd, N. Hollywood, Cal	TR7-0173
NY	Burlingame Assoc	510 S. Fulton Ave. Mt. Vernon	MO4-7530
Ohio	Harvey Teplitz & Co	3543 Cornell Dr, Dayton 6, Ohio	CR7-9178
	RADIATION COUNTER LABS INC	**5121 W. Grove St, Skokie, Ill**	**OR3-8700**
	895-1135-1340-1520-1670		
Ala	The Ellison Co	632 Healey Bldg, Atlanta, Ga	JA5-0238
Ariz	Wallace & Wallace	1206 Maple Ave, Los Angeles 15, Cal	RI7-0401
Ark	Mitchell Speairs Co	4944 James Ave, Fort Worth 15, Tex	WA3-4657
Cal	White & Co	788 Mayview Ave, Palo Alto, Cal	DA1-3350
Cal	Wallace & Wallace	1206 Maple Ave, Los Angeles 15, Cal	
Colo	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Conn	M J Seavy & Sons	30 Church St, New York, NY	CO7-8025
Conn	The Howard J Schuft Co., Inc	815 Washington St, Newtonville, Mass	LA7-5304
Del	M J Seavy & Sons	30 Church St, New York, NY	CO7-8025
DC	S S Lee Associates	2521 Ennalls Ave, Wheaton, Md	LO5-3066
Fla	The Ellison Co	632 Healey Bldg, Atlanta, Ga	JA5-0238
Ga	The Ellison Co	632 Healey Bldg, Atlanta, Ga	JA5-0238
Hawaii	Pell Co., Inc	Box 1441, Honolulu, Hawaii	
Idaho	Hyde Electronics Co	2803 Connor St, Idaho Falls, Idaho	IN7-5763
Ky	Engineering Specialties	8115 Camargo Rd, Madeira, Ohio	LO1-6803
La	Mitchell Speairs Co	4944 James Ave, Fort Worth 15, Tex	WA3-4657
Me	The Howard J Schuft Co., Inc	815 Washington St, Newtonville, Mass	LA7-5304
Md	S S Lee Associates	Box 205, Lutherville, Md	VA3-3434
Mass	The Howard J Schuft Co., Inc	815 Washington St, Newtonville, Mass	LA7-5304
Mich	The Satullo Co	4512 N. Woodward, Royal Oak, Mich	LI9-3910
Miss	The Ellison Co	632 Healey Bldg, Atlanta, Ga	JA5-0238
Mont	Hyde Electronics Co	2803 Connor St, Salt Lake City, Utah	IN7-5763
Neb	W Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Nev	White & Co	788 Mayview Ave, Palo Alto, Cal	DA1-3350
Nev	Wallace & Wallace	1206 Maple Ave, Los Angeles 15, Cal	RI7-0401
NH	The Howard J Schuft Co., Inc	815 Washington St, Newtonville, Mass	LA7-5304
NJ	M J Seavy & Sons	30 Church St, New York, NY	CO7-8025
NM	Hyde Electronics Co	5706 Constitution, N.E., Albuquerque	AM8-1111
NY	M J Seavy & Sons	30 Church St, New York, NY	CO7-8025
NC	S S Lee Associates	P.O. Box 906, Winston-Salem, NC	ST8-0431
Ohio	The Satullo Co	16801 Euclid Ave, Cleveland, Ohio	IV6-2800
Ohio	Engineering Specialties	8115 Camargo Rd, Madeira, Cinn 43	LO1-6803
Okla	Mitchell Speairs Co	4944 James Ave, Fort Worth 15, Tex	WA3-4657
Pa	M J Seavy & Sons	30 Church St, New York, NY	CO7-8025
Pa	The Satullo Co	992 Perry Hwy, Pittsburgh 37, Pa	WE1-5200
RI	The Howard J Schuft Co., Inc	815 Washington St, Newtonville, Mass	LA7-5304
SC	S S Lee Associates	Box 906, Winston-Salem, NC	ST8-0431
Tenn	The Ellison Co	632 Healey Bldg, Atlanta, Ga	JA5-0238
Tex	Mitchell Speairs Co	4944 James Ave, Fort Worth 15, Tex	WA3-4657
Utah	Hyde Electronics Co	2803 Connor St, Salt Lake City, Utah	IN7-5763
Vt	The Howard J Schuft Co., Inc	815 Washington St, Newtonville, Mass	LA7-5304
Va	S S Lee Associates	2521 Ennalls Ave, Wheaton, Md	LO5-3066
W. Va	The Satullo Co	992 Perry Hwy, Pittsburgh 37, Pa	WE1-5200
Wyo	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
	RADIATION DYNAMICS INC	**1800 Shames Dr, Westbury, NY**	**ED4-3990**
	S Katz #5 *58 D 10-1135-1400		
Ariz	C W Reed Co	5959 S. Hoover St, Los Angeles 44, Cal	PL3-2221
Cal	C W Reed Co	5959 S. Hoover St, Los Angeles 44, Cal	PL3-2221
Colo	C W Reed Co	5959 S. Hoover St, Los Angeles 44, Cal	PL3-2221
Conn	Applied Technology	7 Vine St, Manchester, Mass	CA7-2700
Idaho	C W Reed Co	5959 S. Hoover St, Los Angeles 44, Cal	PL3-2221
Me	Applied Technology	7 Vine St, Manchester, Mass	CA7-2700
Mass	Applied Technology	7 Vine St, Manchester, Mass	CA7-2700
Mont	C W Reed Co	5959 S. Hoover St, Los Angeles 44, Cal	PL3-2221
Nev	C W Reed Co	5959 S. Hoover St, Los Angeles 44, Cal	PL3-2221
NH	Applied Technology	7 Vine St, Manchester, Mass	CA7-2700
NM	C W Reed Co	5959 S. Hoover St, Los Angeles 44, Cal	PL3-2221
Ore	C W Reed Co	5959 S. Hoover St, Los Angeles 44, Cal	PL3-2221
RI	Applied Technology	7 Vine St, Manchester, Mass	CA7-2700
Utah	C W Reed Co	5959 S. Hoover St, Los Angeles 44, Cal	PL3-2221
Vt	Applied Technology	7 Vine St, Manchester, Mass	CA7-2700
Wash	C W Reed Co	5959 S. Hoover St, Los Angeles 44, Cal	PL3-2221
Wyo	C W Reed Co	5959 S. Hoover St, Los Angeles, Cal	PL3-2221
Foreign	C Itoh Co of America	425 Park Ave, New York, NY	PL1-4330
	RADIATION ELECTRONICS CO DIV COMPTOMETER CORP	**5600 W. Jarvis, Chicago 48, Ill**	**SP5-2400**
	A Goldberg #12 *20 C 338-885-895		
Ala	Edwin Mack	5 Plymouth Circle, Asheville, NC	AL4-1489
Cal	Millard D Shriver	3155 Rosemead Blvd. Rosemead	AR0-8992
Colo	Rowley Bouvette, Inc	651 S Jason, Denver 23	SH4-2311
Conn	Ind & Scientific Inst	107 Old Sudbury Rd. Wayland, Mass	TW3-7453
Del	S & S Assoc	780 DeKalb Pike, King of Prussia, Pa	BR9-7192
DC	S & S Assoc	4509 Calvert Rd. College Pk, Md	AP7-3777
Fla	Wagner Prods Corp	2834 63rd Ave. S, St Petersburg	OR1-9535
Ga	Edwin Mack	5 Plymouth Circle, Asheville, NC	AL4-1489
Idah	Rowley Bouvette, Inc	955 Folsom Ave. Salt Lake City 4, Utah	DA2-2041
Iowa	James Laas	1630 State St. Bettendorf	355-6133
Kan	Gordon Fixman Eng Co	8160 Stanford Ave. St Louis, Mo	PA5-5219
Ky	Edwin Mack	5 Plymouth Circle, Asheville, NC	AL4-1489
Me	Ind & Scientific Inst	107 Old Sudbury Rd. Wayland, Mass	TW3-7453
Md	S & S Assoc, Inc	4509 Calvert Rd. College Pk	AP7-3777
Mass	Ind & Scientific Inst	107 Old Sudbury Rd. Wayland	TW3-7453
Mich	Electro Mation Assoc	4012 E Nine Mile Rd. Warren	JE9-1420
Miss	Edwin Mack	5 Plymouth Circle, Asheville, NC	AL4-1489
Mo	Gordon Fixman Eng Co	8160 Stanford Ave. St Louis	PA5-5219
Neb	James Laas	1630 State St. Bettendorf, Iowa	355-6133
Nev	Millard D Shriver	1405 Bayshore Blvd. SF 24, Cal	JU6-1376
NH	Ind & Scientific Inst Co	107 Old Sudbury Rd. Wayland, Mass	TW3-7453
NJ	S & S Assoc	780 DeKalb Pike, King of Prussia, Pa	BR9-7192
NM	Rowley Bouvette, Inc	651 S Jason, Denver 23, Colo	SH4-2311
NC	Edwin Mack	5 Plymouth Circle, Asheville	AL4-1489
Ohio	S & S Assoc, Inc	4354 W 21st St. Cleveland	ON1-9719
Ore	Western Electro-Dynamics Co	444 Dexter Horton Bldg. Seattle, Wash	MA2-4630
Pa	S & S Assoc, Inc	780 DeKalb Pike, King of Prussia	BR9-7192
RI	Ind & Scientific Inst Co	107 Old Sudbury Rd. Wayland, Mass	TW3-7453
SC	Edwin Mack	5 Plymouth Circle, Asheville, NC	AL4-1489
Tenn	Edwin Mack	5 Plymouth Circle, Asheville, NC	AL4-1489
Utah	Rowley Bouvette, Inc	955 Folsom Ave. Salt Lake City 4	DA2-2041
Vt	Ind & Scientific Inst Co	107 Old Sudbury Rd. Wayland, Mass	TW3-7453
Va	S & S Assoc, Inc	780 DeKalb Pike, King of Prussia, Pa	BR9-7192
Wash	Western Electro-Dynamics Co	444 Dexter Horton Bldg. Seattle	MA2-4630
W Va	Voss Machinery	PO Box 10325, Pittsburgh 34, Pa	WA2-1900
Wis	Pyro-Matic Inc	3220 W National Ave. Milwaukee 15	EV4-9300
For	Controls & Instruments Co	15 E 40th St. NY 16, NY	MU5-5231
	RADIATION INC	**Melbourne, Fla**	**PA3-1511**
	J Hartley, Jr *2,000 G 45-325-330-338-365-895-1145-1150-1425-1455-1610-1870		
Ala	B B Covington	5800 McCoy Rd. Orlando, Fla	GA4-0561
Cal	Radiation at Stanford	Stanford Ind. Park, Palo Alto	DA6-1640
Colo	R A Fillingham	2120 S. Birch St. Denver	SK6-3654
Del	E M Hartley	1737 H St, N.W., Washington 6, DC	EX3-5234
DC	E M Hartley	1737 H St, N.W., Washington 6, DC	EX3-5234
Fla	B B Covington	5800 McCoy Rd. Orlando	GA4-0561
Ill	D V Meyers	333 W. 1st St, Dayton 2, Ohio	BA4-1628
Ind	D V Meyers	333 W. 1st St, Dayton 2, Ohio	BA4-1628
Iowa	D V Meyers	333 W. 1st St, Dayton 2, Ohio	BA4-1628
Ky	E M Hartley	1737 H St, N.W., Washington, DC	EX3-5234
Md	E M Hartley	1737 H St, N.W., Washington, DC	EX3-5234
Mass	W E Thresher	31 N. Rd. Bedford	CR4-8360
Mich	D V Meyers	333 W. 1st St, Dayton 2, Ohio	BA4-1628
Minn	D V Meyers	333 W. 1st St, Dayton 2, Ohio	BA4-1628
Mo	D V Meyers	333 W. 1st St, Dayton, Ohio	
NH	J Petersen	P.O. Box 205, Lyons Falls, NY	LY2843
NY	D R Casale	600 Old Country Rd. Garden City	PI7-3730
Ohio	D V Meyers	333 W. First St, Dayton, Ohio	BA4-1628
Pa	C W Kropp	30th St. Station Bldg. Phila	
Tex	C W Bampy	4308 N. Central Expwy. Dallas	TA4-0523
Vt	J Petersen	P.O. Box 205, Lyons Falls, NY	LY2843
Va	E M Hartley	1737 H St, N.W., Washington, DC	EX3-5234
W.Va	E M Hartley	1737 H St, N.W., Washington, DC	EX3-5234
Wisc	D V Meyers	333 W. First St, Dayton, Ohio	BA4-1628
	RADIATION INSTR DEVEL LABS INC	**61 E North Ave, Northlake, Ill**	**MU1-2323**
	J Johnson #17 325-338-895-1575-1990		
Ala	Ridge Instrument Co	140-20 E Division Rd, Oak Ridge, Tenn	4831311
Alaska	Ray Johnston Co	1011 E. 69th St, Seattle 15, Wash	LA4-5170
Ariz	Gene French Co	138 S Second E, Salt Lake City, Utah	EM4-3057
Ark	T W Ecklund	Box 12151, Ft. Worth, Tex	PE8-9773
Cal	R W Thompson, Assoc	814 N San Antonio Rd, Palo Alto	DA1-6383
Cal	Carl A Stone Associates Inc	8971 National Blvd, Los Angeles 34	UP0-7771
Cal	Carl A Stone Associates Inc	825 N. San Antonio Rd, Palo Alto, Cal	DA6-0057
Colo	Gene French Co	3395 S. Bannock St, Englewood, Colo	SU9-3551
Conn	Applied Technology Inc	7 Vine St, Manchester, Mass	MA8559
Del	The Jay Co	2420 Wilson Blvd, Arlington 1, Va	JA4-6767
DC	The Jay Co	2420 Wilson Blvd, Arlington 1, Va	JA4-6767
Fla	Ridge Instrument Co	162 Talmeda Rd, Oak Ridge, Tenn	OA5-3333
Ga	Ridge Instrument Co	162 Talmeda Rd, Oak Ridge, Tenn	OA5-3333
Hawaii	Kentron Hawaii Ltd	1140 Kapiolani St, Honolulu 14, Hawaii	
Idaho	Ray Johnston Co	1011 E. 69th St, Seattle 15, Wash	LA4-5170
Ill	Central Engineering Sales Co	6272 W. North Ave, Chicago 39, Ill	TU9-7686
Ind	Central Engineering Sales Co	6272 W. North Ave, Chicago 39, Ill	TU9-7686
Iowa	Central Engineering Sales Co	6272 W. North Ave, Chicago 39, Ill	TU9-7686
Iowa	Radiation Engineering Org	306 N. 92nd St, Omaha, Neb	JA5555
Kan	Radiation Engineering Org	306 N. 92nd St, Omaha, Neb	JA5555
Ky	Ridge Instrument Co	162 Talmeda Rd, Oak Ridge, Tenn	OA5-3333
La	T W Ecklund	Box 12151, Ft. Worth, Tex	PE8-9773
Me	Applied Technology Inc	7 Vine St, Manchester, Mass	MA8559
Md	The Jay Co	2420 Wilson Blvd, Arlington 1, Va	JA4-6767
Mass	Applied Technology Inc	7 Vine St, Manchester, Mass	MA8559
Mich	Central Engineering Sales Co	6272 W. North Ave, Chicago 39, Ill	TU9-7686
Minn	Central Engineering Sales Co	6272 W. North Ave, Chicago 39, Ill	TU9-7686
Miss	Ridge Instrument Co	162 Talmeda Rd, Oak Ridge, Tenn	OA5-3333
Mo	Central Engineering Sales Co	6272 W. North Ave, Chicago 39, Ill	TU9-7686
Mo	Radiation Engineering Org	306 N. 92nd St, Omaha, Neb	JA5555
Mont	Ray Johnston Co	1011 E. 69th St, Seattle 15, Wash	LA4-5170
Neb	Radiation Engineering Org	306 N. 92nd St, Omaha, Neb	JA5555
Nev	Carl Stone Associates Inc	8971 National Blvd, Los Angeles 34, Cal	UP0-7771
NH	Applied Technology Inc	7 Vine St, Manchester, Mass	MA8559
NJ	Scientific Systems Sales Corp	Box 3, Bayside 61, NY	BA5-0929
NM	Gene French Co	120 San Pedro Dr, S.E., Albuquerque, NM	AM8-2478
NY	Scientific Systems Sales Corp	Box 3, Bayside 61, NY	BA5-0929
NC	Ridge Instrument Co	162 Talmeda Rd, Oak Ridge, Tenn	OA5-3333
ND	Radiation Engineering Org	306 N. 92nd St, Omaha, Neb	JA5555
Ohio	R W Lichtinger Co	2472 Edgerton Rd, Cleveland 18, Ohio	EV2-8210
Okla	T W Ecklund	Box 12151, Ft. Worth, Tex	PE8-9773
Ore	Ray Johnston Co	1011 E. 69th St, Seattle 15, Wash	LA4-5170
Pa	S & S Assoc, Inc	780 DeKalb Pike, King of Prussia, Pa	
Pa	R W Lichtinger Co	2472 Edgerton Rd, Cleveland 18, Ohio	EV2-8210
RI	Applied Technology Inc	7 Vine St, Manchester, Mass	MA8559
SC	Ridge Instrument Co	162 Talmeda Rd, Oak Ridge, Tenn	OA5-3333
SD	Radiation Engineering Org	306 N. 92nd St, Omaha, Neb	JA5555
Tenn	Ridge Instrument Co	162 Talmeda Rd, Oak Ridge, Tenn	OA5-3333
Tex	T W Ecklund	Box 12151, Ft. Worth, Tex	PE8-9773
Utah	Gene French Co	120 San Pedro Dr, S.E., Albuquerque, NM	AM8-2478
Vt	Applied Technology Inc	7 Vine St, Manchester, Mass	MA8559
Va	The Jay Co	2420 Wilson Blvd, Arlington 1, Va	JA4-6767
Wash	Ray Johnston Co	1011 E. 69th St, Seattle 15, Wash	LA4-5170
W. Va	R W Lichtinger Co	2472 Edgerton Rd, Cleveland 18, Ohio	EV2-8210
Wisc	Central Engineering Sales Co	6272 W. North Ave, Chicago 39, Ill	TU9-7686
Wyo	Gene French Co	3395 S. Bannock St, Englewood, Colo	SU9-3551
Foreign	Intertechnique Div Nucleaire	94 Ave de Paris, Versailles, France	VE950-5562
Foreign	Columbia Imp & Exp Co Ltd	5-1chome, Shiba-Tamura, Tokyo, Japan	TO(59) 7206-9
	RADIATION RESEARCH CORP	**1150 Shames Dr, Westbury, NY**	**ED3-5882**
	J Brown #7 *20 B 70-220-895-1290-1670-1810-1880		
	RADIATION TECHNOLOGY INC	**657 Antone St. NW, Atlanta 18, Ga**	**TR3-2632**
	W Champion #5 *7 40-250-338-475-895-915-1575-1810		
	RADIO CONDENSER CO	**Davis & Copewood, Camden 3, NJ**	**EM5-5500**
	R Butor #110 *2189 G 220-320-670-880-895-1135-1895		
Ariz	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
Ark	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
Cal	C A Stone Assoc, Inc	8971 National Blvd. LA 34	UP0-7771
Cal	Carl A Stone Associates	825 N. San Antonio Rd, Palo Alto, Cal	DA6-0057
Colo	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
Conn	Radio Condenser Co	15 Exchange Pl. Jersey City 2, NJ	HE2-3808
Idaho	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
Ill	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
Ind	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
Iowa	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
Kan	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
Ky	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
La	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
Me	Radio Condenser Co	15 Exchange Pl. Jersey City 2, NJ	HE2-3808
Mich	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
Minn	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
Mo	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
Mont	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
Neb	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
Nev	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
NH	Radio Condenser Co	15 Exchange Pl. Jersey City 2, NJ	HE2-3808
NM	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
NY	Radio Condenser Co	15 Exchange Pl. Jersey City 2, NJ	HE2-3808
ND	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
Okla	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
Ore	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
RI	Radio Condenser Co	15 Exchange Pl. Jersey City 2, NJ	HE2-3808
SD	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
Tenn	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
Tex	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
Utah	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
Vt	Radio Condenser Co	15 Exchange Pl. Jersey City 2, NJ	HE2-3808
Wisc	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
Wyo	Radio Condenser Co	4335 Armitage Ave, Chicago 39, Ill	SP2-4411
Foreign	L L Linthorne Co	15 Moore St, New York 4, NY	BO9-6272
•	**RADIO CORES INC**	**9540 Tulley Ave, Oak Lawn, Ill**	**GA2-3353**
	C Nau #4 *103 380		
	RADIO CORP OF AMERICA, DEFENSE ELECTRONIC PRODS	**Bldg. 15-2, Camden, NJ**	**WO3-8000**
	G Deggy #3,525 *18,450 G 35-45-280-325-338-360-775-885-895-910-1060-1130-1150-1225-1275-1395-1425-1435-1590-1725-1835-1845-1870-1910		
Ala	RCA	112 Gallatin St. SW, Huntsville	JE9-7381
Ariz	RCA	Box 5644, Tucson	MA3-0381
Cal	RCA	1560 N Vine St. Los Angeles	HO9-2154
Colo	RCA	512 S Tejon St. Colorado Springs	ME4-6595
DC	RCA	1725 K St. NW, Washington	FE7-8500

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Mass	RCA	Box 598, Burlington	BR2-1500
NY	RCA	304 N George St, Rome	FF7-1000
Ohio	RCA	224 N Wilkinson St, Dayton 2	BA6-2366
Wash	RCA	FAA Bldg, Boeing Fld, Box 2, Seattle 8	PA5-4780
For	RCA International	30 Rockefeller Plaza, New York, NY	JU6-3900

RADIO CORP OF AMERICA ELECTRON TUBE DIV 415 S. 5th St, Harrison, NJ HU5-3900
K Shofler 25-70-220-235-330-560-810-895-965-990-1075-1100-1135-1150-1445-1450-1795-1860-1880

Cal	Radio Corp of America	6355 E. Washington Blvd, L A 22, Cal	RA3-8361
DC	Radio Corp of America	1625 K St, Washington 6, DC	DI7-1260
Ill	Radio Corp of America	Merch Mart Plaza, Chicago 54, Ill	WH4-2900
NJ	Radio Corp of America	744 Broad St, Newark 2, NJ	HU5-3900
Ohio	Radio Corp of America	224 N. Wilkinson Blvd, Dayton 2, Ohio	BA6-2366

• **RADIO CORP OF AMERICA INDL ELECTRONIC PRODS** Front & Cooper, Camden, NJ WO3-8000
45-325-895-910-1135-1395-1425-1655-1845-1870

• **RADIO CORP OF AMERICA SEMICONDUCTOR & MATERIALS DIV** Rt 202, Somerville, NJ RA2-3200
T Hays 220-240-330-380-590-1075-1150-1445-1860

Cal	RCA	Box 54074, Los Angeles 54	RA3-8361
Cal	RCA	1838 El Camino Real, Burlingame	OX7-1620
DC	RCA	1625 K St, Washington 6, DC	DI7-1260
Fla	RCA	1520 Edgewater Dr, Orlando	GA4-4768
Ill	RCA	Merchandise Mart Plaza, Chicago 54, Ill	WH4-2900
Md	RCA	Greater Baltimore Area	EN9-1850
Mass	RCA	64 A St, Needham Heights 94, Mass	HI4-7200
Mich	RCA	714 New Ctr Bldg, Detroit 2, Mich	TR5-5600
Minn	RCA	5805 Excelsior Blvd, Minneapolis 16	WE9-0676
NJ	RCA	744 Broad St, Newark, NJ	HU5-3900
NJ	RCA	605 Marlton Pike, Erlton	HA8-4802
NY	RCA	731 James St, Syracuse 3	GR4-5591
Ohio	RCA	224 N. Wilkinson St, Dayton 2, Ohio	BA6-2366
Tex	RCA	7905 Carpenter Freeway, Dallas 7	FL7-8167

RADIO DEVELOPMENT & RESEARCH CORP 100 Pennsylvania Ave, Paterson, NJ LA5-2200
K Gerlach #18 *475 E 20-25-255-275-320-338-360-345-465-475-500-550-895-915-1045-1135-1165-1340-1420-1445-1455-1850-1860-1915-1935

Cal	Paul F Wirey Co	3532 Silver Lake Blvd, Los Angeles 26	NO3-8028
Del	W H Sherritt	Commercial Trust Bldg, Philadelphia, Pa	LO8-0590
Ind	Midwest Sales Co	3219 W. 117th St, Cleveland 11, Ohio	WI1-2700
Ky	Midwest Sales Co	3219 W. 117th St, Cleveland 11, Ohio	WI1-2700
Mass	Sales Assoc. of NE	10 Chester St, Somerville 44	SO6-0917
NJ	John Dillassi Associates Inc	90 Main St, Port Washington, NY	PO7-0470
NJ	W H Sherritt	Commercial Trust Bldg, Philadelphia, Pa	LO8-0590
NY	John Dillassi Associates Inc	90 Main St, Port Washington, NY	PO7-0470
Ohio	Jee Engineering Co	1721 3rd St, Dayton 3, Ohio	CL3-2151
Okla	Electro Mechanical Association	6115 Denton Dr, Dallas 19, Tex	FL2-3389
Pa	Midwest Sales Co	3219 W. 117th St, Cleveland, Ohio	WI1-2700
Pa	W H Sherritt	Commercial Trust Bldg, Philadelphia, Pa	LO8-0590
Tex	Electro Mechanical Association	6115 Denton Dr, Dallas 19, Tex	FL2-3389
Vt	W Schmuck	P.O. Box 351, Bedford, Mass	CA7-0697
Wash	James Findley Co	Box 737, Bellevue	GL4-5280

RADIO ENGINEERING LABS INC 29-01 Borden Ave, L I City 1, NY ST6-2100
H Sodeweene #40 *700 F 320-325-365-670-895-1035-1045-1135-1145-1330-1340-1425-1445-1585-1730-1840-1855-1870

Cal	Robert C Walton	475 S 12 St, San Jose	CY2-2505
DC	Radio Engineering Labs Inc	1025 Connecticut Ave, Wash, DC	DI7-5158
NY	T Phil Rizzuti	RFD #1, Hmp Rd, Greenway, Rome	FF6-6109
For	U A Bridges	10 Park Pl, St James, London, SW1, Eng	HY2704

RADIO FREQUENCY CO., INC 44 Park St, Medfield, Mass HO7-4900
H Gower #3 *22 C 220-320-735-820

RADIO FREQUENCY LABS INC Boonton 2, NJ DE4-3100
J Jenicke #15 *185 E 365-450-520-705-895-945-1080-1330-1545-1620-1675

Ala	W A Brown & Associates, Inc	3405 Lookout Dr SE, Huntsville	JE6-8393
Ariz	Williams & Associates Inc	2261 S. Albion St, Denver 22, Colo	SK6-9405
Ark	J Y Schoonmaker Co., Inc	5329 Redfield Ave, Dallas 35, Tex	LA6-7238
Cal	Instruments for Measurements	3455 Cahuenga Blvd, Hollywood 28, Cal	HO9-7294
Colo	Williams & Associates Inc	2261 S. Albion St, Denver 22, Colo	SK6-9405
Conn	L&M Associates	511 Victor St, Saddle Brook, NJ	DI8-3070
Conn	Cowperthwait & Brodhead	570 Hillside Ave, Needham 94, Mass	
DC	W A Brown & Associates Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Fla	W A Brown & Associates, Inc	104 E Gore Ave, Orlando	GA5-5682
Fla	W A Brown & Associates Inc	201 Capron, Indian River City, Fla	AU7-0411
Ga	W A Brown & Associates, Inc	104 E Gore Ave, Orlando	GA5-5682
Hawaii	Kenton Hawaii Ltd	1140 Waimanu St, Honolulu 14, Hawaii	
Idaho	Williams & Associates, Inc	320 E 4th S, Salt Lake City, Utah	EM4-6844
Idaho	Hawthorne Electronics	Boeing Field, Seattle 8, Wash	PA5-1460
Ill	H Marsland & Co	6699 Lincoln Ave, Chicago 45, Ill	OR6-1100
Ind	H Marsland & Co	6700 E. 19 St, Indianapolis 19, Ind	FL6-4249
Iowa	H Marsland & Co	6699 Lincoln Ave, Chicago 45, Ill	OR6-1100
Kan	Engineering Services Co	247 S Pinecrest, Wichita	MU3-3751
Kan	Engineering Services Co	4500 Main St, Kansas City 11, Mo	JE1-7765
Ky	H Marsland & Co	6699 Lincoln Ave, Chicago 45, Ill	OR6-1100
La	J Y Schoonmaker Co., Inc	5329 Redfield Ave, Dallas 35, Tex	LA6-7238
Me	Cowperthwait & Brodhead	570 Hillside Ave, Needham Hgts, Mass	HI4-9430
Md	W A Brown & Associates, Inc	130 E Penn Ave, Towson	VA3-5580
Mass	Cowperthwait & Brodhead	570 Hillside Ave, Needham Heights 94	HI4-9430
Mich	W P Odell Co., Inc	26674 Center Ridge Rd, Westlake, Ohio	TR1-4000
Mich	H Marsland & Co	6699 Lincoln Ave, Chicago 45, Ill	OR6-1100
Minn	H Marsland & Co	231 N. Edgewood Ave, Mpls 27, Minn	LI5-4481
Miss	W A Brown & Associates, Inc	3405 Lookout Dr SE, Huntsville, Ala	JE6-8393
Mo	Engineering Services Co	4717 Vernon Ave, St Louis	PA6-2233
Neb	Williams & Associates Inc	2261 S. Albion St, Denver 22, Colo	
Nev	Instruments For Measurements	3455 Cahuenga Blvd, Hollywood 28, Cal	HO9-7294
NH	Cowperthwait & Brodhead	570 Hillside Ave, Needham Hgts, Mass	HI4-9430
NJ	L&M Associates	511 Victor St, Saddle Brook, NJ	DI8-3070
NM	Williams & Associates Inc	3221 Silver Ave, S.E., Albuquerque, NM	AL5-8632
NY	L & M Associates	Rex 51, Central Sta, Yonkers	WO1-5595
NY	Carse Electric Corp	1044 Bway, Albany, NY	HO2-6364
NC	W A Brown & Associates, Inc	1707 Princeton St SW, Winston-Salem	PA6-5384
Ohio	W P Odell Co., Inc	26674 Center Ridge Rd, Westlake, Ohio	TR1-4000
Ohio	W P Odell Co., Inc	2626 Salem Ave, Dayton, Ohio	CR7-4441
Okla	J Y Schoonmaker Co	5329 Redfield Ave, Dallas 35, Tex	LA6-7238
Ore	Hawthorne Electronics	700 S.E. Hawthorne Blvd, Portland, Ore	BE4-8575
Pa	L & M Associates	440 N Chapel St, Philadelphia	GE8-5065
Pa	W P Odell Co, Inc	750 Penn Ave, Pittsburgh	FA1-1271
RI	Cowperthwait & Brodhead	570 Hillside Ave, Needham Hgts, Mass	HI4-9430
Tenn	W A Brown & Associates, Inc	1707 Princeton St SW, Winston-Salem, NC	PA6-5384
Tex	J Y Schoonmaker Co., Inc	5329 Redfield Ave, Dallas 35, Tex	LA6-7238
Utah	Williams & Associates, Inc	320 E 4th S, Salt Lake City	EM4-6844
Vt	Cowperthwait & Brodhead	570 Hillside Ave, Needham Hgts, Mass	HI4-9430
Va	W A Brown & Associates Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Wash	Hawthorne Electronics	Boeing Field, Seattle, Wash	PA5-1460
W. Va	W A Brown & Associates Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Wisc	H Marsland & Co	6699 Lincoln Ave, Chicago 45, Ill	OR6-1100
Wyo	Williams & Associates Inc	2261 S. Albion St, Denver 22, Colo	SK6-9403

RADIO INDUSTRIES INC 666 Garland Pl, Des Plaines, Ill VA7-6402
220-320-715-1445-1855

Ark	Packard Associates	404 Love Field, Dallas, Tex	
Conn	H G Richter Co	467 Hillside Ave, Westfield, NJ	AD3-4615
Del	R B Bammill & Associates	19 W. Pennsylvania Ave, Towson, Md	VA5-3431
DC	R B Bammill & Associates	19 W. Pennsylvania Ave, Towson, Md	VA5-3431
Fla	R B Bammill & Associates	19 W. Pennsylvania Ave, Towson, Md	VA5-3431
Ind	Elmer Jordan	2024 Glen Dr, Jackson, Mich	ST2-0694
Me	H G Richter Co	467 Hillside Ave, Westfield, NJ	AD3-4615
Md	R B Bammill & Associates	19 W. Pennsylvania Ave, Towson, Md	VA5-3431
Mass	H G Richter Co	467 Hillside Ave, Westfield, NJ	AD3-4615
Mich	Elmer Jordan	2024 Glen Dr, Jackson, Mich	ST2-0694
NH	H G Richter Co	467 Hillside Ave, Westfield, NJ	AD3-4615
NJ	H G Richter Co	467 Hillside Ave, Westfield, NJ	AD3-4615
NJ	J Mucken-Foss E J Edmunds	10 Tanner St, Haddon Field, NJ	HA8-4400
NM	Packard Associates	404 Love Field, Dallas, Tex	FL7-5713
NY	Reed-Tollefson Corp	2815 Monroe Ave, Rochester 18, NY	HI5-0451
NY	H G Richter Co	467 Hillside Ave, Westfield, NJ	AD3-4615
NC	R B Bammill & Associates	19 W. Pennsylvania Ave, Towson, Md	VA5-3431
Ohio	Elmer Jordan	2024 Glen Dr, Jackson, Mich	ST2-0694
Okla	Packard Associates	404 Love Field, Dallas 35, Tex	FL7-5713
Pa	Thomas F Muckenfuss	10 Tanner St, Haddonfield, NJ	HA8-4400
RI	H G Richter Co	467 Hillside Ave, Westfield, NJ	AD3-4615
Tex	Packard Associates	404 Love Field, Dallas, Tex	FL7-5713
Vt	H G Richter Co	467 Hillside Ave, Westfield, NJ	AD3-4615
Va	R B Bammill & Associates	19 W. Pennsylvania Ave, Towson, Md	VA5-3431
Canada	Automatic Coil Mfg Co Ltd	10 Bergold Ave, Toronto 19, Ontario, Can	RU1-6174
Foreign	Dage Corp	19 E. 44th St, New York 17, NY	MU2-6755

RADIO MFG ENGINEERS DIV ELECTRO-VOICE INC Buchanan, Mich OX5-6831
55-100-325-895-1130-1195-1200-1275-1370-1675-1785-1870

Ala	Maitland K Smith	208 14th St, N.W., Atlanta 3, Ga	TR5-4031
Alaska	William Langhear	3215 Western Ave, Seattle, Wash	AT4-8150
Ariz	I R Stern	4039 Burbank Rd, Burbank, Cal	VI9-1195
Ark	Jack Yount Co	1431 Pleasant Dr, Dallas 17, Tex	EX1-1631
Cal	Meyer & Ross	113 10th St, San Francisco, Cal	HE1-1652
Cal	I R Stern	4039 Burbank Rd, Burbank, Cal	VI9-1195
Colo	McLoud & Raymond	5403 E. Evans Ave, Denver, Colo	SK6-1589
Fla	Maitland K Smith	208 14th St, N.W., Atlanta 3, Ga	TR5-4031
Ga	Maitland K Smith	208 14th St, N.W., Atlanta 3, Ga	TR5-4031
Hawaii	Meyer & Ross	113 10th St, San Francisco, Cal	HE1-1652
Idaho	William Langhear	3215 Western Ave, Seattle, Wash	AT4-8150
Idaho	McLoud & Raymond	5403 E. Evans, Denver, Colo	SK6-1589
Ind	Harrison Bland & Associates	5762 Cadillac Dr, Indianapolis, Ind	CH1-9772
Iowa	R W Farris Co	406 W. 34th St, Kansas City, Mo	PL3-5350
Kan	R W Farris Co	406 W. 34th St, Kansas City, Mo	PL3-5350
Ky	Harrison Bland & Associates	5762 Cadillac Dr, Indianapolis, Ind	CH1-9772
La	Jack Yount Co	1431 Pleasant Dr, Dallas 17, Tex	EX1-1631
Mich	Wayne Bortel	13209 Fenwell, Detroit, Mich	VE9-5100
Minn	Marvin Kirkeby	204 Sunnyridge Ln, Minneapolis, Minn	FR7-3239
Miss	Richard Bellow	314 Melrose, El Dorado, Ark	UN3-4325
Mo	R W Farris	406 W. 34th St, Kansas City, Mo	PL3-5358
Mont	William Langhear	3215 Western Ave, Seattle, Wash	AT4-8150
Mont	McLoud & Raymond	5403 E. Evans Ave, Denver, Colo	SK6-1589
Neb	R W Farris	406 W. 34th St, Kansas City, Mo	PL3-5358
Nev	Meyer-Ross	113 10th St, San Francisco, Cal	HE1-1652
Nev	I R Stern	4039 Burbank Rd, Burbank, Cal	VI9-1195
NJ	Cardoner Sales	80 Shore Rd, Port Washington, NY	PO7-7700
NM	McLoud & Raymond	5403 E. Evans, Denver, Colo	SK6-1589
NY	Cardoner Sales	80 Shore Rd, Port Washington, NY	PO7-7700
NY	Cardoner Sales	Lentz, Rural Rt 1, Phelps, NY	KH-4891
NY	Leroy & McGuire	Rural Rt 4, Amsterdam, NY	VI2-5679
NC	James Clymer & Maitland Smith	920 W. Hill St, Charlotte, NC	FR6-5050
ND	Marvin Kirkeby	204 Sunnyridge Ln, Minneapolis, Minn	FR7-3239
Ohio	C L Pugh	Box 5827, Columbus, Ohio	HU8-4055
Okla	Jack Yount	1431 Pleasant Dr, Dallas, Tex	EX1-1631
Ore	Bill Langhear	3215 Western Ave, Seattle, Wash	AT4-8150
Pa	C L Pugh	P.O. Box 5827, Columbus, Ohio	HU8-4055
SC	Maitland Smith	920 W. Hill St, Charlotte, NC	FR6-5050
SD	Marvin Kirkeby	204 Sunnyridge Ln, Minneapolis, Minn	FR7-3239
Tenn	Richard Bellow	314 Melrose, El Dorado, Ark	UN3-4325
Tenn	Maitland Smith	920 W. Hill St, Charlotte, NC	FR6-5050
Tex	Jack Yount	1431 Pleasant Dr, Dallas, Tex	EX1-1631
Utah	McLoud & Raymond	5403 E. Evans, Denver, Colo	
W. Va	C L Pugh	P.O. Box 5827, Columbus, Ohio	
Wisc	Marvin Kirkeby	204 Sunnyridge Ln, Minneapolis, Minn	
Wyo	McLoud & Raymond	5403 E. Evans Ave, Denver, Colo	

RADIO MATERIALS CO. DIV. P R MALLORY & CO. INC 4242 W. Bryn Mawr Ave. Chicago 46, Ill. IR8-3600
R Morris #35 *1,000 F 220

Ariz	Jack Bowen Co	8146 N. 1st Ave, Phoenix, Ariz	WN5-9321
Cal	Jack Bowen Co	8141 E. Lacienga Blvd, Los Angeles, Cal	OL5-8970
Cal	E L Berman Co. Div	821 Bryant St, SF 7	UN3-0117
Colo	Kiefer-Cliz Co	1325 Inca St, Denver 23	PE3-5161
Conn	Henry Lavin Associates Inc	P.O. Box 196, Meriden, Conn	BE7-5527
Fla	Component Sales Corp	1825 NE. 164th St. N, Miami Beach	FR4-1391
Ind	Joe Blanton	827 Field St, Fort Wayne, Ind	EA5061
Mass	Henry Lavin Associates Inc	50 Curve St, Needham, Mass	HI4-3440
Mich	William A Mally Co	4317 S. Harrison Blvd, Ft. Wayne, Ind	KE2461

Minn	Heimen Co., Inc Minneapolis	321 W. Lake St, Minneapolis, Minn	TA7-2[illegible]
NJ	J Kamberger	P.O. Box 779, Marlton, NJ	EA1-0[illegible]
NY	Fred Spellman Co	1295 Northern Blvd, Manhasset	MA7-33[illegible]
NY	Wally B Swank Inc	3310 Bellevue Ave, Syracuse, NJ	GR9-2[illegible]
Ohio	A C Wall & Assoc. Inc	Box 23213, Cinc 15	VA1-32[illegible]
Ore	Don H Burcham Co	510 N.W. 19th Ave, Portland, Ore	CA6-43[illegible]
Pa	J Kamberger	P.O. Box 779, Marlton, NJ	EA1-04[illegible]
Tex	Gordon V Peck	4007 Bellaire Blvd, Houston 25	MO4-14[illegible]
Tex	Gordon V Peck Co	130 Casa Linda Plaza, Dallas, Tex	DA1-83[illegible]
Wash	Don H Burcham Co	2517 2nd Ave, Seattle 1	MA3-95[illegible]
Wisc	Gimmeter Sales Co	5435 Northwest Hwy, Chicago, Ill	SP4-49[illegible]
Can	A C Simmonds & Sons Ltd	100 Merton St, Toronto 7, Ont	HU5-91[illegible]
Foreign	Sylvan Ginsbury Ltd (Export)	8 W. 40th St, New York, NY	LO4-75[illegible]

RADIO MERCHANDISE SALES INC 2016 Bronxdale Ave, New York 62, NY ...... TY2-67[illegible]
A Fink 45-140-385-445-895-1170-1735

RADIO RECEPTOR CO. INC 240 Wythe Ave. Brooklyn 11, NY ...... EV8-60[illegible]
H Miller #9 *250 F 1445

Ala	J E Joyner Assoc	3867 Sherwood Dr, Montgomery	PL5-43[illegible]
Ariz	Hyde Electronics Co	2467 W Villa St, Phoenix	AP8-72[illegible]
Ark	J E Smith	Box 35311, Dallas, Tex	FL7-17[illegible]
Cal	General Instrument Corp	3030 Temple St, Los Angeles	GR6-79[illegible]
Colo	Hyde Electronics Co	888 S Lipan St, Denver	WE6-45[illegible]
Conn	Todino Engineering Sales	Box 291, West Hartford	AD2-95[illegible]
Del	Leff Sales Co	1844 Edgewood Rd, Baltimore, Md	VA5-11[illegible]
DC	Leff Sales Co	1844 Edgewood Rd, Baltimore, Md	VA5-11[illegible]
Fla	J E Joyner Assoc	3867 Sherwood Dr, Montgomery, Ala	PL5-43[illegible]
Ga	J E Joyner Assoc	Box 10821, Atlanta	PL5-43[illegible]
Idaho	Hyde Electronics Co	888 S Lipan St, Denver, Colo	WE6-45[illegible]
Ill	General Instrument Corp	5232 W Diversey Ave, Chicago	NA2-614[illegible]
Ind	Scott & Steffen	81 E State St, Columbus, Ohio	CA8-73[illegible]
Iowa	Engineering Services Co	247 S Pinecrest, Wichita, Kan	MU3-375[illegible]
Kan	Engineering Services Co	4550 Main St, Kansas City	JE1-776[illegible]
Ky	Scott & Steffen, Inc	566 Francis Bldg, Louisville	JU3-72[illegible]
La	J E Joyner Assoc	Box 10821, Atlanta, Ga	PL5-43[illegible]
Me	Todino Engineering Sales	Box 291, West Hartford, Conn	AD2-953[illegible]
Md	Leff Sales Co	1844 Edgewood Rd, Baltimore	VA5-113[illegible]
Mass	Todino Engineering Sales	Box 291, West Hartford, Conn	AD2-95[illegible]
Mich	A&M Sales Co	10116 Puritan Ave, Detroit	UN2-13[illegible]
Minn	A J Warner	5022 29th Ave. S, Minneapolis	PA9-737[illegible]
Miss	J E Joyner Assoc	Box 10821, Atlanta, Ga	PL5-433[illegible]
Mo	Engineering Services Co	247 S Pinecrest, Wichita, Kan	MU3-375[illegible]
Mont	J J Backer Co	221 W Galer St, Seattle, Wash	AT3-647[illegible]
Neb	Hyde Electronics Co	888 S Lipan St, Denver, Colo	WE6-45[illegible]
Nev	General Instrument Corp	3030 Temple St, Los Angeles, Cal	GR6-797[illegible]
NH	Todino Engineering Sales	Box 291, West Hartford, Conn	AD2-953[illegible]
NJ	Kahgan Sales Corp	1261 Broadway, New York, NY	MU4-777[illegible]
NM	Hyde Electronics Co	5206 Constitution Ave, Albuquerque	AM5-111[illegible]
NY	Kahgan Sales Corp	1261 Broadway, New York	MU4-777[illegible]
NC	J E Joyner Assoc	Box 10821, Atlanta, Ga	PL5-433[illegible]
ND	A J Warner	5022 29th Ave, Minneapolis, Minn	PA9-737[illegible]
Ohio	Scott & Steffen, Inc	100 W 3rd St, Dayton	BA3-29[illegible]
Okla	J Earl Smith Co	Box 35311, Dallas, Tex	FL7-172[illegible]
Ore	J J Backer Co	221 W Galer St, Seattle, Wash	AT3-647[illegible]
Pa	Leff Sales Co	11 Pippermint Ln, Levittown, N J	TR7-45[illegible]
RI	Todino Engineering Sales	Box 291, West Hartford, Conn	AD2-953[illegible]
SC	J E Joyner Assoc	Box 10821, Atlanta, Ga	PL5-433[illegible]
SD	A J Warner	5022 29th Ave, Minneapolis, Minn	PA9-737[illegible]
Tenn	J E Joyner Assoc	Box 10821, Atlanta, Ga	PL5-433[illegible]
Tex	J Earl Smith	Box 35311, Dallas	FL7-172[illegible]
Utah	Hyde Electronics Co	2605 Connor St, Salt Lake City	HU7-570[illegible]
Vt	Todino Engineering Sales	Box 291, West Hartford, Conn	AD2-953[illegible]
Va	M Leff Sales Co	1844 Edgewood Rd, Baltimore, Md	VA5-113[illegible]
Wash	J J Backer Co	221 W Galer St, Seattle	AT3-647[illegible]
W Va	H Leff Sales Co	1844 Edgewood Rd, Baltimore, Md	VA5-113[illegible]
Wis	A J Warner	5022 29th Ave, Minneapolis, Minn	PA9-737[illegible]
Wyo	Jas J Backer Co	221 W Galer St, Seattle, Wash	AT3-647[illegible]
For	Morhan Exporting Co	458 Broadway, New York, NY	WA5-125[illegible]

RADIO SPECIALTY MFG CO 2023 S.E. Sixth Ave, Portland 14, Ore ...... BE2-812[illegible]
895-1425-1870

RADIOMETER 72 Emdrupvej, Copenhagen, Denmark SO5000
#40 *400 895-1810

Ohio	Welwyn International Inc	3355 Edgecliff Ter, Cleveland 11, Ohio	WI1-153[illegible]
Canada	Bach-Simpson Ltd	1255 Brydges St, London, Ontario, Can	GL1-945[illegible]

RADION CORP., THE 345 Terra Cotta Ave, Crystal Lake, Ill. 3700
45

Ala	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	
Ariz	Hyde Sales Co	888 S. Lipan St, Denver 23, Colo	
Ark	George Anderson Co	1903 Griffin St, Dallas, Tex	
Cal	Wedge Wyler Co	1217 Venice Blvd, Los Angeles, Cal	
Colo	Hyde Sales Co	888 S. Lipan St, Denver 23, Colo	
Conn	Wm A Hendrickson Co	291 1st Parish Rd, Scituate, Mass	
Del	Ferrell S Carmine	14 Knickerbocker Dr, Newark, Del	
DC	Ferrell S Carmine	14 Knickerbocker Dr, Newark, Del	
Fla	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	
Ga	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	
Idaho	Hyde Sales Co	888 S. Lipan St, Denver 23, Colo	
Ill	J R Rose & Co	1018 Linden Ave, Highland Park, Ill	
Ind	Lawrence Elliott Co	20001 Fairmont Blvd, Cleveland 18, Ohio	
Iowa	Earl Goetze Co	2606 Main St, Kansas City, Mo	
Kan	Earl Goetze Co	2606 Main St, Kansas City, Mo	
Ky	Lawrence Elliott Co	20001 Fairmont Blvd, Cleveland 18, Ohio	
La	George Anderson Co	1903 Griffin St, Dallas, Tex	
Me	Wm A Hendrickson Co	291 1st Parish Rd, Scituate, Mass	
Md	Ferrell Carmine	14 Knickerbocker Dr, Newark, Del	
Mass	Wm A Hendrickson Co	291 1st Parish Rd, Scituate, Mass	
Mich	Lawrence Elliott Co	20001 Fairmont Blvd, Cleveland 18, Ohio	
Minn	Edward Hoffman Co	180 N. Snelling, St. Paul, Minn	
Miss	George Anderson Co	1903 Griffin St, Dallas, Tex	
Mo	Earl Goetze Co	2606 Main St, Kansas City, Mo	
Mont	Hyde Sales Co	888 S. Lipan St, Denver, Colo	
Neb	Earl Goetze Co	2606 Main St, Kansas City, Mo	
Nev	Hyde Sales Co	888 S. Lipan St, Denver, Colo	
NH	Wm A Hendrickson Co	291 1st Parish Rd, Scituate, Mass	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NJ	Leon Adelman Co	25 Chittenden Ave, New York, NY	
NJ	Ferrell S Carmine	14 Knickerbocker Dr, Newark, Del	
NM	Hyde Sales Co	888 S. Lipan St, Denver, Colo	
NY	Leon Adelman Co	25 Chittenden, New York, NY	
NY	Maury Farber Associates	700 W. Chippewa St, Buffalo, NY	
NC	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	
ND	Edward Hoffman Co	180 N. Snelling Ave, St. Paul, Minn	
Ohio	Lawrence Elliott Co	20111 Fairmont Blvd, Cleveland 18, Ohio	
Okla	George Anderson Co	1901 Griffin St, Dallas, Tex	
Ore	Robert J Chaffer	1633 N.W. 21st St, Portland 11, Ore	
Pa	Ferrell S Carmine	14 Knickerbocker Dr, Newark, Del	
Pa	Maury Farber Associates	700 W. Chippewa St, Buffalo, NY	
Pa	Hy Mates	5510 Hubart St, Pittsburgh, Pa	
RI	Wm A Hendrickson Co	291 1st Parish Rd, Scituate, Mass	
SC	Cartwright & Bean	560 S. Cooper St, Memphis, Tenn	
SD	Edward Hoffman Co	180 N. Snelling Ave, St. Paul, Minn	
Tenn	Cartwright & Bean	560 S. Cooper St, Memphis, Tenn	
Tex	George Anderson Co	1901 Griffin St, Dallas, Tex	
Utah	Hyde Sales Co	888 S. Lipan St, Denver 23, Colo	
Vt	Wm A Hendrickson Co	291 1st Parish Rd, Scituate, Mass	
Va	Ferrell Carmine Co	14 Knickerbocker Dr, Newark, Del	
Wash	Robert J Chaffer	1633 N.W. 21st St, Portland 11, Ore	
W. Va	Hy Mates	5510 Hubart St, Pittsburgh, Pa	
Wisc	Eugene Loeb	5852 N. Shoreland Ave, Milwaukee, Wisc	
Wyo	Hyde Sales Co	888 S. Lipan St, Denver, Colo	
	RADIONICS INC	**76 Cambridge St, Burlington, Mass**	**BR2-1233**
	#2 *15 B 895-1915		
	RADIX WIRE CO	**26260 Lakeland Blvd, Cleveland 32, Ohio**	**RE1-9191**
	J Irwin #3 *70 E 1960		
Cal	F F Alleman Co	1625 Blake Ave, L A, Cal	CA2-8128
Cal	Brill Electric Sales	446 Bryant St, San Francisco, Cal	
Cal	Kebert & Co	331 Winston St, L A, Cal	MA8-7235
Conn	Richard Reidy	64 Overhill Rd, Fairfield	CL9-7059
Ga	Hayes & Noe	1920 Buford Hwy, Atlanta, Ga	TR3-1613
Ill	Gage & Co	818 Clinton Pl, Evanston, Ill	UN4-6012
Ill	R A Hanke	2660 N. Clybourne Ave, Chicago, Ill	EA7-2234
Ind	R O Whitesell & Co	6620 E. Washington St, Indianapolis	FL9-5374
Kan	Walter Zimmerman	Box 2127, Munger Sta, Wichita	MU3-3161
Kan	Richard Welch	1810 Walker, KC	MA1-5405
Mich	E J Karrocher	24643 Five Mile Rd, Detroit	KE1-1224
Mich	B R Tibbetts	15756 Kentfield, Detroit	KE7-0091
Mo	R E Myers & Son	504-506 Louderman Bldg, St. Louis, Mo	MA1-2743
NJ	Martin Associates	Box 17, Ft. Lee, NJ	WI7-3377
NY	A C Shultz & Co	76 S. Long St, Buffalo 21, NY	SP5078
Ohio	Gregory & Flynn	4501 Perkins Ave, Cleveland 3, Ohio	
Ohio	Gregory & Flynn	7807 Greenbriar Ln, Cincinnati 43, Ohio	SY1-8307
Okla	Robert Nott Co	2532 E. Admiral Blvd, Tulsa 10	WE9-0535
Ore	Bruce-Emmett Co	830 S.E. Alder, Portland 14, Ore	
Pa	Gregory & Flynn	1131 Frankstown Rd, Pittsburgh 35, Pa	CH2-2442
Tex	Woodward & Woodward	Box 19487, Houston 24	HO8-6291
Tex	King Sales Co	Box 37, Bellaire	FA3-4604
	RAE MOTOR CORP	**Box 518, Mc Henry, Ill**	**EV5-5380**
	E Hansen #2 *125 E 1165		
Cal	Electric Motor Engineering	8255 Beverly Blvd, Los Angeles, Cal	OL1-3220
Colo	John Mitchell	PO Box 71, Ft Collins	HU2-7173
Conn	Alexander Norden	P.O. Box 131, Jamaica Plain, Mass	JA4-1657
Ill	Stanley Garski	Chicago, Ill	JR3-2793
Mass	Alexander Norden	P.O. Box 131, Jamaica Plain, Mass	JA4-1657
Mich	Robert W Reid	P.O. Box 27, Mitchell, Mich	ST1-7287
Minn	The Eddy Co	1302 Fifth Ave, S., Minneapolis, Minn	FE3-2813
Mo	Gordon Fixman	8100 Stanford Ave, St. Louis, Mo	PA5-5219
NJ	Frederick Kent	31 Inzia Terr, E. Paterson, NJ	WA7-4911
NY	R A Bowen Co	58 Brooklyn Ave, Merrick, NY	FR8-6040
NY	Dynathern Inc	607 W. Commercial St, E. Rochester, NY	LU6-0062
Ohio	Steve J Wereb	4619 E. 93rd St, Cleveland, Ohio	
Pa	Eastern Components Inc	613 Cheltenham Ave, Phila 26	WA7-6269
RI	Alexander Norden	P.O. Box 131, Jamaica Plain, Mass	JA4-1657
	RAILWAY COMMUNICATIONS INC	**9351 E. 59 St, Raytown, Mo**	**FL3-2100**
	E Tool #3 *20 670-895-1425		
Cal	King-Moon Co Inc	PO Box 178, Monterey Park	CU3-7734
Haw	Air-Tronic Sales	1253 S King St, Honolulu 1	504-138
Ill	Cunningham Associates	435 Addison Ave, Elmhurst, Ill	TE2-0505
Md	Tessco Inc	P.O.Box 6892, Towson, Md	VA5-3431
Ore	Hawthorne Electronics	700 SE Hawthorne, Portland 14	BE4-9375
Wash	Hawthorne Electronics	Boeing Field, Seattle	PA5-1450
Can	Tele-Radio Systems Ltd	3633 Dundas St. W, Toronto, Ont	RO2-8224
	RAM ELECTRONICS INC	**600 Industrial Ave, Paramus, NJ**	**CO1-4900**
	50-320-325-338-360-475-670-895-910-955-1075-1135-1340-1395-1420-1855-1910-1915-1995		
Ala	Threlkeld-Duckett Associates	P.O.Box 733, Birmingham, Ala	TR1-6642
Cal	Harris-Koetke Sales Co	204 E. Hillsdale Blvd, San Mateo, Cal	FI1-2909
Cal	R E Obsorne	1757 Garfield Ave, S. Pasadena, Cal	RY1-3175
Colo	Koether-Cox Co	110 W. 13th Ave, Denver 4, Colo	MA3-3544
Fla	Smith-Duckett Associates	P.O.Box 1646, Stuart, Fla	AT7-1252
Ga	Grady Duckett Sales Co	P.O.Box 11657, Atlanta 5, Ga	CE3-6308
Ill	J J McBride Sales Co	328 Burlington St, Riverside, Ill	HI7-8131/2
Ind	Joe Clancy Co	Box 269, Angola, Ind	AN793
Md	Albert F Schaar	425 Stanford Rd, Baltimore 28, Md	RI7-3227
Mass	Ward Inc	35 Highland Ave, Somerville 43, Mass	UN4-3374
Mich	V E Wolling	Box 212, Utica, Mich	RE2-7815
Minn	Clark R Gibb	2401 Hennepin Ave, Minneapolis, Minn	FE8-2550
Mo	Kelly-Schmitz-Winkeler Associates	7449 Broadway, Kansas City, Mo	HI4-2013
Mo	H F Winkeler	3938 Lindell Blvd, St. Louis, Mo	OL2-6455
NY	A Friedman Associates	188-16 Jamaica Ave, Hollis, NY	SP6-4800
NY	Dage Corp	219 E. 44th St, New York, NY	MU2-6755
NC	Fanning-Duckett Associates	P.O.Box 11402, Charlotte 9, NC	
Ohio	Tom Carney	Box 8107 Maple Valley Sta, Akron, Ohio	UN4-0348
Pa	Eberle-Schaar Co	R D 1, Lewisberry, Pa	PO6-3995
Pa	Hy Mates	5510 Hobart, Pittsburgh, Pa	HA1-8998
Tex	W R Hays Co	3416 Rosedale, Dallas, Tex	EM3-2021
Wash	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	ME3-3160
Canada	Telequipment Mfg Co Ltd	Box 644, London, Ont, Canada	GE9-8871

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	RAM METER INC	**1100 Hilton Rd, Ferndale, Detroit 20, Mich**	**LI7-1000**
	G Hale #6 *35-50 C 895-1045-1595		
	RAMAGE & MILLER INC	**150 S. 2nd St, Richmond, Cal**	**BE4-7061**
	B Clintman #4 *12 B 895-1135-1145-1340-1395		
Ala	W A Brown & Assoc	3405 Lookout Dr, SE, Huntsville	JE6-8393
Ark	Texas Avionics Co	4515 Prentice St, Dallas 6, Tex	EM8-3566
Conn	Michael S Coldwell Inc	195 W. Main St, Avon	OR7-9797
Del	W A Brown & Assoc	110 E. Pa. Ave, Towson 4, Md	VA8-6744
DC	W A Brown & Assoc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Fla	W A Brown & Assoc	201 Capron Rd, Indian River City	AM7-0411
Ga	W A Brown & Assoc	3405 Lookout Dr, SE, Huntsville, Ala	JE6-8393
Ky	W A Brown & Assoc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
La	Texas Avionics Co	4515 Prentice St, Dallas 6, Tex	EM8-3566
Me	Michael S Coldwell Inc	195 W. Main St, Avon, Conn	OR7-9797
Md	W A Brown & Assoc	110 E. Pa. Ave, Towson 4	VA8-6744
Mass	Michael S Coldwell Inc	41 Lancaster Rd, Needham 92	HI4-1142
Miss	W A Brown & Assoc	3405 Lookout Dr, SE, Huntsville, Ala	JE6-8393
NH	Michael S Coldwell Inc	195 W. Main St, Avon, Conn	OR7-9797
NJ	F & F Assoc	15 Dorchester Rd, Emerson	MU7-6477
NY	F & F Assoc	297 Cherry Pl, E. Meadow	MU7-6477
NC	W A Brown & Assoc	1707 Princeton St, SW, Winston-Salem	PA5-5384
Okla	Texas Avionics Co	4515 Prentice St, Dallas 6, Tex	EM8-3566
RI	Michael S Coldwell Inc	41 Lancaster Rd, Needham 92, Mass	HI4-1142
SC	W A Brown & Assoc	1707 Princeton St, SW, Winston-Salem, NC	PA5-5384
Tenn	W A Brown & Assoc	1707 Princeton St, SW, Winston-Salem, NC	PA5-5384
Tex	Texas Avionics Co	4515 Prentice St, Dallas 6	EM8-3566
Vt	Michael S Coldwell Inc	195 W. Main St, Avon, Conn	OR7-9797
Va	W A Brown & Assoc	3610 Mt. Vernon Ave, Alexandria	TE6-1800
For	B N Bose & Co	8 Waterloo St, Calcutta, India	
	RAMCO MFG. CO	**540 Westfield Ave, W. Roselle Park, NJ**	**CH5-4500**
	R Matthiessen B 615		
	RAMPE MFG CO	**14915 Woodworth Ave, Cleveland 10, Ohio**	**MU1-2800**
	J Rampe *25 535-895-1075		
	RAMYR MFG CO	**1779 N. Main St, Los Angeles 31, Cal**	**CA3-1071**
	E Holden #7 *25 D 1075-1125-1215-1340-1445-1855		
	RANDALL INC., DOUGLAS	**6 Pawcatuck Ave, Westerly, RI**	**LY5-5757**
	L Nelson #3 *170 E 320-1475		
Wisc	Douglas Randall Midwest	Box 52, Genoa City, Wisc	BR9-6511
	RANGERTONE INC	**73 Winthrop St, Newark, NJ**	**HU5-2550**
	L Van Der Weede #3 *23 A 470-1435-1740		
Cal	Magnetic Recorders Co	7120 Melrose Ave, Los Angeles 46, Cal	WE3-5545
DC	Shrader Sound, Inc	2803-03 M St NW, Wash, DC	AD4-4730
Ill	Behrend Cine Corp	Chicago, Ill	WH2-2281
NY	Camera Equipment	315 W. 43rd St, New York, NY	JU6-1420
Can	Alex L Clark Ltd	3751 Bloor St W, Islington, Ont	BE1-3303
	RANK CINTEL LTD	**Worsley Bridge Rd, London S.E. 26, Eng**	**HI4600**
	200-235-320-515-670-895-1135-1455-1515-1820-1910-1995		
NJ	Marconi Instruments	111 Cedar Ln, Englewood, NJ	LO7-0607
	RANSOM RESEARCH, INC	**Box 269, San Pedro, Cal**	**TE2-1128**
	D Ransom, Jr #5 *45 C 280-338-1150		
Ala	Charles Proctor Co	Box 3185, Orlando, Fla	
Ariz	West Eleven, Inc	8961 Sunset Blvd, Los Angeles 46, Cal	CR4-7578
Cal	West Eleven Inc	8961 Sunset Blvd, Los Angeles 46, Cal	CR4-7578
Del	C E Snow Co	919 E Phil-ellena St, Philadelphia 50, Pa	
DC	C E Snow Co	919 E Phil-ellena St, Philadelphia 50, Pa	
Fla	Charles Proctor Co	Box 3185, Orlando	
Ga	Charles Proctor Co	Box 3185, Orlando, Fla	
Idaho	Myron R Smith & Co	717 Michigan St, Seattle 8, Wash	
Kan	N S Brown Assoc	5952 Roca Baton Dr, Dallas 30, Tex	
Md	C E Snow Co	919 E Phil-ellena St, Philadelphia 50, Pa	
Mo	N S Brown Assoc	5952 Roca Baton Dr, Dallas 30, Tex	
Nev	West Eleven, Inc	8961 Sunset Blvd, Los Angeles 46, Cal	CR4-7578
NJ	Bradley Assoc	9 Dash Pl, New York 63, NY	KI9-8500
NM	West Eleven, Inc	8961 Sunset Blvd, Los Angeles 46, Cal	CR4-7578
NY	Bradley Assoc	9 Dash Pl, New York 63	KI9-8500
Okla	N S Brown Assoc	5952 Roca Baton Dr, Dallas 30, Tex	
Ore	Myron R Smith & Co	717 Michigan St, Seattle 8, Wash	
Pa	C E Snow Co	919 E Phil-ellena St, Philadelphia 50, Pa	
Tex	N S Brown Assoc	5952 Roca Baton Dr, Dallas 30	
Va	C E Snow Co	919 E Phil-ellena St, Philadelphia 50, Pa	
Wash	Myron R Smith & Co	717 Michigan St, Seattle 8	
	RANTEC CORP	**23999 Ventura Blvd, Calabasas, Cal**	**DI7-5446**
	G Singer #35 *110 E 45-385-670-1135-1145-1610-1735		
Ariz	Gramer & Co	4424 N Camelback Rd, Phoenix	CR9-1231
NY	J A Reagan Co	45 N Lake Ave, Albany	HE6-9649
Can	Allan Crawford Assoc. Ltd	5500 Yonge St, Willowdale, Ont	BA5-7391
For	Terminal Radio International, Ltd	240 W 17th St, New York 11, NY	CH3-5200
	RAPID ELECTRIC CO	**2881 Middletown Rd, Bronx 61, NY**	**TA8-2200**
	R Tedeschi #5 *165 E 1340-1445		
Cal	L H Butcher Co	3628 E Olympic Blvd, Los Angeles, Cal	AN2-4111
Colo	Mine & Smelter Supply Co	3800 Race St, Denver, Colo	CH4-4353
Conn	Foy Electrochemical	P O Box 164, Ansonia	RE5-3382
DC	Henry C Howells	915 Washington Blvd, Wash, DC	NA8-2425
Ill	Joseph Hay Co	4614 N. Parker St, Chicago, Ill	CA7-8800
Mass	M E Baker Co	25 Wheeler St, Cambridge, Mass	KI7-5383
Mich	George L Nankervis Co	15300 Fullerton Ave, Detroit 27, Mich	VE8-5780
Mo	Sommers Bros	3439 N Broadway, St Louis, Mo	CH1-7343
NY	E R P Associates	P.O. Box 23, Fayetteville, NY	CH6-1110
Ore	L H Butcher Co	2750 NW 31st Ave, Portland, Ore	
Pa	Shop Materials Co	733 Washington Rd, Pittsburgh, Pa	LO3-6300
Pa	G V Morris Co	2109 Nicetown Ave, Philadelphia 28, Pa	GE8-0377
Tex	Southwestern Controls	4716 Eli St, Houston 7, Tex	MI2-1374
Utah	Skyline Chemical Co	3721 S State St, Salt Lake City 15, Utah	AM6-5556
Wash	L H Butcher Co	1725 6th Ave, Seattle, Wash	PA5-8780
	● **RAPID SPECIALTIES CO**	**327 W. Huron St, Chicago 10, Ill**	**DE7-1440**
	E Tate *5 A 300		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	RATELCO INC	**820 Minor Ave. N. Seattle 9, Wash**	**MA4-7770**
	P Deryee #4 *15 B 25-45-148-325-360-475-670-845-895-910-1170-1235-1340-1370-1425-1855		
Ore	Andrew L Polich Inc	734 NW. Glisan St, Portland 9	CA3-6241
	RAULAND-BORG CORP	**3535 W.Addison St, Chicago 18, Ill**	**CO7-1300**
	F Wilson #12 *300 895-910-1235-1370-1895		
	RAULAND CORP ZENITH SUB	**4245 N. Knox Ave, Chicago 41, Ill**	**MU5-5800**
	T Snow 338-1360-1850-1995		
Ala	Maitland K Smith Inc	2856 Cahaba Rd, Birmingham 13	
Alas	Dave M Lee Co. Inc	3527 NE. Union Ave, Portland 12, Ore	AT8-5796
Ariz	R L Stone Sales Co	8971 National Blvd, Los Angeles 34, Cal	UP0-5973
Ark	Terwilliger Sales Co	9304 High Dr, Kansas City 15, Mo	MI9-0188
Cal	Nickerson-Gray & Assoc	Box 11295, Station A, Palo Alto, Cal	DA6-0152
Cal	R L Stone Sales Co	8971 National Blvd, Los Angeles 34, Cal	UP0-5973
Conn	W B Pray Sales	44 Washington St, Wellesley Hills, Mass	CE5-3199
Fla	Maitland K Smith Co	322 Riverside Dr, Ormond Beach, Fla	OR7-2298
Ga	Maitland K Smith Co	735 14th St, N.W., Atlanta 13, Ga	TR5-8031
Hawaii	R L Stone Sales Co	8971 National Blvd, Los Angeles 34, Cal	UP0-5973
Idaho	Dave M Lee Co. Inc	3527 NE. Union Ave, Portland 12, Ore	AT8-5796
Ill	J J McBride Sales Co	328 E. Burlington St, Riverside, Ill	HI7-8131
Ind	Joe Clancy & Co. Inc	5750 N. Ewing St, Indianapolis 20	CL1-7669
Ind	J J McBride Sales Co	328 E. Burlington St, Riverside, Ill	HI7-8131
Ind	Joe Clancy & Co., Inc	P.O. Box 269, Angola, Ind	793
Iowa	J J McBride Sales Co	328 E. Burlington St, Riverside, Ill	HI7-8131
Kan	Terwilliger Sales Co	9304 High Dr, Kansas City 15, Mo	MI9-0188
Ky	Joe Clancy & Co., Inc	P.O. Box 269, Angola, Ind	793
La	Al S Engelman Co	3206 Crump Ave, Memphis 12, Tenn	GL8-6253
Me	W B Pray Sales	44 Washington St, Wellesley Hills, Mass	CE5-3199
Mass	W B Pray Sales	44 Washington St, Wellesley Hills, Mass	CE5-3199
Minn	A J Warner Co	5122 29th Ave, S., Minneapolis 17, Minn	PA9-7371
Miss	Al S Engelman Co	3206 Crump Ave, Memphis 12, Tenn	GL8-6253
Mo	Terwilliger Sales Co	9304 High Dr, Kansas City 15, Mo	MI9-0188
Neb	Terwilliger Sales Co	9304 High Dr, Kansas City 15, Mo	MI9-0188
Nev	Nickerson-Gray & Assoc	Box 11295-Station A, Palo Alto, Cal	DA6-0152
Nev	R L Stone Sales Co	8971 National Blvd, Los Angeles 34, Cal	UP0-5973
NH	W B Pray Sales	44 Washington St, Wellesley Hills, Mass	CE5-3199
NJ	A Friedman & Associates	188-16 Jamaica Ave, Hollis 23, NY	SP6-4800
NY	A Friedman & Associates	188-16 Jamaica Ave, Hollis 23, NY	SP6-4800
NC	Maitland K Smith	1605 Chatham Ave, Charlotte 5	376-5951
ND	A J Warner Co	5122 29th Ave, Minneapolis 17, Minn	PA9-7371
Ohio	Joe Clancy & Co. Inc	815 Rockhill Ave, Dayton 29	AX8-3052
Ohio	Joe Clancy & Co., Inc	789 Orlando Ave, Akron 20, Ohio	UN4-0048
Okla	Terwilliger Sales Co	9304 High Dr, Kansas City 15, Mo	MI9-0188
Ore	Dave M Lee Co., Inc	3527 N.E. Union Ave, Portland 12, Ore	AT8-5796
Pa	Hy Mates	5510 Hobart St, Pittsburgh 17, Pa	HA1-8998
RI	W B Pray Sales	44 Washington St, Wellesley Hills, Mass	CE5-3199
SC	Maitland K Smith	1605 Chatham Ave, Charlotte 5, NC	376-5951
SD	A J Warner Co	5122 29th Ave, S., Minneapolis 17, Minn	PA9-7371
Tenn	Maitland K Smith Co	735 14th St, N.W., Atlanta 13, Ga	TR5-8031
Tenn	Al S Engelman Co	3206 Crump Ave, Memphis 12, Tenn	GL8-6253
Tex	Wyckoff Sales Co	Box 17070, Dallas 17	EV1-4645
Vt	W B Pray Sales	44 Washington St, Wellesley Hills, Mass	CE5-3199
Wash	Dave M Lee Co	3527 NE. Union Ave, Portland 12, Ore	AT8-5796
W. Va	Hy Mates	5510 Hobart St, Pittsburgh 17, Pa	HA1-8998
Wisc	J J McBride Sales Co	328 E. Burlington St, Riverside, Ill	HI7-8131
Foreign	Schmid International Inc	5909 N. Lincoln Ave, Chicago 45, Ill	LO1-7832
Foreign	Zenith Radio Corp	6001 W. Dickens Ave, Chicago 39, Ill	BE7-7500
	RAWAY BEARING CO., INC	**139-141 Chrystie St, New York 2, NY**	**WA5-8150**
	A Bashin *5 C 75		
	● **RAWSON ELECTRICAL INSTRUMENT CO**	**111 Potter St, Cambridge 42, Mass**	**KI7-4041**
	M Lash #2 *50 B 195-895-1330-1795		
Conn	W M Hague Co	1776 Mass Ave, Lexington, Mass	VO2-5700
Me	W M Hague Co	1776 Mass Ave, Lexington, Mass	VO2-5700
Mass	W M Hague Co	1776 Mass Ave, Lexington	VO2-5700
NH	W M Hague Co	1776 Mass Ave, Lexington, Mass	VO2-5700
NJ	Jud Williams Assoc	57 Main St, Orange	OR5-7199
NY	Jud Williams Assoc	57 Main St, Orange, NJ	OR5-7199
RI	W M Hague Co	1776 Mass Ave, Lexington, Mass	VO2-5700
Vt	W M Hague Co	1776 Mass Ave, Lexington, Mass	VO2-5700
	RAY-O-VAC CO DIV OF ELECTRIC STORAGE BATTERY CO	**212 E.Washington Ave, Madison, Wisc**	**AL5-7201**
	O Slauson #50 *3,000 G 70-325-685		
Cal	Ray-O-Vac Co	111 Sutter St, San Francisco 4	YU2-9901
NY	Ray-O-Vac Co	1775 Broadway, New York 19	JU2-0460
Tenn	Ray-O-Vac Co	1388 Madison Ave, Memphis 4	FA7-5627
	RAY PROOF CORP	**843 Canal St, Stamford, Conn**	**DA5-2201**
	S Randolph #4 *40 250-1125-1185-1575		
Ala	Shearer & Raylord	2504 Old Shell Rd, Mobile, Ala	GR9-4581
Ariz	Wholesalers Inc	300 S. 12th St, Phoenix, Ariz	AL4-5503
Ark	John F Brett & Co	315 W. Markham St, Little Rock, Ark	FR5-4928
Cal	Charles W Fowler Co	499 Hamilton Ave, Palo Alto	DA1-1810
Cal	Charles W Fowler Co	429 S Western Ave, L A	DU4-7203
Colo	Builders Service Bureau Inc	1221 Bannock St, Denver, Colo	TA5-5244
DC	James A Cassidy Co Inc	3329 8th St NE, Wash	LA9-5400
Fla	M M Bayard	949 Calhoun Dr, Sarasota	RI7-6840
Fla	Henderson & Johnson	395 Granada Ave, Coral Gables, Fla	HI3-4495
Fla	E F Zibel	6134 Dotson Rd, Jacksonville, Fla	EX8-2862
Ga	L E Murray	Box 11575, Northside Sta, Atlanta, Ga	CE3-7275
Ill	Walter W Mitchell Co., Inc	549 W. Randolph St, Chicago, Ill	CE6-3985
Ill	Hugh J Baker & Co	Citizens Bldg, Decatur, Ill	2-2810
Ind	Hugh J Baker Co	Box 892, Indianapolis	ME6-2301
Ind	Hugh J Baker Co	1028 South Barr St, Fort Wayne	AN0285
Ind	Hugh J Baker Co	2901 E. Ohio St, Evansville, Ind	GR7-1491
Iowa	L W Gallagher	Box 595, Davenport	6-1822
Iowa	Lemke Builders Supply Co	Walnut Bldg, Des Moines, Iowa	AT2-9611
Kan	B D R Engineering Corp	1903 N 10th St, Kansas City	MA1-0600
Kan	Contractors Supply	700 E. 13th St, Wichita, Kan	AM7-2771
Ky	John W Bishop	5600-A S. Third St, Louisville, Ky	EM8-1691
La	McDougall-Persons Co., Inc	939 S. White St, New Orleans 25, La	JA2-3845
La	Ideal Building Materials Inc	1730 Claiborne Ave, Shreveport, La	7-0521
Md	Charles Ingram & Co	2437 N. Calvert St, Baltimore, Md	TU9-2443

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Maine	J G Wenham Co	195 Dudley St, Boston	HI5-2533
Mass	Ridgewood Co	Box 86, Northampton	JU6-0311
Mich	M D Hamill Co	1430 Lamed St, Detroit, Mich	WO1-0524
Mich	H Edward Brandt Jr	535 Gladstone S.E., Grand Rapids, Mich	GL2-4008
Minn	Bartley Sales Co., Inc	134 S. 10th St, Minneapolis, Minn	FE8-7838
Mo	August Court Co	1110 S Brentwood Blvd, St Louis	PA1-2916
Neb	Earl S Lewis & Co	3040 Cuming St, Omaha	AT1633
NM	Electrical & Mechanical Supply	700 1st NW, Albuquerque	CH7-1169
NC	W Fred Casey & Co	401 S. Mint St, Charlotte, NC	ED3-0820
NC	W Fred Casey & Co	P.O. Box 1131, Raleigh, NC	TE3-0517
Ohio	Hume Sales Inc	1400 Euclid Ave, Cleveland 15, Ohio	CH1-4688
Ohio	Tom Ragsdale Co	N-207 Cincinnati Union Term Bldg, Cinc	MA1-6150
Okla	Stovall & Sublett Inc	100 N.E. 28th St, Oklahoma City, Okla	JA8-6365
Okla	Murray P Wardle Co	216 E. 16th St, Tulsa, Okla	LU4-2414
Ore	W H Owens Co	201 Concord Building, Portland, Ore	CA8-1714
Pa	R P Campbell	666 N. 17th St, Harrisburg, Pa	CE8-7924
Pa	M G Sundelius	1321 Arch St, Philadelphia, Pa	LO7-2984
Pa	Builders Specialties Co	951 Century Bldg, Pittsburgh, Pa	AT1-1890
Tenn	Wm S Trimble	22 Atchley St, Knoxville	5-2133
Tenn	Akers & Co	3612 Lamar Ave, Memphis 14	BR2-4656
Tenn	Hale Specialties Inc	1077 Duncan Ave, Chattanooga, Tenn	MA4-3951
Tenn	Builders Specialties Co., Inc	1503 Demonbreun St, Nashville, Tenn	AL5-0395
Tex	R J DeWees & Son	3311 W Alabama, Houston	JA3-3882
Tex	R J DeWees & Son	Insurance Bldg, Lubbock	PO2-5896
Tex	R J DeWees & Son	127 Blakely Dr, San Antonio 9	CA5-2251
Tex	R J DeWees & Son Inc	5511 Maple Ave, Dallas, Tex	FL2-4181
Tex	Electrical & Mechanical Supply Co	2300 Texas St, El Paso, Tex	KE2-4614
Utah	E A Roberts & Co	109 W. 2nd S. St, Salt Lake City, Utah	EM4-4431
Va	John K Wessandorth Co., Inc	15 S. 2nd St, Richmond, Va	ME3-2027
Va	Eldridge Cundiff Inc	P.O. Box 1688, Roanoke, Va	DI3-2501
Wash	Bradley-Zeisbaugh Inc	523 White-Henry-Stuart Bldg, Seattle	MA3-6365
Wisc	J W Mitchell Products Co	759 N. Milwaukee St, Milwaukee, Wisc	BR6-6152
Canada	Western Porcelain & X-Ray Prod	11611 106th Ave, Edmonton, Alberta, Can	884482
Foreign	International General Electric	P.O. Box 4307, Santurce, Puerto Rico	

RAYBESTOS-MANHATTAN INC ... 61 Willett St, Passaic, NJ ... GR3-2000
05-30-85-770-900-1125-1170-1290-1505-1950
Distributors, Sales Representatives & Dealers in all Principal Cities.

RAYCHEM CORP ... Oakside at Northside, Redwood City, Cal ... EM9-3376
R Joseph #15 *150 E 190-1860

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Glenn Assoc. Inc	Box 7354 Birmingham	TR9-0661
Ariz	Raychem Corp	11313 W. Wash. Blvd. LA, Cal	UP0-9158
Cal	Raychem Corp	11313 W. Wash. Blvd. LA	UP0-9158
Colo	Williams-Assoc. Inc	2263 S. Albion St, Denver	SK6-9403
Conn	Schad Associates Inc	11 Muzzey St, Lexington, Mass	VO2-3578
Conn	C F Mason Co	1 Wolf's Ln, Pelham, NY	PE8-4510
Del	Samuel K Mac Donald Inc	1531 Spruce St, Philadelphia, Pa	KI6-1205
DC	Samuel K Mac Donald Inc	14th St & Park Rd, N.W., Wash, DC	CO5-3938
Fla	Glenn Assoc. Inc	918 Langford Bldg, Miami	FR3-7833
Fla	Glenn Assoc. Inc	Box 1739, Orlando	GA5-4169
Ga	Glenn Assoc. Inc	172 Simpson St, NW, Atlanta 13	JA2-4506
Idah	Burt C Porter Co	1209 Poplar Pl. S, Seattle 44, Wash	EA3-8330
Ill	Russ Diethert Co., Inc	2030 N. Montrose Ave, Chicago 18, Ill	LO1-7627
Ind	Russ Diethert Co., Inc	2030 N. Montrose Ave, Chicago 18, Ill	LO1-7627
Iowa	R W Farris Co., Inc	406 W. 34th St, Kansas City 11, Mo	PL3-5380
Kan	R W Farris Co., Inc	406 W. 34th St, Kansas City 11, Mo	PL3-5350
Ky	Bashr, Greenleaf & Assoc. Inc	14700 Detroit Ave, Cleve 7, Ohio	AC1-9030
Me	Schad Associates Inc	11 Muzzey St, Lexington, Mass	VO2-3578
Md	Samuel K Mac Donald Inc	2006 Harford Rd, Baltimore 14, Md	ID5-1760
Mass	Schad Associates Inc	11 Muzzey St, Lexington, Mass	VO2-3578
Mich	Horacher Jensen & Co	2842 W. Grand Blvd, Detroit 2, Mich	TR1-0008
Minn	Lloyd F Murphy & Assoc. Inc	1940 Hennepin Ave, Mpls 5	FR4-2950
Miss	Russ Diethert Co., Inc	2030 N. Montrose Ave, Chicago 18, Ill	LO1-7627
Mo	R W Farris Co	7813 Carondelet, St. Louis 5	PA6-4770
Mo	R W Farris Co., Inc	406 W. 34th St, Kansas City, Mo	PL3-5350
Neb	R W Farris Co., Inc	406 W. 34th St, Kansas City, Mo	PL3-5380
NH	Schad Associates Inc	11 Muzzey St, Lexington, Mass	VO2-3578
NJ	C F Mason Co	1 Wolf's Ln, Pelham, NY	PE8-4510
NJ	Samuel K Mac Donald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
NM	Williams-Assoc. Inc	3021 Silver Ave. SE, Albuquerque	AL5-9632
NY	Frank W Taylor Co., Inc	4455 Genesee St, DeWitt 14, NY	GI6-0422
NY	C F Mason Co	1 Wolf's Ln, Pelham, NY	PE8-4510
NC	Russ Diethert Co., Inc	Box 510, Gastonia, NC	UN5-3771
Ohio	Bashr Greenleaf & Associates Inc	14700 Detroit Ave, Cleveland 7, Ohio	AC1-9030
Ohio	Boehr Greenleaf & Associates Inc	3350 Maplewood Dr, Xenia, Ohio	CH4-5485
Ohio	Boehr Greenleaf & Associates Inc	7969 Mitchell Farm Ln, Cincinnati 43	TW1-3987
Okla	James S Neely	Box 9494, Ft. Worth, Tex	MA6-5371
Ore	Burt Porter Co	P.O. Box 7854, Portland 12, Ore	AT4-1718
Pa	Samuel K Mac Donald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
Pa	Samuel K Mac Donald Inc	335 Fifth Ave, Pittsburg, Pa	AT1-2253
RI	Schad Associates Inc	11 Muzzey St, Lexington, Mass	VO2-3578
SC	Russ Diethert Co., Inc	P.O. Box 510, Gastonia, NC	UN5-3771
Tenn	Russ Diethert Co., Inc	P.O. Box 510, Gastonia, NC	UN5-3771
Tex	James S Neely	Box 9494, Ft. Worth	MA6-5371
Utah	Williams-Assoc. Inc	335 E. 4th S. Salt Lake City	EM4-6844
Va	Samuel K Macdonald Inc	335 5th Ave, Pittsburgh 22, Pa	AT1-2253
Va	Samuel K Macdonald Inc	1531 Spruce St, Phila 2, Pa	KI5-1205
Vt	Schad Associates Inc	11 Muzzey St, Lexington, Mass	VO2-3578
Wash	Burt Porter Co	1209 Poplar Pl. S, Seattle 44	EA3-8330
W. Va	Samuel K Mac Donald Inc	335 Fifth Ave, Pittsburg, Pa	AT1-2253
Wisc	Russ Diethert Co., Inc	2030 N. Wisconsin Ave, Milwaukee, Wisc	BR2-7404
Wyo	Williams-Assoc. Inc	2263 S. Albion St. Denver, Colo	SK6-9403

RAYCLAD TUBES INC ... Oakside at Northside, Redwood City, Cal ... EM9-3376
J Wilcox #15 *150 E 330
For manufacturers representatives see Raychem Corp listings

RAYLINE INC ... 161 First St, Mineola, NY ... PI2-5353
E Eelner A 700-1635

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Surpless Dunn & Appleyard Inc	57 Leonard St, New York 13, NY	BA7-4770
Ark	Maynard Sales Co	2013 Cedar Springs, Dallas, Tex	RI2-2027
Cal	Leonard Smith	4949 Ledge Ave, N Hollywood	PO3-0965
Cal	Wm B King	2500 Rooney St, Berkeley 5, Cal	TH1-2866
Colo	W B Gallifer	1559 Chester St, Aurora 8, Colo	EM6-0208
Conn	Surpless Dunn & Appleyard Inc	57 Leonard St, New York 13, NY	BA7-4770
Del	Surpless Dunn & Appleyard Inc	57 Leonard St, New York 13, NY	BA7-4770
DC	Surpless Dunn & Appleyard Inc	57 Leonard St, New York 13, NY	BA7-4770
Fla	Surpless Dunn & Appleyard Inc	57 Leonard St, New York 13, NY	BA7-4770
Ga	Surpless Dunn & Appleyard Inc	57 Leonard St, New York 13, NY	BA7-4770
Ill	J H Rose & Co	1136 Linden Ave, Highland Park, Ill	AM2-5584
Ind	Moore Sales Co	402 Margaret, W, Detroit, Mich	TU3-0218
Iowa	Carmine Vignola Associates	P.O. Box 569, Jefferson City, Mo	5-1023
Kan	Carmine Vignola Associates	P.O. Box 569, Jefferson City, Mo	5-1023
La	Maynard Sales Co	2013 Cedar Springs, Dallas, Tex	RI2-2027
Me	Surpless Dunn & Appleyard, Inc	57 Leonard St, New York 13, NY	BA7-4770
Md	Surpless Dunn & Appleyard Inc	57 Leonard St, New York 13, NY	BA7-4770
Mass	Surpless Dunn H Appleyard Inc	57 Leonard St, New York 13, NY	BA7-4770
Mich	Moore Sales Co	402 Margaret, W, Detroit	TU3-0218
Miss	Surpless Dunn & Appleyard Inc	57 Leonard St, New York 13, NY	BA7-4770
Mo	Carmine Vignola Associates	P.O. Box 569, Jefferson City, Mo	5-1023
Mont	W B Gallifer	1559 Chester St, Aurora 8, Colo	EM6-0208
Neb	Carmine Vignola Associates	P.O. Box 569, Jefferson City, Mo	5-1023
NH	Surpless Dunn & Appleyard Inc	57 Leonard St, New York 13, NY	BA7-4770
NJ	Surpless Dunn & Appleyard Inc	57 Leonard St, New York 13, NY	BA7-4770
NM	W B Gallifer	1559 Chester St, Aurora 8, Colo	EM6-0208
NY	Surpless Dunn H Appleyard Inc	57 Leonard St, New York 13, NY	BA7-4770
NC	Surpless Dunn & Appleyard Inc	57 Leonard St, New York 13, NY	BA7-4770
Ohio	Surpless Dunn & Appleyard Inc	57 Leonard St, New York 13, NY	BA7-4770
Ore	Arthur J Rud	P.O. Box 1986, Portland, Ore	
Pa	Surpless Dunn & Appleyard Inc	57 Leonard St, New York 13, NY	BA7-4770
RI	Surpless Dunn & Appleyard Inc	57 Leonard St, New York 13, NY	BA7-4770
SC	Surpless Dunn & Appleyard Inc	57 Leonard St, New York 13, NY	BA7-4770
Tenn	Surpless Dunn & Appleyard Inc	57 Leonard St, New York 13, NY	BA7-4770
Tex	Maynard Sales Co	2013 Cedar Springs, Dallas 1	RI2-2027
Utah	W B Gallifer	1559 Chester St, Aurora 8, Colo	EM6-0208
Vt	Surpless Dunn & Appleyard Inc	57 Leonard St, New York 13, NY	BA7-4770
Va	Surpless Dunn & Appleyard Inc	57 Leonard St, New York 13, NY	BA7-4770
Wash	Arthur J Rud	P.O. Box 1986, Portland, Ore	
W. Va	Surpless Dunn & Appleyard Inc	57 Leonard St, New York 13, NY	BA7-4770
Wisc	J H Rose & Co	1136 Linden Ave, Highland Park, Ill	AM2-5584
Wyo	W B Gallifer	1559 Chester St, Aurora 8, Colo	EM6-0208
Can	E S Gould Sales Co. Ltd	29 Le Royer St. W, Montreal 1, Que	AV8-5225

RAYMOND DE-ICER & ENG. CO. INC 5300 Pacific Blvd. Huntington Park, Cal ... LU9-6551
L Corzine #14 *200 C 45-885-1135

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Mass	William Fegan	6 Mayo St, Framingham	TR5-4501
Mich	Robert L Sarver	10600 Puritan Ave, Detroit 38	UN4-0003
For	Adtec Ltd	5950 Cote De Neiges, Montreal, Que	RE9-3193

RAYMOND ENGINEERING LAB INC Smith St, Middletown, Conn ... DI7-5611
1435

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Egbert Engineering Associates	499 Hamilton Ave, Palo Alto, Cal	DA4-1387
Cal	Meredith Engineering Associates	385 E. Green St, Pasadena, Cal	MU1-9957

RAYPAR INC ... 7800 W. Addison St, Chicago, Ill ... TU9-3700
320-345-365-1855

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Ungar Sales Associates	5525 Venice Blvd, Los Angeles 35, Cal	UP0-6116
Cal	Logan & Logan	254 Twelfth St, San Francisco, Cal	PL1-0992
Del	Ferrell S Cammins	14 Knickerbocker Dr, Newark, Del	
Ga	Paul Hayden Associates	P.O. Box 331, East Point, Ga	PO7-9646
Ill	Earl T Champion Associates	6459 N. Sheridan Rd, Chicago 26, Ill	AM2-3566
Ill	Giararas Sales Co	5435 Northwest Hwy, Chicago 30, Ill	SP4-4600
Ind	Doug Cook & Associates	3055 N. Meridian St, Indianapolis, Ind	WA6-6611
Ind	Ralph Roussey Associates	426 Edgewood Pl, River Forest, Ill	FO6-6523
Minn	Nick J Laub Co	3749 W. Broadway, Minneapolis 22, Minn	JU8-4963
NY	Kubrick & Yuman	475 S. Franklin St, Hempstead, NY	IV3-7200
NY	William Lichter Co	26 Teakwood Ln, Roslyn, NY	MA1-3636
Tex	Lloyd C Cole	P.O. Box 504, Denton, Tex	DU2-6017
Foreign	Sylvan Ginsbury Limited	8 W. 40th St, New York 18, NY	LO4-7585

RAYTHEON COMPANY

• **COMMER APPAR & SYS DIV** ... 225 Crescent St. Waltham 54, Mass ... TW9-8040
B Stuart *40000 G 45-255-895-1075-1135-1340-1395-1425-1655-1845-1855-1870-1915-1945

COMMUN & DATA PROCESS OPER 1415 Boston-Prvdnc Tnpk. Norwood, Mass ... NO7-6700
H Bennen *40000 G 325-338-430-1135-1425-1870

INDUS COMPONENTS DIV ... 55 Chapel St. Newton 58, Mass ... BI4-7500
W Wood *40000 G 15-50-275-338-610-645-670-790-845-895-925-960-1055-1150-1315-1325-1330-1460-1475-1480-1850-1880

• **MICROWAVE & PWR TUBE DIV** ... Spencer Lab Wayside Ave. Burlington, Mass ... BR2-9600
A Maier *40000 G 240-1135-1855

SEMICONDUCTOR DIV ... Gore Bldg. Waltham 54, Mass ... TW9-8400
W Schoemaker *40000 G 500-1150-445-1860

• **SPEC MICROWAVE DEV OPER** ... Waltham Ind Pk. Waltham 54, Mass ... TW9-8080
R Moschella *40000 G 655-895-1135-1145

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Raytheon Co	225 N Van Ness Ave, Hawthorne	PL7-3151
Cal	Raytheon Co	486 El Camino Real, Redwood City	EM9-5566
Ga	Raytheon Co	3110 Maple Dr, NE, Atlanta	TR4-2738
Mich	Raytheon Co	7430 2nd Ave, Detroit	TR3-5320
NJ	Raytheon Co	1500 Kings Hwy, Haddonfield	HA8-2499
Ohio	Raytheon Co	333 W 1st St, Dayton	BA3-8128
Tex	Raytheon Co	3510 Hall St, Dallas	LA6-7971
Can	Raytheon Canada Ltd	Waterloo, Ontario	SH5-5831

• **RAYTHEON CO DISTRIBUTOR PRODUCTS DIV** ... 411 Providence Tnpk, Westwood, Mass ... DA6-7700
W Grey *40000 G 15-45-325-338-415-500-785-790-845-925-960-990-1130-1135-1445-1845-1855-1860-1875-1880

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Forbes Distributing Co	2500 3rd Ave. S. Birmingham	AL1-4104
Ala	M G Electronics & Eqpt Co	203 S 16th St. Birmingham	FA2-3449
Ala	George O Jewie Assoc	104 Broadway, Birmingham	TR9-0215
Ala	Forbes Electronic Distributors	57 N Washington Ave. Mobile	HE2-7661
Ariz	Radio Specialties & Appliance Corp	917 N. 7th St, Phoenix, Ariz	AL8-6121
Ariz	Standard Radio Parts, Inc	210 N. First Ave, Tucson, Ariz	MA3-4326
Cal	Valley Electronic Supply Co	1302 W. Magnolia Blvd, Burbank, Cal	VI9-3944
Cal	R.V. Weatherford Co	6921 San Fernando Rd, Glendale, Cal	VI9-2471
Cal	Graybar Electric Co	210 Anderson St, Los Angeles, Cal	AN3-7282
Cal	Kierulff Electronics Corp	820 W. Olympic Blvd, Los Angeles, Cal	RI8-2444
Cal	Brill Electronics	610 E. 10th St, Oakland, Cal	TE2-6100
Cal	Elmar Electronics	140 11th St, Oakland, Cal	TE4-3311
Cal	Zack Electronics	505 High St, Palo Alto, Cal	DA5-5432
Cal	Fortune Electronics	1371 Mission St, San Francisco, Cal	UN1-2434
Cal	Santa Monica Radio Parts Corp	1517 Second St, Santa Monica, Cal	EX3-8231
Cal	Hollywood Radio & Electronics, Inc	5250 Hollywood Blvd, Hollywood	HO4-8321
Cal	Newark Electronic Co	4717 W Century Blvd, Inglewood	OR4-8440

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Federated Purchaser	11275 W Olympic Blvd, Los Angeles	BR2-877
Cal	Radio Parts Co	2060 India St, San Diego	BE9-936
Cal	Airtronic Sales Inc	2665 S Halladay St, Santa Ana	KI5-9441
Cal	Raytheon Co	486 El Camino Real, Redwood City	EM9-556
Cal	Raytheon Co	225 N Van Ness Ave, Hawthorne	PL7-315
Colo	Ward Terry & Co	70 Rio Grande Blvd, Denver	AM6-318
Colo	Ron Bowen & Assoc	721 S Broadway, Denver	RA2-464
Conn	J.V. Electronics	690 Main St, E. Haven, Conn	HO9-131
DC	Electronic Wholesalers, Inc	2345 Sherman Ave, NW, Washington	HU3-520
Fla	Electronic Equipment Co, Inc	2701 NW 42nd Ave, Miami	NE5-047
Fla	East Coast Radio & TV Co	1900 N.W. Miami Ct, Miami, Fla	FR1-463
Fla	Goddard Distributors, Inc	1309 Dixie, W. Palm Beach, Fla	TE3-570
Ga	Raytheon Co	3110 Maple Dr, NE, Atlanta	231-3380
Ill	Allied Radio Corp	100 N. Western Ave, Chicago, Ill	HA1-680
Ill	Newark Electronic Corp	223 W Madison St. Chicago	ST2-2344
Ill	Raytheon Co	9501 Grand Ave, Franklin Park	NA5-490
Ill	E Ralph Haines	949 Lake St, Oak Park	EU6-447
Ind	Graham Electronics Supply Inc	122 S. Senate St, Indianapolis, Ind	ME4-844
Ind	Raytheon Co	3599 S East St. Indianapolis	ST4-411
La	Columbia Radio & Supply Co	3940 3rd St, New Orleans	TW7-011
Md	Raytheon Co	100 Roesler Rd, Glen Burnie	SO1-045
Md	Wholesale Radio Parts Co., Inc	308 W. Redwood St, Baltimore, Md	MU5-213
Mass	Cramer Electronics, Inc	811 Boylston St, Boston, Mass	CO7-470
Mass	Lafayette Radio Corp. of Mass	110 Federal St, Boston, Mass	HU2-785
Mass	Electrical Supply Corp	205 Alewife Brook Pkwy, Cambridge, Mass	UN4-630
Mass	Graybar Electric Co	345 Harrison Ave. Boston	HU2-932
Mass	De Mambro Radio Supply Co	1095 Commonwealth Ave, Boston	AL4-900
Mass	Raytheon Co	411 Providence Tnpk, Westwood	DA6-770
Mich	Wedemeyer Electronic Supply Co	215 N. Fourth Ave, Ann Arbor, Mich	NO2-445
Mich	Raytheon Co	7430 2nd Blvd, Detroit 38	TR3-530
Mich	Ferguson Electronic Supply Co	2306 Puritan, Detroit, Mich	UN1-670
Minn	Raytheon Co	6121 Excelsior Blvd, Minneapolis	WE9-298
Miss	Ellington Radio, Inc	824 S Gallatin, Jackson	FL3-276
Mo	Burstein - Applebee Co	1012 McGee St, Kansas City, Mo	BA1-115
Mo	Graybar Electric Co	600 S Taylor Ave, St Louis 10	JE1-470
Mo	Raytheon Co	111 S Bemiston Ave, Clayton	PA7-511
NH	Evans Radio	Route 3A, Bow Junction, Concord	CA5-335
NJ	Raytheon Co	210 Sylvan Ave, Englewood Cliffs	LO7-490
NJ	General Radio Supply Co, Inc	600 Penn St, Camden	WO4-856
NJ	Raytheon Co	1500 Kings Hwy, Haddonfield	HA8-249
NJ	Federated Purchasers, Inc	1021 US Route 22, Mountainside	AD3-850
NY	Genesee Radio & Parts Co., Inc	2550 Delaware Ave, Buffalo, NY	DE 966
NY	Arrow Electronics, Inc	525 Jericho Tpke, Mineola, L.I., NY	PI6-868
NY	Milo Electronics Corp	530 Canal St, New York, NY	BE3-298
NY	Sun Radio & Electronics Co., Inc	650 Sixth Ave, New York, NY	OR5-860
NY	Stack Industrial Electronics, Inc	45 Washington St. Binghamton	RA3-632
NY	Wehle Electronics, Inc	465 Ellicott St, Buffalo	TL4-327
NY	Stack Industrial Electronics Inc	306 Railroad Ave. Elmira	RE3-651
NY	Ithaca Electronics	714 W Clinton St, Ithaca	IT2-3201
NY	H L Dalis Inc	35-35 24th St, Long Island City	EM1-110
NY	Terminal-Hudson Electronics, Inc	236 W 17th St, New York 11	CH3-570
NY	Raytheon Co	2360 James St, Syracuse	HO3-8141
NC	Raytheon Co	1400-04 E Morehead St, Charlotte	FR5-2814
Ohio	Main Line Cleveland, Inc	1260 E 38th St, Cleveland, Ohio	EX1-494
Ohio	Pioneer Electronic Supply Co	2115 Prospect Ave, Cleveland, Ohio	SU1-9411
Ohio	Buckeye Electronic Distributors Inc	242 E. Long St, Columbus, Ohio	CA8-376
Ohio	Srepco, Inc	413 Lee St, Dayton, Ohio	BA4-387
Ohio	United Radio Inc	13 Mercer St. Cincinnati	CHI-653
Ohio	Raytheon Co	3076 W 117 St. Cleveland	WI1-7716
Ohio	Raytheon Co	333 W 1st St. Dayton	BA3-813
Okla	S & S Radio Supply	537 S. Kenosha Ave, Tulsa, Okla	LU2-717
Okla	Raytheon Co	2611 E 41st St. Tulsa	RI3-4794
Ore	Lou Johnson Co., Inc	1506 N.W. Irving, Portland, Ore	CA2-955
Ore	Don H Burcham Co	510 NW 18th Ave, Portland	CA6-414
Pa	Almo Radio Co	913 Arch St, Philadelphia, Pa	WA2-590
Pa	Radio Electric Service Co	7th & Arch Sts, Philadelphia, Pa	WA5-584
Pa	Raytheon Co	1225 Old York Rd, Abington	TU6-750
Pa	Marks Parts Co	5523 Penn Ave, Pittsburgh	FA1-3700
Pa	George D Barbey Co, Inc., The	2nd & Pennsylvania Sts, Reading	FR6-745
Tenn	Bondurant Brothers Co	906 Sevier Ave, Knoxville, Tenn	3-9144
Tex	Graybar Electric Co	717 S. Good-Latimer, Dallas, Tex	RI2-6451
Tex	Harrison Equipment Co	1422 San Jacinto St, Houston, Tex	CA4-913
Tex	Busacker Electronic Eqpt Co	1216 W Clay St, Houston	JA8-466
Tex	Raytheon Co	3511 Hall St, Dallas	LA6-790
Utah	Standard Radio Supply	225 E. 6th S. St, Salt Lake City, Utah	EL5-297
Va	Priest Electronics	6431 Tidewater Dr, Norfolk, Va	MA7-453
Wash	Western Electronic Supply Co	717 Dexter Ave, Seattle, Wash	AT4-020
Wash	Don H Burcham Co	2917 2nd Ave, Seattle	MA2-551
W. Va	Meyers Electronics, Inc	813 Blue Field Ave, Blue Field, W. Va	DA5-315
Wisc	Electronic Expeditors, Inc	611 E. Vienna Ave, Milwaukee, Wisc	WO4-882
Can	Raytheon Canada Ltd	Waterloo, Ont	SH5-583
For	Raytheon Co, Intl Div & Serv	Lexington 73, Mass	VO2-660

RAYTHEON CO. GOVT MKTG ... Spring St. Lexington 73, Mass ... VO2-6600
M Curran *40000 G 35-45-325-338-430-775-885-895-1135-1395-1425-1655-1870-1915

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Raytheon Co. Govt Mktg	3320 Memorial Pkwy. SW, Huntsville	JE6-9862
Cal	Raytheon Co. Govt Mktg	225 N Van Ness Ave, Hawthorne	PL7-3151
Cal	Raytheon Co. Govt Mktg	645 7th St, San Francisco	MA1-1499
Colo	Raytheon Co. Govt Mktg	1422 N Hancock St, Colorado Springs	ME3-3946
DC	Raytheon Co. Govt Mktg	1000 16th St. Washington	ME8-5205
Fla	Raytheon Co. Govt Mktg	1612 E Colonial Dr, Orlando	GA3-0518
NJ	Raytheon Co. Govt Mktg	601 Bangs Ave, Asbury Park	KE1-2881
NY	Raytheon Co. Govt Mktg	225 N Washington St, Rome	FF7-2500
Wash	Raytheon Co. Govt Mktg	1905 Bush Pl, Seattle	EA3-2000

• **RAYTRON DIV. GEO RATTRAY & CO** 101 New South Rd. Hicksville, NY ... OV1-7100
H Hentrich #100 *200 E 1330

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Alas	James J Backer, Co	221 W Galer St, Seattle, Wash	
Cal	R W Thompson Assoc	814 N San Antonio Rd, Palo Alto	
Idah	James J Backer Co	221 W Galer St, Seattle 99, Wash	
Ill	Automatic Gen Elec Sales	2527B McKinney Ave, Dallas, Tex	
Ill	Automatic Gen Elec Sales	9933 Kathryn Dr, St Louis, Mo	
Iowa	Automatic Gen Electronic Sales Inc	6550-B Troost Ave, Kansas City 10, Mo	DE3-8286
Kan	Automatic Gen Electronic Sales Inc	6550-B Troost Ave, Kansas City 10, Mo	DE3-8286
Mass	R F MacDowell	P O Box 107, Melrose	
Minn	Crane Elec Sales Co	4120 W Lawrence Ave, Chicago 30, Ill	
Mont	James J Backer Co	221 W Galer St, Seattle, Wash	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Neb	Automatic Gas Electronic Sales Inc	6550-B Troost Ave, Kansas City 10, Mo	DE3-8206
NH	R F MacDowell Co	P O Box 102, Melrose, Mass	
NJ	SAM Assoc	150-09 87 Ave. Jamaica, NY	
NM	Automatic Gas Elec Sales Co	2527B McKinney Ave. Dallas, Tex	
Ore	James J Backer Co	221 W Galer St. Seattle 99, Wash	
Pa	SAM Assoc	150-09 87 Ave. Jamaica, NY	
RI	R F MacDowell Co	P O Box 102, Melrose, Mass	
Tex	Automatic Gas Elec Sales, Inc	2527B McKinney Ave, Dallas 1, Tex	
Vt	R F MacDowell Co	P O Box 102, Melrose, Mass	
Wash	James J Backer Co	221 W Galer St. Seattle 99	
Wis	Caine Electronic Sales Co	4120 W Lawrence Ave. Chicago, Ill	
Canada	John Herring & Co Ltd	3468 Dundas St, W., Toronto, Canada	RO2-9324
	REA MAGNET WIRE CO., INC	**3610 Pontiac St, Ft. Wayne, Ind**	**AN5201**
	I Barclay #10 *600 1075-1125-1960		
Cal	Rea Magnet Wire Co., Inc	3106 E. 11th St, Los Angeles 23, Cal	AN1-8101
Ga	Rea Magnet Wire Co., Inc	1856 Collier Dr. NW. Atlanta 18	TR5-5002
Ill	Rea Magnet Wire Co., Inc	5932 Gunnison St, Chicago 30, Ill	AV3-2608
Kan	Charles H Funk	P.O. Box 203, Hartford, Kan	HA4441
Mass	Rea Magnet Wire Co. Inc	74 Union St. Ashland	TR3-7091
Minn	O J Lennark	610 Plymouth Bldg, Minneapolis 2, Minn	FE3-3388
Mo	Rea Magnet Wire Co. Inc	1037 Wood Ave. Kirkwood 22	YO6-3337
NJ	Rea Magnet Wire Co., Inc	Hwy 22 & County Line Rd, Somerville	RA2-2300
Okla	John H Cole	1811 NW. 1st St. Oklahoma City 2	CE2-3171
Tex	Southern Electric Sales Co	600 2nd Ave. Dallas	TA3-6289
Wisc	E C Winkenwerder	5937 Gunnison St, Chicago 30, Ill	PE6-1332
	READY-POWER CO	**11231 Freud Ave, Detroit 14, Mich**	**VA2-1717**
	370-895-1340		
Ala	Ready-Power Co	1625 S. Rendon St, New Orleans, La	UN6-1155
Ariz	Ready-Power Co	3370 E. Florence, Huntington Park, Cal	LU5-2883
Ark	Ready-Power Co	1625 S. Rendon St, New Orleans, La	UN6-1155
Cal	Ready-Power Co	3370 E. Florence Ave, Huntington Park	LU5-2883
Colo	Ready-Power Co	1110 Brentwood Blvd, St. Louis 17, Mo	PA5-4315
Conn	Ready-Power Co	258 Park Square Bldg, Boston 16, Mass	DE8-7174
DC	Ready-Power Co	3370 E. Florence, Huntington Park, Cal	LU5-2883
Idaho	Ready-Power Co	3370 E. Florence, Huntington Park, Cal	LU5-2883
Ill	Ready-Power Co	8043 Stony Island, Chicago 17, Ill	SO8-9232
Iowa	Ready-Power Co	1000 Grand Ave, Des Moines 9, Iowa	AT3-1320
Kan	Ready-Power Co	1110 Brentwood Blvd, St. Louis 17, Mo	PA5-4315
La	Ready-Power Co	1625 S. Rendon St, New Orleans, La	UN6-1155
Me	Ready-Power Co	258 Park Square Bldg, Boston 16, Mass	DE8-7174
Mass	Ready-Power Co	258 Park Square Bldg, Boston 16, Mass	DE8-7174
Minn	Ready-Power Co	1000 Grand Ave, Des Moines 9, Iowa	AT3-1320
Miss	Ready-Power Co	1625 S. Rendon St, New Orleans, La	UN6-1155
Mo	Ready-Power Co	1110 Brentwood Blvd, St. Louis 17, Mo	PA
Mont	Ready-Power Co	1000 Grand Ave, Des Moines 9, Iowa	AT3-1320
Neb	Ready-Power Co	1000 Grand Ave, Des Moines 9, Iowa	AT3-1320
Nev	Ready-Power Co	3370 E. Florence, Huntington Park, Cal	LU5-2883
NH	Ready-Power Co	258 Park Square Bldg, Boston 16, Mass	DE8-7174
NJ	Ready-Power Co	P.O. Box 344, Ridgewood, NJ	GI4-5392
NM	Ready-Power Co	P.O. Box 4971, Dallas 6, Tex	TA7-4308
NY	Ready-Power Co	P.O. Box 344, Ridgewood, NJ	GI4-5392
ND	Ready-Power Co	1000 Grand Ave, Des Moines 9, Iowa	AT3-1320
Okla	Ready-Power Co	P.O. Box 4971, Dallas 6, Tex	TA7-4308
Ore	Ready-Power Co	3370 E. Florence, Huntington Park, Cal	LU5-2883
Pa	Ready-Power Co	18 W. Chelton, Philadelphia 44, Pa	VI8-5511
Pa	Ready-Power Co	1915 Brownsville Rd, Pittsburgh, Pa	TU2-1300
RI	Ready-Power Co	258 Park Square Bldg, Boston 16, Mass	DE8-7174
SD	Ready-Power Co	1000 Grand Ave, Des Moines 9, Iowa	AT3-1320
Tex	Ready-Power Co	3820 Kentwood Dr, Dallas 25, Tex	DR4-6787
Utah	Ready-Power Co	3370 E. Florence, Huntington Park, Cal	LU5-2883
Vt	Ready-Power Co	258 Park Square Bldg, Boston 16, Mass	DE8-7174
Wash	Ready-Power Co	3370 E. Florence, Huntington Park, Cal	LU5-2883
Wisc	Ready-Power Co	4295 N. 73rd St, Milwaukee 16, Wisc	HO3-1812
Wyo	Ready-Power Co	1000 Grand Ave, Des Moines 9, Iowa	AT3-1320
	RECOTON CORP	**52-35 Barnett Ave, Long Island City 4, NY**	**DE5-3344**
	H Miller 1195-1270-1760		
Ala	Morris F Taylor Co	940 Lake Elbert Dr. Winter Haven, Fla	CY4-2941
Ariz	Perlmuth Electronic Assoc	2659 E. Thomas Rd, Phoenix	
Ark	Texport Co., The	585 Clower, Memphis 9, Tenn	
Cal	Perlmuth Electronic Assoc	5057 W. Wash. Blvd. LA	WE1-1041
Cal	Technical Sales Associates	1465 Bayshore Blvd. SF	JU4-0393
Colo	W B Golliher	Box 307, Chester St. Aurora	EM6-0208
Conn	Keene Sales Co	25 Tremont St. Boston 8, Mass	RI2-0466
Del	Morris F Taylor Co	275 Bryn Mawr Ave. Lansdowne, Pa	MA2-0383
DC	Morris F Taylor Co	3601 Adams Dr. Silver Spring, Md	WH6-3569
Fla	Morris F Taylor Co	4504 Corona St. Tampa 9	62-4071
Ga	Morris F Taylor Co	940 Lake Elbert Dr. Winter Haven, Fla	CY4-2941
Haw	Gene Piety Factors Inc	Box 2903, Honolulu 17	
Idah	Ron Merritt Co	1238 NW. Glisan, Portland, Ore	CA2-7337
Ill	Gettleman & Litteken Co	5209 N. Kimball Ave. Chicago 25	JU8-0030
Ind	Walter W. Bieberich & Sons Inc	2817 Plaza Dr. Ft. Wayne 5	KE2928
Iowa	Collins-Havercamp Assoc	6825 N. Baltimore, KC 18, Mo	GL3-4497
Kan	Collins-Havercamp Assoc	6825 N. Baltimore, KC 18, Mo	GL3-4497
Ky	Walter W Bieberich & Sons	2817 Plaza Dr. Ft. Wayne, Ind	KE2928
Ky	Sid Levin & Assoc	6252 Mayfield Rd. Cleve, Ohio	HI2-8340
La	Texport Co., The	2147 Farrington St. Dallas 7, Tex	RI8-6458
Me	Keene Sales Co	25 Tremont St. Boston 8, Mass	RI2-0466
Md	Morris F Taylor Co	3601 Adams Dr. Silver Spring	WH6-3569
Mass	Keene Sales Co	25 Tremont St. Boston 8	RI2-0466
Mich	Grant Shaffer Co	14241 Fenkell Ave. Detroit	BR3-5390
Minn	Pat Aylward Co	3807 Grand Ave. Mpls 9	TA4-6266
Miss	Texport Co., The	2147 Farrington St. Dallas 7, Tex	RI8-6458
Mo	Collins-Havercamp Assoc	6825 N. Baltimore, KC 18	GL3-4497
Mont	Ron Merritt Co	1320 Prospect St. Seattle 9, Wash	MU2-7337
Neb	Collins-Havercamp Assoc	6825 N. Baltimore, KC 18, Mo	GL3-4497
Nev	Perlmuth Electronic Assoc	5057 W. Wash. Blvd. LA 16, Cal	WE1-1041
NH	Keene Sales Co	25 Tremont St. Boston 8, Mass	RI2-0466
NJ	Stang Sales	271 Columbus Ave. Tuckahoe, NY	SP9-6868
NJ	Morris F Taylor Co	275 Bryn Mawr Ave. Lansdowne, Pa	MA2-0383
NM	W B Golliher	1559 Chester St. Aurora 8, Colo	EM6-0208
NY	Bob Stang	271 Columbus Ave. Tuckahoe	SP9-6868
NY	Jack Brown Assoc	207 Roosevelt Rd. Yonkers	SP9-7330
NC	Morris F Taylor Co	1224 Dresden Dr. W. Charlotte 5	KE7-4878
ND	Pat Aylward & Co	3807 Grand Ave. Mpls 9, Minn	TA4-6266
Ohio	Sid Levin & Assoc	6252 Mayfield Rd. Cleve 24	HI2-8340
Okla	Texport Co., The	2147 Farrington St. Dallas 7, Tex	RI8-6458
Ore	Ron Merritt Co	1238 NW. Glisan, Portland 9	CA2-7337
Pa	Morris F Taylor Co	275 Bryn Mawr Ave. Lansdowne	
RI	Keene Sales Co	25 Tremont St. Boston 8, Mass	RI2-0466
SC	Morris F Taylor Co	1224 Dresden Dr. W. Charlotte 5, NC	KE7-4878
SD	Pat Aylward & Co	3807 Grand Ave. Mpls 9, Minn	TA4-6266
Tenn	Texport Co., The	585 Clower, Memphis 9	
Tex	Texport Co., The	2147 Farrington St. Dallas 7	RI8-6458
Utah	W B Golliher	1559 Chester St. Aurora 8, Colo	EM6-0208
Vt	Keene Sales Co	25 Tremont St. Boston 8, Mass	RI2-0466
Va	Morris F Taylor Co	3601 Adams Dr. Silver Spring, Md	WH6-3569
Wash	Ron Merritt Co	1320 Prospect St. Seattle 9	MU2-7337
W Va	Sid Levin & Assoc	6252 Mayfield Rd. Cleve 24, Ohio	HI2-8340
Wis	Gettleman & Litteken Co	5209 N. Kimball Ave. Chicago 25, Ill	JU8-0030
Wyo	W B Golliher	1559 Chester St. Aurora 8, Colo	EM6-0208
For	Robum Agencies	431-435 Greenwich St. NY, NY	
•	**RECTICO INC**	**20 Factory St, Cedar Grove, NJ**	**CE9-6464**
	F Sandler #2 *12 B 185-910-1340-1445		
NJ	Onole Co	Union, NJ	MU7-0620
NY	A Clarfield	Roosevelt, NY	FR9-3836
•	**RED BANK DIV. BENDIX CORP**	**Eatontown, NJ**	**LI2-2000**
	N Barny #200 *2000 G 65-275-365-895-915-1135-1455-1460-1880		
Cal	Bendix W. Coast Sales & Service	117 E. Providencia Ave, Burbank, Cal	VI9-3961
DC	Bendix Corp., The	1730 K St. Wash	FE3-8200
Ill	Bendix Corp., The	2N950 York Rd. Elmhurst	BR9-5050
Mass	Bendix Corp., The	114 Waltham St. Lexington	VO2-7650
Mich	Bendix Corp., The	12950 W 8 Mile Rd. Detroit 37	JO6-1420
NJ	Bendix Semiconductor Products	Holmdel	SH7-5400
NY	Bendix Intl Div	205 E 42nd St. New York City	MU3-1100
	RED DEVIL MFG CO	**1420 N Ogden Ave. Chicago 10, Ill**	**MI2-5161**
	M Kassoel *15 B 175-1120		
	RED POINT CORP	**105 W.Spazier Ave, Burbank, Cal**	**TH2-4895**
	12 *12 B 1075-1375		
Cal	John Crevelt	1434 Mitchell Way, Redwood City, Cal	EM8-5512
Ill	Harry Halinton	6400 N. Leoti Ave. Chicago 46	RO3-2131
NY	Brownell Electrical Insulation	85 10th Ave. NY 11	WA4-6000
Wis	Eng. Sales Co	2225 N. Humboldt Ave. Milwaukee 12	WO2-1777
	REDIFON LTD	**Broomhill Rd. London SW 18, Eng**	**VA-7281**
	J Turner #150 *2000 G 338-365-820-895-910-945-950-1425-1525-1610-1845-1870		
DC	Redifon Electronics Inc	5265 Watson St. NW, Wash	KE7-1558
Can	Redifon Canada	Box 3188, Sta C, Ottawa 3, Ont	
Can	Powertronic Eqpt Ltd	50 Bermondsey Rd. Toronto 16, Ont	
•	**REDMAN ELECTRONICS CORP**	**P. O. Box 72, Thompsonville, Conn**	**RI5-8024**
	E Tevidian #2 *10 A 370-450-1855		
	REDMOND CO., INC	**201 Monroe St, Owosso, Mich**	**SA5-5151**
	M Humbert *1580 G 1165		
Cal	Redmond Co., Inc	139 Illinois St, El Segundo, Cal	OR8-3867
Ill	Redmond Co., Inc	6525 W.N. Ave, Oak Park, Ill	VI8-5721
NJ	Redmond Co., Inc	850 Broad St, Newark 5, NJ	MI2-3990
Ohio	Redmond Co., Inc	1720 Section Rd, Cincinnati 37, Ohio	ME1-3153
Tex	Redmond Co., Inc	5531 Dyer St, Dallas 6, Tex	EM8-4461
	REEDER & CO., CHARLES M	**173 Victor Ave, Detroit 3, Mich**	**TO8-8348**
	C Reeder #2 *10 B 1795-1800		
	REEVE ELECTRONICS INC	**609 W Lake St, Chicago 6, Ill**	**RA6-9755**
	B Lowe #7 *40 C 735-820-1075		
Cal	Harry Gwinn	3074 LaFayette St, Santa Clara, Cal	CH8-8190
Cal	Wm R Guyer	1900 W. 110th St, Los Angeles 44, Cal	PL5-2702
Del	Henry W Braun	422 Washington Bldg, Wash 5, DC	JE4-6489
DC	Henry W Braun	422 Washington Bldg, Wash 5, DC	JE4-6489
Ga	Davidson-Kennedy Co	1090 Jefferson St NW, Atlanta	TR4-4483
Md	Henry W Braun	422 Washington Bldg, Wash 5, DC	JE4-6489
Mass	Connectronics Co	661 S Ave, Westong 3 Mass	CE5-2165
Mich	T M Jacobowitz Associates	15451 Woodward Ave, Highland Pk 3, Mich	TO8-5369
NJ	Electronic & Television Consultants	P.O. Box 47, Highbridge Sta, New York, NY	CY3-8082
NY	Jawesco Inc	535 Buffalo Rd, Rochester 11, NY	BE5-2920
NY	Electronic & Television Consultants	P.O. Box 47, Highbridge Sta, New York, NY	CY3-8082
Ohio	Handel Davies Co	3525 Lorain, Cleveland, Ohio	EV2-2800
Tex	Wilson Tyler & Co., Inc	4111 San Jacinto, Houston 4, Tex	KE4169
Va	Henry W Braun	422 Washington Bldg, Wash 5, DC	JE4-6489
Foreign	E D Magnus & Associates	188 W Randolph St, Chicago	FR2-8385
•	**REEVES-HOFFMAN DIV., DYNAMICS CORP OF AMER**	**145 Cherry St. Carlisle, Pa**	**CH3-5929**
	C Rohn #10 G 410-415-670-895-1165		
Cal	Ash M Wood Co	PO 1150, Arcadia	
Cal	R L Pflieger	1652 Laurel St, San Carlos, Cal	LY1-0395
Del	J N Barrett Associates	704 Federal St, Camden 3, NJ	EM5-2680
DC	Valley Electronics Co	1735 E Joppa Rd. Towson, Md	VA5-7820
Fla	Harry Ulrich	557 Lillian Dr. St Petersburg	
Ind	A E Williams	Rural Rt 1, Markle	
Ky	A E Williams	Rural Rt 1, Markle, Ind	
Me	Howard Jappe	37 Hillcrest Rd, Wakefield, Mass	CR6-4816
Md	Valley Electronics Inc	1735 E. Joppa Rd, Towson, Md	VA5-7820
Mass	Howard Jappe	37 Hillcrest Rd, Wakefield, Mass	CR6-4816
Mich	A E Williams	Rural Rt 1, Markle, Ind	
Nev	R L Pflieger	1652 Laurel St, San Carlos, Cal	LY1-0395
NH	Howard Jappe	37 Hillcrest Rd, Wakefield, Mass	CR6-4816
NJ	J N Barrett	110 Federal St. Camden	
NJ	S & M Associates	595 Broad Ave, Ridgefield, NJ	WH5-3080
NY	S & M Associates	595 Broad Ave, Ridgefield, NJ	WH5-3080
NY	Mid-State Research Sales Inc	327 Wellesley Rd, Syracuse 7, NY	GR6-0541
NC	Valley Electronics	1735 E Joppa Rd. Towson, Md	VA5-7820
Ohio	A E Williams	Rural Rt 1, Markle, Ind	
Pa	J N Barrett Associates	704 Federal St, Camden 3, NJ	EM5-2680
Tex	S Ind Elec, Inc	PO Box 3014, Dallas	
Vt	Howard Jappe	37 Hillcrest Rd, Wakefield, Mass	CR6-4816
Va	Valley Electronics	1735 E Joppa Rd. Towson, Md	VA5-7820
	REEVES INSTRUMENT CORP	**Roosevelt Field, Garden City, NY**	**PI6-8100**
	G Steinberg #325 *1175 G 15-45-145-150-285-310-338-340-755-775-780-885-895-1135-1150-1300-1395-1550-1555-1585-1745-1840		
Alas	Marsh Agencies, Inc	2601 1st Ave. Seattle 1, Wash	MA2-8761
Ariz	Reeves Instrument Corp	1216 5th St, Santa Monica, Cal	EX5-3289
Cal	Reeves Instrument Corp	1216 5th St, Santa Monica, Cal	EX5-3289
Colo	Barnhill Associates	1170 S. Sheridan Blvd, Denver 26, Colo	WE5-4645
Conn	Reeves Instrument Corp	9 Lemon Ct. Boston, Mass	AN8-4323
DC	Reeves Instrument Corp	1626 Jefferson Pl, N.W. Washington, DC	FE8-1747
Idah	Barnhill Assoc	660 E 1st N, Centerville, Utah	EL5-5101
Ill	Edward Magnuson Co	3349 W. Irving Park Rd, Chicago 18, Ill	JU8-2613
Ind	Edward Magnuson Co	3349 W. Irving Park Rd, Chicago 18, Ill	JU8-2613
Iowa	Edward Magnuson Co	3349 W. Irving Park Rd, Chicago 18, Ill	JU8-2613
Kan	McDowell Redingshafer Sales Co	1103 E Armour St. Kansas City, Mo	WE1-5622
Ky	Robert O Whitesell & Assoc	400 N 36th St. Louisville	SP6-2024
Mass	Reeves Instrument Corp	9 Lemon Ct. Boston	AN8-4323
Mich	J L Perras Co	15846 James Couzens Hwy, Detroit 21	UN2-2571
Minn	Edward Magnuson Co	3349 W. Irving Park Rd, Chicago 18, Ill	JU8-2613
Mo	McDowell Redingshafer Sales Co	1103 E Armour St. Kansas City	WE1-5622
Mont	Reeves Instrument Corp	802 White Oak Ln. Sunnyvale, Cal	CH8-7024
Neb	Barnhill Associates	1170 S. Sheridan Blvd, Denver 26, Colo	WE5-4645
Nev	Reeves Instrument Corp	1216 5th St, Santa Monica, Cal	EX5-3289
NM	Barnhill Assoc	1170 S Sheridan Blvd. Denver 26, Colo	WE5-4645
NY	Alan E DeCew Agency	P.O. Box 76, Sodus, NY	SO3261
ND	Reeves Instrument Corp	802 White Oak Ln. Sunnyvale, Cal	CH8-7024
Ohio	Robert O Whitesell & Assoc	2209 Losantiville Ave. Cinc	ME1-9210
Ohio	Robert O Whitesell & Assoc	21139 Lorain Ave. Fairview Park 26	ED3-2585
Ohio	Robert O Whitesell & Assoc	2610 Far Hills Bldg. Dayton	AX8-4261
Okla	Servo/Electronics Products Co	P.O. Box 13371, Dallas 20, Tex	FL1-4653
Ore	Marsh Agencies, Inc	2601 1st Ave. Seattle 1, Wash	MA2-8761
SD	Reeves Instrument Corp	802 White Oak Ln. Sunnyvale, Cal	CH8-7024
Tex	Servo/Electronics Products Co	P.O. Box 13371, Dallas 20, Tex	FL1-4653
Utah	Barnhill Assoc	660 E 1st N, Centerville	EL5-5101
Wash	Marsh Agencies, Inc	2601 1st Ave. Seattle 1	MA2-8761
W Va	Robert O Whitesell & Assoc	21139 Lorain Ave. Fairview Park 26, Ohio	ED3-2585
Wisc	Edward Magnuson Co	3349 W. Irving Park Rd, Chicago 18, Ill	JU8-2613
Wyo	Barnhill Associates	1170 S. Sheridan Blvd, Denver 26, Colo	WE5-4645
For	Hudson Randell Intl	6 Pawcatuck Ave. Westerly, RI	LY5-5757
	REEVES SOUNDCRAFT CORP	**Great Pastures Rd, Danbury, Conn.**	**PI3-7601**
	W Deacy #9 *300 F 505-1755-1760		
Ala	Grady Duckett Sales Co	26 E. Andrews Dr, Atlanta, Ga	
Alaska	Ron Merritt Co	1320 Prospect St, Seattle 9, Wash	
Ariz	Marshank Sales Co	7422 Melrose Ave, Los Angeles 46, Cal	
Ark	Maynard Sales Co	2013 Cedar Springs, Dallas, Tex	
Colo	McLoud & Raymond Co	5403 E. Evans Ave, Denver, Colo	
Conn	Coakley Sales Office	148 Needham St, Newton Highlands, Boston, Mass	
Del	Land-C-Air Sales Co	76 Main St, Tuckahoe, NY	
DC	Land-C-Air Sales Co	76 Main St, Tuckahoe, NY	
Fla	Grady Duckett Sales Co	26 E. Andrews Dr, Atlanta, Ga	
Ga	Grady Duckett Sales Co	26 E. Andrews Dr, Atlanta, Ga	
Hawaii	Jim Martin Sales Co	P O Box 2956, Honolulu 5, Hawaii	
Idaho	McLoud & Raymond Co	5403 E. Evans Ave, Denver, Colo	
Ill	R W Farris Co., Inc	406 W. 34th St, Kansas City 2, Mo	
Ind	Thomas & Sekup Inc	5226 N. Keystone Ave, Indianapolis 20, Ind	
Iowa	R W Farris Co., Inc	406 W. 34th St, Kansas City 2, Mo	
Kan	R W Farris Co., Inc	406 W. 34th St, Kansas City 2, Mo	
Ky	Thomas & Sekup Inc	5226 N. Keystone Ave, Indianapolis 20, Ind	
La	Maynard Sales Co	2013 Cedar Springs, Dallas, Tex	
Me	Coakley Sales Office	148 Needham St, Newton Highlands, Boston, Mass	
Md	Land-C-Air Sales Co	76 Main St, Tuckahoe, NY	
Mass	Coakley Sales Office	148 Needham St, Newton Highlands, Boston, Mass	
Mich	R C Merchant & Co., Inc	18411 W. McNichols Rd, Detroit 19, Mich	
Minn	Stan Clothier Co., Inc	12 W. 58th St, Minneapolis, Minn	
Miss	Grady Duckett Sales Co	26 E. Andrews Dr, Atlanta, Ga	
Mo	R W Farris Co., Inc	406 W. 34th St, Kansas City 2, Mo	
Mont	McLoud & Raymond Co	5403 E. Evans Ave, Denver, Colo	
Neb	R W Farris Co., Inc	406 W. 34th St, Kansas City 2, Mo	
Nev	Bill Kolons & Co	219 California Dr, Burlingame, Cal	
NH	Coakley Sales Office	148 Needham St, Newton Highlands, Boston, Mass	
NJ	Land-C-Air Sales Co	76 Main St, Tuckahoe, NY	
NM	McLoud & Raymond	5403 E. Evans Ave, Denver, Colo	
NY	Newhope Corp., The	6 E 39th St. New York City	
NY	Leonard D Allen, Inc	115 Luther Ave. Syracuse	
NY	Land-C-Air Sales Co	76 Main St, Tuckahoe, NY	
NC	Grady Duckett Sales Co	26 E. Andrews Dr, Atlanta, Ga	
ND	Stan Clothier Co., Inc	12 W. 58th St, Minneapolis, Minn	
Ohio	F A Daugherty Co	6025 Mayfield Rd, Cleveland 24, Ohio	
Okla	Maynard Sales Co	2013 Cedar Springs, Dallas, Tex	
Ore	Ron Merritt Co	1320 Prospect St, Seattle 9, Wash	
Pa	F A Daugherty Co	6025 Mayfield Rd, Cleveland 24, Ohio	
Pa	Land-C-Air Sales Co	76 Main St, Tuckahoe, NY	
RI	Coakley Sales Office	148 Needham St, Newton Highlands, Boston, Mass	
SC	Grady Duckett Sales Co	26 E. Andrews Dr, Atlanta, Ga	
SD	Stan Clothier Co., Inc	12 W. 58th St, Minneapolis, Minn	
Tenn	Grady Duckett Sales Co	26 E. Andrews Dr, Atlanta, Ga	
Tex	Maynard Sales Co	2013 Cedar Springs, Dallas, Tex	
Utah	McLoud & Raymond Co	5403 E. Evans Ave, Denver, Colo	
Vt	Coakley Sales Office	148 Needham St, Newton Highlands, Boston, Mass	
Va	Land-C-Air Sales Co	76 Main St, Tuckahoe, NY	
Wash	Ron Merritt Co	1320 Prospect St, Seattle 9, Wash	
W. Va	F A Daugherty Co	6025 Mayfield Rd, Cleveland 24, Ohio	
Wisc	George Petitt Co., Inc	349 N. Ashland Ave, River Forest, Ill	
Wyo	McLoud & Raymond	5403 E. Evans Ave, Denver, Colo	
•	**REFLECTONE ELECTRONICS INC**	**W Main & Myano La. Stamford, Conn**	**DA5-2251**
	338-895-1165-1340-1610		
Ala	Allen C Craft Jr	P.O. Box 11716, Atlanta 5, Ga	TR2-5995
Ariz	George A Stever	P.O. Box 325, Montrose, Cal	CH5-2173
Cal	George A Stever	P.O. Box 325, Montrose, Cal	CH5-2173
Conn	J J Deegan	209 Ocean Dr, E., Stamford, Conn	FI8-2210
Del	R A Potter	64 Woodland Ave, Summit, NJ	CR7-0220
Fla	Allen C Craft Jr	P.O. Box 11716, Atlanta 5, Ga	TR2-5995
Ga	Allen C Craft Jr	P.O. Box 11716, Atlanta 5, Ga	TR2-5995
Ill	Hill & Gray Inc	41 1/2 Harrison St, Oak Park, Ill	ES8-7050
La	Gey Sales Co	405 Sul Ross St, Houston, Tex	JA9-3475
Me	J J Deegan	209 Ocean Dr, E., Stamford, Conn	FI8-2210
Md	R A Potter	64 Woodland Ave, Summit, NJ	CR7-0220

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Mass	J J Daggon	211 Ocean Dr, E., Stamford, Conn	FI8-2210
Mich	J L Peirce Co	19896 James Couzens Hwy, Detroit 21	UN3-2571
Miss	Allen C Craft Jr	P.O. Box 11716, Atlanta 5, Ga	TR2-5395
NH	J J Daggon	209 Ocean Dr, E., Stamford, Conn	FI8-2210
NJ	R A Potter	64 Woodland Ave, Summit, NJ	CR7-0220
NY	R A Potter	64 Woodland Ave, Summit, NJ	CR7-0220
NC	Allen C Craft Jr	P.O. Box 11716, Atlanta 5, Ga	TR2-5395
Pa	R A Potter	64 Woodland Ave, Summit, NJ	CR7-0220
RI	J J Daggon	209 Ocean Dr, E., Stamford, Conn	FI8-2210
SC	Allen C Craft Jr	P.O. Box 11716, Atlanta 5, Ga	TR2-5395
Tenn	Allen C Craft Jr	P.O. Box 11716, Atlanta 5, Ga	TR2-5395
Tex	Gay Sales Co	420 Sul Ross St, Houston, Tex	JA3-3479
Vt	J J Daggon	209 Ocean Dr, E., Stamford, Conn	FI8-2210
Va	R A Potter	64 Woodland Ave, Summit, NJ	CR7-0220
Wash	Shaffer & Nelson	312 Occidental Ave, Seattle 4, Wash	MU2-0186
Wisc	Hill & Grey Inc	41 1/2 Harrison St, Oak Park, Ill	ES8-7150
Canada	MEL Sales Ltd	2969 Avenue Rd, Toronto 12, Ontario	HU1-0231
Foreign	Intercontinental Ad Corp	74 Trinity Pl, New York, NY	WH3-7840
	REGENT TUBE & BAG CO	**39 E 20th St, NY 3, NY**	**AL4-1321**
	***10 B 1220-1225**		
	REGO INSULATED WIRE CO	**830 Monroe St, Hoboken, NJ**	**OL6-2020**
	45-55-190-265-290-375-385-765-1855-1960		
	REGULATORS INC	**455 W.Main St, Wyckoff, NJ**	**TW1-3300**
	G Hoffman #4 *60 B 275-360-895-915-1340-1455		
	REICHHOLD CHEMICALS INC	**525 N.Broadway, White Plains, NY**	**WH8-6200**
	***2500 G 30-1290**		
Ala	Reichhold Chemicals Inc	Tuscaloosa, Ala	PL2-2551
Cal	Reichhold Chemicals Inc	P. O. Box 22, Azusa, Cal	CU3-4123
Cal	Reichhold Chemicals Inc	P O Box 791, San Francisco	PL5-9792
Colo	George C Brandt Inc	1940 Blake St, Denver 2, Colo	TA5-5871
Fla	Reichhold Chemicals Inc	P.O. Box 6427, Jacksonville 5, Fla	EV9-8831
Fla	Reichhold Chemicals Inc	4471 N.W. 36th St, Miami Springs, Fla	TU7-9475
Ga	Swint & Co	185 Rio Circle, Decatur	DR7-3171
Hawaii	Chester R Owen	1282 Kapiolani Blvd, Honolulu 1, Hawaii	501-073
Ill	Reichhold Chemicals Inc	P.O. Box 446, Argo, Ill	GL8-2400
Ill	Reichhold Chemicals Inc	3242 S. Fiftieth Ave, Cicero 50, Ill	OL2-7740
Kan	Reichhold Chemicals Inc	3150 Fiberglas Rd, Kansas City 15, Kan	MA1-4900
Ky	Reichhold Chemicals, Inc	4711 Norbourne Blvd, Louisville 7	897-1515
La	Reichhold Chemicals Inc	941 Trade Mart, New Orleans 12, La	JA5-6695
Maine	Emery Products Div	120 Potter St, Cambridge 42	KI7-7036
Mass	Reichhold Chemicals Inc	P.O. Box 158, Ballardvale, Mass	GR5-6603
Mich	Reichhold Chemicals Inc	601-707 Woodward Hghts Blvd, Detroit 20	JO4-6360
Minn	George C Brandt Inc	739 Pillsbury Ave, St. Paul 14, Minn	MI6-1339
Mo	Reichhold Chemicals Inc	7730 Carondelet Ave, St. Louis 5, Mo	PA6-2929
NJ	Reichhold Chemicals Inc	726 Rockefeller St, Elizabeth 2, NJ	EL3-6600
NY	Reichhold Chemicals Inc	314 Harrison St, Syracuse 2, NY	GR1-4149
NY	Varcum Chemical Div	P O Box 476, Niagara Falls	BU2-2755
NC	Reichhold Chemicals Inc	P.O. Box 3725, Charlotte 3, NC	JA3-4114
NC	Dennis & Co	P.O. Box 565, High Point, NC	2-1322
Ohio	Dennis & Co	1415 Werne Rd, Cincinnati 13, Ohio	ME1-1698
Ohio	Reichhold Chemicals, Inc	21380 Lorain Rd, Cleveland 26	ED1-6123
Ohio	Marligloss Fibers Div	P O Box 98, Bremen	LO9-4175
Ohio	Martin C Hutt Sales Co	138 Front St, Berea, Ohio	BE4-3244
Pa	Reichhold Chemicals Inc	120 Walnut Pk Plaza, Philadelphia 38, Pa	GR4-7893
Pa	Reichhold Chemicals Inc	1402 Oliver Bldg, Pittsburgh 22, Pa	GR1-6645
SC	Reichhold Chemicals, Inc	P O Box 347, Hampton	HA2861
Tex	Specialty Chemicals Div	P O Box 9405, Austin	GL2-2561
Tex	Reichhold Chemicals Inc	1503 Haden Rd, Green's Bayou, Houston	GL3-5431
Tex	Reichhold Chemicals Inc	4919 Reading St, Dallas 7	FL1-5491
Tex	Reichhold Chemicals, Inc	P O Box 9608, Houston 15	GL3-5431
Va	Reichhold Chemicals Inc	P.O. Box 1477, Martinsville, Va	ME2-4797
Wash	Reichhold Chemicals Inc	P.O. Box 3547, Seattle 24, Wash	PA3-6300
Wash	Reichhold Chemicals Inc	P.O. Box 1482, Tacoma, Wash	FU3-5416
Wis	Reichhold Chemicals, Inc	P O Box 26, Appleton	RE3-3910
Foreign	Sales Office/Representatives in All Principal Countries.		
	REILLY TAR & CHEMICAL CORP	**11 S.Meridian St, Indianapolis 4, Ind**	**ME8-7531**
	315		
	RELAYS INC	**162 W. 83rd St, New York 24, NY**	**TR3-4500**
	S Hartley #2 *26 B 1460		
	RELCO PRODUCTS	**5594 E Jefferson Ave, Denver 22, Colo**	**SK6-1143**
	M Bertz #2 *10 A 1615		
Cal	Pybman Co	4129 W. 182nd St, Torrance, Cal	FR9-5531
Colo	Puente Sales Co	465 S Leyden St, Denver 22	DU8-3125
Ill	J J Indra Sales Co	5117 N Oconto Ave, Chicago 31	UN7-8524
Ind	J J Indra Sales Co	5117 N Oconto Ave, Chicago 31, Ill	UN7-8524
Mich	Clare Electronics	24431 Detroit Dr, Cleveland 17, Ohio	IV1-5364
NJ	Adolph Schwartz	15 Exchange Pl, Jersey City 2	HO2-1757
NM	Puente Sales Co	465 S Leyden St, Denver 22, Colo	DU8-3125
NY	Adolph Schwartz	15 Exchange Pl, Jersey City 2, NJ	HO4-1757
Ohio	Clare Electronics	24431 Detroit Dr, Cleveland 17	IV1-5364
Pa	Clare Electronics	24431 Detroit Dr, Cleveland 17, Ohio	IV1-5364
Utah	Puente Sales Co	465 S Leyden St, Denver 22, Colo	DU8-3125
Wis	J. J. Indra Sales Co	5117 N Oconto Ave, Chicago 31, Ill	UN7-8524
	RELIABLE SPRING & WIRE FORMS CO	**3167 Fulton Rd, Cleveland 9, Ohio**	**ME1-2800**
	R Pond #2 *120 A 1690-1970		
Ga	ARDCO Distributors	P.O. Box 11585, Atlanta 5, Ga	CE3-7832
Ill	Robert P Peterson	Box 516, Park Ridge	NE1-9669
Ind	John C Thomas	327 N Irvington Ave, Indpls 19	FL9-2518
Md	G T McMaster	P.O. Box 115, Valley Forge, Pa	WE3-6993
Mich	Eberly & [illegible] Inc	18218 Puritan Ave, Detroit 38, Mich	UN3-6800
Minn	Richard P Valice	759 N. Milwaukee St, Milwaukee 2, Wisc	BR2-8393
Mo	J J Grant	1249 Hampton Ave, St Louis	CO1-7580
NJ	G T McMaster	P.O. Box 115, Valley Forge, Pa	WE3-6993
NY	Prom G Limpendorf	517 Cumberland Ave, Syracuse 10, NY	GR2-4195
Pa	Geo H Herchenroether	P.O. Box 10445, Pittsburgh 34, Pa	FI1-9380
Va	G T McMaster	P.O. Box 115, Valley Forge, Pa	WE3-6993
W Va	George H Herchenroether	Box 10445, Pittsburgh 34, Pa	
Wisc	Richard P Valice	759 N. Milwaukee St, Milwaukee 2, Wisc	BR2-8393
	RELIANCE AUTOMATIC LIGHTING CO	**1919 Mead St, Racine, Wis**	**ME2-6171**
	D Flegel #1 B 1810		
Ariz	Barney H Hartley	Box 4101, Phoenix	AL8-2552
Ark	Jack C Smith Co	1307 W 2nd, Russellville	WO7-1930
Cal	Fletcher Sales Co	2100 4th St, Berkeley 10	TH5-1853
Cal	Ed Marburg Co., The	1707 E 7th St, Los Angeles 21	MA7-1125
Colo	S & W Electric Co	2144 Welton St, Denver 5	PE3-9317
Fla	W Chester Smith	201 E Broward Blvd, Ft Lauderdale	JA7-7172
Ill	Rick & Selleg	549 W Washington Blvd, Chicago 6	RA6-6140
La	Chas E Corrigan, Jr	1200 St Charles Ave, New Orleans 13	JA5-5655
Md	Clarence Lee Walker	Nat'l Marine Bank Bldg, Baltimore 2	LE9-1084
Mass	M C Shine	Box 27, Newton Centre 59	LA7-4205
Mich	Foehler-Passmore Co, Inc	11833 Hamilton, Detroit 3	TO8-3022
Mich	B F Segall Co	16744 Wyoming, Detroit 21, Mich	
Minn	W E Hushens & Assoc. Inc	529 S 7th St, Minneapolis 15	FE6-1947
NJ	Philip I Hirsh	70 W Lincoln St, Verona	CE9-2723
NY	Andrew J Graf	214 W 31st St, New York 1, NY	
Ohio	Lee Sales Co	4447 Westmont Dayton 24	BA4-9891
Okla	Chas R McRay Co	1405 N Barnes, Oklahoma City 12	JA4-4033
Pa	John S Ridinger	4968 Liberty Ave, Pittsburgh 24, Pa	
Tenn	Jim Hash Co	39 Jonandema Ln, Knoxville	3-9270
Tex	Jim Robertson & Co	2525 Farrington St, Dallas 7	RI2-4636
Tex	Arthur H Swartz	Box 14473, Houston 21, Tex	
For	Henry Stern & Co, Inc	236 W 27th St, New York 1, NY	
	REMANCO INC	**1805 Colorado, Santa Monica, Cal**	**GL1-1341**
	M Steele #17 *75 E 895-1135-1200-1395-1550-1555-1610		
Ala	Taylor Eng Co	2100 St Paul St, Baltimore 18, Md	BE5-9126
Alas	Cain & Co	7736 33rd, NE, Seattle 5, Wash	MA3-3303
Ariz	Cain & Co	1135 Garnet Ave, San Diego 9, Cal	HU8-0665
Ark	Cain & Co	203 Linda Ln, Irving, Tex	BL5-2050
Cal	Cain & Co	1717 N Highland, Los Angeles 28	HO2-6491
Colo	Cain & Co	1137 Grape St, Denver 20	EA2-2594
Conn	Cain & Co	10 Columbus Circle, New York	PL7-8877
Del	Taylor Eng Co	2100 St Paul St, Baltimore 18, Md	BE5-9126
DC	Cain & Co	15th St, NW, Wash	EX3-7587
Fla	Taylor Eng Co	711 Magnolia, Orlando	CH1-2941
Ga	Taylor Eng Co	711 Magnolia, Orlando, Fla	CH1-2941
Idah	Cain & Co	7736 33rd, NE, Seattle 5, Wash	MA3-3303
Ill	Cain & Co	3508 Devon Ave, Chicago 45	OR6-9500
Ind	Cain & Co	3508 Devon Ave, Chicago 45, Ill	OR6-9500
Iowa	Cain & Co	3508 Devon Ave, Chicago 45, Ill	OR6-9500
Kan	Cain & Co	3508 Devon Ave, Chicago 45, Ill	OR6-9500
Ky	Cain & Co	P O Box 184, Yellow Springs, Ohio	RO7-8661
La	Cain & Co	203 Linda Ln, Irving, Tex	BL5-2050
Me	Cain & Co	10 Columbus Circle, New York	PL7-8877
Md	Taylor Eng Co	2100 St Paul St, Baltimore 18	BE5-9126
Mass	Cain & Co	10 Columbus Circle, New York	PL7-8877
Mich	Cain & Co	P O Box 184, Yellow Springs, Ohio	RO7-8661
Minn	Cain & Co	3508 Devon Ave, Chicago 45, Ill	OR6-9500
Miss	Cain & Co	3508 Devon Ave, Chicago 45, Ill	OR6-9500
Mo	Cain & Co	3508 Devon Ave, Chicago 45, Ill	OR6-9500
Mont	Cain & Co	7736 33rd, NE, Seattle 5, Wash	MA3-3303
Neb	Cain & Co	3508 Devon Ave, Chicago 45, Ill	OR6-9500
Nev	Cain & Co	22111 Holt Ave, Los Altos, Cal	YO9-0995
NH	Cain & Co	10 Columbus Circle, New York 19, NY	PL7-8877
NJ	Cain & Co	1107 Green Briar Rd, Haddonfield	HA9-3770
NM	Cain & Co	1437 San Mateo, NE, Albuquerque	268-5300
NY	Cain & Co	10 Columbus Circle, New York 19	PL7-8877
NC	Taylor Eng Co	2100 St Paul St, Baltimore 18, Md	BE5-9126
ND	Cain & Co	3508 Devon Ave, Chicago 45, Ill	OR6-9500
Ohio	Cain & Co	P O Box 184, Yellow Springs	RO7-8661
Okla	Cain & Co	203 Linda Ln, Irving, Tex	BL5-2050
Ore	Cain & Co	7736 33rd, NE, Seattle 5, Wash	MA3-3303
Pa	Cain & Co	10 Columbus Circle, New York 19, NY	PL7-8877
RI	Cain & Co	10 Columbus Circle, New York 19, NY	PL7-8877
SC	Taylor Eng Co	711 Magnolia, Orlando, Fla	CH1-2941
SD	Cain & Co	3508 Devon Ave, Chicago 45, Ill	OR6-9500
Tenn	Taylor Eng Co	711 Magnolia, Orlando, Fla	CH1-2941
Tex	Cain & Co	203 Linda Ln, Irving	BL5-2050
Utah	Cain & Co	1437 San Mateo, NE, Albuquerque, NM	268-5300
Vt	Cain & Co	10 Columbus Circle, New York 19, NY	PL7-8877
Va	Taylor Eng Co	2100 St Paul St, Baltimore 18, Md	BE5-9126
Wash	Cain & Co	7736 33rd, NE, Seattle 5	MA3-3303
W Va	Cain & Co	P O Box 184, Yellow Springs, Ohio	RO7-8661
Wis	Cain & Co	3508 Devon Ave, Chicago 45, Ill	OR6-9500
Wyo	Cain & Co	1437 San Mateo, NE, Albuquerque, NM	268-5300
For	Transworld Trade	400 N Beverly Dr, Beverly Hills, Cal	GR5-2444
•	**REMBAR CO., INC., THE**	**67 Main St, Dobbs Ferry, NY**	**OW3-2620**
	F Firor, Jr 1125-1885-1960		
	REMINGTON RAND UNIVAC DIV SPERRY RAND CORP	**315 Park Ave. S, New York 10, NY**	**SP7-8000**
	H Smith 338-340-430-895		
Ala	Remington Rand Univac-	7216 5th Ave, N., Birmingham 3, Ala	FA3-[illegible]
Cal	Remington Rand Univac-	3601 Wilshire Blvd, Los Angeles, Cal	DU1-3361
Cal	Remington Rand Univac-	41 First St, San Francisco 5, Cal	DO2-[illegible]
Colo	Remington Rand Univac-	620 W. Colfax Ave, Denver 4, Colo	AC2-3811
Conn	Remington Rand Univac-	210 Washington St, Hartford 6, Conn	JA2-0263
Conn	Remington Rand Univac-	1962 E. Main St, Bridgeport 10, Conn	FO7-7731
DC	Remington Rand Univac-	1615 L. St, N.W., Wash 6, DC	NA8-[illegible]
Fla	Remington Rand Univac	1417 San Marco Blvd, Jacksonville 7, Fla	EX8-[illegible]
Fla	Remington Rand Univac-	7521 Biscayne Blvd, Miami 37, Fla	PL7-2861
Ga	Remington Rand Univac-	Spring at Sixth St, Atlanta 8, Ga	TR6-7581
Ill	Remington Rand Univac-	444 N. Michigan Ave, Chicago 11, Ill	MO4-[illegible]
Ind	Remington Rand Univac-	1515 N. Meridian St, Indpls 2, Ind	ME5-7481
Iowa	Remington Rand Univac-	2413 Grand Ave, Des Moines 12, Iowa	CH3-[illegible]
Ky	Remington Rand Univac-	1706 Bardstown Rd, Louisville 5, Ky	GL1-7795
La	Remington Rand Univac-	1711 St. Charles Ave, New Orleans 13	JA2-0451
Md	Remington Rand Univac-	520 St. Paul Pl, Baltimore 2, Md	SA7-[illegible]
Mass	Remington Rand Univac-	671 Commonwealth Ave, Boston 15, Mass	CO7-[illegible]
Mich	Remington Rand Univac-	2970 W. Grand Blvd, Detroit 2, Mich	TR4-[illegible]
Minn	Remington Rand Univac-	3000 University Ave, S.E., Minneapolis, Minn	FE9-5511
Mo	Remington Rand Univac-	3911 Baltimore Ave, Kansas City 11, Mo	GA1-67[illegible]
Mo	Remington Rand Univac-	4100 Lindell Blvd, St. Louis 8, Mo	OL2-[illegible]
Neb	Remington Rand Univac-	1501 Howard St, Omaha 2, Neb	JA2[illegible]
NJ	Remington Rand Univac-	1015 Broad St, Newark 2, NJ	MA3-[illegible]
NY	Remington Rand Univac-	430 Central Ave, Albany 6, NY	AL2-44[illegible]
NY	Remington Rand Univac-	334 Delaware Ave, Buffalo 2, NY	WA2[illegible]
NY	Remington Rand Univac-	435 James St, Syracuse 3, NY	GR4-6521
NC	Remington Rand Univac-	908 S. Tryon St, Charlotte 1, NC	FR6-[illegible]
Ohio	Remington Rand Univac-	2250 Gilbert Ave, Cincinnati 6, Ohio	PL1-[illegible]
Ohio	Remington Rand Univac-	2115 Chester Ave, Cleveland 14, Ohio	CH1-[illegible]
Ohio	Remington Rand Univac-	497 E. Broad St, Columbus 15, Ohio	CA1-[illegible]
Okla	Remington Rand Univac-	216 N.W. 10 St, Oklahoma City 3, Okla	CE5-441[illegible]
Ore	Remington Rand Univac-	515 S.W. Pine St, Portland 4, Ore	CA8-[illegible]
Pa	Remington Rand Univac-	900 Market St, Harrisburg, Pa	CE4-[illegible]
Pa	Remington Rand Univac	1624 Locust St, Philadelphia 3, Pa	KI6-[illegible]
Pa	Remington Rand Univac-	Stanwix at 4th Ave, Pittsburgh 22, Pa	EX1-[illegible]
Tenn	Remington Rand Univac	341 Madison Ave, Memphis 3, Tenn	JA7-[illegible]
Tenn	Remington Rand Univac-	1712 West End Ave, Nashville 3, Tenn	AL5-[illegible]
Tex	Remington Rand Univac-	2100 N. Akard St, Dallas 1, Tex	RI7-[illegible]
Tex	Remington Rand Univac-	2323 San Jacinto St, Houston 2, Tex	CA3-475[illegible]
Utah	Remington Rand Univac-	164 S. 2nd East St, Salt Lake City, Utah	DA4-[illegible]
Va	Remington Rand Univac-	9 N. Third St, Richmond 19, Va	MI8-[illegible]
Wash	Remington Rand Univac-	2720 Third Ave, Seattle 1, Wash	MU2-[illegible]
Wisc	Remington Rand Univac-	624 N. Broadway, Milwaukee 2, Wisc	BR1-[illegible]
	REMLER CO	**2101 Bryant St, San Francisco 10, Cal**	**VA2-343[illegible]**
	A Hart #7 *50 D 180-285-325-345-475-1130-1170-1285-1290-1370-1425-1620-1630-1675		
Cal	Strickel McAllister Associates	4357 Melrose Ave, Los Angeles, Cal	NO5-6621
DC	Col. M L Lowrey	1221 Wyatt Bldg, Washington	ST3-4[illegible]
Ohio	Arnold Clark	4288 Brumbaugh Blvd, Dayton 6, Ohio	CR7-7712
	REMSEL INDUSTRIES INC	**1414 S. Wabash Ave, Chicago 5, Ill**	**WA2-971[illegible]**
	G Kuba *60 E 105		
Ariz	Sharpe Htg. & Vent. Inc	1266 S. Boyle Ave. LA, Cal	AN9-03[illegible]
Cal	Sharpe Htg. & Vent. Inc	1266 S. Boyle Ave. LA	AN9-03[illegible]
Conn	William F Judge Co	Box 315, Marshfield Hills, Mass	TE4-42[illegible]
Ill	Gormax Co., The	7001 N. Clark St, Chicago	RO4-6[illegible]
Ind	R G Fredericks & Nearing Co	1601 Hanna St, Ft. Wayne	HA2641
Mass	Wm F Judge Co	Box 315, Marshfield Hills, Mass	TE4-4216
Mich	R G Fredericks & Nearing Co	1601 Hanna St, Ft. Wayne, Ind	HA2541
Minn	Ward F Grimsrud	Rt. 10, S. St. Paul	GL4-225[illegible]
Mo	Ward F Grimsrud	Rt. 10, S. St. Paul, Minn	GL4-225[illegible]
Ohio	R G Fredericks & Nearing Co	4429 Bridgetown Rd. Cinc	MO2-17[illegible]
•	**RENBRANDT INC**	**6 Parmelee St, Boston 18, Mass**	**HI5-8910**
	M Rogers #3 *25 C 390		
	RENCO ELECTRONICS INC	**24-1 Old Country Rd, Hicksville, NY**	**WE8-[illegible]**
	J Renzing #2 *21 B 45-320-585-880		
Del	Bill Jacobs	515 Ivydale Crest, Wilmington	PO2-[illegible]
NY	Levison Sales Co	172-15 Hillside Ave, Jamaica 32, NY	AX1-56[illegible]
NY	Mel Levison	1465 Peninsula Blvd, Hewlett, NY	FR4-[illegible]
NY	Morris Siegal	88-47 185th St, Hollis, NY	OL8-[illegible]
	RENTELN INC., GEO	**555 Legendre St. E Montreal 11, Can**	**DU8-9320**
	G Rentch #2 *24 C 620-625-1530		
	REON RESISTOR CORP	**155 Saw Mill River Rd, Yonkers, NY**	**YO5-9850**
	J McCann #2 *50 C 1330-1475		
Ariz	Reon Resistor Corp	5478 Wilshire Blvd, LA 36, Cal	WE3-44[illegible]
Cal	John E Striker Co	P.O. Box 548, San Carlos, Cal	LY1-[illegible]
Cal	Reon Resistor Corp	5478 Wilshire Blvd, LA 36	WE3-44[illegible]
Colo	Applied Eng. Prods. Co	405 Felt Bldg, Salt Lake City, Utah	EM4-4342
Conn	Reon Resistor Corp	680 Main St, Waltham 54, Mass	TW4-3505
Del	Reon Resistor Corp	1123 Western Fund Bldg, Phila, Pa	PE5-4940
DC	Reon Resistor Corp	1123 Western Fund Bldg, Phila, Pa	PE5-4940
Fla	Massey Assoc	1224 E. Colonial Dr. Orlando	GA4-5651
Ill	Midwest Electronic Sales Co	3800 N. N. Ave, Chicago 47	CA7-3222
Ind	Midwest Electronic Sales Co	3800 N. N. Ave, Chicago, Ill	CA7-3222
Iowa	Thunderbird Eng. Sales & Services Inc	2826 Main St, KC, Mo	WE1-9775
Kan	Thunderbird Eng. Sales & Services Inc	6405 E. Kellogg, Wichita	MU4-[illegible]
Me	Reon Resistor Corp	680 Main St, Waltham, Mass	TW4-3505
Md	Reon Resistor Corp	1123 Western Fund Bldg, Phila, Pa	PE5-4940
Mass	Reon Resistor Corp	680 Main St, Waltham	TW4-3505
Mich	Robert H Jackson Co	10534 Ludlow Ave. Huntington Woods	LI2-50[illegible]
Mo	Thunderbird Eng. Sales & Services Inc	7811 Carondelet Ave. St. Louis	PA6-1413
NH	Reon Resistor Corp	680 Main St, Waltham, Mass	TW4-3505
NJ	Reon Resistor Corp	1123 Western Fund Bldg, Phila, Pa	PE5-4940
NJ	S J Sales Engineering Co	130 Lafayette St, New York 13, NY	WO2-7796
NJ	S-J Sales Eng. Co	146-35 Archer Ave, Jamaica 35, NY	AX1-3232
NY	S-J Sales Eng. Co	146-35 Archer Ave, Jamaica 35	AX1-3232
NY	S J Sales Engineering Co	130 Lafayette St, New York 13, NY	WO2-7796
NY	Kaatersuill Electronics & Sales Corp	Rt. 1, Box 386-C, Kingston	FE8-5252
Ohio	G & H Sales Co	Rosslawn Center Bldg, Cinc 37	JE1-0553
Pa	Reon Resistor Corp	1123 Western Saving Fund Bldg, Phila 7	PE5-4940
RI	Reon Resistor Corp	680 Main St. Waltham, Mass	TW4-3505
Utah	Applied Eng. Prods. Co	405 Felt Bldg, Salt Lake City	
Vt	Reon Resistor Corp	680 Main St, Waltham, Mass	TW4-3505
Va	Reon Resistor Corp	1123 Western Fund Bldg, Phila, Pa	PE5-4940
Wis	Midwest Electronic Sales Co	3800 N. N. Ave, Chicago 47, Ill	CA7-3222
For	Sterne Intl. Corp	425 Park Ave, S, NY 16, NY	OR9-7374
	REPUBLIC ELECTRONIC INDUSTRIES CORP	**111 Gazza Blvd, Farmingdale, NY**	**CH9-1414**
	T La Giudice #10 *100 E 895-920-1870		
Ohio	Fred Ohmer	Box 2013, Kettering Branch, Dayton	AX3-4530
	REPUBLIC FOIL INC	**55 Triangle St, Danbury, Conn**	**PI3-2731**
	H Bell #4 *150 E 1125		
Cal	Van D Clothier Inc	1725 E 15th St, Los Angeles	[illegible]
Ill	L D Baldwin, L G Vock	5036 N Lawrence St, Chicago	KI5-2142
	REPUBLIC LENS CO., INC	**31 E. 169th St, New York 52, NY**	**CY3-2790**
	J Lurie #1 *12 A 410-415-885-900-1015-1125-1385		
	REPUBLIC STEEL CORP	**Republic Bldg, Cleveland 1, Ohio**	**PR1-1400**
	E Hooks #60 *55,000 G 125-135-180-1120-1125-1205-1220-1290-1490-1535-1885-1960		
Cal	Republic Steel Corp	225 Rialto Bldg, San Francisco 5, Cal	GA1-0977
Cal	Republic Steel Corp	823 Mobil Bldg, Los Angeles 17, Cal	MA4-5[illegible]
Ala	Republic Steel Corp	1 Office Pk, Mountain Brook, Birmingham	TR9-[illegible]
Colo	Republic Steel Corp	330 Denver Club Bldg, Denver 2, Colo	MA3-[illegible]
Conn	Republic Steel Corp	94 School St, East Hartford 8, Conn	BU9-[illegible]
Ill	Republic Steel Corp	1700 McCormick Bldg, Chicago 4, Ill	WA2-[illegible]
Ind	Republic Steel Corp	800 Circle Tower, Indpls 4, Ind	ME2-[illegible]
Ky	Republic Steel Corp	496 Starks Bldg, Louisville 2, Ky	JU2-[illegible]

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
La	Republic Steel Corp	925 Howard Ave, New Orleans 12, La	JA5-6193
Mass	Republic Steel Corp	Consolidated Bldg, Boston 16, Mass	L12-3641
Mich	Republic Steel Corp	2108 Fisher Bldg, Detroit 2, Mich	TR5-9300
Mich	Republic Steel Corp	1111 Mich Nat'l Bank, Grand Rapids, Mich	GL9-6244
Minn	Republic Steel Corp	First Nat'l Bank Bldg, St. Paul 1, Minn	CA7-6531
Mo	Republic Steel Corp	416 Fairfax Bldg, Kansas City 5, Mo	HA1-1195
Mo	Republic Steel Corp	811 Shell Bldg, St. Louis 3, Mo	CH1-8165
NY	Republic Steel Corp	1400 Rand Bldg, Buffalo 3, NY	MA5760
NY	Republic Steel Corp	932 Chrysler Bldg, New York 17, NY	OX7-9500
NY	Republic Steel Corp	Utica Mutual Bldg, Syracuse 2, NY	GR8-2116
Ohio	Republic Steel Corp	2701 Carew Tower Bldg, Cinn 2, Ohio	PA1-3801
Ohio	Republic Steel Corp	308 Herman Miller Bldg, Dayton 2, Ohio	BA2-4612
Ohio	Republic Steel Corp	Republic Bldg, Warren, Ohio	EX2-2511
Okla	Republic Steel Corp	2001 Philtower Bldg, Tulsa 3, Okla	DI3-6263
Pa	Republic Steel Corp	920 Suburban Sta Bldg, Philadelphia 3	LO3-8900
Pa	Republic Steel Corp	1332 Henry W. Oliver Bldg, Pitts 22, Pa	GR1-2425
Tex	Republic Steel Corp	302 Perkins Bldg, Dallas 1, Tex	RI1-6573
Tex	Republic Steel Corp	The Houston Club Bldg, Houston 2, Tex	CA2-0182
Wash	Republic Steel Corp	6636-38 White-Henry-Stuart Bldg, Seattle 1	MA2-8583
Wisc	Republic Steel Corp	First Wisc Nat'l Bank Bldg, Milwaukee 2	BR6-7511
Canada	Republic Steel Corp	Commerce & Transportation Bldg, Toronto, Ontario, Canada	
	RESCON ELECTRONICS CORP	**151 Bear Hill Rd, Waltham 54, Mass**	**TW9-8600**
	J Fintel #13 *31 D 35-338-340-895-1795-1880		
Ariz	Garnett Young & Co	1400 N 32nd St, Phoenix	BR5-7526
Cal	Garnett Young & Co	380 4th St, San Francisco	DO2-4220
DC	A & M Assoc. Inc	1145 19th St NW, Washington	FE8-5116
Mo	Pem Sales Co	12861 Chamblee Ln. St Louis 41	HE2-4445
NJ	A & M Assoc. Inc	6 Sunnybrook Rd. Bernardsville	BE8-0699
NY	Charles Hinman	107 Dolores Terr, S, N Syracuse	GL4-1496
Ohio	Charles V Clark Co	610 W David Rd, Dayton 29	AX9-3139
Ore	Garnett Young & Co	1238 NW Glisan St. Portland 9, Ore	
Wash	Garnett Young & Co	1928 1st Ave. S, Seattle 4	MA3-0123
•	**RESDEL CORP**	**Box 217, Rio Grande, NJ**	**522-5643**
	J DieHenderfer #1 *15 B120-175-715-990-1290-1565-1940		
	RESDEL ENGINEERING CORP	**330 S Fair Oaks Ave, Pasadena Cal**	**MU1-7689**
	M Brown Jr #16 *80 E 895-1135-1150-1395-1425-1870		
Ala	Specialized Electronic Corp	529 N 18th St, Birmingham	FA4-1615
Ariz	Trompeter Electronic Assoc	7713 Oakdale Ave, Canoga Park, Cal	DI8-5120
Cal	Trompeter Electronic Assoc	7713 Oakdale Ave, Canoga Park	DI8-5120
Conn	Harvey Krasner	33 Great Neck Rd, Great Neck, NY	WE5-7295
DC	Engineering Assoc	1108 Hughes Court, Falls Church, Va	ST3-7319
Fla	Specialized Electronic Corp	711 Magnolia Ave, Orlando	GA4-0433
Fla	Specialized Electronic Corp	1301 Bay Shore Dr, Cocoa Beach	SU3-2083
Ga	Specialized Electronic Corp	529 N 18th St, Birmingham, Ala	FA4-1615
Md	Engineering Assoc	2125 Maryland Ave, Baltimore	HO7-1966
Miss	Specialized Electronic Corp	529 N 18th St, Birmingham, Ala	FA4-1615
NJ	Harvey Krasner Assoc	33 Great Neck Rd, Great Neck, NY	WE5-7295
NM	Trompeter Electronic Assoc	7713 Oakdale Ave, Canoga Park, Cal	DI8-5120
NY	Harvey Krasner Assoc	33 Great Neck Rd, Great Neck	WE5-7295
Tenn	Specialized Electronic Corp	529 N 18th St, Birmingham, Ala	FA4-1615
Va	Engineering Assoc	1108 Hughes Court, Falls Church	ST3-7319
	RESE ENGINEERING INC	**A & Courtland, Phila 20, Pa**	**GL5-9000**
	C Massey #15 *92 D 338-895-1150		
Ala	James L Highsmith & Co	3012 Acklen Dr. SW, Huntsville	JE9-6734
Ariz	King Engineering Inc	5321 1/2 Hollywood Blvd, L A, Cal	HO4-7166
Ark	N S Brown Assoc	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Cal	King Engineering Inc	5321 1/2 Hollywood Blvd, L A, Cal	HO4-7166
Conn	Anderson-Stone Assoc	2300 Wash. St, Newton 62, Mass	WO9-9560
Fla	James L Highsmith & Co	3733 Monroe Rd, Charlotte, NC	FR7-2546
Ga	James L Highsmith & Co	3733 Monroe Rd, Charlotte, NC	FR7-2546
Iowa	Eng. Prods. Assoc	1821 Univ. Ave. St. Paul 4, Minn	MI6-3443
La	Norman S Brown Assoc	5852 Boca Raton Dr. Dallas 30, Tex	EM3-3698
Me	Anderson-Stone Assoc	2300 Wash. St. Newton 6, Mass	WO9-9560
Md	Norman S Brown Assoc	5852 Boca Raton Dr. Dallas 30, Tex	EM3-3698
Mass	Anderson-Stone Assoc	2300 Wash. St. Newton 6	WO9-9560
Minn	Eng. Prods. Assoc	1821 University Ave St. Paul 4	MI6-6443
Miss	Norman S Brown Assoc	5852 Boca Raton Dr. Dallas 30, Tex	EM3-3698
Mo	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30, Tex	EM3-3698
Nev	King Engineering Inc	5321 1/2 Hollywood Blvd, L A, Cal	HO4-7166
NH	Anderson-Stone Assoc	2300 Wash. St. Newton, Mass	WO9-9560
NJ	Brogan Assoc. Inc	220 Jericho Tnpk. Mineola, NY	PI7-3230
NY	Brogan Assoc. Inc	220 Jericho Tnpk. Mineola	PI7-3230
NC	James L Highsmith Co	3733 Monroe Rd. Charlotte 5	FR7-2546
ND	Eng. Prods. Assoc	1821 Univ. Ave. St. Paul 4, Minn	MI6-3443
Okla	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30, Tex	EM3-3698
RI	Anderson Stone Assoc	2300 Wash. St. Newton 62, Mass	WO9-9560
SC	James L Highsmith Co	3733 Monroe Rd. Charlotte 5, NC	FR7-2546
SD	Eng. Prods. Assoc	1821 Univ. Ave. St. Paul 4, Minn	MI6-3443
Tenn	James L Highsmith & Co	3733 Monroe Rd. Charlotte 5, NC	FR7-2546
Tex	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30	EM3-3698
Va	James L Highsmith & Co	Box 536, Richmond	EL9-1411
Wis	Eng. Prods. Assoc	1821 Univ. Ave. St. Paul, Minn	MI6-3443
Foreign	Kanematsu Inc	150 Broadway, New York, NY	BE3-2890
	RESEARCH CHEMICALS	**1708 W. Providencia, Burbank, Cal**	**VI9-6276**
	E Klober #15 *60 E 1415		
Ill	Robert [illegible]	6 N Michigan Ave, Chicago, Ill	CE6-4972
	RESEARCH DEVEL MFG INC	**429 E Collom St. Phila 44, Pa**	**GL5-9700**
	G Fennel #4 *52 C 175-205-755-1120-1535		
	RESEARCH INC	**Box 6164, Edina Br, Minnpls 24, Minn**	**WE5-2156**
	A Abramson #30 *140 E 180-250-338-360-370-575-735-820-825-885-895-1075-1215-1245-1470-1550-1555-1610-1735-1810-1935-1945		
Ala	Joe St. Clair	3120 Maple Dr. NE. Atlanta 5, Ga	231-1894
Cal	Berggren & Co	213 S. Hawthorne Blvd. Hawthorne	OS6-5856
Colo	Parrish Electronics	2130 S. Albion, Denver 22	SK6-9455
Conn	J M Devine Co	63 Prince St. Needham 92, Mass	HI4-2746
Del	Tek-Sel Inc	54 Rt. 17 Paramus, NJ	HU9-7210
DC	Edwin J Sutter	Box 426, Vienna, Va	JE2-4982
Fla	Gilbert X Cheves	Box 611, Cocoa Beach	NE2-0697
Ga	Joe St. Clair	3120 Maple Dr. NE, Atlanta 5	231-1894
Idah	Parrish Electronics	2130 S. Albion, Denver 22, Colo	SK6-9455
Ill	Mauer Co. Inc	2000 Harrison St. Evanston	GR5-3883

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ind	R D P Assoc	5899 Hubervile, Dayton 31, Ohio	CL3-6175
Iowa	Mauer Co. Inc	2000 Harrison St. Evanston, Ill	GR5-3883
Me	J M Devine Co	63 Prince St. Needham 92, Mass	HI4-2746
Md	Edwin J Sutter	Box 426, Vienna, Va	JE2-4982
Mass	J M Devine Co	63 Prince St. Needham 92	HI4-2746
Mich	R D P Assoc	5899 Hubervile, Dayton 31, Ohio	CL3-6175
NH	J M Devine Co	63 Prince St. Needham 92, Mass	HI4-2746
NJ	Tek-Sel Inc	54 Rt. 17 Paramus	HU9-7210
NM	Parrish Electronics	1437 San Mateo NE. Albuquerque	268-6791
NY	Tek-Sel Inc	54 Rt. 17 Paramus, NJ	HU9-7210
Ore	Martin Poggi	P.O. Box 587, Bellevue, Wash	GL4-5648
Pa	Tek-Sel Inc	54 Rt. 17 Paramus, NJ	HU9-7210
RI	J M Devine Co	63 Prince St. Needham 92, Mass	HI4-2746
Tex	R D P Assoc	3216 Myra Ln. Dallas 34	CH7-7225
Utah	Parrish Electronics	12 E. Stratford, Salt Lake City	HU7-7847
Vt	J M Devine Co	63 Prince St. Needham 92, Mass	HI4-2746
Va	Edwin J Sutter	Box 426, Vienna	JE2-4982
Wash	Martin Poggi	P.O. Box 587, Bellevue, Wash	GL4-5648
Wis	Mauer Co. Inc	2000 Harrison St. Evanston, Ill	GR5-3883
For	Nippon S T Johnson Sales Co. Ltd	10 Kanda-Kanakubocho, Chiyoda-ku Tokyo, Jap.	
	RESEARCH INDUSTRIAL LABS OF ELECTRONICS	**Roslyn, Pa**	**TU4-8098**
	R Patterson #3 *8 A 235-320-360-895-1075-1135-1390-1420-1460-1810		
	RESEARCH PRODUCTS CORP	**1015 E. Washington, Madison, Wisc**	**AL6-0621**
	670		
	RESINITE CORP DIV PRECISION PAPER TUBE CO	**6981 N. Central Park Ave, Chicago 54, (Lincolnwood) Ill**	
	1885-1890		
	RESINITE DEPT BORDEN CHEM CO	**Box 430, Compton, Cal**	**NE5-7162**
	1290-1890		
Mass	Resinite Dept Borden Chemical Co	1 Clark St, N. Andover, Mass	MU7-7131
•	**RESISTANCE PRODUCTS CO**	**914 S. 13th St, Harrisburg, Pa**	**CE6-5081**
	S Saul #8 *316 E 1475		
Ariz	A A Dowers Co	355 N. Scottsdale Rd, Scottsdale, Ariz	WH5-3281
Cal	A A Dowers Co	2918 E. Florence Ave, Huntington Park	LU2-5105
Cal	A A Dowers Co	179 S. Mayfair Ave, Daly City, Cal	PL6-5414
Colo	Hyde Electronics Co	888 S. Lipan St, Denver, Colo	WE6-3456
Fla	C B Small	Box 1346, Orlando	GA4-2071
Ga	Sam Little Co	2396 Connally Dr. East Point	761-5353
Ill	Bauman & Bluzat	4140 W Fullerton St. Chicago	HU6-6809
Ill	Bruce Cumming & Associates	6209 N. Belmont Ave, Chicago 34, Ill	ME7-3770
Mass	J Duncan How Inc	Statler Office Bldg, Boston, Mass	HU2-4638
Mich	R C Nordstrom & Co	Briggs Bldg, Birmingham, Mich	JO4-6129
Mo	Forrstal-Young Sales Co	4013 Broadway, Kansas City 11, Mo	VA1-5330
Mo	Forrstal-Young Sales Co	8147 Delmar Blvd, St. Louis 24, Mo	PA5-7711
NJ	Samuel Dixon	Box 111, 218 Russell Ave, Barrington	LI7-7103
NJ	Andrew A Foley Associates	15 S. Shirley Ave, Moorestown, NJ	NO3-4545
NM	Hyde Electronics Co	5200 Constitution Ave, N.E., Albuquerque	AM8-1111
NY	Cooper-Simon Co	400 E. 75th St, New York, NY	LE5-2800
NY	Leonard D Allen Inc	1043 Bailey Ave, Buffalo	TX5-6915
NY	Leonard D Allen Inc	115 Luther Ave, Syracuse, NY	GR1-3108
Ohio	J B Bucher & Associates	P.O. Box 62, Sta D, Dayton 10, Ohio	BA8-7623
Ohio	John O Olsen Co	16211 Lorain Blvd, Cleveland, Ohio	SK2-5444
Ohio	Lowry Dietrich Co	314 W. First St, Dayton 2, Ohio	BA3-6042
Ohio	Lowry Dietrich Co	316 Marion Bldg, Cleveland, Ohio	SU1-1055
Pa	Lowry Dietrich Co	703 Clairton Blvd, Pittsburgh, Pa	TU1-2228
Tex	Packard Associates	Love Field Air Terminal, Rm 484, Dallas	FL7-5713
Utah	Hyde Electronics Co	2803 Connor St, Salt Lake City, Utah	HY7-5763
Wash	Dean Smith Sales Co	2320 N. 45th St, Seattle, Wash	ME3-3160
Wisc	Hornkamp Sales Co	2223 N. 70th St, Milwaukee 13, Wisc	SP4-6258
Foreign	Minthorne-International Co	15 Moore St, New York, NY	BO9-6272
	RESISTOFLEX CORP	**20 Woodland Rd, Roseland, NJ**	**CA6-7700**
	H Wolff #73 *625 G 1290		
Ala	Marine Specialty Co	6-12 S Water St, Mobile	
Ala	J Morgan	3330 Peachtree Rd NE, Atlanta 5, Geo	CE7-0658
Cal	Resistoflex Corp	301 N. Crescent Way, Anaheim, Cal	PR2-4700
Del	Briggs Rubber Products Co	S Cleveland at Lancaster, Wilmington	
D C	Arco Engineering Co	1000 15th St, NW Wash 6	EX3-5991
Fla	Resistoflex Corp	Box 48-934, Intl Arpt Br, Miami	TU5-3722
Ga	James W Morgan	3230 Peachtree Rd, N.E., Atlanta 5, Ga	BL5-4229
Ga	Resistoflex Corp	3330 Peachtree Rd NE, Atlanta	CE7-0658
Ill	Resistoflex Corp	80 E. Jackson Blvd, Chicago 4, Ill	HA7-8243
Ind	Marian Rubber Prod Co	105 E Market St, Indpls	
Kan	Resistoflex Corp	9729 Manor Rd, Kansas City	NI2-6843
La	Levingston Supply Co, Inc	P O Box 2677, Baton Rouge	
La	Vernon L Ellerbe Jr	Box 3321, Baton Rouge 5, La	DI4-8551
Md	Robins Rubber Div	234 Key Hwy, Baltimore	
Mass	I B Moore Co	65 High St, Boston	
Mich	F B Wright Co	9999 Mercier Ave, Dearborn	
Minn	Plastics, Inc	Cor Chestnut & Ryan, St Paul	
Mo	Shutt Process Equip Corp	5627 Manchester, St Louis	
Mo	William Spangler	9729 Manor Rd, Kansas City 15, Mo	NI2-6843
NY	Allied Plastics & Supply Corp	75 Cliff St, N Y C	
NY	William H Halliday	162 Terr Way, Orchard Vlg, Camillus, NY	HA2-2283
NC	Southern Rubber Co	300 Ashe St, Greensboro	
Ohio	Paul Conner	53 Park Ave, Dayton 19, Ohio	AX3-1796
Ore	Jack Ogle & Co	2500 E. 11th Ave, Portland 2, Ore	BE5-4090
Pa	C W Smythe	830 Lancaster Ave, Bryn Mawr, Pa	LA5-6159
Tenn	Leinart's Inc	412 E 5th St, Knoxville	
Tex	Resistoflex Corp	135 Glass St, Dallas 7, Tex	RI2-2336
Va	Richard Rubber Co, Inc	7th & Leigh Sts, Richmond	
Wash	Jack Ogle & Co	106 Occidental St, Seattle 8, Wash	PA5-2030
Wisc	Robbins Plastics & Rubber, Inc	Cedarburgh	
Canada	Indufal Ltd	32 Front St, W., Toronto 1, Canada	EM4-9383
	RESISTORS INC	**5226 W. 26th St, Chicago 50, Ill**	**OL2-7555**
	M Bryans #2 *50 C 1475		
Ariz	W S Harmon Co	P.O.Box 1350, Beverly Hills, Cal	OL2-6616
Ark	Ernest L Wilks Co	1212 Camp St, Dallas, Tex	R4059
Cal	Harmon Co	P.O.Box 1350, Beverly Hills, Cal	OL2-6616
Cal	Win W Tomokins Co	2353 Birch St, Palo Alto, Cal	DA6-7940

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Conn	White Sales Co	945 Great Plain Ave, Needham 92, Mass	3676
Iowa	Koenig Myers Assoc	4538 Main St. Kansas City 11, Mo	
Kan	Koenig Myers Assoc	4538 Main St. Kansas City 11, Mo	
Ky	Walter J Brauer & Associates	15631 Lakewood Hghts Blvd, Cleve 7, Ohio	LA7268
La	Ernest L Wilks Co	1212 Camp St, Dallas 12, Tex	R4059
Me	White Sales Co	945 Great Plain Ave, Needham, Mass	3676
Md	Beebe & Aikman	237 Lancaster Ave, Devon, Pa	MU8-5173
Mass	White Sales Co	945 Great Plain Ave, Needham, Mass	3676
Minn	Honkramp Sales Co	2223 N. 70th St, Milwaukee 13, Wisc	WO4-2111
Mo	Koenig Myers Assoc	4538 Main St. Kansas City 11	
Neb	Koenig Myers Assoc	4538 Main St. Kansas City 11, Mo	
NH	White Sales Co	945 Great Plain Ave, Needham, Mass	3676
NJ	Beebe & Aikman	237 Lancaster Ave, Devon, Pa	MU8-5173
NY	Wall Associates	P.O.Box 161, De Witt 14, NY	GI6-4100
Ohio	Walter J Brauer & Associates	15631 Lakewood Hghts Blvd, Cleve 7, Ohio	LA7268
Tex	Ernest L Wilks Co	1212 Camp St, Dallas 12, Tex	R4059
Vt	White Sales Co	945 Great Plain Ave, Needham, Mass	3676
W.Va	Brauer & Associates	15631 Lakewood Hghts, Cleve 7, Ohio	LA7268
Wisc	Honkamp Sales Co	2223 N. 70th, Milwaukee 13, Wisc	WO4-2111
	RESITRON LABORATORIES INC	**2908 Nebraska Ave, Santa Monica, Cal**	**UP0-7009**
	200-220-895-1400-1460-1545-1735-1880-1910		
Pa	M & S Electronics	1328-34 N. 4th St, Philadelphia 22, Pa	PO5-0460
	REUTER-STOKES ELECTRONIC COMPONENTS INC	**2149 Hamilton Ave, Cleveland, Ohio**	**TO1-7620**
	T Fleming #5 *19 B 190-250-885-895-1510-1520-1545		
Ariz	Charles W Fowler Co	499 Hamilton Ave, Palo Alto, Cal	DA1-1810
Cal	Charles W Fowler Co	429 S Western Ave, Los Angeles	DU4-7203
Cal	Charles W Fowler Co	499 Hamilton Ave, Palo Alto, Cal	DA1-1810
Nev	Charles W Fowler Co	429 S Western Ave, Los Angeles, Cal	DU4-7203
NM	Charles W Fowler Co	429 S Western Ave, Los Angeles, Cal	DU4-7203
For	Terminal Radio International Ltd	240 W 17th St, New York 11, NY	CH3-5200
	REVERE CAMERA CO	**320 E. 21st St, Chicago 16, Ill**	**CA5-7900**
	1435		
	REVERE COPPER & BRASS INC	**230 Park Ave, New York 17, NY**	**YU6-3100**
	R Wieberg #25 *8,100 G 615-705-1125-1855		
Ark	Foil Div	Hwy 67, Newport, Ark	JA3-2771
Cal	Pacific Coast Div	P.O. Box 3246, Terminal Annex, L A, Cal	RA3-3331
Cal	Revere Copper & Brass Inc	World Trade Center, San Francisco 11, Cal	SU1-0282
Colo	Revere Copper & Brass Inc	1219 California St, Denver 4, Colo	AL5-2066
Conn	Revere Copper & Brass Inc	81 Market Sq, Newington 11, Conn	MO6-2491
Fla	Revere Copper & Brass Inc	5750 NW 32nd Court, Miami 42, Fla	NE5-0406
Ga	Revere Copper & Brass Inc	1310 Ellsworth Indl D, N.W., Atlanta	SY4-7628
Ill	Dallas Div	2300 N. Natchez Ave, Chicago 35, Ill	ME7-2600
Ind	Revere Copper & Brass Inc	665 E. 61st St, Indianapolis 20, Ind	CL1-4525
La	Revere Copper & Brass Co	923 Howard Ave, New Orleans 12, La	JA5-4259
Md	Baltimore Div	1301 Wicomico St, Baltimore 3, Md	VE7-0500
Mass	New Bedford Div	24 N. Front St, New Bedford, Mass	WY8-5601
Mass	Revere Copper & Brass Inc	140 Arlington St, Boston 16, Mass	HU2-7190
Mich	Michigan Div	5851 W. Jefferson Ave, Detroit 9, Mich	VI1-7350
Mich	Revere Copper & Brass Inc	Keeler Bldg, Grand Rapids 2, Mich	GL9-3301
Minn	Revere Copper & Brass Inc	2409 Wayzata Blvd, Minneapolis 5, Minn	FR7-0850
Mo	Revere Copper & Brass Inc	3615 Olive St, St. Louis 8, Mo	JE1-0300
Mo	Revere Copper & Brass Inc	34th St & Broadway, Kansas City 11, Mo	LO1-8403
NY	Rome Div	P O Box 151, Rome, NY	FF7-2000
NY	Revere Copper & Brass Inc	1807 Elmwood Ave, Buffalo 7, NY	TR3-7616
NY	Revere Copper & Brass Inc	31 Gibbs St, Rochester 4, NY	BA5-6540
Ohio	Revere Copper & Brass Inc	3181 Linwood Rd, Cincinnati 8, Ohio	TR1-1232
Ohio	Revere Copper & Brass Inc	14700 Detroit Ave, Cleveland 7, Ohio	LA1-2440
Ohio	Revere Copper & Brass Inc	3410 Linden Ave, Dayton 3, Ohio	CL2-5616
Pa	Revere Copper & Brass Inc	666 Washington Rd, Pittsburgh 28, Pa	LO1-3606
Pa	Revere Copper & Brass Inc	One Wynnewood Rd, Wynnewood, Pa	GR7-8326
RI	Revere Copper & Brass Inc	30 Midway Rd, Cranston 10, RI	WI2-1300
Tex	Revere Copper & Brass Inc	8320 Chancellor Row, Dallas 35, Tex	FL7-4058
Tex	Revere Copper & Brass Inc	3202 Wesleyan St, Houston 27, Tex	MO7-9347
Wash	Revere Copper & Brass Inc	314 Fairview Ave, N., Seattle 9, Wash	MA2-1401
Wisc	Revere Copper & Brass Inc	828 N. Broadway, Milwaukee 2, Wisc	BR1-1440
	REVERE CORP OF AMERICA SUB NEPTUNE METER CO	**Wallingford, Conn**	**CO9-7701**
	G Grace #20 *400 E 190-360-895-1735-1850-1960		
Ala	L E Wright	2869 Ridgemore Rd, N.W., Atlanta 18, Ga	SY4-6393
Ariz	E E Lee	7742 Genesta Ave, Van Nuys, Cal	DI3-8791
Ark	D H Oldham	405 Phillips Ct, Arlington, Tex	CR4-7500
Cal	E E Lee	7742 Genesta Ave, Van Nuys, Cal	DI3-8791
Cal	B F Hanway	5517 Jumilla Ave, Woodland Hills, Cal	DI7-9879
Cal	W C Dieme	9162 Sophia Ave, Sepulveda, Cal	EM2-0259
Cal	W E Chelf	111 El Nido Ave, Monrovia, Cal	EL8-3601
Colo	D H Oldham	405 Phillips Ct, Arlington, Tex	CR4-7500
Del	A C Hills	52 Park Ave, Caldwell, NJ	CA6-1174
DC	A C Hills	52 Park Ave, Caldwell, NJ	CA6-1174
Fla	A K Baxter	P.O. Box 28, Altamonte Springs, Fla	VA8-5271
Ga	L E Wright	2869 Ridgemore Rd, N.W., Atlanta 18, Ga	SY4-6393
Idaho	C K Hughes	806 E. 151st St, Seattle 55, Wash	MU2-4566
Ill	G J Laile	8521 Cooley Beach Dr, Pontiac, Mich	EM3-3991
Ind	G J Laile	8521 Cooley Beach Dr, Pontiac, Mich	EM3-3991
Iowa	G J Laile	8521 Cooley Beach Dr, Pontiac, Mich	EM3-3991
Kan	A O Sporleder	9304 Laverne Pl, Affton 23, Mo	PL2-2454
Ky	L E Wright	2869 Ridgemore Rd, N.W., Atlanta 18, Ga	SY4-6393
La	D H Oldham	405 Phillips Ct, Arlington, Tex	CR4-7500
Me	G F Slowe	4 Elmont St, Dorchester, Mass	AV2-9240
Md	A C Hills	52 Park Ave, Caldwell, NJ	CA6-1174
Mass	G F Slowe	4 Elmont St, Dorchester, Mass	AV2-9240
Mich	G J Laile	8521 Cooley Beach Dr, Pontiac, Mich	EM3-3991
Minn	G J Laile	8521 Cooley Beach Dr, Pontiac, Mich	EM3-3991
Miss	L E Wright	2869 Ridgemore Rd, N.W., Atlanta 18, Ga	SY4-6393
Mo	A O Sporleder	9304 Laverne Pl, Affton 23, Mo	PL2-2454
Nev	B F Hanway	5517 Jumilla Ave, Woodland Hills, Cal	DI7-9879
NH	G F Slowe	4 Elmont St, Dorchester, Mass	AV2-9240
NJ	A C Hills	52 Park Ave, Caldwell, NJ	CA6-1174
NY	A C Hills	52 Park Ave, Caldwell, NJ	CA6-1174
NY	G J Laile	8521 Cooley Beach Dr, Pontiac, Mich	EM3-3991
NY	G F Slowe	4 Elmont St, Dorchester, Mass	AV2-9240
NC	L E Wright	2869 Ridgemore Rd, N.W., Atlanta 18, Ga	SY4-6393

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ohio	G J Lake	2521 Cooley Beach Dr, Pontiac, Mich	EM3-3991
Ohio	H L Zapp	3525 Guilford Ave, N.W., Canton, Ohio	GL5-3554
Okla	D H Oldham	425 Phillips Ct, Arlington, Tex	CR4-7500
Ore	C K Hughes	333 E. 151st St, Seattle 55, Wash	MU2-4560
Pa	A C Hills	52 Park Ave, Caldwell, NJ	CA6-1174
RI	G F Stowe	4 Elmont St, Dorchester, Mass	AV2-9240
SC	L E Wright	2869 Ridgemore Rd, N.W., Atlanta 18, Ga	SY4-6393
Tenn	L E Wright	2869 Ridgemore Rd, N.W., Atlanta 18, Ga	SY4-6393
Tex	D H Oldham	425 Phillips Ct, Arlington, Tex	CR4-7500
Utah	B F Fairley	5717 Juniper Ave, Woodland Hills, Cal	DI7-9879
Vt	G F Stowe	4 Elmont St, Dorchester, Mass	AV2-9240
Va	A C Hills	52 Park Ave, Caldwell, NJ	CA6-1174
Wash	C K Hughes	333 E. 151st St, Seattle 55, Wash	MU2-4560
W. Va	A C Hills	52 Park Ave, Caldwell, NJ	CA6-1174
Wisc	G J Lake	2521 Cooley Beach Dr, Pontiac, Mich	EM3-3991
Canada	Delta Aircraft Equipment Co	1788A Avenue Rd, Toronto 12, Ont, Canada	RU3-7372
	REX RHEOSTAT CO	**149 Babylon Tpke, Roosevelt, NY**	**FR9-1030**
	#2 *4 A 1475		
	REYNOLDS ELECTRIC CO	**3000 River Rd, River Grove, Ill**	**TU9-2232**
	#1 *40 D 685-1165		
Ga	R V Cutler	2295 A.E. Lindmont Ct, N.E., Atlanta, Ga	CE3-1201
NY	C F Vansfelt	92-23 77th St, Woodhaven 21	MI2-5255
	REYNOLDS METALS CO	**P. O. Box 2346ZE, Richmond 18, Va**	**AT2-2311**
	***25,000 G 240-320-1125-1885-1960**		
Ala	Reynolds Metals Co	1435 Brown-Marx Bldg, Birmingham, Ala	AL1-8263
Ariz	Reynolds Metals Co	3500 S. Van Buren St, Phoenix, Ariz	CA8-9474
Ark	Reynolds Metals Co	406 Comm Natl Bank Bldg, Little Rock	FR4-6472
Cal	Reynolds Metals Co	3540 Wilshire Blvd, Los Angeles 5, Cal	DU1-3511
Colo	Reynolds Metals Co	2929 E. 2nd Ave, Denver 6, Colo	DU8-2406
DC	Reynolds Metals Co	500 World Center Bldg, Washington 6, DC	NA8-6336
Fla	Reynolds Metals Co	1 Miami Bldg, DuPont Plaza, Miami, Fla	FR9-2792
Ga	Reynolds Metals Co	2547 Monroe Dr, NE, Atlanta 9	875-2731
Ill	Reynolds Metals Co	Wrigley Bldg, Chicago 11, Ill	
Ind	Reynolds Metals Co	3901 Meadow Dr, Indianapolis	LI6-4766
Iowa	Reynolds Metals Co	770 Des Moines Bldg, Des Moines	AT8-1906
Ky	Reynolds Metals Co	2000 S. 9th St, Louisville 1, Ky	ME4-1581
La	Reynolds Metals Co	2400 Canal St, New Orleans, La	TU5482
Md	Reynolds Metals Co	200 E. Joppa Rd, Towson 4, Md	VA3-4141
Mass	Reynolds Metals Co	824 Boylston St. Brookline, Mass	RE4-3770
Mich	Reynolds Metals Co	Box 1250, Seven Oak Sta, Detroit 35	KE7-5000
Minn	Reynolds Metals Co	127 Wesley Bldg, Minnpls, Minn	FE9-4691
Mo	Reynolds Metals Co	1124 Locust St, St. Louis 1, Mo	GA1-5258
Neb	Reynolds Metals Co	524 Center Bldg, Omaha	JA0614
NJ	Reynolds Metals Co	518 Market St, Camden 1, NJ	WO4-9505
NY	Reynolds Metals Co	19 E. 47th St, New York 17, NY	EL5-7700
NC	Reynolds Metals Co	1616 Central Ave, Charlotte, NC	FR6-8549
Ohio	Reynolds Metals Co	2250 Victory Pkwy, Cincinnati 6, Ohio	PL1-2808
Okla	Reynolds Metals Co	2411 Classen Blvd, Oklahoma City, Okla	JA5-7527
Pa	Reynolds Metals Co	1 Gateway Center, Pittsburgh 22, Pa	GR1-9191
Tenn	Reynolds Metals Co	1717 W. End Ave, Nashville 3, Tenn	CH2-5694
Tex	Reynolds Metals Co	100 Exchange Pk, N., Dallas, Tex	FL2-4874
Utah	Reynolds Metals Co	2100 Highland Dr, Salt Lake City 6, Utah	HU7-7749
Wash	Reynolds Metals Co	307 Broad St, Seattle 1, Wash	MA3-2503
Wisc	Reynolds Metals Co	1412 Majestic Bldg, Milwaukee 3, Wisc	BR1-1051
	RHEEM CALIFONE CORP	**1020 N.LaBrea Ave, Hollywood 38, Cal**	**HO2-2353**
	1255-1425-1435		
	RHEEM SEMICONDUCTOR CORP	**350 Ellis St, Mountain View, Cal**	**YO8-9211**
	R Henrick #183 *700 508-1860		
Cal	Al Lucks	5155 Wilshire Blvd, Los Angeles, Cal	WE7-1844
Cal	Bob Tucker	4904 El Cajon Blvd. San Diego	HO5-2255
Ill	Pete Peters	1919 N Harlem Ave. Chicago	BE7-4200
Md	Jerry Froelich	6132 Baltimore Blvd. Riverdale	UN4-4642
Mass	Rheem Semiconductor Corp	41 Lowell St. Lexington	VO2-8850
Mich	Joel Langmeyer	18450 Livernois Ave. Detroit	UN3-2879
Minn	Earl Chidwell	6519 Nicollet Ave, Minneapolis, Minn	UN6-8751
NJ	Gordon Schlenger	611 E. Palisade Ave, Englewood, NJ	LO7-4320
NY	Dan Dwyer	3527 James St. Syracuse	HE7-8427
NY	Ben Foesch	377 Northern Blvd. Great Neck	HU2-7100
Foreign	[illegible] Corp	319 E. 44 St, New York 17, NY	MU2-6755
	RHO ENGINEERING CO	**2242 Sepulveda Blvd. L A 64, Cal**	**BR2-1163**
	M Rosen #2 *35 B 365-915-1340-1475		
	RHODE ISLAND INSULATED WIRE CO. INC	**50 Burnham Ave. Cranston, RI**	**WI2-6500**
	I Keeney #1 *55 E 190-1960		
Cal	Flite Elect. Wire & Comps. Inc	130 S. Hewitt St. LA	MA4-6611
	RHODES INC., M H	**30 Bartholomew Ave, Hartford 6, Conn**	**JA2-4265**
	#4 *160 E 1460-1810		
Ala	Associated Mfg Agents	900 Carondelet St. New Orleans 12, La	JA2-6287
Ariz	Walter Lautz	27 W Broadway, Tempe	WO7-0416
Ark	N C Lamb & Co	7603 Forsyth Blvd, St. Louis 5, Mo	PA7-0333
Cal	W J Gorbel	225 W. 23rd St, Los Angeles 7, Cal	RI7-3545
Cal	Newman, Rudat & Ewing	915 Terminal Way, San Carlos	LY1-0309
Colo	V R Dittman	2300 S. Madison Ave, Denver 10, Colo	SK6-1306
Conn	F Kosowicz	2 Madsen Rd, W. Hartford 10, Conn	AD3-7883
DC	Charles C Laney Agency	3424 Midlothian Pike, Richmond 35, Va	BR2-0059
Fla	Harry C Jubell	3537 Harbor Dr, Apt 14, Ft. Lauderdale	JA4-4549
Ga	F & L Sales & Service Co	3215 W. Kirkland Ave, Nashville, Tenn	CO2-0471
Hawaii	C R Frazier Jr	1001 Waimanu St, Honolulu, TH	63486
Idaho	J R Penning	2323 2nd Ave, Seattle 1, Wash	MA2-1190
Ill	Ellman & Zuckerman	119 S. Jefferson St, Chicago 6, Ill	CE6-3905
Ind	Ellman & Zuckerman	119 S. Jefferson St, Chicago 6, Ill	CE6-3905
Iowa	Frank R Johnston Co	353 42nd St, Des Moines 12, Iowa	BL5-5865
Kan	W Zimmerman	Munger Sta, Wichita 8, Kan	MU3-3161
Ky	Phister & Riggs, Inc	709 Temple Bar Bldg, Cincinnati 2, Ohio	GA1-3850
La	R O Titherington	900 Carondelet St. New Orleans 12, La	JA2-6287
Me	F Kosowicz	2 Madsen Rd, W. Hartford 10, Conn	AD3-7883
Md	Charles C Laney Agency	3424 Midlothian Pike, Richmond 35, Va	BR2-0059
Mass	F Kosowicz	2 Madsen Rd, W. Hartford 10, Conn	AD3-7883
Mich	Ray Chessler	3036 Hemingway, Detroit 39, Mich	KE1-0272
Minn	Nelson & Son Inc	324 N. 1st St, Minneapolis, Minn	FE3-3328
Mo	N C Lamb & Co	7603 Forsyth Blvd, St. Louis 5, Mo	PA7-0333
Mont	J R Penning	2323 2nd Ave, Seattle 1, Wash	MA2-1190
Neb	Frank R Johnston Co	353 42nd St, Des Moines 12, Iowa	BL5-5865
Nev	Newman, Rudat & Ewing	915 Terminal Way, San Carlos, Cal	LY1-0309
NH	F Kosowicz	2 Madsen Rd, W. Hartford 10, Conn	AD3-7883
NJ	Closter Bros	220 5th Ave, New York 1, NY	OR9-0530
NM	Walter Lautz	27 W Broadway, Tempe, Ariz	WO7-0416
NY	F H Breuning	110 Cleveland Blvd, Fayetteville, NY	NE7-6410
NY	Closter Bros	220 Fifth Ave, New York, NY	OR9-0530
NC	C C Niedringhaus	5338 Murrayhill Rd, Charlotte 9, NC	JA3-0558
ND	Nelson & Son Inc	324 N. 1st St, Minneapolis 1, Minn	FE3-3328
Ohio	Jubell Associates	3407 Warrensville Center Rd, Cleveland 22	WA1-1490
Ohio	Phister & Riggs, Inc	709 Temple Bar Bldg. Cincinnati 2	GA1-3850
Okla	W Zimmerman	Munger Sta, Wichita 8, Kan	MU3-3161
Ore	J R Penning	2323 2nd Ave, Seattle 1, Wash	MA2-1190
Pa	A G Tyson	3 W. 3rd St, Chester, Pa	TR6-7161
RI	F Kosowicz	2 Madsen Rd, W. Hartford 10, Conn	AD3-7883
SC	C C Niedringhaus	5338 Murrayhill Rd, Charlotte 9, NC	JA3-0558
SD	Nelson & Son Inc	324 N. 1st St, Minneapolis, Minn	FE3-3328
Tex	J Y Schoonmaker Inc	5328 Redfield Ave. Dallas 35	LA6-7238
Utah	V R Dittman	2300 S. Madison Ave, Denver 10, Colo	SK6-1306
Vt	F Kosowicz	2 Madsen Rd, W. Hartford 10, Conn	AD3-7883
Va	Charles C Laney Agency	3424 Midlothian Pike, Richmond 35	BR2-0059
Wash	J R Penning	2323 2nd Ave, Seattle, Wash	MA2-1190
W. Va	Hypenno Sales Co	302 Chestnut St, Pittsburgh 12, Pa	FA1-6263
Wyo	V R Dittman	2300 S. Madison Ave, Denver 10, Colo	SK6-1306
Foreign	Clark-Wright Corp	2311 Whitney Ave, New Haven, Conn	AT8-1638
•	**RIBET DESJARDINS**	**13-17 Rue Perier, Montrouge Seine, Fr**	**AL24-40**
	200-895-1340-1425-1455		
Can	Electroline Television Equip. Inc	5757 Decelles Ave. Montreal	
For	Equipment Electronique	84, Chaussee de Vleurgat, Brussels, Belg	
For	A E S S E	Piazza Erculea 9, Milan, Italy	
For	Compagnie Generale D'Electricite	Koninginnegracht 64, La Haye, Neth	
For	A Edm. Hansen	Kolmagergade 22, Copenhagen, Den	
For	Fisa Fornecimentos Industrials	Ave. Ant. Aug de Aguiar 30 1° D. Lisbon, Port	
	RICHARDSON-ALLEN CORP	**16-15 15th Ave, College Point, NY**	
	J Rheinbold #4 *100 E 1340-1445		
Ala	Mid-South Sales Co.	4424B-Earhart Blvd. New Orleans, La	TU4683
Cal	Fred G Guthrie	420 Market St. San Francisco	EX2-8295
Conn	A E Murphy	118 Kenyon Ave, Wakefield, RI	ST3-7148
Del	Adley Corp	310 N. 6th St, Camden, NJ	WA3-1085
DC	A H Baxter	412 Albee Bldg, Washington 5, DC	RE7-2121
Fla	C W Spengler & Associates	869 Parrish Pl, Jacksonville, Fla	EV9-0249
Idah	Carlson Sales Inc	1201 Dexter Ave. Seattle 9, Wash	AT4-4630
Ill	R S Terhune Associates	22 W. Madison Ave, Chicago, Ill	FI6-0053
Ind	R S Terhune Associates	22 W. Madison Ave, Chicago, Ill	FI6-0053
Iowa	W T McGary	6635 Delmar Blvd, St. Louis, Mo	
Kan	W T McGary	6635 Delmar Blvd, St. Louis, Mo	
La	Mid-South Sales Co.	4424B Earhart Blvd. New Orleans, La	TU4683
Me	A E Murphy	118 Kenyon Ave, Wakefield, RI	ST3-7148
Md	A H Baxter	412 Albee Bldg, Washington 5, DC	RE7-2121
Mass	A E Murphy	118 Kenyon Ave, Wakefield, RI	ST3-7148
Mich	M F Kraus Co	3117 W. McNichols Rd, Detroit, Mich	DI1-8686
Minn	H C Fiske Co.	2255 Rand Tower, Minneapolis, Minn	AT8151
Miss	Mid-South Sales Co.	4424B Earhart Blvd. New Orleans, La	TU4683
Mo	W T McGary	6635 Delmar Rd, St. Louis 5, Mo	
Mont	T D McGarry	604 Utah Ave, Butte, Mont	8916
Neb	W T McGary	6635 Delmar Rd, St. Louis 5, Mo	
NH	A E Murphy	118 Kenyon Ave, Wakefield, RI	ST3-7148
NY	P G McNeill	100 Wellwood Rd, Fayetteville, NY	NE7-9235
NY	L E Markle Jr	115 Mill St, Williamsville 21, NY	PL4592
NC	E T Green	P.O. Box 5034, Greensboro, NC	BR2-6451
ND	H C Fiske Co	2255 Rand Tower, Minneapolis, Minn	AT8151
Ohio	Delwood Generator Eqpt Co	2810 E 46th St. Cleveland 3	EX1-8250
Ore	Carlson Sales Inc	935 NW 12th Ave. Portland 9	CA8-3795
Pa	Adley Corp	310 N. 6th St, Camden, NJ	WA3-1085
Pa	Foster-McClinton Inc	Cochran & Greentree Rds. Pittsburgh 20	LE1-7113
RI	A E Murphy	118 Kenyon Ave, Wakefield, RI	ST3-7148
SC	E T Green	3704 Kirby Dr, Greensboro, NC	BR5-3775
SD	H C Fiske Co	2255 Rand Tower, Minneapolis, Minn	AT8151
Vt	A E Murphy	118 Kenyon Ave, Wakefield, RI	ST3-7148
Va	A H Baxter	412 Albee Bldg, Washington 5, DC	RE7-2121
Wash	Carlson Sales Inc	1201 Dexter Ave. Seattle 9	AT4-4630
W Va	Foster McClinton, Inc	Cochran & Greentree Rds. Pittsburgh 20, Pa	LE1-7113
Wisc	R S Terhune & Associates	22 W. Madison Ave, Chicago, Ill	FI6-0053
	RICHARDSON CO., THE	**2767 Lake St, Melrose Park, Ill**	**MA6-8900**
	J Richardson *2000 G 175-975-1290-1940		
Cal	H I Thompson Fiber Glass Co	3509 E Olympic Blvd, Los Angeles 23	AN8-2811
Fla	Richardson Co., The	Box 2065, Orlando	GA2-1271
Ind	Richardson Co	30th & Olney, Indianapolis, Ind	ME8-2341
Kan	Wichita Aircraft Ind	P.O. Box 3825, Wichita, Kan	HO4-7311
Mass	Richardson Co	14 Spring St, Waltham, Mass	TW4-6904
Mass	Richardson Co., The	14 Spring St. Waltham	TW4-6904
Mich	Paul Hammond Co	1134 N Washington, Lansing 6	IV9-9311
Mich	Richardson Co., The	2970 E Jefferson St. Detroit 7	LO7-7600
Minn	Richardson Co. Inc	1307 W Franklin, Minneapolis	FR7-8221
Mo	O'Brian & Reynolds Inc	6611 Clayton Rd, St Louis, Mo	PA1-3083
NJ	Richardson Co	Codwise & Rodgers, New Brunswick, NJ	KI5-4850
NY	Richardson Co	3100 East Ave, Rochester 18, NY	LU6-6887
NY	Richardson Co., The	3100 East Ave. Rochester 18	LU6-6877
NY	Richardson Co., The	New York Area	WH4-6464
Ohio	Richardson Co	27743 Lorain Rd, North Olmsted, Ohio	SP7-5747
Pa	Richardson Co	Philadelphia, Pa	WA2-1210
Pa	Richardson Co., The	7 E Woodland Ave. Springfield	KI4-5656
Tex	Texas-Barrier Inc	2712 W. Mockingbird Ln, Dallas 35, Tex	FL2-6084
Wash	Berning Sales & Service	2501 6th Ave, S., Seattle 4, Wash	MU0331
Wisc	Richardson Co	5501 W. North Ave, Milwaukee 8, Wisc	HI4-7711
Foreign	Overseas Export Corp	250 W. 57th St, New York 19, NY	PL7-6280
•	**RICHFIELD COINED PRODUCTS CO**	**730 Broad St, Clifton, NJ**	**GR3-4381**
	D. Ferruggio #2 *54 D 800-1120		
For	MA-CO- MA Electronics, Ltd	24/24 Warwick St, London W 1, Eng	GE8531/2
	RIDGEFIELD INSTRUMENT GROUP SCHLUMBERGER CORP	**Box 337, Ridgefield, Conn**	**ID8-6571**
	A Aikman #11 *32 C 338-360-895-1085		
Cal	American Systems Inc	1625 E. 126th, Hawthorne	PL6-8301
DC	American Systems Inc	2210 Wyo. Ave. Wash	
Ill	Arthur G Murphy	Box 183, Deerfield	WI5-2992
	RIESTER & THESMACHER CO	**1526 W. 25 St, Cleveland 13, Ohio**	**CH1-0154**
	C Bort #4 *110 F 135-180-230		
Mass	Paul R Sturgeon Inc	25 Huntington Ave, Boston 16, Mass	
Minn	Anderson & Associates	3825 York Ave, Minneapolis, Minn	
NY	Frank W Taylor Co., Inc	4455 E. Genesee St, DeWitt 14, NY	
	RIMAK ELECTRONICS INC	**10929 Vanowen St. N. Hollywood, Cal**	**TR7-5526**
	J Snyder #10 *130 E 110-135-150-175-180-230-260-280-338-345-615-675-725-785-790-905-1075-1125-1245-1290-1390-1535-1575-1580-1630-1780-1785-1830-1940		
Ala	Robert Thomas	942 S. 53rd St, Birmingham, Ala	LY2-4715
Alaska	Dale G Weber Co	8 S.E. Clay St, Portland 14, Ore	CA8-5403
Ariz	Ungar Sales Assoc	9925 Venice Blvd, LA, Cal	UP0-6116
Ark	W R Retzloff Co	P.O. Box 1786, San Antonio, Tex	LE3-7839
Cal	Ungar Sales Assoc	9925 Venice Blvd, LA	UP0-6116
Cal	Bill Kolans & Co	219 California Dr, Burlingame, Cal	DI4-7111
Colo	McLoud & Raymond Co	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
Conn	Dan Greene Organization Inc	P.O. Box 124, Cambridge 38, Mass	UN4-2220
Del	Robert Finlay	45 Broad St, Ridgewood, NJ	OL2-0088
DC	Bob Finlay Jr	P.O. Box 29, Lutherville, Md	VA3-3056
Fla	Robert Thomas	942 S. 53rd St, Birmingham, Ala	LY2-4715
Ga	Robert Thomas	942 S. 53rd St, Birmingham, Ala	LY2-4715
Hawaii	Bill Kolans & Co	219 California Dr, Burlingame, Cal	DI4-7111
Idaho	McLoud & Raymond Co	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
La	W R Retzloff Co	P.O. Box 1786, San Antonio, Tex	LE3-7839
Me	Dan Greene Organization Inc	P.O. Box 124, Cambridge 38, Mass	UN4-2220
Md	Bob Finlay Jr	P.O. Box 29, Lutherville, Md	VA3-3056
Mass	Dan Greene Organization Inc	P.O. Box 124, Cambridge 38, Mass	UN4-2220
Mich	Rod Butchart Co	16637 W Warren Ave, Detroit 24, Mich	TI2-6666
Mont	McLoud & Raymond Co	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
Nev	Bill Kolans & Co	219 California Dr, Burlingame, Cal	DI4-7111
NH	Dan Greene Organization Inc	P.O. Box 124, Cambridge 38, Mass	UN4-2220
NJ	Robert Finlay	45 Broad St, Ridgewood, NJ	OL2-0088
NM	McLoud & Raymond Co	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
NY	Robert P Eaton	Box 126, Onondaga Sta. Syracuse	HY2-2148
NY	Michael W Stollmack	67 Dorchester Rd, Emerson, NJ	CO1-2313
NC	Robert Thomas	942 S. 53rd St, Birmingham, Ala	LY2-4715
Okla	W R Retzloff Co	P.O. Box 1786, San Antonio 6, Tex	LE3-7839
Ore	Samuel N Stroum Co. Inc	621 Mich. St. Seattle 8, Wash	PA3-7310
Pa	Robert Finlay	45 Broad St, Ridgewood, NJ	OL2-0088
RI	Dan Greene Organization Inc	P.O. Box 124, Cambridge 38, Mass	UN4-2220
SC	Robert Thomas	942 S. 53rd St, Birmingham, Ala	LY2-4715
Tex	W R Retzloff Co	P.O. Box 1786, San Antonio, Tex	LE3-7839
Utah	McLoud & Raymond Co	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
Vt	Dan Greene Organization Inc	P.O. Box 124, Cambridge 38, Mass	UN4-2220
Va	Robert Finlay	45 Broad St, Ridgewood, NJ	OL2-4715
Wash	Samuel N Stroum Co. Inc	621 Mich. St. Seattle 8	PA3-7310
Wyo	McLoud & Raymond Co	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
•	**RIPLEY CO., INC**	**1 Factory St, Middletown, Conn**	**DI6-6679**
	P Rinaldi #7 *67 E 105-360		
Cal	Graybar Electric Co. Inc	1750 Alameda St. San Francisco	
Cal	Graybar Electric Co. Inc	210 Anderson St. Los Angeles 54	
Cal	John H Ormond Co.	600 16th St, Oakland 12, Cal	
Cal	The A W Nash Co	2112 S. Atlantic Blvd, Los Angeles 22	LA6-3435
Colo	Hendrie & Bolthoff Co	1635 17th St. Denver 17	KE4-4111
Conn	Graybar Electric Co	2460 State St, Hamden, Conn	
Fla	William J Reasor & Associates	114 Seaplanes Ave, Tampa, Fla	
Fla	Belcher & Associates Inc	3751 Atlantic Blvd, Jacksonville 11, Fla	RA4-7811
Ga	H K Dewees Co	Box 8774, Sta F, Atlanta 6	875-2753
Ill	Graybar Electric Co	850 W. Jackson Blvd, Chicago 80, Ill	CA6-4100
Ill	Gormak Co	7001 N. Clark St, Chicago 26, Ill	RO4-6966
Ind	Graybar Electric Co., Inc	1300 W. 16th St, Indianapolis 2, Ind	ME6-2351
Ind	Graybar Electric Co., Inc	6445 Indianapolis Blvd, Hammond, Ind	TI4-1900
Iowa	Graybar Electric Co. Inc	206 E 5th St, Davenport	
Iowa	Graybar Electric Co. Inc	24 11th St. Des Moines 9	
Ky	J H Warrington	Box 283, Lexington, Ky	2-8149
Md	Barrington Associates	33 S. Gay St, Baltimore 2, Md	PL2-1927
Mass	T W Fitzpatrick	36 Huntington Ave, Boston, Mass	CO7-4754
Mich	Hilltronics, Inc	13720 Puritan Ave. Detroit 27	BR2-4320
Minn	Graybar Electric Co. Inc	824 E 4th St, Minneapolis 15	
Miss	E W Cook	Box 1325, Jackson, Miss	FL3-3596
Mo	Graybar Electric Co. Inc	600 S Taylor Ave, St Louis 10	
Mo	L G Wendegatz Co	4610 Troost Ave, Kansas City 10	WE1-1355
Mont	Graybar Electric Co	604 E. Aluminum St, Butte, Mont	
NJ	M E Maxwell Inc	45 N. Broad St, Ridgewood, NJ	GI5-7171
NY	Gould-Farmer Co	1101 W Genesee St, Syracuse	GR1-4111
NC	Max I Miller	Box 3525, Greensboro, NC	BR3-7955
Ohio	Robert S Howley	1545 Kansas Ave. Lorain	AT8-8310
Okla	Star Electric Supply Co	P O Box 5361, Tulsa 16	TE5-7672
Ore	Graybar Electric Co. Inc	2187 5th Ave, W, Eugene	
Ore	William J Cottrell & Associates	4000 S.W. Macadam Ave, Portland 1, Ore	
Ore	Graybar Electric Co., Inc	Park & Flanders St, Portland 9, Ore	
Pa	Graybar Electric Co., Inc	900 Ridge Ave, Pittsburgh 12, Pa	
SC	Perry-Mann Electric Co	901 Taylor St. Columbia	
Tex	Graybar Electric Co	717 Latimer St, Dallas 26, Tex	
Tex	Graybar Electric Co., Inc	1700 Cullen Blvd, Houston 3, Tex	
Tex	J Earl Smith Co	Box 35332, Airlawn Sta, Dallas	
Utah	Lester Johnson	1544 Laird St. Salt Lake City	
Va	Graybar Electric Co	17 S. 6th St, Richmond, Va	
Wash	Graybar Electric Co	King & Occidental Sts, Seattle 24, Wash	
Wis	Graybar Electric Co. Inc	180 N Jefferson St, Milwaukee 2	
Wis	Graybar Electric Co. Inc	103 N Park St, Madison 5	
Foreign	Rocke International Corp	13 E. 40th St, New York 16, NY	
	RIVERBANK LABORATORIES, DEPT OF ENGINEERING	**P.O. Box 65, Geneva, Ill**	**CE2-2207**
	B Eisenhour, Jr #2 *15 C 195-365-670-895-915-1455-1915		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	RIVERSIDE-ALLOY METAL DIV		
	H K PORTER CO., INC	**1 Pavilion Ave, Riverside, NJ**	**HO1-3000**
	H Angell #7 *1000 G 1125-1960		
Cal	H K Porter Co., Inc	6424 Fleet St, Los Angeles, Cal	RA3-6069
Conn	H K Porter Co., Inc	2525 Albany Ave, W. Hartford 7, Conn	AD3-4489
Ga	H K Porter Co., Inc	3290 Peachtree Rd, N.E., Atlanta 5, Ga	CE7-7302
Ill	H K Porter Co Inc	2967 Greenleaf Ave, Elk Grove Village	
Mich	H K Porter Co Inc	50 W McNichols Rd, Detroit 3	
NJ	H K Porter Co., Inc	19 Washington St, E. Orange, NJ	OR5-4323
NY	H K Porter Co., Inc	19 Washington St, E. Orange, NJ	OR5-4323
NY	H K Porter Co., Inc	3 Winthrop St, Rochester 7, NY	HA6-3751
Ohio	H K Porter Co., Inc	4040 Mayfield Rd, Cleveland 21, Ohio	EV2-2020
•	**RIXON ELECTRONICS INC**	**2414 Reedie Dr, Silver Spring, Md**	**LO5-4578**
	D Perry #25 *161 E 45-50-60-220-320-325-330-338-365-385-450-455-470-515-585-670-795-880-895-915-920-945-1045-1135-1150-1215-1245-1340-1420-1460-1595-1855-1865-1870		
Ariz	H W Ruby & Assoc. Inc	3030 N 7th St, Phoenix	AM6-2443
Cal	H W Ruby & Assoc. Inc	Box 63, La Canada	SY0-3195
Conn	Wild & Assoc. Inc	1519 Northern Blvd. Roslyn, NY	MA1-8660
DC	Wild & Assoc. Inc	2573 Wilson Blvd. Arlington, Va	JA4-2274
Ill	Midwest Electronics Sales	3800 West N Ave. Chicago	CA7-3222
Ind	Midwest Electronics Sales	3800 West N Ave. Chicago, Ill	CA7-3222
Iowa	Midwest Electronics Sales	3800 West N Ave. Chicago, Ill	CA7-3222
Md	Wild & Assoc. Inc	2573 Wilson Blvd. Arlington, Va	JA4-2274
Mass	Wild & Assoc. Inc	Box 293, Framingham	TR2-2061
Nev	H W Ruby & Assoc. Inc	Box 63, La Canada, Cal	SY0-3195
NJ	N K Freeman	Redbank	SH7-2662
NJ	J J Redden	3600 Bergenline Ave. Union City	UN6-1611
NY	Wild & Assoc Inc	1519 Northern Blvd. Roslyn	MA1-8660
NY	H C Johnson Agencies, Inc	111 Mt Hope Ave. Rochester 20	HA6-1090
NY	H C Johnson Agencies, Inc	9 Van Ln, Binghamton	RA3-5889
NY	H C Johnson Agencies, Inc	472 Niagara Falls Blvd, Buffalo	TF2-4591
NY	H C Johnson Agencies, Inc	404 E Genesee St, Fayetteville	NE7-8193
NY	H C Johnson Agencies, Inc	Box 86, Braidywine Sta. Schenectady	FR4-5901
Pa	Wild & Assoc. Inc	Box 95, Southampton	LO8-7078
For	Teleinstrument A B	Harpsdalsgatan 136, Stockholm-Vallingby, Sweden	
	ROANWELL CORP	**180 Varick St, NY 14, NY**	**YU9-1090**
	805-895-910-1130-1735-1765		
Ariz	S O Jewell Co	1025 S Van Buren, Tucson, Ariz	EA7-1644
Cal	S O Jewell Co	12111 Ventura Blvd, N. Hollywood, Cal	ST9-8103
DC	Arco Eng	1150 18th St, Washington 6	EX3-5991
Fla	Jaeger-Conray Inc	1809 E Colonial Dr, Orlando	CH1-6595
Ohio	L S Foster	3580 Dorset Dr, Dayton 5	CR5-9345
Pa	C R Hile Co	Hillview Rd, Paoli	NI4-5500
Tex	Howell Sales Inc	235 SE 14th St, Grand Prairie	AN2-5153
	ROBBINS AVIATION INC	**2350 E. 38th St, Los Angeles 58, Cal**	**LU9-5221**
	J Johnson C 445-1920		
Ariz	Stepco	221 E Camelback Rd, Phoenix	CR4-9293
Cal	General Air Eqpt	924 Hollywood Way, Burbank	VI9-4548
Cal	Victor Eqpt Co	2205 Newton Ave, San Diego 13	BE2-7341
Cal	Victor Equipment Co	840-54 Folsom St, San Francisco 7, Cal	GA1-3800
Colo	Rocket Components Co	2950 S. Fox St, Englewood, Colo	SU9-2548
Conn	Cook Aircraft Products Co	Box 338, Suffern, NY	EL7-0775
Del	Cook Aircraft Products Co	Box 338, Suffern, NY	EL7-0775
Fla	J G Christopher Co	Box 4338, Cocoa	EL3-3961
Ill	Flow Products Inc	5656 W. Diversey Ave, Chicago 39, Ill	TU9-5252
Ind	Flow Products Inc	5656 W. Diversey Ave, Chicago 39, Ill	TU9-5252
Iowa	Flow Products Inc	5656 W. Diversey Ave, Chicago 39, Ill	TU9-5252
La	The Gay Sales Co., Inc	5945 Plank Rd, Baton Rouge, La	EL7-2423
Md	Cook Aircraft Products Co	P.O. Box 338, Suffern, NY	SU5-0775
Mich	Flow Products Inc	5656 W. Diversey Ave, Chicago 39, Ill	TU9-5252
NJ	Cook Aircraft Products Co	Box 338, Suffern, NY	EL7-0775
NM	Stepco, Inc	Box 8025, Albuquerque	AL6-9621
NY	Cook Aircraft Products Co	Box 338, Suffern	EL7-0775
NY	Niagara Instruments & Equipment	109 Macbeth St, Rochester 9, NY	BU8-5200
Ohio	Distributor Sales Co	Box 3031, Cleveland 17	IV1-5364
Okla	Chas Wheatley Co	414 S. Detroit, Tulsa 20, Okla	LU4-3661
Tex	Stepco	Box 3826, El Paso	PR2-5274
Tex	Gay Sales Co., Inc	420 Sul Ross St, Houston, Tex	JA9-3479
Tex	Gay Sales Co., Inc	6414 Walnut Hill Ln, Dallas, Tex	EM8-2325
Wash	A F Moisey	84 Madison St, Seattle 4, Wash	MA3-7061
Wisc	Flow Products Inc	5656 W. Diversey Ave, Chicago 39, Ill	TU9-5252
Wyo	Rocket Components Co	2950 S. Fox St, Englewood, Colo	SU9-2548
	ROBBINS & MYERS INC	**1347 Lagonda Ave, Springfield, Ohio**	**FA3-6461**
	M Aitken #25 *1500 G 105-895-1195-1375		
Ariz	Toncray Equipment Co	213 N. First Ave, Phoenix, Ariz	AL4-1383
Ariz	Barrett-Haentjens Sales Co	2301 E Henshaw Rd, Phoenix	
Cal	R Mauss Inc	3491 Cahuenga Blvd, Los Angeles, Cal	HO2-6039
Cal	C W Boswell	531 Jessie St, San Francisco	HE1-3435
Cal	Robbins & Myers, Inc	7755 Paramount Pl, Pico Rivera	
Colo	Materials Handling Equipment Co	1795 Sheridan Blvd, Denver, Colo	BE7-0433
Colo	Howard Toncray	1732 Blake St, Denver, Colo	CH4-1102
Fla	Dick McGinn	5704 Wilmar Dr S, Jacksonville	
Ga	Carl Johnson	Walton Bldg, Atlanta, Ga	JA2-2632
Ill	Robbins & Myers Inc	5517 N. Montrose Ave, Chicago, Ill	SP7-8970
Iowa	Johnson Equipment Co	1630 S State St, Bettendorf	5-5623
La	O E Barron	421 Commercial Pl, New Orleans, La	JA2-3101
La	McCurnin, Swan & Assoc	7228 Earhart Blvd, New Orleans	GA5683
Md	MacCallum-Sisco-Clisby, Inc	4 W 26th St, Baltimore	BE5-3725
Md	H E Butler	2315 N Charles St, Baltimore	MU5-1318
Mass	Northeastern Electric Co	240 Broadway, Boston, Mass	HA6-8828
Mich	C A Lofgren	1840 Hilton Rd, Ferndale, Mich	JO4-2207
Mich	Advance Fan & Blower Co	15001 Tireman Ave, Dearborn, Mich	LU4-5200
Mich	J J Orr	2453 20th St SW, Grand Rapids	LE4-4029
Minn	E E Rempfer & Associates	215 6th St, S.E., Minneapolis, Minn	FE6-1021
Minn	Van Bergen & Markson	3911 Gorham Ave, Minneapolis, Minn	TA2-3183
Mo	E J McCaffrey	2201 Grand Ave, Kansas City	HA2577
Mo	Geo F Heath Co	4006 Chouteau Ave, St. Louis, Mo	JE1-5167
NY	Robbins & Myers Inc	57 Murray St, New York, NY	BE3-0331
NY	Joseph S Dean	4446 Main St, Buffalo, NY	C13158
NY	J Bouton	327 Wellesley Rd, Syracuse	GR8-8314
NY	Carlton Equipment Co	211 Pulteney St, Geneva	
Ohio	Robbins & Myers Inc	3030 Euclid Ave, Cleveland, Ohio	EN1-5510
Okla	M B Sherman	5138 S Peoria St, Tulsa	RI3-2525
Ore	Brod & McClung	9000 S.E. McBrod Ave, Portland, Ore	OL4-5401
Pa	Clisby & Associates	21 S. Delaware Ave, Philadelphia, Pa	WA2-2185
Pa	Robbins & Myers Inc	8411 W. Chester Pike, Upper Darby, Pa	SH7-7938
Pa	Gilling Engineering Co	1217 Chateau St, Pittsburgh, Pa	AL1-1420
Tenn	Jones & Sweany, Inc	4711 Poplar Ave, Memphis	MU2-6655
Tex	G R Hailey Mfgs Rep Motor Div	2514 Irving Blvd, Dallas, Tex	RI1-3423
Tex	R E Boswell	1107 Rosine St, Houston	JA6-3973
Utah	Toncray Equipment Co	1347 S. 17th St, E., Salt Lake City, Utah	IN6-8187
Utah	Modern Equipment Co	52 W. 2nd S. St, Salt Lake City, Utah	DA2-5887
Wash	Star Machinery Co	241 Lander St, Seattle, Wash	MA3-0700
W. Va	Harris Pump & Supply Co	922 Quarrier St, Charleston, W. Va	
Wis	Geore Suffield	Box 56, Cudahy	
Wisc	J D Wilson Co	4031 W. State St, Milwaukee, Wisc	GR6-0600
Canada	Robbins & Myers	Brantford, Ontario, Canada	2-5447
	ROBERTS ELECTRONICS INC	**5920 Bowcroft St. LA 16, Cal**	**UP0-9426**
	E Freeman #5 *50 E 1460-1750		
Ala	W M Gray	1737 Beacon Hill Blvd. Atlanta 6, Ga	ME4-3227
Ark	Farmer-White Co	5243 Hummingbird St. Houston 35, Tex	FA3-9925
Colo	James E Gray	Box 4676, Park Hill Sta. Denver 7	EA2-7917
Conn	James White	100 Hillcrest, Windsor	MU8-1000
Del	James White	100 Hillcrest, Windsor, Conn	MU8-1000
DC	Arthur Parkett	7805 Winterberry Pl. Bethesda, Md	EM5-1196
Fla	Jack Geartner	235 Lincoln Rd. Miami Beach	JE1-0200
Ga	W M Gray	1737 Beacon Hill Blvd. Atlanta 6	LO5-6688
Ill	W J Piller	515 Hibbard Rd. Wilmette	AL1-7681
Ill	Carmine A Vignola	Box 569, Jefferson City, Mo	
Ind	Kenneth H Luse	1311 Ramona Ave. Lakewood 7, Ohio	LA1-0571
Iowa	Carmine A Vignola	Box 569, Jefferson City, Mo	5-1023
Kan	Carmine A Vignola	Box 569, Jefferson City, Mo	5-1023
Ky	Kenneth H Luse	1311 Ramona Ave. Lakewood 7, Ohio	LA1-0571
La	Farmer-White Co	5243 Hummingbird St. Houston 35, Tex	FA3-9925
Me	James White	100 Hillcrest, Windsor, Conn	MU8-1000
Md	Arthur Parkett	7805 Winterberry Pl. Bethesda	EM5-1196
Mass	James White	100 Hillcrest, Windsor, Conn	MU8-1000
Mich	Clerg-Telmoss Inc	1777 W. Lafayette Blvd. Detroit 16	WO5-2228
Minn	Frank E Miller	8355 Emerson Ave. S. Mnpls 20	TU8-2795
Miss	Farmer-White Co	5243 Hummingbird St. Houston 35, Tex	FA3-9925
Mo	Carmine A Vignola	Box 569, Jefferson City	5-1023
Mont	James E Gray	Box 4676, Park Hill Sta. Denver 7, Colo	EA2-7917
Neb	Carmine A Vignola	Box 569, Jefferson City, Mo	5-1023
NH	James White	100 Hillcrest, Windsor, Conn	MU8-1000
NJ	Morton Rosenthal	Park Dr. Manor, Phila, Pa	VI8-7150
NJ	J H Thal	1780 Broadway, NY 17, NY	PL7-2164
NM	James E Gray	Box 4676, Park Hill Sta. Denver 7, Colo	EA2-7917
NY	James White	100 Hillcrest, Windsor, Conn	MU8-1000
NY	J H Thal	1780 Broadway, NY 17	PL7-2164
NC	W M Gray	1737 Beacon Hill Blvd. Atlanta 6, Ga	ME4-3227
ND	Frank E Miller	8355 Emerson Ave. Mnpls 20, Minn	TU8-2795
Ohio	Kenneth H Luse	1311 Ramona Ave. Lakewood 7	LA1-0571
Okla	Farmer-White	5243 Hummingbird St. Houston 35, Tex	FA3-9925
Pa	Morton Rosenthal	Park Dr. Manor, Phila	VI8-7150
RI	James White	100 Hillcrest, Windsor, Conn	MU8-1000
SC	W M Gray	1737 Beacon Hill Blvd. Atlanta 6, Ga	ME4-3227
SD	Frank E Miller	8355 Emerson Ave. S. Mnpls 20, Minn	TU8-2795
Tenn	W M Gray	1737 Beacon Hill Blvd. Atlanta 6, Ga	ME4-3227
Tex	Farmer-White Co	5243 Hummingbird St. Houston 35	FA3-9925
Utah	James E Gray	Box 4676, Park Hill Sta. Denver 7, Colo	EA2-7917
Vt	James White	100 Hillcrest, Windsor, Conn	MU8-1000
Va	Arthur Parkett	7805 Winterberry Pl. Bethesda, Md	EM5-1196
W Va	Kenneth H Luse	1311 Ramona Ave. Lakewood 7, Ohio	LA1-0571
Wis	Wm. J Piller	515 Hibbard Rd. Wilmette, Ill	AL1-7681
Wyo	James E Gray	Box 4676, Park Hill Sta. Denver 7, Colo	EA2-7917
Can	J M Nelson	2810 Victoria Dr. Vancouver 12, B. C.	TR2-1709
For	Joseph Plasencia	401 Broadway, NY 13, NY	WA5-3410
	ROBERTS TOLEDO RUBBER CO	**4143 Monroe St, Toledo, Ohio**	**GR9-4466**
	#6 *160 E 175-1170-1505-1545 1940		
	ROBERTSHAW-FULTON CONTROLS CO AERO & INSTR DIV	**Santa Ana Fwy at Euclid, Anaheim, Cal**	**KE5-8151**
	185-190-895		
Ala	W E Vonschulen	2115 8th Ave, S. Birmingham, Ala	AL1-3567
Ariz	Eggelhof Engineers Inc	Box 1743, Houston 3, Tex	CA8-5471
Ark	Engineered Instrument Sales Co	Box 5947, Memphis 12, Tenn	FA3-1275
Cal	Stillson Associates	33 Meadowview Ct, Orinda, Cal	CL4-3751
Cal	Carbeck Engineering Co	Box 1147-M, Pasadena, Cal	MU1-0411
Colo	Automatic Control & Equipment Co	5750 Pecos St, Denver, Colo	GE3-6436
Conn	Hoyt-Grant Co., Inc	Box 6157, New Haven 17, Conn	CH8-4447
Del	Donald Y Daily	Box 213, Springfield, Del Co, Pa	KI3-1121
DC	Donald Y Daily	Box 213, Springfield, Del Co, Pa	KI3-1121
Fla	K L Diller & Associates	P. O. Box 2115, Pompano Beach, Fla	WH1-2706
Ga	Abernathy-Thomas Engrg Co	222-14th St, N.W., Atlanta 13, Ga	TR4-4291
Idaho	Continental Laboratories Inc	517-4th St, W., Billings, Mont	9-1394
Ill	Johnson Engineering & Sales	9044 S. Ashland, Chicago 20, Ill	PR9-5220
Ill	Carl F Gast Co	6110 Garesche Ave, St. Louis 20, Mo	EV3-0750
Ind	Electro Products	702 E. 10th St, Indianapolis 5, Ind	ME1-7400
Iowa	H G Klug Co	2021 N. 67th Ave, Omaha, Neb	GL1-377
Kan	Kirk Campbell Co	1735 Locust St, Kansas City 8, Mo	VI2-2315
Ky	Allan K Cook Co	614 W. Main St, Louisville 2, Ky	JU7-1259
La	Eggelhof Engineers Inc	P. O. Box 13195, New Orleans 25, La	UN6-4548
Me	Crosby & Siegars Inc	P. O. Box 854, Portland 4, Me	32067
Md	Donald Y Daily	P. O. Box 213, Springfield, Del Co, Pa	KI3-1121
Mass	Broger Instrument Sales Co., Inc	48 Pearl St, Brookline 47, Mass	BE2-4804
Mich	H A Reel Co	19465 James Couzens Hwy, Detroit	VE8-6800
Minn	Smico Sales Co	4501 Brownsdale Ave, Minneapolis, Minn	WA6-9975
Miss	Engineered Instrument Sales Co	P. O. Box 5947, Memphis 12, Tenn	FA3-1275
Mo	Carl F Gast Co	6110 Garesche Ave, St. Louis 20, Mo	EV3-0750
Mo	Kirk Campbell Co	1735 Locust St, Kansas City 8, Mo	VI2-2315
Mont	Continental Laboratories Inc	517-4th St, W., Billings, Mont	91394
Neb	H G Klug Co	2021 N. 67th Ave, Omaha, Neb	GL1-377
Nev	Stillson Associates	33 Meadowview Ct, Orinda, Cal	CL4-3751
NH	Crosby & Siegars Inc	P. O. Box 854, Portland 4, Me	32067
NJ	Robertshaw-Fulton Controls Co	21 Euclid Ave, Haddonfield, NJ	HA8-3334
NM	Eggelhof Engineers Inc	P. O. Box 1743, Houston 3, Tex	CA8-5471
NY	Nicolet Engineering Co	830 Linden Ave, Rochester 10, NY	LU6-4300
NC	Charles W Seizer & Co	P. O. Box 1867, Charlotte 1, NC	ED2-3550
ND	Smico Sales Co	4501 Brownsdale Ave, Minneapolis, Minn	WA6-9975
Ohio	Lester Johnson Co	3301 E. 123rd St, Cleveland 5, Ohio	SK1-7040
Okla	Eggelhof Engineers Inc	1524 Hunt Bldg, Tulsa, Okla	LU5-5788
Pa	West Penn Controls Co	P. O. Box 11055, Pittsburgh 37, Pa	PO6-4877
Pa	Robertshaw-Fulton Controls Co	21 Euclid Ave, Haddonfield, NJ	HA8-3334
Pa	Donald Y Daily	P. O. Box 213, Springfield, Del Co, Pa	KI3-1121
RI	Broger Instrument Sales Co., Inc	48 Pearl St, Brookline 47, Mass	BE2-4804
SC	Charles W Seitzer & Co	P. O. Box 1867, Charlotte 1, NC	ED2-3550
SD	Smico Sales Co	4501 Brownsdale Ave, Minneapolis, Minn	WA6-9975
Tenn	Abernathy-Thomas Engrg Co	Drawer A, Kingsport, Tenn	CI6-2242
Tex	Eggelhof Engineers Inc	P. O. Box 1743, Houston 3, Tex	CA8-6471
Utah	Robertshaw-Fulton Controls Co	Santa Ana Fwy at Euclid, Anaheim, Cal	KE5-8151
Vt	Broger Instrument Sales Co	48 Pearl St, Brookline 47, Mass	BE2-4804
Va	Donald Y Daily	P. O. Box 213, Springfield, Del Co, Pa	KI3-1121
W. Va	Industrial Equipment Co	P. O. Box 2747, Charleston 23, W. Va	DI3-7606
Wisc	Johnson Engineering & Sales	9044 S. Ashland, Chicago 20, Ill	PR9-5220
	ROBINETTE CO., W C	**802 Fair Oaks Ave, S. Pasadena, Cal**	**MU2-1594**
	360-895		
	ROBINS INDUSTRIES CORP	**36-27 Prince St, Flushing 54, NY**	**HI5-7200**
	L Post #3 *50 E 190-345-375-460-600-810-895-1315-1450-1685		
Ala	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Alas	Roger M Minthorne Co	0673 SW Taylors Ferry Rd. Portland, Ore	CH6-4556
Ark	W R Retzloff Co	P.O. Box 1786, San Antonio, Tex	LE3-7839
Cal	Bernard A Cahn Co	823 Lake St, San Francisco, Cal	
Cal	Maury Freeman	11422 Tobie St, Garden Grove	LE9-5574
Colo	Rodgers Sales Co	2149 S Clermont, Denver 22	SK7-1261
Conn	Robert Smith Co	59 Verndale St, Brookline, Mass	AS7-0017
Del	Eberle-Schaar Co	R.D. 1, Lewisberry, Pa	PO6-3995
DC	Eberle-Schaar Co	425 Stratford Rd, Baltimore 28, Md	RI7-3227
Fla	Ted J Sharaf	930 Van Buren St, Hollywood, Fla	WA2-4430
Haw	Dougherty Enterprises	334 Hinalia Loop, Kailua	
Idah	Rodgers Sales Co	2149 S Clermont, Denver 22, Colo	SK7-1261
Idaho	Roger M Minthorne Co	0673 S.W. Taylors Ferry Rd, Portland, Ore	CH6-4556
Ill	Ray R Hutmacher Associates	6647 N. Oliphant Ave, Chicago 31, Ill	NE1-3248
Ill	Carmine A Vignola Associates	P.O. Box 569, Jefferson City, Mo	PH5-1023
Ind	Charles Scheffler Co	1133 Navajo Trail, Indianapolis, Ind	LI7-7010
Iowa	Carmine A Vignola Associates	P.O. Box 569, Jefferson City, Mo	PH5-1023
Kan	Carmine A Vignola Associates	P.O. Box 569, Jefferson City, Mo	PH5-1023
Ky	Charles Scheffler Co	1133 Navajo Trail, Indianapolis, Ind	LI7-7010
La	W R Retzloff Co	P.O. Box 1786, San Antonio, Tex	LE3-7839
Me	Robert Smith Co	59 Verndale St, Brookline, Mass	AS7-0017
Md	Eberle-Schaar Co	425 Stratford Rd, Baltimore, Md	RI7-3227
Mass	Robert Smith Co	59 Verndale St, Brookline, Mass	AS7-0017
Mich	J Malcolm Flora Inc	Territorial at Ridgewood, Plymouth	GL3-4296
Minn	Forrest J Carlson	3 N 15 St, Minneapolis	FE6-8649
Miss	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Mo	Carmine A Vignola Associates	P.O. Box 569, Jefferson City, Mo	PH5-1023
Mont	Roger M Minthorne Co	0673 S.W. Taylor Ferry Rd, Portland, Ore	CH6-4556
Neb	Carmine A Vignola Associates	P.O. Box 569, Jefferson City, Mo	PH5-1023
NH	Robert Smith Co	59 Verndale St, Brookline 46, Mass	AS7-0017
NJ	Eberle-Schaar Co	RD #1, Lewisberry, Pa	PO6-3995
NJ	Stang Sales Co	271 Columbus Ave, Tuckahoe, NY	SP9-6868
NM	Rodgers Sales Co	2149 S Clermont, Denver 22, Colo	SK7-1261
NY	W M Ferguson Co	Box 6, Marlboro	OV2-9301
NY	Stang Sales Co	271 Columbus Ave, Tuckahoe, NY	SP9-6868
Ohio	James H Podolny Co	5912 Penn Ave, Pittsburgh, Pa	HI1-0800
Okla	W R Retzloff Co	P.O. Box 1786, San Antonio, Tex	LE3-7839
Ore	Roger M Minthorne Co	0673 S.W. Taylor Ferry Rd, Portland, Ore	CH6-4556
Pa	Eberle-Schaar Co	R.D. 1, Lewisberry, Pa	PO6-3995
Pa	James H Podolny Co	5912 Penn Ave, Pittsburgh, Pa	HI1-0800
RI	Robert Smith Co	59 Verndale St, Brookline 46, Mass	AS7-0017
Tenn	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	AM2-1573
Tex	W R Retzloff Co	P.O. Box 1786, San Antonio, Tex	LE3-7839
Utah	Rodgers Sales Co	2149 S Clermont, Denver 22, Colo	SK7-1261
Vt	Robert Smith Co	59 Verndale St, Brookline 46, Mass	AS7-0017
Va	Eberle-Schaar Co	425 Stratford Rd, Baltimore 28, Md	RI7-3227
Wash	Roger M Minthorne	0673 S.W. Taylor Ferry Rd, Portland, Ore	CH6-4556
W.Va	James H Podolny Co	5912 Penn Ave, Pittsburgh, Pa	HI1-0800
Wis	Carmine A Vignola Assoc	1202 Peyton Dr, Jefferson City, Mo	PH5-1023
Wisc	Ray R Hutmacher Associates	6647 N. Oliphant Ave, Chicago 31, Ill	NE1-3248
Wyo	Rodgers Sales Co	2149 S Clermont, Denver 22, Colo	SK7-1261
Can	E S Gould Sales Co	19 LeRoyer, Montreal 1, Que	
Foreign	Telesco International	36 W. 40 St, New York, NY	PE6-2165
	ROBINSON MACHINE CO., INC	**286 Preakness Ave, Paterson 2, NJ**	**AR4-8405**
	O Schwartz #2 *16 B 1375		
	ROBINSON VIBRASHOCK DIV. ROBINSON TECH PRODS INC	**Teterboro Air Terminal, Teterboro, NJ**	**AT8-2500**
	N Nietsch #50 *280 E 1170		
Cal	West Coast Engrg Office	604 Colorado Ave, Santa Monica, Cal	EX5-3246
Cal	George W Ledbetter Co	P.O. Box 528 Encino, Cal	ST9-8115
Minn	H N Richardson & Co., Inc	9 E. 22nd St, Minneapolis 4, Minn	FE6-4078
NY	R P Kennedy Co	187 Mayflower Dr, Rochester 18, NY	BR1-6322
Tex	Jack F McKinney Sales Co	1300 Chemical St, Dallas 7, Tex	RI1-1368
Canada	Aviation Electric Ltd	P.O. Box 6102, Montreal 9, Canada	RI4-2811
Foreign	Societe Vibrachoc	39, Rue Des Mathurins, Paris 8, France	
	ROBOTOMICS ENTERPRISES, INC	**2422 E Indian School Rd. Phoenix 16, Ariz**	**AM6-8682**
	R Hempel #5 *20 A 338-895		
	ROBOTRON CORP	**21300 W. 8 Mile Rd. Detroit 19, Mich**	**KE4-7400**
	S Hinds #4 *120 E 820-1810		
Conn	Kenneth Wilson	311 Canterbury Rd, Havertown, Pa	HI6-9619
Ind	Orville Martin	4537 Hedgewood, Dayton, Ohio	OR4505
Mich	Marshall Johnson	1852 Ralph, S.E., Grand Rapids, Mich	CH3-0705
Mich	Charles Snow	403 Field, Clio, Mich	MU6-8954
NH	Kenneth Wilson	311 Canterbury Rd, Havertown, Pa	HI6-9619
NJ	Kenneth Wilson	311 Canterbury Rd, Havertown, Pa	HI6-9619
NY	Roy Shortt	172 Berger Ave, Syracuse 5, NY	GI6-4580
Ohio	John Brzozowski	2539 Kenilworth, Cleveland Hgts, Ohio	ER1-1355
Pa	Kenneth Wilson	311 Canterbury Rd, Havertown, Pa	HI6-9619
Pa	John Brzozowski	2539 Kenilworth, Cleveland Hgts, Ohio	ER1-1355
Canada	Frank Amy	Box 73, Burlington, Ontario, Canada	EM8-6527

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	ROCKBESTOS WIRE & CABLE CO. DIV. CERRO CORP	**Nicoll & Conner Sts. New Haven 4, Conn**	**ST7-1141**
	L Klaus #10 *275 F 190-1960		
Cal	Rockbestos Wire & Cable Co	235 E 3rd Ave, San Mateo	DI3-0635
Cal	Rockbestos Wire & Cable Co	[illegible] E Olympic Blvd, Los Angeles	MA7-2819
Ill	Rockbestos Wire & Cable Co	4534 W Madison St, Chicago 24, Ill	ES-2265
Mo	Rockbestos Wire & Cable Co	[illegible] Ave, Clayton 5	PA1-2498
NY	Rockbestos Wire & Cable Co	60-18 Maurice Ave, Maspeth, NY	OL1-2500
Ohio	Rockbestos Wire & Cable Co	2929 Euclid Ave, Cleveland 15	CH1-7111
Pa	Rockbestos Wire & Cable Co	2520 Koppers Bldg, Pittsburgh 19, Pa	AT1-4488
Va	Rockbestos Wire & Cable Co	3000 16th St, N, Arlington	JA4-[illegible]
	ROCKLAND INSULATED WIRE & CABLE CO.	**36 Main St, Haverstraw, NY**	**HA9-3103**
	E Kiger 190-795-1960		
Ariz	Bucky Harris Co	3440 Overland Ave, Los Angeles 34, Cal	TE0-4647
Cal	Bucky Harris Co	3440 Overland Ave, Los Angeles 34, Cal	TE0-4647
NM	Bucky Harris Co	3440 Overland Ave, Los Angeles 34, Cal	TE0-4647
Wash	Bucky Harris Co	3440 Overland Ave, Los Angeles 34, Cal	TE0-4647
	ROCKWELL ENGINEERING CO	**2125 E. 45th St, Indianapolis 5, Ind**	**CL1-9453**
	H Rockwell Jr #4 *7 B 195-1550		
	RODALE ELECTRONICS	**562 Grand Blvd, Westbury, NY**	**ED3-6810**
	R Schwenger #6 *60 D 795-895-920-1150-1210-1340-1455-1965		
	RODE INC	**5 Green St. Woburn, Mass**	**WE3-3580**
	H Delma #3 *52 233		
Conn	Joseph Skowronski	1104 Mountain Rd, West Suffield	NA3-[illegible]
Fla	Frank Becker	17715 Gulf Blvd, St Petersburg	
Mass	John Cobrowski	697 Summer St, W Lynn	LY5-2375
NY	Edward Rutgers	793 Lewiston Rd, Rochester	BU9-5157
Pa	John Sullivan	421 Chelten Ave, Jenkintown	TU7-3676
	ROFLAN CO	**Rt. 1 & Camp Meeting Rd. Topsfield, Mass**	**TU7-2321**
	T Roche E 345-375-555-805-815-925-1135-1765		
•	**ROGAN BROS**	**8181 N. Monticello, Skokie, Ill**	**OR5-1233**
	J Rogan #3 *30 895-980-1250		
Cal	John Fietz & Co	Box 788, Hollywood 28	NO1-4100
Conn	Fran Hrobowicz	2 Walden Rd, W. Hartford, Conn	AD3-7883
Mass	Fran Hrobowicz	2 Walden Rd, W. Hartford, Conn	AD3-7883
Mo	C E Falk Co	317 N. 11th St, St. Louis, Mo	CH1-2433
Foreign	Carrington & Stone	205 W. Wacker Dr, Chicago, Ill	RA6-7725
•	**ROHDE & SCHWARZ USA INC**	**Box 275, Passaic, NJ**	**PR3-8010**
	R Feist #2 *7 D 220-385-895-1045-1135-1425		
Ala	W A Brown & Associates Inc	3405 Lookout Dr, S.E., Huntsville, Ala	JE6-8353
Alaska	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA1818
Ariz	Hyde Electronics Co	2932 W Villa St, Phoenix	AP8-7268
Ark	Industrial Associated Electronics	P.O. Box 9068, Ft. Worth, Tex	JE5-2056
Cal	W K Geist Co	3177 Glendale Blvd, Los Angeles	NO5-5219
Cal	W K Geist Co	Box 643, Cupertino	YO8-1608
Colo	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Conn	Instrument Dynamics Inc	2385 Main St, Stratford	DR8-3435
Del	W A Brown & Associates Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
DC	W A Brown & Associates Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Fla	W A Brown & Associates Inc	205 Capron Rd, Indian River City, Fla	AM7-0411
Idaho	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Ill	Karl A Kopetzky	4908 N. Lincoln Ave, Chicago 25, Ill	LO1-1081
Ind	Karl A Kopetzky	4908 N. Lincoln Ave, Chicago 25, Ill	LO1-1081
Iowa	Karl A Kopetzky	4908 N. Lincoln Ave, Chicago 25, Ill	LO1-1081
Kan	Industrial Associated Electronics	P.O. Box 9068, Ft. Worth, Tex	JE5-2056
Ky	W A Brown & Associates Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
La	Industrial Associated Electronics	P.O. Box 9068, Ft. Worth, Tex	JE5-2056
Md	W A Brown & Associates Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Mass	Instrument Dynamics Inc	11 Albion St, Wakefield, Mass	CR9-5130
Mich	Tower Engineering Co	3898 Linden Ave, Dayton 32, Ohio	CL6-0931
Mont	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Neb	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
NJ	Louis A Garten & Associates	645 Eagle Rock Ave, W. Orange, NJ	RE1-800
NM	Industrial Associated Electronics	P.O. Box 9068, Ft. Worth, Tex	JE5-2056
NY	Louis A Garten & Associates	645 Eagle Rock Ave, W. Orange, NJ	RE1-800
NY	J A Reagan Co, Inc	45 N Lake Ave, Albany 3	HE6-9649
NY	J A Reagan Co, Inc	6 E Bayberry Dr, Liverpool	HO3-9301
NY	J A Reagan Co, Inc	145 Millbrook Dr, Williamsville	PL2727
NY	J A Reagan Co, Inc	57 B Chestmont Rd, Binghamton	RA3-9661
NC	W A Brown & Associates Inc	1707 Princeton St, Winston-Salem, NC	
Ohio	Tower Engineering Co	3898 Linden Ave, Dayton 32, Ohio	CL6-0931
Okla	Industrial Associated Electronics	P.O. Box 9068, Ft. Worth, Tex	JE5-2056
Ore	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA1818
Pa	Louis A Garten & Associates	730 Washington Ln, Jenkintown, Pa	TU7-6400
Pa	Tower Engineering Co	3898 Linden Ave, Dayton 32, Ohio	CL6-0931
Tenn	W A Brown & Associates Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Tex	Industrial Associated Electronics	P.O. Box 9068, Ft. Worth, Tex	JE5-2056
Utah	Hyde Electronics Co	2905 Connor St, Salt Lake City 9, Utah	HU7-5763
Va	W A Brown & Associates Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Wash	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA1818
W. Va	W A Brown & Associates Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Wisc	Karl A Kopetzky	4908 N. Lincoln Ave, Chicago 25, Ill	LO1-1081
Wyo	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
	ROHDEN MFG CO., INC	**4739 Montrose Ave, Chicago 41, Ill**	**SP7-4600**
	E Proechers #2 *75 E 960		
	ROHLIK-PERRIN	**12281 Turner Ave. Detroit 4, Mich**	**WE3-5367**
	J Eppersen #1 *75 D 230		
Ala	H George Lissauer	610 Carolina Ave, Ft Lauderdale, Fla	LU3-2458
Alas	S C McAfee	3704 E Howe, Seattle 2, Wash	EA2-7337
Ariz	George Hansen	4301 MacKay, Salt Lake City, Utah	EL5-8658
Ark	Doyle Riley	512 Fidelity Bldg, Dallas, Tex	RI1-1194
Cal	John Farrer	6230 Wilshire, Los Angeles	WE5-1213
Colo	Satter Sales	1217 California, Denver 4	AL5-6333
Fla	H George Lissauer	610 Carolina Ave, Ft Lauderdale	LU3-2458
Ga	H George Lissauer	610 Carolina Ave, Ft Lauderdale, Fla	LU3-2458
Haw	S C McAfee	3704 E Howe, Seattle 2, Wash	EA2-7337
Idaho	RTP Enterprises	11812 8th Ave, Seattle 77, Wash	EM2-1146
Ill	Lattner Hahn	3234 W Hollywood, Chicago 45, Ill	[illegible]
Ind	A-V Sales	Box 54, Findlay, Ohio	GA2-1129
Kan	Thomas O'Connell	2033 Clark Ct, St Louis 31, Mo	HE3-2009
Ky	A-V Sales	Box 54, Findlay, Ohio	GA2-1129
La	George Maxwell	3055 Bannockburn Pl, Memphis, Tenn	FA3-3615
Mich	A-V Sales	Box 54, Findlay, Ohio	GA2-1129
Minn	James Hokenstrom	5309 York, Minneapolis 10	
Miss	George Maxwell	3055 Bannockburn Pl, Memphis, Tenn	FA3-3615
Mo	Thomas O'Connell	2033 Clark Ct, St Louis 31	HE3-2009
Mont	RTP Enterprises	11812 8th Ave, Seattle 77, Wash	EM2-1146
Neb	Thomas O'Connell	2033 Clark Ct, St Louis 31, Mo	HE3-2009
Nev	John Farrer	6230 Wilshire, Los Angeles, Cal	WE5-1213
NM	Satter Sales	1217 California, Denver 4, Colo	AL5-6333
NC	Harry S Linker	1310 Ferncliff, Charlotte 7	
ND	James Hokenstrom	5309 York Ave, Minneapolis 10, Minn	
Ohio	A-V Sales	Box 54, Findlay	GA2-1129
Okla	Doyle Riley	512 Fidelity Bldg, Dallas, Tex	RI1-1194
Ore	RTP Enterprises	11812 8th Ave, Seattle 77, Wash	EM2-1146
SC	Harry S Linker	1310 Ferncliff, Charlotte 7, NC	
SD	James Hokenstrom	5309 York Ave, Minneapolis 10, Minn	
Tenn	George Maxwell	3055 Bannockburn Pl, Memphis	FA3-3615
Tex	Doyle Riley	512 Fidelity Bldg, Dallas	RI1-1194
Utah	George Hansen	4301 MacKay, Salt Lake City	EL5-8658
Va	Harry S Linker	1310 Ferncliff, Charlotte 7, NC	
Wash	RTP Enterprises	11812 8th Ave, Seattle 77, Wash	EM2-1146
Wis	James Hokenstrom	5309 York Ave, Minneapolis 10, Minn	
Wyo	Satter Sales	1217 California, Denver 4, Colo	AL5-6333
•	**ROHN MANUFACTURING CO**	**Box 2000, Peoria, Ill**	**637-8416**
	W Hall #3 *65 E 45-905-1170-1835-1960		
Ala	Dixie Electronics Assoc	608 N Gallatin Rd, Madison, Tenn	TW5-5666
Alaska	Don H Burcham Co	510 N.W. 19th Ave, Portland 9, Ore	CA7-3830
Ariz	Wade Bogard	5102 Arroway, Covina, Cal	ED2-3875
Ark	Dixie Electronics Assoc	608 N Gallatin Rd, Madison, Tenn	TW5-5666
Cal	Wade Bogard	5102 Arroway, Covina	ED2-3875
Cal	Logan Sales Co	350 8th St, San Francisco, Cal	HE1-0692
Colo	W B Gollher	1559 Chester St, Aurora, Colo	EM6-0208
Conn	Neer, Inc	59 Highland Ave, Somerville, Mass	PR6-2262
Del	Andrew A Foley Associates	P.O. Box 155, Moorestown, NJ	ND3-4545
DC	Andrew A Foley Associates	P.O. Box 155, Moorestown, NJ	ND3-4545
Fla	William F Hemminger	634 N.E. 79th St, Miami 38, Fla	PL9-0380
Ga	Dixie Electronics Assoc	608 N Gallatin Rd, Madison, Tenn	TW5-5666
Hawaii	Don H Burcham Co	510 N.W. 19th Ave, Portland 9, Ore	CA7-3830
Idaho	Don H Burcham Co	510 N.W. 19th Ave, Portland 9, Ore	CA7-3830
Iowa	R W Farris Co., Inc	406 W. 34th St, Kansas City 11, Mo	PL3-5380
Kan	R W Farris Co., Inc	406 W. 34th St, Kansas City 11, Mo	PL3-5380
Ky	Dixie Electronics Assoc	608 N Gallatin Rd, Madison, Tenn	TW5-5666
La	Dixie Electronics Assoc	608 N Gallatin Rd, Madison, Tenn	TW5-5666
Me	Neer, Inc	59 Highland Ave, Somerville, Mass	PR6-2262
Md	Andrew A Foley Associates	P.O. Box 155, Moorestown, NJ	ND3-4545
Mass	Neer, Inc	59 Highland Ave, Somerville	PR6-2262
Minn	E W Ossman	12 E. 25th St, Minneapolis, Minn	FE9-0891
Miss	Dixie Electronics Assoc	608 N Gallatin Rd, Madison, Tenn	TW5-5666
Mo	R W Farris Co., Inc	406 W. 34th St, Kansas City 11, Mo	PL3-5380
Mont	W B Gollher	1559 Chester St, Aurora, Colo	EM6-0208
Mont	Don H Burcham Co	510 N.W. 19th Ave, Portland 9, Ore	CA7-3830
Neb	R W Farris Co., Inc	406 W. 34th St, Kansas City 11, Mo	PL3-5380
Neb	W B Gollher	1559 Chester St, Aurora, Colo	EM6-0208
Nev	Logan Sales Co	350 8th St, San Francisco, Cal	HE1-0692
Nev	Wade Bogard	5102 Arroway, Covina, Cal	ED2-3875
NH	Neer, Inc	59 Highland Ave, Somerville, Mass	PR6-2262
NJ	Steve Fisher Sales Co	920 Greenwood Ave, Brooklyn 18, NY	CH2-5825
NJ	Andrew A Foley Associates	P.O. Box 155, Moorestown, NJ	ND3-4545
NM	W B Gollher	1559 Chester St, Aurora, Colo	EM6-0208
NY	Steve Fisher Sales Co	920 Greenwood Ave, Brooklyn 18	CH2-5825
NY	Leonard D Allen, Inc	115-117 Luther Ave, Syracuse 8	GR1-7108
NC	Dixie Electronics Assoc	608 N Gallatin Rd, Madison, Tenn	
ND	E W Ossman	12 E. 25th St, Minneapolis, Minn	FE9-0891
Ohio	Sid Levin & Associates	6252 Mayfield Rd, Cleveland 24, Ohio	HI2-8340
Okla	Athans Sales Co	1123 Dragon St, Dallas 7, Tex	RI2-4450
Ore	Don H Burcham Co	510 N.W. 19th Ave, Portland 9, Ore	CA7-3830
Pa	Andrew A Foley Associates	P.O. Box 155, Moorestown, NJ	ND3-4545
Pa	Sid Levin & Associates	6252 Mayfield Rd, Cleveland 24, Ohio	HI2-8340
RI	Neer, Inc	59 Highland Ave, Somerville, Mass	PR6-2262
SC	Dixie Electronics Assoc	608 N Gallatin Rd, Madison, Tenn	TW5-5666
SD	E W Ossman	12 E. 25th St, Minneapolis, Minn	FE9-0891
SD	W B Gollher	1559 Chester St, Aurora, Colo	EM6-0208
Tenn	Dixie Electronics Assoc	608 N Gallatin Rd, Madison	TW5-5666
Tex	Athans Sales Co	1123 Dragon St, Dallas 7, Tex	RI2-4450
Utah	W B Gollher	1559 Chester St, Aurora, Colo	EM6-0208
Vt	Neer, Inc	59 Highland Ave, Somerville, Mass	PR6-2262
Va	Dixie Electronics Assoc	608 N Gallatin Rd, Madison, Tenn	TW5-5666
Wash	Don H Burcham Co	510 N.W. 19th Ave, Portland 9, Ore	CA7-3830
W. Va	Sid Levin & Associates	6252 Mayfield Rd, Cleveland 24, Ohio	HI2-8340
Wyo	W B Gollher	1559 Chester St, Aurora, Colo	EM6-0208
Foreign	Mart Haller Inc	540 N.E. 2nd Ave, Miami 7, Fla	FR4-5223
	ROLA CO DIV MUTER CO	**2530 Superior Ave, Cleveland 14, Ohio**	**PR1-4242**
	R Sperber F #6 *525 F 1675-1855-1995		
Cal	Charles A Hansen	1435 S. Grand Ave, Los Angeles 15, Cal	RI6-6191
Conn	Grant Hatz, Inc	240 5th St, Stamford	DA4-7300
Ill	Thomas B Hunter & Associates	4441 W. Irving Park Rd, Chicago 41, Ill	SP7-2500
Ind	MacNabb, Schneider & Loomis	6 E 64th St, Indianapolis 20	CL5-6770
Mass	Grant Hatz, Inc	14 Wedgewood Rd, Natick	OL3-6510
Mich	Hermann D Meyring	18450 W McNichols Rd, Detroit 19	KE7-5460
NJ	Jack Shaw	Box 1245, Union	MU7-9131
NJ	Floyd W Churchill	53 Upland Way, Haddonfield, NJ	HA9-7871
NY	George J Gay	57 South Ave, Brockport, NY	905
Ohio	Frank J Compisano	3865 Race Rd, Cincinnati 11	MO1-1616
Pa	Floyd W Churchill	53 Upland Way, Haddonfield, NJ	HA9-7871
	ROLLAN ELECTRIC CO	**8233 S. Princeton Ave, Chicago 20, Ill**	**RA3-4000**
	C Schneider #4 *180 E 45-320-1860		
	ROMAC PRODUCTS CO	**48-01 25 Ave. LIC 3, NY**	**RA8-2631**
	M Bloomberg 1120		
	ROMAR PLASTICS INC	**1311 E. Main St, St Charles, Ill**	**JU4-6571**
	C Peterson #4 *150 120-180-715-765-770-1190-1285-1290-1295		
Ariz	Ellender Enterprises	498 S. Rosemead Blvd, Pasadena, Cal	MU1-8871
Cal	Ellender Enterprises	498 S. Rosemead Blvd, Pasadena, Cal	MU1-8871
Iowa	Richard McGee	2026 N. Herschel, St Paul 13, Minn	MI4-2167
Kan	Panalloy	1627 Main St, Kansas City, Mo	VI2-7944
Md	J-H Electronic Sales	Box 6844, Towson	VA5-4441
Md	J-H Electronics	P.O. Box 6844, Towson, Md	VA5-4441
Mich	Herman Miller Associates	2735 Clyde Pk Ave, S.W., Grand Rapids	CH5-0907
Minn	Richard McGee	2026 N. Herschel, St Paul 13, Minn	MI4-2167
Mo	George W Nelson	7403 Forsyth, Clayton 5	
Mo	Panalloy	1627 Main St, Kansas City, Mo	VI2-7944
NJ	Kaygar Assoc	Box 58, Haddonfield	
NJ	S Wayne Garrigues	P.O. Box 744, Bala-Cynwyd, Pa	MO4-5646
NY	Paul Aaron	Professional Bldg, Port Washington, NY	PO7-8480
NY	Browne & Saposky	3070 Sheridan Dr, Kenmore, NY	DE5484
Ohio	John Olsen	16201 Shaker Blvd, Cleveland 20, Ohio	SK2-5444
Okla	Panalloy	1627 Main St, Kansas City, Mo	VI2-7944
Pa	John O Olsen	16201 Shaker Blvd, Cleveland 20, Ohio	SK2-5444
Pa	S Wayne Garrigues	P.O. Box 744, Bala-Cynwyd, Pa	MO4-5646
SC	J-H Electronics	P.O. Box 6844, Towson, Md	VA5-4441
Va	J-H Electronics	P.O. Box 6844, Towson, Md	VA5-4441
Wisc	George Dwyer	722 Michigan Ave, Sheboygan, Wisc	GL2-5360
	ROME CABLE DIV OF ALCOA	**Ridge St. Rome, NY**	**FF7-3000**
	190-1125-1835-1960		
Ala	Rome Cable Div of Alcoa	Box 7424 A, Birmingham 13	TR9-9641
Ariz	Rome Cable Div of Alcoa	702 1st National Bank Bldg, Phoenix 4	AL4-9248
Cal	Rome Cable Div of Alcoa	1145 Wilshire Blvd, Los Angeles 17	HU3-2475
Cal	Rome Cable Div of Alcoa	717 Utah Ave, S San Francisco	JU8-1394
Colo	Everett T Visser, Inc	201 Wyandot, Denver 23	SH4-2424
Colo	Rome Cable Div of Alcoa	105 Fillmore St, Denver 6	DU8-1619
Fla	Rome Cable Div of Alcoa	Box 1256, Hialeah	TU5-2736
Fla	Rome Cable Div of Alcoa	Box 10769, Tampa 9	8-4061
Ga	Rome Cable Div of Alcoa	1615 Peachtree St, NE, Atlanta 9	TR5-7461
Ill	Rome Cable Div of Alcoa	520 N Michigan Ave, Chicago 11	WH3-4180
Ind	Rome Cable Div of Alcoa	2939 N Meridian St, Indianapolis 7	WA5-6471
Iowa	Rome Cable Div of Alcoa	3635 Ingersoll Ave, Des Moines 12	CR4-2966
La	Rome Cable Div of Alcoa	1725 Whitney Bldg, New Orleans 12	JA2-3377
Md	Rome Cable Div of Alcoa	1007 Commercial Credit Bldg, Baltimore 2	MU5-3660
Mass	A O Stein, Inc	250 Stuart St, Boston 16	HA6-7272
Mass	Rome Cable Div of Alcoa	211 Providence St, Boston 16	HU2-3030
Mich	Rome Cable Div of Alcoa	506 New Center Bldg, Detroit 2	TR2-7578
Mich	Rome Cable Div of Alcoa	345 W Michigan Ave, Jackson	ST4-4505
Minn	Rome Cable Div of Alcoa	4219 W 65th St, Minneapolis 24	WA7-7052
Minn	T H Stokke, Inc	345 N Wheeler Ave, St Paul 4	MI6-1205
Mo	Rome Cable Div of Alcoa	2300 Power & Light Bldg, Kansas City 5	VI2-2822
Mo	Rome Cable Div of Alcoa	1306 Fleer Continental Bldg, St Louis 8	FR1-6700
NJ	Rome Cable Div of Alcoa	744 Broad St, Newark 2	MA4-0800
NY	Rome Cable Div of Alcoa	Box 3024, Buffalo 5	TF6-1900
NY	Rome Cable Div of Alcoa	230 Park Ave, New York 17	MU6-8046
NY	Rome Cable Div of Alcoa	Box 1417, Syracuse 1	GR4-4607
NC	Rome Cable Div of Alcoa	1100 Wachovia Bank Blvd, Charlotte 2	ED4-9751
NC	Rome Cable Div of Alcoa	343 Phillips Bldg, Raleigh	TE3-1396
Ohio	Rome Cable Div of Alcoa	2331 Victory Pkwy, Cincinnati 6	CA1-7000
Ohio	Rome Cable Div of Alcoa	1450 Terminal Tower, Cleveland 13	CH1-0900
Okla	Rome Cable Div of Alcoa	113 NW 23rd St, Oklahoma City 3	JA5-1527
Ore	Rome Cable Div of Alcoa	1115 US National Bank Bldg, Portland 4	CA8-6501
Pa	Rome Cable Div of Alcoa	1900 Two Penn Center Plaza, Phila 2	LO8-0100
Pa	Rome Cable Div of Alcoa	2 Gateway Center, Pittsburgh 22	AT1-4545
Tenn	Rome Cable Div of Alcoa	1205 Volunteer Bldg, Chattanooga 2	AM7-6565
Tex	Rome Cable Div of Alcoa	1900 Fidelity Union Tower, Dallas 1	RI1-8291
Tex	Rome Cable Div of Alcoa	1319 Texas Eastern Bldg, Houston 2	CA5-0771
Utah	Rome Cable Div of Alcoa	230 S 4th, W, Salt Lake City 1	EL9-8811
Va	Rome Cable Div of Alcoa	908 N Thompson St, Richmond 30	EL5-9351
Wash	Rome Cable Div of Alcoa	612 Fidelity Bldg, Spokane 1	RI7-4124
Wash	Rome Cable Div of Alcoa	1411 4th Ave, Bldg, Seattle 1	MA4-4040
W Va	Rome Cable Div of Alcoa	1015 11th Ave, Huntington	JA3-5414
Wis	Rome Cable Div of Alcoa	3940 W Wisconsin Ave, Milwaukee 3	DI3-7110
For	Alcoa International	230 Park Ave, New York 17, NY	MU6-8046
	ROOTS-CONNERSVILLE BLOWER	**900 W Mount St. Connersville, Ind**	**1500**
	W Miller #55 *550 F 105-1375		
Ariz	Ken Smith Co	P.O. Box 6104, Phoenix, Ariz	AL8-0901
Cal	Roots-Connersville Blower Div	5120 Pacific Blvd, Los Angeles 58	LU3-1361
Cal	Roots-Connersville Blower Div	417 Market St, San Francisco 5	YU1-3667
Colo	G M Wallace & Co	Denham Bldg, Denver 2, Colo	AM6-0396
DC	Maloney Engineering Co	Mills Bldg, Washington 6, DC	DI7-6325
Ga	Roots-Connersville Blower Div	1166 Maple Dr, NE, Atlanta 5	CE7-0403
Ill	Roots-Connersville Blower Div	1737 W Howard St, Chicago 26	BR4-5113
Mass	Roots-Connersville Blower Div	945 Great Plain Ave, Needham 92	HI4-2327
Mich	Roots-Connersville Blower Div	600 E Lincoln St, Birmingham	MI6-7240
Mo	Kansas City Equipment Co	4708 Holly St, Kansas City 12, Mo	PL3-3737
Mo	Semple Bros	2019 Big Bend Blvd, St. Louis 17, Mo	ST1-7841
Mont	G M Wallace & Co	P.O. Box 288, Butte, Montana	2-6391
NY	Boos Industrial Equipment Co	4345 Main St, Buffalo 21, NY	PL5600
NY	Roots-Connersville Blower Div	122 E 42nd St, New York 17	OX7-2900
Ohio	Roots-Connersville Blower Div	5912 Hamilton Ave, Cincinnati 24	LI2-4524
Ohio	Roots-Connersville Blower Div	1900 Euclid Ave, Cleveland 15	PR1-8386
Okla	D B Hutchcraft Co	2621 S. Florence Ave, Tulsa 14, Okla	RI2-1261
Ore	C L Koerner	12300 S.E. Oatfield Rd, Portland, Ore	OL4-8773
Pa	Roots-Connersville Blower Div	357 Lancaster Ave, Haverford	MI2-4636
Pa	Roots-Connersville Blower Div	Grant Bldg, Pittsburgh 19	AT1-5571
Tenn	P A Chapman & Assoc, Inc	Box 6206, Chattanooga 11	AM6-8730
Tenn	P A Chapman & Assoc, Inc	413 E D St, Elizabethton	LO-6561
Tex	G M Wallace & Co	Electric Bldg, El Paso, Tex	KE2-5429
Tex	Roots-Connersville Blower Div	1615 Ovid St, Houston 10	CA8-2331
Utah	G M Wallace & Co	Continental Bank Bldg, Salt Lake City 1	EM4-9611
Can	Roots-Connersville Blower Div	212 King St, W, Toronto 1, Ont	EM3-1596
For	Roots-Connersville Blower Div	122 E 42nd St, New York 17, NY	OX7-2900
	ROSAN INC	**2901 W. Coast Hwy, Newport Beach, Cal**	**LI8-5533**
	175-645-790-1205-1780		
	ROSEMOUNT ENGINEERING CO	**4900 W. 78 St, Minneapolis 24, Minn**	**WA7-7711**
	V Heath #24 *160 E 895-1150-1850		
Cal	Brooks Electronics	825 Moraga Dr, Los Angeles 49, Cal	GR6-1931
Colo	Western Aircraft Supply Co	2755 S. Zurich Ct, Denver 19, Colo	WE5-8941
Colo	Parrish Electronics	7130 S Albion, Denver	SK6-3465
Ga	Allen C Craft Jr	P.O. Box 11726, Atlanta 5, Ga	CE3-8944
Mass	J M Lancaster Co	65 Concord St, Framingham, Mass	TR0-8893

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Mo	Hunig-Hinson Co	2014 S. Brentwood Blvd. St. Louis 17, Mo	MI7-4352
NY	B B Taylor Corp	2270 Grand Ave. Baldwin	BA3-[illegible]
Ohio	RDP Assoc	5898 Hubbardville Ave. Dayton 31	CL3-6175
Pa	Russell F Clark Co	Clark Bldg, Pittsburgh 22, Pa	AT1-4369
Pa	W Henry Conroy Sales Co	Barclay Bldg. Bala Cynwyd	MO4-3344
Tex	RDP Assoc	3716 Myra Ln. Dallas 14	CH7-7225
Wash	Western Aircraft Supply Co	6545-4th Ave. N.E., Seattle, Wash	LA3-5662
Canada	Sansei Mfg Corp of Can Ltd	4 Racine Rd. Rexdale, Ontario, Canada	CH4-5655
	ROSENBERG BROS & CO	**112 Landing Ave. Smithtown, NY**	**AN5-2290**
	R Rosenberg #2 E 785-1290-1825		
NY	Vertex Sales	2352 E. 65th St. Brooklyn 34, NY	
	ROSS CO., MILTON	**239 Jacksonville Rd, Hatboro, Pa**	**OS2-0550**
	***100 E 105-895-1120-1290**		
Cal	Robinson Co	4026 W. 183rd St, Torrance, Cal	FR9-5531
Tex	Engineering Associates	Ft. Worth, Tex	
Ill	Harry Halinton Co	6400 N. Leeds Ave. Chicago 30	
Ind	Harry Halinton Co	6400 N. Leeds Ave. Chicago 30, Ill	
Minn	Harry Halinton Co	6400 N. Leeds Ave. Chicago 30, Ill	
Wisc	Harry Halinton Co	6400 N. Leeds Ave. Chicago, Ill	
	ROSTAN CORP	**5660-59 St, Maspeth 78, NY**	**TW4-7558**
	R Carolan #1 *10 B 45		
	ROSTONE CORP	**Rt 52, S., Lafayette, Ind**	**SH2-8471**
	M Kney #20 *400 E 240-715-785-905-960-1085-1290		
	ROTARY DEVICES CORP	**30 Jay St, Englewood, NJ**	**LO9-0433**
	L Silven #4 *40 330-335-895-1625-1675-1735		
Cal	W W Tompkins & Co	3944 El Camino Real, Palo Alto	DA6-7940
Cal	E W Bohm Co	6214 W. Manchester Blvd. LA	OR0-1620
Fla	Lynch-Gentry Assoc	35 W. N. Shore Ave. Ft. Meyers	
Tex	Allied Components Inc	Converse St, Dallas, Tex	
	ROTATING COMPONENTS, INC	**267 Green St. Brooklyn 22, NY**	**EV9-3490**
	N Gierre #5 *100 D 105-320-755-780-895-1135-1165		
Ala	Sales Engineering Assoc	305 N 90th St. Birmingham	VE3-5231
Ariz	Kay Co	718 E 9th St. Tucson	MA4-4588
Ariz	Kay Co	4142 W Highland Dr. Phoenix	CR9-5241
Cal	Hi-N-Enterprises	Box 211, Ontario	YU4-2543
Cal	Wm W Tompkins & Co	3944 El Camino Real, Palo Alto	DA6-7940
Colo	Landes, Zachary & Peterson	601 S Jason St. Denver	SH4-1311
Conn	Todino Engineering Sales, Inc	Box 291, W Hartford	AD2-9532
Del	William Drew & Co	145 N. Narberth Ave, Narberth, Pa	MO4-8331
Fla	Sales Engineering Assoc	Box 3725, St Petersburg	51-6082
Ga	Sales Engineering Assoc	305 N 90th St. Birmingham, Ala	VE3-5231
Idah	Landes, Zachary & Peterson	2501 S State St. Salt Lake City, Utah	HU7-7873
Ill	Ringland M Krueger Co	4738 N Harlem Ave. Chicago	UN7-7100
Ind	Hoenig Sales Co	Butler Ct. Ft Wayne	AN2083
Ky	Hoenig Sales Co	Butler Ct. Ft Wayne, Ind	AN2083
Me	Todino Engineering Sales Inc	50 Kearny Rd, Needham 94, Mass	HI4-7925
Mass	Todino Engineering Sales Inc	50 Kearney Rd, Needham 94, Mass	HI4-7925
Mich	Jim McGraw Sales	13145 Hamilton Ave. Highland Park	TO5-7500
Mont	Landes, Zachary & Peterson	601 S Jason St. Denver, Colo	SH4-1311
NH	Todino Engineering Sales Inc	50 Kearney Rd, Needham 94, Mass	HI4-7925
NJ	William Drew & Co	145 N. Narberth Ave, Narberth, Pa	MO4-8331
NJ	Kahgan Sales Corp	1261 Broadway, New York, NY	MU4-7772
NM	Landes, Zachary & Peterson	Box 3245, Albuquerque	AL6-9449
NY	Leonard D Allen Inc	Box 32, Salina Sta, Syracuse 8, NY	GR1-3108
NY	Kahgan Sales Corp	1261 Broadway, New York, NY	MU4-7772
NC	Sales Engineering Assoc	305 N 90th St. Birmingham, Ala	VE3-5231
Ohio	Jay Engineering Co	1721 E. 3rd St, Dayton 3, Ohio	CL3-2151
Ohio	Jay Engineering Co	4712 W 130th St. Cleveland	CL2-1496
Pa	William Drew & Co	145 N. Narberth Ave, Narberth, Pa	MO4-8331
RI	Todino Engineering Sales, Inc	Box 291, W Hartford, Conn	AD2-9532
SC	Sales Engineering Assoc	305 N 90th St. Birmingham, Ala	VE3-5231
Tenn	Sales Engineering Assoc	305 N 90th St. Birmingham, Ala	VE3-5231
Utah	Landes, Zachary & Peterson	2501 S State St. Salt Lake City	HU7-7873
Vt	Todino Engineering Sales Inc	50 Kearney Rd, Needham 94, Mass	HI4-7925
Wis	Ringland M Krueger Co	4738 N Harlem Ave. Chicago, Ill	UN7-7100
Wyo	Landes, Zachary & Peterson	601 S Jason St. Denver, Colo	SH4-1311
•	**ROTAX INC**	**2209 Federal Ave. LA 64, Cal**	**BR2-2888**
	D Thomas #2 *9 1165		
Cal	Hollis Jewel Co., The	5422 W. Wash. Blvd. LA 16	WE3-7259
Fla	Stemler Associates & Co	109 E. Pine St. Orlando	
Ill	R C Whitmore & Associates	520 N. Mich. Ave. Chicago 11	MO4-1906
Md	Stemler Assoc. & Co	25 W. Pa. Ave. Towson 4	VA8-8853
Mass	Dan Greene Org Inc., The	Box 124, Cambridge 38, Mass	UN4-2220
NJ	Stemler Assoc. & Co	17 Birchwood Rd. Hawthorne	SW1-1744
NJ	Stemler Associates & Co	Box 36, Moorestown	
Okla	John W. Elder Co	1526-28 E. 4th St. Tulsa 20	DI3-9149
Pa	Beil & Whitaker Inc	3623 Jacksonwald Ave. Reading	FR5-8837
Tex	Campion Sales Co	9002 Chancellor Row, Dallas 35	FL7-4085
Wash	Fred H Haight Co	3212 Eastlake Ave. Seattle 2	EA2-1818
	ROTEK INSTRUMENT CORP	**733 Concord Ave. Cambridge 38, Mass.**	**KI7-0175**
	S Ochlis #2 *27 338-3[illegible] 895-1340-1855		
Ariz	Kittleson Company	416 N LaBrea Ave. Los Angeles, Cal	WE3-7371
Ark	Mitchell Speairs Company	4944 James Ave. Fort Worth, Texas	WA3-4657
Cal	Kittleson Company	416 N LaBrea Ave. Los Angeles, Cal	WE3-7371
Colo	Parrish Electronics	2130 S Albion St. Denver 22	SK6-9455
Conn	Anderson-Stone Engineering	2300 Washington St. Newton 62, Mass	WO9-9560
Del	S & S Associates, Inc	780 W DeKalb Pike, King of Prussia, Pa	BR9-7192
DC	S & S Associates	780 W DeKalb Pike, King of Prussia, Pa	BR9-7192
Ill	Pivan Engineering Co	2920 Peterson Ave. Chicago	KE9-4838
Ind	Pivan Engineering Co	2920 Peterson Ave. Chicago, Ill.	KE9-4838
Me	Anderson & Stone Engineering	2300 Washington St. Newton 62, Mass	WO9-9560
Md	S & S Associates	780 W DeKalb Pike, King of Prussia, Pa	BR9-7192
Mass	Anderson & Stone Engineering	2300 Washington St. Newton 62	WO9-9560
Minn	Northport Engineering, Inc	1729 Selby Ave, St. Paul 4	MI6-2021
Mo	Design and Sales Engineering Co	7501 Forsyth Blvd. St. Louis 5	PA1-6403
Neb	Design & Sales Engineering Co	7501 Forsyth Blvd. St. Louis 5, Mo	PA1-6403
Nev	Kittleson Co	416 N LaBrea Ave. Los Angeles 36, Cal	WE3-7371
NH	Anderson & Stone Engineering	2300 Washington St. Newton 62, Mass	WO9-9560
NJ	Bridger Associates, Inc	220 Jericho Turnpike, Mineola, NY	PI7-3230
NY	Bridger Associates, Inc	220 Jericho Turnpike, Mineola	PI7-3230
ND	Northport Engineering	1729 Selby Ave. St Paul 4, Minn	MI6-2021
Ohio	Elliott-Sorloc Company	21471 Concord Dr. Westlake	ED1-[illegible]
Okla	Mitchell Speairs Company	4944 James Ave. Fort Worth 15, Tex	WA3-4657
Ore	N R Schultz Company	4277 Airport Way, Seattle 8, Wash	MA4-4850
Pa	S & S Associates	780 W DeKalb Pike, King of Prussia	BR9-7192
RI	Anderson & Stone Engineering	2300 Washington St. Newton 62, Mass	WO9-9560
SD	Northport Engineering	1729 Selby Ave. St Paul 4, Minn	MI6-2021
Tex	Mitchell Speairs Company	4944 James Ave. Fort Worth 15	WA3-4657
Utah	Parrish Electronics	2130 S Albion St. Denver 22, Colo	SK6-9455
Vt	Anderson & Stone Engineering	2300 Washington St. Newton 62, Mass	WO9-9560
Va	S & S Associates, Inc	780 W DeKalb Pike, King of Prussia, Pa	BR9-7192
Wash	N R Schultz Co	4277 Airport Way, Seattle 8	MA4-4850
W Va	S & S Associates, Inc	780 W DeKalb Pike, King of Prussia, Pa	BR9-7192
Wis	Pivan Engineering Co	2920 Peterson Ave. Chicago, Ill	KE9-4838
Wyo	Pivan Engineering Co	2920 Peterson Ave. Chicago, Ill	KE9-4838
	ROTEX PUNCH CO	**2350 Alvarado St, San Leandro, Cal**	**EL7-3600**
	J Sweeney #1 *40 D 420-1075-1120-1920		
Ill	Vincent T Peterson & Associates	332 S. Michigan Ave, Chicago, Ill	WA2-7073
NY	Stanley Sheppard	30 Church St, New York, NY	BE3-5970
Ohio	V E Sims Co	8905 Lake Ave. Cleveland 2	OL1-6107
Tex	Johnson Equipment Co	11114 Hinterland Trail, Dallas, Tex	FL2-3143
Tex	Southwest Agency	511 Thomas Bldg. Dallas 2	RI1-0705
	ROTIFORM CO	**1509 Colorado Ave. Santa Monica, Cal**	**EX5-8209**
	C Stein #2 *23 B 338-360-895-1850		
Ala	W E Wolcott Co	920 Orange Ave. Winter Pk. Fla.	
Ariz	Wesley Hoxeng & Assoc	7303 Alverstone Ave. LA 45, Cal	OR8-6362
Ark	Joe M Henry Co	225 E. 3rd Tulsa, Okla	LU5-1234
Cal	Wesley Hoxeng & Assoc	7303 Alverstone Ave. LA 45	OR8-6362
Fla	W E Wolcott Co	920 Orange Ave. Winter Pk.	
Ga	W E Wolcott Co	920 Orange Ave. Winter Pk. Fla.	
Ill	Surface Finishes Inc	Official Rd. Addison	KI3-6682
Ind	Bernard L Michaelson Co	315 N. Monroe St. Xenia, Ohio	DR2-5496
Iowa	Surface Finishes Inc	Official Rd. Addison, Ill	KI3-5682
Kan	Joe M Henry Co	225 E. 3rd Tulsa, Okla	LU5-1234
Ky	Bernard L Michaelson	315 N. Monroe St. Xenia, Ohio	DR2-5496
La	Joe M Henry Co	225 E. 3rd Tulsa, Okla	LU5-1234
Mich	Bernard L Michaelson Co	315 N. Monroe St. Xenia, Ohio	DR2-5496
Miss	W E Wolcott	920 Orange Ave. Winter Pk. Fla.	
NJ	O E M Sales Corp	80 Shore Rd. Port Wash. NY	PO7-7700
NY	O E M Sales Corp	80 Shore Rd. Port Washington	PO7-7700
NC	W E Wolcott Co	920 Orange Ave. Winter Pk. Fla.	
Ohio	Bernard L Michaelson Co	315 N. Monroe St. Xenia	DR2-5496
Okla	Joe M Henry Co	225 E. 3rd Tulsa	LU5-1234
Pa	Bernard L Michaelson Co	315 N. Monroe St. Xenia, Ohio	DR2-5496
SC	W E Wolcott Co	920 Orange Ave. Winter Pk. Fla.	
Tenn	W E Wolcott Co	920 Orange Ave. Winter Pk. Fla	
Tex	Joe M Henry Co	225 E. 3rd Tulsa, Okla	LU5-1234
Wis	Surface Finishes Inc	Official Rd. Addison, Ill	KI3-6682
	ROTOMMETERS INC	**46 Prospect St. Yonkers, NY**	**YO3-5900**
	1475		
	ROTOLITE SALES CORP.	**344 Essex St. Stirling, N J**	**MI7-1040**
	L Nelligan #3 *14 C 1075		
Cal	Donald M Crabb & Co	1485 Bayshore Blvd. San Francisco	JU7-5499
Cal	Neo-Film Inc	3809 W 54th St. Los Angeles 43	AX4-5249
Colo	L L Ridgway Co	1502 Glenarm Pl. Denver	
Conn	Rotolite of New England	77 Stevens Lane, Glastonbury	ME3-9226
DC	Blucher Blueprint & Supply Co	1221 20th St. NW, Washington	FE8-1341
Fla	John Evancho	175 Magnolia Ave. Daytona Beach	
Ga	Ivan Allen Co	29 Pryor St. NE, Atlanta	JA1-0800
Haw	Fisher Corp. Ltd	Box 2416, Honolulu	
Ill	Walruth Whiteprint Equipment Co	542 S Dearborn St. Chicago 5	HA7-4138
Ind	Rotolite of Midwest	3167 Euclid Hts Blvd Cleveland Hts Ohio	YE2-9571
Iowa	Elko Photo Products	507 3rd St. Des Moines	AT8-5716
La	Blount & Co	Factors Bldg. New Orleans 12	MA4715
Md	Baltimore Stationery	Calvert & Lombard Sts. Baltimore	
Mass	Walter W Fredericks Assoc. Inc	Box 757, Lanesville Sta. Gloucester	GL1174
Mich	Motor City Blueprint Co	6501 JC Lodge Expressway, Detroit	TR2-0220
Mich	Grill-MacGregor Co	2150 S Division Ave. Grand Rapids	GL2-1455
Minn	J O Webster	838 Edgerton St. St Paul 1	PR6-2734
Mo	Rotolite of St Louis	5804 Marquette Ave. St Louis 9	VE2-2091
Mo	Elko Photo Products	3127 Main St. Kansas City	JE1-4060
NJ	Fred Brewer Inc	411 Maple Ave. Ridgefield	WH5-5459
NY	Rotolite of New York	210 5th Ave. New York 10	MU5-4067
NY	Warren Raymond	2575 Marion Ave. Bellmore	SU1-6897
NY	Frank X Hahn	210 W Lake Dr. Valhalla	WH9-9594
NY	J E M Distributors	33 Mayfield Ave. Tonawanda	TF2-5655
NY	H H Sullivan Inc	65 South Ave. Rochester 4	GR1-4159
NC	Southerland Blue Print Co	119 W 1st St. Charlotte	FR6-5980
ND	Paul L Berglund	337 10th Ave. S Fargo	AD2-1165
Ohio	Rotolite of Midwest	3167 Euclid Hts Blvd. Cleveland Hts	YE2-1165
Okla	Elko Photo Products Co	607 NW 23rd St. Oklahoma City	JA4-4553
Ore	J F Gill Co	405 SW 5th Ave. Portland	
Pa	Robert E Bender	614 Washington St. Allentown	HE5-6852
Pa	Charles W Thomas Inc	4540 North St. Philadelphia 24	PI4-3100
Pa	A & B Smith Co	933 Smithfield St. Pittsburgh 30	AT1-9121
RI	Rotolite of New England	77 Stevens Ln. Glastonbury, Conn	ME3-9226
SC	Piedmont Photographers & Sup Co	Box 325, Greenville	CE2-4411
SD	Paul L Berglund	337 10th Ave. S Fargo, ND	AD2-1165
Tex	Elko Photo Products Co	1804 Elm St. Dallas	TA7-2068
Tex	L L Ridgway Co	615 Caroline St. Houston	CA8-2311
Wash	Kuker-Ranken	722 4th St. Seattle	MA2-4022
Wis	Frederick Post Co	2955 N Humboldt Ave. Milwaukee	FR4-4660
Can	Embassco Co. Ltd	33 Glenridge Rd. Scarborough, Tor	
Can	Riley's of Vancouver Ltd	620 Burrard St. Vancouver, B C	
For	Marcel Petitean	4 et 6 Cite d'Antin, Paris 9, France	
For	Rotolite of Puerto Rico	Meridad St. 1508, Santurce, P R	
For	Heliograph, C A	Apt Sabana Grande 10476, Caracas, Ven.	
	ROTOTEST LABS. INC	**2803 Los Flores Blvd. Lynwood, Cal**	**NE6-9238**
	J Davidson #12 *61 B 250-1075-1400		
Cal	Joe Davidson & Assoc	Box 198, South Gate	NE6-2245
	ROTRON MFG CO, INC	**Hasbrouck La. Woodstock, NY**	**OR9-2401**
	E Goddard #15 *440 F 105-895-1735		
Ariz	Fryco	355 N Scottsdale Rd. Scottsdale	WH5-3281
Cal	Dewco Sales, Inc	444 Page Mill Rd. Palo Alto	DA1-2550
Cal	Dewco Sales Inc	6919 San Fernando Rd, Glendale 1, Cal	VI9-6101
Colo	Scientific Instrument Co	1460 Pennsylvania St, Denver 3, Colo	AL5-2777
Conn	L L Schley Co. Inc	70 Coolidge Hill Rd. Watertown 72, Mass	WA6-0235
Del	Rotron Engineering Sales Office	5823 Greene St, Philadelphia 44, Pa	VI4-0990
DC	Rotron Engrg Sales Office	5823 Greene St, Philadelphia 44, Pa	VI4-0990
Fla	George F Bohman	711 Magnolia Ave. Orlando	GA5-6960
Idaho	Ray Johnston Co	1011 E. 69th, Seattle 15, Wash	LA4-5170
Ill	Gassner & Clark Co	6644 N. Western Ave, Chicago 45, Ill	RO4-6121
Ill	W E Fry & Co., Inc	1450 N. Florissant Ave, St. Louis 20, Mo	EV2-3500
Ind	Frank J Campisano	3985 Race Rd. Cinc 11, Ohio	MO2-1616
Ind	Gassner & Clark Co	6644 N. Western Ave, Chicago 45, Ill	RO4-6121
Iowa	Gassner & Clark Co	6644 N. Western Ave, Chicago 45, Ill	RO4-6121
Iowa	W E Fry & Co., Inc	406 W. 34th St, Kansas City 11, Mo	JE1-5236
Kan	W E Fry & Co., Inc	406 W. 34th St, Kansas City 11, Mo	JE1-5236
Ky	Frank J Campisano	3985 Race Rd. Cinc 11, Ohio	MO2-1616
Me	L L Schley Co	70 Coolidge Hill Rd, Watertown 72, Mass	WA6-0235
Md	Rotron Engrg Sales Office	5823 Greene St, Philadelphia 44, Pa	VI4-0990
Mass	L L Schley Co	70 Coolidge Hill Rd, Watertown 72, Mass	WA6-0235
Mich	Carrier & Gable Inc	155 W. Congress St, Detroit 26, Mich	WO1-1706
Minn	Hamilton & Bayle Associates Inc	3359 Republic Ave, Minneapolis 26, Minn	WE9-7891
Mo	W E Fry & Co., Inc	406 W. 34th St, Kansas City 11, Mo	JE1-5236
Mont	Ray Johnston Co	1011 E. 69th, Seattle 15, Wash	LA4-5170
Neb	W E Fry & Co., Inc	406 W. 34th St, Kansas City 11, Mo	JE1-5236
Nev	Dewco Sales Inc	6919 San Fernando Rd, Glendale 1, Cal	VI9-6101
NH	L L Schley Co	70 Coolidge Hill Rd, Watertown 72, Mass	WA6-0235
NJ	F F Sylvester Assoc	649 Morris Ave. Springfield	DR6-3324
NJ	Rotron Engrg Sales Office	5823 Greene St, Philadelphia 44, Pa	VI4-0990
NM	Fryco	355 N Scottsdale Rd. Scottsdale, Ariz	WH5-3281
NY	F F Sylvester Assoc	649 Morris Ave. Springfield, NJ	DR6-3324
NY	L L Schley Corp	PO Box 214, Dewitt	GI6-1642
ND	Hamilton & Bayle Associates Inc	3359 Republic Ave, Minneapolis 26, Minn	WE9-7891
Ohio	Components Engineering Co	7461 N. Linden Ln, Cleveland 30, Ohio	VI2-2737
Ohio	Frank J Campisano	3985 Race Rd. Cinc	MO2-1616
Okla	Ammon & Champion Co	2714 Bomar St. Dallas 4, Tex	FL7-3939
Ore	Ray Johnston Co	1011 E. 69th, Seattle 15, Wash	LA4-5170
Pa	Components Engineering Co	7461 N. Linden Ln, Cleveland 30, Ohio	VI2-2737
Pa	Rotron Engrg Sales Office	5823 Greene St, Philadelphia 44, Pa	VI4-0990
RI	L L Schley Co	70 Coolidge Hill Rd, Watertown 72, Mass	WA6-0235
SD	Hamilton & Bayle Associates Inc	3359 Republic Ave, Minneapolis 26, Minn	WE9-7891
Tex	Ammon & Champion Co	2714 Bomar St. Dallas 4	FL7-3939
Utah	Scientific Instrument Co	1460 Pennsylvania St, Denver 3, Colo	AL5-2777
Vt	L L Schley Co	70 Coolidge Hill Rd, Watertown, Mass	WA6-0235
Wash	Ray Johnston Co	1011 E. 69th, Seattle 15, Wash	LA4-5170
Wisc	Gassner & Clark Co	6644 N. Western Ave, Chicago 45, Ill	RO4-6121
Wisc	Hamilton & Bayle Associates Inc	3359 Republic Ave, Minneapolis 26, Minn	WE9-7891
Wyo	Scientific Instrument Co	1460 Pennsylvania St, Denver 3, Colo	AL5-2777
Canada	Hamer Co Ltd, The	Gage & Barton Sts, Hamilton, Ontario	LI5-1151
	ROWE ENGRAVERS, INC	**64 Union Ave, Clifton, NJ**	**MU4-1426**
	P Govzy #2 *15 C 280-1305-1530		
	ROWE INDUSTRIES	**1702 Wayne St. Toledo 9, Ohio**	**EV2-5666**
	45-325-795-895-1425-1845-1870		
•	**ROYAL ELECTRIC CORP**	**95 Grand Ave, Pawtucket, RI**	**PA2-8600**
	J Myers #6 *850 G 190-375-450-740-795-1315-1960		
Ala	Cary Chapman & Co	2516 Eighth Ct, N., Birmingham, Ala	FA3-5236
Alaska	Northwestern Agencies Inc	4130 1st Ave, S., Seattle 4, Wash	MA3-8882
Cal	Eckert-Lloyd Co	1950 Naomi Ave, Los Angeles, Cal	RI7-9655
Cal	Eckert-Lloyd Co	1225 6th St, San Francisco, Cal	HE1-5752
Colo	Strong & Humphrey	110 Yuma, Denver 23	SH4-1351
Conn	Richard Gale	P. O. Box 6, Reading, Mass	RE2-1829
Del	Andco Sales-Engineering Inc	5823 Greene St, Philadelphia 44, Pa	VI4-9100
DC	Andco Sales-Engineering Inc	5823 Greene St, Philadelphia 44, Pa	VI4-9100
Fla	Suchman Associates Inc	4010 N.W. 36th Ave, Miami, Fla	NE5-5369
Ga	Cary Chapman & Co	672 Whitehall St, S.W., Atlanta, Ga	JA4-7368
Haw	Dougherty Enterprises	334 Kinalia Loop, Kailua	253-696
Idah	Strong & Humphrey	110 Yuma, Denver 23, Colo	SH4-1351
Ill	Saba & Co	6962 W. North Ave, Chicago, Ill	ME7-1000
Ind	Saba & Co	6962 W. North Ave, Chicago, Ill	ME7-1000
Iowa	Saba & Co	6962 W. North Ave, Chicago, Ill	ME7-1000
La	Cary Chapman & Co	213 S. Front St, New Orleans, La	TU5184
Me	Richard Gale	P. O. Box 6, Reading, Mass	RE2-1829
Md	Andco Sales-Engineering Inc	5823 Greene St, Philadelphia 44, Pa	VI4-9100
Mass	Richard Gale	P. O. Box 6, Reading, Mass	RE2-1829
Mich	Loris H Chamolque	91 E. Milwaukee, Detroit, Mich	TR1-0720
Minn	H M Richardson & Co., Inc	9 E. 22nd St, Minneapolis 4, Minn	FE6-4078
Miss	Cary Chapman & Co	213 S. Front St, New Orleans, La	TU5184
Mo	A O Woerner & Sons	4030 Chouteau Ave, St. Louis 10, Mo	FR1-2700
Mont	Northwestern Agencies Inc	4130 1st Ave, S., Seattle 4, Wash	MA3-8882
Nev	Eckert-Lloyd Co	1950 Naomi Ave, Los Angeles 11, Cal	RI7-9655
NH	Richard Gale	P. O. Box 6, Reading, Mass	RE2-1829
NJ	Andco Sales-Engineering Inc	5823 Greene St, Philadelphia 44, PA	VI4-9100
NJ	Harry Kaufman	200 5th Ave, New York 10, NY	OR5-1123
NY	Harry Kaufman	200 5th Ave, New York, NY	OR5-1123
NY	R W Mitscher & Co	487 Ellicott Square Bldg, Buffalo 3, NY	UA2517
NC	Cary Chapman & Co	1009 S. Elm St, Greensboro, NC	BR3-9473
ND	H M Richardson & Co., Inc	9 E. 22nd St, Minneapolis 4, Minn	FE6-4078
Okla	NoRo Co	6115 Denton Dr, Dallas 7, Tex	FL1-0406
Ore	Northwestern Agencies, Inc	4130 1st Ave, S., Seattle 4, Wash	MA3-8882
Pa	Andco Sales-Engineering Inc	5823 Greene St, Philadelphia 44, Pa	VI4-9100
RI	Richard Gale	P. O. Box 6, Reading, Mass	RE2-1829
SC	Cary Chapman & Co	1009 S. Elm St, Greensboro, NC	BR3-9473
SD	H M Richardson & Co., Inc	9 E. 22nd St, Minneapolis 4, Minn	FE6-4078
Tenn	Cary Chapman & Co	2516 8th Ct, N., Birmingham, Ala	FA3-5236
Tex	NoRo Co	2900 Commerce St, Houston, Tex	CA5-6671
Utah	Strong & Humphrey	110 Yuma, Denver 23, Colo	SH4-1351
Vt	Richard Gale	P. O. Box 6, Reading, Mass	RE2-1829
Va	Cary Chapman & Co	1009 S. Elm St, Greensboro, NC	BR3-9473
Wash	Northwestern Agencies Inc	4130 1st Ave, S., Seattle 4, Wash	MA3-8882
Wisc	Saba & Co	6962 W. North Ave, Chicago, Ill	ME7-1000
Wyo	Strong & Humphrey	110 Yuma, Denver 23, Colo	SH4-1351
Foreign	Int'l Standard Electric Co	50 Church St, New York, NY	BO9-3800

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	ROYAL McBEE CORP	**Westchester Ave, Port Chester, NY**	**WE7-3000**
	338		
	ROYAL METAL MFG CO	**1 Park Ave, New York 16, NY**	**MU3-8141**
	S Dembner G 90-180		
Cal	Royal Metal Mfg Co	5800 Avalon Blvd, Los Angeles	
Conn	Royal Metal Mfg Co	Plainfield	
Ill	Royal Metal Mfg Co	1401 Merch Mart, Chicago	
Ind	Royal Metal Mfg Co	Michigan City	
NY	Royal Metal Mfg Co	Jamestown	
Pa	Royal Metal Mfg Co	Warren	
Can	Royal Metal Mfg Co, Ltd	Galt, Ont	
	ROYCO INSTRUMENTS INC	**440 Olive St, Palo Alto, Cal**	**DA6-1831**
	H Feuchter 895-1795		
Cal	Cain & Co	1717 N. Highland Ave. LA 28	HO2-6491
	RUBBER & ASBESTOS CORP	**225 Belleville Ave, Bloomfield, NJ**	**PI8-1300**
	Technical Sales Dept *200 30		
Ill	Rubber & Asbestos Corp	3553 W. Peterson Ave, Chicago 45, Ill	KE9-2214
	RUBBERCRAFT CORP OF CAL	**1800 W. 220 St, Torrance, Cal**	**FA8-5402**
	R Morrells #6 *132 E 80-175-480-750-770-900-1505-1545-1940		
	RUBY CHEMICAL CO	**68 McDowell St, Columbus 16, Ohio**	**CA1-3055**
	D Baker *5 C 700-1635		
Ala	Robert S Bernhardt Co	McDonough, Ga	
Conn	Henry B Swaab Co	2116 Walnut St, Philadelphia, Pa	
Del	Henry B Swaab Co	2116 Walnut St, Philadelphia, Pa	
Fla	Robert S Bernhardt Co	McDonough, Ga	
Ga	Robert S Bernhardt Co	McDonough, Ga	
Ind	Roy R Baldwin Co	21935 Beech Rd, Southfield, Mich	
Ky	Robert S Bernhardt Co	McDonough, Ga	
Md	Henry B Swaab Co	2116 Walnut St, Philadelphia, Pa	
Mich	Roy R Baldwin Co	21935 Beech Rd, Southfield, Mich	
Miss	Robert S Bernhardt Co	McDonough, Ga	
NJ	Henry B Swaab Co	2116 Walnut St, Philadelphia, Pa	
NC	Robert S Bernhardt Co	McDonough, Ga	
Pa	Henry B Swaab Co	2116 Walnut St, Philadelphia, Pa	
SC	Robert S Bernhardt Co	McDonough, Ga	
Tenn	Robert S Bernhardt Co	McDonough, Ga	
Va	Robert S Bernhardt Co	McDonough, Ga	
W Va	J H O'Hara	1350 Loretta Ave. Columbus 11, Ohio	
	RUCKER CO., THE	**4700 San Pablo Ave, Oakland 8, Cal**	**OL3-5221**
	R Cotter #35 *140 F 20-340-895-1555-1735-1920		
Cal	Rucker Co, The	6120 Telegraph Rd. Los Angeles	OV5-8170
Ore	Rucker Co	1744 S.E. Hawthorne Blvd, Portland 14	BE4-0341
Wash	Rucker Co	1705 4th Ave. S., Seattle 4, Wash	MA2-2783
	RUNZEL CORD & WIRE CO	**4723 W. Montrose Ave, Chicago 41, Ill**	**MU5-7400**
	R Mueller #2 *125 D 185-375-1960		
Cal	Leich Sales Corp	1140 W Pico Blvd. L A 64	
Fla	Leich Sales Corp	5126 S Lois Ave. Tampa	
Ill	Suttle Elect Co	Lawrenceville	
Kan	Union Electric Co	Abilene	
Ohio	Buckeye Telephone & Supply	1250 Kinnear Rd. Columbus	
Tex	Leich Sales Corp	1217 Slocum St. Dallas 7	
	RUSH WIRE STRIPPER DIV ERASER CO	**1068 S. Clinton St, Syracuse 4, NY**	
	1715-1825-1975		
	RUSSELL, BURDSALL & WARD BOLT & NUT CO	**Port Chester, NY**	**WE9-6000**
	J Davey G 125-1205-1490-1535		
Cal	Russell, Burdsall & Ward	4455 Worth St, Los Angeles 63	AN2-2165
Ill	Russell, Burdsall & Ward	38 S Dearborn St, Chicago 3	FI6-6450
Mich	Russell, Burdsall & Ward	1501 Fisher Bldg, Detroit 2	TR5-2874
Pa	Russell, Burdsall & Ward	1st Nat'l Bank Bldg, Pittsburgh 22	AT1-5773
	RUSSELL GASKET CO	**7424 Bessemer Ave, Cleveland 27, Ohio**	**DI1-5500**
	55-620-625-660-750-770-1075-1220-1290		
	RUSTRAK INSTRUMENT CO	**130 Silver St. Manchester, NH**	**NA3-3596**
	S Lockoff #4 *42 C 895		
Ala	W A Brown & Associates Inc	201 Capron, Indian River City, Fla	1086
Alaska	ARVA Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
Ariz	E V Roberts & Associates	5068 W. Wash Blvd, Los Angeles 16, Cal	WE8-2541
Ark	J Y Schoonmaker Co	5328 Redfield, Dallas 35, Tex	LA6-7238
Cal	E V Roberts & Associates	5068 W. Wash Blvd, Los Angeles 16, Cal	WE8-2541
Colo	Williams & Associates Inc	2261 S. Albion St, Denver 22, Colo	SK6-9403
Conn	Gerber Sales Co	48 Pearl St. Brookline 46, Mass	BE2-2425
Del	W A Brown & Associates Inc	201 Capron, Indian River City, Fla	1086
DC	W A Brown & Associates Inc	201 Capron, Indian River City, Fla	1086
Fla	W A Brown & Associates Inc	201 Capron, Indian River City, Fla	1086
Ga	W A Brown & Associates Inc	201 Capron, Indian River City, Fla	1086
Hawaii	ARVA Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
Idaho	ARVA Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
Ill	J E Goode Sales Co	325 W. Huron St, Chicago 10, Ill	MI2-2822
Ind	Scott & Steffen Inc	9.5 N. Pa. Ave. Indpls	ME5-8951
Iowa	Heimann Co., The	1711 Hawthorne Ave. Mnpls 3, Minn	FE2-5457
Kan	Technical Sales Co	8325 E. Indpls. St. Wichita	MU2-8730
Ky	Scott & Steffen Inc	366 Francis Bldg. Louisville 2	JU3-3220
La	J Y Schoonmaker Co	5328 Redfield, Dallas 35, Tex	LA6-7238
Me	Gerber Sales Co	48 Pearl St. Brookline 46, Mass	BE2-2425
Md	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	1086
Mass	Gerber Sales Co	48 Pearl St. Brookline 46	BE2-2425
Mich	Burcow-Cowan & Co	22128 Grande River Ave. Detroit 19	KE3-7700
Minn	Heimann Co., The	1711 Hawthorne Ave. Mnpls 3	FE2-5457
Miss	W A Brown & Assoc	201 Capron Rd, Indian River City, Fla	AM7-0411
Mo	Technical Sales Co	8325 E. Indpls. St. Wichita, Kan	MU2-8730
Mont	Williams & Associates	2261 S. Albion St, Denver 22, Colo	SK6-9403
Neb	Williams & Associates	2261 S. Albion St, Denver 22, Colo	SK6-9403
Nev	E V Roberts & Associates	5068 W. Wash Blvd, Los Angeles 16, Cal	WE8-2541
NH	Gerber Sales Co	48 Pearl St. Brookline 46, Mass	BE2-2425
NJ	Podeyn-Schmidt	207 Hackensack, Wood-Ridge	GE8-2780
NJ	Holdsworth & Co	Box 71, Lansdowne, Pa	MA6-8300

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NM	E V Roberts & Associates	5068 W. Wash Blvd, Los Angeles 16, Cal	WE8-2541
NY	Charles A Wimies Co	1445 Valencia Rd. Schenectady 9	EX3-2788
NY	Podeyn & Schmidt Inc	425 Northern Blvd, Great Neck, NY	HU7-1173
NC	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	1086
ND	Heimann Co., The	1711 Hawthorne Ave. Mnpls 3	FE2-5457
Ohio	Scott & Steffen Inc	1836 Euclid Ave. Cleve 15	TO1-2526
Okla	J Y Schoonmaker Co	5328 Redfield, Dallas 35, Tex	LA6-7238
Ore	ARVA Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
Pa	Russell F. Clark Co	Clark Bldg, Pittsbgh 22	AT1-5089
Pa	Holdsworth & Co	Box 71, Lansdowne	MA6-8300
RI	Gerber Sales Co	48 Pearl St. Brookline 46, Mass	BE2-2425
SC	W A Brown & Associates Inc	201 Capron, Indian River City, Fla	1086
SD	Heimann Co., The	1711 Hawthorne Ave. Mnpls 3, Minn	FE2-5457
Tenn	W A Brown & Associates Inc	201 Capron, Indian River City, Fla	1086
Tex	J Y Schoonmaker Co	5328 Redfield, Dallas 35, Tex	LA6-7238
Utah	Williams & Associates Inc	2261 S. Albion St, Denver 22, Colo	SK6-9403
Vt	Gerber Sales Co	48 Pearl St. Brookline 46, Mass	BE2-2425
Va	W A Brown & Associates Inc	201 Capron, Indian River City, Fla	1086
Wash	ARVA Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
W Va	Russell F Clark Co	Clark Bldg, Pittsbgh 22, Pa	AT1-5089
Wis	Heimann Co., The	9421 W. Powell Pl, Milwaukee 13	SP1-0910
Wyo	Williams & Associates Inc	2261 S. Albion St, Denver 22, Colo	SK6-9403
Canada	Elder Electronics	563 Brant St, Burlington, Ontario, Canada	NE4-0511
Foreign	Hartmann & Braun AG	Frankfurt/Main, Gruner 97, W. Germany	770611
	RUTHERFORD ELECTRONICS CO	**8944 Lindblade St, Culver City, Cal**	**UP0-7393**
	H Motte #5 *75 E 895		
Ala	S S Lee Associates Inc	210 Terry-Hutchens Bldg, Huntsville, Ala	JE6-0631
Ariz	Moxon Electronics Corp	4434 Ingraham St, San Diego, Cal	HU4-2501
Cal	Moxon Electronics Corp	489 S. Robertson Blvd, Beverly Hills	BR2-5311
Colo	Williams & Associates Inc	2261 S. Albion St, Denver 22, Colo	SK6-9403
Conn	Breger Instrument Sales Co. Inc	Box 2517, New Haven 15	SP7-6279
Del	S S Lee Associates Inc	2521 Ennalls Ave, Wheaton, Md	LO5-7086
DC	S S Lee Associates Inc	2521 Ennalls Ave, Wheaton, Md	LO5-7086
Fla	S S Lee Associates	P.O. Box 7896, Orlando, Fla	GA3-6166
Ga	S S Lee Associates Inc	210 Terry-Hutchens Bldg, Huntsville, Ala	JE6-0631
Idaho	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	MA4-8850
Ill	Lowell Co., The	4124 Skokiana Terrace, Skokie	OR6-2063
Ind	Lowell Co., The	4124 Skokiana Terrace, Skokie, Ill	OR6-2063
Iowa	Heimann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Kan	Heimann Co	4036 Agnes, Kansas City 30, Mo	JA3-2128
Ky	Dayton Associates	118 W. First St, Dayton 2, Ohio	PA3-9621
La	N S Brown Assoc	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Me	Breger Instrument Sales Co. Inc	Box 2517, New Haven 15, Conn	SP7-6279
Md	S S Lee Associates Inc	P.O. Box 205, Lutherville, Md	VA3-3494
Mass	Breger Instrument Sales Co., Inc	45 Pearl St, Brookline 47, Mass	BE2-4804
Mich	Tower Engineering Co	19964 James Couzens, Detroit 35, Mich	DI1-2332
Minn	Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
Miss	S S Lee Associates Inc	210 Terry-Hutchens Bldg, Huntsville, Ala	JE6-0631
Mo	The Heimann Co	4036 Agnes, Kansas City 30, Mo	JA3-2128
Mont	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	MA4-8850
Neb	Williams & Associates Inc	2261 S. Albion St, Denver 22, Colo	
Neb	The Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
Nev	Moxon Electronics Corp	489 S. Robertson, Beverly Hills, Cal	BR2-5311
NH	Breger Instrument Sales Co., Inc	45 Pearl St, Brookline 47, Mass	BE2-4804
NM	Williams & Associates Inc	2261 S. Albion St, Denver 22, Colo	SK6-9403
NC	S S Lee Associates	P.O. Box 906, Winston-Salem, NC	ST8-0431
ND	Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
NY	Naco Electronics Corp	1 9 Luther Ave. Liverpool	GR4-7481
NY	Louis A Garten & Assoc	275 Passaic Ave, Caldwell, NJ	CA6-7800
Ohio	Dayton Associates	118 W. First St, Dayton 2, Ohio	PA3-9621
Okla	N S Brown Assoc	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Ore	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	MA4-8850
Pa	Dayton Associates	118 W. First St, Dayton 2, Ohio	
Pa	Louis A Garten & Associates	790 Washington Ln, Jenkintown, Pa	WA7-1200
RI	Breger Instrument SALES Co., Inc	45 Pearl St, Brookline 47, Mass	BE2-4804
SC	S S Lee Associates Inc	P.O. Box 906, Winston-Salem, NC	ST8-0431
SD	Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
Tenn	S S Lee Associates Inc	P.O. Box 906, Winston-Salem, NC	ST8-0431
Tex	N S Brown Assoc	5852 Boca Raton Dr, Dallas 30	EM3-3698
Utah	Williams & Associates Inc	2261 S. Albion St, Denver 22, Colo	SK6-9403
Vt	Breger Instrument Sales Co., Inc	45 Pearl St, Brookline 47, Mass	BE2-4804
Va	S S Lee Associates Inc	P.O. Box 906, Winston-Salem, NC	ST8-0431
Wash	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	MA4-8850
W. Va	S S Lee Associates Inc	P.O. Box 205, Lutherville, Md	VA3-3494
Wis	Lowell Co., The	4124 Skokiana Terrace, Skokie, Ill	OR6-2063
Wisc	Heimann Co	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
Foreign	Frazar & Hansen Ltd	301 Clay St, San Francisco 11, Cal.	EX2-5457
	RYAN ELECTRONICS DIV RYAN AERONAUTICAL CO	**5650 Kearny Mesa Rd, San Diego 12, Cal**	**BR7-6450**
	*2,200 G 35-45-250-325-338-340-775-895-915-1135-1395-1425-1870		
Cal	Ryan Aeronautical Co	2701 W. Lomita Blvd, LA	DA6-9571
DC	Ryan Aeronautical Co	1730 H St, N.W., Wash 6, DC	EX3-3700
NJ	Ryan Aeronautical Co	1340 Woodruff Pl, Union	EL4-8464
Ohio	Ryan Aeronautical Co	Talbott Tower, Dayton 2, Ohio	BA2-4811
	RYE SOUND CORP	**145 Elm St, Mamaroneck, NY**	**OW8-0080**
	C David #1 E 45-300-320-345-555-805-895-925-1130-1170-1315-1675-1760-1780-1855		
Alaska	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	
Ariz	Barstow & Doran	647 Avenida Feliz, Tucson, Ariz	
Ark	Macrae-Smith	Box 35113, Dallas 35, Tex	
Ark	Macrae-Smith	Box 13987, Houston 24, Tex	
Cal	Barstow & Doran	1436 S. Grand Ave, Los Angeles 15, Cal	
Cal	Arthur L Bolton Co	1161 Bay Laurel Dr, Menlo Park, Cal	
Colo	Peyser & Co	1301 N Weber St. Colorado Springs	ME4-3401
Conn	Sales Associates of N.E.	30 Chester St, Somerville 44, Mass	
Del	Jerry C Merican Sales	1 Christopher St, New York, NY	
DC	Jerry C Merican Sales	1 Christopher St, New York, NY	
Hawaii	Barstow & Doran	1353 E. King St, Honolulu, Hawaii	
Idaho	Peyser & Co	1301 N Weber St. Colorado Springs, Colo	ME4-3401
Ill	Ray Hutmacher Associates	6647 N. Oliphant Ave, Chicago 31, Ill	
Ind	Fred Rosenwasser	13769 Cedar Rd, Cleveland 18, Ohio	
Iowa	Carmine Vignola	Box 565, Jefferson City, Mo	
Kan	Carmine Vignola	Box 565, Jefferson City, Mo	
Ky	Fred Rosenwasser	13769 Cedar Rd, Cleveland 18, Ohio	
La	Macrae-Smith	Box 35113, Dallas 35, Tex	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
La	Macrae-Smith	Box 13987, Houston 24, Tex	
Me	Sales Associates of N E	30 Chester St, Somerville 44, Mass	
Md	Jerry C Merican Sales	1 Christopher St, New York, NY	
Mass	Sales Associates of N E	30 Chester St, Somerville 44, Mass	
Mich	Nome Sales Co	411 Margaret, W, Detroit	TU1-0218
Mich	Moore Sales Co	1468 Glengrove, NW, Grand Rapids	
Minn	William Engelbretson Co	908 Ottawa Ave, St Paul 18	CA2-2208
Mo	Carmine Vignola	Box 565, Jefferson City, Mo	
Mont	Peyser & Co	1301 N Weber St, Colorado Springs, Colo	ME4-3401
Mont	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	
Neb	Carmine Vignola	Box 565, Jefferson City, Mo	
Nev	Barstow & Doran	1436 S. Grand Ave, Los Angeles 15, Cal	
Nev	Arthur L Bolton Co	1161 Bay Laurel Dr, Menlo Park, Cal	
NH	Sales Associates of N E	30 Chester St, Somerville 44, Mass	
NJ	Jerry C Merican Sales	1 Christopher St, New York, NY	
NJ	Irving Becker	635 E. 14th St, New York, NY	
NM	Peyser & Co	1301 N Weber St, Colorado Springs, Colo	ME4-3401
NY	Irving Becker	635 E. 14th St, New York, NY	
ND	William Engelbretson Co	908 Ottawa Ave, St Paul 18, Minn	CA2-2208
Ohio	Fred Rosenwasser	13769 Cedar Rd, Cleveland 18, Ohio	
Okla	Macrae-Smith	Box 35113, Dallas 35, Tex	
Okla	Macrae-Smith	Box 13987, Houston 24, Tex	
Ore	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	
Pa	Jerry C Merican Sales	1 Christopher St, New York, NY	
Pa	Fred Rosenwasser	13769 Cedar Rd, Cleveland 18, Ohio	
RI	Sales Associates of N E	30 Chester St, Somerville 44, Mass	
SD	William Engelbretson Co	908 Ottawa Ave, St Paul 18, Minn	CA2-2208
Tex	Macrae-Smith	Box 35113, Dallas 35, Tex	
Tex	Macrae-Smith	Box 13987, Houston 24, Tex	
Utah	Peyser & Co	1301 N Weber St, Colorado Springs, Colo	ME4-3401
Vt	Sales Associates of N E	30 Chester St, Somerville 44, Mass	
Va	Jerry C Merican Sales	1 Christopher St, New York, NY	
Wash	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	
W. Va	Fred Rosenwasser	13769 Cedar Rd, Cleveland 18, Ohio	
Wisc	Ray Hutmacher Associates	6647 N. Oliphant Ave, Chicago 31, Ill	
Wyo	Peyser & Co	1301 N Weber St, Colorado Springs, Colo	ME4-3401
	RYERSON & SON INC., JOSEPH T.	**2558 W. 16th St, Chicago 8, Ill**	**RO2-2121**
	A Olson *5000 E 625-830-925-1075-1100-1120-1125-1290-1885-1940-1950		
Cal	J T Ryerson & Son Inc	4310 E. Bandini Blvd, Los Angeles 54	AN2-6141
Cal	J T Ryerson & Son Inc	65th & Hollis, Emeryville, Cal	OL3-2530
Colo	J T Ryerson & Son Inc	4150 Fox St, Denver, Colo	GE3-6453
Conn	J T Ryerson & Son Inc	780 N. Colony Rd, Wallingford, Conn	CO9-6744
Ill	J T Ryerson & Son Inc	475 E. State St, Rockford, Ill	WO4-5679
Ill	J T Ryerson & Son Inc	Cleaveland Bldg, Rock Island	786-2527
Ind	J T Ryerson & Son Inc	6701 E. English Ave, Indianapolis	FL9-8282
Ind	J T Ryerson & Son Inc	Wayne & Michigan Aves, South Bend	CE3-2191
Mass	J T Ryerson & Son Inc	63 Everett St, Boston, Mass	ST2-6900
Mich	J T Ryerson & Son Inc	3600 E. Euclid Ave, Detroit 11, Mich	TR4-5411
Minn	J T Ryerson & Son Inc	9th St. & Hennepin Ave, Minneapolis 1	FE3-3963
Mo	J T Ryerson & Son Inc	400 W. 34th St, Kansas City 11, Mo	VA1-1661
Mo	J T Ryerson & Son Inc	5 Clinton St, St. Louis 66, Mo	CE1-0020
NJ	J T Ryerson & Son Inc	200 Wescott Ave, Jersey City, NJ	HE4-1113
NY	J T Ryerson & Son Inc	40 Stanley St, Buffalo 5	TX4-3311
NC	J T Ryerson & Son Inc	Mt. Holly & Clemway Rds, Charlotte 1	EX2-1321
Ohio	J T Ryerson & Son Inc	3475 Spring Grove Ave, Cincinnati 14	KI1-3241
Ohio	J T Ryerson & Son Inc	5300 Lakeside Ave, Cleveland 1	HE2-1411
Pa	J T Ryerson & Son Inc	5200 Grays Ave, Philadelphia 1, Pa	SA4-0700
Pa	J T Ryerson & Son Inc	Arch St & Bell Ave, Pittsburgh 30, Pa	WA1-7900
Tex	J T Ryerson & Son Inc	4606 Singleton Blvd, Dallas 22, Tex	FE1-4311
Tex	J T Ryerson & Son Inc	1251 Kress St, Houston, Tex	WA6-5161
Wash	J T Ryerson & Son Inc	1280 4th Ave. S., Seattle 34, Wash	MA4-2300
Wash	J T Ryerson & Son Inc	217 Freya St, Spokane 31, Wash	KE5-1541
Wisc	J T Ryerson & Son Inc	500 S. 4th St, Milwaukee 1, Wisc	GL3-8000
	RYPINSKI CO., C A	**2005 N Fair Oaks Ave. Pasadena, Cal**	**MU1-4423**
	C Rypinski, Jr #4 *41 B 670		
DC	Arco Engineering Co	733 15th St, NW, Washington 5	EX3-1796
Ill	W L Cummingham	435 Addison Ave, Elmhurst	TE2-0605
NJ	F F Sylvester Associates	649 Morris Ave, Springfield	DR9-2024
	RYTRON CO., INC	**7381 Lankershim Blvd, N. Hollywood, Cal**	**TR7-0663**
	D Shaw #6 *100 D 320-450-670-895-1855		
	S & A ELECTRONICS INC	**1025 Nevada St, Toledo 5, Ohio**	**OX3-7521**
	G Saffron #2 *24 D 45		
Cal	Possner Co	5780 Washington Blvd, Culver City, Cal	
Cal	Logan & Logan Co	254 12th St, San Francisco, Cal	PL6-0992
Colo	Vimm & Co	P.O. Box 1025, Denver, Colo	TA5-4471
Ga	Paul Hayden Associates	P.C. Box 131, East Point, Ga	PO6-0291
Ill	Samuel J Wiley Co	2060 N. Birchwood Ave, Chicago, Ill	UP8-3313
Ill	H V Anagos Co	7915 Wolfe Ave, Belleville, Ill	CE1-1863
Md	Simon-Platt Assoc	1134 Darby Rd, Havertown, Pa	SU9-7111
Mass	Norman R Loomis	P.O. Box 135, Melrose, Mass	NO5-7879
Mich	Wilson Sales Co	15930 Tenney Rd, Maple Heights, Ohio	MO2-3290
Minn	Nick J Link	3749 W Broadway, Minneapolis	JU8-4663
NY	Kubrick & Yurman	475 S Franklin, Hempstead	IV3-7231
NY	James C Schlitter Co	109 Boston Ave, Buffalo	HU6-6551
Ohio	Neal Bear Corp	3435 Streetsboro Rd, W. Richfield, Ohio	OL9-3331
Tex	Wyborny Sales Co	408 Merchandise Mart Bldg, Dallas, Tex	
For	E D Magnus & Assoc	398 W Randolph, Chicago, Ill	FR2-8785
	S-B POLARIMETERS	**Spencer Hill Rd, RD 2, Corning, NY**	**CO6-3561**
	S Bordick A 1210		
	S-E LABORATORIES LIMITED	**606 N. Feltham Trading Estate, Feltham, Middlesex, England**	**FE5876**
	R Kasler #8 *130 D 338-895-1100-1850		
	S N C MFG CO., INC	**P.O. Box 277, Oshkosh, Wisc**	**BE1-7370**
	V Young #3 *80 D 320-1855		
Ill	Henry Beckmann	2644 N. Western Ave, Chicago 47, Ill	BR8-4268
Minn	Scott Electronics Sales	5709 W 60th St, Minneapolis	WE9-2965
NJ	Simberkoff Sales Office	175 Oakwood Ave, Orange	OR4-4100
NY	Simberkoff Sales Office	175 Oakwood Ave, Orange, NJ	OR4-4100
Foreign	Hill-Stare Inc	549 W. Wash Blvd, Chicago, Ill	AN2-8420
	STL PRODUCTS	**8929 S. Sepulveda Blvd. LA 45, Cal**	**OR1-7621**
	W Schenck #10 *30 E		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	SAFE-T-MIKE CORP	**2904 Chapman St, Oakland 1, Cal**	**KE2-6373**
	V Kronenberg #4 *60 D 220		
Ala	Electric Motor Materials	201 Virginia St, Mobile	HE2-1612
Ariz	Electrical Specialty Co	2020 E. 12th St, Los Angeles, Cal	AN9-9511
Ark	Houston Industrial Supply Co	1902 Bell St, Houston, Tex	CA8-6663
Ark	John H Cole Co	1025 W. Main, Oklahoma City 2, Okla	
Cal	Electrical Specialty Co	158 11th St, San Francisco, Cal	HE1-8450
Cal	Electrical Specialty Co	2020 E. 12th St, Los Angeles, Cal	AN9-9511
Colo	Electrical Specialty Co	2026 Arapahoe St, Denver 5, Colo	CH4-4588
Conn	Robert McKeown Co	99 Dorsa Ave, Livingston, NJ	WY2-0700
Del	Robert McKeown Co	99 Dorsa Ave, Livingston, NJ	WY2-0700
Idaho	Electrical Specialty Co	2020 E. 12th St, Los Angeles, Cal	AN9-9511
Ill	Edward J Heth Inc	605 W. Washington Blvd, Chicago, Ill	FR2-4743
Ind	Edward J Heth Inc	605 W. Washington Blvd, Chicago, Ill	FR2-4743
Iowa	H O Hale	2119 S. 61st St, Omaha, Neb	JA6-002
Kan	Kimick Co	222 Olympia Dr, St. Louis, Mo	JA1-4877
Kan	H O Hale	2119 S. 61st St, Omaha, Neb	JA6-002
Ky	Kimick Co	222 Olympia Dr, St. Louis, Mo	JA1-4877
La	Houston Indl Supply Co	1902 Bell St, Houston, Tex	CA8-6663
Mich	L H Dickelman Co.	13450 Livernois, Detroit 21	UN4-4376
Minn	Edward J Heth Inc	605 W. Washington Blvd, Chicago, Ill	FR2-4743
Miss	Houston Indl Supply Co	1902 Bell St, Houston, Tex	CA8-6663
Mo	Kimick Co	222 Olympia Dr, St. Louis, Mo	JA1-4877
Mont	Electrical Specialty Co	2020 E. 12th St, Los Angeles, Cal	AN9-9511
Neb	H O Hale	2119 S. 61st St, Omaha, Neb	JA6-002
Nev	Electrical Specialty Co	2020 E. 12th St, Los Angeles, Cal	AN9-9511
NH	Bartlett Bearing Co	1713 N. St, Philadelphia, Pa	ST7-1170
NJ	Robert McKeown Co., Inc	99 Dorsa Ave, Livingston, NJ	WY2-0700
NM	Electrical Specialty Co	2020 E. 12th St, Los Angeles, Cal	AN9-9511
NY	Bartlett Bearing Co	1713 N. St, Philadelphia, Pa	ST7-1170
NY	Robert McKeown Co	99 Dorsa Ave, Livingston, NJ	WY2-0700
ND	H O Hale	2119 S. 61st St, Omaha, Neb	JA6-002
Ohio	Edward J Heth Inc	605 W. Washington Blvd, Chicago, Ill	FR2-4743
Okla	John H Cole Co	1025 W. Main, Oklahoma City 2, Okla	CE2-3171
Ore	Electrical Specialty Co	2020 E. 12th St, Los Angeles, Cal	AN9-9511
Pa	Bartlett Bearing Co	1713 N. St, Philadelphia, Pa	ST7-1170
RI	Bartlett Bearing Co	1713 N. St, Philadelphia, Pa	ST7-1170
SC	Houston Indl Supply Co	1902 Bell St, Houston, Tex	CA8-6663
SD	H O Hale	2119 S. 61st St, Omaha, Neb	JA6-002
Tenn	Kimick Co	222 Olympia Dr, St. Louis, Mo	JA1-4877
Tex	Houston Indl Supply Co	1902 Bell St, Houston, Tex	CA8-6063
Utah	J R Christensen Agency	247 E. 5th S., Salt Lake City, Utah	EM3-4419
Vt	Bartlett Bearing Co	1713 N. St, Philadelphia, Pa	ST7-1170
Va	Bartlett Bearing Co	1713 N. St, Philadelphia, Pa	ST7-1170
Wash	Electrical Specialty Co	3442 1st S., Seattle 4, Wash	MU2-3434
W. V	Bartlett Bearing Co	1713 N. St, Philadelphia, Pa	ST7-1170
Wisc	Edward J Heth Inc	605 W. Washington Blvd, Chicago, Ill	FR2-4743
Wyo	Electrical Specialty Co	2020 E. 12th St, Los Angeles, Cal	AN9-9511
Canada	Robinson Electric Co Ltd	1179 Homer, Vancouver 3, B C, Canada	MU5-5345
Canada	Electrical Rewinding Co	25 St. Joseph W., Quebec 8, Canada	
	SAFEWAY HEAT ELEMENT INC	**600 Middlefield St, Middletown, Conn**	**DI6-6601**
	J O'Rourke #9 *120 E 575		
Ala	Emmett Rushin Co	786 Mimosa Blvd, Roswell, Ga	6498
Ariz	Forsnes Engineering	1838 Flower St, Glendale, Cal	CH5-5171
Cal	Forsnes Engineering	1838 Flower St, Glendale, Cal	CH5-5171
Colo	Inland Assoc	1113 Saturn Dr, Colorado Springs	ME3-2050
Fla	Emmett Rushin Co	786 Mimosa Blvd, Roswell, Ga	6498
Ga	Emmett Rushin Co	786 Mimosa Blvd, Roswell, Ga	6498
Ill	Revere Engineering	1813-78th Ave, Elmwood Park, Ill	GL6-8793
Ind	Revere Engineering	1813 78th Ave, Elmwood Park, Ill	GL6-8793
Iowa	Inland Associates	6047 Howe Dr, Mission, Kan	EN2-2366
Kan	Inland Associates	6047 Howe Dr, Mission, Kan	EN2-2366
Mass	J W Lancaster Co	65 Concord St, Framingham, Mass	TR3-8893
Minn	Fred Peterson Co	2431 Hennepin Ave, Minneapolis, Minn	FR7-3025
Mo	Inland Associates	25 S. Bemiston Ave, Clayton, Mo	PA1-4435
Neb	Inland Associates	6047 Howe Dr, Mission, Kan	EN2-2366
NJ	Donald J Fisher Co	8 Depot Square, Englewood, NJ	LO9-0090
NY	Donald J Fisher Co	8 Depot Square, Englewood, NJ	LO9-0090
NC	Emmett Rushin Co	786 Mimosa Blvd, Roswell, Ga	6498
SC	Emmett Rushin Co	786 Mimosa Blvd, Roswell, Ga	6498
Tenn	Emmett Rushin Co	786 Mimosa Blvd, Roswell, Ga	6498
Tex	H B Ellison	Arlington, Tex	CR4-4031
Utah	Inland Associates	6047 Howe Dr, Mission, Kan	EN2-2366
Wash	Houston Co	N. Annex, Boeing Field, Seattle, Wash	PA5-1990
Wisc	Fred Peterson Co	2431 Hennepin Blvd, Minneapolis, Minn	FR7-3025
Wyo	Inland Associates	6047 Howe Dr, Mission, Kan	EN2-2366
	SAG HARBOR INDUSTRIES INC	**Bay Dr, Sag Harbor, NY**	**SA5-0440**
	S Miller *80 C 320-795		
Conn	A D Associates	891 Fulton St, Valley Stream, NY	VA5-8955
NJ	A D Associates	297 Greenbrook Rd, N. Plainfield	PL5-6766
NY	A D Associates	891 Fulton St, Valley Stream, NY	VA5-8955
Pa	A D Associates	297 Greenbrook Rd, N. Plainfield	PL5-6766
	SAGE-CRAFT INC	**Norwich, NY**	**4-6118**
	320-338-895-1810		
•	**SAGE ELECTRONICS CORP**	**Country Club Rd, E. Rochester, NY**	**LU6-8010**
	A Mills #3 *65 D 1475		
Ala	Al Martin	711 Magnolia Ave, Orlando, Fla	GA4-6298
Ariz	M A Stolaroff Co, Inc	4622 W. Slauson Ave, L A 43, Cal	AX3-6226
Cal	M A Stolaroff Co, Inc	4622 W. Slauson Ave, Los Angeles 43	AX3-6226
Cal	Hugh Gray Co	2166 Market St, San Francisco, Cal	KL2-1777
Colo	Spicer-Lindsay Associates	4960 E. Evans Ave, Denver 22, Colo	SK6-0627
Conn	Todino Engineering Sales Inc	50 Kearney Rd, Needham Heights, Mass	HI4-7925
Conn	John L Jopson	P.O. Box 291, W. Hartford, Conn	AD2-9532
Del	William M Jones Co, Inc	1107 Echo Ct, N., Towson 4, Md	VA3-5721
Fla	Al Martin	711 Magnolia Ave, Orlando, Fla	GA4-6298
Ga	Al Martin	711 Magnolia Ave, Orlando, Fla	GA4-6298
Idaho	[illegible]	Box 225, Idaho Falls, Idaho	JA2-7592
Ill	John G Twist Co, Inc	5232 W. Diversey Ave, Chicago 39, Ill	SP7-2250
Ill	E B Schwerin Co	4210 Main St, Kansas City 11, Mo	WE1-7564
Ill	Jerry Vrbik Co	419 Third St, S.E., Cedar Rapids, Iowa	EM5-0461
Ind	R G Frederick Co	1901 Harris St, S., Ft. Wayne, Ind	HA8641
Iowa	Jerry Vrbik Co	419 Third St, S.E., Cedar Rapids, Iowa	EM5-0461
Kan	E B Schwerin Co	4210 Main St, Kansas City 11, Mo	WE1-7564

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Me	Todino Engineering Sales Inc	50 Kearney Rd, Needham Heights, Mass	HI4-7925
Me	John L Jopson	P O Box 291, W. Hartford, Conn	AD2-9532
Md	William M Jones Co., Inc	1107 Echo Ct, N., Towson 4, Md	VA3-5721
Mass	Todino Engineering Sales Inc	50 Kearney Rd, Needham Heights, Mass	HI4-7925
Mass	John L Jopson	P.O. Box 291, W. Hartford, Conn	AD2-9532
Mich	Grant Shaffer Co	14241 Fenkell Ave, Detroit 27, Mich	BR3-5390
Minn	Jerry Vrbik Co	419 Third St, S.E., Cedar Rapids, Iowa	EM5-0461
Mo	E B Schwerin Co	4210 Main St, Kansas City 11, Mo	WE1-7564
Neb	E B Schwerin Co	4210 Main St, Kansas City 11, Mo	WE1-7564
Nev	M A Stolaroff Co, Inc	4622 W. Slauson Ave, Los Angeles 43, Cal	AX3-6226
Nev	Hugh Gray Co.	2166 Market St, San Francisco, Cal	KL2-1777
NH	Todino Engineering Sales Inc	50 Kearney Rd, Needham Heights, Mass	HI4-7925
NH	John L Jopson	P.O. Box 291, W. Hartford, Conn	AD2-9532
NJ	William M Jones Co., Inc	1107 Echo Ct. N., Towson 4, Md	VA3-5721
NJ	Comtronic Assoc	1551 Franklin Ave, Mineola, NY	PI1-8966
NM	Spicer-Lindsay Associates	4960 E. Evans Ave, Denver 22, Colo	SK6-0627
NY	Comtronic Assoc	1551 Franklin Ave, Mineola	PI1-8966
NY	Reed-Tollefson Corp	2615 Monroe Ave, Rochester 18, NY	HI5-0450
NY	Reed-Tollefson Corp	2005 Country Club Rd, Endicott, NY	PI8-7391
NY	Sam R Leonard	Alexander, NY	FI3-5050
NC	Walter Callaway	1437 Kenilworth Dr, S.W., Atlanta, Ga	PL5-5318
Ohio	Walter J Brauer & Associates	15631 Lakewood Hgts Blvd, Cleveland 7	LA1-7268
Okla	Howell Sales Inc	235 SE 14th St, Grand Prairie, Tex	CR4-4530
Ore	Seattronics Inc	1817 Norman St, Seattle 44, Wash	EA3-8545
Pa	William M Jones Co., Inc	1107 Echo Ct. N., Towson 4, Md	VA3-5721
Pa	Walter J Brauer & Associates	15631 Lakewood Hgts Blvd, Cleve, Ohio	LA1-7268
RI	Todino Engineering Sales Inc	50 Kearney Rd, Needham Hghts, Mass	HI4-7925
RI	John L Jopson	P.O. Box 291, W. Hartford, Conn	AD2-9532
SC	Walter Callaway	1437 Kenilworth Dr, S.W., Atlanta, Ga	PL5-5318
Tenn	Walter Callaway	1437 Kenilworth Dr, S.W., Atlanta, Ga	PL5-5313
Tex	Howell Sales Inc	235 SE 14th St, Grand Prairie	CR4-4530
Utah	Spicer-Lindsay Associates	4960 E. Evans Ave, Denver 22, Colo	SK6-0627
Vt	Todino Engineering Sales Inc	50 Kearney Rd, Needham Hghts, Mass	HI4-7925
Vt	John L Jopson	P.O. Box 291, W. Hartford, Conn	AD2-9532
Va	William M Jones Co., Inc	1107 Echo Court, N., Towson 4, Md	VA3-5721
Wash	Seattronics Inc	1817 Norman St, Seattle 44, Wash	EA3-8545
Wisc	John G Twist Co., Inc	5232 W. Diversey Ave, Chicago 39, Ill	SP7-2250
Wyo	Spicer-Lindsay Associates	4960 E. Evans Ave, Denver 22, Colo	SK6-0627
Canada	Electromechanical Products	Markham Rd, Agincourt, Ontario, Can	AX3-7011
	SAGE LABORATORIES, INC	**3 Huron Dr, East Natick, Mass**	**OL3-0844**
	W Kennedy #7 *54 D 25-845-1135		
Ariz	Thorson Co., The	444 Olive St, San Diego, Cal	CY8-8385
Ariz	Thorson Co	7361 Melrose Ave, Los Angeles 46, Cal	WE4-1191
Ark	Texas Avionics Co	4515 Prentice St, Dallas 6, Tex	EM8-3566
Cal	Thorson Co	7361 Melrose Ave, Los Angeles 46, Cal	WE4-1191
Cal	Thorson Co., The	2443 Ash St, Palo Alto	DA1-2414
Cal	Thorson Co., The	444 Olive St, San Diego	CY8-8385
Colo	Thorson Co., The	3600 S Lincoln St, Englewood	SU9-1841
Del	C E Snow Co	8218 Wisconsin Ave, Bethesda, Md	OL4-1767
DC	C E Snow Co	8218 Wisconsin Ave, Bethesda, Md	OL4-1767
Ill	W F Marsh Co	244 Chicago Ave, Oak Park	EU6-2967
Ind	W F Marsh Co	244 Chicago Ave, Oak Park, Ill	EU6-2967
Iowa	W F Marsh Co	244 Chicago Ave, Oak Park, Ill	EU6-2967
La	Texas Avionics Co	4515 Prentice St, Dallas 6, Tex	EM8-3566
Md	C E Snow Co	8218 Wisconsin Ave, Bethesda, Md	OL4-1767
Nev	Thorson Co	7361 Melrose Ave, Los Angeles 46, Cal	WE4-1191
NJ	F & F Associates	15 Dorchester Rd, Emerson, NJ	MU7-6477
NY	F & F Associates	297 Cherry Pl, E. Meadow, NY	MU7-6477
NY	E W Stone Co	308 Merritt Ave, Syracuse 7, NY	HO9-3825
Okla	Texas Avionics Co	4515 Prentice St, Dallas, Tex	EM8-3566
Ore	Thorson Co	1767 15th Ave, S., Seattle 44, Wash	EA5-5000
Pa	C E Snow Co	919 E. Phil-Ellena St, Phila 50, Pa	LI8-8043
Tex	Texas Avionics Co	4515 Prentice St, Dallas	EM8-3566
Utah	Thorson Co	7361 Melrose Ave, Los Angeles 46, Cal	WE4-1191
Va	C E Snow Co	8218 Wisconsin Ave, Bethesda, Md	OL4-1767
Wash	The Thorson Co	1767 15th Ave, S., Seattle 44, Wash	EA5-5000
Wisc	W F Marsh Associates	308 N. Scoville Ave, Oak Park, Ill	EU6-2967
For	Donald J Moore, Inc	Box 146, Wellesley 81, Mass	
	ST JOHN X-RAY LABORATORY	**Califon, NJ**	
	895-1400		
	ST. MARYS CARBON CO	**State Rd, St. Marys, Pa**	**TE4-2844**
	J Leazel Jr #6 *170 E 160-175-670-760-1545		
Ariz	Bearing Engineers Inc	3511 S. Figueroa St, Los Angeles 7, Cal	RI92-193
Cal	Bearing Engineers Inc	3511 S. Figueroa St, Los Angeles 7, Cal	RI92-193
Conn	Masten-Wright Corp	Box 1896, New Haven 5, Conn	AT8-1638
Fla	DuBovy Assoc	610 Orange Ave, Orlando	
Ill	W J Distler	1629 Plainfield Rd, LaGrange, Ill	CH65-227
Ind	W J Distler	1629 Plainfield Rd, LaGrange, Ill	CH65-227
Iowa	Palmer Still	9415 Old Bonhomme Rd, St. Louis, Mo	WY3-2077
Kan	Palmer Still	9415 Old Bonhomme Rd, St. Louis, Mo	WY3-2077
Mass	Masten-Wright Corp	Box 1896, New Haven 5, Conn	AT8-1638
Mich	W J Distler	1629 Plainfield Rd, LaGrange, Ill	CH65-227
Mo	Palmer Still	9415 Old Bonhomme Rd, St. Louis, Mo	WY3-2077
Neb	Palmer Still	9415 Old Bonhomme Rd, St. Louis, Mo	WY3-2077
Nev	Bearing Engineers Inc	3511 S. Figueroa St, Los Angeles 7, Cal	RI92-193
NM	Bearing Engineers Inc	3511 S. Figueroa St, Los Angeles 7, Cal	RI92-193
Ohio	Tri State Mine Supply	72 N Gallatin Ave, Uniontown, Pa	
Ohio	W A Cameron	6706 Berry Ave, Cincinnati, Ohio	EL12-772
Pa	Tri State Mine Supply	72 N Gallatin Ave, Uniontown	
Pa	C A Bennett Jr	2030 Country Club Dr, McKeesport, Pa	OR25-083
Va	Tri State Mine Supply	72 N Gallatin Ave, Uniontown, Pa	
W VA	West Virginia Armature	Bluefield, W Va	
Wisc	W J Distler	1629 Plainfield Rd, LaGrange, Ill	CH65-227
	SAN DIEGO SCIENTIFIC CORP	**3434 Midway Dr, San Diego 10, Cal**	**AC3-7154**
	330-338-440-895		
	SAN FERNANDO ELEC MFG CO	**1509 First St, San Fernando, Cal**	**EM1-8681**
	L Smith #6 *175 E 215-220-670-1330		
Ariz	Ruby Sales	1535 1st St, San Fernando, Cal	EM1-1201
Cal	Ruby Sales	1535 1st St, San Fernando	EM1-1201
Conn	John Hines Co	1181 Long Hill Rd, Cheshire	BR2-8747
Del	John Hines Co	1181 Long Hill Rd, Cheshire, Conn	BR2-8747
DC	Stuart Warren Mount	National Press Bldg, Washington	ME8-0221

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Fla	Alfred Gary Inc	1418 Lake Daniel Dr, Orlando	GA4-8865
Ill	KalDell Sales Associates	6140 N Lincoln Ave, Chicago 45	IR8-7520
Ind	Warner-Kester & Associates	P O Box 338, South Whitley	723-5353
Iowa	H A Roes & Co	2601 Cherry St, Kansas City 8, Mo	BA1-0866
Kan	H A Roes & Co	2601 Cherry St, Kansas City 8, Mo	BA1-0866
Ky	Warner-Kester & Associates	P O Box 338, South Whitley, Ind	723-5353
Me	John Hines Co	1181 Long Hill Rd, Cheshire, Conn	BR2-8747
Md	Valley Electronics Inc	1735 E. Joppa Rd, Towson, Md	VA5-7820
Mass	John Hines Co	1181 Long Hill Rd, Cheshire, Conn	BR2-8747
Mich	Reichold Associates	19 Monroe Ave, Grand Rapids	GL1-1449
Minn	Stan Clothier Co., Inc	12 W. 50th St, Minneapolis, Minn	TA5-1234
Mo	H A Roes & Co	2601 Cherry, Kansas City 8, Mo	BA1-0866
Mo	R F Carlson & Co	2964 Lasalle Rd, St Louis 24	PA5-4122
Neb	H A Roes & Co	2601 Cherry St, Kansas City 8, Mo	BA1-0866
Nev	Ruby Sales	1535 1st St, San Fernando, Cal	EM1-1201
NH	John Hines Co	1181 Long Hill Rd, Cheshire, Conn	BR2-8747
NJ	A L Livera & Associates Inc	2 Green Village Rd, Madison, NJ	FR7-3220
NJ	Andrew A Fohy Associates	P.O. Box 155, Moorestown, NJ	HO3-4545
NY	A L Livera & Associates Inc	15-51 Franklin Ave, Mineola, NY	PI1-7044
NY	Fowler Beach Corp	3700 East Ave, Rochester, NY	LU-0491
NC	Stuart Warren Mount	National Press Bldg, Washington, DC	ME8-0221
Ohio	R G Sidnell & Co	1229 Westlake Ave, Cleveland 7, Ohio	AC1-1313
Ore	Emerson F Reiber Co	P O Box 1621, Seattle 55, Wash	AT4-0720
Pa	R G Sidnell & Co	675 Princeton Blvd, Pittsburgh 21	CH2-1476
RI	John Hines Co	1181 Long Hill Rd, Cheshire, Conn	BR2-8747
Vt	John Hines Co	1181 Long Hill Rd, Cheshire, Conn	BR2-8747
Va	Valley Electronics	1735 E Joppa Rd, Towson, Md	VA5-7820
Wash	Emerson F Reiber Co	P O Box 1621, Seattle 55	AT4-0720
W Va	Valley Electronics	1735 E Joppa Rd, Towson, Md	VA5-7820
Wis	Ka Dell Sales Assoc	6140 N Lincoln Ave, Chicago 45	IR8-7520
•	**SANBORN CO**	**175 Wyman St, Waltham 54, Mass**	**TW4-6300**
	S Bilewich #30 *950 G 338-895-1585		
Ala	Bivins & Caldwell Inc	Huntsville	882-6873
Alaska	Arva Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
Ariz	Neely Enterprises	641 E. Missouri Ave, Phoenix, Ariz	CR4-5431
Ariz	Neely Enterprises	232 S. Tucson Blvd, Tucson, Ariz	MA3-2564
Ark	Earl Lipscomb Associates	3605 Inwood Rd, Dallas 9, Tex	FL7-1881
Cal	Neely Enterprises	3939 Lankershim Blvd, N. Hollywood	TR7-0721
Cal	Neely Enterprises	501 Laurel St, San Carlos, Cal	LY1-2626
Cal	Neely Enterprises	1317 15th St, Sacramento, Cal	GI2-8901
Cal	Neely Enterprises	1055 Shafter St, San Diego 6, Cal	AC3-8106
Colo	Williams & Associates	2261 S. Albion St, Denver, Colo	SK6-9403
Conn	Yewell Associates Inc	1101 E. Main St, Bridgeport, Conn	FO6-3456
Del	Horman Associates Inc	941 Rollins Ave, Rockville, Md	HA7-7560
DC	Horman Associates Inc	941 Rollins Ave, Rockville, Md	HA7-7560
Fla	Stiles Associates Inc	1226 E. Colonial Dr, Orlando, Fla	GA2-4524
Ga	Bivins & Caldwell Inc	3133 Maple Dr, N.E., Atlanta 5, Ga	CE3-7522
Idaho	Arva Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
Ill	Crossley Associates Inc	2711 W. Howard St, Chicago 45, Ill	SH3-8500
Ind	Crossley Associates Inc	5420 N. College Ave, Indpls, Ind	CL1-9255
Iowa	Crossley Associates Inc	2711 W. Howard St, Chicago 45, Ill	SH3-8500
Kan	Harris-Hanson Co	2814 S. Brentwood Blvd, St. Louis, Mo	MI7-4350
Ky	Bivins & Caldwell Inc	1923 N. Main St, High Point, NC	HI2-6873
La	Earl Lipscomb Associates	3605 Inwood Rd, Dallas 9, Tex	FL7-1881
Me	Yewell Associates Inc	Middlesex Tnpk, Burlington, Mass	BR2-9000
Md	Horman Associates Inc	941 Rollins Ave, Rockville, Md	HA7-7560
Md	Horman Associates Inc	3006 W. Cold Spring Ln, Baltimore 15	MO4-8345
Mass	Yewell Associates Inc	Middlesex Tnpk, Burlington, Mass	BR2-9000
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit 35, Mich	BR3-2900
Minn	Crossley Associates Inc	842 Raymond Ave, St. Paul 14, Minn	MI6-7881
Miss	Earl Lipscomb Associates	3605 Inwood Rd, Dallas 9, Tex	FL7-1881
Mo	Harris-Hanson Co	2014 S. Brentwood Blvd, St. Louis 17	MI7-4350
Mo	Harris-Hanson Co	7916 Paseo Ave, Kansas City 31, Mo	HI4-9494
Mont	Arva Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
Neb	Crossley Associates Inc	2711 W. Howard St, Chicago 45, Ill	SH3-8500
Nev	Neely Enterprises	3939 Lankershim Blvd, N Hollywood, Cal	TR7-0721
NH	Yewell Associates Inc	Middlesex Tnpk, Burlington, Mass	BR2-9000
NJ	G Curtis Engel & Associates	210 S. Broad St, Ridgewood, NJ	GI4-1400
NM	Neely Enterprises	6501 Lomas Blvd, N.E., Albuquerque, NM	AL5-5586
NM	Neely Enterprises	114 S. Water St, Las Cruces, NM	JA6-2486
NY	Edward A Ossmann & Associates Inc	830 Linden Ave, Rochester 10, NY	LU6-4940
NY	Edward A Ossmann & Associates Inc	149 Front St, Vestal, NY	ST5-0296
NY	Edward A Ossmann & Associates Inc	2363 James St, Syracuse, NY	HE7-8446
NY	G Curtis Engel & Associates	210 S. Broad St, Ridgewood, NJ	RE2-0291
NC	Bivins & Caldwell Inc	1923 N. Main St, High Point, NC	HI2-6873
ND	Crossley Associates Inc	2711 W. Howard St, Chicago 45, Ill	SH3-8500
Ohio	S Sterling Co	363 W. First St, Dayton, Ohio	BA8-8734
Ohio	S Sterling Co	5827 Mayfield Rd, Cleveland 24, Ohio	HI2-8080
Okla	Earl Lipscomb Associates	3605 Inwood Rd, Dallas 9, Tex	FL7-1881
Ore	Arva Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
Pa	I E Robinson Co	7404 W. Chester Pike, Upper Darby, Pa	FL2-0117
Pa	I E Robinson Co	2120 Market St, Camp Hill, Pa	RE7-6791
Pa	S Sterling Co	4024 Clairton Blvd, Pittsburgh, Pa	TU4-5515
RI	Yewell Associates Inc	Middlesex Tnpk, Burlington, Mass	BR2-9000
SC	Bivins & Caldwell Inc	1923 N. Main St, High Point, NC	HI2-6873
SD	Crossley Associates Inc	2711 W. Howard St, Chicago 45, Ill	SH3-8500
Tenn	Bivins & Caldwell	1923 N. Main St, High Point, NC	HI2-6873
Tex	Earl Lipscomb Associates	3605 Inwood Rd, Dallas 9, Tex	FL7-1881
Utah	Williams & Associates	320 E. 4th, S., Salt Lake City, Utah	EM4-6844
Vt	Yewell Associates Inc	Middlesex Tnpk, Burlington, Mass	
Va	Bivins & Caldwell	1219 High Point Ave, Richmond 30, Va	EL5-7931
Wash	Arva Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
W. Va	S Sterling Co	4024 Clairton Blvd, Pittsburgh, Pa	TU4-5515
Wisc	Crossley Associates Inc	2711 W. Howard St, Chicago 45, Ill	SH3-8500
Wyo	Williams & Associates	2261 S. Albion St, Denver 4, Colo	SK6-9403
Canada	U-7 Marine Bldg	355 Burrard St, Vancouver 1, BC	MU2-4323
Canada	R-O-R Associates	1470 Don Mills Rd, Don Mills, Ontario, Can	HI4-4429
Foreign	Frazar Co., Inc	30 W. 42nd St, New York 36, NY	BR9-9422
•	**SANDERS ASSOCIATES INC**	**95 Canal St, Nashua, NH**	**TU3-3321**
	8420 *1,900 G 15-35-45-185-155-190-280-380-470-650-670-775-780-795-895-1075-1135-1395-1425-1630-1850-1970-1980		
Ariz	Jackson Edwards Co	3840 N. Jokake Dr, Scottsdale, Ariz	WH5-4290
Cal	Jackson Edwards Co	4101 Lankershim Blvd, N. Hollywood, Cal	TR7-9603
Cal	F W Moultrop Co	1530 E. 12th St, Oakland	KA1-7676
Colo	Hyde Electronics Co	885 S. Logan St, Denver 23, Colo	WE5-3456
Idaho	Burt Porter Inc	P. O. Box 7654, Portland 12, Ore	AT4-1718

• INDICATES ADVERTISERS IN THIS ISSUE

FOR EXPLANATION OF SYMBOLS # * A 15 SEE PG. M

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ill	Russ Diethert Co., Inc	2030 W. Montrose, Chicago 18, Ill	LO1-7627
Ind	Russ Diethert Co., Inc	2030 W. Montrose, Chicago 18, Ill	LO1-7627
Iowa	Automatic Gen Electronic Sales Inc	6550-B Troost Ave, Kansas City 31, Mo	DE3-8206
Kan	Automatic Gen Electronic Sales Inc	8890 Lackland Rd, Overland 14, Mo	HA8-3934
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit 35	BR3-7900
Minn	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis 16	WE9-6727
Mo	Automatic Gen Electronic Sales Inc	8890 Lackland Rd, Overland 14, Mo	HA8-3934
Mont	Burt Porter Inc	1209 Poplar Pl, Seattle 44, Wash	EA3-8370
Neb	Automatic Gen Electronic Sales Inc	6550-B Troost Ave, Kansas City 31, Mo	DE3-8206
Nev	F W Muehlner Co	1530 E. 12th St, Oakland, Cal	NA1-7676
NJ	Louis A Carter & Assoc	376 Passaic Ave. Caldwell	CA6-7800
NM	Hyde Electronics Co	5206 Constitution Ave, N.E., Albuquerque	AM8-1111
NC	Russ Diethert Co, Inc	Box 510, Gastonia	UN5-3771
ND	Fred B Hill Co	6110 Excelsior Blvd, Minnpls 16, Minn	WE9-6727
Ohio	Arthur H Baier Co	18224 S. Miles Pkwy. Cleve 28	GH5-3050
Ohio	Arthur H Baier Co	384 W. First St, Dayton 2, Ohio	BA8-5493
Ore	Burt Porter Inc	1507 NE. Multnomah, Portland 12	AT4-1718
Pa	Louis A Carter & Associates	730 Washington Ln, Jenkintown, Pa	WA7-1200
Pa	Gene S Root Co	733 Valleevista Ave, Pittsburgh 34, Pa	LO1-4125
SD	Fred B Hill Co	6110 Excelsior Blvd, Minnpls 16, Minn	WE9-6727
Utah	Hyde Electronics Co	2953 Connor St, Salt Lake City 9, Utah	IN7-5763
Wash	Burt Porter Inc	1209 Poplar Pl, Seattle 44, Wash	EA3-8370
W. Va	Gene S Root Co	733 Valleevista Ave, Pittsburgh 34, Pa	LO1-4125
Wisc	Russ Diethert Co., Inc	1324 W. Wisconsin Ave, Milwaukee, Wisc	DI2-7494
Foreign	Ad Auriema Inc	85 Broad St, New York 4, NY	BO9-7750
	SANFORD MILLER CO	**11 Lynch St, Brooklyn 11, NY**	**UL8-2817**
	S Miller #1 *6 B 320-1445		
	SANFORD PLASTICS CORP	**New Brunswick/Charles St, Matawan, NJ**	**LO6-3900**
	1285-1290		
	SANGAMO ELECTRIC CO	**1201 N. 11 St, Springfield, Ill**	**KI4-6411**
	G DeKoster #62 *4000 G 155-270-320-365-380-450-550-670-895-915-1135-1165-1340-1430-1435-1595-1655-1865		
Ala	Cartwright & Bean	3223 Cain's Hill Pl. NW Atlanta 5, Ga	CE7-2273
Ariz	Sangamo Elect. Co	1831 W. Pico Blvd. LA 6, Cal	DU7-2336
Ark	Cartwright & Bean	821 Poniatta St, New Orleans, La	HU8-2264
Cal	Sangamo Electric Co	1831 W. Pico Blvd. LA	DU7-2336
Colo	R E Cathey Co	1789 Fulton St. Denver 8	FR7-3740
Conn	Hathaway Electronics Inc	Duoline Bldg. Canaan	TA4-7215
Del	F Edwin Schmitt Co	136 Liberty St, NY 6, NY	WO2-6550
DC	Sangamo Electric Co	1425 H St. NW. Wash 5	RE7-8137
Fla	Cartwright & Bean	2505 Nancy St, Orlando	GA5-8284
Ga	Cartwright & Bean	3223 Cain's Hill Pl, N.W., Atlanta, Ga	CE7-2273
Haw	L A Watt Co	1061 Howard St. SF 3, Cal	HE1-4738
Idah	Richard Legg Co	1631 NW. 21st Ave. Portland 9, Ore	CA3-9720
Ill	Sangamo Electric Co	7418 W. Belmont, Chicago 34	ME7-2656
Ind	Sangamo Electric Co	617 Hulman Bldg, Dayton 2, Ohio	BA3-1671
Iowa	Sangamo Electric Co	4950 Excelsior Blvd. Mnpls 16, Minn	WA6-9800
Ky	Sangamo Electric Co	617 Hulman Bldg. Dayton 2, Ohio	BA3-1671
La	Cartwright & Bean	821 Poniatta St. New Orleans	HU8-2264
Me	Hathaway Electronics Inc	238 Main St. Cambridge 42, Mass	KI7-0380
Md	F Edwin Schmitt Co	136 Liberty St. NY 6, NY	WO2-6550
Mass	Hathaway Electronics Inc	238 Main St. Cambridge 42, Mass	KI7-0380
Mich	Grant Shaffer Co	14241 Fenkell Ave, Detroit 27, Mich	BR3-5780
Minn	Sangamo Electric Co	4950 Excelsior Blvd, Minneapolis 16	WA6-9800
Miss	Cartwright & Bean	363 Cooper St, Memphis, Tenn	BR6-4442
Mont	R Legg Co	1631 NW. 21st Ave. Portland 9, Ore	CA3-9720
Nev	L A Watt Co	1061 Howard St. SF, Cal	HE1-4738
NH	Hathaway Electronics	238 Main St. Cambridge, Mass	KI7-0380
NJ	F Edwin Schmitt Co	136 Liberty St. NY 6, NY	WO2-6550
NM	Paul A Clark	1321 San Pedro Dr. NE. Albuquerque	AM8-8604
NY	F Edwin Schmitt Co	136 Liberty St, New York 6, NY	WO2-6550
NC	Cartwright & Bean	3223 Cain's Hill Pl. NW, Atlanta 5, Ga	CE7-2273
ND	Sangamo Electric Co	4950 Excelsior Blvd. Mnpls, Minn	WA6-9800
Ohio	Sangamo Electric Co	617 Hulman Bldg. Dayton 2	BA3-1671
Okla	Sangamo Electric Co	1301 Fid. Union Life Bldg. Dallas, Tex	RI7-1490
Ore	Richard Legg Co	1631 N.W. 21st Ave, Portland 9, Ore	CA3-9720
Pa	F Edwin Schmitt Co	136 Liberty St. NY 6, NY	WO2-6550
RI	Hathaway Electronics	238 Main St. Cambridge 42, Mass	KI7-0380
SC	Cartwright & Bean	3223 Cain's Hill Pl. NW. Atlanta 5, Ga	CE7-2273
SD	Sangamo Electric Co	4950 Excelsior Blvd. Mnpls, Minn	WA6-9800
Tenn	Cartwright & Bean	363 Cooper St, Memphis, Tenn	BR6-4442
Tex	Sangamo Electric Co	1301 Fidelity Union Life Bldg. Dallas 1	RI7-1490
Tex	Sangamo Electric Co	4207 Bellaire Blvd. Houston 25, Tex	MA3-3933
Utah	A W Bradford	544 E. 400 S. Salt Lake City	AM6-2890
Vt	Hathaway Electronic Inc	238 Main St. Cambridge 42, Mass	KI7-0380
Va	Cartwright & Bean	363 C. Cooper St. Memphis, Tenn	BR6-4442
Wash	Richard Legg Co	1165 6th Ave. S. Seattle 4	MU2-7763
W Va	Sangamo Electric Co	1839 Illuminating Bldg. Cleve 13, Ohio	PR1-3161
Wis	Sangamo Electric Co	4950 Excelsior Blvd. Mnpls 16, Minn	WA6-9800
Wyo	R E Cathey Co	1789 Fulton St. Denver 8, Colo	FR7-3740
For	Sangamo International	150 Church St. NY 7, NY	WO4-7754
	SANTA FE INSTRUMENTS INC	**2343 Jerome Ave. NY 68, NY**	**LU4-8900**
	V Service #3 *50 D 390-755-995-1150		
	SARGENT ELECTRIC CORP	**23-16 40th Ave. LIC 1, NY**	**EX2-3742**
	P Greene #2 *50 B 1735		
Ariz	Hyde Electronics Co., Inc	2902 W. Villa St, Phoenix, Ariz	AP8-2286
Colo	Hyde Electronics Co., Inc	880 E. Lipan St, Denver 23, Colo	WE6-3496
Conn	Zaslow Sales Co	308 Foxcroft Rd, W. Hartford, Conn	AD6-3265
Del	S K Macdonald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
Idaho	Hyde Electronics Co., Inc	2953 Connor St, Salt Lake City 9, Utah	IN7-5763
Ill	The Sittler Co	38 N. Ada St, Chicago 7, Ill	SE3-4616
Me	Zaslow Sales Co	308 Foxcroft Rd, W. Hartford, Conn	AD6-3265
Md	S K Macdonald Inc	2516 Wilford Rd, Baltimore 14, Md	ID5-1760
Mass	Zaslow Sales Co	308 Foxcroft Rd, W. Hartford, Conn	AD6-3265
Mont	Hyde Electronics Co., Inc	2953 Connor St, Salt Lake City 9, Utah	IN7-5763
NH	Zaslow Sales Co	308 Foxcroft Rd, W. Hartford, Conn	AD6-3265
NY	Mills Talbot & Co	One Flint St, Rochester 8, NY	GE6-2860
Ohio	Hiltebrant-Greenleaf Co	8905 Lake Ave, Cleveland 2, Ohio	OL1-4500
Pa	Samuel K MacDonald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
RI	Zaslow Sales Co	308 Foxcroft Rd, W. Hartford, Conn	AD6-3265
Tex	Gordon V Pratt Co	100 Casa Linda Pl, Dallas	DI8-4725
Vt	Zaslow Sales Co	308 Foxcroft Rd, W. Hartford, Conn	AD6-3265
Wisc	The Sittler Co	38 N. Ada St, Chicago 7, Ill	SE3-4616

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	SARGENT & GREENLEAF INC	**24 Seneca Ave. Rochester, NY**	**HO7-3200**
	J Williams #5 *275 E 25-195-250-330-360-440-555-670-895-1130-1135-1315-1435-1450		
Ala	Buchanan & Abrams Assoc. Inc	Box 6026, Orlando, Fla	
Cal	Logan & Stone	1485 Bayshore Blvd, San Francisco 4	
Conn	Richter Assoc	645 E Washington St, Hanson, Mass	
Del	Victor S Malta Co	Box 4007, Philadelphia 18, Pa	
DC	Victor S Malta Co	Box 4007, Philadelphia 18, Pa	
Fla	Buchanan & Abrams Assoc. Inc	Box 6026, Orlando	
Ga	Buchanan & Abrams Assoc. Inc	Box 6026, Orlando, Fla	
Ill	Gordon Fixman Engineering Co	8160 Stanford Ave. St Louis 24, Mo	
Ind	Technical Sales Assoc	Talbot Tower, Dayton 2, Ohio	
Kan	Gordon Fixman Engineering Co	8160 Stanford Ave. St Louis 24, Mo	
Ky	Technical Sales Assoc	Talbot Tower, Dayton 2, Ohio	
La	E R Salter	708 Sidney St, Houston 3, Tex	
Me	Richter Assoc	645 E Washington St, Hanson, Mass	
Md	Victor S Malta Co	Box 4007, Philadelphia 18, Pa	
Mass	Richter Assoc	645 E Washington St, Hanson	
Miss	Buchanan & Abrams Assoc. Inc	Box 6026, Orlando, Fla	
Mo	Gordon Fixman Engineering Co	8160 Stanford Ave. St Louis 24	
Nev	Logan & Stone	1485 Bayshore Blvd, San Francisco 4, Cal	
NH	Richter Assoc	645 E Washington St, Hanson, Mass	
NJ	S & M Assoc	595 Broad Ave, Ridgefield	
NY	S & M Assoc	595 Broad Ave, Ridgefield, NJ	
NY	Wm Richter Corp	107 Dolores Terr. S, N Syracuse	
Ohio	Technical Sales Assoc	Talbot Tower, Dayton 2	
Okla	E R Salter	708 Sidney St, Houston 3, Tex	
Pa	Victor S Malta Co	Box 4007, Philadelphia 18	
RI	Richter Assoc	645 E Washington St, Hanson, Mass	
Tenn	Buchanan & Abrams Assoc. Inc	Box 6026, Orlando, Fla	
Tex	E R Salter	708 Sidney St, Houston 3	
Vt	Richter Assoc	645 E Washington St, Hanson, Mass	
Va	Wm Richter Corp	107 Dolores Terr. S, N Syracuse, NY	
Can	Canadian Electronics Ltd	108 St. - 107 Ave, Edmonton Alta	
Can	J J Mac Quarrie	46 St George St, Toronto 5, Ont	
	SARGENT-RAYMENT CO	**462 Hester Ave. San Leandro, Cal**	**KE6-5277**
	J Bocci #3 *35 C 45-895-1880		
Ala	William M Gray	1737 Beacon Hill Blvd, N.E., Atlanta, Ga	ME4-3227
Ariz	Jon Norbett	5733 Calle Silvosa, Tucson	MA2-1233
Ark	Antle-Smith Sales	2721 Brookfield, Dallas, Tex	FL7-7279
Cal	Heaton-Marco Assoc	413 Lathrop Ave, Redwood City	EM8-2866
Cal	Pacific Audio Sales Inc	1933 S. Broadway, Los Angeles 7, Cal	RI7-7314
Colo	John Rowe	8201 Saylor Ln, Westminster	HA9-4595
Conn	Donald Hankins	159 Huntington Ave, Boston 15, Mass	CO6-4041
Del	Harold A Meyer Co	P.O. Box 14, Haddonfield, NJ	HA9-7792
DC	Harold A Meyer Co	P.O. Box 14, Haddonfield, NJ	HA9-7792
Fla	Gus Jose & Assoc	2057 NW 17th St, N Miami Beach	WI7-6344
Ga	William M Gray	1737 Beacon Hill Blvd, N.E., Atlanta, Ga	ME4-3227
Idaho	John Rowe	8201 Saylor Ln, Westminster, Colo	HA9-4595
Ill	Gene T Clears Co	435 Indianwood Blvd, Park Forest, Ill	PI8-2259
Ind	Doug Conk & Assoc	3713 N Meridian St, Indianapolis	WA6-6611
Iowa	Arthur K Elliott	211 Westport Rd, Kansas City 11, Mo	LO1-9597
Kan	Arthur K Elliott	211 Westport Rd, Kansas City 11, Mo	LO1-9597
Ky	Doug Conk & Assoc	3713 N Meridian St, Indianapolis, Ind	WA6-6611
La	Antle-Smith Sales	2721 Brookfield, Dallas, Tex	FL7-7279
Me	Donald Hankins	159 Huntington Ave, Boston 15, Mass	CO6-4041
Md	Harold A Meyer Co	P.O. Box 14, Haddonfield, NJ	HA9-7792
Mass	Donald Hankins	159 Huntington Ave, Boston 15	CO6-4041
Minn	Gene T Clears Co	435 Indianwood Blvd, Park Forest, Ill	PI8-2259
Miss	William M Gray	1737 Beacon Hill Blvd, N.E., Atlanta, Ga	ME4-3227
Mo	Arthur K Elliott	211 Westport Rd, Kansas City, Mo	LO1-9597
Mont	John Rowe	8201 Saylor Ln, Westminster, Colo	HA9-4595
Neb	Arthur K Elliott	211 Westport Rd, Kansas City, Mo	LO1-9597
Nev	Heaton-Marco Assoc	413 Lathrop Ave, Redwood City, Cal	EM8-2866
Nev	Pacific Audio Sales	1933 S Broadway, Los Angeles 7, Cal	RI7-7314
NH	Donald Hankins	159 Huntington Ave, Boston 15, Mass	CO6-4041
NJ	Harold A Meyer Co	P.O. Box 14, Haddonfield, NJ	HA9-7792
NM	Jon Norbett	5733 Calle Silvosa, Tucson, Ariz	MA2-1233
NY	Sargent-Rayment Co	30 Rockefeller Plaza, New York	
NY	Gilbert E Miller Associates	47 Birchwood Park Dr, Jericho, NY	OV1-6[illegible]
NC	William M Gray	1737 Beacon Hill Blvd, N.E., Atlanta, Ga	ME4-3227
ND	Gene T Clears Co	435 Indianwood Blvd, Park Forest, Ill	PI8-2259
Ohio	John O Olsen Co	16201 Shaker Blvd, Cleveland 20, Ohio	SK2-5444
Okla	Antle-Smith Sales	2721 Brookfield, Dallas, Tex	FL7-7279
Ore	Paramount Technical Agencies	9210 28th N.W., Seattle, Wash	
Pa	Harold A Meyer Co	P.O. Box 14, Haddonfield, NJ	HA9-7792
RI	Donald Hankins	159 Huntington Ave, Boston 15, Mass	CO6-4041
SC	William M Gray	1737 Beacon Hill Blvd, N.E., Atlanta, Ga	ME4-3227
SD	Arthur K Elliott	211 Westpoint Rd, Kansas City 11, Mo	LO1-9597
Tenn	William M Gray	1737 Beacon Hill Blvd, N.E., Atlanta, Ga	ME4-3227
Tex	Antle-Smith Sales	2721 Brookfield, Dallas	FL7-7279
Utah	John Rowe	8201 Saylor Ln, Westminster, Colo	HA9-4595
Vt	Donald Hankins	159 Huntington Ave, Boston 15, Mass	CO6-4041
Va	Harold A Meyer Co	15 Merion Ave, Haddonfield, NJ	HA9-7792
Wash	Paramount Technical Agencies	9210 28th N.W., Seattle, Wash	
W. Va	John O Olsen Co	16201 Shaker Blvd, Cleveland 20, Ohio	SK2-5444
Wis	Gene T Clears Co	435 Indianwood Blvd, Park Forest, Ill	PI8-2259
Wyo	John Rowe	8201 Saylor Ln, Westminster, Colo	HA9-4595
Canada	R C Rahmert Sales Ltd	73 Crockford Blvd, Scarborough, Ontario	PL7-5171
Foreign	Singer Products Co., Inc	15 Moore St, New York 4, NY	WH4-8700
	SARKES TARZIAN BROADCAST EQUIPMENT DIV	**E. Hillside Dr, Bloomington, Ind**	**ED2-7251**
	F Ide #14 *110 E 200-365-895-1135-1425-1435-1870-1895-1910		
	SARKES TARZIAN, INC. MAGNETIC TAPE DIV	**E Hillside Dr. Bloomington, Ind**	**ED2-7251**
	7160		
Cal	W Bert Knight Co	10377 W Pico Blvd. Los Angeles	
Colo	Peyser & Co	1501 N Weber St, Colorado Springs	
Conn	Gerber Sales Co, Inc	Brookline, Mass	
Del	Brown-Frederick & Assoc. Inc	Glenside, Pa	
DC	Brown-Frederick & Assoc. Inc	Glenside, Pa	
Fla	Paul Hayden Assoc	East Point, Ga	
Ga	Paul Hayden Assoc	East Point	
Haw	Dougherty Enterprises	Kailua	
Idah	M K Widdekind Co	Seattle, Wash	
Ill	M Berman Assoc	Skokie	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ind	Southern Sales Co	Angola	
Iowa	Kelly-Schmitz-Winkeler Assoc	Kansas City, Mo	
Kan	Kelly-Schmitz-Winkeler Assoc	Kansas City, Mo	
Ky	Southern Sales Co	Angola, Ind	
La	John Guenther	Dallas, Tex	
Me	Gerber Sales Co, Inc	Brookline, Mass	
Md	Brown-Frederick & Assoc. Inc	Glenside, Pa	
Mass	Gerber Sales Co. Inc	Brookline	
Mich	Grant Shaffer Co	14241 Fenkell Ave, Detroit	
Minn	Miller Sales Agency	Minneapolis	
Miss	Paul Hayden Assoc	East Point, Ga	
Mo	Kelly-Schmitz-Winkeler Assoc	Kansas City	
NH	Gerber Sales Co, Inc	Brookline, Mass	
NJ	Benjay Assoc. Inc	White Plains, NY	
NM	Peyser & Co	Colorado Springs, Colo	
NY	Simberkoff Sales Co	Orange, NJ	
NC	Paul Hayden Assoc	East Point, Ga	
ND	Miller Sales Agency	Minneapolis, Minn	
Ohio	Thomas Shelby & Co	New Bremen	
Okla	John Guenther	Dallas, Tex	
Ore	M K Widdekind Co	Seattle, Wash	
Pa	Brown-Frederick & Assoc. Inc	Glenside	
RI	Gerber Sales Co. Inc	Brookline, Mass	
SC	Paul Hayden Assoc	East Point, Ga	
SD	Miller Sales Agency	Minneapolis, Minn	
Tenn	Paul Hayden Assoc	East Point, Ga	
Tex	John Guenther	Dallas	
Utah	Peyser & Co	Colorado Springs, Colo	
Vt	Gerber Sales Co. Inc	Brookline, Mass	
Va	Brown-Frederick & Assoc. Inc	Glenside, Pa	
Wash	M K Widdekind Co	Seattle	
W Va	Thomas Shelby & Co	New Bremen, Ohio	
Wis	M Berman Assoc	Skokie, Ill	
Wyo	Peyser & Co	Colorado Springs, Colo	
Can	Cross Canada Electronics	Waterloo, Ontario	
For	Ad Auriema, Inc	New York, NY	
	SARKES TARZIAN INC. SEMICONDUCTOR DIV	**415 N College, Bloomington, Ind**	**ED9-9317**
	840 *500 F 500-1445		
Ala	Harold Lichtenstein	6828 Lindberg Dr, N.E., Atlanta, Ga	CE3-4743
Alaska	M K Widdekind	222 First Ave, N., Seattle 9, Wash	AT4-4869
Ariz	W Bert Knight	10377 W. Pico Blvd, Los Angeles 54, Cal	BR2-0100
Ark	John Guenther	4531 N. Central Expwy, Dallas, Tex	LA8-6296
Cal	W Bert Knight	10377 W. Pico Blvd, Los Angeles 64, Cal	BR2-0100
Cal	Moulthrop & Hunter	165 Eleventh St, San Francisco 3, Cal	UN3-7980
Colo	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Conn	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Del	J & H Electronic Sales	P.O. Box 5844, Towson, Md	VA5-4441
DC	J & H Electronic Sales	P.O. Box 5844, Towson, Md	VA5-4441
Fla	Paul Hayden Associates	P.O. Box 331, East Point, Ga	PO6-0261
Ga	Paul Hayden Associates	P.O. Box 331, East Point, Ga	PO6-0261
Hawaii	Dougherty Enterprises	149 Kaimi St, Kailua, Hawaii	
Idaho	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Ill	Kadell Sales	6240 N Lincoln Ave. Chicago 45	IR8-7[illegible]
Ind	Leslie M DeVoe Co	4010 Washington Blvd. Indianapolis	AT3-1395
Iowa	George E Harris & Co., Inc	3241 E. Douglas St, Wichita 8, Kan	MU2-2711
Kan	George E Harris & Co., Inc	3241 E. Douglas St, Wichita 8, Kan	MU2-2711
Ky	Leslie M DeVoe Co	4010 Washington Ave, Indianapolis, Ind	AT3-1395
La	John Guenther	4531 N. Central Expwy, Dallas, Tex	LA8-6296
Me	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Md	J & H Electronic Sales	P.O. Box 5844, Towson, Md	VA5-4441
Mass	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Mich	Grant Shaffer Co	14241 Fenkell Ave, Detroit 27, Mich	BR3-5780
Minn	Scott Electronic Sales	5209 W 60th St, Minneapolis	
Miss	Paul Hayden Associates	6828 Lindberg Dr, N.E., Atlanta, Ga	CE3-4743
Mo	George E Harris & Co., Inc	3241 E. Douglas St, Wichita 8, Kan	MU2-2711
Mont	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Neb	George E Harris & Co., Inc	3241 E. Douglas St, Wichita 8, Kan	MU2-2711
Nev	Moulthrop & Hunter	165 Eleventh St, San Francisco 3, Cal	UN3-7980
NH	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
NJ	Simberkoff Sales Co	58 Hudson St, Hoboken, NJ	25211
NM	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
NY	Simberkoff Sales Co	58 Hudson St, Hoboken, NJ	25211
NC	Paul Hayden Associates	423 W. Fifth, Burlington, NC	CA7-3479
ND	Scott Electronic Sales	5209 W 60th St, Minneapolis	WE9-2985
Ohio	F A Dougherty & Co	6025 Mayfield Rd, Cleveland 14, Ohio	HI2-2311
Okla	John Guenther	4531 N. Central Expwy, Dallas, Tex	LA8-6296
Ore	M K Widdekind	222 First Ave, N., Seattle 9, Wash	AT4-4869
Pa	Gene S Root & Co	733 Valleevista Ave, Pittsburgh	LO1-4125
Pa	F P Yaussi Co	322 Spring Valley Rd, Pittsburgh 15, Pa	CA1-4[illegible]
RI	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
SC	Paul Hayden Associates	P.O. Box 331, East Point, Ga	PO6-0261
SD	Scott Electronic Sales	5209 W 60th St, Minneapolis	WE9-2985
Tenn	Paul Hayden Associates	423 W. Fifth, Burlington, NC	CA7-3479
Tex	John Guenther	4531 N. Central Expwy, Dallas, Tex	LA8-6296
Utah	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Vt	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Va	Paul Haydon Associates	423 W. Fifth, Burlington, NC	CA7-3479
Wash	M K Widdekind	222 First Ave, N., Seattle 9, Wash	AT4-4869
Wis	Mike Berman	8031 E. Prairie Rd. Skokie, Ill	
Wyo	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
For	Ad Auriema Inc	85 Broad St. New York City	BO9-7750
	SARKES TARZIAN INC. TUNER DIV	**E Hillside Dr. Bloomington, Ind**	**ED2-7251**
	45-1895		
•	**SATURN ELECTRONICS CORP**	**10665 Harry Hines Blvd. Dallas 20, Tex**	**FL1-3183**
	#3 *15 A 320-880-1420-1645-1855		
	SAUEREISEN CEMENTS CO	**Sauereisen Bldg, Pittsburgh 15, Pa**	**ST1-2323**
	G Reed #3 *16 C 30-315-[illegible]-1195-1930		
Cal	Montgomery Brothers	1122 Howard St, San Francisco	UN1-3000
Cal	Montgomery Brothers	4900 District Blvd, Los Angeles	LU5-6121
Conn	Walter H Dittman	97 N Quaker Ln, West Hartford	AD2-6[illegible]
Ill	Donald F Falconer	1018 Maple Ave, Evanston, Ill	UN4-4719
NY	Aquatron Corp	136 5th Ave, NY	CH2-6420
Ohio	J P Ashburn	6914 Miami Rd, Cincinnati, Ohio	BR1-9040

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ohio	[illegible] Co	2195 S. Green Rd, Cleveland, Ohio	EV2-0140
Okla	Haynes Co	11 E 12th St, Tulsa 2	LU4-8748
Ore	Montgomery Bros Inc	1612 N W Johnson, Portland, Ore	CA3-4197
Tex	R W Bevis Co	5814 Southington Ave, Houston, Tex	JA9-3775
Wash	Montgomery Brothers	911 Western Ave, Seattle	MA4-7297
Wis	Dimensional Insulation	5042 W State St, Milwaukee	BR6-0862
Canada	A A Anderson & Co Ltd	71 Airlie Ave, Toronto, Ontario, Canada	CH-3319
Foreign	Transcola Inc	69-?? 113th St, Forest Hills, NY	BO3-6950
	SAVOY ELECTRONICS, INC	**1314 NE 17 Ct. Fort Lauderdale, Fla**	**LO6-8416**
	R Bassett Sr #3 *30 B 45-320-410-415-725-895-1425-1870		
	SAXTON PRODUCTS INC	**4320 Park Ave, Bronx 57, NY**	**WE3-6400**
	E Abbe #2 *55 D 1960		
Ala	Carl Bailoff	1509 Shader Crest Rd, Birmingham	
Ariz	E Coleman	1513 S Maple Ave, Los Angeles, Cal	
Cal	E Coleman	1503 S Maple Ave, Los Angeles	
Colo	W B Gollehar	1559 Chester St, Aurora	
Conn	James White & Co	Box 227, Windsor	
Del	Brothers-Conner	1302 Lincoln Ave. Baltimore, Md	
Fla	Ted Shand	4166 Lincoln St, Hollywood	
Ga	Carl Bailoff	1509 Shader Crest Rd, Birmingham, Ala	
Idah	W K Widdekind	222 1st Ave. N, Seattle, Wash	
Ind	Leo Seguin	19303 Fairport, Detroit, Mich	
Ky	Leo Seguin	19303 Fairport, Detroit, Mich	
Me	James White & Co	Box 227, Windsor, Conn	
Md	Brothers-Conner	1302 Lincoln Ave, Baltimore	
Mass	James White & Co	Box 227, Windsor, Conn	
Mich	Leo Seguin	19303 Fairport, Detroit	
Miss	Carl Bailoff	1509 Shader Crest Rd, Birmingham, Ala	
Mo	Penzner Sales Co	8320 W 92nd St, Overland Park, Kan	
Mont	W B Gollehar	1559 Chester St, Aurora, Colo	
Neb	W B Gollehar	1559 Chester St, Aurora, Colo	
NH	James White & Co	Box 227, Windsor, Conn	
NJ	Peterson Rudnick	70 Prospect Park, W Brooklyn, NY	
NM	Carl Bailoff	1509 Shader Crest Rd, Birmingham, Ala	
NY	Joel [illegible]	Box 496, Great Neck	
NC	Ralph [illegible]	301 N Brevard St, Charlotte	
Ohio	Ohio Assoc	Box 245, Vaughnsville	
Okla	Lloyd C Cole Co	Box 12321, Houston, Tex	
Ore	W K Widdekind	222 1st Ave. N, Seattle, Wash	
Pa	Brothers-Conner	1302 Lincoln Ave. Baltimore, Md	
RI	James White & Co	Box 227, Windsor, Conn	
SC	Carl Bailoff	1509 Shader Crest Rd, Birmingham, Ala	
Tenn	Phil Hiller	609 W 189th St. New York City, NY	
Tex	Lloyd C Cole Co	Box 584, Denton	
Vt	James White & Co	Box 227, Windsor, Conn	
Va	Phil Hiller	609 W 189th St. New York City, NY	
Wash	W K Widdekind	222 1st Ave. N, Seattle	
W Va	Phil Hiller	609 W 189th St. New York City, NY	
Wyo	G B Gollehar	1559 Chester St. Aurora, Colo	
	SCAICO CONTROLS INC	**210 Taylor St. Riverside, NJ**	**HO1-4717**
	895-1460-1735-1790		
	SCALA RADIO CO	**2814 19th St. SF 10, Cal**	**VA6-2898**
	B Zucconi 45		
	SCANTLIN ELECTRONICS INC	**2215 Colby Ave, Los Angeles 64, Cal**	
	325		
	SCHAUER MFG CORP	**4521 Alpine Ave, Cincinnati 42, Ohio**	**SY1-3030**
	255-1340-1445		
Ala	Floyd Fausett	777 Pinehurst Terr, S.W., Atlanta, Ga	PL5-5781
Ariz	Barstow & Doran	1406 S. Grand Ave, Los Angeles, Cal	
Ark	J Earl Smith	6211 Denton Dr, Dallas, Tex	RI1-1896
Cal	Simon-Johnson Inc	945 Jessie St, San Francisco, Cal	UN1-6259
Cal	Barstow & Doran	1406 S. Grand Ave, Los Angeles, Cal	
Colo	Connors Inc	5403 E. Evans Ave. Denver 22	SK6-9417
Del	C H Stratton Co	514 E. Wadsworth St, Philadelphia 19, Pa	CH7-7869
DC	C H Stratton Co	514 E. Wadsworth St, Philadelphia 19, Pa	CH7-7869
Fla	Floyd Fausett	777 Pinehurst Terr, S.W., Atlanta, Ga	PL5-5781
Ga	Floyd Fausett	777 Pinehurst Terr, S.W., Atlanta, Ga	PL5-5781
Hawaii	Barstow & Doran	1406 S. Grand Ave, Los Angeles, Cal	
Idah	Connors Inc	5403 E. Evans Ave. Denver 22, Colo	SK6-9417
Ill	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	RO3-1570
Ind	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	RO3-1570
Iowa	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	RO3-1570
Kan	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	RO3-1570
Ky	C H Dykes	Film Exchange Bldg, Cleveland, Ohio	PR1-0719
La	J Earl Smith	6211 Denton Dr, Dallas, Tex	RI1-1896
Md	C H Stratton Co	514 E. Wadsworth St, Philadelphia, Pa	CH7-7869
Mass	Blair H Parker	611 Atlantic Ave, Boston, Mass	
Miss	Floyd Fausett	777 Pinehurst Terr, SW, Atlanta, Ga	PL5-5781
Mich	Jack [illegible]	4140 Van Dyke Ave, Detroit 14, Mich	WA1-3932
Mo	Ellinger Sales Co	6540 Northwest Hwy, Chicago, Ill	RO3-1570
Mont	Connors Inc	5403 E. Evans Ave. Denver 22, Colo	SK6-9417
Nev	Simon Johnson Inc	945 Jessie St, San Francisco, Cal	UN1-6259
NJ	D F Tobias & Co	30 Church St, New York, NY	
NJ	C H Stratton Co	514 E. Wadsworth St, Philadelphia, Pa	CH7-7869
NM	Connors Inc	5403 E. Evans Ave. Denver 22, Colo	SK6-9417
NY	D F Tobias & Co	30 Church St, New York, NY	
NC	Floyd Fausett	777 Pinehurst Terr, S.W., Atlanta, Ga	PL5-5781
Ohio	C H Dykes	Film Exchange Bldg, Cleveland, Ohio	PR1-0719
Pa	C H Stratton Co	514 E. Wadsworth St, Philadelphia, Pa	CH7-7869
RI	Blair Parker	611 Atlantic Ave, Boston, Mass	
SC	Floyd Fausett	777 Pinehurst Terr, SW, Atlanta, Ga	PL5-5781
Tenn	Floyd Fausett	777 Pinehurst Terr, Atlanta, Ga	PL5-5781
Tex	J Earl Smith	6211 Denton Dr, Dallas, Tex	RI1-1896
Utah	Connors Inc	5403 E. Evans Ave. Denver 22, Colo	SK6-9417
Vt	Blair Parker	611 Atlantic Ave, Boston, Mass	
Va	C H Stratton Co	514 E. Wadsworth St, Philadelphia, Pa	CH7-7869
Wisc	Ellinger Sales Corp	6540 Northwest Hwy, Chicago, Ill	RO3-1570
Wyo	Connors Inc	5403 E. Evans Ave, Denver 22, Colo	SK6-9417
Canada	[illegible] Distributing Co	10 George St, Toronto 2, Ontario, Canada	
Foreign	[illegible] Agencies Inc	431 Greenwich St, New York 13, NY	WO6-2130
	SCHENECTADY VARNISH CO. INC	**Congress & 10th, Schenectady 1, NY**	**DI6-8711**
	J Emans 315-1240-1290-1930		
Ala	Electrical Insulation Suppliers Inc	500 Means St, N.W., Atlanta, Ga	JA5-2707
Ariz	Electrical Specialty Co	210 Adams St, Phoenix, Ariz	AL2-2107
Ark	John H Cole Co	1825 W. Main St, Oklahoma City 2, Okla	CE2-3171
Cal	Electrical Specialty Co	2820 E. 12th St, Los Angeles 23, Cal	AN9-9511
Cal	Electrical Specialty Co	158-168 - 11th St, San Francisco 3, Cal	HE1-8450
Colo	Electrical Specialty Co	2026 Arapahoe St, Denver 5, Colo	CH4-4588
Conn	J S Beale	Crescent Rd, Concord, Mass	EM9-4202
Del	O C Colburn	408 Wynmere Rd, Wynnewood, Pa	MI2-9973
DC	O C Colburn	408 Wynmere Rd, Wynnewood, Pa	MI2-9973
Fla	Electrical Insulation Suppliers Inc	500 Means St, N.W., Atlanta, Ga	JA5-2707
Ga	Electrical Insulation Suppliers Inc	500 Means St, N.W., Atlanta, Ga	JA5-2707
Idaho	Electrical Specialty Co	212 N.W. 14th Ave, Portland 9, Ore	CA7-3188
Ill	A O Doherr	625 N. Washington St, Park Ridge, Ill	TA3-6545
Ill	P H Groggins Jr.	111 Mulberry Ln, Glen Ellyn, Ill.	GL1096
Ind	T J Holmes	318 Ravenwood Ave, Dayton 19, Ohio	AX3-7613
Iowa	P H Groggins Jr.	111 Mulberry Ln, Glen Ellyn, Ill.	GL1096
Ky	Electrical Insulation Suppliers Inc	500 Means St, N.W., Atlanta, Ga	JA5-2707
La	Electrical Insulation Suppliers Inc	500 Means St, N.W., Atlanta, Ga	JA5-2707
Me	J S Beale	Crescent Rd, Concord, Mass	EM9-4202
Md	O C Colburn	408 Wynmere Rd, Wynnewood, Pa	MI2-9973
Mass	J S Beale	Crescent Rd, Concord, Mass	EM9-4202
Mich	T L Draper	111 Abbey Rd, Birmingham, Mich	MI5-6686
Minn	A O Doherr	625 N. Washington St, Park Ridge, Ill	TA3-6545
Miss	Electrical Insulation Suppliers Inc	500 Means St, N.W., Atlanta, Ga	JA5-2707
Mo	P H Groggins Jr	111 Mulberry Ln, Glen Ellyn, Ill.	GL1096
Mont	Electrical Specialty Co	2442 - 1st Ave, S., Seattle 4, Wash	MU2-3434
Neb	Electrical Specialty Co	2026 Arapahoe St, Denver 5, Colo	CH4-4588
Nev	Electrical Specialty Co	212 N.W. 14th Ave, Portland 9, Ore	CA7-3188
NH	J S Beale	Crescent Rd, Concord, Mass	EM9-4202
NJ	O C Colburn	408 Wynmere Rd, Wynnewood, Pa	MI2-9973
NJ	M H Dennos	133 Gramercy Pl, Glen Rock, NJ	OL2-1594
NM	Electrical Specialty Co	158-168 - 11th St, San Francisco 3, Cal	HE1-8450
NY	M H Dennos	133 Gramercy Pl, Glen Rock, NJ	OL2-1594
NY	R C Jacobs	Box 332, Carman Rd, Schenectady, NY	EL5-4547
NC	Electrical Insulation Suppliers Inc	500 Means St, N.W., Atlanta, Ga	JA5-2707
Ohio	R M Henry	17450 Lake Ave, Lakewood 7, Ohio	AC1-2881
Ohio	T J Holmes	318 Ravenwood Ave, Dayton 19, Ohio	AX3-7613
Okla	John H Cole Co	1825 W. Main St, Oklahoma City 2, Okla	CE2-3171
Ore	Electrical Specialty Co	212 N.W. 14th Ave, Portland 9, Ore	CA7-3188
Pa	O C Colburn	408 Wynmere Rd, Wynnewood, Pa	MI2-9973
Pa	R M Henry	17450 Lake Ave, Lakewood 7, Ohio	AC1-2881
RI	J S Beale	Crescent Rd, Concord, Mass	EM9-4202
SC	Electrical Insulation Suppliers Inc	500 Means St, N.W., Atlanta, Ga	JA5-2707
Tenn	Electrical Insulation Suppliers Inc	500 Means St, N.W., Atlanta, Ga	JA5-2707
Tex	Southern Electric Sales Co	Box 9444, Dallas 15	
Utah	Electrical Specialty Co	158-168 - 11th St, San Francisco 3, Cal	HE1-8450
Vt	J S Beale	Crescent Rd, Concord, Mass	EM9-4202
Va	Electrical Insulation Suppliers Inc	500 Means St, N.W., Atlanta, Ga	JA5-2707
Wash	Electrical Specialty Co	2442 - 1st Ave, S., Seattle 4, Wash	MU2-3434
W. Va	Electrical Insulation Suppliers Inc	500 Means St, N.W., Atlanta, Ga	JA5-2707
Wisc	A O Doherr	625 N. Washington St, Park Ridge, Ill	TA3-6545
Wyo	Electrical Specialty Co	212 N.W. 14th Ave, Portland 9, Ore	CA7-3188
•	**SCHERMA MFG CO., INC., F A**	**424 Broome St, New York 13, NY**	**WA5-2077**
	M Scherma #2 *12 B 1135-1460		
Ariz	Robert G Moye Co	116 S. Stoneman Ave, Alhambra, Cal	CU3-1669
Ark	Branum Sales Co	Box 14348, Dallas 34, Tex	
Cal	Robert G Moye Co	116 S. Stoneman Ave, Alhambra, Cal	CU3-1669
Conn	Abbott-Allison Co	P.O. Box 467, Meriden, Conn	BE7-9232
Ill	William E Burgoyne	1001 N. Clark St, Chicago, Ill.	HO5-2112
La	Branum Sales Co	Box 14348, Dallas 34, Tex	
Me	Abbott-Allison Co.	P.O. Box 467, Meriden, Conn	BE7-9232
Mass	Abbott-Allison Co	P.O. Box 467, Meriden, Conn	BE7-9232
Nev	Robert G Moye Co.	116 S. Stoneman Ave, Alhambra, Cal	CU3-1669
NH	Abbott-Allison Co.	P.O. Box 467, Meriden, Conn	BE7-9232
NC	Electronic Research & Sales Co	Box 845, Charlottesville, Va	3-5148
Ohio	W W Bembolet & Associates	127 E. Second St, Dayton 2, Ohio	BA3-7652
Okla	Branum Sales Co	Box 14348, Dallas 34, Tex	
RI	Abbott Allison Co	P.O. Box 467 Meriden, Conn	BE7-9232
Tex	Branum Sales Co	Box 14348, Dallas 34	
Vt	Abbott-Allison Co	P.O. Box 467, Meriden, Conn	BE7-9232
Va	Electronic Research & Sales Co	Box 845, Charlottesville	3-5148
Wash	Standard Electric Sales	204 W. Lucile St, Seattle 4, Wash	PA5-9440
	SCHJELDAHL CO., G T	**P. O. Box 170, Northfield, Minn**	**NI5-5635**
	30-220-625-670-1125-1135-1290-1425-1475-1755-1870		
Cal	Perlmuth Electronics	941 Charleston Rd, Palo Alto, Cal	DA1-5064
Cal	Perlmuth Electronics	5057 W. Washington Blvd, Los Angeles	WE1-1042
Pa	L D Lowery Co	50 E. Wynnewood Rd, Wynnewood, Pa	TR7-1212
	SCHOBER ORGAN CORP	**43 W 61 St. New York 23, NY**	**JU6-7752**
	L Exstein 55-455-895-955-1180-1435-1675		
	SCHUTTER MICROWAVE CORP	**80 E Montauk Hwy. Lindenhurst, NY**	**TU8-5200**
	E Buckley #1 *70 B 285-1135-1885		
	SCHUYLER MFG CORP	**84 Porete Ave, N. Arlington, NJ**	**WY1-2094**
	290-370-750-1575-1580-1875-1885		
	SCHWEITZER, PETER J DIV KIMBERLY-CLARK CORP	**Lee, Mass**	**Lee7**
	D Kohl 900		
	SCIAKY BROS INC	**4915 W. 67th St, Chicago 38, Ill**	**PO7-5600**
	W Ferrell #50 *400 E 360-1550-1555-1855-1945		
Cal	Sciaky Bros Inc	2311 Purdue Ave, Los Angeles 64, Cal	BR2-7671
DC	Sciaky Bros Inc	1500 Massachusetts Ave, N.W., Wash 5	CO5-5610
Ga	Sciaky Bros Inc	231 Healy Bldg, Atlanta 3, Ga	JA2-7607
Mass	Sciaky Bros Inc	6 Beacon St, Boston 8, Mass	CA7-1515
Mich	Sciaky Bros Inc	7430 Second Blvd, Detroit 2, Mich	TR5-6800
Mo	Sciaky Bros Inc	701 E. 63rd St, Kansas City 13, Mo	DE3-5400
Mo	Sciaky Bros Inc	3901 Olive St, St. Louis, Mo	JE5-5854
NY	Sciaky Bros Inc	1775 Broadway, New York 19, NY	CI6-7740
NY	Sciaky Bros Inc	307 Walbridge Bldg, Buffalo 2, NY	MA1560
Ohio	Sciaky Bros Inc	421 Bulkley Bldg, Cleveland 15, Ohio	PR1-0060
Pa	Sciaky Bros Inc	1123 Western Savings Fund Bldg, Phila 7	KI5-6570
Tex	Sciaky Bros Inc	1414 Electric Bldg, Fort Worth, Tex	ED6-4811
Foreign	Sciaky Electric Weld Mach Ltd	Slough, Bucks, England	
Foreign	Sciaky S A	13,15 Rue Charles Fourier, Paris, France	
	SCIENTIFIC-ATLANTA INC	**2162 Piedmont Rd, N.E., Atlanta 9, Ga**	**TR5-7291**
	W Bradley #20 *160 E 25-45-275-895-1135		
Ala	Gentry & Assoc	1851 Oak Ln, Orlando, Fla	GA4-0730
Alas	Rush S Drake Assoc. Inc	1835 Bush Pl, Seattle, Wash	EA3-8545
Ariz	J T Hill Co	420 S. Pine St. San Gabriel, Cal	AT7-9633
Ark	Carey-Wolf Co	6000 Camp Bowie Blvd. Ft. Worth, Tex.	PE8-1702
Cal	J T Hill Co	420 S. Pine St. San Gabriel	AT7-9633
Colo	Kelley Enterprises	336 E. 4th St. Loveland	NO7-1376
Conn	George Gostenhofer & Assoc. Inc	7 Wellington St. Waltham, Mass	TW4-9500
Del	Gawler-Knoop Co	835 Glenside Ave. Wyncote, Pa	WA7-1820
DC	Gawler-Knoop Co	8732 Flower Ave. Silver Springs, Md	JU5-7550
Fla	Gentry & Assoc	1851 Oak Ln. Orlando	GA4-0730
Ga	Gentry & Assoc	1851 Oak Ln. Orlando, Fla	GA4-0730
Haw	J T Hill Co	420 S. Pine St. San Gabriel, Cal	AT7-9633
Idah	Rush S Drake Assoc	Box 2126, Idaho Falls	JA2-7992
Ill	Pivan Eng. Co	3542 W. Peterson Ave. Chicago 45	KE9-4838
Ind	Pivan Eng. Co	10332 N. College Ave. Indpls	VI6-1532
Iowa	Pivan Eng. Co	3542 W. Peterson Ave. Chicago 45, Ill	KE9-4838
Kan	Lee Mark Assoc	Box 8467, KC 14, Mo	NI2-3313
La	Carey-Wolf Co	6000 Camp Bowie Blvd. Ft. Worth, Tex.	PE8-1702
Me	George Gostenhofer & Assoc. Inc	7 Wellington St. Waltham 54, Mass	TW4-9500
Md	Gawler-Knoop Co	807 E. Seminary Ave. Towson 4	VA5-3151
Mass	George Gostenhofer & Assoc. Inc	7 Wellington St. Waltham 54	TW4-9500
Mich	Tiby Co., The	8701 Fenkell Ave. Detroit 38	TE4-9211
Miss	Gentry & Assoc	1851 Oak Ln. Orlando, Fla	GA4-0730
Mo	Lee Mark Assoc	2001 Big Bend Blvd. St. Louis 17	MI7-1470
Mont	Rush S Drake Assoc. Inc	1817 Norman St. Seattle 44, Wash	EA3-8545
Neb	Lee Mark Assoc	Box 8467, KC 14, Mo	NI2-3313
NH	George Gostenhofer & Assoc. Inc	7 Wellington St. Waltham 54, Mass	TW4-9500
NJ	Gawler-Knoop Co	178 Eagle Rock Ave. Roseland	CA6-4545
NM	Kelley Enterprises	336 E. 4th St. Loveland, Colo	NO7-1376
NY	Gawler-Knoop Co	178 Eagle Rock Ave. Roseland, NJ	DI4-2997
NC	M J McDonald Co	Whippoorwill Dr. Pfafftown	WA4-2182
Ohio	The Tiby Co.	2245 Warrensville Ctr Rd, Cleveland, Ohio	ER1-5335
Okla	Carey-Wolf Co	6000 Camp Bowie Blvd. Ft. Worth, Tex.	PE8-1702
Ore	Rush S Drake Assoc. Inc	1817 Norman St. Seattle 44, Wash	EA3-8545
Pa	The Tiby Co.	2245 Warrensville Ctr Rd, Cleveland, Ohio	ER1-5335
Pa	Gawler-Knoop Co	835 Glenside Ave. Wyncote	WA7-1820
RI	George Gostenhofer & Assoc	7 Wellington St. Waltham 54, Mass	TW4-9500
SC	M J McDonald Co	Whippoorwill Dr. Pfafftown, NC	WA4-2182
Tenn	M J McDonald Co	Whippoorwill Dr. Pfafftown, NC	WA4-2182
Tex	Carey-Wolf Co	6000 Camp Bowie Blvd. Ft. Worth	PE8-1702
Utah	Kelley Enterprises	336 E. 4th St. Loveland, Colo	NO7-1376
Vt	George Gostenhofer & Assoc. Inc	7 Wellington St. Waltham 54, Mass	TW4-9500
Va	Gawler-Knoop Co	8732 Flower Ave. Silver Springs, Md	JU5-7550
Wash	Rush S Drake Assoc. Inc	1817 Norman St. Seattle 44	EA3-8545
Wis	Pivan Eng. Co	3542 W. Peterson Ave. Chicago 45, Ill	KE9-4838
Wyo	Kelley Enterprises	336 E. 4th St. Loveland, Colo	NO7-1376
For	Henley & Co. Inc	202 E. 44th St. NY 17, NY	YU6-5544
	SCIENTIFIC ELECTRIC INC	**105-119 Monroe St, Garfield, NJ**	**PR7-0607**
	J Sedlacsik Jr #4 *35 D 570-820-1135-1340-1945		
	SCIENTIFIC ELECTRONICS INC	**3810 Cohasset St. Burbank, Cal**	**VI9-2060**
	C Blaker #3 *15 A 220		
	SCIENTIFIC ENGINEERING LABS INC	**1510 6th St. Berkeley 10, Cal**	**LA6-2772**
	A Wickstrom #5 *22 C 360-735-895-1075-1135-1215		
	SCIENTIFIC RADIO PRODUCTS, INC	**2303 W 8th St. Loveland, Colo**	**667-2261**
	G Follmer #5 *110 D 415		
Ariz	Carl E Holmes Co	107 N. Ave 54, Los Angeles 42, Cal	CL6-2255
Cal	Carl E Holmes Co	107 N. Ave 54, Los Angeles 42, Cal	CL6-2255
Cal	McKnight Co	P.O. Box 543, Menlo Park, Cal	DA6-3762
Colo	Allen I Williams Co	2263 Albion St, Denver 22, Colo	SK6-9403
Del	Danco Corp	Fairview Village, Pa	BR5-2600
DC	Danco Corp	Fairview Village, Pa	BR5-2600
Fla	Edwin W Irby	2906 Nancy St, Orlando, Fla	GA5-8284
Fla	Harvey E Antley	20100 N.E. 25th Ct, N. Miami Beach, Fla	WI5-2962
Ga	E P Bean & W W Guyer	3223 Cain's Hill Pl, N.W. Atlanta 5, Ga	CE7-2273
Ill	John G Twist Co	5232 W. Diversey Ave, Chicago 39, Ill	SP7-2290
Ind	J F Kilbil Co	9415 Montgomery Rd, Cincinnati 42, Ohio	SY1-6150
Md	Danco Corp	Fairview Village, Pa	BR5-2600
NJ	John DiBlasi Associates Inc	90 Main St, Port Washington, NY	PO7-0470
NM	Allen I Williams Co	3221 Silver Ave, S.E., Albuquerque, NM	5-9632
NY	John Di Blasi Associates Inc	90 Main St, Port Washington, NY	PO7-0470
NY	F C Young Associates	907 Monroe Ave, Rochester 20, NY	BR1-2126
NC	James E Elam	625 Henley Dr, Charlotte, NC	FR6-8648
Ohio	John F Kilbil Co	9415 Montgomery Rd, Cincinnati 42, Ohio	SY1-6150
Ore	W K Widdekind Co	216 First Ave, N., Seattle 9, Wash	EL6981
Pa	Danco Corp	Fairview Village, Pa	BR5-2600
Tenn	J B Cartwright & D McCoy	560 S. Cooper St, Memphis 4, Tenn	BR6-4442
Wash	W K Widdekind Co	216 First Ave, N., Seattle 9, Wash	EL6981
Foriegn	B Freudenberg Inc	50 Rockefeller Plaza, New York 20, NY	PL7-9130
	SCIENTIFIC RADIO SERVICE	**4301 Sheridan St, University Park, Md**	**WA7-0535**
	H Eisenhauer #1 A 415		
•	**SCINTILLA DIV. BENDIX CORP**	**Sidney, NY**	**LO3-9511**
	D Quinney #450 *4600 G 190-220-345-795		
Ala	D M Woodworth	2122A E Colonial Dr. Orlando, Fla	CH1-6559
Alas	Scintilla Div. The Bendix Corp	117 E Providencia Ave. Burbank, Cal	TH5-1571
Ariz	Scintilla Div. The Bendix Corp	117 E Providencia Ave. Burbank, Cal	TH5-1571
Ark	Frank W Johnson	2604 Inwood Rd. Dallas 35, Tex	FL2-2150
Cal	Scintilla Div. The Bendix Corp	117 E Providencia Ave. Burbank	TH5-1571
Colo	Scintilla Div. The Bendix Corp	117 E Providencia Ave. Burbank, Cal	TH5-1571
Conn	Harold M Avey	545 Cedar Ln. Teaneck, NJ	TE6-5221
Del	Ralph E Rice	1730 "K" St. NW, Washington 6, DC	FE3-8200
DC	Ralph E Rice	1730 "K" St. NW, Washington 6	FE3-8200
Fla	D M Woodworth	2122A E Colonial Dr. Orlando	CH1-6559
Ga	D M Woodworth	2122A E Colonial Dr. Orlando, Fla	CH1-6559
Haw	Scintilla Div. The Bendix Corp	117 E Providencia Ave. Burbank, Cal	TH5-1571
Idah	Jack R Wales	8425 1st Ave. S, Seattle 8, Wash	PA5-9100
Ill	Cameron & King	4104 N Harlem Ave. Chicago	GL6-4031

• INDICATES ADVERTISERS IN THIS ISSUE

FOR EXPLANATION OF SYMBOLS # * A 15 SEE PG. M

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ind	Cameron & King	4104 N Harlem Ave, Chicago, Ill	GL6-4031
Iowa	Cameron & King	4104 N Harlem Ave, Chicago, Ill	GL6-4031
Kan	Cameron & King	4104 N Harlem Ave, Chicago, Ill	GL6-4031
Ky	Ralph E Rice	1700 "K" St, NW, Washington 6, DC	FE3-8200
La	Frank W Johnson	3508 Inwood Rd, Dallas 35, Tex	FL2-2150
Md	Ralph E Rice	1700 "K" St, NW, Washington 6, DC	FE3-8200
Mich	Cameron & King	4104 N Harlem Ave, Chicago, Ill	GL6-4031
Minn	Cameron & King	4104 N Harlem Ave, Chicago, Ill	GL6-4031
Miss	Cameron & King	4104 N Harlem Ave, Chicago, Ill	GL6-4031
NM	Frank W Johnson	3508 Inwood Rd, Dallas 35, Tex	FL2-2150
Mont	Jack P Wales	5425 1st Ave. S, Seattle 8, Wash	PA5-9100
Neb	Jack P Wales	5425 1st Ave. S, Seattle 8, Wash	PA5-9100
Nev	Scintilla Div. The Bendix Corp	117 E Providence Ave, Burbank, Cal	TH5-1571
NJ	Harold W Avey	545 Cedar Ln, Teaneck	TE6-5221
NM	Frank W Johnson	3508 Inwood Rd, Dallas 35, Tex	FL2-2150
NY	Harold W Avey	545 Cedar Ln, Teaneck, NJ	TE6-5221
NC	Donald V Woodworth	2020A E Colonial Dr, Orlando, Fla	CH1-6559
ND	Cameron & King	4104 N Harlem Ave, Chicago, Ill	GL6-4031
Ohio	Cameron & King	4104 N Harlem Ave, Chicago, Ill	GL6-4031
Okla	Frank W Johnson	3508 Inwood Rd, Dallas 35, Tex	FL2-2150
Ore	Jack P Wales	5425 1st Ave. S, Seattle 8, Wash	PA5-9100
Pa	Ralph E Rice	1700 "K" St, NW, Washington 6, DC	FE3-8200
RI	Harold W Avey	545 Cedar Ln, Teaneck, NJ	TE6-5221
SC	Donald V Woodworth	2020A E Colonial Dr, Orlando, Fla	CH1-6559
SD	Cameron & King	4104 N Harlem Ave, Chicago, Ill	GL6-4031
Tenn	Ralph E Rice	1700 "K" St, NW, Washington 6, DC	FE3-8200
Tex	Frank W Johnson	3508 Inwood Rd, Dallas 35	FL2-2150
Utah	Scintilla Div. The Bendix Corp	117 E Providence Ave, Burbank, Cal	TH5-1571
Va	Ralph E Rice	1700 "K" St, NW, Washington 6, DC	FE3-8200
Wash	Jack P Wales	5425 1st Ave. S, Seattle 8	PA5-9100
W Va	Ralph E Rice	1700 "K" St, NW, Washington 6, DC	FE3-8200
Wis	Cameron & King	4104 N Harlem Ave, Chicago, Ill	GL6-4031
Wyo	Scintilla Div. The Bendix Corp	117 E Providence Ave, Burbank, Cal	TH5-1571
For	Bendix International	205 E 42nd St, New York 17, NY	MU3-1100
	SCOPES CO., INC	**Box 56, Monsey, NY**	**EL6-6339**
	R Rickard A 895-1880		
Cal	Mason Electronics	San Mateo, Cal	FI5-2666
Conn	H J Shuffe Co	Newtonville, Mass	LA7-5304
Del	S & S Associates	Washington 20, DC	LU2-0041
DC	S & S Associates	Washington 20, DC	LU2-0041
Kan	Leemark Associates	Kansas City, Mo	NI2-3113
Me	H J Shuffe Co	Newtonville, Mass	LA7-5304
Mich	Electro Motion Associates	4212 E 9 Mile Rd, Warren, Mich	JE6-4040
Mass	H J Shuffe Co	825 Wash St, Newtonville	LA7-5304
Mo	Leemark Associates	Box 6457, Kansas City, Mo	NI2-3113
Nev	Mason Electronics Corp	489 S. Robertson Blvd, Beverly Hills, Cal	BR2-9311
NH	H J Shuffe Co	Newtonville, Mass	LA7-5304
NJ	L & M Associates	Saddle Brook, NJ	DI3-3070
Ohio	S & S Assoc	380 W. De Kalb Pk, King of Prussia, Pa	BR9-7192
Pa	S & S Assoc	King of Prussia	BR9-7192
RI	H J Shuffe Co	Newtonville, Mass	LA7-5304
Vt	H J Shuffe Co	815 Washington St, Newtonville, Mass	LA7-5304
	SCOTT INC., H H	**111 Powder Mill Rd, Maynard, Mass**	**TW7-8801**
	W Glaser #12 *200 E 895-955-1270-1675		
Ala	Bill Henry Assoc	1043 D. Providence, Charlotte, NC	FR5-8958
Ariz	W K Geist Co	3117 Glendale Blvd, Los Angeles, Cal	NO5-5219
Cal	W K Geist Co	3117 Glendale Blvd, Los Angeles, Cal	NO5-5219
Conn	Crane & Egert Corp	97 Reade St, New York, NY	WO4-0996
Del	Jay Co, The	2420 Wilson Blvd, Arlington 1, Va	JA4-6767
DC	Jay Co, The	2420 Wilson Blvd, Arlington 1, Va	JA4-6767
Fla	Bill Henry Assoc	1043 D. Providence, Charlotte, NC	FR5-8958
Ga	Bill Henry Assoc	1043 D. Providence, Charlotte, NC	FR5-8958
Hawaii	Telesco International Corp	36 W. 40th St, New York, NY	PE6-2165
Idaho	Ray Johnston Co	1011 E. 69th St, Seattle, Wash	LA4-5170
Ill	Kent-Margolin Inc	1803 W. Belle Plaine, Chicago, Ill	WE5-4642
Ind	Kent-Margolin Inc	1803 W. Belle Plaine, Chicago, Ill	WE5-4642
Iowa	Robert Shaw Co	7800 Kenridge Ln, Webster Groves, Mo	WO2-1590
Kan	Robert Shaw Co	7800 Kenridge Ln, Webster Groves, Mo	WO2-1590
Ky	Kent-Margolin Inc	1803 W. Belle Plaine, Chicago, Ill	WE5-4642
Me	W M Hague Co	1776 Mass. Ave. Lexington 73, Mass	VO2-5700
Md	Jay Co., The	2420 Wilson Blvd, Arlington 1, Va	JA4-6767
Mass	W M Hague Co	1776 Mass. Ave. Lexington 73	VO2-5700
Minn	Clark R Gibb	2400 Hennepin, Minneapolis 5, Minn	FR7-1200
Miss	Bill Henry Assoc	1043 D. Providence, Charlotte, NC	FR5-8958
Mo	Robert Shaw Co	7800 Kenridge Ln, Webster Groves, Mo	WO2-1590
Mont	Robert Shaw Co	7800 Kenridge Ln, Webster Groves, Mo	WO2-1590
Neb	Robert Shaw Co	7800 Kenridge Ln, Webster Groves, Mo	WO2-1590
Nev	W K Geist Co	Box 643, Cupertino, Cal	YO8-1608
Nev	W K Geist Co	3117 Glendale Blvd, Los Angeles, Cal	NO5-5219
NH	W M Hague Co	1776 Mass. Ave. Lexington 73, Mass	VO2-5700
NJ	Crane & Egert Corp	97 Reade St, New York, NY	WO4-0996
NY	E W Paulin Eqpt. Co	126 Pearl St, Buffalo 2	TL3-4501
NY	Crane & Egert Corp	97 Reade St, New York, NY	WO4-0996
NC	Bill Henry Assoc	1043 D. Providence Rd, Charlotte 7	FR5-8958
ND	Clark R Gibb	2400 Hennepin, Minneapolis 5, Minn	FR7-1200
Ohio	Martin-Pettiger Inc	11955 Shaker Blvd, Cleveland 20, Ohio	SK1-8787
Ore	Ray Johnston Co	1011 E. 69th St, Seattle, Wash	LA4-5170
Pa	Martin-Pettiger Inc	11955 Shaker Blvd, Cleveland, Ohio	SK1-8787
Pa	Crane & Egert Corp	97 Reade St, New York, NY	PE5-3520
RI	W M Hague Co	1776 Mass. Ave. Lexington 73, Mass	VO2-5700
SC	Bill Henry Assoc	1043 D. Providence, Charlotte, NC	FR5-8958
SD	Clark R Gibb	2400 Hennepin, Minneapolis 5, Minn	FR7-1200
Tenn	Bill Henry Assoc	1043 D. Providence, Charlotte, NC	FR5-8958
Vt	W M Hague Co	1776 Mass. Ave. Lexington 73, Mass	VO2-5700
Va	Jay Co., The	2420 Wilson Blvd, Arlington 1	JA4-6767
Wash	Ray Johnston Co	1011 E. 69th St, Seattle, Wash	LA4-5170
Wisc	Clark R Gibb	2400 Hennepin, Minneapolis 5, Minn	FR7-1200
Wisc	Kent-Margolin Inc	1803 W. Belle Plaine, Chicago, Ill	WE5-4642
Foreign	Telesco International Corp	36 W. 40th St, New York, NY	
	SCOTT INSTRUMENT LABS., INC	**17 E. 48 St, New York 17, NY**	**PL5-1127**
	G Scott #4 *15 A 895-1760		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Van Leeuwen Associates	7122 Melrose Ave, Hollywood 46, Cal	
DC	Electronic Wholesaler's Inc	2345 Sherman Ave, NW, Wash 1	HU3-5200
NY	Harvey Radio Co., Inc	103 W. 43rd St, New York 36, NY	JU2-1500
NY	Lang Electronics, Inc	507 5th Ave, NY 17	MU2-7147
Canada	Sybel Sales Co	275 Arlington St, Winnipeg, Man, Canada	
•	**SEAL-A-METIC CO DIV FILTORS INC**	**Haledon, NJ**	**AR8-5400**
	M Peltoo 1540-1545		
Fla	H R Gross & Co	619 Riverside Dr, Ormond Beach	OR7-0728
Ill	Russ Diethert Co	2030 W Montrose Ave, Chicago	LO1-7627
Mass	D E A Co	30 Arlington St. Lynnfield	ED4-3575
•	**SEALECTRO CORP**	**139 Hoyt Ave, Mamaroneck, NY**	**OW8-5400**
	G Mohr #20 *250 E 338-345-720-905-925-1630-1780		
Ariz	Richard A Strassner Co	1957½ Western Ave, Los Angeles 27, Cal	HO3-5694
Ark	Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18, Tex	DA1-1435
Cal	R A Strassner Co	126 3rd St, Los Altos	LY3-4996
Cal	Richard A Strassner Co	1957 N. Western Ave, Los Angeles, Cal	HO3-5694
Conn	Sales Engineering Co	Sugar Ln, Newton, Conn	GA6-4434
Del	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
DC	Samuel A Jeffries, Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Fla	Hartford K Smith Co	117 N. Keystone Dr, Clearwater, Fla	35-8021
Idaho	Stanley Enterprises	127 River St, Seattle 8, Wash	PA3-3320
Ill	Russ Diethert Co., Inc	2030 W. Montrose Ave, Chicago 18, Ill	LO1-7627
Ind	William McFadden	150 E. Broad St, Columbus 15, Ohio	
Iowa	R W Farris Co	406 W. 34th St, Kansas City, Mo	PL3-5350
Kan	R W Farris Co	406 W. 34th St, Kansas City, Mo	PL3-5350
KY	William McFadden	150 E. Broad St, Columbus 15, Ohio	
La	Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18, Tex	DA1-6575
Me	Sales Engineering Co	Sudbury Rd, Concord, Mass	VO8-0451
Md	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Mass	Sales Engineering Co	Sudbury Rd, Concord	VO8-0451
Mich	Shelco	22525 Woodward Ave, Ferndale 20, Mich	LI7-4771
Minn	Anderson & Associates	3825 York Ave, N., Minneapolis, Minn	JU8-2570
Mo	R W Farris Co	406 W. 34th St, Kansas City 2, Mo	PL3-5350
Mont	Stanley Enterprises	127 River St, Seattle 8, Wash	PA3-3320
Neb	R W Farris Co	406 W. 34th St, Kansas City 2, Mo	PL3-5350
NH	Sales Engineering Co	Sudbury Rd, Concord, Mass	VO8-0451
NJ	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
NM	Richard A Strassner Co	1957½ Western Ave, Los Angeles 27, Cal	HO3-5694
NY	I A Hotze	112 DeWitt St, Syracuse 3, NY	GR9-0541
NY	Adolph Friedman Co	515 S. Fifth Ave, Mt. Vernon, NY	MO4-4886
NC	Russ Diethert Co., Inc	P.O. Box 510, Gastonia, NC	UN4-4389
Ohio	William McFadden	150 E. Broad St, Columbus 15, Ohio	
Okla	Gordon V Peck Co	321 S Allegheny St, Tulsa 12	
Ore	Stanley Enterprises	127 River St, Seattle, Wash	PA3-3320
Pa	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-1435
RI	Sales Engineering Co	Sudbury Rd, Concord, Mass	VO8-0451
SC	Russ Diethert Co., Inc	P.O. Box 510, Gastonia, NC	UN4-4389
Tenn	Russ Diethert Co., Inc	P.O. Box 510, Gastonia, NC	UN4-4389
Tex	Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18, Tex	DA1-6575
Vt	Sales Engineering Co	Sudbury Rd, Concord, Mass	VO8-0451
Va	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-1435
Wash	Stanley Enterprises	127 River St, Seattle 8, Wash	PA3-3320
W. Va	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-1435
Wisc	Russ Diethert Co., Inc	1324 W. Wisconsin Ave, Milwaukee, Wisc	DI2-7484
Can	White Radio Ltd	41 W Ave. N, Hamilton, Ont	
For	Australasian Eng Eqpt Co. Pty Ltd	272 Bell St, Preston N 18, Victoria, Aust	
Foreign	Rappresentanze Tecnica	Via Firenze 57, Rome, Italy	
Foreign	De La Societe Technique Ind	18 Rue Jean Mermoz, Paris 8, France	
Foreign	Sealectro Corp	Lyon Rd, Walton/Thames, Surrey, Engl	6205
Foreign	Bo Palmblad Aktiebolag	Hornsgatan 58, Stockholm S, Sweden	
	SEALELECTRIC SWITCH & RELAY CO	**6023 N. Keystone, Chicago, Ill**	**KE9-7502**
	120-1135-1460-1735		
	SEALOL INC	**Warwick Ind Park, Providence 5, RI**	**ST1-4700**
	C Williamson #15 *285 E 1545		
	SEALTRON CORP	**Reading at Amity, Cincinnati 15, Ohio**	**VA1-7444**
	E Froechtemeyer #3 *60 D 345-1545		
Cal	Bill Kolens & Co	219 California Dr, Burlingame, Cal	DI4-7111
Cal	Jackson Edwards Co	4111 Lankershim Blvd, N. Hollywood, Cal	ST7-9603
Conn	William R McCoy	57 S Montowese St, Branford	HU8-3136
Ga	V Avis McConvey Co	3469 N Decatur Rd, Decatur	AT636-2052
Ill	D Doler Sales	3553 W. Peterson Ave, Chicago 45, Ill	JU8-3738
Mich	Heckenberg Associates	108 S Woodward Ave, Birmingham	MI7-1172
NY	Willgold Electronics Corp	100 N. Village Ave, Rockville Center, NY	RO4-4022
Pa	Hilliard Associates	1125 Old York Rd, Abington, Pa	TU4-6100
Pa	John W Kight	4 Longfellow Rd, Pittsburgh 15, Pa	ST1-8814
Tex	Thomas Engineering Service	2520 Oak Lawn Ave, Dallas 19, Tex	LA6-8741
Wash	Samuel H Strom	671 Michigan St, Seattle 4	EA3-6117
	SECO ELECTRONICS INC	**5015 Penn Ave. S. Mpls 19, Minn**	**WA6-4545**
	L Heneman 50-895-955-1340		
Ala	J E Joyner Associates	603-10th St, N.W., Huntsville, Ala	
Cal	Simonite-Lewis & Associates	10636 Burbank Blvd, N. Hollywood, Cal	TR7-1074
Cal	L H Harriss Co	314-E. Hillsdale Blvd, San Mateo	FI1-2909
Colo	W H Connors Co	375 Birch St, Denver, Colo	DE3-7628
Del	E L Park	Patricia Dr. Holland, Pa	EL7-7805
DC	J F Anderson Co	1203 Trinity Dr. Alexandria, Va	KI9-0107
Fla	J E Joyner & Assoc	2258 Cascade Rd, Atlanta, Ga	PL5-4306
Ga	J E Joyner & Associates	P.O. Box 10921, Atlanta, Ga	PL5-4306
Ill	Ray F Hufmacher & Associates Inc	6547 N. Oliphant, Chicago 31, Ill	NE1-3200
Ind	Doug Cook & Assoc	3710 N. Meridian, Indpls	WA5-6611
Iowa	Zimmer Sales Co. Inc	5620 Woodward Ave, Merriam, Kan	HE2-8901
Kan	Zimmer Sales Co. Inc	5620 Woodward Ave, Merriam	HE2-8901
Ky	Doug Cook & Assoc	3710 N. Meridian, Indpls, Ind	WA5-6611
Mass	Keane Sales Co	25 Tremont St, Boston 8, Mass	RI2-5466
Minn	Richard C Anthis	5850 Bell Circle, Hopkins	WE5-4863
Mo	Zimmer Sales Co. Inc	5620 Woodward Ave, Merriam, Kan	HE2-8901
Neb	Zimmer Sales Co. Inc	5620 Woodward Ave, Merriam, Kan	HE2-8901
NY	W H Ferguson	117 Fayette St, Manlius	OW2-9301
Ohio	Midwest Sales Co	3019 W. 117th St, Cleveland 11, Ohio	WI1-2700

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Pa	E L Park	Patricia Dr. Holland	EL7-7805
SC	J E Joyner & Associates	Rt 2, Box 182 A, Rockhill, SC	3-9854
Tex	Marshe Smith Co	P.O. Box 35113, Dallas, Tex	EL3-2007
Tex	Marshe Smith Co	P.O. Box 13067, Houston, Tex	HO5-7781
Va	J F Anderson Co	1203 Trinity Dr. Alexandria	KI9-0107
Wash	Ron Merritt Co	1320 Prospect St, Seattle 9, Wash	MU2-7337
Canada	Davaco Agencies Ltd	5544 Isabelle Ave, Montreal, Quebec, Can	HU6-0470
Foreign	Telesco International Corp	36 W. 40th St, New York, NY	PE6-2165
	SECODE CORP	**555 Minnesota St, San Francisco 7, Cal**	**MA1-264[illegible]**
	A Ogilvie #10 *160 A 40-325-338-360-670-895-910-945-1150-1735		
Ariz	King-Moon Co, Inc	179 N Garfield Ave, Monterey Park, Cal	AT9-3994
Ark	Datatrol Co	5835 Yale Blvd, Dallas 6, Tex	EM1-2854
Cal	Sam Pickney	2183 47th Ave, San Francisco 16	OV1-4870
Cal	King-Moon Co, Inc	179 N Garfield, Monterey Park	AT9-3994
DC	Arco Engineering Co	1000 16th St, NW, Washington	EX3-5990
Ill	W L Cunningham & Associates	415 Addison Ave, Elmhurst, Ill	TE3-0800
Ind	W L Cunningham & Associates	415 Addison Ave, Elmhurst, Ill	TE3-0800
La	Datatrol Co	5835 Yale Blvd, Dallas 6, Tex	EM1-2854
NJ	F F Sylvester Associates	P.O. Box 14, Springfield, NJ	MU8-9319
NY	F F Sylvester Associates	P.O. Box 14, Springfield, NJ	MU8-9319
Okla	Datatrol Co	5835 Yale Blvd, Dallas 6, Tex	EM1-2854
Tex	Datatrol Co	5835 Yale Blvd, Dallas 6	EM1-2854
Wisc	W L Cunningham & Associates	415 Addison Ave, Elmhurst, Ill	TE3-0800
Can	Westronic Engineering Sales, Ltd	1415 Hornby St, Vancouver 1, BC	MU1-0104
Can	Canadian Electronics Ltd	109 St./107 Ave, Edmonton, Alb	PA4-6451
Canada	Tele-Radio System Ltd	3534 Dundas St, W., Toronto 9, Ontario	RO2-8251
•	**SECON METALS CORP**	**7 Intervale St, White Plains, NY**	**WH9-4757**
	E Cohn #5 *50 1125-1960		
	SECURITY CONTROLS INC	**503 Franklin St, Buffalo, NY**	**L[illegible]8535**
	G Loeb #2 *12 360-895		
	SEELEY ELECTRONICS	**1060 S. LaBrea Ave, L A 19, Cal**	**WE3-1182**
	1235-1425		
	SEELY INSTRUMENT CO., INC	**375 Fourth St, Niagara Falls, NY**	
	A Patterson #1 *15 B 1810		
Cal	Airdesco	4863 Telegraph Rd, L A 22	AN9-8281
Cal	Air & Hydraulic Equipment Co	4863 Telegraph Rd, Los Angeles 22, Cal	AN9-8281
Conn	Alroyal Co	1990 Springfield Ave, Maplewood, NJ	SO3-1700
Del	George Goodman Co	103 E. 25th, Baltimore 18, Md	BE5-5575
DC	George Goodman Co	103 E. 25th, Baltimore 18, Md	BE5-5575
Ill	Battier Engineering Co	4256 W. Irving Park Rd, Chicago 41, Ill	MU5-6020
Ill	Carl F Gast Co	4110 Gannsche Ave, St. Louis 20, Mo	EV3-0750
Ind	National Engineering Co	5775 N. Hillside Ave, Indianapolis 20	CL3-1132
Md	George Goodman Co	103 E. 25th St, Baltimore 18, Md	BE5-5575
Mass	G H Bohling	120 Boylston St, Boston 16, Mass	LI2-4903
Minn	John Henry Foster Co	3030 E. Franklin, Minneapolis 6, Minn	FE9-7602
Mo	Carl F Gast Co	4110 Gannsche Ave, St. Louis 20, Mo	EV3-0750
NJ	Alroyal Co	1990 Springfield Ave, Maplewood, NJ	SO3-1700
NY	Alroyal Co	1990 Springfield Ave, Maplewood, NJ	SO3-1700
NY	R E Ferry Co., Inc	596 W. Ferry St, Buffalo 22, NY	GR3382
NC	Livingston & Haven Inc	Box 4026, Charlotte, NC	
Ohio	C L Carll Co	3537 Lee Rd, Cleveland 20, Ohio	LO1-7400
Ore	E H Severson Co	5614 E. 59th St, Seattle 5, Wash	KE4134
Pa	George Goodman Co	403 Huntington Dr, Wayne, Pa	MU8-5450
Pa	C E Robertson	70 Lebanon Hills Dr, Pittsburgh 28, Pa	CH1-7084
RI	G H Bohling	120 Boylston St, Boston 16, Mass	LI2-4903
SC	Livingston & Haven Inc	2115 Meeting St, Charleston, SC	SH4-3334
Tex	Hydraulic Corp	6645 Navigation Blvd, Houston, Tex	WA6-8301
Va	George Goodman Co	103 E. 25th St, Baltimore 18, Md	BE5-5575
Wash	E H Severson Co	5614 E. 59th St, Seattle 5, Wash	KE4134
Can	Rousseau Controls Ltd	640 Decourcelle St, Montreal 30	WE7-1571
Can	Rousseau Controls Ltd	2149 Yonge St, Toronto 12	HU3-2776
•	**SEG ELECTRONICS CO. INC**	**12 Hinsdale St. Brooklyn 7, NY**	**DI5-6262**
	S Goodler #2 *14 C 670-895-1200-1585-1[illegible]-1870		
Del	M & S Electronics Co	Box 185, Haddonfield, NJ	PO5-0460
NJ	M & S Electronics Co	Box 185, Haddonfield, NJ	PO5-0460
Ohio	M & S Electronics Co	Box 185, Haddonfield, NJ	PO5-0460
Pa	M & S Electronics Co	Box 185, Haddonfield, NJ	PO5-0460
Can	Electrolins, Inc	5757 Decelles Ave. Montreal, Quebec	RE8-9095
For	Jos Plasencia & Co	401 Broadway, New York, NY	WA5-3413
	SEGAL, EDWARD	**132 Lafayette St, New York 13, NY**	**WO6-3935**
	R Garretson #4 *40 C 615-1075		
Cal	Dolliver & Bro	619 Mission St, San Francisco 5, Cal	GA1-1426
Cal	Dolliver & Bro	5108 E. Washington Blvd, Los Angeles 22	AN8-3445
Del	Pace, Inc	2814 Radius Rd, Wheaton, Md	WH2-0979
DC	Pace, Inc	2814 Radius Rd, Wheaton, Md	WH2-0979
Ill	A J Haynes Inc	1958 W. North Ave, Chicago 22, Ill	BR6-3350
Md	Pace, Inc	2814 Radius Rd, Wheaton	WH2-0979
NJ	Pace, Inc	2814 Radius Rd, Wheaton, Md	WH2-0979
Ore	Dolliver & Bro	619 Mission St, San Francisco 5, Cal	GA1-1426
Pa	Pace, Inc	2814 Radius Rd, Wheaton, Md	WH2-0979
Va	Pace, Inc	2814 Radius Rd, Wheaton, Md	WH2-0979
Wash	Dolliver & Bro	619 Mission St, San Francisco 5, Cal	GA1-1426
For	Rocke Intercontinental Corp	332 E 45th St, New York 17, NY	YU6-2244
	SEISCOR DIV. SEISMOGRAPH SERVICE CORP	**6200 E 41 St. Tulsa, Okla**	**NA7-3330**
	L Brooks #40 *350 E 45-325-338-895-910-1015-1130-1140-1150-1235-1370-1425-1845-1870		
For	Terminal Radio International, Ltd	240 W 17th St, New York 11, NY	CH3-5000
	SEL-REX CORP	**75 River Rd, Nutley 10, NJ**	**NO7-5200**
	S Wilson 265-315-560-895-1125-1305-1875		
Cal	Sel-Rex Corp	2380 Colorado Ave, Santa Monica	EX4-6771
Conn	Sel-Rex Corp	65 W. St, Seymour	TU8-2306
Ga	Sel-Rex Corp	1000 Peachtree St, Atlanta	TR4-5803

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Il	Meaker Co., The	1629 S. 55th Ave. Chicago 50	OL6-4400
RI	Sel-Rex Corp	915 Industrial Bank Bldg. Providence 3	GA1-2084
	SELAS CORP OF AMERICA	**Dresher, Pa**	**MI6-6600**
	M Fleming #100 *540 G 165-735-1075-1215		
Ariz	Selas Corp of America	1901 W 8 St. Los Angeles 57, Cal	DU8-2391
Cal	Selas Corp of America	1901 W 8 St. Los Angeles 57	DU8-2391
Conn	Selas Corp of America	860 Park Ave. Bloomfield	CH2-2342
Ill	Selas Corp of America	3857 W Washington Blvd. Chicago	VA6-5443
Ind	Selas Corp of America	333 W First St. Dayton 2, Ohio	BA8-9002
Iowa	Selas Corp of America	3857 W Washington Blvd. Chicago, Ill	VA6-5443
Kan	Selas Corp of America	3857 W Washington Blvd. Chicago 24, Ill	VA6-5443
La	Selas Corp of America	8312 Hempstead Rd. Houston 7, Tex	UN4-7751
Me	Selas Corp of America	860 Park Ave. Bloomfield, Conn	CH2-2342
Mich	Selas Corp of America	334 Lexington Bldg. Detroit 2	TR5-1221
Minn	Selas Corp of America	3857 W Washington Blvd. Chicago, Ill	VA6-5443
Mo	Selas Corp of America	3857 W Washington Blvd. Chicago 24, Ill	VA6-5443
Nev	Selas Corp of America	1901 W 8 St. Los Angeles 57, Cal	DU8-2391
NH	Selas Corp of America	860 Park Ave. Bloomfield, Conn	CH2-2342
NJ	Selas Corp of America	9 Clinton St. Newark 2, NJ	MA3-5226
NY	Selas Corp of America	9 Clinton St. Newark 2, NJ	MA3-5226
Ohio	Selas Corp of America	6225 Mayfield Rd. Cleveland 24	HI2-6655
Okla	Selas Corp of America	8312 Hempstead Rd. Houston 7, Tex	UN4-7751
RI	Selas Corp of America	860 Park Ave. Bloomfield, Conn	CH2-2342
Tex	Selas Corp of America	8312 Hempstead Rd. Houston 7	
Utah	Selas Corp of America	1901 W 8 St. Los Angeles 57, Cal	DU8-2391
Vt	Selas Corp of America	860 Park Ave. Bloomfield, Conn	CH2-2342
Wis	Selas Corp of America	3857 W Washington Blvd. Chicago 24, Ill	VA6-5443
	SEMI-ALLOYS INC	**20 McQuesten Pkwy. N. Mt. Vernon, NY**	
	168-175-233-240-315-705-1075-1085-1120-1125-1305-1445-1510-1635-1885-1940-1960-1970		
•	**SEMICON INC**	**Sweetwater Ave. Bedford, Mass**	**CR4-8542**
	R Robison #3 *50 C 500-895-1445		
Ala	Wm Jones & Co	711 Magnolia Ave, Orlando, Fla	GA4-6298
Ariz	Malcolm Ross & Co	1623 S. La Cienega Blvd. LA, Cal	BR2-3103
Ark	Jack F McKinney Sales Co	8512 E. 32nd St. Tulsa, Okla	TE5-3653
Cal	Malcolm Ross & Co	1623 S. La Cienega Blvd. LA	BR2-3103
Colo	Electronic Component Sales Inc	2149 S. Clermont St. Denver	SK7-1261
Conn	Ray Perron & Co	36 Lewis St, Trumbull, Conn	AM8-9631
Del	Wm Jones & Co	1107 Echo Ct, N., Towson, Md	VA3-5721
DC	Wm Jones & Co	1107 Echo Ct, N., Towson, Md	VA3-5721
Fla	Wm Jones & Co	711 Magnolia Ave, Orlando, Fla	GA4-6298
Ga	Wm Jones & Co	1437 Kenilworth Dr, S.W., Atlanta, Ga	PL5-5318
Idaho	W J McNabb Co	12642 NE. 5th St. Bellevue, Wash	GL4-0577
Ill	Harry W Gebhard Co	5129 W. Devon Ave. Chicago	RO3-3636
Ind	Ralph J Haffey Co	6629 Cold Water Rd, Ft. Wayne, Ind	TR7381
Iowa	W E Fry Co	406 W. 34th St. KC, Mo	JE1-5236
Kan	W E Fry Co	4378 Lindell Ave. St. Louis 8, Mo	JE5-1434
Ky	Ralph J Haffey Co	6629 Cold Water Rd, Ft. Wayne, Ind	TR7381
La	Jack F McKinney Sales Co	1102 Fairway, Kenner	KE4-5869
Me	Ray Perron & Co	1870 Centre St, Boston, Mass	FA3-1008
Md	Wm Jones & Co	1107 Echo Ct, N., Towson, Md	VA3-5721
Mass	Ray Perron & Co	1870 Centre St, Boston, Mass	FA3-1008
Mich	Ralph J Haffey Co	6629 Cold Water Rd, Ft. Wayne, Ind	TR7381
Minn	Hamilton & Bayle Assoc	3359 Republic Ave. Mnpls	WE9-7891
Miss	Jack F McKinney Sales Co	1102 Fairway, Kenner, La	KE4-5869
Mo	W E Fry Co	406 W. 34th St. KC	JE1-5236
Mont	W J McNabb Co	12642 NE. 5th St. Bellevue, Wash	GL4-0577
Neb	W E Fry Co	4378 Lindell Ave. St. Louis, Mo	JE5-1434
NH	Ray Perron & Co	1870 Centre St, Boston, Mass	FA3-1008
NJ	Ed Nemeth Associates	261 Elm St. E., Paterson, NJ	SW7-7500
NM	Electronic Component Sales Inc	3321 San Pedro Dr. NE. Albuquerque	AM8-8804
NY	Ed Nemeth Associates	261 Elm St. E., Paterson, NJ	SW7-7500
NY	Jack V Cirsiallo Co	639 South Warren St, Syracuse, NY	HA2-0532
NC	Wm Jones Co, Inc	1107 Echo Ct, N., Towson, Md	VA3-5721
ND	Hamilton & Bayle Assoc	3359 Republic Ave, Mnpls, Minn	WE9-7891
Ohio	Ralph J Haffey Co	6629 Cold Water Rd, Ft. Wayne, Ind	TR7381
Okla	Jack F McKinney Sales Co	8512 E. 32nd St. Tulsa	TE5-4730
Ore	W J McNabb Co	12642 NE. 5th St. Bellevue, Wash	GL4-0577
Pa	Leff & Eader Corp	11 Peppermint Ln. Levittown, NJ	TR7-4080
RI	Ray Perron & Co	1870 Centre St, Boston, Mass	FA3-1008
SC	Wm Jones Co., Inc	1437 Kenilworth Dr, S.W., Atlanta 10, Ga	PL5-5318
SD	Hamilton & Bayle Assoc	3359 Republic Ave. Mnpls, Minn	WE9-7891
Tenn	Wm Jones Co., Inc	1107 Echo Ct, N., Towson, Md	VA3-5721
Tex	Jack F McKinney Sales Co	Box 3126, Houston	MO5-3653
Tex	Jack F McKinney Sales Co	1303 Chemical St. Dallas	RI1-1368
Utah	Electronic Component & Sales Inc	544 E. 4800th St. Salt Lake City	AM6-2990
Vt	Ray Perron & Co., Inc	1870 Centre St. Boston, Mass	FA3-1008
Va	Wm Jones Co., Inc	1107 Echo Ct, N., Towson, Md	VA3-5721
Wash	W J McNabb Co	12642 NE. 5th St. Bellevue	GL4-0577
Wis	Harry W Gebhard Co	5129 W. Devon Ave. Chicago, Ill	RO3-3636
Wyo	Electronic Component Sales Inc	544 E. 4800th St. Salt Lake City, Utah	AM6-2990
For	Montclair Electronics Intl Inc	114 Liberty St. NY 6, NY	CO7-9350
	SEMICONDUCTOR SPECIALISTS INC	**5706 W North Ave. Chicago, Ill**	**MA2-8860**
	P Carroll #2 *20 C 220-500-1445-1860		
Mich	Semiconductor Specialists, Inc	760 Graefield Ct. Birmingham, Detroit 19	MI7-2766
Minn	Semiconductor Specialists, Inc	Minneapolis	ZE7760
Tex	Semiconductor Specialists	306 Lois Ln, Richardson	AD5-5175
•	**SEMI-ELEMENTS INC**	**Saxonburg Blvd, Saxonburg, Pa**	**FL2-2548**
	J Fisher #3 *12 B 235-240-265-410-500-885-895-930-1015-1120-1125-1135-1290-1295-1445-1510-1520		
Ariz	David Ellis Co	919-D E. Calif St, Pasadena 1, Cal	MU1-9108
Cal	David Ellis Co	919-D E. Calif St, Pasadena 1, Cal	MU1-9108
NJ	Verter Sales Co	2352 E. 66th St, Brooklyn 34, NY	HI4-3080
NY	Verter Sales Co	2352 E. 66th St, Brooklyn 34, NY	HI4-3080
Canada	Active Radio & Tv Ltd	58 Spadina Ave, Toronto, Ontario, Canada	EM4-2256
Foreign	Andres L Pita Lopez	P.O. Box 3438, Habana, Cuba	6-9507
Foreign	L Light & Co Ltd	Poyle Estate, Colnbrook, Bucks, Engl	CO2262-3-4
Foreign	Richard H Stern	Zeil 123 Frankfurt/Main, Germany	27953

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	SEMIMETALS INC	**173 Spruce St. Westbury, NY**	**ED3-8400**
	R Jewett #3 *16 E 410-1125		
	SENCORE, INC	**426 S Westgate Dr. Addison, Ill**	**KI3-7740**
	E Flaxman #4 *100 E 895		
Alas	Roger Minthorne	0673 SW Taylor's Ferry, Portland, Ore	CH6-4556
Ariz	R Mark Merriman Co	4250 Lankershim Blvd. N Hollywood, Cal	TR7-3358
Ark	Spivey-Cole Co	7547 Wilmerdean, Houston, Tex	MI9-1221
Cal	E W Brandt Co	1122 Folsom St. San Francisco	HE1-7710
Cal	R Mark Merriman Co	4260 Lankershim Blvd. N Hollywood	TR7-3358
Colo	Electronic Parts Co	20 W 13th Ave.	AM6-3755
Conn	Lawrence B Cole	2300 Washington, Newton Lwr Falls, Mass	DE2-2490
Del	Ferrell S Carmine	14 Knickerbocker Dr, Newark, Del	EN8-7603
DC	Ferrell S Carmine	14 Knickerbocker Dr. Newark	EN8-7603
Fla	Jack Geartner Co	235 Lincoln Rd, Miami Beach, Fla	JE1-0200
Haw	Bill Cameron Sales	2612 Peter St. Honolulu	
Idaho	Roger Minthorne	0673 SW Taylor's Ferry Rd. Portland, Ore	CH6-4556
Ill	William Linz	6322 N. Cicero Ave, Chicago, Ill	MU5-2022
Ind	Burt F Homsher	2018 Jessie Ave, Fort Wayne, Ind	EA4920
Ind	Burt F Homsher	4320 Dodge Ave. Ft Wayne, Ind	TR3-1348
Iowa	Collins-Havercamp Assoc	8025 N Baltimore, Kansas City, Mo	GE6-1680
Kan	Collins-Havercamp Assoc	8025 N Baltimore, Kansas City, Mo	GE6-1680
Ky	Burt F Homsher	4320 Dodge Ave. Ft Wayne, Ind	TR3-1348
La	Spivey-Cole Co	7547 Wilmerdean, Houston, Tex	MI9-1221
Me	Lawrence B Cole	2300 Washington, New Lwr Falls, Mass	DE2-2490
Md	Ferrell S Carmine	14 Knickerbocker Dr. Newark, Del	EN8-7603
Mass	Lawrence B Cole	2300 Washington, Newton Lower Falls	DE2-2490
Mich	J Malcolm Flora	Territorial at Ridgewood, Plymouth	GL3-4296
Minn	Bonament Heyda	6101 Auto Club Rd, Minneapolis, Minn	TU1-9166
Mo	Collins-Havercamp Assoc	8025 N Baltimore, Kansas City	GE6-1680
Neb	Collins-Havercamp Assoc	8025 N Baltimore, Kansas City, Mo	GE6-1680
Nev	R Mark Merriman Co	4250 Lankershim Blvd. N Hollywood, Cal	TR7-3358
Nev	E W Brandt Co	1122 Folsom St. San Francisco, Cal	HE1-7710
NH	Lawrence B Cole	2300 Washington, Newton Lwr Falls, Mass	DE2-2490
NJ	Steve Fisher Sales	800 Greenwood Ave. Brooklyn, NY	HY9-6691
NJ	Ferrell S Carmine	14 Knickerbocker Dr. Newark, Del	EN8-7603
NY	W J Callahan	108 Greenridge St. Camillus	HU8-5518
NY	Steve Fisher Sales	800 Greenwood Ave. New York	HY9-6691
ND	Bonament Heyda	6101 Auto Club Rd, Minneapolis, Minn	TU1-9166
Ohio	J W Lehner Co	367 Brynhild Rd, Columbus, Ohio	AM8-5250
Okla	Spivey-Cole Co	7547 Wilmerdean, Houston, Tex	MI9-1221
Ore	Roger Minthorne	0673 S.W. Taylor's Ferry Rd, Portland	CH6-4556
Pa	Ferrell S Carmine	14 Knickerbocker Dr. Newark, Del	EN8-7603
Pa	J W Lehner Co	367 Brynhild, Columbus, Ohio	AM8-5250
RI	Lawrence B Cole	2300 Washington, Newton Lwr Falls, Mass	DE2-2490
SD	Bonament Heyda	6101 Auto Club Rd, Minneapolis, Minn	TU1-9166
Tex	Spivey-Cole Co	7547 Wilmerdean, Houston	MI9-1221
Tex	Spivey-Cole Co	2909 Sherwood Ln. Denton	DU2-6017
Utah	S R Ross, Inc	1712 S State, Salt Lake City	DA8-0591
Vt	Lawrence B Cole	2300 Washington, Newton Lwr Falls, Mass	DE2-2490
Va	Ferrell S Carmine	14 Knickerbocker Dr. Newark, Del	EN8-7603
Wash	Roger Minthorne	0673 S.W. Taylor's Ferry Rd, Portland, Ore	CH6-4556
W. Va	J W Lehner Co	367 Brynhild Rd, Columbus, Ohio	AM8-5250
Wisc	William Linz	6322 N. Cicero Ave, Chicago, Ill	MU5-2022
For	Barrie Byrd Services	1724 N LaSalle, Chicago, Ill	DE7-2795
•	**SENSITIVE RESEARCH INSTRUMENT CORP**	**310 Main St, New Rochelle, NY**	**BE5-2300**
	#6 *180 E 365-880-895-1330-1735-1795		
Ala	Bivens & Caldwell Inc	3110 Maple Dr. NE. Atlanta, Ga	CE3-7522
Alaska	Arva Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
Ark	Arnold Barnes Co	3603 Lemmon Ave, Dallas 19, Tex	LA6-8735
Ariz	McCarthy Assoc. Inc	1055 E. Walnut St. Pasadena, Cal	MU1-0439
Ariz	McCarthy Assoc. Inc	3460 Ingraham St. San Diego, Cal	BR4-1100
Cal	McCarthy Associates	1055 E. Walnut St, Pasadena, Cal	RY1-7411
Colo	Lahana & Co	1866 S. Broadway, Denver 10, Colo	PE3-3791
Conn	Yewell Associates	1101 E. Main St, Bridgeport, Conn	FO6-3456
Del	Horman Associates	3006 W. Cold Spring Ln, Baltimore, Md	MO4-8345
DC	Horman Associates	941 Rollins Ave, Rockville, Md	HA7-7560
Fla	Bivins & Caldwell Inc	Box 6941, Orlando	CH1-1091
Ga	Bivins & Caldwell Inc	3110 Maple Dr. NE. Atlanta	CE3-7522
Hawaii	Arva Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
Idaho	Arva Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
Ill	Saffro & Associates	5209 N. Kimball Ave, Chicago, Ill	JU8-0905
Ill	Harris-Hanson Co	2814 S. Brentwood Blvd, St. Louis 17, Mo	MI7-4350
Ind	Law Instrument Co	P.O. Box 95, Angola, Ind	217&8101-R
Iowa	The Hermann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Kan	Harris-Hanson Co	7916 Paseo St. KC 32, Mo	HI4-9494
Ky	Bivins & Caldwell Inc	P.O. Box 5187, High Point, NC	HI2-6873
La	Arnold Barnes Co	3603 Lemmon Ave, Dallas 19, Tex	LA6-8735
Me	Yewell Associates	Middlesex Tnpk, Burlington, Mass	BR2-9000
Md	Horman Associates	941 Rollins Ave, Rockville, Md	HA7-7560
Mass	Yewell Associates	Middlesex Tnpk, Burlington, Mass	BR2-9000
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit 35, Mich	BR3-2900
Minn	Hermann Co	1711 Hawthorne Ave, Mnnpls 3, Mo	FE2-5457
Miss	Arnold Barnes Co	3603 Lemmon Ave, Dallas 19, Tex	LA6-8735
Mo	Harris-Hanson Co	2814 S. Brentwood Blvd, St. Louis, Mo	MI7-4350
Mont	Lahana & Co	1886 S. Broadway, Denver, Colo	PE3-3791
Mont	Arva Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
Neb	Hermann Co	1711 Hawthorne Ave, Mnnpls 3, Minn	FE2-5457
Nev	McCarthy Associates	1055 E. Walnut St, Pasadena, Cal	RY1-7411
NH	Yewell Associates	Middlesex Tnpk, Burlington, Mass	BR2-9000
NJ	I E Robinson Co., The	144 Eliz. St. W. Conshohocken, Pa	TA8-6200
NJ	I E Robinson Co	935 Main St, Asbury Park, NJ	KE1-3150
NM	Gene French Co	7900 Zuni Rd. Albuquerque	AM8-2478
NY	J F Wolfelange Co	4505 E. Genesee St, Dewitt 14, NY	GI6-3330
NY	Robert Fleng Co	3407 Delaware Ave, Buffalo 17, NY	BE3757
NY	Yewell Associates	806 Main St, Poughkeepsie, NY	GR1-3456
NC	J L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
ND	The Hermann Co	1711 Hawthorne Ave, Mnnpls 3, Minn	FE2-5457
Ohio	S Sterling Co	5627 Mayfield Ave, Cleveland 24, Ohio	HI2-8080
Ohio	S Sterling Co	15310 W. McNichols Rd, Detroit 35, Mich	BR3-2900
Okla	Arnold Barnes Co	3603 Lemmon Ave, Dallas 19, Tex	LA6-8735
Ore	Arva Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
Pa	I E Robinson Co., The	Box 187, Camp Hill	RE7-6791
Pa	S Sterling Co	4232 Brownsville Rd. Pittsbgh 27	TU4-5515

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Pa	I E Robinson Co., The	144 Elizabeth St. W. Conshohocken	TA8-6200
RI	Yewell Associates	Middlesex Tnpk, Burlington, Mass	BR2-9000
SC	J L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
SD	The Hermann Co	1711 Hawthorne Ave, Mnnpls 3, Minn	FE2-5457
Tenn	Bivins & Caldwell	P.O. Box 5187, High Point, NC	HI2-6873
Tex	Arnold Barnes Co	3603 Lemmon Ave, Dallas 19, Tex	LA6-8735
Utah	Lahana & Co	1886 S. Broadway, Denver, Colo	PE3-3791
Vt	Yewell Associates	806 Main St, Poughkeepsie, NY	GR1-3456
Va	J L Highsmith & Co	3733 Monroe Rd, Charlotte, NC	FR7-2546
Va	Horman Associates	941 Rollins Ave, Rockville, Md	HA7-7560
Wash	Arva Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
W Va	S Sterling Co	4232 Brownsville Rd. Pittsbgh 27, Pa	TU4-5515
Wisc	Saffro & Associates	5209 N. Kimball Ave, Chicago 25, Ill	JU8-0905
Wyo	Lahana & Co	1886 S. Broadway, Denver, Colo	PE3-3791
Foreign	AD Auriema Inc	85 Broad St, New York 4, NY	BO9-7750
	SEQUOIA WIRE & CABLE CO SUB ANACONDA WIRE & CABLE CO	**2201 Bay Rd, Redwood City, Cal**	**EM9-0331**
	190-1290-1960		
	SERDEX INC	**12 Bowdoin Sq, Boston, Mass**	**CA7-7160**
	G Santo #2 *10 A 360-895		
Cal	H W Baker Co	288 7th St. SF	HE1-3997
Cal	W E Ferris	422 W. Roses Rd. San Gabriel	AT1-8399
Ill	Garden City Instruments Inc	931 Sherman Ave. Evanston	
Mich	George Instrument Co	599 E. Jefferson Ave. Detroit	WO3-7863
NJ	Flowprocess Eqpt. Co	Box 56, Summit	CR3-0623
NC	Associated Agents Inc	3408 Rockingham Rd. Greensboro	CY9-5832
Pa	Tyler Griffin	32 S. Fairfield Rd, Devon, Pa	MU8-4821
Wash	Walsh Assoc	1138 Poplar Pl. Seattle	EA2-1155
For	Ad Auriema Inc	85 Broad St. NY 4, NY	BO9-7750
•	**SERVO CORP OF AMERICA**	**111 New South Rd, Hicksville, NY**	**WE8-9700**
	J Orr #125 *400 F 45-150-235-325-330-338-360-410-775-865-885-895-930-955-1125-1135-1330-1425-1475-1510-1790-1870		
Ala	Gentry Associates, Inc	1851 Oak Ln. Orlando, Fla	GA4-0730
Ariz	Servo Corp of America	6711 S Sepulveda Blvd. LA, Cal	OR8-2244
Cal	Servo Corp of America	6711 S Sepulveda Blvd. LA	OR8-2244
Colo	Scientific Instrument Co	1460 Pennsylvania St, Denver 3, Colo	AL5-2777
Conn	Servo Corp of America	50 Jason St. Arlington, Mass	MI6-7193
Del	Servo Corp of America	Station Rd. Cheyney, Pa	EX9-4447
DC	Servo Corp of America	3831 Beech Ave. Baltimore, Md	CH3-3783
Fla	Gentry Assoc. Inc	1851 Oak Ln. Orlando	GA4-0730
Fla	Edw. G. Holmes & Assoc	1220 Edgewater Dr. Orlando	CH1-2128
Ga	Gentry Assoc. Inc	1851 Oak Ln. Orlando, Fla	GA4-0730
Ga	Edw. G. Holmes & Assoc	4861 Roswell Rd. NE, Atlanta	BL5-6660
Idaho	Western-Electro Dynamics Co	444 Dexter Horton Bldg. Seattle, Wash	MA2-4630
Ill	Pivan Engineering Co	2820 Peterson Ave, Chicago 45, Ill	BR4-9135
Ind	Pivan Engineering Co	2820 Peterson Ave, Chicago 45, Ill	BR4-9135
Iowa	Pivan Engineering Co	2820 Peterson Ave, Chicago 45, Ill	BR4-9135
Ky	Pivan Engineering Co	2820 Peterson Ave, Chicago 45, Ill	BR4-9135
Ky	Electro Sales Assoc	281 E 216 St. Euclid, Ohio	RE2-7444
Me	Servo Corp of America	50 Jason St. Arlington, Mass	MI6-7193
Md	Servo Corp of America	3831 Beech Ave. Baltimore	CH3-3783
Mass	Servo Corp of America	50 Jason St. Arlington	MI6-7193
Mich	Custom Engineering Co	2975 Far Hills Ave, Dayton 19, Ohio	
Mich	Electro Sales Assoc	24600 Wiedeman Rd. Mt Clemens	[illegible]
Minn	Dewco Inc	95 Cromwell, St. Paul 14, Minn	MI6-2671
Miss	Gentry Assoc. Inc	1851 Oak Ln. Orlando, Fla	GA4-0730
Nev	Servo Corp of America	6711 S Sepulveda Blvd. LA 45, Cal	OR8-2244
NH	Servo Corp of America	50 Jason St. Arlington, Mass	MI6-7193
NM	Servo Corp of America	6711 S Sepulveda Blvd. LA 45, Cal	OR8-2244
NC	M J McDonald Co	Rt. 1, Pfafftown	WA4-2182
NC	Edward G. Holmes & Assoc	441 W Market St. Greensboro	BR2-0855
Ohio	Custom Engineering Co	2975 Far Hills Ave, Dayton 19, Ohio	BA6-1663
Ohio	Electro Sales Assoc	Box 143, Debel Sta. Dayton 20	CH4-5551
Okla	John A Green Co	7118 Envoy Ct, Dallas 7, Tex	FL1-9547
Ore	Western Electro-Dynamics	444 Dexter Horton Bldg. Seattle, Wash	MA2-4630
Pa	Servo Corp of America	Station Rd. Cheyney	EX9-4447
RI	Servo Corp of America	50 Jason St. Arlington, Mass	MI6-7193
SC	M J McDonald Co	Rt. 1, Pfafftown, NC	WA4-2182
Tenn	M J McDonald Co	RT. 1, Pfafftown, NC	WA4-2182
Tex	John A Green Co	7118 Envoy Ct, Dallas 7, Tex	FL1-9547
Tex	Wallace Assoc	2979 Freewood Dr. Dallas	FL7-8401
Utah	Scientific Instrument Co	1460 Pennsylvania St. Denver 3, Colo	AL5-2777
Vt	Servo Corp of America	50 Jason St. Arlington, Mass	MI6-7193
Va	Servo Corp of America	3831 Beech Ave. Baltimore 11, Md	CH3-3783
Wash	Western-Electro Dynamics	444 Dexter Horton Bldg. Seattle 4	MA2-4630
Wash	Harry Levinson Co	1211 E Denny Way, Seattle 22	EA3-5100
W. Va	Public Relations Research Svc	Park Bldg. Pittsburgh 22, Pa	CO1-4464
W Va	Electro Sales Assoc	281 E 216th St. Euclid 23, Ohio	RE2-7444
Wisc	Dewco Inc	95 Cromwell, St. Paul 14, Minn	MI6-2671
Wyo	Scientific Instrument Co	1460 Pennsylvania St. Denver 3, Colo	AL5-2777
Can	Radionics, Ltd	8230 Mayrand St. Montreal 9, Que	RE9-5517
For	Szucs International	50 Broad St. New York 4, NY	WH4-7959
	SERVO DEVELOPMENT CORP	**2 Willis Ct. Hicksville, NY**	**OV1-4343**
	P Rosenberg #5 *17 C 150-338-895-1810		
Ala	Argus Industries Inc	P O Box 68, Warminster, Pa	OS5-4131
Ariz	Dyna Sales	4645 E. Olympic Blvd, L A 22, Cal	AN8-3814
Ark	Southern Industrial Electronics, Inc	538 Braniff Bldg. Dallas 35, Tex	FL2-3901
Cal	Dyna Sales	4645 E. Olympic Blvd, L A 22, Cal	AN8-3814
Conn	American Dynamics	145 Main St. Maynard, Mass	TW7-7293
Del	Argus Industries Inc	P O Box 68, Warminster, Pa	OS5-4131
DC	Argus Industries Inc	P O Box 68, Warminster, Pa	OS5-4131
Fla	Argus Industries Inc	P O Box 68, Warminster, Pa	OS5-4131
Ga	Argus Industries Inc	P O Box 68, Warminster, Pa	OS5-4131
Kan	Southern Industrial Electronics Inc	538 Braniff Bldg. Dallas 35, Tex	FL2-3901
La	Southern Industrial Electronics Inc	538 Braniff Bldg. Dallas 35, Tex	FL2-3901
Md	Argus Industries Inc	P O Box 68, Warminster, Pa	OS5-4131
Mass	American Dynamics	145 Main St. Maynard	TW7-7293
Mo	Southern Industrial Electronics Inc	538 Braniff Bldg. Dallas 35, Tex	FL2-3901
NH	American Dynamics	145 Main St. Maynard, Mass	TW7-7293
NJ	Creek Corp	P O Box 104, Roslyn, NY	MA1-7410

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Dyna Sales	4645 E. Olympic Blvd, L A 22, Cal	AN8-3914
NY	Creek Corp	P O Box 104, Roslyn	MA1-7410
NC	Argus Industries Inc	P O Box 68, Warminster, Pa	OS5-4131
Pa	Argus Industries Inc	P O Box 68, Warminster, Pa	OS5-4131
RI	American Dynamics	145 Main St, Maynard, Mass	TW7-7293
SC	Argus Industries Inc	P O Box 68, Warminster, Pa	OS5-4131
Tenn	Argus Industries Inc	P O Box 68, Warminster, Pa	OS5-4131
Tex	Southern Industrial Electronics Inc	538 Braniff Bldg, Dallas 35	FL2-7801
Vt	American Dynamics	145 Main St, Maynard, Mass	TW7-7293
Va	Argus Industries Inc	P O Box 68, Warminster, Pa	OS5-4131
W Va	Argus Industries Inc	P O Box 68, Warminster, Pa	OS5-4131
	SERVODYNE CORP	**74 Lowley St. Boston 22, Mass**	**AY2-0600**
	R French #5 *7 A 1135		
	SERVOMECHANISMS INC	**200 N. Aviation Blvd. El Segundo, Cal**	**OS5-7111**
	C Zachie #120 *700 F 20-35-325-338-670-895-915-1145-1135-1165-1330-1340-1455-1850-1855		
Ala	Kemp Eng Co	507 Franklin St, Huntsville	534-5151
Cal	Transdynamics Inc	44 Encina Ave, Palo Alto	DA6-6527
Colo	Transdynamics Inc	3385 S. Bannock St. Englewood	SU9-1544
Idah	Seatronics Inc	Box 2126, Idaho Falls	JA2-7592
Ill	Hugh Marsland & Co	5814 Lincoln Ave, Chicago 45, Ill	OR6-1100
Ind	Hugh Marsland & Co	4780 E. 10th St, Indianapolis 19, Ind	FL6-4149
Minn	Hugh Marsland & Co	231 N. Edgewood Ave, Minneapolis, Minn	LI5-4481
Mo	Kemp Eng. Co	6414 "A" Hampton St. St. Louis	FL1-2175
NJ	Servomechanisms Inc	515 5th St, Riverside, NJ	HO1-1650
NY	Mechatrol Div	1200 Prospect Ave, Westbury, NY	ED3-5000
Ohio	Servomechanisms Inc	1107 Third Nat'l. Bldg, Dayton 2	BA2-2113
Tex	Kemp Eng. Co	Box 13251, Dallas 20	FL7-6663
Wash	Seatronics Inc	1617 Norman St, Seattle 44	EA3-8545
	SERVOMEX CONTROLS LIMITED	**Crowborough, Sussex, England**	**CR1247**
	E Bell 150-338-360-365-610-895-1150-1165-1340-1455-1555-1610		
Can	Glendon Instruments Ltd	45 Crockford Blvd, Scarborough, Ont.	
	SERVONIC INSTRUMENTS, INC	**1644 Whittier Ave. Costa Mesa, Cal**	**MA6-2427**
	R Stockmesser #6 *115 E 895-1330-1625-1655-1735-1850		
Ariz	Brooks, Fenger & Assoc	34-A E 1st St. Scottsdale	WH5-2111
Cal	Instrumentation Sales	5002 Crenshaw Blvd, Los Angeles, Cal	AX2-0395
Colo	Brooks Fenger & Associates	1041 S. Broadway, Englewood, Colo	SU1-7375
Conn	General Measurements Co	1108 Beacon St, Newton Highlands 61, Mass	WO9-9150
Del	J W Richard Co	125 Coverstone Rd, Bryn Mawr, Pa	LA5-4517
DC	J W Richard Co	125 Coverstone Rd, Bryn Mawr, Pa	LA5-4517
Idah	Brooks, Fenger & Assoc	1041 S Broadway, Englewood, Colo	SU1-7375
Ill	Anderson Automation	15 E. View St, Lombard, Ill	
Ind	Sabullo Co., The	4514 N Woodward Ave, Royal Oak, Mich	JO6-2375
Iowa	George E Harris Co	516 Merchants Nat'l Bank, Cedar Rapids	EM2-6302
Kan	George E Harris & Co	2522 E Douglas Ave, Wichita 8	MU2-2731
Ky	Sabullo Co., The	765 W Ohio Pike, Cincinnati 45, Ohio	PL2-6683
Me	General Measurements Co., Inc	1108 Beacon St, Newton Highlands, Mass	
Md	J W Richard Co	125 Coverstone, Bryn Mawr, Pa	LA5-4517
Mass	General Measurements Co	1108 Beacon St, Newton Highlands, Mass	
Mich	Sabullo Co., The	4514 N Woodward Ave, Royal Oak	JO6-2375
Minn	G E Amesser & Co	1407 Holdridge Ln, Wayzata, Minn	
Mo	George E Harris & Co	1527 Congress Bldg, Kansas City	WE1-4884
Mont	Brooks, Fenger & Assoc	251 Rio Grand, Salt Lake City, Utah	EL9-2427
Neb	George E Harris Co	1523 E Douglas Ave, Wichita 8, Kan	CA8-0600
Nev	Brooks, Fenger & Assoc	251 Rio Grand, Salt Lake City, Utah	EL9-2427
NH	General Measurements	1108 Beacon St, Newton Highlands, Mass	
NJ	John Richard	Rt 46, Pinebrook, NJ	CA8-0600
NM	Brooks, Fenger & Assoc	5610 Domingo Rd, NE, Albuquerque	AM8-1724
NY	John Richard	Rt 46, Pinebrook, NY	CA8-0600
ND	G E Amesser & Co	1407 Holdridge Ln, Wayzata, Minn	
Ohio	Sabullo Co., The	16801 Euclid Ave, Cleveland 12	IV6-2600
Ohio	Sabullo Co., The	765 W Ohio Pike, Cincinnati 45	PL2-6683
Okla	George E Harris & Co	1345 W Hurst Blvd, Hurst, Tex	AT4-0551
Ore	George E Harris & Co	444 Dexter Horton Bldg, Seattle, Wash	MA4-1673
Pa	Sabullo Co., The	982 Perry Hwy, Pittsburgh	WE1-5230
RI	General Measurements	1108 Beacon St, Newton Highlands, Mass	
SD	G E Amesser & Co	1407 Holdridge Ln, Wayzata, Minn	
Tex	George E Harris & Co	1345 W Hurst Blvd, Hurst	AT4-0551
Utah	Brooks, Fenger & Assoc	251 Rio Grand, Salt Lake City	EL9-2427
Vt	General Measurements	1108 Beacon St, Newton Highlands, Mass	
Wash	George E Harris & Co	444 Dexter Horton Bldg, Seattle	MA4-1673
W Va	Sabullo Co., The	982 Perry Hwy, Pittsburgh, Pa	WE1-5230
Wis	Anderson Automation	15 E View St, Lombard, Ill	MA7-1094
Wyo	Brooks, Fenger & Assoc	1041 S Broadway, Englewood, Colo	SU1-7375
	SERVONICS INC	**822 N. Henry St, Alexandria, Va**	**TE6-6800**
	334-895-1555		
	SERVO-TEK PRODUCTS CO	**1086 Goffle Rd, Hawthorne, NJ**	**HA7-3100**
	J Duffy *85 B 20-105-275-320-338-360-535-895-955-1165-1340-1455-1460		
Cal	Servo-Tek of Cal	14736 Arminta St. Van Nuys	
Mass	Forbes Engineering Co	19 Flint St, Salem, Mass	PI4-1693
	SERVOTRONICS INC	**190 Gruner Rd. Buffalo 25, NY**	**TX6-6105**
	E Troff #5 *30 C 20-320-1550-1555-1850-1920		
Ala	Parrott Assoc	Box 6967, Orlando, Fla	MI4-0065
Conn	J A Kenneth Co. Inc	9 Smith St. Glen Head, NY	OR6-1355
Del	H R Potts Co	Box 516, Levittown, Pa	WI6-6881
DC	H R Potts Co	Box 516, Levittown, Pa	WI6-6881
Fla	Parrott Assoc	Box 6967, Orlando	MI4-0065
Ill	Harry C Jackson	615 E. 31st St. La Grange Pk	FL1-4653
Ill	John Durbin Co	Box 5859, St. Louis, Mo	JA1-1233
Ind	Harry C Jackson	615 E. 31st St. La Grange Pk, Ill	FL4-6925
Iowa	John Durbin Co	Box 5859, St. Louis, Mo	JA1-1233
Kan	John Durbin Co	Box 5859, St. Louis, Mo	JA1-1233
Me	J A Kenneth Co. Inc	9 Smith St. Glen Head, NY	OR6-1355
Md	H R Potts Co	Box 516, Levittown, Pa	WI6-6881
Mass	J A Kenneth Co. Inc	9 Smith St. Glen Head, NY	OR6-1355
Mich	Robert B Turon Co	Box 2106, Dearborn	CR6-6160
Minn	Harry C Jackson	615 E. 31st St. La Grange Pk. Ill	FL4-6925
Mo	John Durbin Co	Box 5859, St. Louis	JA1-1233
NH	J A Kenneth Co. Inc	9 Smith St. Glen Head, NY	OR6-1355
NJ	H R Potts Co	Box 516, Levittown, Pa	WI6-6881
NY	Eng. Components	Box 184, Syracuse	HE7-8181
NY	J A Kenneth Co. Inc	9 Smith St. Glen Head	OR6-1355
Okla	Servo/Electronics Prod. Co	Box 13371, Dallas, Tex	FL1-4653
Pa	H R Potts Co	Box 516, Levittown	WI6-6881
RI	J A Kenneth Co. Inc	9 Smith St. Glen Head, NY	OR6-1355
Tex	Servo/Electronics Prod. Co	Box 13371, Dallas	FL1-4653
Vt	J A Kenneth Co. Inc	9 Smith St. Glen Head, NY	OR6-1355
Va	H R Potts Co	Box 516, Levittown, Pa	WI6-6881
W Va	H R Potts Co	Box 516, Levittown, Pa	WI6-6881
Wis	Harry C Jackson	615 E. 31st St. La Grange Pk. Ill	FL4-6925
Can	J A Kenneth Co. Inc	9 Smith St. Glen Head, NY	OR6-1355
	SESSIONS & SON, J H	**280 Riverside Ave, Bristol, Conn**	**LU2-3127**
	J Sessions *75 D 785-1120		
Ill	Clarence E Mix	333 N. Mich. Ave. Chicago 1	FR2-7100
	SET SCREW MFG CO	**470 Main St, Bartlett, Ill**	
	645-1535		
	SETCHELL-CARLSON, INC	**New Brighton, St Paul 12, Minn**	**ME3-3131**
	D Borsell #5 *200 E 895-1255-1425-1675		
Ala	Maitland K Smith, Inc	2905 Canada Rd, Birmingham 13	TR1-9341
Ariz	Barstow & Doran	1406 S. Grand Ave, Los Angeles, Cal	RI8-6191
Ark	Berthold Sales Co	4411 Maple Ave, Dallas, Tex	LA6-8329
Cal	Barstow & Doran	1406 S. Grand Ave, Los Angeles, Cal	RI8-6191
Cal	Featherstone & Salisbury	1355 Market St, San Francisco, Cal	UN1-1456
Colo	Peyser & Co	1501 N. Weber St, Colorado Spring, Colo	ME4-3401
Del	Erde-Haviland Assoc	333 Hempstead Ave, Malverne, NY	LY9-6500
DC	Erde-Haviland Assoc	333 Hempstead Ave, Malverne, NY	LY9-6500
Ga	Maitland K Smith, Inc	208 14th St. NW, Atlanta	TR5-8031
Haw	Av-Tronic Sales Co	1253 King St. Honolulu	501-138
Idah	Marsh Agencies, Inc	2601 1st Ave, Seattle 1, Wash	MA2-8761
Idaho	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Ind	Robert Milok Co	19371 Jas Couzens Hghwy, Detroit, Mich	BR3-3552
Ky	Edwards-Lohse & Co	2123 E. 9th St. Cleveland 15, Ohio	TO1-5753
La	Berthold Sales Co	4411 Maple Ave, Dallas, Tex	LA6-8329
Md	Erde-Haviland Assoc	333 Hempstead Ave, Malverne, NY	LY9-6500
Mich	Robert Milok Co	19371 Jas Couzens Hghwy, Detroit, Mich	BR3-3552
Miss	Maitland K Smith, Inc	2905 Canada Rd, Birmingham 13, Ala	TR1-9341
Nev	Barstow & Doran	1406 S Grand Ave, Los Angeles, Cal	RI8-6191
Nev	Barstow & Doran Inc	1406 S. Grand, Los Angeles, Cal	RI8-6191
NJ	Erde-Haviland Assoc	333 Hempstead Ave, Malverne, NY	LY9-6500
NM	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
NY	Erde-Haviland Assoc	333 Hempstead Ave, Malverne	LY9-6500
NY	Mersey Sales, Inc	529 Merchants Rd, Rochester 9	HU2-4133
NC	M K Smith, Inc	920 W Hill St, Charlotte	FR6-5950
Ohio	Edwards-Lohse & Co	2123 E. 9th St, Cleveland 15, Ohio	TO1-5753
Okla	Berthold Sales Co	4411 Maple Ave, Dallas, Tex	LA6-8329
Ore	Marsh Agencies	2601 1st Ave, Seattle 1, Wash	MA2-8761
Pa	Bell & Whitaker Inc	3623 Jacksonwald Ave, Reading, Pa	FR5-6837
Pa	Edwards-Lohse & Co	2123 E. 9th, Cleveland 15, Ohio	TO1-5753
Pa	William Cooper	3225 Princeton Ave, Philadelphia	DA4-1037
SC	M K Smith, Inc	920 W Hill St, Charlotte, NC	FR6-5950
Tenn	M K Smith, Inc	920 W Hill St, Charlotte, NC	FR6-5950
Tex	Berthold Sales Co	4411 Maple Ave, Dallas, Tex	LA6-8329
Utah	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Va	Erde-Haviland Assoc	333 Hempstead Ave, Malverne, NY	LY9-6500
Wash	Marsh Agencies	2601 1st Ave, Seattle 1, Wash	MA2-8761
W. Va	Edwards-Lohse & Co	2123 E. 9th, Cleveland 15, Ohio	TO1-5753
Wyo	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Foreign	Schnel International Inc	5919 N. Lincoln, Chicago 45, Ill	LO1-7832
	SETH THOMAS DIV OF GENERAL TIME CORP	**Main St, Thomaston, Conn**	**AT3-4323**
	A Magery #4 *100 E 338		
Cal	Schloss Mfg Co	540 Mission St, San Francisco	EX2-1063
	SEXTON CAN CO., INC	**31 Cross St, Everett 49, Mass**	**DU7-2500**
	R Pickering #2 *357 210		
Cal	Yarbrough Sales Co	2636 Mission St. San Marino, Cal	
Ill	Russ Diethert Co., Inc	2130 N. Montrose Ave, Chicago 18, Ill	
NC	Russ Diethert Co	Box 510, Gastonia, NC	
W. VA	Sexton Can Co., Inc	Box 886, Martinsburg, W. Va	
Wisc	Sexton Can Co., Inc	402 Marion Rd, Oshkosh, Wisc	
	SHAKEPROOF DIV ILL TOOL WKS	**St. Charles Rd, Elgin, Ill**	**SH1-7900**
	E Lange #35 *[illegible] 645-1205-1535-1940		
Cal	Shakeproof Division	100 Lomita St. El Segundo	SP2-2127
Mich	Shakeproof Division	1409 E. State Fair, Detroit 3, Mich	TW1-1080
NY	Shakeproof Division	180 S. Broadway, White Plains, NY	WH6-1801
	SHALLCROSS MFG CO	**Selma, NC**	**WO5-2341**
	D O'Halloran #15 *199 E 50-338-450-895-1150-1330-1475-1735		
Ala	K O Brown Co	Dixie Bldg, Greensboro, NC	BR3-5973
Alaska	C B Parsons & Co	3028 First Ave, Seattle 1, Wash	MU2-6780
Ariz	Vinson Assoc	3600 Lincoln, Englewood, Colo	SU9-2203
Ark	K O Brown Co	8400 Westchester Dr, Dallas 25, Tex	EM1-2351
Cal	Arvin Bell Co	7012 Figueroa St, Los Angeles 42	CL4-3901
Colo	Vinson Associates	3600 S. Lincoln, Englewood, Colo	SU9-2203
Conn	Eltron Engineering Sales, Inc	2741 Whitney Ave, Hamden, Conn	AT8-5276
Del	Danco Corp	Germantown Pike, Fairview Village, Pa	BR5-3500
DC	Danco Corp	Germantown Pike, Fairview Village, Pa	BR5-3500
Fla	Charles Proctor Co	Box 3185, Orlando	GA5-7601
Ga	K O Brown Co	Dixie Bldg, Greensboro, NC	BR3-5973
Idaho	C B Parsons & Co	3028 First Ave, Seattle 1, Wash	MU2-6780
Ill	Jay C Angel & Co	2743 W. Peterson Ave, Chicago 45, Ill	UP8-0553
Ind	A C Wahl Co., Inc	121 Mill St, Lockland, Ohio	VA1-3270
Iowa	Jay C Angel & Co	2743 W. Peterson Ave, Chicago 45, Ill	UP8-0553
Kan	R R Burton Co	6737 Holmes St. Kansas City 31, Mo	JA3-02[illegible]
Ky	A C Wahl Co., Inc	121 Mill St, Lockland, Ohio	VA1-32[illegible]
La	K O Brown Co	8400 Westchester Dr, Dallas 25, Tex	EM1-235[illegible]
Me	Eltron Engineering Sales Inc	246 Walnut St, Newtonville, Mass	DE2-69[illegible]
Md	Danco Corp	Germantown Pike, Fairview Village, Pa	BR5-35[illegible]
Mass	Eltron Engineering Sales Inc	246 Walnut St, Newtonville, Mass	DE2-69[illegible]
Mich	Sabullo Co	4512 N. Woodward Ave, Royal Oak, Mich	LI9-30[illegible]
Minn	Jay C Angel & Co	2743 W. Peterson Ave, Chicago 45, Ill	UP8-05[illegible]
Mo	R R Burton Co	6737 Holmes St. Kansas City 31	JA3-02[illegible]
Mont	C B Parsons & Co	3028 First Ave, Seattle 1, Wash	MU2-67[illegible]
Neb	R R Burton Co	6737 Holmes St. Kansas City 31, Mo	JA3-02[illegible]
NH	Eltron Engineering Sales Inc	246 Walnut St, Newtonville, Mass	DE2-69[illegible]
NJ	B B Taylor Corp	2270 Grand Ave, Baldwin, NY	BA3-80[illegible]
NM	Vinson Associates	3600 S. Lincoln Englewood, Colo	SU9-22[illegible]
NY	Tom Ferguson	Box 3893, Rochester 10	HU2-77[illegible]
NY	B B Taylor Corp	2270 Grand Ave, Baldwin, NY	BA3-80[illegible]
NY	J F W Wiltange Jr	4905 E. Genesee St, DeWitt 14, NY	GI6-33[illegible]
NC	K O Brown Co	Dixie Bldg, Greensboro	BR3-59[illegible]
Ohio	A C Wahl Co., Inc	121 Mill St, Lockland, Ohio	VA1-32[illegible]
Okla	T J Ray Co	4514 E 31st Pl, Tulsa 41	NA7-15[illegible]
Ore	C B Parsons & Co	3028 First Ave, Seattle 1, Wash	MU2-67[illegible]
Pa	Danco Corp	Germantown Pike, Fairview Village	BR5-35[illegible]
RI	Eltron Engineering Sales Inc	246 Walnut St, Newtonville 60, Mass	DE2-69[illegible]
SC	K O Brown Co	Dixie Bldg, Greensboro, NC	BR3-59[illegible]
Tenn	K O Brown Co	Dixie Bldg, Greensboro, NC	BR3-59[illegible]
Tex	K O Brown Co	8400 Westchester Dr, Dallas 25	EM1-23[illegible]
Utah	Vinson Associates	3600 S. Lincoln Englewood, Colo	SU9-22[illegible]
Vt	Eltron Engineering Sales Inc	246 Walnut St, Newtonville 60, Mass	DE2-69[illegible]
Va	K O Brown Co	Dixie Bldg, Greensboro, NC	BR3-59[illegible]
Wash	C B Parsons & Co	3028 First Ave, Seattle 1, Wash	MU2-67[illegible]
W. Va	Sabullo Co	4512 N. Woodward Ave, Royal Oak, Mich	LI9-30[illegible]
Wisc	Jay C Angel	2743 W. Peterson Ave, Chicago 45, Ill	UP8-05[illegible]
	SHALLITE INC	**128 W. First Ave, Roselle, NJ**	**CH5-90[illegible]**
	C Krouse #5 *12 A 1475		
Md	William M Jones Co	1107 Echo Ct, N., Towson 4, Md	VA1-24[illegible]
Ohio	Jay Engineering Co	P.O. Box 175, Sta A, Dayton 3, Ohio	CL3-215[illegible]
	SHAMBAN & CO, W S	**11617 W. Jefferson, Culver City, Cal**	**EX7-219[illegible]**
	C Wolff *500 1290		
Cal	Bob Huffman	4298 Wilkie Way, Palo Alto	
Ill	Jim Hahr	17445 Morningside Dr. Villa Park	
Ind	Herb Witte	4102 Meadows Dr. Indpls.	
Kan	Dick Wolfe	8814 Slater Dr. Overland Park	
Mass	Ron Pearl	43 Johnson Pl. Auburndale 66	
Mich	Jim Cavanaugh	1548 Foley, Ypsilanti	
NY	Bill Whitney	25 Minetta Ln. NY 12	
Ohio	Jack Hamer	5357 Strawberry Ln. Willoughby	
	SHANNON LUMINOUS MATERIALS CO	**7356 Santa Monica Blvd, Hollywood, Cal**	**HO7-550[illegible]**
	T Hook #4 *20 B 30-265-700-890-900-970-990-1100-1240-1930		
•	**SHAPIRO & EDWARDS**	**1130 Mission St. S Pasadena, Cal**	**MU2-385[illegible]**
	G Newhouse #2 *8 B 25-365-895-915-990-1455-1850		
Cal	George Bourke Co	9191 E Whittier Blvd, Whittier	OX1-778[illegible]
	SHAW INSTRUMENT CORP	**P. O. Box G-46, Latrobe, Pa**	**KE9-162[illegible]**
	B Bencher #12 *60 D 240-895-1545-1850		
	SHAW INSULATOR CO	**276 Snyder Ave. Berkeley Hts. NJ**	**464-1000**
	J Brown #4 *100 E 1285-1290-1785		
	SHAWMUT ENGINEERING CO	**195 Freeport St, Boston, Mass**	**TA5-321[illegible]**
	W Bjorn #6 *100 C 210-360-490-895-1120-1125-1290-1420-1460-1575-1855		
	SHEARCUT TOOL CO	**7045 Darby Ave, Reseda, Cal**	**DI2-518[illegible]**
	1825		
	SHEFFCO MFG CORP	**323 Bergen Blvd, Fairview, NJ**	**WH5-130[illegible]**
	R Sheppard #2 *100 E 65-230-240-900-1125-1290-1940		
Ark	W T Blackburn Assoc	Box 13073, Dallas 20, Tex	FL1-0230
Cal	Moore Sales Co	Box 851, Menlo Pk	DA3-0023
Cal	Al J Rissi	8417 E. Las Tunas Dr, San Gabriel, Cal	CU3-7614
Conn	R S Pettigrew & Co	10 N. Main St, W. Hartford, Conn	AD3-8533
Conn	R S Pettigrew & Co	45 Main St, Natick, Mass	OL3-6480
Del	Joseph L Glaser Co	P.O. Box 547, Bryn Mawr, Pa	LA5-5953
DC	Joseph L Glaser Co	P.O. Box 547, Bryn Mawr, Pa	LA5-5953
Fla	DuBovy Assoc	610 N. Orange Ave. Orlando	CH1-1684
Ill	Wesley L Wilson Co	5912 W. Higgins Ave. Chicago 30	AV2-5535
Ind	Wesley L Wilson Co	5912 W. Higgins Ave. Chicago 30, Ill	AV2-5535
Ky	Lawrence E Welt	37702 Euclid Ave. Willoughby, Ohio	IV6-3500
Me	R S Pettigrew & Co	10 N. Main St, W. Hartford, Conn	AD3-8533
Me	R S Pettigrew & Co	45 Main St, Natick, Mass	OL3-6480
Md	Joseph L Glaser Co	P.O. Box 547, Bryn Mawr, Pa	LA5-5953
Mass	R S Pettigrew & Co	10 N. Main St, W. Hartford, Conn	AD3-8533
Mass	R S Pettigrew & Co	45 Main St, Natick, Mass	OL3-6480
Nev	Al J Rissi	8417 E. Las Tunas Dr, San Gabriel, Cal	AT6-1476
NH	R S Pettigrew & Co	10 N. Main St, W. Hartford, Conn	AD3-8533
NH	R S Pettigrew & Co	45 Main St, Natick, Mass	OL3-6480
NJ	Stephen Lamb Associates	60 E. 42nd St, New York, NY	MU7-8655
NJ	L G Thomas Co	610 Palisade Ave, Englewood Cliffs, NJ	LO7-3555
NY	Robert E Lee	Green Valley, Pittsford, NY	LU6-7041
NC	J N Pomeranz	P.O. Box 205, Sanford, NC	SP4-8011
Ohio	Lawrence E Welt	37702 Euclid Ave, Willoughby	IV6-3500
Okla	W T Blackburn Assoc	Box 13073, Dallas 20, Tex	FL1-0230
Pa	Joseph L Glaser Co	P.O. Box 547, Bryn Mawr, Pa	LA5-5953
Pa	Lawrence E Welt	37702 Euclid Ave, Willoughby, Ohio	IV6-3500
RI	R S Pettigrew & Co	10 N. Main St, W. Hartford, Conn	AD3-8533
RI	R S Pettigrew & Co	45 Main St, Natick, Mass	OL3-6480
SC	J N Pomeranz	P.O. Box 205, Sanford, NC	SP4-8011
Tex	W T Blackburn Assoc	Box 13073, Dallas 20	FL1-0230
Vt	R S Pettigrew & Co	10 N. Main St, W. Hartford, Conn	AD3-8533
Vt	R S Pettigrew & Co	45 Main St, Natick, Mass	OL3-6480

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	Joseph L Glaser Co	P.O. Box 547, Bryn Mawr, Pa	LA5-5953
Va	Lawrence E Weit	37302 Euclid Ave, Willoughby, Ohio	IV6-3500
s	Wesley L Wilson Co	5912 W Higgins Ave, Chicago 30, Ill	AV2-5535
nada	Parmenter & Bulloch Ltd	Gananoque, Ontario, Canada	191
	SHEFFIELD CORP, SUB BENDIX CORP	**Box 893, Dayton 1 Ohio**	**CL4-5377**
	N Jeglum #20 *800 G 360-490-895-1075-1810		
a	D G Machinery & Gage Co	2828 Northeast Freeway, Atlanta 24, Ga	ME6-1482
iz	Red-Lu Tool & Supply Co	3217 E. Washington St, Phoenix, Ariz	BR5-7898
	Bud Watts Machinery Co	1450 Mississippi, Memphis, Tenn	WH2-2497
	Sheffield Western Corp	[illegible], Glendale, Cal	CI4-8431
	Carling Abrasive & Tool Co	2195 Palou Ave, San Francisco 24, Cal	AT8-6524
	Ivar J Esterson Co	1725 E. 17th Ave, Denver 18, Colo	EA2-7733
	F W Blanchette Co	845 Bloomfield Ave, Clifton, NJ	GR1-2100
	W H Courtie Co	62 LaSalle Rd, W. Hartford 9, Conn	AD6-2503
l	P A Patterson Co, Inc	3133 N. Broad St, Philadelphia 32, Pa	BA9-1250
	P A Patterson Co, Inc	3133 N. Broad St, Philadelphia 32, Pa	BA9-1250
	D G Machinery & Gage Co	724 Commonwealth Bldg, Miami 32, Fla	FR4-7741
	D G Machinery & Gage Co	2828 Northeast Freeway, Atlanta 24, Ga	ME6-1482
	Sheffield Illinois Sales Corp	2130 N. Harlem Ave, Chicago 35, Ill	GL6-8784
d	Sheffield Indiana Sales Corp	2735 E 38th St, Indpls 18	LI5-4341
wa	J F Berg Co	1706 25th St, Rock Island, Ill	RO8-1916
n	Claude Marr & Associates	2514 E. Douglas, Wichita 7, Kan	MU2-4579
	Sheffield Central Sales Co	1651 Plainfield Rd, Cincinnati 36, Ohio	EA2-7733
	Engineering Sales Co	115 Parkhouse, Dallas 7, Tex	RI1-9015
	Sheffield Tool Corp	16 Bliss Ave, Hebronville, Mass	AT1-2423
d	P A Patterson Co, Inc	3133 N. Broad St, Philadelphia 32, Pa	BA9-1250
ass	The Sheffield Tool Corp	16 Bliss Ave, Hebronville, Mass	AT1-2423
ich	Sheffield Michigan Sales	14031 Puritan Ave, Detroit 27, Mich	VE7-2052
nn	G G O'Brien	3029 Georgia Ave, St. Louis Pk, Memphis	WE9-6916
iss	Bud Watts Machinery	1450 Mississippi, Memphis 16, Tenn	WH2-2497
o	Louis J DePriest III	404 Park Rd, St. Louis 19, Mo	HO2-7622
o	Slade Ives	1421 McGee St, Kansas City 6, Mo	GR1-1749
eb	Slade Ives	1421 McGee St, Kansas City 6, Mo	GR1-1749
ev	Carling Abrasive & Tool	2195 Palou Ave, San Francisco 24, Cal	AT8-6524
H	W H Courtie Co	62 LaSalle Rd, W. Hartford 7, Conn	AD6-2503
h	Sheffield Tool Corp	16 Bliss Ave, Hebronville, Mass	AT1-2423
J	P A Patterson Inc	3133 N. Broad St, Philadelphia 32, Pa	BA9-1250
J	F W Blanchette Co	845 Bloomfield Ave, Clifton, NJ	GR1-2100
M	Ivar J Esterson	1725 E. 17th Ave, Denver 18, Colo	EA2-7733
Y	F W Blanchette Co	845 Bloomfield Ave, Clifton, NJ	GR1-2100
Y	E A Slate	Box 84, Gasport, NY	LO3-3778
Y	Don Mercer Co	303 Burlington Rd, Syracuse 12, NY	GI6-5230
C	Crotts & Saunders Engr Inc	235 N. Main St, Winston-Salem, NC	PA4-0163
hio	W J Greenleaf Co	712 Franklin Ave, Pittsburgh, Pa	CH1-6967
hio	W W Pound Mach & Tool Co	Box 72, Perrysburg, Ohio	TR4-4391
hio	Sheffield Mich Corp, Cleveland Div		MA1-5752
hio	Sheffield Corp	216 N Main St, Hudson	OL3-6575
kla	Hank J Fink	136 S. 69th E. Ave, Tulsa, Okla	TE6-4230
re	F P Rogers Co	520 First Ave, S. Seattle 4, Wash	MA2-7667
a	B Minch & E Stone	P O Box 445, Pittsburgh 30	GR1-4461
a	P A Patterson Co, Inc	3133 N. Broad, Philadelphia 32, Pa	BA9-1250
RI	Sheffield Tool Corp	16 Bliss Ave, Hebronville, Mass	AT1-2423
SC	D G Machinery & Gage	2828 Northeast Fwy, Atlanta 24, Ga	ME6-1482
SC	Crotts & Saunders	235 N. Main St, Winston Salem, NC	PA4-0163
Tenn	Bud Watts Machinery	1450 Mississippi Ave, Memphis, Tenn	WH2-2497
Tenn	Bud Watts Machinery	4118 Alamerie St, Chattanooga 11, Tenn	MA4-5408
Tex	Paul Langdale	5949 Arnold St, Houston, Tex	WA6-1858
Tex	Engineering Sales Co	115 Parkhouse, Dallas 7, Tex	RI1-9015
Utah	Ivar J Esterson Co	1725 E. 17 Ave, Denver 18, Colo	EA2-7733
Vt	W H Courtie Co	62 LaSalle Rd, W. Hartford 7, Conn	AD6-2503
Va	Crotts & Saunders	235 N. Main St, Winston Salem, NC	PA4-0163
Va	P A Patterson Co	3133 N. Broad St, Philadelphia 32, Pa	BA9-1250
Wash	F P Rogers Co	520 First Ave, S., Seattle 4, Wash	MA2-7667
W Va	W J Greenleaf Co	512 Franklin Ave, Pittsburg, Pa	CH1-6967
Wisc	John L McCoy Co	4035 W. Capitol Dr, Milwaukee 16, Wisc	UP1-9151
Wyo	Ivar J Esterson Co	1725 E. 17 Ave, Denver 18, Colo	EA2-7733
Canada	Sheffield Tool & Gage of Can Ltd	7100 Tecumseh Rd, Windsor, Ontario, Canada	
Foreign	Sheffield Corp of Aus Pty Ltd	P.O. Box 71, Clayton, Victoria, Australia	
Foreign	M P J Gauge & Tool Co Ltd	Hanson Bridge Rd, Erdington, Birmingham 24, England	
	SHELL CHEMICAL CO	**50 W 50 St, New York 20, NY**	**JU6-5000**
	G 30-1290		
Cal	Shell Chemical Co	10642 Downey Ave, Downey	SP3-0601
Ga	Shell Chemical Co	56 Marietta St, NW, Atlanta 3	JA5-7621
Ill	Shell Chemical Co	6054 W Touhy Ave, Chicago 48	SP4-6711
Mass	Shell Chemical Co	900 Park Sq Bldg, Boston	LI2-9540
Mo	Shell Chemical Co	212 S Central Ave, Clayton	PA6-1181
NY	Shell Chemical Co	42-76 Main St, Flushing 55	FL3-4700
Ohio	Shell Chemical Co	20575 Center Ridge Rd, Cleveland 16	ED3-1400
Tex	Shell Chemical Co	Box 2099, Houston 1	CA2-1181
	SHELTERED WORKSHOPS INC	**2521 5th St, Santa Monica, Cal**	**EX9-7741**
	J Anthony #3 *100 A		
Cal	Sheltered Workshops Inc	10835 Hawthorne Blvd, Lennox	OR4-2657
	SHEPARD LABORATORIES, INC	**480 Morris Ave, Summit, NJ**	**CR3-3255**
	E Quinby #4 *40 C 338-1435		
	SHEPHERD INDUSTRIES INC	**103 Park Ave, Nutley 10, NJ**	**NO7-0055**
	O Paslowsky #4 *50 C 338-895-1435-1750		
DC	L G White & Co, Inc	885 Bonifant St, Silver Spring, Md	JU5-3141
Md	L G White & Co, Inc	212 Washington Ave, Towson 4	VA3-8701
Mass	L L Schley Co	70 Coolidge Hill Rd, Watertown	WA6-0235
Mich	Dayton Assoc	15332 Kennette, Southgate	AV5-3125
Minn	Paul Jensen	2285 University Ave, St. Paul	MI6-7456
NJ	Insurumentation Sales C	Box 403, Ridgewood	GI5-5210
NY	L L Schley Co	Box 214, Dewitt	GI6-1642
NC	L G White & Co, Inc	Box 2356, Winston-Salem	PA5-3612
Ohio	Dayton Assoc	Talbott Tower, Dayton 2	BA3-9621
Okla	C D Daniels Co	Box 8511, Tulsa	LU4-1142

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Tex	Servo/Electronic Prods. Co	Box 13371, Dallas 20	FL1-4653
For	Controls & Instruments Co	15 E. 40th St, NY, NY	MU5-5231
	SHERMAN MFG CO., H B	**22 Barney St, Battle Creek, Mich**	**WO4-7104**
	1780-1825		
Alaska	McB Co	P.O. Box 1452, Spenard, Alaska	2-4301
Cal	C L Powers	P.O. Box 1145, Whittier, Cal	OW1-4526
Ga	Cobb & Lester Inc	171 Simpson St, N.W., Atlanta, Ga	MU8-3191
Ill	F Glenn Moore	310 N. Stratford Rd, Arlington Heights	CL5-8794
Ind	G M Reno	501 N. Van Buren, Auburn, Ind	1210
Iowa	D A Hutchinson	4116 Franklin Ave, Des Moines 10, Iowa	BL5-5561
Ky	Paul L Taylor	9207 Hunter Rd, Lyndon, Ky	TW5-1131
Mass	George H Read	230 Boylston St, Boston 16, Mass	CO7-8929
Minn	Munyon & Wood	4020 Minnehaha Blvd, Minneapolis 15	WA6-6551
NM	C J Mackey Associates	P.O. Box 988, Albuquerque, NM	
NY	T J Crofton Associates	30 Rockefeller Plaza, New York 20, NY	CI7-5782
Pa	H S van Rensler	337 Lincoln Ave, Lansdowne, Pa	CL9-4423
Tex	R B Wilbur	106 Express St, Dallas 7, Tex	RI8-6145
Wash	William A Matzke	809 Terminal Sales Bldg, Seattle 1, Wash	MA4-6525
Canada	Electronic Components Ltd	14 Plastics Ave, Toronto 18, Ontario	CL9-2379
	SHERMAN PAPER PRODS CORP	**156 Oak St, Newton Upper Falls, Mass**	**LA7-4980**
	1220-1225		
•	**SHEROLD CRYSTALS, INC**	**1510 McGee St, Kansas City, Mo**	**VI2-9792**
	K Thomson #8 *85 E 410-415-845-1215		
Ariz	Samuel O Jewett Co	Box 172, Scottsdale	WH5-9711
Cal	Samuel O Jewett Co	13111 Ventura Blvd, N. Hollywood	ST9-8103
Fla	Winfield Electronic Sales Co	666 NE 125th St, N. Miami	PL1-5566
Ill	D Dolin Sales	3553 W. Peterson, Chicago 45	JU8-3738
Ind	Ralph J Haffey Co	6629 Coldwater Rd, Ft. Wayne	TR7-381
Md	Leff-Ender	11 Pennmont Ln, Levittown, NJ	TR7-4040
Mich	Ralph J Haffey	6629 Coldwater Rd, Ft. Wayne, Ind	TR7-831
Minn	D Dolin Sales	3553 W. Peterson, Chicago 45, Ill	JU8-3738
NJ	Leff & Ender	South of Trenton	TR7-4040
NY	Laux-Noel	332 Springfield Ave, Summit, NJ	CR3-8350
Ohio	Ralph J Haffey Co	6629 Coldwater Rd, Ft. Wayne, Ind	TR7-381
Wis	D Dolin Sales	3553 W. Peterson, Chicago 45, Ill	JU8-3738
	SHERWOOD ELECTRONIC LABS, INC	**4300 N. California Ave, Chicago 18, Ill**	**IR8-7300**
	A Fields Jr #6 *150 E 895-1200-1425-1895		
Ala	Maitland K Smith Co	3133 Woodcliff Circle, Birmingham 13	TR9-7197
Cal	D J Bacher Co	1415 Bayshore Blvd, San Francisco	JU7-0211
Cal	Chas A Hanson	1406 S. Grand Ave, Los Angeles 15, Cal	RI9-6191
Colo	Hyde Electronic Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Fla	Maitland K Smith Co	[illegible] Riverside Dr, Ormond Beach	OR7-[illegible]
Ga	Maitland K Smith Co	208 14th St, N.W., Atlanta 13, Ga	TR5-8031
Ill	Triangle Elect Sales	77 E Fairfax Ave, Palatine	SP4-1444
Ind	Edwin H Schulz Co	721 Sherwood Dr, Indianapolis 20, Ind	CL5-1993
Kan	N W Kathrinus & Co	4766 Cambridge Ave, Kansas City 3, Kan	JO2-4108
Mass	Anderson Sales	177 State St, Boston 9, Mass	CA7-2[illegible]
Mich	J M Flora Inc	[illegible] Grand Rapids	LE2-2632
Mich	J M Flora Inc	Territorial & Ridgewood Ave, Plymouth	GL3-4296
Minn	Northern States Sales Co	1400 Park Ave, Minneapolis 4, Minn	FE6-4658
Mo	N W Kathrinus & Co	4356 Duncan Ave, St Louis 10, Mo	OL2-7005
NM	Hyde Electronic Co	5606 Constitution Ave, N.E., Albuquerque	AM8-1111
NY	Land-C-Air Sales	75 Main St, Tuckahoe	WO1-4700
NY	Land-C-Air Sales	18 Howard St, Silver Creek	YE4-3070
NC	Maitland K Smith Co	920 W. Hill St, Charlotte 8, NC	FR6-5950
Ohio	Rod W Peters	350 E. 215th St, Euclid 23, Ohio	AN1-2330
Ore	R Merritt Co	[illegible], Portland 9	CA2-7337
Pa	Land-C-Air Sales	[illegible] Rd, Philadelphia	GR7-2975
Tex	E L Wilks Co	1212 Camp St, Dallas 2, Tex	RI7-2637
Utah	Hyde Electronic Co	2803 Connor St, Salt Lake City, Utah	IN7-5763
Va	Land-C-Air Sales Co	201 Epsilon Pl, Annandale, Va	JE3-7310
Wash	R Merritt Co	1320 Prospect St, Seattle 9, Wash	MU2-7337
Wash	R Merritt Co	E. 127 Augusta Ave, Spokane 10, Wash	FA5-2557
Canada	H Roy Gray Ltd	46 Danforth Rd, Toronto 13, Canada	OX1-1131
Canada	R Merritt Co	355 Burrard St, Vancouver 2, B C, Canada	PA3[illegible]
For	Hill-Burro Inc	549 W Washington Blvd, Chicago, Ill	AN3-6420
	SHIELDALLOY CORP	**Newfield, NJ**	**OX2-4200**
	J Collins #3 *90 E 240-1125		
Cal	E W Rainey	Box 1476, San Mateo	FI1-8967
Cal	Gordon Sondraker & Co	4700 E 48th St, Los Angeles 58	LU7-2224
Mich	Walter H Fischer	14360 Livernois Ave, Detroit 38, Mich	TO9-2373
NY	Whitehead Metals Inc	303 W. 10th St, New York 14, NY	WA4-1500
Pa	William N Brand	530 Woodland Ave, Oakmont, Pa	OA2624
Wisc	Wenco Representatives	155 E. Silver Springs Dr, Milwaukee	ED2-7705
•	**SHIELDING INC**	**Box 33, Riverton, NJ**	**829-5200**
	T Roeth #2 *54 E 255-590-750-1135-1575		
Ala	E G Holmes & Associates	4969 Roswell Rd, N.E., Atlanta, Ga	BL5-6660
Ariz	Williams & Associates	3221 Silver Ave, S.E., Albuquerque, NM	AL5-9632
Ark	Mitchell Speairs Co	4944 James Ave, Ft. Worth, Tex	WA6-4445
Cal	Carl A Stone Assoc	N. 825 N. San Antonio Rd, Palo Alto	DA1-2724
Cal	Carl A Stone & Associates	8971 National Blvd, Los Angeles 34, Cal	UP0-7771
Colo	Williams & Associates	2261 S. Albion St, Denver 4, Colo	SK6-9403
Conn	J V Walsh & Assoc	Box 59, Teaneck, NJ	TE6-5700
Del	J A Maguire & Co	721 Market St, Camden, NJ	WO6-3118
DC	J A Maguire & Co	5716 York Rd, Baltimore 3, Md	ID3-2613
Fla	E G Holmes & Associates	1220 Edgewater Dr, Orlando, Fla	CH1-2428
Ga	E G Holmes & Associates	4969 Roswell Rd, N.E., Atlanta, Ga	BL5-6660
Idaho	Williams & Associates	2261 S. Albion St, Denver 4, Colo	SK6-9403
Ill	R Edward Stemm Inc	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Ind	R Edward Stemm Inc	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Iowa	R Edward Stemm Inc	123 S. Third St, Minneapolis 1, Minn	FE5-7172
La	Mitchell Speairs Co	4944 James Ave, Ft. Worth, Tex	WA6-4445
Me	J V Walsh & Assoc	Box 59, Teaneck, NJ	TE6-5700
Md	J A Maguire & Co	5716 York Rd, Baltimore 3	ID3-2613
Mass	J V Walsh & Assoc	Box 59, Teaneck, NJ	TE6-5700
Minn	R Edward Stemm Inc	123 S. Third St, Minneapolis 1, Minn	FE5-7172

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Neb	Williams & Associates	2261 S. Albion St, Denver 4, Colo	SK6-9403
Nev	Carl A Stone & Associates	8971 National Blvd, Los Angeles 34, Cal	UP0-7771
NH	J V Walsh & Assoc	Box 59, Teaneck, NJ	TE6-5700
NJ	J A Maguire & Co	116 N. Seventh St, Camden, NJ	WO6-3118
NM	Williams & Associates	3221 Silver Ave, S.E., Albuquerque, NM	AL5-9632
NY	J V Walsh & Assoc	Box 59, Teaneck, NJ	TE6-5700
NC	J A Maguire & Co	5716 York Rd, Baltimore 3, Md	ID3-2613
Okla	Mitchell Speairs Co	4944 James Ave, Ft. Worth, Tex	WA6-4445
Ore	G M Gillett	4621 7th Ave, S. Seattle 8, Wash	MA3-5755
Pa	J A Maguire & Co	721 Market St, Camden, NJ	WO6-3118
RI	J V Walsh & Assoc	Box 59, Teaneck, NJ	TE6-5700
SC	E G Holmes & Assoc	4969 Roswell Rd, NE, Atlanta, Ga	BL5-6660
Tenn	J A Maguire & Co	Baltimore 3, Md	ID3-2613
Tex	Mitchell Speairs Co	4944 James Ave, Ft. Worth, Tex	WA6-4445
Utah	Williams & Associates	2261 S. Albion St, Denver 4, Colo	SK6-9403
Vt	J V Walsh & Assoc	Box 59, Teaneck, NJ	TE6-5700
Va	J A Maguire & Co	5716 York Rd, Baltimore 3, Md	ID3-2613
Wash	G M Gillett	4621 7th Ave, S. Seattle	MA3-5755
Wisc	R Edward Stemm Inc	123 S. Third St, Minneapolis 1, Minn	FE5-7172
Wyo	Williams & Associates	2261 S. Albion St, Denver 4, Colo	SK6-9403
Canada	Stark Electronic Sales Co	P.O. Box 670, Ajax, Ontario, Canada	AJ125
Can	Ben Mann Associates Reg'd	5317 Prince of Wales Ave, Montreal, Que	HU6-1475
•	**SHIMADA PHYSICAL & CHEMICAL INDUSTRIAL CO**	**415 Shibazakicho, Chofu City, Tokyo, Japan**	**0229-4101-6**
	S Enjoji #70 *600 C 895-1135		
•	**SHINWA TSUSHINKI K K**	**943, 4-Chome, Shimotakaido, Suginamiku, Tokyo, Japan**	
	S Kariya #30 *130 C 325-895-1425-1845-1870		
	SHOCKLEY TRANSISTOR UNIT CLEVITE TRANSISTOR	**Stanford Ind. Park Palo Alto, Cal**	**DA1-2121**
	F Newman *160 500		
Ark	Norvell Assoc	3603 Lemmon Ave, Dallas 19, Tex	LA6-7861
Ariz	Shepherd-Winters Co, Inc	3193 Cahuenga Blvd, Hollywood, Cal	HO6-2171
Cal	Ault Assoc	120 Santa Margarita, Menlo Pk	DA6-1760
Cal	Shepherd-Winters Co, Inc	3193 Cahuenga Blvd, Hollywood	HO6-2171
Colo	Hytronic Measurements Inc	1295 S. Bannock St, Denver	PE3-3701
Conn	Dynamic Devices Inc	2385 Main St, Stratford	DR8-0436
Idah	Harry Levinson Co	1211 E. Denny Way, Seattle 22, Wash	
Ill	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie	OR5-6700
Ind	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Iowa	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Ky	Sheridan Assoc, Inc	4217 N. Main St, Dayton 5, Ohio	CR7-7213
La	Norvell Assoc	3603 Lemmon Ave, Dallas 19, Tex	LA6-7861
Me	Dynamic Devices Inc	11 Albion St, Wakefield, Mass	CR6-6049
Mass	Dynamic Devices Inc	11 Albion St, Wakefield	CR6-6049
Mich	Sheridan Assoc, Inc	Box 7486, Cleve, Ohio	CR7-7213
Minn	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Nev	Ault Assoc	120 Santa Margarita, Menlo Pk, Cal	DA5-1760
NH	Dynamic Devices Inc	11 Albion St, Wakefield, Mass	CR6-6049
NJ	Kenneth E Hughes Co, Inc	4808 Bergenline Ave, Union City	UN7-3204
NM	Hytronic Measurements Inc	212 Sierra SE, Albuquerque	AL5-0969
NY	S B M Assoc, Inc	177 Winton Rd, N, Rochester 10	OL4-8440
NY	SBM Inc	232 Roosevelt Dr, Utica	RE2-4410
NY	S B M Inc	Nowlan Rd, R. D. 3, Binghamton	RA2-2648
NY	S B M Inc	1943 W. Fayette St, Syracuse	HO8-5041
Ohio	Sheridan Assoc, Inc	Roselawn Center Bldg, Cinc 37	ME1-2460
Okla	Norvell Assoc	3603 Lemmon Ave, Dallas 19, Tex	LA5-7861
Ore	Harry Levinson Co	1211 E. Denny Way, Seattle 22, Wash	EA3-5100
Pa	Kenneth E Hughes Co, Inc	101 N. 33rd St, Phila	EV6-3130
Pa	Sheridan Assoc, Inc	Box 7486, Cleve, Ohio	TU4-8050
RI	Dynamic Devices Inc	2385 Main St, Stratford, Conn	DR8-0436
Tex	Norvell Assoc	3603 Lemmon Ave, Dallas 19	LA6-7861
Utah	Hytronic Measurements Inc	2022 S. Main St, Salt Lake City	IN6-4924
Vt	Dynamic Devices Inc	11 Albion St, Wakefield, Mass	CR6-6049
Wash	Harry Levinson Co	1211 E. Denny Way, Seattle 22	EA3-5100
Wis	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Wyo	Hytronic Measurements Inc	1295 S. Bannock St, Denver, Colo	PE3-3701
•	**SHRADER CO**	**11625 S. Broadway, Los Angeles, Cal**	**PL6-9166**
	460-1080-1085		
Ariz	Lee Redman Equipment Co	610 S. 19th Ave, Phoenix, Ariz	AL8-3794
Cal	R M Hoffman Co	405 S. Sunnyvale, Sunnyvale, Cal	RE9-6580
Cal	Owen Bucket Co, Ltd	2nd & Gilman Sts, Berkeley 10, Cal	
Colo	Krippner & Polley	1166 Elati St, Denver 4, Colo	
Mo	Syntron Kansas City	2551 Warwick Trfwy, Kansas City 8, Mo	VI2-8[illegible]
Ohio	Construction Equipment of Maumee	514 Ramie Blvd, Toledo 5, Ohio	OX3-5451
Ore	Syntron Seattle	410 S.E. 33 Ave, Portland 12, Ore	BE2-5[illegible]
Pa	W D Shields Jr	[illegible] Bldg, Pittsburgh 22, Pa	GR1-6[illegible]
Tex	Proler Steel Corp	5270 Clinton Dr, Houston 1, Tex	OR4-8[illegible]
Utah	Syntron Salt Lake City	Box 2392, Salt Lake City 10, Utah	HU5-1271
Wash	Syntron Seattle	16223 8 Ave, S., Seattle 88, Wash	CH6250
	SHURE BROTHERS INC	**222 Hartrey Ave, Evanston, Ill**	**DA8-9000**
	C McCabe *500 895-1130-1270		
Ala	James Millar Associates	1036 Peachtree St, N.E., Atlanta 5, Ga	TR6-0919
Alaska	Northwestern Agencies Inc	4130 1st Ave, S., Seattle 4, Wash	MA3-8682
Ariz	Jack Berman Co, Inc	1141 S. LaCienega Blvd, L A 35, Cal	OL5-4920
Ark	Campion Sales Co	9002 Chancellor Row, Dallas 35, Tex	FL7-4095
Cal	Jack Berman Co	1141 S. LaCienega Blvd, L A 35, Cal	OL5-8920
Cal	E L Berman Co	921 Bryant St, SF	UN1-2367
Colo	Ralph S Stevenson	2045 Walker Ln, Salt Lake City 17, Utah	CR7-2515
Conn	Stanley A Harris Co	1241 Highland Ave, Needham 92, Mass	HI4-4780
Del	Samuel K MacDonald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
DC	Samuel K MacDonald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
Fla	James Millar Associates	1036 Peachtree St, N.E., Atlanta 5, Ga	TR6-0919
Ga	James Millar Associates	1036 Peachtree St, N.E., Atlanta 5, Ga	TR6-0919
Hawaii	Case Party Factors Inc	2030 Home Rule St, Honolulu 17, Hawaii	83-105
Idaho	Northwestern Agencies Inc	4130 1st Ave, S., Seattle 4, Wash	MA3-8682
Idaho	Ralph S Stevenson	2045 Walker Ln, Salt Lake City 17, Utah	CR7-2515
Ill	Harold C [illegible]	2511 S. Michigan Ave, Chicago 16, Ill	CA5-1450
Ill	Omar H Smith Co	225 W. Huron St, Chicago 10, Ill	SU7-7919

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ill	Forristall-Young Sales Co	8147 Delmar Blvd, St. Louis 24, Mo	PA5-7701
Ill	Ray R Hutmacher Assoc. Inc	6868 Northwest Hwy. Chicago	NE1-3248
Ind	Harold C Bergman	2011 S. Michigan Ave, Chicago 16, Ill	CA5-1450
Ind	McFadden Sales Co	150 E. Broad St, Columbus 15, Ohio	CA1-3363
Iowa	Forristall-Young Sales Co	8147 Delmar Blvd, St. Louis 24, Mo	PA5-7701
Iowa	Ray R Hutmacher Assoc. Inc	6868 Northwest Hwy. Chicago, Ill	NE1-3248
Kan	Forristall-Young Sales Co	8147 Delmar Blvd, St. Louis 24, Mo	PA5-7701
Ky	McFadden Sales Co	150 E. Broad St, Columbus 15, Ohio	CA1-3363
La	Campion Sales Co	9002 Chancellor Row, Dallas 35, Tex	FL7-4095
Me	Stanley A Harris Co	1241 Highland Ave, Needham 92, Mass	HI4-4780
Md	Samuel K MacDonald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
Mass	Stanley A Harris Co	1241 Highland Ave, Needham 92, Mass	HI4-4780
Mich	Lee & Hale Co	16432 W. McNichols, Detroit 21, Mich	UN3-4161
Minn	Fred B Hill Co	6110 Excelsior Blvd, Mnpls 16, Minn	WE9-6727
Miss	Campion Sales Co	9002 Chancellor Row, Dallas 35, Tex	FL7-4095
Mo	Forristall-Young Sales Co	8147 Delmar Blvd, St. Louis 24, Mo	PA5-7701
Mont	Ralph S Stevenson	2045 Walker Ln, Salt Lake City 17, Utah	CR7-2515
Mont	Northwestern Agencies Inc	4130 1st Ave. S., Seattle 4, Wash	MA3-8882
Neb	Forristall-Young Sales Co	8147 Delmar Blvd, St. Louis 24, Mo	PA5-7701
Nev	Ralph S Stevenson	2045 Walker Ln, Salt Lake City 17, Utah	CR7-2515
Nev	E L Berman Co	450 8th St, San Francisco 3, Cal	UN3-0317
NH	Stanley A Harris Co	1241 Highland Ave, Needham 92, Mass	HI4-4780
NJ	F Edwin Schmitt Co	136 Liberty St, New York 6, NY	WO2-6550
NJ	S W Simberkoff	175 Oakwood Ave. Orange	OR4-4100
NM	Ralph S Stevenson	2045 Walker Ln, Salt Lake City 17, Utah	CR7-2515
NY	F Edwin Schmitt Co	136 Liberty St, New York 6, NY	WO2-6550
NC	James Miller Associates	1036 Peachtree St, N.E., Atlanta 5, Ga	TR6-0919
ND	Fred B Hill Co	6110 Excelsior Blvd, Mnpls 16, Minn	WE9-6727
Ohio	McFadden Sales Co	150 E. Broad St, Columbus 15, Ohio	CA1-3363
Okla	Campion Sales Co	9002 Chancellor Row, Dallas 35, Tex	FL7-4095
Ore	Northwestern Agencies Inc	4130 1st Ave. S., Seattle 4, Wash	MA3-8882
Pa	Samuel K MacDonald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
RI	Stanley A Harris Co	1241 Highland Ave, Needham 92, Mass	HI4-4780
SC	James Miller Associates	1036 Peachtree St, N.E., Atlanta 5, Ga	TR6-0919
SD	Fred B Hill Co	6110 Excelsior Blvd, Mnpls 16, Minn	WE9-6727
Tenn	James Miller Associates	1036 Peachtree St, N.E. Atlanta 5, Ga	TR6-0919
Tex	Campion Sales Co	9002 Chancellor Row, Dallas 35, Tex	FL7-4095
Utah	Ralph S Stevenson	2045 Walker Ln, Salt Lake City 17, Utah	CR7-2515
Vt	Stanley A Harris Co	1241 Highland Ave, Needham 92, Mass	HI4-4780
Va	Samuel K MacDonald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
Wash	Northwestern Agencies Inc	4130 1st Ave. S., Seattle 4, Wash	MA3-8882
W Va	Samuel K MacDonald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
Wisc	W H Ellinger Sales Co	6571 N. Olmsted, Chicago 31, Ill	RO3-4154
Wisc	Fred B Hill Co	6110 Excelsior Blvd, Mnpls 16, Minn	WE9-6727
Wyo	Ralph S Stevenson	2045 Walker Ln, Salt Lake City 17, Utah	CR7-2515
	SHURITE METERS	**100 Wallace St, New Haven, Conn**	**ST7-5826**
	E Ericson #95		
Ala	James Miller Associates	1036 Peachtree St, N.E., Atlanta, Ga	TR6-0919
Alaska	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
Ariz	A J Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	PE3-5528
Ark	Crockett Sales Co., The	2204 Griffin St, Dallas 1, Tex	RI8-8209
Cal	F W Mouting Co	1530 E. 12th St, Oakland	AN1-1676
Cal	Howard M Saul & Associates	6015 San Vicente Blvd, Los Angeles	WE8-3591
Colo	A J Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	PE3-5528
Conn	Adams-McGregor Associates	66 Lakeview Rd, Lincoln, RI	PA6-1300
DC	Wessely Assoc	6607 Riverdale Rd, Riverdale, Md	AP7-1023
Fla	James Miller Associates	1036 Peachtree St, N.E., Atlanta, Ga	TR6-0919
Ga	James Miller Associates	1036 Peachtree St, N.E., Atlanta, Ga	TR6-0919
Haw	Jim Haslin Sales Co	Box 2098, Honolulu 5	HA9-5141
Idaho	A J Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	PE3-5529
Ill	Instrument Sales Co	4518 W. Lawrence Ave, Chicago	KI5-7777
Ind	Walter H Diebenich & Sons	3817 Plaza Dr, Fort Wayne 5, Ind	KE2471
Iowa	Instrument Sales Co	4518 W. Lawrence Ave, Chicago, Ill	KI5-7777
Ky	Charles H Duffus Jr & Co	21 W & Payne Ave, Cleveland 14, Ohio	PR1-1270
La	Crockett Sales Co., The	2204 Griffin St, Dallas 1, Tex	RI8-8209
Me	Adams-McGregor Associates	66 Lakeview Rd, Lincoln, RI	PA6-1300
Md	Wessely Assoc	6607 Riverdale Rd, Riverdale	AP7-1023
Mass	Adams-McGregor Associates	66 Lakeview Rd, Lincoln, RI	PA6-1300
Mich	Herschen-Jensen & Co	2842 W. Grand Blvd, Detroit 2, Mich	TR1-0398
Minn	The Hamann Co	1711 Hawthorne Ave, Minneapolis 5, Minn	FE2-5457
Miss	Crockett Sales Co., The	2204 Griffin St, Dallas 1, Tex	RI8-8209
Mo	H A Roes & Co	3911 Cherry St, Kansas City 8, Mo	BA1-0865
Mont	A J Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	PE3-5528
Nev	A J Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	PE3-5528
NH	Adams-McGregor Associates	66 Lakeview Rd, Lincoln, RI	PA6-1300
NJ	D F Tobias & Co	P.O. Box 222, Syracuse, NY	GI6-0422
NM	A J Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	PE3-5528
NY	D F Tobias & Co	30 Church St, New York 7, NY	CO7-4349
NY	Frank D Taylor Co., Inc	P.O. Box 222, Syracuse, NY	GI6-0422
NC	James Miller Associates	1036 Peachtree St, N.E., Atlanta, Ga	TR6-0919
Ohio	Charles H Duffus Jr & Co	21 W & Payne Ave, Cleveland 14, Ohio	PR1-1270
Ore	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
Pa	Wessely Assoc	529 Brookhurst Ave, Narberth	MO4-4200
Pa	Gene S Root & Co	733 Vallevista Ave, Pittsburgh 34, Pa	LO1-4125
RI	Adams-McGregor Associates	66 Lakeview Rd, Lincoln, RI	PA6-1300
SC	James Miller Associates	1036 Peachtree St, N.E., Atlanta, Ga	TR6-0919
Tex	Lund & Co	2215 N. Olive St. Dallas 14	RI8-8639
Utah	A J Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	PE3-5528
Vt	Adams-McGregor Associates	66 Lakeview Rd, Lincoln, RI	PA6-1300
Va	Wessely Assoc	6607 Riverdale Rd, Riverdale, Md	AP7-1023
Wash	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
W.Va	Gene S Root & Co	733 Vallevista Ave, Pittsburgh 34, Pa	LO1-4125
	SIBLEY CO., THE	**Hamden, Conn**	**DI5-4523**
	D Dewey, Jr #1 *75 D 280-335-1305		
Cal	Rush & Key Electronics	3376 W 1st St, Los Angeles 4, Cal	
Cal	Cashin-Tipton & Assoc	3370 Rosecrans St, San Diego 10, Cal	
Conn	R S Pettigrew & Co	10 N. Main St, W. Hartford, Conn	AD3-8533
Fla	E Raymond & Assoc	P O Box 8715, St Petersburg, Fla	
Mich	Herschen-Jensen & Co	2842 W. Grand Blvd, Detroit 2, Mich	TR1-0398
Minn	Scott Electronic Sales	5209 W 60th St, Mnpls 24, Minn	
Mo	W E Fry & Co	6035 W Florissant Ave, St Louis	
NJ	Murray Sales Co	25 W. Northfield Rd, Livingston, NJ	WY2-0520
	SICKLES F W DIV GENERAL INSTRUMENT CORP	**165 Front St, Chicopee, Mass**	**RE3-6621**
	H Lamothe *180 220-320-450-670-880-1855-1895-1995		
Alas	James J Backer Co	221 W Galer St, Seattle 99, Wash	AT3-6470
Cal	Logan & Stone Co	1485 Bayshore Blvd, San Francisco, Cal	DE4-1200
Cal	General Instrument Corp	3080 Temple St, Los Angeles 26	DU5-5371
Conn	Gerber Sales Co	49 Pearl St, Brookline 46, Mass	BE2-2425
Conn	Todino Engineering Sales	Box 291, West Hartford 7	AD2-3532
DC	C P Simes	Box 5516, Washington 16	
Fla	R F Willett	1987 Oak Lake Dr, Clearwater	4423884
Idah	James J Backer Co	221 W Galer St, Seattle 99, Wash	AT3-6470
Ill	General Instrument Corp	5232 W Diversey Ave, Chicago 39	AV2-6700
Ind	E B Tyler	2309 Florida Dr, Fort Wayne, Ind	AN1684
La	Southwest Electronic Ind	4515 Prentice St, Dallas, Tex	EM3-1671
Me	Todino Engineering Sales Inc	50 Kearney Rd, Needham Hgts, Mass	HI4-7925
Md	C P Simes	Box 5516, Washington 16, DC	
Mass	Gerber Sales Co	49 Pearl St, Brookline 46	BE2-2425
Mich	ABM Sales	10316 Puritan Ave, Detroit 38	UN2-1300
Minn	R G Ragen, Inc	1406 W Idaho Ave, St Paul 13	MI6-7586
Mont	James J Backer Co	221 W Galer St, Seattle 99, Wash	AT3-6470
Nev	Logan & Stone	1485 Bayshore Blvd, San Francisco, Cal	DE4-1200
NH	Todino Engineering Sales Inc	50 Kearney Rd, Needham Hgts, Mass	HI4-7925
NM	Southwest Electronic Ind	4515 Prentice St, Dallas, Tex	EM3-1674
NY	McDonough Assoc	2170 Sheridan Dr, Kenmore	TR3-6681
NY	Conant Assoc	125 E 50th St, New York	EL5-4190
NC	C P Simes	Box 5516, Washington 16, DC	
ND	R G Ragen, Inc	1406 W Idaho Ave, St Paul 13, Minn	MI6-7586
Ohio	G & H Sales Co	P.O. Box 416, Cincinnati, Ohio	JE1-4553
Okla	Southwest Electronic Ind	4515 Prentice St, Dallas, Tex	EM3-1671
Ore	James J Backer Co	221 W Galer St, Seattle 99, Wash	AT2-6470
Pa	Coleman A Beesue	2014 Wharton Rd, Glenside	TU7-1004
RI	Todino Engineering Sales Inc	50 Kearney Rd, Needham Hgts, Mass	HI4-7325
SC	C P Simes	Box 5516, Washington 16, DC	
SD	R G Ragen, Inc	1406 W Idaho Ave, St Paul 13, Minn	MI6-7586
Tex	Southwest Electronic Ind	4515 Prentice St, Dallas, Tex	EM3-1671
Vt	Todino Engineering Sales Inc	50 Kearney Rd, Needham Hgts, Mass	HI4-7925
Va	C P Simes	Box 5516, Washington 16, DC	
Wash	James J Backer Co	221 W Galer St, Seattle 99	AT2-6470
W Va	C P Simes	Box 5516, Washington 16, DC	
Wis	R G Ragen, Inc	1406 W Idaho Ave, St Paul 13, Minn	MI6-7586
For	Ad Auriema, Inc	85 Broad St, New York 4, NY	BO9-7750
	SIDCO	**1729 W. Wash. Blvd. Venice, Cal**	**EX9-0220**
	A Unger B 1825		
Cal	FM Sales Co	Box 224, Menlo Pk	DA5-6258
Cal	Marshank Sales Co	7422 Melrose Ave, Los Angeles, Cal	WE8-2591
Colo	Cox Sales Co	P.O. Box 4701, S. Denver Sta, Denver	PE3-6771
Fla	C "Bud" Tomlow, Jr	Box 5834, Orlando	
Ga	Sam Little Co	2936 Connally Dr. E. Point	761-5353
Ill	Marion L Friedman Co.	2914 Balmoral Ave, Chicago 25, Ill	LO1-4757
Ind	Fishman Associates	1836 Nottingham Dr, Indianapolis, Ind	LI6-5477
Mass	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
Minn	Forrest J. "Doc" Calhoon	3 N. 13th St, Mpls	FE6-8649
Mo	Collins-Havercamp Associates	6957 N. Main St, Kansas City 16, Mo	GL3-4447
NY	Wellgold Electronic Sales Co	200 N. Village Ave, Rockville Centre, NY	RO4-4022
NY	James C Schneider	108 Easton Ave, Buffalo 15, NY	HU6561
Ohio	Thomas Shelby & Co	319 S. Franklin St. New Bremen	6511
Pa	Samuel A Jeffries Inc	115 Forrest Ave Narberth	MO4-8500
Tex	W R Hays Co	3416 Rosedale, Dallas	EM3-2021
Wash	William R Lanphear Co	3215 Western Ave, Seattle 1, Wash	AT4-8150
	SIEMON MANUFACTURING CO	**Box 275, Wayne, Ill**	**JU4-0544**
	L Siemon #3 *40 C 320-330-338-365-550-780-895-915-1165-1330-1745-1810		
Ill	Charles Rossi	2429 N 73rd Ave. Chicago 35	GL6-4710
Ind	W H Myers, Jr	North Webster	TE4-2570
Iowa	Charles Rossi	2429 N 73rd Ave. Chicago 35, Ill	GL6-4710
Mich	W H Myers, Jr	North Webster	TE4-2570
Minn	Charles Rossi	2429 N 73rd Ave, Chicago 35, Ill	GL6-4710
NJ	Harry H Corcoran	Box 394, Tabor	OA7-4146
NY	Harry H Corcoran	Box 394, Tabor, NJ	OA7-4146
NY	Miles M Burke	Park Pl. Caledonia	KE8-2371
NC	Harry H Corcoran	Box 394, Tabor, NJ	OA7-4146
Ohio	W H Myers, Jr	North Webster, Ind	TE4-2570
Pa	Harry H Corcoran	Box 394, Tabor, NJ	OA7-4146
Wis	Charles Rossi	2429 N 73rd Ave. Chicago 35, Ill	GL6-4710
	SIERRA ELECTRIC CORP	**15100 S. Figueroa St, Gardena, Cal**	**FA1-1000**
•	**SIERRA ELECTRONIC CORP**	**3885 Bohannon Dr, Menlo Park, Cal**	**DA6-2060**
	C Vollblond #13 *261 325-670-825-895-1045-1050-1135-1145-1800-1870		
Ala	Bivins & Caldwell	Atlanta, Ga	534-5733
Alas	Arvo Inc	1320 Prospect St, Seattle, Wash	MA2-8177
Ariz	T Louis Snitzer Co	5334 W. Pico Blvd, Los Angeles, Cal	WE8-2074
Ark	Earl Lipscomb Associates	P.O. Box 7084, Dallas, Tex	FL7-1881
Cal	T Louis Snitzer Co	7814 Ivanhoe Ave, La Jolla, Cal	GL4-2116
Cal	T Louis Snitzer Co	5334 W. Pico Blvd, Los Angeles, Cal	WE8-2074
Cal	T Louis Snitzer Co	510 S. Mathilda Ave, Sunnyvale, Cal	RE6-6733
Colo	Williams & Associates	2261-63 S. Albion St, Denver, Colo	SK6-9400
Conn	Bruger Instr Sales	55 Broadway, New Haven	SP7-6279
Del	Brimberg Assoc	1343 H St, NW, Washington, DC	DE2-8000
DC	Brimberg Assoc	1343 H St, NW, Washington	DE2-8000
Fla	Bivins & Caldwell	401 N Fern Creek Ave, Orlando	CH1-1091
Ga	Bivins & Caldwell	3133 Maple Dr, Atlanta, Ga	CE3-7522
Haw	Arvo Inc	Box 2945, Honolulu	295-711
Idah	Arvo Inc	1320 Prospect St, Seattle, Wash	MA2-8177
Idaho	Williams & Associates	2261-63 S. Albion St, Denver, Colo	SK6-9400
Ill	Pivan Engineering Co	3542 Peterson Ave, Chicago	KE9-4833
Ind	Pivan Engineering Co	8202 N College Ave, Indianapolis	VI6-1522
Iowa	Pivan Engineering Co	3542 Peterson Ave, Chicago, Ill	KE9-4833
Kan	LenMark Associates Inc	P.O. Box 8467, Kansas City, Mo	NI2-3313
Ky	Bivins & Caldwell	Box 5187, High Point, NC	88-26873
La	Earl Lipscomb Associates	P.O. Box 7084, Dallas, Tex	FL7-1881
Me	Bruger Instrument Sales	49 Pearl St, Brookline, Mass	BE2-4804
Md	Brimberg Assoc	1343 H St, NW, Washington, DC	DE2-8000
Mass	Bruger Instrument Sales	49 Pearl St, Brookline, Mass	BE2-4804
Mich	Ashby Associates	Talbott Towers, Dayton, Ohio	BA8-8681
Minn	Pivan Engineering	3542 Peterson Ave, Chicago, Ill	KE9-4833
Miss	Bivins & Caldwell	3133 Maple Dr, NE, Atlanta, Ga	233-1141
Mo	LenMark Associates Inc	P.O. Box 8467, Kansas City, Mo	NI2-3313
Mo	LenMark Associates Inc	2000 Big Bend Blvd, St. Louis, Mo	MI7-1470
Mont	Arvo Inc	1320 Prospect St, Seattle, Wash	MA2-8177
Mont	Williams & Associates	2261-63 S. Albion St, Denver, Colo	SK6-9400
Neb	Williams & Associates	2261-63 S. Albion St, Denver, Colo	SK6-9400
Nev	T Louis Snitzer Co	510 S Mathilda Ave, Sunnyvale, Cal	RE6-6733
NH	Bruger Instrument Sales	49 Pearl St, Brookline, Mass	BE2-4804
NJ	Fred F Bartlett Co	18 West Ave, Wayne, Pa	MU8-7377
NM	Williams Assoc	3221 Silver Ave, Albuquerque	AL5-9643
NY	Sdb Assoc	Newton Rd, Binghamton	RA2-2640
NC	Bivins and Caldwell	Box 5187, High Point	88-26873
Ohio	Ashby Associates	Talbott Towers, Dayton, Ohio	BA8-8681
Ohio	Ashby Associates	304 Oak Knoll, S.E., Warren, Ohio	EX3-8065
Okla	Earl Lipscomb Associates	P O Box 7084, Dallas, Tex	FL7-1881
Ore	Arvo Inc	1238 N.W. Glisan, Portland, Ore	CA2-7133
Pa	Fred F Bartlett Co	18 West Ave, Wayne	MU8-7377
RI	Bruger Instrument Sales	49 Pearl St, Brookline, Mass	BE2-4804
SC	Bivins and Caldwell	Box 5187, High Point, NC	88-26873
Tenn	Bivins & Caldwell	Box 5187, High Point, NC	88-26873
Tex	Earl Lipscomb Associates	P.O. Box 7084, Dallas, Tex	FL7-1881
Utah	Williams Assoc	320 E 4th St, Salt Lake City	EM4-1094
Vt	Bruger Instrument Sales	49 Pearl St, Brookline, Mass	BE2-4804
Va	Bivins & Caldwell	P.O. Box 6514, Richmond, Va	EL5-7931
Va	Brimberg Associates	1343 H St, N.W., Washington, DC	DE2-8000
Wash	Arvo Inc	1320 Prospect St, Seattle, Wash	MA2-8177
W Va	Bivins & Caldwell	Box 6514, Richmond, Va	EL5-7931
Wis	Pivan Engineering Co	3542 Peterson Ave, Chicago, Ill	KE9-4833
Wyo	Williams & Associates	2261-63 S. Albion St, Denver, Colo	SK6-9400
Foreign	Frazar & Hansen Ltd	301 Clay St, San Francisco, Cal	EX2-6113
	SIERRA ENGINEERING CO	**123 E. Montecito, Sierra Madre, Cal**	**MU1-9391**
	C Gustafson #35 *200 E 90-185-205-245-250-900-1130-1290-1475-1505-1545		
	SIERRA RESEARCH CORP	**P. O. Box 22, Buffalo 25, NY**	**NF2-8822**
	H Fletcher #18 *55 E 35-325-330-338-365-440-470-1395-1425-1870		
Colo	John D Dawson	3375 W Monmouth, Littleton	PY4-4056
NY	M Raymond Kallman	Box 104, Roslyn	MA1-7410
Ohio	Richard L Weir	70 Sinclair Ave, Dayton 5	CR3-3375
	SIFCO METACHEMICAL INC	**935 E. 63 St, Cleveland 3, Ohio**	**UT1-8600**
	265-560-1305		
Cal	Piddington & Associates Ltd	3254 E. Foothill Blvd, Pasadena, Cal	SY5-8029
NY	Mariane Development Co	153 E. 26th St, New York 10, NY	MU5-9427
Ohio	Ohio Metachemical Inc	2742 2nd St, Cuyahoga Falls, Ohio	WA8-4891
	SIGHTMASTER CORP	**50 Alonzo St, Providence, RI**	**TE1-6200**
	G Glass #4 *125 D 740		
Ala	Morris F Taylor Co	140 Lake Elbert Dr, Winter Haven, Fla	CY4-2941
Alas	William R Lanphear	3215 Western Ave, Seattle, Wash	AT4-8150
Ariz	Uni-Tech Sales Co	6715 Hollywood Blvd, Hollywood, Cal	HO9-0803
Ark	Arkie-Smith Sales Co	P.O. Box 35402, Dallas, Tex	FL7-7276
Cal	Uni-Tech Sales Co	6715 Hollywood Blvd, Hollywood	HO9-0803
Cal	G B Ellis Sales Co	2356 El Camino Real, Mountain View, Cal	EM8-3819
Colo	Raymond E Vinson	P.O. Box 8363, Denver, Colo	SU9-2851
Conn	Henry P Segel	386 Washington St, Brookline, Mass	BE2-7525
Del	Morris F Taylor Co	9500 Buckhorn Rd, Baltimore, Md	NO8-9054
DC	Morris F Taylor Co	9500 Buckhorn Rd, Baltimore, Md	NO8-9054
Fla	Morris F Taylor Co	4304 Corona St, Tampa	87-4071
Ga	Morris F Taylor Co	140 Lake Elbert Dr, Winter Haven, Fla	CY4-2941
Haw	Don H Burcham Co	Box 2145, Honolulu	
Idah	William R Lanphear	3215 Western Ave, Seattle, Wash	AT4-8150
Ill	Frank B Tatro Assoc	6022 N Rogers Ave, Chicago	KE9-4535
Ind	Edwin A Schulz Co	721 Sherwood Dr, Indianapolis, Ind	BR1943
Iowa	Frank B Tatro Assoc	6022 N Rogers Ave, Chicago, Ill	KE9-4535
Kan	Ray J Deane	10825 McGee, Kansas City, Mo	WI2-0130
Ky	Edwin A Schulz Co	721 Sherwood Dr, Indianapolis, Ind	BR1943
La	Arkie-Smith Sales Co	P.O. Box 35402, Dallas, Tex	FL7-7276
Me	Henry P Segel	386 Washington St, Brookline, Mass	BE2-7525
Md	Morris F Taylor Co	9431 Georgia Ave, Silver Spring	JU9-4000
Mass	Henry P Segel	386 Washington St, Brookline, Mass	BE2-7525
Mich	Burcaw-Cowan & Co	22128 Grand River Ave, Detroit, Mich	KE3-7700
Minn	Ray Ripley Assoc	7222 James Ave, S, Minneapolis	UN6-8882
Mo	Ray J Deane	10825 McGee, Kansas City	WI2-0130
Mont	William R Lanphear	3215 Western Ave, Seattle, Wash	AT4-8150
Neb	Ray J Deane	10825 McGee, Kansas City, Mo	WI2-0130
Nev	G B Ellis Sales Co	2356 El Camino Real, Mountain View, Cal	EM8-3819
NH	Henry P Segel	386 Washington St, Brookline, Mass	BE2-7525
NJ	Morris F Taylor Co	9500 Buckhorn Rd, Baltimore, Md	NO8-9054
NJ	P Saether Assoc	157 W 57th St, New York, NY	CI7-3855
NM	Raymond E Vinson	P.O. Box 8363, Denver, Colo	SU9-2851
NY	Arthur F Schultz	96 Oxford Rd, New Hartford, NY	UT2-3256
NY	P Saether Assoc	157 W 57th St, New York	CI7-3855
NC	Morris F Taylor Co	1224 Dresden Dr, Charlotte	KE7-4879
ND	Ray Ripley Assoc	7222 James Ave, S, Minneapolis, Minn	UN6-8882
Ohio	Mike Roth Sales Co	13947 Cedar Rd, Cleveland	YE2-4262
Okla	Arkie-Smith Sales Co	P.O. Box 35402, Dallas, Tex	FL7-7276
Ore	William R Lanphear	3215 Western Ave, Seattle, Wash	AT4-8150
Pa	Mike Roth Sales Co	13947 Cedar Rd, Cleveland, Ohio	YE2-4262
Pa	Morris F Taylor Co	514 Ellen St, Hellertown	TE8-8504
RI	Henry P Segel	386 Washington St, Brookline, Mass	BE2-7525
SC	Morris F Taylor Co	1224 Dresden Dr, Charlotte, NC	KE7-4879
SD	Ray Ripley	4937 Penn Ave, S., Minneapolis, Minn	UN6-8882
Tenn	Morris F Taylor Co	140 Lake Elbert Dr, Winter Haven, Fla	CY4-2941
Tex	Arkie-Smith Sales Co	P.O. Box 35402, Dallas, Tex	FL7-7276
Utah	Raymond E Vinson	P.O. Box 8363, Denver, Colo	SU9-2851
Vt	Henry P Segel	386 Washington St, Brookline, Mass	BE5-7525
Va	Morris F Taylor Co	9031 Adams Dr, Silver Spring, Md	WH6-3568
Wash	William R Lanphear	3215 Western Ave, Seattle	AT4-8150
W Va	Mike Roth Sales Co	13947 Cedar Rd, Cleveland, Ohio	YE2-4262
Wis	Frank B Tatro Assoc	6022 N Rogers Ave, Chicago, Ill	KE9-4535
Wyo	Raymond E Vinson	P.O. Box 8363, Denver, Colo	SU9-2851
Can	J W Nelson	2818 Victoria Dr, Vancouver, BC	TR1709

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
[illegible]	[illegible] F T[illegible] Ltd	[illegible] McCormack St, Toronto, Ontario, Can	RO9-1129
For	Roburn Agency	431 Greenwich St. New York City, NY	WO6-2130
	SIGMA ELECTRONICS RESEARCH CORP	**15735 Ambaum Blvd. Seattle 66, Wash**	**CH3-2337**
	E Carlson #5 *20 A 45-190-385-670-845-895-1045-1135-1170-1850		
Ariz	Airsupply-Aero Engineering Co	2950 W Thomas Rd. Phoenix	APB-5511
Ark	Airsupply-Aero Engineering Co	3380 Harbor Dr. San Diego, Cal	CY8-1121
Cal	Airsupply-Aero Engineering Co	3390 Harbor Dr. San Diego	CY8-1121
Cal	Airsupply-Aero Engineering Co	9115 Wilshire Blvd. Beverly Hills	BR2-8111
Cal	Airsupply-Aero Engineering Co	Town & Country Village, Palo Alto	
Colo	Airsupply-Aero Engineering Co	3311 S Broadway, Englewood	SU9-0591
Ga	Airsupply-Aero Engineering Co	3272 Peachtree Rd. NE, Atlanta 5	CE7-8636
Ill	Airsupply-Aero Engineering Co	4302 Warren Ave. Hillside	AU7-5446
Ind	Airsupply-Aero Engineering Co	2441 N Meridian St. Indianapolis 8	WA5-3528
Kan	Airsupply-Aero Engineering Co	612 S Oliver, Wichita	MU3-7518
Md	Airsupply-Aero Engineering Co	7215 York Rd. Baltimore 12	VA3-4101
Mass	Airsupply-Aero Engineering Co	14 Spring St. Waltham	TW4-9165
Mich	Airsupply-Aero Engineering Co	15823 W McNichols Rd. Detroit 35	BR3-7238
Minn	Airsupply-Aero Engineering Co	5407 Excelsior Blvd. Minneapolis 16	WA2-0848
Mo	Airsupply-Aero Engineering Co	Box 6247, Lambert Field, St Louis 34	PE1-6580
NY	Airsupply-Aero Engineering Co	600 Old Country Rd. Garden City	PI7-8686
NY	Airsupply-Aero Engineering Co	2361 James St. Syracuse 6	HO3-8531
Ohio	Airsupply-Aero Engineering Co	333 W 1st St. Dayton 2	BA3-7238
Pa	Airsupply-Aero Engineering Co	1510 Russell Rd. Paoli	NI4-1450
Tex	Airsupply-Aero Engineering Co	P O Box 1306, Fort Worth	ED5-4541
Wash	Airsupply-Aero Engineering Co	10633 NE 8th St. Bellevue	GL4-7922
•	**SIGMA INSTRUMENTS INC**	**180 Pearl St, S. Braintree 85, Mass**	**VI3-5000**
	R Wolf 338-360-895-1165-1420-1460		
Ariz	E V Roberts & Assoc. Inc	340 N. Marshall Ave. Scottsdale	
Cal	E V Roberts & Associates Inc	5068 W. Washington Blvd, Los Angeles 16	WE8-2541
Cal	E V Roberts & Associates Inc	1560 Laurel St, San Carlos, Cal	LY3-7879
Cal	E V Roberts & Associates Inc	4379 Thirtieth St, San Diego 4, Cal	AT1-8787
Colo	Alton I Williams Co	2263 S. Albion St, Denver 22, Colo	SK6-9403
Fla	Buchanan & Abrams Associates	1224-26 E. Colonial Dr, Orlando, Fla	GA3-8935
Ill	Hill & Gray Inc	821 Garfield St. Oak Park	
Ind	Leslie M DeVoe Co	4[illegible] Washington Blvd, Indianapolis, Ind	AT3-1395
Iowa	David R Houston	607 E. Willow Ave, Wheaton, Ill	WH8-7312
Md	N[illegible] & Co	7301 York Rd, Towson 4, Md	VA5-5492
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit 35, Mich	BR3-2900
Minn	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis 16	WE9-6727
Mo	Harris-Hanson Co	2014 S. Brentwood Blvd, St. Louis 17, Mo	MI7-4350
Mo	Harris-Hanson Co	7916 Paseo Ave, Kansas City 30, Mo	HI4-9494
NM	Alton I Williams	3221 Silver Ave, S.E., Albuquerque, NM	AL5-9632
NY	O F Mason Co	92 N. Ave. New Rochelle	
NY	H C Johnson Agencies Inc	111 Mt. Hope Ave, Rochester 20, NY	HA6-1090
NY	H C Johnson Agencies Inc	9 Ivan Ln, Binghamton, NY	BI3-5189
NY	H C Johnson Agencies Inc	422 Niagara Falls Blvd, Buffalo 23, NY	
NY	H C Johnson Agencies Inc	P.O. Box 86, Brandywine Sta, Schenectady	FR4-5901
NY	H C Johnson Agencies Inc	Fayetteville, NY	WE7-9383
NC	D G W Inc	3089 Nottingham Rd. Winston-Salem	
Ohio	Technical Associates	4475 Lander Rd, Chagrin Falls, Ohio	TE1-9884
Ohio	James W Murphy	3905 Race Rd, Cincinnati 11, Ohio	HU1-8726
Ore	Arva	1238 N.W. Glisan, Portland 9, Ore	CA2-7337
Pa	Naudain-Bonsaker & Co	1092 Suburban Sta. Bldg. Phila 20	
Tex	Campion Sales Co	9002 Chancellor Row, Dallas 35, Tex	FL7-4095
Utah	Alton I Williams Co	320 E. 4th S. St, Salt Lake City, Utah	EM4-6844
Va	Naudain-Bonsaker & Co	Box 276, McLean	
Wash	Arva	1320 Prospect St, Seattle 9, Wash	MA2-0177
Canada	D T Shaw Co	2340 Lucerne Rd, Montreal 16, Que	RI8-7010
Canada	D T Shaw Co	Box 33 Weston, Toronto, Ontario, Canada	CH4-5172
Canada	Arva	355 Burrard St, Vancouver 1, BC, Canada	MU2-4323
For	Aeronautical Supply Co. Pty. Ltd	Box 62, N. Essendon, Melbourne, Aust	
For	Ad Auriema Inc	35 Broad St. NY 4, NY	
For	Istelco Agency, The	Box 3159, Tel Aviv, Israel	
Foreign	Terry Ferraris & Co	Via S. Martino 14, Milan, Italy	
	SIGNAL INDICATOR CORP	**42 Stewart Ave, Brooklyn 37, NY**	**HY7-5020**
	R Greene #2 *40 E 345-895-930-985-990-1245-1630		
Ala	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR5-1914
Alaska	Burt C Porter Co	1209 Poplar Pl, Seattle, Wash	EA3-8330
Ariz	Jack Berman Co	1146 N. First Ave, Phoenix, Ariz	WH5-9321
Ark	Campion Sales Co	9002 Chancellor Row, Dallas, Tex	FL7-4095
Cal	F W Woolthorp Co	1530 E. 12th St. Oakland	AN1-7676
Cal	Jack Berman Co	1141 S. La Cienega Blvd, Los Angeles	OL5-8920
Colo	Hyde Electronics Co	888 S. Lipan St, Denver, Colo	WE6-3455
Conn	Charles Segel Co	1262 Commonwealth Ave, Boston, Mass	BE2-2555
Del	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
DC	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
Fla	Cartwright & Bean	[illegible] N.E. 25th Ct, N. Miami, Fla	[illegible]
Fla	Cartwright & Bean	P.O. Box 551, Orlando, Fla	GA5-8284
Ga	Cartwright & Bean	3223 Cain's Hill Pl, N.W., Atlanta, Ga	CE2273
Idaho	Burt C Porter Co	1209 Poplar Pl, Seattle, Wash	EA3-8330
Ill	F C Somers Co	17th & Main St, Kansas City, Mo	GR1-1355
Ill	Hill-Gray	821 Garfield St. Oak Pk	ES8-7050
Ind	Southern Sales Co	105 Lakeshore Dr. Angola	AN 777
Ind	Southern Sales Co	6216 Carrollton Ave. Indpls	CL3-3359
Iowa	J T Hanley	1120 Greenwood Ave, S.E., Cedar Rapids	CE2-2031
Kan	F C Somers Co	17th & Main St, Kansas City, Mo	GR1-1355
Ky	Southern Sales Co	105 Lakeshore Dr. Angola, Ind	AN 777
La	Campion Sales Co	9002 Chancellor Row, Dallas, Tex	FL7-4095
Me	Charles Segel Co	1262 Commonwealth Ave, Boston, Mass	BE2-2555
Md	L D Lowery Inc	[illegible] Riverdale, Md	UN4-4727
Mass	Charles Segel Co	1262 Commonwealth Ave, Boston, Mass	BE2-2555
Mich	Koehler-Pasmore Co	125 W. Walnut St. Kalamazoo	FI9-6315
Mich	Koehler-Pasmore Co	[illegible] Hamilton Ave, Detroit, Mich	TO[illegible]
Minn	R G Rayon Inc	1406 W. Idaho Ave, St. Paul, Minn	MI6-6937
Miss	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR5-1914
Mo	F C Somers Co	17th & Main St, Kansas City, Mo	GR1-1355
Mont	Burt C Porter Co	1209 Poplar Pl, Seattle, Wash	EA3-8330
Neb	F C Somers Co	17th & Main St, Kansas City, Mo	GR1-1355
Nev	Hyde Electronics Co	888 S. Lipan St, Denver, Colo	WE6-3455
Nev	Jack S Berman Co	1141 La Cienega Blvd, Los Angeles, Cal	OL5-8920
Nev	F W Woolthorp Co	1530 E. 12th St. Oakland, Cal	AN1-7676

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
NH	Charles Segel Co	1262 Commonwealth Ave, Boston, Mass	BE2-2555
NJ	F F Sylvester Assoc	649 Morris Ave. Springfield	DR6-3324
NJ	F F Sylvester Co	649 Morris Ave, Springfield, NJ	DR6-3324
NJ	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
NM	Hyde Electronics Co	5206 Constitution Ave, N.E., Albuquerque	AM8-1111
NY	Arthur Perkins	639 S. Warren St, Syracuse, NY	GR1-8628
NC	Cartwright & Bean	625 Harwyn Dr. Charlotte	FR6-8648
ND	R G Rayon Inc	1406 W. Idaho Ave, St. Paul, Minn	MI6-6937
Ohio	Paul Sales Co	2609 Broadway, Fort Wayne, Ind	HA0589
Okla	Campion Sales Co	9002 Chancellor Row, Dallas, Tex	FL7-4095
Ore	Burt C Porter Co	P.O. Box 7654, Portland, Ore	AT4-1718
Pa	Paul Sales Co	26009 Broadway, Fort Wayne, Ind	HA0589
Pa	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
Pa	Arthur Perkins	639 S. Warren St, Syracuse, NY	GR1-8628
RI	Charles Segel Co	1262 Commonwealth Ave, Boston, Mass	BE2-2555
SC	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR5-1914
SD	R G Rayon Inc	1406 W. Idaho Ave, St. Paul, Minn	MI6-6937
Tex	Campion Sales Co	9002 Chancellor Row, Dallas, Tex	FL7-4095
Utah	Hyde Electronics Co	2803 Connor St, Salt Lake City, Utah	IN7-5763
Vt	Charles Segel Co	1262 Commonwealth Ave, Boston, Mass	BE2-2555
Va	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
Wash	Burt C Porter Co	1209 Poplar Pl, Seattle, Wash	EA3-8330
W.Va	Paul Sales Co	2609 Broadway, Fort Wayne, Ind	HA0589
Wis	Hill-Gray	821 Garfield St. Oak Pk, Ill	ES8-7050
Wisc	R G Rayon Inc	1406 W. Idaho Ave, St. Paul, Minn	MI6-6937
Wyo	Hyde Electronics Co	888 S. Lipan St, Denver, Colo	WE6-3455
Canada	Lake Engineering Co Ltd	123 Manville Rd, Scarborough, Ont, Can	PL7-3253
Canada	Burt C Porter Co	1209 Poplar Pl, Seattle, Wash	EA3-8330
	SIGNAL TRANSFORMER CO	**1661 McDonald Ave, Brooklyn 30, NY**	**ES6-0615**
	E Poiss #2 *20 B 320-1855-1860		
	SIGNALITE INC	**Neptune, NJ**	**PR5-2490**
	A Gorshon #3 *125 E 990-1880		
•	**SILICON TRANSISTOR CORP**	**150 Glen Cove Rd, Carle Place, NY**	**PI2-4100**
	L LeBow #8 *140 E 500-1860		
Ala	Frank C Nickerson Co	626 Medlock Rd, Decatur, Ga	ME6-2572
Alas	N R Schultz Co	427 Airport Way, Seattle 8, Wash	MA4-8650
Ariz	Jack Berman Co	8146 N. 1st Ave, Phoenix, Ariz	WH5-9321
Ark	Hank Lieberman & Associates	6005 Northwood Rd, Dallas 25, Tex	EM3-3452
Cal	Logan & Stone Co	1485 Bayshore Blvd. San Francisco 24	DE4-1200
Cal	Jack Berman Co	1141 S. La Cienega Blvd, Los Angeles	OL5-8920
Colo	McLoud & Raymond Co	2151 S Grape St, Denver 22	SK6-1589
Del	Danco Corp	Fairview Village, Pa	CH8-1619
DC	Danco Corp	Fairview Village, Pa	CH8-1619
Fla	Frank C Nickerson Co	Box 7913, Orlando, Fla	MI4-4413
Ga	Frank C Nickerson Co	626 Medlock Rd, Decatur, Ga	ME6-2572
Idaho	N R Schultz Co	427 Airport Way, Seattle 8, Wash	MA4-8650
Ill	D Dolin Sales	3553 W. Peterson Ave, Chicago 45, Ill	JU8-3738
Iowa	R W Farris Co., Inc	406 W. 34th St, Kansas City 11, Mo	PL3-5350
Kan	R W Farris Co., Inc	406 W. 34th St, Kansas City 11, Mo	PL3-5350
La	Hank Lieberman & Associates	6005 Northwood Rd, Dallas 25, Tex	EM3-3452
Md	Danco Corp	Fairview Village, Pa	CH8-1619
Mich	R C Nordstom & Co	Briggs Bldg, Birmingham, Mich	JO4-6128
Minn	Fred Peterson Co	2431 Hennepin Ave, Minneapolis 5, Minn	FR7-3025
Miss	Frank C Nickerson Co	626 Medlock Rd, Decatur, Ga	ME6-2572
Mo	R W Farris Co., Inc	406 W. 34th St, Kansas City 11, Mo	PL3-5350
Mont	N R Schultz Co	427 Airport Way, Seattle 8, Wash	MA4-8650
Neb	R W Farris Co., Inc	406 W. 34th St, Kansas City 11, Mo	PL3-5350
Nev	Jack Berman Co	1141 S. La Cienega Blvd, L A 35, Cal	OL5-8920
NJ	Harold Gray Associates	46 Tenafly Rd, Tenafly, NJ	LO7-3595
NM	McLoud & Raymond Co	2151 S Grape St, Denver 22, Colo	SK6-1589
NY	Maury Farber Assoc. Inc	[illegible] Buffalo 2	TL6-3543
NY	Harold Gray Associates	46 Tenafly Rd, Tenafly, NJ	LO7-3595
NC	Frank C Nickerson Co	2334 Orton St, Charlotte 8, NC	
ND	Fred Peterson Co	2431 Hennepin Ave, Minneapolis 5, Minn	FR7-3025
Ohio	John O Olsen Co	16711 Baker Blvd, Cleveland 20, Ohio	SK2-5444
Okla	Hank Lieberman & Associates	6005 Northwood Rd, Dallas 25, Tex	EM3-3452
Ore	N R Schultz Co	427 Airport Way, Seattle 8, Wash	MA4-8650
Pa	Danco Corp	Fairview Village, Pa	BR5-2610
SC	Frank C Nickerson Co	626 Medlock Rd, Decatur, Ga	ME6-2572
SD	Fred Peterson Co	2431 Hennepin Ave, Minneapolis 5, Minn	FR7-3025
Tenn	Frank C Nickerson Co	626 Medlock Rd, Decatur, Ga	ME6-2572
Tex	Hank Lieberman & Associates	6005 Northwood Rd, Dallas 25, Tex	EM3-3452
Utah	McLoud & Raymond Co	Box FG 166, Salt Lake City	AM6-5002
Va	Frank C Nickerson Co	626 Medlock Rd, Decatur, Ga	ME6-2572
Wash	N R Schultz Co	427 Airport Way, Seattle 8, Wash	MA4-8650
W Va	Frank C Nickerson Co	626 Medlock Rd, Decatur, Ga	ME6-2572
Wisc	D Dolin Sales	5219 N. [illegible], Milwaukee 9, Wisc	
Wyo	McLoud & Raymond Co	2151 S Grape St. Denver 22, Colo	SK6-1589
Canada	A T R Armstrong Ltd	Box 36, Sta D, Toronto 9, Ontario, Canada	RO2-7535
For	Montclair Electronics Internat'l, Inc	114 Liberty St. New York 6, NY	CO7-[illegible]
	SILICONE INSULATION INC	**1385 Seabury Ave, Bronx 61, NY**	**SY2-4400**
	W Elsfelder #40 *40 C 120-175-715-750-865-895-900-975-1135-1290-1545-1565-1785-1890-1940		
	SILICONE SEALS INC	**3694 Milwaukee Ave, Chicago 41, Ill**	**AV2-3787**
	L Brown #3 *10 B 210-905-1545		
	SILICONES DIV UCC	**270 Park Ave, New York 17, NY**	**LL1-2345**
	265-315-695-895-900-975-1070-1290-1505-1930		
Cal	Union Carbide Corp	2770 Leonis Blvd, Vernon, Cal	LU3-3061
Ga	Union Carbide Corp	1371 Peachtree St, N.E., Atlanta 9, Ga	TR3-7241
Ill	Union Carbide Corp	230 N. Michigan Ave, Chicago 1, Ill	FI6-3300
Mass	Union Carbide Corp	300 First Ave, Needham 94, Mass	HI4-5400
Mich	Union Carbide Corp	10421 W. 7 Mile Rd, Detroit 21, Mich	DI1-3131
NJ	Union Carbide Corp	Pleasant Valley Rd, Moorestown, NJ	BE5-4700
Ohio	Union Carbide Corp	1300 Lakeside Ave, Cleveland 14, Ohio	MA1-4[illegible]
Pa	Union Carbide Corp	644 Oliver Bldg, Pittsburgh 22, Pa	EX1-3900
	SILLCOCKS-MILLER CO	**Maplewood, NJ**	**SO2-6171**
	750-895-900-905-975-1190-1285-1290-1295-1320-1530		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	SIMMONDS PRECISION PRODUCTS INC	**105 White Plains Rd. Tarrytown, NY**	**ME1-7500**
	#120 *520 F 325-360-365-645-895-1395-1425-1870		
Ala	Simmonds Precision Products, Inc	2801 Far Hills Ave. Dayton 19, Ohio	AX8-6011
Alas	Simmonds Precision Products, Inc	1515 S Gardena Ave. Glendale, Cal	CI1-7773
Ariz	Simmonds Precision Products, Inc	1515 S Gardena Ave. Glendale, Cal	CI1-7773
Ark	Simmonds Precision Products, Inc	2801 Far Hills Ave. Dayton 19, Ohio	AX8-6011
Cal	Simmonds Precision Products, Inc	1515 S Gardena Ave. Glendale 4	CI1-7773
Cal	Simmonds Precision Products, Inc	4514 Morrel St. San Diego 9	BR4-3940
Colo	Simmonds Precision Products, Inc	214 Amer Bank & Trust, Dallas, Tex	WH3-9224
DC	E G Riley	1779 H St. NW, Wash	ME8-2908
Fla	Simmonds Precision Products, Inc	2801 Far Hills Ave. Dayton 19, Ohio	AX8-6011
Ga	Simmonds Precision Products, Inc	2801 Far Hills Ave. Dayton 19, Ohio	AX8-6011
Haw	Simmonds Precision Products, Inc	1515 S Gardena Ave. Glendale, Cal	CI1-7773
Idah	Simmonds Precision Products, Inc	1515 S Gardena Ave. Glendale, Cal	CI1-7773
Ill	Simmonds Precision Products, Inc	2801 Far Hills Ave. Dayton 19, Ohio	AX8-6011
Ind	Simmonds Precision Products, Inc	2801 Far Hills Ave. Dayton 19, Ohio	AX8-6011
Iowa	Simmonds Precision Products, Inc	2801 Far Hills Ave. Dayton 19, Ohio	AX8-6011
Kan	Simmonds Precision Products, Inc	214 Amer Bank & Trust Bldg. Dallas, Tex	WH3-9224
Ky	Simmonds Precision Products, Inc	2801 Far Hills Ave. Dayton, Ohio	AX8-6011
La	Simmonds Precision Products, Inc	214 Amer Bank & Trust Bldg. Dallas, Tex	WH3-9224
Mich	Simmonds Precision Products, Inc	20131 James Couzens, Detroit	BR3-7651
Minn	Simmonds Precision Products, Inc	2801 Far Hills Ave. Dayton, Ohio	AX8-6011
Miss	Simmonds Precision Products, Inc	2801 Far Hills Ave. Dayton, Ohio	AX8-6011
Mo	Simmonds Precision Products, Inc	2801 Far Hills Ave. Dayton, Ohio	AX8-6011
Mont	Simmonds Precision Products, Inc	214 Amer Bank & Trust Bldg. Dallas Tex	WH3-9224
Neb	Simmonds Precision Products Inc	214 Am Bank & Trust Bldg. Dallas, Tex	WH3-9224
Nev	Simmonds Precision Products, Inc	1515 S Gardena Ave. Glendale, Cal	CI1-7773
NM	Simmonds Precision Products, Inc	214 Am Bank & Trust Bldg. Dallas, Tex	WH3-9224
ND	Simmonds Precision Products, Inc	214 Am Bank & Trust Bldg. Dallas, Tex	WH3-9224
Ohio	Simmonds Precision Products, Inc	2801 Far Hills Ave. Dayton	AX8-6011
Okla	Simmonds Precision Products, Inc	214 Am Bank & Trust Bldg. Dallas, Tex	WH3-9224
Ore	Simmonds Precision Products, Inc	1515 S Gardena Ave. Glendale, Cal	CI1-7773
SD	Simmonds Precision Products, Inc	214 Am Bank & Trust Bldg. Dallas, Tex	WH3-9224
Tenn	Simmonds Precision Products, Inc	2801 Far Hills Ave. Dayton, Ohio	AX8-6011
Tex	Simmonds Precision Products, Inc	214 Am Bank & Trust Bldg. Dallas	WH3-9224
Utah	Simmonds Precision Products, Inc	1515 S Gardena Ave. Glendale, Cal	CI1-7773
Wash	Simmonds Precision Products, Inc	1515 S Gardena Ave. Glendale, Cal	CI1-7773
Wis	Simmonds Precision Products, Inc	2801 Far Hills Ave. Dayton, Ohio	AX8-6011
Wyo	Simmonds Precision Products, Inc	214 Am Bank & Trust Bldg. Dallas, Tex	WH3-9224
Canada	Simmonds Aero Can Ltd	637 Parkdale Ave, N., Hamilton, Ontario	LI9-1181
For	Simmonds Precision Products, Inc	3 W Park Rd. Richmond, Surry, Eng	PR7442
For	Simmonds Prec Prod	8 Tillema, Museumplein 5, Amsterdam, Netherlands	(020) 730844
	SIMMONS FASTENER CORP	**1752 N. Broadway, Albany 1, NY**	**HO2-5431**
	H Rose *120 D 645		
Ariz	Laing-Garrett Construction Spec. Inc	4700 N Central Ave. Phoenix	AM6-5506
Ark	Teves-Barrier Inc	2712 W. Mockingbird Ln, Dallas, Tex	FL2-6084
Cal	Pelham Corp	629 S Walnut St. Inglewood	OR2-5424
Colo	Vinson Associates	3600 S. Lincoln, Englewood, Colo	SU9-2851
Conn	Charles Bent Co	120 Liberty St, New York, NY	RE2-7497
Del	C H Stratton Co	514 E. Wadsworth St, Philadelphia, Pa	CH7-7869
DC	C H Stratton Co	514 E. Wadsworth St, Philadelphia, Pa	CH7-7869
Ill	Zak & Assoc	7730 Carondelet, St Louis 5, Mo	PA7-8559
Ill	N C Bennett	5506 W Lawrence, Chicago	SP7-9809
Ind	A C Wahl Co. Inc	Box 213, Cincinnati 15, Ohio	VA1-3270
Iowa	Francis A Null	1202 70th St, S.W., Cedar Rapids, Iowa	EM4-3271
Kan	Zak & Assoc	7730 Carondelet, St Louis 5, Mo	PA7-8559
Ky	A C Wahl Co. Inc	Box 213, Cincinnati 15, Ohio	VA1-3270
La	Teves-Barrier Inc	2712 W. Mockingbird Ln, Dallas, Tex	FL2-6084
Me	White Sales Co	945 Great Plain Ave, Needham, Mass	HI4-3676
Md	C H Stratton Co	514 E. Wadsworth St, Philadelphia, Pa	CH7-7869
Mass	White Sales Co	945 Great Plain Ave, Needham, Mass	HI4-3676
Mich	W T Peterson Co	27102 Van Dyke Ave, Warren	SL4-8600
Minn	R E Kenney	5704-A Excelsior Blvd, Minneapolis	WA7-4665
Mo	Zak & Assoc Inc	7730 Carondelet, St Louis 5	PA7-8559
Nev	Pelham Corp	629 S Walnut St, Inglewood, Cal	OR2-5424
NH	White Sales Co	945 Great Plain Ave, Needham, Mass	HI4-3676
NJ	Charles Bent Co	120 Liberty St, New York, NY	RE2-7497
NM	Vinson Associates	3600 S. Lincoln, Englewood, Colo	SU9-2851
NY	Charles Bent Co	120 Liberty St, New York, NY	RE2-7497
Ohio	A C Wahl Co. Inc	945 Great Plain Ave, Needham 92, Mass	VA1-3270
Ohio	Dwight Reinhold	[illegible] Fairview Circle, Mansfield	SK6-4656
Okla	Teves-Barrier Inc	2712 W. Mockingbird Ln, Dallas, Tex	FL2-6084
Ore	Pelham Corp	629 S Walnut St. Inglewood, Cal	OR2-5424
Pa	Lowry-Dietrich	703 Clairton Blvd, Pittsburgh 36, Pa	TU1-2228
Pa	C H Stratton Co	514 E. Wadsworth St, Philadelphia, Pa	CH7-7869
RI	White Sales Co	945 Great Plain Ave, Needham, Mass	HI4-3676
Tex	Teves-Barrier Inc	2712 W. Mockingbird Ln, Dallas, Tex	FL2-6084
Utah	Vinson Associates	3600 S. Lincoln, Englewood, Colo	SU9-2851
Vt	White Sales Co	945 Great Plain Ave, Needham, Mass	HI4-3676
Va	C H Stratton Co	514 E Wadsworth St, Philadelphia 19, Pa	CH7-7869
Wash	Pelham Corp	629 S Walnut St, Inglewood, Cal	OR2-5424
Wisc	C E Melcher Co	4770 N. 19th Pl, Milwaukee, Wisc	CO4-7100
Wyo	Vinson Associates	3600 S. Lincoln, Englewood, Colo	SU9-2851
Can	Quinton Sales Ltd	4700 Prince of Wales Ave. Montreal, Que	HU9-2167
	SIMPLATROL PRODS CORP	**24 Salisbury St, Worcester 5, Mass**	**PL6-8478**
	H Peterson #6 *20 C 145-310		
Cal	W H Delmar Co	3925 W. [illegible] Ave, Los Angeles 47, Cal	AX3-5[illegible]
Colo	Hubert Knab & Co	1025 Santa Fe Dr, Denver 4, Colo	MA3-4686
Fla	E E Hussey	2330 Brevard Ave, West Palm Beach	
Ga	B S Woodman	Box 12842, Atlanta 5	CE3-9781
Ill	Frank W Eckert Co	Box 2, Forest Park	
Ind	A R Young Co., Inc	520 N. Denny St, Indianapolis, Ind	ME6-5351
Iowa	H Wilson Co	605 18th St, Moline, Ill	
Ky	Charles Gogswell Jr	P.O. Box 386, Louisville, Ky	GL4-4736
Md	Paul Assoc Inc	321 Lorna Ave, Huntingdon Valley, Pa	
Mass	K C Stevens & Co	235 Bedford St, Lexington 73, Mass	VO2-1812
Mich	Carl D Miller & Son	P.O. Box 391, Grosse Ile, Mich	[illegible]
Minn	Raymond Eng Sales Co	3019 Kerry Rd, Minnls 24	
Mo	Allied Transmission Equipment Co	3557 Holmes, Kansas City, Mo	GR1-5086
Mo	James B Fischer & Co	P.O. Drawer 3, St Louis 19, Mo	WO2-8[illegible]
NJ	F A MacPherson Co	P.O. Box 421, Westfield, NJ	AD3-3977
NY	Keller Inc Precs	7[illegible] Mt Hope Ave, Rochester 20	HA6-3255

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NY	Keller Ind Prods	Box 132, Skaneateles	OW5-6662
NY	Keller Ind Prods	3053 Main St, Buffalo 25	UN0600
Ohio	S R Reese Sales Co	3219 Hyde Park, Cleveland 18	YE2-8079
Ohio	Willey-Wray Electric Co	1523 Central Pkwy, Cincinnati 14, Ohio	PA1-4725
Pa	W D Shields Jr	Investment Bldg, Pittsburgh 22, Pa	GR1-6046
Pa	John C Weddell Co	7714 W. Chester Pike, Upper Darby, Pa	TR8-6480
Wash	C B Parsons & Co	3029 First Ave, Seattle 1, Wash	MU2-5700

SIMPLICITY TOOL CO. INC ... 2850 N Mississippi Ave. Portland 8, Ore ... AT2-6605
#1 *6 A 45

SIMPSON ELECTRIC CO DIV
AMERICAN GAGE & MACHINE CO 5218 W. Kinzie St, Chicago 44, Ill ... ES9-1121
V Reconelli 230-895-1175-1795-1810

Cal	Lynch C R & Son	3007 Glendale, Los Angeles, Cal	NO3-8231
Cal	Purdy W J & Associates	312 Seventh St, San Francisco, Cal	UN3-3300
Colo	Bowen R G Co	721 S. Broadway, Denver, Colo	RA2-4641
Conn	Sturgeon P R Inc	Box 170, Milford, Conn	TR4-6060
DC	S K MacDonald Inc	14th & Pa Rd, Washington, DC	CO5-3938
Fla	Murphy & Cota	1220 Edgewater Dr, Orlando, Fla	GA4-2167
Ga	Cartwright & Bean	3223 Cains Hill Pl, N.W., Atlanta, Ga	CE7-2273
Ga	Murphy & Cota	2110 Peachtree St, N.W., Atlanta, Ga	TH6-3121
Ill	Hull-Stare Inc	549 W. Washington Blvd, Chicago, Ill	AN3-6421
Ind	Thomas & Sakup Inc	5226 N. Keystone Ave, Indianapolis, Ind	CL1-4574
Kan	Kathrinus N W & Co	4306 Cambridge Ave, Kansas City, Kan	JD2-4108
La	Cartwright & Bean	821 Pontalba St, New Orleans, La	AU2284
Md	MacDonald S K Inc	2016 Winford Rd, Baltimore, Md	ID5-1760
Mass	Sturgeon P R Inc	25 Huntington Ave, Boston, Mass	CO6-7705
Mich	Merchant H C Co	18411 W. McNichols Rd, Detroit, Mich	KE5-6700
Minn	Foster W E	2401 Hennepin Ave, Minneapolis, Minn	FR4-2612
Mo	Kathrinus N W & Co	4356 Duncan Ave, St. Louis, Mo	OL2-1805
NM	Bowen R G Co	2228A San Mateo Blvd, Albuquerque, NM	AL5-4603
NY	Mark W	235 Hendricks Blvd, Buffalo, NY	AM6426
NY	Simpson Instrument Sales Inc	130 Cutter Mill Rd, Great Neck, NY	HU2-3303
NC	Cartwright & Bean	625 Harwyn Dr, Charlotte, NC	FR6-8548
NC	Murphy & Cota	221 Latta Arcade, Charlotte, NC	FR5-2317
NC	Murphy & Cota	1306 Burke St, Winston-Salem, NC	PA4-0750
Ohio	Baehr Greenleaf & Associates	7960 Mitchell Farm Ln, Cincinnati, Ohio	TW1-3847
Ohio	Baehr Greenleaf & Associates	14700 Detroit Ave, Cleveland, Ohio	AC1-9030
Ohio	Baehr Greenleaf & Associates	3350 Maplewood Dr, Xenia, Ohio	CH4-5485
Ore	Tustham D H Co	530 N.W. 19th Ave, Portland, Ore	CA6-4148
Pa	MacDonald S K Inc	1531 Spruce St, Philadelphia, Pa	KI5-1205
Pa	MacDonald S K Inc	331 Fifth Ave, Pittsburgh, Pa	AT1-2253
Tenn	Cartwright & Bean	560 S. Cooper St, Memphis, Tenn	BR6-4442
Tex	Schoonmaker J Y Co	5109 Redfield St, Dallas, Tex	LA6-7238
Tex	Schoonmaker J Y Co	2567 Rodney St, Houston, Tex	HU6-4611
Tex	Schoonmaker J Y Co	423 Gilbert Ln, San Antonio, Tex	DI4-4295
Utah	Bowen R G Co, Inc	1175 E. 4650 N., Kearns, Utah	CY8-5533
Wash	Hustham D H Co	422 First St, W., Seattle, Wash	AT4-7297
Wisc	Dickinson E A & Associates	4137 N. Green Bay Ave, Milwaukee, Wisc	CO4-1380
Canada	Bach-Simpson Ltd	359 Eglinton Ave, Toronto, Canada	MO2595
Foreign	Bach-Simpson Ltd	1255 Brydges St, London, England	GL1-9490

SIMS CASTINGS CORP ... 2174 E. Erie Blvd. Syracuse 3, NY ... GR2-6321
C Sims #1 *75 D 233

Cal	Aetal Corp	5557 E. Walnut St, Pasadena	MU1-4618
NY	U J Dennis	474 Holton Ave, Staten Island 9	YU4-3388

SINCLAIR MFG CO ... Chartley, Mass ... CA2-2627
#2 *25 B 65-190-790-1125-1290

SINCLAIR RADIO LABS LTD ... 412 Cham of Comm. Bldg. Buffalo, NY
P Yachluse #3 *15 B 45-60-320-670-885-1135

SINGER-BRIDGEPORT DIV. SINGER MFG CO ... 915 Pembroke St. Bridgeport 8, Conn ... FO6-3201
R Karcher #200 *1600 F 250-315-895-1135

DC	H C Arrington	1707 H St, NW, Wash 6	DI7-3429
Ohio	Tec Hadley Dindorf	1117 Talbott Towers, Dayton 2	BA2-6784

SIPPICAN CORP ... Box 537, Marion, Mass ... 110
V Boyliss #35 *75 E 1945

Ala	Col-Ins-Co, Inc	Huntsville	JE9-1771
Ariz	Western Eng Co	1644 W. Hatcher Rd, Phoenix	WI4-0431
Colo	Western Eng Co	1515 Cleveland Pl, Denver 2	AM6-2714
Conn	White Sales Co	945 Great Plain Ave, Needham 92, Mass	HI4-3676
Del	Charles E Babcock Co	430 Huntington Dr, Wayne, Pa	MU8-8288
Fla	Col-Ins-Co, Inc	5728 Precision Dr, Orlando	
Ga	Col-Ins-Co, Inc	2394 Ewing Dr, Atlanta	CE7-1494
Idah	Western Eng Co	1515 Cleveland Pl, Denver 2, Colo	AM6-2714
Me	White Sales Co	945 Great Plain Ave, Needham 92, Mass	HI4-3676
Md	Charles E Babcock Co	5962 Glen Falls Ave, Baltimore 6	HA6-8666
Mass	White Sales Co	945 Great Plain Ave, Needham 92	HI4-3676
Miss	Col-Ins-Co, Inc	Huntsville, Ala	JE9-1771
NH	White Sales Co	945 Great Plain Ave, Needham 92, Mass	HI4-3676
NJ	K E Hughes Co	4808 Bergenline Ave, Union City	UN7-3204
NM	Western Eng Co	1644 W. Hatcher Rd, Phoenix, Ariz	WI4-0431
NY	R P Kennedy Co, Inc	180 Mayflower Dr, Rochester 18	BR1-6322
NY	K E Hughes	15 Marlene Dr, Syosset	WA1-0474
NC	Col-Ins-Co, Inc	2354 Ewing Dr, Atlanta, Ga	CE7-1494
Pa	K E Hughes Co	701 N. 33rd St, Phila	EV6-3130
RI	White Sales Co	945 Great Plain Ave, Needham 92, Mass	HI4-3676
SC	Col-Ins-Co, Inc	2354 Ewing Dr, Atlanta, Ga	CE7-1494
Tenn	Col-Ins-Co, Inc	2354 Ewing Dr, Atlanta, Ga	CE7-1494
Utah	Western Eng Co	1515 Cleveland Pl, Denver Colo	AM6-2714
Vt	White Sales Co	945 Great Plain Ave, Needham 92, Mass	HI4-3676
Va	Charles E Babcock Co	5962 Glen Falls Ave, Baltimore 6	HA6-8666

SITTLER CORP ... 18 N. Ada St, Chicago 7, Ill ... SE3-4616
S Lamse #4 *22 C 185-795-895

SKINNER PRECISION IND, INC
SKINNER ELEC VALVE DIV ... 95 Edgewood Ave, New Britain, Conn ... BA5-6421
A Anderson 1935

Cal	Western Control Equipment Co	3573 Pierce St, San Francisco 23, Cal	WE1-2155
Cal	Western Control Equipment Co	14615 Ventura Blvd, Sherman Oaks, Cal	TR3-3040
Colo	Automatic Control & Equipment Co	5750 Pecos St, Denver 21, Colo	GE3-6476
Ill	Skinner Electric Valve Div	549 W. Randolph St, Chicago, Ill	CE6-6875
La	J Maguire Co	3244 Paris Ave, New Orleans 19, La	288-2792
Mass	A Williams	P O Box 84, W Medway, Mass	WE6-3011
Mich	C Blessed	323 Wimbleton, Birmingham, Mich	JO4-5633
NY	Lane Engineering Co	1877 Elmwood Ave, Buffalo 7, N Y	TR5-1770
Ohio	E Hughes, Jr	P O Box 124, Cinc 24, Ohio	LI2-4738
Ohio	Richard A Bowers	6677 Solon Blvd, Solon 39, Ohio	EX1-8115
Okla	John O Burke & Co	3209 W. 21st St, Tulsa 1, Okla	DI3-9161
Ore	Hydraulic & Air Equipment Co	2316 N.W. Savier St, Portland 10, Ore	CA2-3295
Pa	Rothemeber & Co, Inc	53 Chestnut Ave, Ardmore, Penn	MI2-6911
Tex	Air-Draco	4122 Richmond Ave, Houston 27, Tex	MO7-8338
Tex	Womack Machine Supply Co	2010 Shea Rd, Dallas, Tex	FL7-3871
Utah	The Rains Co	756 S. 1st, W., Salt Lake City 1, Utah	EM4-2803
Wash	Hydraulic & Air Equipment Co	1522 4th Ave, S., Seattle, Wash	MU2-1680
Foreign	Maston-Wright Corp	2911 Whitney Ave, New Haven, Conn	AT8-1638

SKYDYNE INC ... River Rd, Port Jervis, NY ... PO3-2241
W Maccallum #7 *130 E 135-180-735-1290

Ala	E C Raymond & Assoc	P O Box 8215, St Petersburg 8, Fla
Ariz	E V Roberts & Assoc	340 N Marshall Ave. Scottsdale
Cal	George M Irving, Jr	5736 Camille Ave. Culver City
Colo	Martin Shippers Supply Inc	4424 Vine St, Denver 16, Colo
Conn	Allison Engr Sales	81 Lee St, E. Longmeadow, Mass
Del	Walter Clevenstine	711 Arch St, Spring City, Pa
DC	Walter Clevenstine	711 Arch St, Spring City, Pa
Fla	E C Raymond & Assoc	P O Box 8215, St Petersburg 8
Ga	E C Raymond & Assoc	P O Box 8215, St Petersburg 8, Fla
Ill	Edward Magnuson Co	3349 W. Irving Park Rd, Chicago 18, Ill
Ill	Thunderbird Eng Sales & Services Inc	7811 Carondelet Ave, St Louis 5, Mo
Ind	Edward Magnuson Co	3349 W. Irving Park Rd, Chicago 18, Ill
Iowa	Edward Magnuson Co	3349 W. Irving Park Rd, Chicago 18, Ill
Kan	Thunderbird Eng Sales & Services Inc	6405 E Kellogg, Wichita
Me	John E Boeing Co., Inc	PO Box 235, Lexington 73, Mass
Md	Walter Clevenstine	711 Arch St, Spring City, Pa
Mass	Allison Engr Sales	81 Lee St, E. Longmeadow, Mass
Mass	John E Boeing Co., Inc	PO Box 235, Lexington 73
Mich	Satullo Co	4512 N. Woodward, Royal Oks, Mich
Minn	Edward Magnuson Co	3349 W. Irving Park Rd, Chicago 18, Ill
Mo	Thunderbird Eng Sales & Services Inc	7811 Carondelet Ave, St Louis 5
Mo	Thunderbird Eng Sales & Services Inc	2926 Main St, Kansas City
Neb	Thunderbird Eng Sales & Services Inc	7811 Carondelet Ave, St Louis 5, Mo
NH	John E Boeing Co., Inc	PO Box 235, Lexington 73, Mass
NJ	Lawrence McFadden	29 Franklin Ave, Cedar Grove, NJ
NM	E V Roberts & Assoc	1120 Tulane Dr, Albuquerque
NY	Lawrence McFadden	29 Franklin Ave, Cedar Grove, NJ
NY	Wasco, Inc	853 Broadway, NYC
NY	Frank W Taylor Co, Inc	PO Box 222, DeWitt
NY	Robert Davis	107 James St, Utica
NC	E C Raymond & Assoc	PO Box 8215, St Petersburg 8, Fla
Ohio	Satullo Co	Rosetown Center Bldg, Cincinnati, Ohio
Ohio	Satullo Co	18901 Euclid Ave, Cleveland, Ohio
Okla	James S Neely	PO Box 9872, Fort Worth 7, Tex
Ore	George M Irving, Jr	5736 Camille Ave, Culver City, Cal
Pa	Walter Clevenstine	711 Arch St, Spring City, Pa
Pa	Satullo Co	992 Perry Hwy, Pittsburgh 37, Pa
RI	John E Boeing Co., Inc	PO Box 235, Lexington 73, Mass
SC	E C Raymond & Assoc	PO Box 8215, St Petersburg 8, Fla
Tenn	E C Raymond & Assoc	PO Box 8215, St Petersburg, Fla
Tex	James S Neely	PO Box 9822, Fort Worth 7
Utah	Martin Shippers Supply Inc	4424 Vine St, Denver 16, Colo
Vt	John E Boeing Co., Inc	PO Box 235, Lexington 73, Mass
Va	Walter Clevenstine	711 Arch St, Spring City, Pa
Wash	George M Irving, Jr	5736 Camille Ave, Culver City, Cal
Wisc	Edward Magnuson Co	3349 W. Irving Park Rd, Chicago 18, Ill
Wyo	Martin Shippers Supply Inc	4424 Vine St, Denver 16, Colo
Canada	Atlas Instrument Corp	50 Wingold Ave, Toronto 19, Canada
Canada	Atlas Instrument Corp	333 Cavendish Blvd, Montreal, Quebec, Canada
Can	Atlas Instrument Corp	106-525 Seymour St, Vancouver, B C
Can	Atlas Instrument Corp	77 Danforth Ave, Bel Air Heights, Ottawa

SLATER ELECTRIC INC. IND. DIV ... 45 Sea Cliff Ave. Glen Cove, NY ... OR6-1100
S Wheek #11 *300 E 255-345-360-500-1340-1445

Ala	Ralph J Palmisano	5304 Corona St, Tampa, Fla	62-4071
Ariz	Earl S Condon	3450 Wilshire Blvd, LA, Cal	DU1-3951
Ark	G W De Zell	Box 35402, Dallas, Tex	FL7-7279
Cal	Earl S Condon	3450 Wilshire Blvd, LA	DU1-3951
Colo	Earl S Condon	3450 Wilshire Blvd, LA, Cal	DU1-3951
Conn	Paul R Sturgeon Inc	25 Huntington Ave, Boston, Mass	CO6-7705
Del	S K MacDonald	1531 Spruce St, Phila, Pa	
DC	S K MacDonald	3308 14th St, NW, Washington	CO5-3938
Fla	R J Palmisano	4304 Corona St, Tampa	62-4071
Ga	R J Palmisano	4304 Corona St, Tampa, Fla	62-4071
Idah	Earl S Condon	3450 Wilshire Blvd, LA, Cal	DU1-3951
Ill	Burt Anderson & Assoc, Inc	6414 W. Higgins Ave, Chicago	SP4-4174
Ind	Burt Anderson & Assoc, Inc	6414 W. Higgins Ave, Chicago, Ill	SP4-4174
Iowa	Burt Anderson & Assoc, Inc	6414 W. Higgins Ave, Chicago, Ill	SP4-4174
La	G W De Zell	Box 35402, Dallas, Tex	FL7-7279
Me	Paul R Sturgeon Inc	25 Huntington Ave, Boston, Mass	CO6-7705
Md	S K MacDonald	2016 Winford Rd, Baltimore	ID5-1760
Mass	Paul R Sturgeon Inc	25 Huntington Ave, Boston	CO6-7705
Minn	Northern State Sales	1400 Park Ave, Mpls	FE3-2521
Mont	Earl S Condon Co	3450 Wilshire Blvd, LA, Cal	DU1-3951
Nev	Earl S Condon Co	3450 Wilshire Blvd, LA, Cal	DU1-3951
NH	Paul R Sturgeon Inc	25 Huntington Ave, Boston, Mass	CO6-7705
NJ	S K MacDonald Assoc	1531 Spruce St, Phila, Pa	KI5-1205
NM	Earl S Condon Co	3450 Wilshire Blvd, LA, Cal	DU1-3951
NY	Paul D Aaron	Professional Bldg, Port Washington	PO7-8400
NY	Wilson A Zimmerman	112 DeWitt St, Syracuse	GR4-4689
NC	Lee Reed	1224 Dresden Dr, W, Charlotte	KE7-4818
ND	Northern State Sales	1400 Park Ave, Mpls, Minn	FE3-2521
Ohio	H H Seay Co	3850 Farlington Dr, Columbus	HU8-9591
Okla	G W De Zell	Box 35402, Dallas, Tex	FL7-7279
Ore	Earl S Condon Co	3450 Wilshire Blvd, LA, Cal	DU1-3951
Pa	S K MacDonald Assoc, Inc	1531 Spruce St, Phila	KI5-1205
RI	Paul R Sturgeon Inc	25 Huntington Ave, Boston, Mass	CO6-7705
SC	Lee Reed	1224 Dresden Dr, W, Charlotte, NC	KE7-4818
SD	Northern State Sales	1400 Park Ave, Mpls, Minn	FE3-2521
Tenn	Lee Reed	1224 Dresden Dr, W, Charlotte, NC	KE7-4818
Tex	G W De Zell	Box 35402, Dallas	FL7-7279
Utah	Earl S Condon Co	3450 Wilshire Blvd, LA, Cal	DU1-3951
Vt	Paul R Sturgeon Inc	25 Huntington Ave, Boston, Mass	CO6-7705
Va	S K MacDonald Assoc	3308 14th St, NW, Washington, DC	CO5-3938
Wash	Earl S Condon Co	Box 35402, Dallas, Tex	DU1-3951
W Va	H H Seay Co	3850 Farlington Dr, Columbus, Ohio	HU8-9591
Wis	Burt Anderson & Assoc, Inc	6414 W. Higgins Ave, Chicago, Ill	SP4-4174
Wyo	Earl S Condon Co	3450 Wilshire Blvd, LA, Cal	DU1-3951

SLAUGHTER CO ... Piqua 9, Ohio ... PR3-5937
#2 *12 B 895-1135

Cal	Peninsula Assoc	Redwood City	EM9-1221
Ore	Peninsula Assoc	Redwood City, Cal	EM9-1221
Wash	Peninsula Assoc	Redwood City, Cal	EM9-1221

SLIDING MECHANISMS INC ... 2405 W Ohio St. Chicago 12, Ill ... CH3-0400
H Kobitter #2 *27 B 1620

Cal	John Harris	4729 Green Bush Ave, Sherman Oaks	ST4-1220
Cal	Elmec Sales Inc	1921 University Ave, Palo Alto, Cal	DA3-3413
Cal	Fred C Warren	Box 75821, Sanford Sta, Los Angeles	WE4-3341
Colo	Leonard E Roehle	465 S Leyden St, Denver	DU8-3127
Fla	Edwin W Irby	Box 583, Orlando, Fla	GA5-8283
Fla	Harvey E Antley	20100 N.E. 25th Ct, N. Miami, Fla	WI5-2962
Ga	Cartwright & Bean	3223 Cainshill Pl, N.W., Atlanta, Ga	CE7-2273
Ind	R O Whitesell & Associates	6620 E. Washington St, Indianapolis, Ind	FL9-5374
Md	Robert E Vogel	5606 St. Albans Way, Baltimore 12, Md	VA5-2800
Md	J H Electronics Sales Co	P O Box 5844, Towson	JA5-4441
Minn	Scott Electronic Sales	5705 W 40th St, Minneapolis	WE9-7981
NY	SAM Assoc	150-09 87th Ave, Jamaica	OL8-4888
NY	C Wm Donnelly Co	37 Lakeside Trail, E, Payson Lakes, NJ	TE8-3871
NY	John P Murphy	1609 Victoria St, Baldwin, NY	BA3-3611
Ohio	R L Thomas	2600 Franklin Bldg, Dayton, Ohio	AX8-4351
Ohio	Don Rostsen	Box 5, Westlake, Ohio	DU1-1221
Pa	J H Electronics Sales Co	Box 5844, Towson, Md	VA5-4441
Tenn	James B Cartwright	560 S. Cooper St, Memphis, Tenn	BR6-4442
Tex	Thomas P Harper	2274 Branard St, Houston, Tex	JA4-3991
Wash	Ray H Cooley	101 Jones Bldg, Seattle 1, Wash	MU2-4577

SLIP RING CO OF AMERICA ... 3612 W. Jefferson Blvd, Los Angeles, Cal ... RE5-0252
H Stevens #8 *100 E 160-685-1290-1305-1460-1625-1735-1785-1810

Ariz	Parmuth Assoc	2650 E. Thomas Rd, Phoenix	AM4-4934
Cal	G M Howard & Assoc	727 Industrial Rd, San Carlos	LY1-5798
Cal	Parmuth Assoc	Washington Blvd, LA	WE1-1041
Cal	Len Bar	5058 Faculty Ave, Lakewood	NE6-2275
Fla	Jack Gauthier Co	235 Lincoln Rd, Miami Beach, Fla	JE1-0210
Fla	Jack Gauthier Co	711 Magnolia Ave, Orlando, Fla	
Ill	W L Cunningham & Associates	435 Addison Ave, Elmhurst, Ill	TE2-0905
Mass	Deliver Sales Engineering Co	1492 Highland Ave, Needham 92, Mass	HI4-4200
Minn	R J Marshall Co	6006 Excelsior St, Mpls 16	
NJ	R J Schmitt	Box 96, Tenafly	LO7-5353
Ohio	Monatron	21055 Lorrain Rd, Cleve	ED1-3594
Pa	Danco Corp	Fairview Village	NO5-2600
Tex	Packard Associates	Love Field Terminal Bldg, Dallas 35	FL7-6713
Utah	Donovan A Dutton Co	328 W, 2nd S, Salt Lake City	EM3-7591
Wash	Dan Smith Sales Co	2070 N. 45th St, Seattle 3, Wash	
Canada	E S Gould Sales Co	19 LeRoyer W., Montreal, P Q, Canada	

SMALL MOTORS INC ... 2076 Elston Ave, Chicago 14, Ill ... AR6-6900
R Cook #10 *75 D 105-365-550-895-1165

SMALLWOOD LTD, S G ... 391 King St. E, Kitchener, Ont. Can ... SH5-9583
S Smallwood #3 *50 C 45-320-390-1855-1860

Can	Glendon Co., Ltd	503 Evans Ave, Toronto 14	CL5-5001
Can	McIntyre Agencies	7365 Mountain Sights, Montreal, Que	RE7-7672

SMITH CO., ARTHUR F ... 311 Alexander St, Rochester, NY ... BA5-4670
895

SMITH MFG CO., INC., E C ... Forrest & Hector, Conshohocken, Pa ... TA8-4790
A Marrow #3 *50 190-265-345-895-1795-1850-1960

Del	Delaware Valley Engineering Co	Forrest & Hector Sts, Conshohocken, Pa	TA8-4790
DC	Delaware Valley Eng Co	Forrest & Hector Sts, Conshohocken, Pa	TA8-4790
Idaho	D L Snelman & Co	113 King St, Seattle 4, Wash	MA3-8260
Ky	C K M Industrial Sales	3058 Madison Rd, Cincinnati 9, Ohio	ME1-1193
Md	Delaware Valley Eng Co	Forrest & Hector Sts, Conshohocken, Pa	TA8-4790
NJ	Fluid Controls Co	645 Anderson Ave, Cliffside Park, NJ	WH3-1793
NJ	Delaware Valley Eng Co	Forrest & Hector Sts, Conshohocken, Pa	TA8-4790
NY	Nickles Engineering Co	830 Linden Ave, Rochester 10, NY	LU6-4988
NY	Fluid Controls Co	645 Anderson Ave, Cliffside Park, NJ	WH3-1793
Ohio	Kurt J Lesker Co	4535 Vernon Ave, Pittsburgh, Pa	TU1-4666
Ohio	C K M Industrial Sales	3058 Madison Rd, Cincinnati 9, Ohio	ME1-1193
Ore	D L Snelman & Co	113 King St, Seattle 4, Wash	MA3-8260
Pa	Kurt J Lesker Co	4535 Vernon Ave, Pittsburgh, Pa	TU1-4666
Pa	Delaware Valley Eng Co	Forrest & Hector Sts, Conshohocken	TA8-4790
Va	Delaware Valley Eng Co	Forrest & Hector Sts, Conshohocken, Pa	TA8-4790
Wash	D L Snelman & Co	113 King St, Seattle 4, Wash	MA3-8260
W Va	Kurt J Lesker Co	4535 Vernon Ave, Pittsburgh 27, Pa	TU1-4666

SMITH-FLORENCE INC ... 4228 23rd, W., Seattle, Wash ... AT4-0170
200-338-895-1135-1340

Ala	Murphy & Cota	112 Gallatin St, SW, Huntsville	JE6-4121
Alas	Cemptronics	2 Hanford St, Seattle 4, Wash	MA4-5135

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ariz	Gates Co	200 S. Main St, Salt Lake City 1, Utah	EL9-1101
Cal	C W Mauldin Co	441 California Ave, Palo Alto, Cal	DA6-5291
Cal	Ault Winter Inc	1635 Centinela Ave. Inglewood	OR8-6144
Colo	F Y Gates Co	200 S Main St, Salt Lake City 1, Utah	EL9-1101
Conn	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MT4-7530
Del	Burlingame Assoc	6218 Wisconsin Ave. Wash 14, DC	OL4-6400
DC	Burlingame Assoc	6218 Wisconsin Ave. Wash 14	OL4-6400
Fla	Murphy & Cota	2319 E S St. Orlando	GA4-2161
Haw	Electronics Eng of Hawaii	2330 Hame Rule St. Honolulu 17	8-3105
Idaho	Comptronics	2 Hanford St, Seattle, Wash	MA4-6135
Ill	Kenneth W Meyers Co	6713 N Oliphant Ave. Chicago 31	SP4-6440
Ind	Kenneth W Meyers Co	6713 N Oliphant Ave. Chicago 31, Ill	SP4-6440
Iowa	Kenneth W Meyers Co	6713 N Oliphant Ave. Chicago 31, Ill	SP4-6440
Me	Burlingame Assoc	974 Main St. Waltham, Mass	TW4-1955
Md	Burlingame Assoc	6218 Wisconsin Ave. Wash 14, DC	OL4-6400
Mass	Burlingame Assoc	974 Main St. Waltham	TW4-1955
Mich	Satullo Co., The	4512 Woodward Ave. Royal Oak	LI9-3910
Minn	Pat Lind Electronics Co	9781 Western Ave. Circle Pines	SU4-3827
Mont	Comptronics	2 Hanford St, Seattle, Wash	MA4-6135
Nev	F Y Gates Co	200 S Main St, Salt Lake City 1, Utah	EL9-1101
NH	Burlingame Assoc	974 Main St. Waltham, Mass	TW4-1955
NJ	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MT4-7530
NM	F Y Gates Co	122 Harvard Dr. SE, Albuquerque	CH3-8010
NY	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MT4-7530
NY	Visual Electronics Corp	356 W 40th St, NY 18	PE6-5840
NC	Murphy & Cota	1106 Burke St. Winston Salem	PA4-0750
ND	Pat Lind Electronics Co	9781 Western Ave. Circle Pines, Minn	SU4-3827
Ohio	Satullo Co, The	4512 Woodward Ave. Royal Oak, Mich	LI9-3910
Okla	Tex-Rep	4082 Royal Ln. Dallas, Tex	FL7-1277
Ore	Comptronics	2 Hanford St, Seattle, Wash	MA4-6135
Pa	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MT4-7530
RI	Burlingame Assoc	974 Main St. Waltham, Mass	TW4-1955
SD	Pat Lind Electronics Co	9781 Western Ave. Circle Pines, Minn	SU4-3827
Tex	Tex-Rep	4082 Royal Ln., Dallas	FL7-1277
Utah	F Y Gates Co	200 S Main St, Salt Lake City 1	EL9-1101
Vt	Burlingame Assoc	974 Main St. Waltham, Mass	TW4-1955
Va	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MT4-7530
Wash	Comptronics	2 Hanford St, Seattle, Wash	MA4-6135
W Va	Satullo Co., The	4512 Woodward Ave. Royal Oak, Mich	LI9-3910
Wis	Pat Lind Electronics Co	9781 Western Ave. Circle Pines, Minn	SU4-3827
Wyo	F Y Gates Co	200 S Main St, Salt Lake City 1, Utah	EL9-1101
Canada	Comptronics	2 Hanford St, Seattle, Wash	MA4-6135
Can	B H McGregor	Box 156, Sta. N, Toronto 13, Ont	OX9-5521
For	Frazar & Hansen, Ltd	301 Clay St. SF 11, Cal	EX2-5112
	SMITH INC., HERMAN H	**2326 Nostrand Ave, Brooklyn 10, NY**	**CL3-7900**
	S Sackman #3 *90 E 25-125-175-230-240-300-345-375-390-715-750-770-785-790-795-805-895-905-925-930-960-1005-1055-1075-1120-1125-1205-1290-1315-1325-1330-1535-1560-1580-1630-1715-1730-1735-1780-1785-1875-1940		
Ala	Morris F Taylor Co	940 Lake Elbert Dr. Winter Haven, Fla	CY4-2941
Alaska	William R Lanphear Co	3215 Western Ave, Seattle, Wash	AT4-8150
Ariz	Ellard E Strassner Co	1865 N. Western Ave, Los Angeles, Cal	HO2-0916
Ark	Hank Lieberman Associates Inc	6005 Northwood Rd, Dallas, Tex	EM3-3452
Cal	Ellard E Strassner Co	1865 N. Western Ave, Los Angeles, Cal	HO2-0916
Colo	Koether-Cox Co	1325 S Inca St. Denver 23	PE3-5561
Conn	Abbett & Hustis	1245 Highland Ave. Needham, Mass	HI4-5470
Del	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
DC	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Fla	Morris F Taylor Co	4304 Corona St, Tampa, Fla	62-4071
Ga	Morris F Taylor Co	940 Lake Elbert Dr. Winter Haven, Fla	CY4-2941
Idaho	Koether-Cox Co	1325 S Inca St. Denver 23, Colo	PE3-5561
Ill	J J McBride Sales Co	328 E. Burlington St, Riverside, Ill	HI7-8131
Ind	Charles Scheffler Co	1133 Navajo Trail R R 14, Indianapolis	CL3-6337
Iowa	McDowell Redlingshafer Sales Co	1103 E. Armour, Kansas City, Mo	WE1-6622
Kan	McDowell Redlingshafer Sales Co	1103 E. Armour, Kansas City, Mo	WE1-6622
Ky	Charles Scheffler Co	1133 Navajo Trail R R 14, Indpls, Ind	CL3-6337
La	Hank Lieberman Associates Inc	6005 Northwood Rd, Dallas, Tex	EM3-3452
Me	Abbett & Hustis	P.O. Box 298, Needham, Mass	HI4-5470
Md	Morris F Taylor Co	9431 Georgia Ave, Silver Spring	JU9-4002
Mass	Abbett & Hustis	P.O. Box 293, Needham, Mass	HI4-5470
Mich	Butchart & Rabsburg Assoc	8735 E Jefferson Ave. Detroit 14	VA1-6621
Minn	Clark R Gibb Co	2400 Hennepin Ave, Minneapolis, Minn	FR7-1200
Miss	L R Massey Co	304 E. Jefferson St, Greenwood, Miss	GL3-3038
Mo	McDowell Redlingshafer	3615 Olive St, St. Louis, Mo	JE3-3277
Mont	Koether-Cox Co	1325 S Inca St. Denver 23, Colo	PE3-5561
Neb	McDowell Redlingshafer	1103 E. Armour, Kansas City, Mo	WE1-6622
Nev	Ellard F Strassner Co	1865 N. Western Ave, Los Angeles, Cal	HO2-0916
NH	Abbett & Hustis	P.O. Box 293, Needham, Mass	HI4-5470
NM	Koether-Cox Co	1325 S Inca St. Denver 23, Colo	PE3-5561
NC	Morris F Taylor Co	940 Lake Elbert Dr. Winter Haven, Fla	CY4-2941
ND	Clark R Gibb Co	2400 Hennepin Ave, Minneapolis, Minn	FR7-1200
Ohio	Neal Bear Co	3435 Streetsboro Rd, W., Richfield, Ohio	OL9-3331
Okla	Hank Lieberman Associates	6005 Northwood Rd, Dallas, Tex	EM3-3452
Ore	William R Lanphear Co	16800 S.E. Thomas Smith Rd, Portland	OL4-0124
Pa	Morris F Taylor Co	9500 Buckhorn Rd, Baltimore, Md	NO8-9054
RI	Abbett & Hustis	1245 Highland Ave. Needham, Mass	HI4-5470
SC	Morris F Taylor Co	940 Lake Elbert Dr. Winter Haven, Fla	CY4-2941
Tenn	L R Massey Co	304 E. Jefferson St, Greenwood, Miss	GL3-3038
Tex	Hank Lieberman Associates	6005 Northwood Rd, Dallas, Tex	EM3-3452
Utah	Koether-Cox Co	1325 S Inca St. Denver 23, Colo	PE3-5561
Vt	Abbett & Hustis	P.O. Box 293, Needham, Mass	HI4-5470
Va	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Wash	William R Lanphear Co	3215 Western Ave, Seattle, Wash	AT4-8150
W. Va	Neal Bear Corp	1974 Gregory Ave, Monroeville, Pa	VA3-5117
Wisc	J J McBride Sales Co	328 E. Burlington St, Riverside, Ill	HI7-8131
Wyo	Koether-Cox Co	1325 S Inca St. Denver 23, Colo	PE3-5561
Canada	Atlas Radio Corp Ltd	50 Wingold Ave, Toronto, Ontario, Canada	RU1-6174
Foreign	Roburn Agencies	431 Greenwich St, New York, NY	
	SMITH MFG CO., J & H	**Little Britain Rd, Newburgh, NY**	**JO1-8600**
	45-185-360-650-795-895-990-1135-1735		
	SMOOTH-ON MFG CO	**572 Communipaw Ave Jersey City 4, NJ**	**HE3-0076**
	H Silver *21 D 315-900-1290		
Ariz	John C Adams Co	1110 S. Atlantic Blvd LA 22, Cal	AN9-2162
Cal	John C Adams Co	1110 S. Atlantic Blvd, Los Angeles 22	AN9-2162
Cal	Duane C Lyle	4085 Laguna Way, Palo Alto, Cal	DA6-5845
Fla	Glascoat Corp	190 NW 176th St, Miami 69	
Ill	Luckey Lab	Luckey, Ohio	
Ind	Luckey Lab	Luckey, Ohio	
Mich	Luckey Lab	Luckey, Ohio	
Mont	Frank J Martin Co	821 E. 86th St. Seattle 15, Wash	EM2-8188
Ohio	Luckey Laboratories	Luckey, Ohio	
Okla	Graco Supply Co	1017 Miller St, Fort Worth 5, Tex	JE4-7711
Ore	Frank J Martin Co	821 E. 86th St. Seattle 15, Wash	EM2-8188
Tex	Graco Supply Co	1017 Miller St. Fort Worth 5	JE4-7711
Utah	Duane C Lyle	4085 Laguna Way, Palo Alto, Cal	DA6-5845
Wash	Frank J Martin Co	821 E 86th St. Seattle 15, Wash	EM2-8188
	SNAP-ON TOOLS CORP	**8129 28th Ave, Kenosha, Wisc**	**OL4-8681**
	G Childress G 255-1715-1825		
Ala	Snap-On Tools Corp	810-A 5th Ave, N., Birmingham 4, Ala	FA2-8781
Ariz	Snap-On Tools Corp	3229 E. Washington St, Phoenix, Ariz	BR5-2489
Cal	Snap-On Tools Corp	1717 W. 6th St, Los Angeles 17, Cal	DU8-3445
Cal	Snap-On Tools Corp	2605 Market St, Oakland 7, Cal	HI4-6986
Colo	Snap-On Tools Corp	2160 Clay St, Denver 11, Colo	GE3-6238
Fla	Snap-On Tools Corp	1606 Walnut St, Jacksonville 6, Fla	EL4-4469
Fla	Snap-On Tools Corp	4311 N.W. 36th St, Miami 48, Fla	TU7-7336
Ga	Snap-On Tools Corp	2075 Liddell Dr, N.E., Atlanta 24, Ga	TR5-9682
Hawaii	Snap-On Tools Corp	2402 Kalihi St, Honolulu 17, Hawaii	866-665
Ill	Snap-On Tools Corp	1746 N Sheridan Rd, Peoria, Ill	685-2461
Ill	Snap-On Tools Corp	120 N. May St, Chicago 7, Ill	TA9-2651
Ill	Snap-On Tools Corp	1746 N Sheridan Rd. Peoria, Ill	685-2461
Ind	Snap-On Tools Corp	2424 Stewart Ave, Indianapolis 20, Ind	CL3-6418
Iowa	Snap-On Tools Corp	2055 Hubbell Ave, Des Moines 17, Iowa	AM5-1479
Ky	Snap-On Tools Corp	1609 Eastern Pkwy, Louisville 4, Ky	GL1-7909
Md	Snap-On Tools Corp	4503 E. Monument St, Baltimore 5, Md	DI2-4466
Mass	Snap-On Tools Corp	116 N. Beacon St, Boston 35, Mass	ST2-7296
Mich	Snap-On Tools Corp	93 Piquette Ave, Detroit 2, Mich	TR5-6455
Minn	Snap-On Tools Corp	6418 W. Lake St, Minneapolis 26, Minn	WE9-7841
Mo	Snap-On Tools Corp	2165 Hampton Ave, St. Louis 10, Mo	MI7-2338
Mont	Snap-On Tools Corp	115 E. Granite St, Butte, Mont	2-8762
Neb	Snap-On Tools Corp	3601 N. 24th St, Omaha 10, Neb	PL3116
NJ	Snap-On Tools Corp	823 Sandford Ave, Newark 6, NJ	ES5-3197
NY	Snap-On Tools Corp	628 W Utica St, Buffalo 13, N Y	TT3-6374
NY	Snap-On Tools Corp	118 Everett Rd, Albany 12, NY	8-4056
NY	Snap-On Tools Corp	2807 White Plains Rd, New York 67, NY	TU2-6868
NY	Snap-On Tools Corp	1622 Burnet Ave, Syracuse 6, NY	GR9-7561
Ohio	Snap-On Tools Corp	4205 Vine St, Cincinnati 17, Ohio	UN1-3181
Ohio	Snap-On Tools Corp	2066 S. Taylor Rd, Cleveland Hghts 18	ER1-3457
Ohio	Snap-On Tools Corp	2932 Monroe St, Toledo 6, Ohio	CH3-1026
Pa	Snap-On Tools Corp	1710 Fairmount Ave, Philadelphia 30, Pa	PO5-7400
Pa	Snap-On Tools Corp	630 Ardmore Blvd, Pittsburgh 21, Pa	CH2-6551
Tex	Snap-On Tools Corp	9101 Diplomacy Row, Dallas 7, Tex	FL7-8241
Tex	Snap-On Tools Corp	1810 LaBranch St, Houston 2, Tex	CA5-5404
Utah	Snap-On Tools Corp	1721 S. Main St, Salt Lake City 15, Utah	HU4-5064
VA	Snap-On Tools Corp	3121 W Marshall St, Richmond 30, Va	EL5-8115
Wash	Snap-On Tools Corp	4503 8th Ave, N.W., Seattle 7, Wash	SU2-2192
Wisc	Snap-On Tools Corp	3450 N. 84th St, Milwaukee 22, Wisc	UP1-3220
Foreign	Snap-On Tools Corp	113 O'Neill St, Hato Rey, Puerto Rico	
	SNYDER MFG CO	**22nd & Ontario Sts, Philadelphia 40, Pa**	**BA5-6565**
	D Morris *350 45		
Cal	Leonard Pill & Associates	1901 W. 9th St, Los Angeles 6, Cal	DU8-3557
Cal	Leonard Pill & Associates	81 Cushing Ave, San Rafael, Cal	GL4-9347
Colo	Frank Bendik	3162 S. Emerson St. Englewood	SU1-0470
Ill	Ray Auerbach	2743 Longmeadow Dr, Chicago, Ill	CR2-2586
Tex	Dave Sterling & Co	150 Howell St, Dallas 7 Tex	RI8-5296
	SOCIETE INDUSTRIELLE DE SONCEBOZ S A	**Sonceboz, Switzerland**	**03297001**
	P Pfister #15 *400 E 1165-1810		
NY	Alina Corp	1122 E. Second St, Mineola, NY	PI7-5336
•	**SOLA ELECTRIC CO**	**4633 W. 16th St, Chicago 50, Ill**	**BI2-1414**
	338-1340-1455-1855		
Ala	James Millar Associates	1036 Peachtree St, N.E., Atlanta 9, Ga	TR6-0919
Ariz	Harry A Moore Sales Co	305 E. Indian School Rd, Phoenix, Ariz	CR4-0600
Cal	Sola Electric Co	123 W. 37th St, San Mateo, Cal	FI1-6538
Cal	Sola Electric Co	3138 E. Olympic Blvd, Los Angeles 23	AN9-9431
Colo	Slaybaugh & Thompson	100 W. 13th Ave, Denver 4, Colo	AC2-6826
Conn	Sola Electric Co	272 Centre St, Newton 58, Mass	BI4-3354
Del	Sola Electric Co	210 N. 6th St, Camden 3, NJ	WA2-5340
DC	Sola Electric Co	210 N. 6th St, Camden 3, NJ	WA2-5340
Fla	James Millar Associates	1036 Peachtree St, N.E., Atlanta 9, Ga	TR6-0919
Ga	James Millar Associates	1036 Peachtree St, N.E., Atlanta 9, Ga	TR6-0919
Idaho	Slaybaugh & Thompson	100 W. 13th Ave, Denver 4, Colo	AC2-6826
Iowa	McDowell-Redlingshafer Sales Co	1103 E. Armour, Kansas City, Mo	WE1-6622
Kan	McDowell-Redlingshafer Sales Co	1103 E. Armour, Kansas City, Mo	WE1-6622
Me	Sola Electric Co	272 Centre St, Newton 58, Mass	BI4-3354
Md	Sola Electric Co	210 N. 6th St, Camden 3, NJ	WA2-5340
Mass	Sola Electric Co	272 Centre St, Newton 58, Mass	BI4-3354
Minn	The Heimann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Miss	James Millar Associates	1036 Peachtree St, N.E., Atlanta 9, Ga	TR6-0919
Mo	McDowell-Redlingshafer Sales Co	1103 E. Armour, Kansas City, Mo	WE1-6622
Mont	Northwestern Agencies Inc	4130 1st Ave, S., Seattle 4, Wash	MA3-8882
Neb	McDowell-Redlingshafer Sales Co	1103 E. Armour, Kansas City, Mo	WE1-6622
NH	Sola Electric Co	272 Centre St, Newton 58, Mass	BI4-3354
NJ	Sola Electric Co	210 N. 6th St, Camden, NJ	WA2-5340
NM	Slaybaugh & Thompson	100 W. 13th Ave, Denver 4, Colo	AC2-6826
NY	Sola Electric Co	84 Industrial Ave, Little Ferry, NJ	BR9-9180
NC	Ranson, Wallace & Co	116 - 1/2 E. 4th St, Charlotte 2, NC	ED4-4244
ND	The Heimann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Ohio	Sola Electric Co	19115 Detroit Rd, Cleveland 16, Ohio	ED3-2223
Okla	Robert E Nesbitt Co	1925 Cedar Springs, Dallas 1, Tex	RI7-4145
Ore	Northwestern Agencies Inc	4130 1st Ave, S., Seattle 4, Wash	MA3-8882
Pa	Sola Electric Co	210 N. 6th St, Camden 3, NJ	WA2-5340
RI	Sola Electric Co	272 Centre St, Newton 58, Mass	BI4-3354
SC	Ranson, Wallace & Co	116 - 1/2 E. 4th St Charlotte 2, NC	ED4-4244
SD	The Heimann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Tenn	James Millar Associates	1036 Peachtree St, N.E., Atlanta 9, Ga	TR6-0919
Utah	Slaybaugh & Thompson	100 W. 13th Ave, Denver 4, Colo	AC2-6826
Vt	Sola Electric Co	272 Centre St, Newton 58, Mass	BI4-3354
Va	Ranson, Wallace & Co	116 - 1/2 E. 4th St, Charlotte 2, NC	ED4-4244
Wash	Northwestern Agencies Inc	4130 1st Ave, S., Seattle 4, Wash	MA3-8882
W. Va	Sola Electric Co	19115 Detroit Rd, Cleveland 16, Ohio	ED3-2223
Wyo	Slaybaugh & Thompson	100 W. 13th Ave, Denver 4, Colo	AC2-6826
	SOLAR MFG CORP	**4553 Seville Ave, Los Angeles 58, Cal.**	**LU3-1411**
	215-220-240-410-870-905-1475-1655-1850-1875-1890-1915		
	SOLARTRON INC	**1742 S. Zeyn St, Anaheim, Cal**	**PR2-2652**
	50-330-338-470-610-895-1135-1145-1340-1585-1610-1850-1935		
Del	S & S Associates Inc	750 W. DeKalb Pike, King of Prussia, Pa	
DC	S & S Associates Inc	4509 Calvert Rd, College Park, Md	
Md	S & S Associates Inc	750 W. DeKalb Pike, King of Prussia, Pa	
Mich	Tower Engineering Co	15364 James Couzens, Detroit 35, Mich	
NJ	S & S Associates Inc	750 W. DeKalb Pike, King of Prussia, Pa	
Ohio	Tower Engineering Co	3918 Linden Ave, Dayton, Ohio	
Pa	Tower Engineering Co	3918 Linden Ave, Dayton, Ohio	
Pa	S & S Associates Inc	750 W. DeKalb Pike, King of Prussia, Pa	
Va	S & S Associates Inc	750 W. DeKalb Pike, King of Prussia, Pa	
W. Va	Tower Engineering Co	3918 Linden Ave, Dayton, Ohio	
	SOLATRON INC	**128 Jackson St. Cambridge 40, Mass**	**TR6-7250**
	J Dabrowski #12 *21 338-775-885-895-1210-1460-1550-1555-1610		
•	**SOLID STATE ELECTRONICS CO**	**Dept E 15321 Reyes St. Sepulveda, Cal**	**EM4-2271**
	E Politi #3 *15 C 275-320-330-365-470-895-915-1125-1135-1150-1425-1460-1850-1855		
Ariz	G H Vaughn Co	2366 E Foothill Blvd. Pasadena, Cal	MU1-4511
Cal	G H Vaughan Co	2366 E Foothill Blvd. Pasadena	MU1-4511
Conn	Saunders & Co	8 Prospect St, Waltham 54, Mass	TW4-6071
Del	Walter C Stemler & Assoc	25 W Pennsylvania Ave. Towson 4, Md	VA8-8853
DC	Walter C Stemler & Assoc	25 W Pennsylvania Ave. Towson 4, Md	VA8-8853
Ky	Ohio Instruments	7316 Winston Churchill Dr. Dayton 32, Ohio	CH4-2744
Me	Saunders & Co	8 Prospect St, Waltham 54, Mass	TW4-6071
Md	Walter C Stemler & Assoc, Inc	25 W Pennsylvania Ave. Towson 4	VA8-8853
Mass	Saunders & Co	8 Prospect St, Waltham 54, Mass	TW4-6071
Nev	G H Vaughan Co	2366 E Foothill Blvd. Pasadena, Cal	MU1-4511
NH	Saunders & Co	8 Prospect St, Waltham 54, Mass	TW4-6071
NJ	Induston Co	300 Northern Blvd, Great Neck, NY	HU7-2520
NM	G H Vaughan Co	2366 E Foothill Blvd. Pasadena, Cal	MU1-4511
NY	Induston Co	300 Northern Blvd, Great Neck, NY	HU7-2520
NY	Induston Co	200 E. Genesee St, Syracuse 1, NY	HA2-2054
NC	Walter C Stemler & Assoc, Inc	25 W Pennsylvania Ave. Towson, Md	VA8-8853
Ohio	Ohio Instruments Co	7316 Winston Churchill Dr, Dayton 32	CH4-2744
Pa	Walter C Stemler & Assoc, Inc	25 W Pennsylvania Ave. Towson 4, Md	VA8-8853
RI	Saunders & Co	8 Prospect St, Waltham 54, Mass	TW4-6071
Vt	Saunders & Co	8 Prospect St, Waltham 54, Mass	TW4-6071
Va	Walter C Stemler & Assoc, Inc	25 W Pennsylvania Ave. Towson 4, Md	VA8-8853
W. Va	Ohio Instruments Co	7316 Win Churchill Dr, Dayton 32, Ohio	CH4-2744
Canada	Radionics Ltd	8230 Mayrand St, Montreal 9, Que, Canada	
Foreign	Radiophon	50, Rue Du Faub Poiss, Paris, France	
•	**SOLID STATE MATERIALS CORP**	**5 Erie Dr, E Natick, Mass**	**CE5-8321**
	#4 *8 A 240-410-895-1075-1125-1510		
	SOLITRON DEVICES, INC	**500 Livingston St. Norwood, NJ**	**PO8-3770**
	B Friedman #8 *80 D 895-1150-1445		
Ala	Ralph B Knollenberg	P O Box 132, Charlotte 1, NC	
Ariz	Cramer & Co	444 W Camelback Rd. Phoenix 13	CR9-1231
Ark	Hank Lieberman & Assoc	6005 Northwood Rd. Dallas 25, Tex	
Cal	Wes Electronic Assoc	Box 45774, Westchester Sta. L A 45	OR8-0151
Colo	Kelley Enterprises	336 E 4th St. Loveland	NO7-3663
Conn	Abbett & Hustis	1245 Highland Ave. Needham 92, Mass	HI4-5470
Del	Jerry Bresson Assoc	246 Haverford Ave. Narberth, Pa	GR7-3800
DC	Jerry Bresson Assoc	246 Haverford Ave. Narberth, Pa	GR7-3800
Fla	Components Sales Corp	P O Box 178, N Miami Beach 62	Wh-7721
Idah	Kelley Enterprises	336 E 4th St. Loveland, Colo	NO7-3663
Ill	Withers, Rosen & Cahill, Inc	5439 W Division St. Chicago 51	AU7-7290
Ind	Hoenig Sales Co	Butler Ct. Fort Wayne 8	AN2083
Iowa	Heimann Co., The	1711 Hawthorne Ave. Minneapolis 3, Minn	FE2-5457
Kan	Heimann Co., The	1711 Hawthorne Ave. Minneapolis 3, Minn	FE2-5457
Ky	Hoenig SalesCo	Butler Ct. Fort Wayne 8, Ind	AN2083
La	Hank Lieberman & Assoc	6005 Northwood Rd. Dallas 25, Tex	
Md	Jerry Bresson Assoc	246 Haverford Ave. Narberth, Pa	GR7-3800
Mass	Abbett & Hustis	1245 Highland Ave. Needham 92	HI4-5470
Mich	R S Lumann Co	17730 Fenkell Ave. Detroit 27	
Minn	Heimann Co., The	1711 Hawthorne Ave. Minneapolis 3	FE2-5457
Mo	Heimann Co., The	6616 Agnes, Kansas City 32	
Mont	Kelley Enterprises	336 E 4th St. Loveland, Colo	NO7-3663
Neb	Heimann Co., The	1711 Hawthorne Ave. Minneapolis 3, Minn	FE2-5457
NH	Abbett & Hustis	1245 Highland Ave. Needham 92, Mass	HI4-5470
NJ	S-J Sales Eng Co	149-35 Archer Ave. Jamaica 35, NY	AX1-3232
NM	Kelley Enterprises	336 E 4th St. Loveland, Colo	NO7-3663
NY	S-J Engineering Co	149-35 Archer Ave. Jamaica 35	AX1-3232
NY	Kaaterskill Electronics & Sales Corp	RD 1, Box 396-C, Rt 9W, Kingston	FE8-5262
NC	Ralph B Knollenberg	P O Box 132, Charlotte 1	
ND	Heimann Co., The	1711 Hawthorne Ave. Minneapolis 3, Minn	FE2-5457
Ohio	Mike Roth Sales Co	13947 Cedar Rd. Cleveland 18	WE8-2591
Okla	Hank Lieberman & Assoc	6005 Northwood Rd. Dallas 25, Tex	
Pa	Jerry Bresson Assoc	246 Haverford Ave. Narberth	GR7-3800
Pa	Mike Roth Sales Co	13947 Cedar Rd. Cleveland 18, Ohio	WE8-2591
RI	Abbett & Hustis	1245 Highland Ave. Needham 92, Mass	HI4-5470
SC	Ralph B Knollenberg	P O Box 132, Charlotte 1, NC	
SD	Heimann Co., The	1711 Hawthorne Ave. Minneapolis 3, Minn	FE2-5457
Tenn	Ralph B Knollenberg	P O Box 132, Charlotte 1, NC	
Tex	Hank Lieberman & Assoc	6005 Northwood Rd. Dallas 25	
Utah	Kelley Enterprises	336 E 4th St. Loveland, Colo	NO7-3663
Vt	Abbett & Hustis	1245 Highland Ave. Needham 92, Mass	HI4-5470
Va	Jerry Bresson Assoc	246 Haverford Ave. Narberth, Pa	GR7-3800

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
W Va	[illegible] Sales Co	13947 Cedar Rd, Cleveland 18, Ohio	WE8-2591
Wis	Hermann Co, The	6421 W Powell Pl, Milwaukee 13	
For	Aston International	150 5th Ave, New York 11, NY	SP7-8100
	SOMERS BRASS CO	**94 Baldwin Ave, Waterbury, Conn**	**PL6-8321**
	F Hoden #3 *175 1125-1815		
NY	C S Spencer	110 E 42nd St, New York	MU2-0561
●	**SOMEX INC**	**20 E Herman St, Phila 44 Pa**	**VI3-6400**
	S Custer #6 *32 C 325-338-385-895-1150-1340		
Cal	Somex Inc	16741 Ventura Blvd, Encino	ST3-0560
Tex	Norman S Brown Assoc	5952 Boca Raton Dr, Dallas 30	EM3-3698
	SONOBOND CORP, SUB AEROPROJECTS INC	**310 E Rosedale Ave, W Chester Pa**	**OW6-4710**
	D Kirkpatrick #15 *75 E 1915		
Cal	C Hermann Assoc	P O Box 1179, Palo Alto, Calif	
NY	Redhad Corp, The	252 Saratoga Rd, Scotia 2, N Y	
	SONOGRAF ELECTRIC CO	**37 E. 28 St. NY 16, NY**	**MU3-2357**
	Domestic Sales Div 55-1200-1255-1675-1985		
Cal	Martell Electronics Sales Inc	7430 Melrose Ave, LA 46	
●	**SONOTONE CORP**	**Elmsford, NY**	**LY2-9600**
	R Mahler #115 *2,500 G 70-810-815-1130-1195-1675-1705-1880		
Ala	S K Wallace & Associates	Box 67, Lutz, Fla	WE9-3241
Alaska	Marsh Agencies Inc	2601 First Ave, Seattle, Wash	MA8761
Ariz	J W Marsh Co	4216 W. Jefferson Blvd, Los Angeles, Cal	RE2-0145
Ark	The Texport Co	2147 Farrington Blvd, Dallas, Tex	RI7-6086
Cal	J W Marsh Co	4216 W. Jefferson Blvd, L A, Cal	RE2-0145
Cal	J W Marsh Co	1256 Fitzgerald Ave, San Francisco, Cal	
Colo	Cox Sales Co	S. Denver Sta, Box 4201, Denver, Colo	PE3-6772
Conn	William A Hendrickson	291 First Parish Rd, Scituate, Mass	LI5-0652
Del	Chas W Lienau Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
DC	Chas W Lienau Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
Fla	S K Wallace & Associates	Box 67, Lutz, Fla	WE9-3241
Ga	S K Wallace & Associates	Box 67, Lutz, Fla	WE9-3241
Hawaii	J W Marsh Co	4216 W. Jefferson Blvd, L A, Cal	RE2-0145
Idaho	Marsh Agencies Inc	2601 First Ave, Seattle, Wash	MA8761
Ill	J K Rose & Co	1116 Linden Ave, Highland Park, Ill	AM2-5584
Ind	Southern Sales Co	105 Lakeshore Dr, Angola, Ind	AN777
Iowa	Carmine A Vignola Associates	P.O. Box 569, Jefferson City, Mo	JE5-1023
Kan	Carmine A Vignola Associates	P.O. Box 569, Jefferson City, Mo	JE5-1023
Ky	Southern Sales Co	105 Lakeshore Dr, Angola, Ind	AN777
La	Texport Co, The	2147 Farrington Blvd, Dallas, Tex	RI8-6458
Me	William A Hendrickson Co	291 First Parish Rd, Scituate, Mass	LI5-0652
Md	Chas W Lienau Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
Mass	William A Hendrickson Co	291 First Parish Rd, Scituate, Mass	LI5-0652
Mich	Rathsburg	3539 Townsend Ave, Detroit, Mich	WA5-8850
Minn	Ray Ripley	7222 James Ave, S., Minneapolis, Minn	UN6-0682
Miss	S K Wallace & Assoc	P.O. Box 67, Lutz, Fla	WE9-3241
Mo	Carmine A Vignola Associates	P.O. Box 569, Jefferson City, Mo	JE5-1023
Mont	Cox Sales Co	P.O. Box 4201, Denver, Colo	PE3-6772
Neb	Cox Sales Co	P.O. Box 4201, Denver, Colo	PE3-6772
Nev	J W Marsh Co	4216 W. Jefferson Blvd, Los Angeles, Cal	RE2-0145
NH	William A Hendrickson Co	291 First Parish Rd, Scituate, Mass	LI5-0652
NJ	S A Shaw Co	361 Central Park Ave, Yonkers, NY	YO3-5780
NJ	Chas W Lienau Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
NM	Cox Sales Co	P.O. Box 4201, Denver, Colo	PE3-6772
NY	L D Allen Co	Salina Sta, P.O. Box 33, Syracuse, NY	GR1-3338
NY	S A Shaw Co	361 Central Park Ave, Yonkers, NY	YO3-5780
NC	S K Wallace & Associates	P.O. Box 67, Lutz, Fla	WE9-3241
ND	Ray Ripley	7222 James Ave, S., Minneapolis, Minn	UN6-0682
Ohio	John O Olsen Co	16301 Shaker Blvd, Cleveland, Ohio	SK2-5444
Okla	Texport Co, The	2147 Farrington Blvd, Dallas, Texas	RI8-6458
Ore	Marsh Agencies Inc	2601 First Ave, Seattle, Wash	MA8761
Pa	John O Olsen Co	16301 Shaker Blvd, Cleveland, Ohio	SK2-5444
Pa	Charles W Lienau Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
RI	W A Hendrickson Co	291 First Parish Rd, Scituate, Mass	LI5-0652
SC	S K Wallace & Assoc	P O Box 67, Lutz, Fla	WE9-3241
SD	Ray Ripley	7222 James Ave, S., Minneapolis, Minn	UN6-0682
Tenn	S K Wallace & Associates	P.O. Box 67, Lutz, Fla	WE9-3241
Tex	The Texport Co	2147 Farrington Blvd, Dallas, Tex	RI7-6086
Utah	Cox Sales Co	P.O. Box 4201, Denver, Colo	PE3-6772
Vt	W A Hendrickson Co	291 First Parish Rd, Scituate, Mass	LI5-0652
Va	Charles W Lienau Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
Wash	Marsh Agencies Inc	2601 First Ave, Seattle, Wash	MA8761
W Va	John O Olsen Co	16301 Shaker Blvd, Cleveland, Ohio	SK2-5444
Wisc	J K Rose & Co	1116 Linden Ave, Highland Park, Ill	AM2-5584
Wyo	Cox Sales Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
Canada	Atlas Radio Corp	50 Wingold Ave, Toronto, Canada	RU1-6174
●	**SONY CORP**	**514 Broadway, New York 12, NY**	**WO6-0800**
	500-810-1130-1425-1435-1445-1450-1760-1860-1890		
Foreign	Sony Corp	Tokyo, Japan	
●	**SORENSEN & CO, INC**	**Richards Ave, Norwalk, Conn**	**TE8-6571**
	J Pelis #4C *400 F 338-365-915-1135-1340-1455-1855		
Ala	Bivins & Caldwell Inc	Huntsville, Ala	JE2-5733
Cal	Mc Carthy Associates	635 Oak Grove Ave, Menlo Park, Cal	DA6-7447
Cal	Mc Carthy Associates	1055 E. Walnut St, Pasadena, Cal	MU1-7411
Cal	Mc Carthy Associates	3460 Ingraham St, San Diego, Cal	BR4-1100
Colo	Lahana & Co	1886 S. Broadway, Denver 10, Colo	PE3-3791
Conn	Yewell Associates Inc	1101 E. Main St, Bridgeport, Conn	FO6-3456
Fla	Bivins & Caldwell Inc	723 W. Smith St, Orlando, Fla	CH1-1091
Ga	Bivins & Caldwell, Inc	3110 Maple Dr, NE, Atlanta	CE3-7522
Haw	Arva, Inc	837 South Queen, Honolulu	506-[illegible]
Ill	Pivan Engineering Co	5542 Peterson Ave, Chicago	KE9-4[illegible]
Ind	Pivan Engineering Co	10000 No. College Ave, Indianapolis	VI6-1532
Ky	Bivins & Caldwell Inc	1923 N. Main St, High Point, NC	HI2-6873
Md	Herman Associates Inc	941 Rollins Ave, Rockville, Md	HA7-7960

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Md	Herman Associates, Inc	3006 W Cold Spring Ln, Baltimore	MO4-8345
Mass	Yewell Associates	Middlesex Tpk, Burlington 24, Mass	BR2-9000
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit 35, Mich	BR3-2900
Minn	Pinkney & Hine Co	5925 Nicollet Ave, Minneapolis 3, Minn	FE6-0521
Mo	Harris Hanson Co	7916 Paseo Ave, Kansas City 30, Mo	HI4-9494
Mo	Harris-Hanson Co	2814 S. Brentwood Blvd, St. Louis 17, Mo	MI7-4350
NJ	The I E Robinson Co	403 Main St, Asbury Park, NJ	KE1-3150
NJ	R&C Associates	391 Grand Ave, Englewood, NJ	LO7-3933
NY	R&C Associates Inc	370 E. 79th St, New York, NY	TR9-7029
NY	J D Ryerson Associates Inc	11 Keene Rd, Syracuse, NY	GI6-1771
NY	Yewell Associates Inc	806 Main St, Poughkeepsie, NY	GR1-3456
NY	J D Ryerson Assoc, Inc	1381 Beech Ave, Rochester	
NY	J D Ryerson Assoc, Inc	105 Pickwick Dr, Rochester	
NC	James L Highsmith	3733 Monroe Rd, Charlotte, NC	FR7-2540
NC	Bivins & Caldwell, Inc	1923 N Main St, High Point	HI2-6873
Ohio	S Sterling Co	5827 Mayfield Rd, Cleveland 24, Ohio	HI2-8080
Ohio	S Sterling Company	5300 S Dixie Dr, Dayton	AX8-7573
Ore	Arva	1238 W. Glisan St, Portland 9, Ore	CA2-7337
Pa	I E Robinson Co	Box 187, Camp Hill	RE7-6781
Pa	S Sterling Company	4232 Brownsville Rd, Pittsburgh	TU4-5515
Pa	I E Robinson Co, The	344 Elizabeth St, West Conshohocken	CH8-1600
Tex	Earl Lipscomb Associates	P.O. Box 7084, Dallas 9, Tex	FL7-1881
Tex	Earl Lipscomb Associates	P. O. Box 6646, Houston 5, Tex	MO7-2407
Utah	Lahana & Company	1182 Major St, Salt Lake City	HU4-8166
Va	James L Highsmith & Co	P O Box 536, Richmond	EL9-1411
Wash	Arva	1320 Prospect St, Seattle 9, Wash	MA2-0177
Canada	Bayly Engineering Ltd	Hunt St, Ajax, Ontario, Canada	EM2-3741
Can	Arva, Inc	365 Burrard St, Vancouver, B C	MU2-4323
Can	Bayly Engineering Ltd	48 Sparks St, Ottawa, Ont	CE2-9821
Foreign	Electro Labs S A	Guanajuato 115, Mexico, D F, Mexico	11-69-94
Foreign	Seyffer Artag	Eichstrasse 25, Zurich, Switzerland	
	SORENSEN INDUSTRIAL ELECTRONIC CO	**Route 10, Dover, NJ**	**FO6-3905**
	A Sorenson #3 *10 B 285-300-325-360-825-895-905-910-1390-1425-1435-1845-1855-1870		
	SOROBAN ENGINEERING INC	**Box 1717, Melbourne, Fla**	**PA3-7221**
	C West #15 *220 E 338-635-895-950-1250-1435-1750-1760		
Cal	R W McGill	5524 Yolo Dr, San Jose	
	SOUND PROJECTS CO DIV LE CLAIR	**2410 S. Central Ave, Cicero 50, Ill**	**OL6-4455**
	M Le Clair #1 *30 C 55-320-895-1130		
	SOUND SCRIBER CORP	**Middletown Ave, N. Haven 2, Conn**	**ST7-2125**
	R Sender #20 *300 895-1435		
Ala	SoundScriber Sales Corp	5017-5th Ave, S, Birmingham	AL2-7797
Alas	Effco Electronics	325 4th Ave, Anchorage	BR6-2002
Ariz	Office Communications Co	512 W Adams St, Phoenix	AL3-7816
Ark	Friden Calculating Mach. Ag	1205 Grand Ave, Ft. Smith	SU3-6316
Cal	SoundScriber Sales Corp	1809 W 6th St, Los Angeles	DU5-8116
Cal	SoundScriber Sales Corp	Ferry Building, San Francisco 5	
Colo	Office Machines Co	852 Broadway, Denver	AM6-3647
Conn	SoundScriber Sales Corp	252 Park St, New Haven	SP7-5549
Del	SoundScriber Sales Corp	1308 Washington St, Wilmington	OL6-5378
DC	SoundScriber Sales Corp	3883 Wisconsin Ave, NW, Wash	FE8-1494
Fla	Dictating Systems Co	4247 Henderson Blvd, Tampa	8-1346
Ga	SoundScriber Sales Corp	135 North Ave, NE, Atlanta	TR6-1018
Haw	John J Harding Co. Ltd	1518 Kona St, Honolulu	99-5375
Idaho	Shaws' Office Supply	917 Idaho St, Boise	2-5529
Ill	SoundScriber Sales Corp	Prudential Plaza, Chicago 1	DE7-5341
Ind	SoundScriber Sales Corp	521 W Colfax Ave, South Bend	CE4-8531
Iowa	M & M Sales Co	920 Locust St, Des Moines	AT3-4807
Kan	Acme Business Machines	120 W 6th St, Topeka	CE3-9828
Ky	Typewriting, The	149 S Limestone St, Lexington	3-3481
La	Dictation Systems	822 Baronne St, New Orleans	MA2917
Me	Joy's Associated Sales	7 Libby Ave, Lewiston	3-8308
Md	SoundScriber Sales Corp	711 S N Charles St, Baltimore	TU9-7963
Mass	SoundScriber Sales Corp	161 Corey Rd, Boston	BE2-8300
Mich	SoundScriber Sales Corp	10050 Puritan Ave, Detroit 38	DI1-4474
Minn	SoundScriber Sales Corp	4141 Minnehaha, Minneapolis	PA4-9457
Miss	Office Supply Co, The	2505 14th St, Gulfport	UN3-3325
Mo	SoundScriber Sales Corp	3611 Main St, Kansas City	PL3-6756
Nev	SoundScriber Sales Corp	2156 E Charleston Blvd, Las Vegas	DU2-0468
NJ	SoundScriber Sales Corp	15 N Harrison, E Orange	OR5-7711
NM	Business Machines Co	2406 Central SE, Albuquerque	CH2-2729
NY	SoundScriber Sales Corp	168 Central Ave, Albany	3-9842
NY	Callister Corporation	280 Madison Ave, New York 16	MU5-9850
NC	Copper D Cass Co	433 W End Blvd, Winston-Salem	PA2-8121
Ohio	SoundScriber Sales Corp	3649 Euclid Ave, Cleveland	EX1-1110
Okla	Al Cook Desk & Office Sup Co	204 Northwest 2nd, Oklahoma City	CE6-5516
Ore	Oregon Typewriter & Rec. Co	340 SW 5th Ave, Portland	CA3-6223
Pa	SoundScriber Sales Corp	6756 W Chester Pike, Upper Darby	SH3-5080
Pa	SoundScriber Sales Corp	901 Ridge Ave, Pittsburgh 12	AL1-2244
RI	SoundScriber Sales Corp	403 Westminster St, Providence	JA1-7020
SC	SoundScriber Sales Corp	2105 Santee Ave, Columbia	AL3-9664
Tenn	SoundScriber Sales Corp	2294 Jackson Ave, Memphis	BR6-3905
Utah	T W Peterson Co	1611 Harvard Ave, Salt Lake City	EM3-1918
Va	SoundScriber Sales Corp	400 Gresham Dr, Norfolk 7	MA2-7277
Wash	SoundScriber Sales Corp	2307 5th Ave, Seattle 4	MA2-0214
W Va	M H Haas Co	713 9th Ave, Huntington	JA5-1651
Wis	Marvin R Kelvis Co	847 W Va St, Milwaukee	BR3-7448
	SOUNDOLIER INC	**9380 Watson Ind. Pk, St. Louis 26, Mo**	**WO2-9870**
	N Friedman 55		
Cal	Ellard E Strassner Co	3853 N. Western Ave, Los Angeles 27, Cal	
Cal	Lebell-Haren Associates	1485 Bayshore Blvd, San Francisco, Cal	
Colo	Hyde Electronics Co	886 S. Lipan, Denver, Colo	
Conn	Paul W Kief Associates	35 Oak, Westport, Conn	
Fla	Morris F Taylor Co	4304 Corona St, Tampa 9, Fla	
Ga	Morris F Taylor Co	2996 Connally Dr, East Point, Ga	
Hawaii	Gene Piety Factors Inc	2030 Home Rule St, Honolulu, Hawaii	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ill	Ray R Hutmacher Associates	5647 N. Olcott, Chicago, Ill	
Ind	Robt C Whitesell & Associates	1630 E. Washington, Indianapolis, Ind	
La	The Texport Co	3628 Carrollton, New Orleans, La	
Md	Chas W Lienau & Co	9427 Georgia Ave, Silver Spring, Md	
Mich	Robt Mlisk Co	18571 James Couzens Hwy, Detroit, Mich	
Minn	Mel Foster Co	2400 Hennepin Ave, Minneapolis, Minn	
Mo	Forristal Young Sales Co	6147 Delmar, St. Louis, Mo	
Mo	Forristal Young Sales Co	4053 Broadway, Kansas City, Mo	
NM	Hyde Electronics Co	5306 Constitution Ave, Albuquerque, NM	
NY	Berjay Associates	519 S. 5th Ave, Mt. Vernon, NY	
NY	Leroy & McGuire Inc	RD 1, Phelps, NY	
NC	Morris F Taylor Co	1204 Dresden Dr, Charlotte 5, NC	
Ohio	C L Pugh Co	2144 Riverside Dr, Columbus, Ohio	
Ore	Burt C Porter Co	Box 4978, Portland, Ore	
Tex	The Texport Co	2147 Farrington, Dallas 7, Tex	
Tex	The Texport Co	11940 La Tosca Ln, Houston 24, Tex	
Wash	Burt C Porter Co	1109 Poplar Pl, Seattle, Wash	
Canada	R C Kahnert Sales Ltd	73 Crockford Blvd, Scarboro, Ontario, Canada	
Foreign	Electronic Mfgs Export Co	127 Grace St, Plainview, NY	
	SOUTH RIVER METAL PRODUCTS CO., INC	**377 Tpk, South River, NJ**	**CL4-[illegible]**
	45-140-285-790-905-1120-1125-1170-1495-1960		
Ala	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta 9, Ga	
Ariz	Nelson Co	P.O. Box 538, Albuquerque, NM	
Cal	Sinar-Johnson Inc	845 Jessie St, San Francisco, Cal	
Colo	Nelson Co	710 E. Louisiana Ave, Denver, Colo	
Conn	Keene Sales Co	25 Tremont St, Boston 8, Mass	
Del	Charles Lienau Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
DC	Charles Lienau Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
Fla	Murphy & Cota	1220 Edgewater Dr, Orlando, Fla	
Ga	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta 9, Ga	
Idaho	Nelson Co	P.O. Box 1871, Salt Lake City, Utah	
Ind	M E Tyson Co	848 Colfax St, Toledo 6, Ohio	
Iowa	Harold Slater Co	21 Crestview, St. Joseph, Mo	
Kan	Harold Slater Co	21 Crestview, St. Joseph, Mo	
Ky	M E Tyson Co	848 Colfax St, Toledo 6, Ohio	
Me	Keene Sales Co	25 Tremont St, Boston 8, Mass	
Md	Chas Lienau Co	9427 Georgia Ave, Silver Spring, Md	
Mass	Keene Sales Co	25 Tremont St, Boston 8, Mass	
Mich	Rod Butchart Co	18637 E. Warren, Detroit 24, Mich	
Miss	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta 9, Ga	
Mo	Harold Slater Co	21 Crestview, St. Joseph, Mo	
Mont	Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	
Neb	Harold Slater Co	21 Crestview, St. Joseph, Mo	
NH	Keene Sales Co	25 Tremont St, Boston 8, Mass	
NM	Nelson Co	P.O. Box 538, Albuquerque, NM	
NY	Le Roy & Mc Guire Inc	RD 1, Phelps, NY	
NC	G S Schiffer & Co	P.O. Box 6365, Summit Sta, Greensboro, NC	
Ohio	Weller-Rahe Co	P.O. Box 212, Worthington, Ohio	
Pa	Weller Rahe Co	P.O. Box 212, Worthington, Ohio	
Pa	Chas Lienau Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
RI	Keene Sales Co	25 Tremont St, Boston 8, Mass	
SC	G S Schiffer & Co	P.O. Box 6365, Summit Sta, Greensboro, NC	
Tenn	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta 9, Ga	
Utah	Nelson Co	P.O. Box 1871, Salt Lake City, Utah	
Vt	Keene Sales Co	25 Tremont St, Boston 8, Mass	
Va	Chas Lienau Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
W Va	Weller-Rahe Co	P.O. Box 212, Worthington, Ohio	
Wyo	Nelson Co	710 E. Louisiana Ave, Denver 10, Colo	
	SOUTHCO DIV SOUTH CHESTER CORP	**Lester, Pa**	**LE4-1000**
	H Jordan 645-790-1490-1535		
Ala	Piedmont Equipment Co	114 Fairwood Ave, Charlotte 3, NC	ED4-6823
Ariz	Donald Kennedy	3132 E Highland Ave, Phoenix	BR5-9231
Ark	Industrial Sales Service	6626 Maple Ave, Dallas 35, Tex	FL7-4379
Cal	Dean Lewis Associates	4385 Piedmont Ave, Oakland, Cal	OL4-3613
Cal	Southco Div. South Chester Corp	704 S Spring St, Los Angeles 14	MA7-9703
Cal	Ray R Sweet & Son	414 S Clark Dr, Beverly Hills	BR2-6561
Colo	Harry P Daigle Co	651 S Jason St, Denver 23	SH4-2311
Conn	G V Eads & Co	Kent, Conn	WA7-3553
DC	South Chester Corp	107 York Rd, Baltimore 4, Md	VA5-7999
Fla	A-Opn-Teers Enterprises	P O Box 7325, Orlando	CY2-6259
Ga	Piedmont Equipment Co	114 Fairwood Ave, Charlotte 3, NC	ED4-6823
Idaho	Harry P Daigle Co	651 S Jason St, Denver 23, Colo	SH4-2311
Idaho	H E Sims	Box 161, Bellevue, Seattle, Wash	GL4-4308
Ill	South Chester Corp	612 N. Michigan Ave, Chicago 14, Ill	DE7-2532
Ill	Clancey Co	3527 Broadway, Kansas City 11, Mo	WE1-3090
Ill	F H Ring Co	7400 Pershing, St. Louis 30, Mo	VO3-2511
Ill	South Chester Corp	2800 E. 38th St, Indianapolis 5, Ind	LI7-1282
Ind	South Chester Corp	2800 E. 38th St, Indianapolis 5, Ind	LI7-1282
Iowa	Clancey Co	3844 Valdez Dr, Des Moines	CR9-9112
Kan	Clancey Co	3527 Broadway, Kansas City 11, Mo	WE1-3090
Ky	South Chester Corp	1717 Section Rd, Cincinnati 37, Ohio	EL1-2424
La	Industrial Sales Service	6626 Maple Ave, Dallas 35, Tex	FL7-4379
Me	G Vernon Eads	Kent, Conn	WA7-3553
Md	South Chester Corp	107 York Rd, Baltimore 4, Md	VA5-7999
Mass	South Chester Corp	6 Beacon St, Boston 8, Mass	CA7-1515
Mich	South Chester Corp	612 N. Michigan Ave, Chicago 14, Ill	DE7-2532
Mich	Carl Lamparter	17907 E Warren Ave, Detroit 36	TU5-4444
Minn	A A Gustafson Co	361 Griggs-Midway Bldg, St. Paul 4	MI4-7030
Mo	Clancey Co	3527 Broadway, Kansas City 11, Mo	WE1-3090
Mo	F H Ring Co	7400 Pershing, St. Louis 30, Mo	VO3-2511
Mont	H E Sims	Box 161, Bellevue, Seattle, Wash	GL4-4308
Neb	Clancey Co	3527 Broadway, Kansas City 11, Mo	WE1-3090
NH	G Vernon Eads & Co	Kent, Conn	WA7-3553
NJ	South Chester Corp	69 Dey St, New York 7, NY	WO4-3459
NM	Donald Kennedy	3132 E Highland Ave, Phoenix, Ariz	BR5-9231
NY	South Chester Corp	69 Dey St, New York 7, NY	WO4-3459
NY	South Chester Corp	Honeoye Falls, NY	HO161
NY	South Chester Corp	6 Beacon St, Boston 8, Mass	CA7-1515
NY	Lion Fastener Co	Honeoye Falls, NY	HO161
NC	Piedmont Equipment Co	114 Fairwood Ave, Charlotte 3, NC	ED4-6823
Ohio	South Chester Corp	1717 Section Rd, Cincinnati 37, Ohio	EL1-2424
Ohio	Alfred F Johnson Co	14527 Detroit Ave, Cleveland 7, Ohio	LA1-3650

● INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Okla	South Chester Corp	1527 Hunt Bldg. Tulsa 3	LU7-2158
Ore	H E Sims	Box 181, Bellevue, Seattle, Wash	GL4-4309
Pa	Production Components Co	1754 N. Highland Rd, Pittsburgh 28, Pa	LO3-1888
RI	South Chester Corp	6 Beacon St, Boston 8, Mass	CA7-1515
SC	Piedmont Equipment Co	114 Fairwood Ave, Charlotte 3, NC	ED4-6823
Tenn	Piedmont Equipment Co	114 Fairwood Ave, Charlotte 3, NC	ED4-6823
Tex	South Chester Corp	420 Esperson Bldg. Houston 2	FA3-1153
Tex	Industrial Sales Service	6606 Maple Ave. Dallas 35	FL7-4379
Utah	Harry P Dargle Co	451 S Jason St. Denver 23, Colo	SH4-2311
Vt	G Vernon Eads & Co	Kent, Conn	WA7-3553
Va	South Chester Corp	107 York Rd, Baltimore 4, Md	VA5-7599
Wash	H E Sims	P.O. Box 181, Bellevue, Seattle, Wash	GL4-4309
W.Va	Production Components Co	1754 N. Highland Rd, Pittsburgh 28, Pa	LO3-1888
Wis	A A Gustafson Co	161 Grignon-McCarty Bldg. St Paul 4, Minn	MI4-7630
Wisc	South Chester Corp	743 N. 7th St, Milwaukee, Wisc	BR3-7666
Wyo	Harry P Dargle Co	451 S Jason St, Denver 23, Colo	SH4-2311
Can	Black Brothers, Ltd	1200 Hornby St. Vancouver 1, BC	MU3-5581
Can	Westair Sales Co	380 Donald St. Winnipeg 2, Man	WH3-2461
Can	Metal & Wood Fastening Dev Co	301 King St. E, Toronto, Ont	EM4-1916
Canada	Metal & Wood Fas Dev Co	6302 Papineau Ave, Montreal 35, P Q	CR4-9434

• SOUTHERN ELECTRONICS CORP .. 150 W Cypress Ave. Burbank, Cal VI9-3193
G Gessell #3 *60 D 220

Ala	Tec-Sel, Inc	Times Bldg. Huntsville	
Ariz	Kay Co	714 E 9th St, Tucson	EA5-4725
Ark	K O Brown & Co	8400 Westchester, Dallas 25, Tex	EM1-2351
Cal	Ross & Hay Electronics, Inc	3376 W 1st St. Los Angeles 4	DU8-7111
Colo	Longstreet-Smith Assoc	1013 15th St. Denver	KE4-5091
DC	L G White & Co	880 Bonifant St. Silver Spring, Md	JU5-3141
Fla	Winfield Electronic Sales	666 NE 125th St. N Miami	PL1-5566
Ill	Lee Mark Assoc	2001 Big Bend Blvd. St Louis 17	MI5-1470
Ill	Ringland Krueger Co	4738 N Harlem Ave. Chicago 31	UN7-7100
Ind	Engineer's Eqpt Co	10055 James Couzens Hwy. Detroit	DI1-5943
Kan	Lee Mark Assoc	Box 8467, Kansas City 14, Mo	NI2-3313
La	K O Brown & Co	8400 Westchester, Dallas 25, Tex	EM1-2351
Md	L G White & Co	880 Bonifant St, Silver Spring	JU5-3141
Mass	Wm Connors Co	103 Adams St, N Abington	TR8-2939
Mich	Engineer's Eqpt Co	10055 James Couzens Hwy. Detroit 35	DI1-5943
Mo	Lee Mark Assoc	2001 Big Bend Blvd. St Louis 17	MI5-1470
Neb	Lee Mark Assoc	Box 8467, Kansas City 14, Mo	NI2-3313
NJ	Willgold Electronic Sales	100 N Village Ave. Rockville Centre, NY	RO4-4022
NM	Longstreet-Smith Assoc	2708 Carol, NE, Albuquerque	
NY	Alan E Dennis Agency	P O Box 207, Sodus	
NY	Willgold Electronic Sales	100 N Village Ave. Rockville Centre	RO4-4022
NC	L G White & Co	P O Box 2356, Winston-Salem	PA5-3612
Okla	K O Brown & Co	8400 Westchester, Dallas 25, Tex	EM1-2351
Ore	Don Smith Sales	2320 N 45th St. Seattle 3, Wash	ME3-3160
SC	L G White & Co	P O Box 2356, Winston-Salem, NC	PA5-3612
Tex	K O Brown & Co	8400 Westchester, Dallas 25	EM1-2351
Utah	Longstreet-Smith Assoc	1013 15th St. Denver, Colo	KE4-5091
Va	L G White & Co	P O Box 2356, Winston-Salem, NC	PA5-3612
Wash	Don Smith Sales	2320 N 45th St. Seattle 3	ME3-3160
W Va	L G White & Co	880 Bonifant St. Silver Spring, Md	JU5-3141
Wis	Ringland Krueger Co	4738 N Harlem Ave. Chicago 31, Ill	UN7-7100
Wyo	Longstreet-Smith Assoc	1013 15th St. Denver, Colo	KE4-5091

SOUTHERN INSTRUMENTS LIMITED Frimley Rd, Camberley, Surrey, England CA3401
T Heaney 15-200-895-1850

SOUTHERN SCREW CO .... P.O.Box 1360-EG, Statesville, NC TR3-7213
R Martin *850 1535

Cal	Southern Screw Co	6465 Corvette St, Los Angeles 22, Cal	RA3-4881
Ill	Southern Screw Co	4240 W. Peterson Ave, Chicago 46, Ill	AV6-0912
NJ	Southern Screw Co	4100 Dell Ave, North Bergen, NJ	UN4-4330
Tex	Southern Screw Co	2119 Farrington St, Dallas 7, Tex	RI8-8241

SOUTHWIRE CO ... 4 Fertilla St, Carrollton, Ga TE2-6311
190-1960

Ala	A U Arthur	Rt 6, Carrollton, Ga	TE2-3413
Ark	John L Marlow	1619 Gibraltar Dr, Jackson, Miss	FL3-8097
Cal	C P Crowley Co	117 W. 9th St, Los Angeles 15, Cal	MA2-4848
Colo	Nelson Co	710 E. Louisiana St, Denver 10, Colo	KE4-6751
Del	Roy J Buress	502 Stratford Ct, Towson, Md	VA5-6777
DC	Roy J Buress	502 Stratford Ct, Towson, Md	VA5-6777
Fla	James B Flood	3709 Lochinvar Ln, Orlando, Fla	GA4-6208
Ga	Frank Cook	422 Oak Ave, Carrollton, Ga	TE2-7853
Idaho	Nelson Co	710 E. Louisiana St, Denver 10, Colo	KE4-6751
Ill	Edward M Triggs	917 Northfield Dr, Lebanon, Ind	868
Ind	Edward M Triggs	917 Northfield Dr, Lebanon, Ind	868
Ky	W W Calkins	2312 Whipple Pl, Nashville, Tenn	TU3-7119
La	John L Marlow	1619 Gibraltar Dr, Jackson, Miss	FL3-8097
Md	Roy J Buress	502 Stratford Ct, Towson 4, Md	VA5-6777
Mich	Dale P Seyfried Co	20424 Plymouth Rd, Detroit 29, Mich	BR3-3539
Miss	John L Marlow	1619 Gibraltar Dr, Jackson, Miss	FL3-8097
NM	A W Graham	P.O. Box 69, Clovis, NM	PO3-4244
NY	Don Mitchell	401 Old Courthouse Rd, New Hyde Park	MA7-0107
NC	James L Harris	619 Yadkin St, Albemarle, NC	YU2-1946
Ohio	Edward M Triggs	917 Northfield Dr, Lebanon, Ohio	868
SC	James L Harris	619 Yadkin St, Albemarle, NC	YU2-1946
Tenn	W W Calkins	2312 Whipple Pl, Nashville, Tenn	TU3-7119
Tex	William M Pope	1124 Guthrie Dr, Waco, Tex	PL6-3206
Utah	Nelson Co	710 E. Louisiana St, Denver 10, Colo	KE4-6751
Va	James L Harris	619 Yadkin St, Albemarle, NC	YU2-1946
Wyo	Nelson Co	710 E. Louisiana St, Denver 10, Colo	KE4-6751

SPACE ELECTRONICS CORP ...... 930 Air Way, Glendale 1, Cal CI6-2583
R Davis #187 *298 E 20-35-45-325-330-365-440-450-470-565-635-775-790-885-895-1145-1150-1200-1395-1425-1585-1610-1660-1730-1810-1845-1870

DC	Space Electronics Corp	811 Cafritz Bldg. 1625 Eye St. NW. Wash	
Fla	Space Electronics Corp	15 N. Atlantic Ave. Cocoa Beach	
Ohio	A B Hunter	609 Ridgedale Rd. Dayton 6	

SPARTA MFG CO .... P. O. Box 107, Dover, Ohio 4-2380
C Starkey #2 *50 D 1290-1755

Ariz	Gramer & Co	444 W. Camelback Rd, Phoenix, Ariz	CR9-1231
Cal	Porter Seal Co	1411 Air Way, Glendale	CH5-7631
Cal	Porter Seal Co	Hayward Municipal Airport, Hayward	EL7-1900
Colo	Paul R Spencer Co	4201 Brighton Blvd. Denver 16	KE4-3293
DC	Electronic Specialties Co	P.O. Box 5516, Washington 16, DC	WO6-1512
Fla	Wesco, Inc	2617 Jewel Rd. Largo	584-1171
Ill	Lutz Sales Co	6677 Northwest Hwy, Chicago 31, Ill	RO3-7404
Ind	Richard G Bigler	611 S. 8th St, Goshen, Ind	KE3-6740
Mass	Schutter-Young Co	5 Otis St, Beverly, Mass	WA2-6121
Mich	McCartney Sales Engineering	2222 E Maple Rd, Birmingham	JO4-5874
Mich	Gillespie Sales Engineering	515 Cambridge Blvd. Grand Rapids	GL4-9511
Minn	The Edward Ham Co	P.O. Box 367, Excelsior, Minn	GR4-8609
Mo	Nagel & Nax Inc	11001 Manchester Rd, St. Louis, Mo	YO6-2747
NJ	Hooper-Byrne Co	484 Bloomfield Ave. Montclair	PI4-8866
NY	Harry W Harding	17 Southgate Rd, Buffalo 15, NY	AM1164
Ohio	Paul Teller Assoc	Box 8296, Cleveland	VI2-5226
Ohio	Paul Teller & Associates	1022 Webb Rd, Cincinnati, Ohio	WI1-1956
Pa	Industrial Specialties Co	380 Mt Lebanon Blvd. Pittsburgh	FI1-4000
Pa	Charles Gardner Co	3701 N Broad St. Philadelphia	BA5-4384
Wash	Porter Seal Co	Boeing Field, Seattle	PA5-9570
Foreign	Amer Mfgrs Exports Assoc	P.O. Box 771, Canton 1, Ohio	GL2-6137

SPARTON CORP .... 2400 E. Ganson St, Jackson, Mich ST4-9131
R Frey #125 *600 F 50-180-275-280-320-325-330-338-365-450-470-670-685-895-910-915-1135-1150-1155-1200-1235-1255-1340-1420-1425-1455-1655-1730-1735-1845-1855-1870-1880

Ala	Aironic Accessory Co. Inc	3179 Maple Dr. Atlanta 5	CE7-0788
Alas	J A Tudor & Assoc. Inc	2605 Western Ave. Seattle 1, Wash	SE5520
Ariz	Lon Ladd	208 Wellesley, SE, Albuquerque	AL5-5751
Cal	W Bert Knight Co	10377 W Pico Blvd. Los Angeles 64	BR2-0101
Colo	Lon Ladd	208 Wellesley, SE, Albuquerque, NM	AL5-5751
Conn	Aironic Accessory Co. Inc	161 Orinoco Dr. Brightwaters, NY	MO6-6510
Del	Aironic Accessory Co. Inc	518 Virginia Ave. Baltimore 4, Md	VA3-3350
DC	A A Shemah	405 Westgrove Blvd. Alexandria, Va	SO8-2997
Fla	Aironic Accessory Co. Inc	191 W Fairbanks, Winter Park	MI7-2251
Ga	Aironic Accessory Co. Inc	3179 Maple Dr. Atlanta 5	CE7-0788
Kan	Lon Ladd	208 Wellesley, SE, Albuquerque, NM	AL5-5751
La	Aironic Accessory Co. Inc	191 W Fairbanks, Winter Park, Fla	MI7-2251
Me	Aironic Accessory Co. Inc	161 Orinoco Dr. Brightwaters, LI, NY	MO6-6510
Md	Aironic Accessory Co. Inc	518 Virginia Ave. Baltimore 4	VA3-3350
Mass	Aironic Accessory Co. Inc	161 Orinoco Dr. Brightwaters, LI, NY	MO6-6510
Mich	Product Sales Corp	211 1/2 E Grand River, E Lansing	ED2-6451
Miss	Aironic Accessory Co. Inc	3179 Maple Dr. Atlanta 5, Ga	CE7-0788
Mont	J A Tudor & Assoc. Inc	2605 Western Ave. Seattle 1, Wash	SE5520
Nev	W Bert Knight Co	10377 W Pico Blvd. Los Angeles 64, Cal	BR2-0101
NH	Aironic Accessory Co. Inc	161 Orinoco Dr. Brightwaters, NY	MO6-6510
NJ	Aironic Accessory Co. Inc	161 Orinoco Dr. Brightwaters, NY	MO6-6510
NM	Lon Ladd	208 Wellesley, SE, Albuquerque, NM	AL5-5751
NY	Aironic Accessory Co. Inc	161 Orinoco Dr. Brightwaters	MO6-6510
NC	Aironic Accessory Co. Inc	3179 Maple Dr. Atlanta 5, Ga	CE7-0788
Ohio	Carl Graves	6550 Kemp Rd. Dayton 31	CH4-1879
Ore	J A Tudor Assoc. Inc	2605 Western Ave. Seattle 1, Wash	SE5520
Pa	Aironic Accessory Co. Inc	161 Orinoco Dr. Brightwaters, NY	MO6-6510
RI	Aironic Accessory Co. Inc	161 Orinoco Dr. Brightwaters, NY	MO6-6510
SC	Aironic Accessory Co. Inc	3179 Maple Dr. Atlanta 5, Ga	CE7-0788
Tenn	Aironic Accessory Co. Inc	3179 Maple Dr. Atlanta 5, Ga	CE7-0788
Tex	Lon Ladd	208 Wellesley, SE, Albuquerque, NM	AL5-5751
Vt	Aironic Accessory Co. Inc	161 Orinoco Dr. Brightwaters, NY	MO6-6510
Va	Aironic Accessory Co. Inc	518 Virginia Ave. Baltimore 4, Md	VA3-3350
Wash	J A Tudor & Assoc. Inc	2605 Western Ave. Seattle 1	SE5520
W Va	Aironic Accessory Co. Inc	518 Virginia Ave. Baltimore 4, Md	VA3-3350

SPAULDING FIBRE CO., INC ...... 310 Wheeler St, Tonawanda, NY
E Leitz #50 *2000 G 190-660-715-770-900-975-1290-1890

Cal	Spaulding Fibre Co. Inc	1325 San Julian St. Los Angeles	RI8-7341
Cal	Spaulding Fibre Co., Inc	1780 Shattuck Ave, Berkeley 9, Cal	TH5-7941
Conn	Spaulding Fibre Co., Inc	2026 Main St, Bridgeport 6, Conn	FO6-4595
Ga	Spaulding Fibre Co., Inc	1117 S Oxford Rd, N.E., Atlanta 7, Ga	DR3-4467
Ill	Spaulding Fibre Co., Inc	4770 Lincoln Ave, Chicago 25, Ill	LO1-7867
Ill	Spaulding Fibre Co., Inc	3247 Grove Ave, Berwyn, Ill	ST8-0094
Ill	Spaulding Fibre Co., Inc	5604 W. 63rd St, Chicago 38, Ill	RE5-1919
Ill	Spaulding Fibre Co., Inc	7644 W. Belmont Ave, Chicago 34, Ill	NA5-5525
Ind	Spaulding Fibre Co., Inc	2301 Fairfield Ave, Ft. Wayne 6, Ind	HA3228
Ind	Spaulding Fibre Co., Inc	5438 Washington St, Indpls	FL9-5405
Md	Spaulding Fibre Co., Inc	2104 N. Charles St, Baltimore 18, Md	TU9-7566
Mass	Spaulding Fibre Co. Inc	77 Maple St. Springfield	RE2-5228
Mass	Spaulding Fibre Co., Inc	30 Huntington Ave, Boston 16, Mass	CO6-2680
Mass	Spaulding Fibre Co., Inc	44 Washington St, Wellesley Hills 82	CE5-2100
Mich	Spaulding Fibre Co., Inc	964 E. Seven Mile Rd, Detroit 3, Mich	FO6-5450
Mich	Spaulding Fibre Co., Inc	2021 S. Cedar St, Lansing 10, Mich	IV2-1601
Mo	Spaulding Fibre Co., Inc	7247 Olive Blvd, St. Louis 30, Mo	PA5-4131
Mo	Spaulding Fibre Co., Inc	1500 Big Bend Blvd, St. Louis 17, Mo	MI7-4781
NJ	Spaulding Fibre Co., Inc	227 S. 6th St, Camden 1, NJ	WO3-0107
NJ	Spaulding Fibre Co., Inc	113 Central Ave, Westfield, NJ	AD2-7350
NY	Spaulding Fibre Co., Inc	384 E. 149th St, New York 55, NY	CY2-1006
NY	Spaulding Fibre Co., Inc	1306 E. Water St, Syracuse 3, NY	GR5-3176
NY	Spaulding Fibre Co., Inc	90-34 Jamaica Ave, Woodhaven 21, NY	VI9-5300
Ohio	Spaulding Fibre Co., Inc	3464 Lee Rd, Cleveland 20, Ohio	WA1-3141
Ohio	Spaulding Fibre Co., Inc	136 S. Ludlow St. Dayton 2, Ohio	BA3-2286
Ohio	Spaulding Fibre Co., Inc	1526 Webster Rd, Cleveland 16, Ohio	ED1-8200
Pa	Spaulding Fibre Co. Inc	501 2nd St. Pitcairn	DR2-1112
Wisc	Spaulding Fibre Co., Inc	8338 W. Lisbon Ave, Milwaukee 22, Wisc	UP1-3680
For	Spaulding Fibre of Canada, Ltd	70 Cowan Rd. Toronto 18, Ont	BE3-2151
Foreign	La Fibre Vulcanisee Spaulding	27 Rue Vincent Compoint, Paris, France	
Foreign	Spaulding's Ltd	40 Gloucester Way, Clerkenwell, London E C 1, England	

SPAULDING PRODUCTS CO .... 550 W. Barner St, Frankfort, Ind 4494
B Lambert #1 *30 D 45-1170

Ariz	Wallace Hobbs	P.O. Box 294, Van Nuys, Cal	ST6-9065
Cal	Wallace Hobbs	P.O. Box 294, Van Nuys, Cal	ST6-9065
Del	George Hautenschild	949 E. Godfrey, Philadelphia 24, Pa	PI4-0847
DC	George Hautenschild	949 E. Godfrey, Philadelphia 24, Pa	PI4-0847
Ga	The Hiller Co	3007 Kinneman Rd, Winston-Salem, NC	PA4-2084
Ill	J J McBride Sales Co	328 E. Burlington, Riverside, Ill	HI7-8131
Ind	Joe Clancy & Co., Inc	P.O. Box 269, Angola, Ind	793
Iowa	J J McBride Sales Co	328 E. Burlington, Riverside, Ill	HI7-8131
Kan	George Kampas Sales Co	10500 W. 95th St, Overland Park, Kan	TU8-5213
Ky	Joe Clancy Co., Inc	P.O. Box 294, Angola, Ind	793
Md	George Hautenschild	949 E. Godfrey, Philadelphia 24, Pa	PI4-0847
Minn	Nick Laub Co	3749 Broadway, Minneapolis, Minn	KE7-7000
Mo	George Kampas Sales Co	10500 W. 89th St, Overland Park, Kan	TU8-5213
Neb	George Kampas Sales Co	10500 W. 95th St, Overland Park, Kan	TU8-5213
Nev	Wallace Hobbs	P.O. Box 294, Van Nuys, Cal	ST6-9065
NJ	George Hautenschild	949 E. Godfrey, Philadelphia 24, Pa	PI4-0847
NY	Edwin B Hinck Sales Co	271 N. Mountain Ave, Upper Montclair, NJ	PI6-2625
NC	The Hiller Co	3007 Kinneman Rd, Winston Salem, NC	PA4-2084
ND	Nick Laub Co	3749 Broadway, Minneapolis, Minn	KE7-7000
Ohio	Joe Clancy Co., Inc	P.O. Box 294, Angola, Ind	793
Pa	George Hautenschild	949 E. Godfrey, Philadelphia 24, Pa	PI4-0847
SC	The Hiller Co	3007 Kinneman Rd, Winston Salem, NC	PA4-2084
SD	Nick Laub Co	3749 Broadway, Minneapolis, Minn	KE7-7000
Tenn	The Hiller Co	3007 Kinneman Rd, Winston Salem, NC	PA4-2084
Va	The Hiller Co	3007 Kinneman Rd, Winston Salem, NC	PA4-2084
Wash	Dale Weber Co	8 S. E. Clay, Portland 14, Ore	BE4-7671
Wisc	J J McBride Sales Co	328 E. Burlington St, Riverside, Ill	HI7-8131

SPECIAL CHEMICALS CORP ...... 102 St. Water St. Ossining, NY WI1-5052
M Mirantz 700

SPECIALTIES INC .... Skunks Misery Rd, Syosset, NY WA1-2345
J Slocum #3 *380 E 35-360-895-1310-1850

Cal	Specialties Inc	1263 Westwood Blvd, Los Angeles	BR2-1372
Va	Specialties Inc	Box 188, Charlottesville	CH3-5131

• SPECIALTY AUTOMATIC MACHINE CORP .... 80 Cambridge St, Burlington, Mass BR2-0800
N Donaghy #2 *15 C 1135

SPECIALTY ELECTRONICS DEVELOPMENT CORP .... 115 Eileen Way, Syosset, NY WA1-5200
W Prichep #20 *350 F 45-50-330-345-385-795-885-895-1025-1135-1170-1395-1425-1495-1570-1640-1870

DC	George J Gill	1717 Pennsylvania Ave. NW, Wash	ST3-2460
Canada	Ahearn & Soper Ltd	450 Belfast, Elmvale Acres, Ottawa, Can	CE6-9441
Foreign	Materials & Constructions	15 Rue De La Faisanderie, Paris, France	

• SPECIFIC PRODUCTS .... Box 425, Woodland Hills, Cal DI0-3131
J Van Groos 8 1340-1425

Cal	Van Groos Co	Box 425, Woodland Hills	DI0-3131
Cal	Van Groos Co	1178 Los Altos Ave. Los Altos	WH8-7266
Me	W M Hague Co	1776 Mass Ave. Lexington 73, Mass	VO2-5700
Mass	W M Hague Co	1776 Massachusetts Ave. Lexington 73	VO2-5700
NY	NLR Assoc	15 Tenney Ct. W Orange, NJ	RE1-0774
Pa	NLR Assoc	521 Drummer Rd. Philadelphia 17	CA4-1663
Can	Conway Electronic Enterprises	1514 Eglinton Ave. W, Toronto, Ont	RU3-6576
For	Sylvan Ginsbury Ltd	8 W 40th St, New York 18, NY	LO4-7585

SPECTRA ELECTRONICS CORP ... 250 E. 3rd St, Mt. Vernon, NY MO8-1378
E Werner #7 *20 A 45-325-338-360-470-885-895-1135-1210-1395-1425-1870
Sales Office: See Douglas Microwave Co Inc

SPECTRANOME PLATING CO., INC 330 W. 13 St, New York 14, NY AL5-8677
K Philips #2 *100 D 1340

• SPECTRA-STRIP WIRE & CABLE CORP .... P. O. Box 415, Garden Grove, Cal JE7-4530
D Long #4 *18 C 30-190-315-890-1960-1980-1985

Ala	Paul Heyden Assoc	PO Box 331, E Point, Ga	PO6-0261
Alas	Roger M Lindhome Co	0673 SW Taylors Ferry Rd, Portland, Ore	CH6-4556
Ariz	Lloyd West Co	262 S Los Robles Ave. Pasadena, Cal	MU1-5281
Cal	Lloyd E West Co	262 S. Los Robles Ave, Pasadena, Cal	MU1-5281
Conn	Drew Assoc	PO Box 487, Bedford, Mass	CR4-7232
Fla	Paul Heyden Assoc	PO Box 331, E Point, Ga	PO6-0261
Ga	Paul Heyden Assoc	PO Box 331, E Point	PO6-0261
Mass	Drew Associates Inc	P.O. Box 487, Bedford, Mass	CR4-7232

SPECTROL ELECTRONICS CORP .. 1704 S. Del Mar, San Gabriel, Cal AT7-9761
D Vaughan #35 *500 A 20-35-338-360-365-895-915-1075-1330-1470-1475-1550-1555-1610-1645-1735-1810-1850

Ala	Frank Seay	208 Lincoln St. Huntsville	
Ariz	Brooks, Fenger & Assoc	34-A E. 1st St. Scottsdale	WH6-2111
Cal	Carratt & Associates	P.O. Box 509, Redwood City, Cal	EM9-3354
Cal	David G DeHaas Co	1923 Cable St. San Diego	AC4-2401
Colo	Brooks Fenger & Associates	3541 S. Broadway, Englewood, Colo	SU1-7375
Conn	Michael S Coldwell	195 W. Main St. Avon	OR7-9797
DC	S K MacDonald Inc	3938 14th St. Washington, DC	CO5-3938
Fla	Joe Gentner Co	235 Lincoln Rd, Miami Beach, Fla	JE1-0200
Fla	H Gentner	3713 Needless Dr. Orlando	
Fla	Jack Gentner Co	711 Magnolia Ave, Orlando, Fla	GA4-3336
Idah	Seatronics Inc	Box 2126, Idaho Falls	JA2-7992
Ill	Knoblock & Molena	1603 N. Nelson Ave, Chicago, Ill	NA2-4005
Iowa	Jerry Vrhik Co	419 - 3rd St, S.E., Cedar Rapids, Iowa	EM5-0401
Md	Samuel K MacDonald Inc	2016 Hartford Rd, Baltimore, Md	ID5-1760
Mass	Michael S Coldwell	41 Lancaster Rd. Needham	HI4-1142
Mich	R C Nordstrom & Co	218 Briggs Bldg. Birmingham	JO4-6128
Minn	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis, Minn	WE9-6727
Mo	PEM Sales Co	11861 Chandelee Ln, St Louis 41	HE2-4445
NJ	D R Bittan Co	104 S. Central Ave, Valley Stream, NY	LO1-2444
NM	Brooks, Fenger & Assoc	5510 Domingo Rd. NE Albuquerque	AM8-1724
NY	D R Bittan Co	104 S. Central Ave, Valley Stream, NY	LO1-2444
NY	I A Hetzel Co., Inc	112 Dewitt St, Syracuse, NY	GR9-6641
NY	Kingan Sales Corp	1261 Broadway	MU4-7772

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
NY	Spectrol Electronics Corp	Adams Ct, Plainview, NY	ED3-5850
NC	The Candor Co	2080 Beach St, Winston-Salem, NC	PA2-1432
Ohio	Thomas Electronic Co	Box 384, N. Dayton Sta, Dayton 4, Ohio	BE3-3651
Okla	T J Ray Co	P.O. Box 5417, Tulsa, Okla	WE6-7907
Ore	Seatronics Inc	1817 Norman St, Seattle, Wash	EA3-8545
Pa	S K MacDonald Inc	1531 Spruce St, Philadelphia, Pa	KI5-1205
Pa	S K MacDonald Incorp	135 5th St, Pittsburgh	AT1-2263
SC	The Candor Co	2080 Beach St, Winston Salem, NC	PA2-1432
Tenn	Candor Co	162 Tatnada, Oak Ridge	
Tex	Ammon & Champion Co	2714 Rome St, Dallas 4	FL7-3939
Utah	Brooks, Feeger & Assoc	253 Rio Grande, Salt Lake City	EL9-2427
Wash	Seatronics Inc	1817 Norman St, Seattle, Wash	EA3-8545
Can	Whittaker Electronics Ltd	1171 Whitmore Ave. Ottawa, Ont	PA2-8563
For	Uni-Office Ltd	Hamfistr 51, Dusseldorf	SA7-4281
For	Uni-Office Ltd	Box 1122, Entrepot 23, Rotterdam, Holl	117385
For	Aero-Material AB	Grev Magnigatan, Stockholm, Swed	6,670380
For	Omni Ray AG	Dufourstr 56, Zurich 8, Switzerland	(051) 34 44 30
Foreign	Bay S C s P a	Milano (133)-Via Mario 33, Milan, Italy	661.749
Foreign	Jiveon Electronics	21 Ave, Victor Hugo, Paris 16, France	PO25-20
	SPECTROMAGNETIC INDUSTRIES	**25393 Huntwood Ave. Hayward, Cal**	**SU2-1300**
	D Klein #4 *35 D		
	SPECTRONIC PLATING CO. INC	**330 W 13 St, New York 14, N Y**	**AL5-8677**
	E Rosasco #1 *75 A 1305		
	SPEC-TRONICS	**13942 Saticoy, Van Nuys, Cal**	**TR3-4732**
	275-280-330-365-475-615-795-895-915-1075-1340-1460-1735-1810		
Tex	Tom Harper Co	3274 Brand St, Houston 27, Tex	JA4-3595
	SPECTRUM INSTRUMENTS INC	**Box 61, Steinway Sta, L I City 3, NY**	**AS8-8033**
	J McClean 670-895		
	SPEED ELECTRONICS, INC	**177 Hill La. Mountainside, NJ**	**AD-5200**
	#2 *30 B 110-175-165-280-375-620-660-715-750-770-790-795-900-1125-1135-1150-1155-1245-1290-1295-1605-1640-1700-1705-1780-1785-1940-1960		
Del	Clark & Hostall	716 Winston Ave, Balto, Md	ID5-1235
DC	Clark & Hostall	716 Winston Ave. Balto, Md	ID5-1235
IN	Cliff Heckenberg Assoc	116 S Woodward Ave. Birmingham, Mich	MI7-1172
Ind	Cliff Heckenberg Assoc	116 S Woodward Ave. Birmingham, Mich	MI7-1172
Iowa	Cliff Heckenberg Assoc	116 S Woodward Ave. Birmingham, Mich	MI7-1172
Md	Clark & Hostall	716 Winston Ave. Balto	ID5-1235
Mich	Cliff Heckenberg Assoc	116 S Woodward Ave. Birmingham	MI7-1172
NJ	Harold Martin, Inc	365 Palisades Ave. Cresskill	LO7-4206
NY	Harold Martin, Inc	365 Palisades Ave, Cresskill, NJ	LO7-4836
Ohio	Cliff Heckenberg Assoc	116 S Woodward Ave. Birmingham, Mich	MI7-1172
Va	Clark & Hostall	106 Winston Ave, Baltimore, Md	ID5-1235
	SPEEDWAY MFG CO	**1421 Barnsdale Rd, LaGrange, Park, Ill**	**BI2-2200**
	1165		
	SPEER RESISTOR DIV, SPEER CARBON CO	**Bradford, Pa**	**FO2-5536**
	G Wehler #11 *319 3475		
Cal	W S Harmon Co	121 N. Robertson Blvd, Beverly Hills	OL5-6340
Cal	J W Marsh Co	4216 W. Jefferson Blvd, L A 16, Cal	RE2-0145
Cal	J W Marsh Co	1258 Fitzgerald Ave, San Francisco 24	VA4-6714
Conn	Robert J Suhr Jr	Spring Valley Rd, Woodbridge, Conn	FU7-8712
Fla	Components Sales Corp	P O Box 178, N Miami Beach 62	WI5-4214
Ill	W A Robbins	5975 N. Lincoln Ave, Chicago 45, Ill	LO1-0156
Mass	Robert J Suhr	467 Granby Rd, Chicopee, Mass	LY2-3213
Mich	Henscher Jensen & Co	2542 N. Grand Blvd, Detroit 2, Mich	TR1-4308
NY	W W Hicks	4 Spruce Dr, Roslyn, NY	MA7-6150
NY	R W Jackson	P.O. Box 388, 4446 Main St, Buffalo 26	CI2194
Ohio	John F Kilfoil	5475 Montgomery Rd, Cincinnati 42, Ohio	SY1-6150
Pa	R H Hildebrand	Fairview Village, Montgomery County, Pa	CH7-6225
Tex	John B Suenther	4533 N. Central Expwy, Dallas 5, Tex	JU[illegible]
Wash	Fred R Knight Co	3212 Eastlake Ave, Seattle 2, Wash	EA1818
	• SPELLMAN HIGH VOLTAGE CO	**1930 Adee Ave. NY 69, NY**	**KI7-0306**
	A Harris #1 *8 B 365-915-1135-1340-1345-1855		
Cal	Spellman High Voltage Co	12659 Bass Line, Etiwanda	ET6-652
	• SPENCER-KENNEDY LABS INC	**1320 Soldiers Field Rd, Boston, Mass**	**AL4-5400**
	R MacLaughlin #16 *90 D 365-670-895-1910		
Ariz	Kittleson Co	P O Box 803, Alamogordo, NM	HE7-2780
Cal	Kittleson Co	909 San Antonio Rd, Palo Alto, Cal	DA6-7410
Cal	Kittleson Co	416 N. LaBrea Ave, Los Angeles 36, Cal	WE3-7371
Colo	Scientific Instrument Co	1460 Pennsylvania St, Denver 3, Colo	AL5-2777
Conn	George Gregory Associates	P.O. Box 343, Cheshire, Conn	AT8-2590
Idaho	Hawthorne Electronics	700 S.E. Hawthorne Blvd, Portland, Ore	BE4-9375
Ill	Loren F Green & Associates	5218 W. Diversey Ave, Chicago 39, Ill	PA5-6324
Ind	Loren F Green & Associates	5218 W. Diversey Ave, Chicago 39, Ill	PA5-6824
Iowa	Loren F Green & Associates	5218 W. Diversey Ave, Chicago 39, Ill	PA5-6324
Me	George Gregory Associates	7 Erie Dr, Natick, Mass	OL5-1330
Mass	George Gregory Associates	7 Erie Dr, Natick	OL5-1330
Minn	Engineering Products Associates	1821 University Ave, St. Paul 4, Minn	MI6-3443
Nev	Kittleson Co	416 N. LaBrea Ave, Los Angeles, Cal	WE3-7371
NH	George Gregory Associates	7 Erie Dr, Natick, Mass	OL5-1330
NJ	Louis A Garten & Associates	375 Passaic Ave, Caldwell	OL4-8440
NM	Kittleson Co	P.O. Box 803, Alamogordo, NM	HE7-2780
NY	Louis A Garten & Assoc	375 Passaic Ave, Caldwell, N J	CA6-7800
NY	S B W Associates Inc	179 Weston Rd, N, Rochester	OL4-8440
NY	S B W Associates Inc	232 Roosevelt Dr, Utica	RE2-4410
NY	S B W Associates Inc	2843 W Fayette St, Syracuse	HO8-5041
NY	S B W Associates Inc	Newton Rd, RD 3, Binghamton	RA2-2848
Ore	Hawthorne Electronics	700 S.E. Hawthorne Blvd, Portland 14	BE4-9375
Pa	Louis A Garten & Associates	730 Washington Ln, Jenkintown, Pa	WA7-1200
RI	George Gregory Associates	7 Erie Dr, Natick, Mass	OL5-1330
Utah	Scientific Instrument Co	1460 Pennsylvania St, Denver 3, Colo	AL5-2777
Vt	George Gregory Associates	7 Erie Dr, Natick, Mass	OL5-1330
Wash	Hawthorne Electronics	101 Adm Bldg, Boeing Field, Seattle	PA5-1460
Wisc	Loren F Green & Associates	5218 W. Diversey Ave, Chicago 39, Ill	PA5-6824
Wyo	Scientific Instrument Co	1460 Pennsylvania St, Denver 3, Colo	AL5-2777
Can	E W I Conner Electronics Ltd	2005 MacKay St, Montreal, Que	VI4-3601
Foreign	Ad Auriema Inc	85 Broad St, New York 4, NY	BO9-7750
	SPENCER MFG CO.	**3701 Durand Rd, Racine, Wisc**	
	895		
	SPERRY ELECTRONIC TUBE DIV SPERRY RAND CORP	**P. O. Box 652, Gainesville, Fla**	**FR2-0411**
	W McClenahan #300 *600 G 1135-1145-1890		
Cal	Goettel Jr/Kodera	P.O. Box 45006, Airport Sta, Los Angeles	OR8-6226
Ill	A E Pohl	3555 W. Peterson Ave, Chicago 45, Ill	KE9-5717
Mass	R D Smith	290 Boylston St, Newton, Mass	WO9-5390
NJ	R C Shepherd	P.O. Box 82, Pennsauken, NJ	NO3-2804
NY	C V Walcerf	61 Willoughby St, Brooklyn, NY	MA5-5600
Pa	R C Shepherd	P.O. Box 82, Pennsauken, NJ	NO3-2804
	SPERRY GYROSCOPE CO, DIV SPERRY RAND CORP	**Great Neck, NY**	**LR4-0100**
	#3000 *17000 C 15-35-233-338-775-780-885-895-1135-1165-1300-1395-1425-1855-1870		
Cal	Sperry Gyroscope	715 Folsom St, San Francisco 7, Cal	DO2-8711
Cal	Sperry Gyroscope	Box 90006, Arpt Sta, L A 45	OR8-6226
Colo	Sperry Gyroscope Co	Box 90006, Arpt Sta, L A 45, Cal	OR8-6226
La	Sperry Gyroscope	630 Gravenne St, New Orleans 9, La	JA5-7127
NY	Sperry Gyroscope Co	130 Clinton St, Brooklyn	MA5-5600
Ohio	Sperry Gyroscope	3807 W. 150th St, Cleveland 11, Ohio	WI1-7741
Wash	Sperry Gyroscope	300 W. Harrison St, Seattle 99, Wash	AT4-7551
	SPERRY MICROWAVE ELECTRONICS CO	**P. O. Box 1828, Clearwater, Fla**	**RE6-4161**
	F Lovelle #250 *900 G 25-35-45-95-195-285-330-338-385-500-650-655-670-895-1045-1135-1150-1170-1200-1575-1610-1705-1790-1902		
Ala	S S Lee Assoc. Inc	Box 7896, Orlando, Fla	CH1-4445
Ariz	J T Hill Co	470 S. Pine St, San Gabriel, Cal	AT7-9633
Cal	J T Hill Co	470 S. Pine St, San Gabriel	AT7-9633
Cal	J T Hill Co	1582 Laurel St, San Carlos	CU3-6565
Conn	Technical Instruments Inc	1115 Main St, Bridgeport	OL2-2534
Del	S S Lee Assoc. Inc	Box 7896, Orlando, Fla	
DC	Sperry Microwave Electronics Co	1000 16th St, NW, Washington	ST3-6166
Fla	S S Lee Assoc. Inc	Box 7896, Orlando	CH1-4445
Ga	S S Lee Assoc. Inc	Box 7896, Orlando, Fla	CH1-4445
Haw	J T Hill Co	470 S. Pine St, San Gabriel, Cal	AT7-9633
Me	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
Md	S S Lee Assoc. Inc	Box 7896, Orlando, Fla	CH1-4445
Mass	Technical Instruments Inc	90 Main St, Reading	RE2-3930
Miss	S S Lee Assoc. Inc	Box 7896, Orlando, Fla	CH1-4445
Nev	J T Hill Co	470 S. Pine St, San Gabriel, Cal	AT7-9633
NH	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
NJ	Louis A Garten & Assoc	375 Passaic Ave, Caldwell	CA6-7800
NY	Martin P Andrews Co	319 Mott Rd, Fayetteville, NC	NE7-3144
NY	Sperry Gyroscope Co	Great Neck	
NC	S S Lee Assoc. Inc	Box 7896, Orlando	CH1-4445
Ohio	Sperry Gyroscope Co	Talbott Tower, Dayton	BA3-8836
Okla	John A Green Co	7114 Envoy Ct, Dallas 35, Tex	FL1-9947
Ore	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	MA4-3650
Pa	Louis A Garten & Assoc	730 Washington Ln, Jenkintown	WA7-1200
RI	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
SC	S S Lee Assoc. Inc	Box 7896, Orlando	CH1-4445
Tenn	S S Lee Assoc. Inc	Box 7896, Orlando, Fla	CH1-4445
Tex	John A Green Co	7114 Envoy Ct, Dallas 35	FL1-9947
Vt	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
Va	S S Lee Assoc. Inc	Box 7896, Orlando, Fla	CH1-4445
Wash	N R Schultz Co	4227 Airport Way, Seattle	MA4-3650
Can	Sperry Gyroscope Co. of Can. Ltd	Box 710, Montreal, Que	RI7-5561
	SPERRY PHOENIX CO DIV SPERRY RAND CORP	**21111 N 19th Ave. Phoenix 27, Ariz**	**WI3-2311**
	V Acri #200 *1400 G 20-25-35-325-338-360-775-780-895-1395		
Cal	Sperry Gyroscope Co	715 Folsom St, San Francisco 7, Cal	DO2-8711
Cal	Sperry Phoenix Co	2200 E Imperial Hwy, El Segundo	OR8-6226
Cal	Sperry Phoenix Co	PO Box 6572, San Diego 6	AC2-3026
DC	Sperry Phoenix Co	1000 16th St, NW, Wash 6	ST3-6166
Ga	Sperry Phoenix Co	6505 Williamson Dr, NE, Atlanta 5	BL5-4155
Kan	Sperry Phoenix Co	1802 Industrial Ave, Wichita 12	LY1-3493
NY	Sperry Gyroscope Co Div	Great Neck, Long Island	LR4-0111
Ohio	Sperry Phoenix Co	111 W 1st St, Dayton 2	BA3-8836
Wash	Sperry Phoenix Co	300 W Harrison, Seattle 99	AT4-7551
	SPERRY SEMICONDUCTOR DIV SPERRY RAND CORP	**Norwalk, Conn**	**VI7-3851**
	E Berlin 590-1860		
Ala	Sperry Semiconductor Div	Gaither Rd, Sykesville, Md	
Ariz	Sperry Semiconductor Div	2200 E Imperial Hwy, El Segundo, Cal	OR8-6226
Ark	Sperry Semiconductor Div	3555 W Peterson Ave, Chicago 45, Ill	KE9-1776
Cal	Sperry Semiconductor Div	2200 E. Imperial Hwy, El Segundo, Cal	OR8-6226
Colo	Sperry Semiconductor Div	3555 W Peterson Ave, Chicago 45, Ill	KE9-1776
Del	Sperry Semiconductor Div	Gaither Rd, Sykesville, Md	
DC	Sperry Semiconductor Div	Gaither Rd, Sykesville, Md	
Fla	Sperry Semiconductor Div	Gaither Rd, Sykesville, Md	
Ga	Sperry Semiconductor Div	Gaither Rd, Sykesville, Md	
Idaho	Sperry Semiconductor Div	2200 E. Imperial Hwy, El Segundo, Cal	OR8-6226
Ill	Sperry Semiconductor Div	3555 W. Peterson Ave, Chicago 45, Ill	KE9-1776
Ind	Sperry Semiconductor Div	3555 W Peterson Ave, Chicago 45, Ill	KE9-1776
Iowa	Sperry Semiconductor Div	3555 W Peterson Ave, Chicago 45, Ill	KE9-1776
Kan	Sperry Semiconductor Div	3555 W Peterson Ave, Chicago 45, Ill	KE9-1776
Ky	Sperry Semiconductor Div	3555 W Peterson Ave, Chicago 45, Ill	KE9-1776
La	Sperry Semiconductor Div	3555 W Peterson Ave, Chicago 45, Ill	KE9-1776
Me	Sperry Semiconductor Div	1159 South St, Tewksbury, Mass	WE3-2420
Md	Sperry Semiconductor Div	Gaither Rd, Sykesville	
Mass	Sperry Semiconductor Div	1159 South St, Tewksbury	WE3-2420
Mich	Sperry Semiconductor Div	3555 W Peterson Ave, Chicago 45, Ill	KE9-1776
Minn	Sperry Semiconductor Div	3555 W. Peterson Ave, Chicago 45, Ill	KE9-1776
Miss	Sperry Semiconductor Div	3555 W Peterson Ave, Chicago 45, Ill	KE9-1776
Mo	Sperry Semiconductor Div	3555 W Peterson Ave, Chicago 45, Ill	KE9-1776
Mont	Sperry Semiconductor Div	2200 E Imperial Hwy, El Segundo, Cal	OR8-6226
Neb	Sperry Semiconductor Div	3555 W Peterson Ave, Chicago 45, Ill	KE9-1776
Nev	Sperry Semiconductor Div	2200 E Imperial Hwy, El Segundo, Cal	OR8-6226
NH	Sperry Semiconductor Div	1159 South St, Tewksbury, Mass	WE3-2420
NJ	Sperry Semiconductor Div	35 Summit Ave, Westwood, NJ	NO4-2950
NM	Sperry Semiconductor Div	2200 E. Imperial Hwy, El Segundo, Cal	OR8-6226
NC	Sperry Semiconductor Div	Gaither Rd, Sykesville, Md	
ND	Sperry Semiconductor Div	3555 W Peterson Ave, Chicago, Ill	KE9-1776
Ohio	Sperry Semiconductor	3555 W. Peterson Ave, Chicago, Ill	KE9-1776
Okla	Sperry Semiconductor	3555 W. Peterson Ave, Chicago, Ill	KE9-1776
Ore	Sperry Semiconductor	2200 E. Imperial Hwy, El Segundo, Cal	OR8-6226
Pa	Sperry Semiconductor Div	Gaither Rd, Sykesville, Md	
RI	Sperry Semiconductor Div	3555 W Peterson Ave, Chicago 45, Ill	KE9-1776
SC	Sperry Semiconductor Div	Gaither Rd, Sykesville, Md	
SD	Sperry Semiconductor Div	3555 W. Peterson Ave, Chicago, Ill	KE9-1776
Tenn	Sperry Semiconductor Div	Gaither Rd, Sykesville, Md	
Tex	Sperry Semiconductor Div	3555 W. Peterson Ave, Chicago, Ill	KE9-1776
Utah	Sperry Semiconductor Div	2200 E. Imperial Hwy, El Segundo, Cal	OR8-6226
Vt	Sperry Semiconductor Div	1159 South St, Tewksbury, Mass	WE3-2420
Va	Sperry Semiconductor Div	Gaither Rd, Sykesville, Md	
Wash	Sperry Semiconductor Div	2200 E. Imperial Hwy, El Segundo, Cal	OR8-6226
W Va	Sperry Semiconductor Div	Gaither Rd, Sykesville, Md	
Wisc	Sperry Semiconductor Div	3555 W. Peterson Ave, Chicago, Ill	KE9-1776
Wyo	Sperry Semiconductor Div	2200 E Imperial Hwy, El Segundo, Cal	OR8-6226
For	Sperry Gyroscope Co.	Great Neck, NY	LR4-1400
	SPERRY UTAH CO., DIV SPERRY RAND CORP	**322 N 21st W, Salt Lake City 16, Utah**	**DA8-8066**
	W Reckert #700 *3200 G 338-365-1395		
	SPHERE CO., INC., THE	**25 Amity St, Little Falls, NJ**	**CL6-2550**
	C Beronio #1 *15 B 905-1545		
Ill	Jerry Golten Co	2750 W. North Ave, Chicago 47, Ill	EV4-5959
Ind	Jerry Golten Co	2750 W. North Ave, Chicago 47, Ill	EV4-5959
	SPILSBURY & TINDALL LTD	**120 E. Cordova St, Vancouver, BC, Can**	**MU4-4131**
	L Potvin 330-1395-1425-1870		
	SPIRLING PRODUCTS CO., INC	**Henrietta St & Dolly Ave, Hicksville, NY**	**WE1-6550**
	M Spirt #1 *26 C 45		
Colo	James H Blum Co	841 Delaware St, Denver	KE4-8131
Mass	Anderson Sales Co	177 State St, Boston	CA7-2980
Mo	Collins Havercamp	5825 N Baltimore, Kansas City	GL3-4497
NH	Anderson Sales Co	177 State St, Boston, Mass	CA7-2980
NJ	Art Curf Co	744 Broad St, Newark	MI3-8118
NY	Jerry Kirshbaum	1633 Peninsula Blvd, Hewlett	FR4-3111
Pa	A J Burke Co	Box 576, Corona, Pittsburgh	FR9-4354
	SPIVEY INC., JAMES S	**4908 Hampden La, Washington 14, DC**	**OL6-8600**
	895		
NJ	Lloyd Dreel	15 Exchange Pl, Jersey City, NJ	HE4-1313
Ohio	A N Grimm	1731 Ruskin Rd, Dayton 6, Ohio	CR7-1496
	SPRAGUE ELECTRIC CO	**125 Marshall St, North Adams, Mass**	**MO3-5311**
	G 220-410-450-470-670-895-1150-1475-1655-1855-1860-1960		
Ala	Sprague Electric Co	224 Leo St, Dayton 4 Ohio	BA3-8167
Ariz	Sprague Electric Co	12870 Panama St, LA 66, Cal	EX8-2791
Ark	Sprague Electric Co	3603 Lemmon Ave, Dallas 19, Tex	LA1-9071
Cal	Sprague Electric Co	12870 Panama St, Los Angeles 66, Cal	UP0-7511
Cal	William J Purdy of California	312 7th St, San Francisco 3, Cal	UN3-3300
Colo	R G Bowen Co., Inc	721 S. Broadway, Denver 9, Colo	RA2-4941
Conn	Sprague Electric Co	50 E. 41st St, NY 17, NY	OR9-1195
Del	Sprague Electric Co	545 Cooper St, Camden 2, NJ	WO5-1776
DC	Sprague Electric Co	724 9th St, N.W., Wash 1, DC	ME8-3791
Fla	Sprague Electric Co	1152 Cleveland St, Clearwater	446-3119
Ga	Sprague Electric Co	1152 Cleveland St, Clearwater	446-3119
Haw	Gen Pacific Factors Inc	2536 Home Rule St, Honolulu	
Idah	Sprague Electric Co	12870 Panama St, Los Angeles 66, Cal	EX8-2791
Ill	Sprague Electric Co	5942 W. Montrose Ave, Chicago 34, Ill	MU5-6400
Ind	Sprague Electric Co	3051 Salem Ave, Dayton 6, Ohio	CR7-0032
Ind	Sprague Electric Co	5942 W. Montrose Ave, Chicago 34, Ill	MU5-6400
Iowa	Sprague Electric Co	3910 Lindell Blvd, St. Louis 8, Mo	JE5-7239
Kan	Sprague Electric Co	3910 Lindell Blvd, St. Louis 8, Mo	JE5-7239
Ky	Sprague Electric Co	928 Burke St, Winston-Salem, NC	722-5151
La	Sprague Electric Co	3603 Lemmon Ave, Dallas 19, Tex	LA1-9971
Me	Sprague Electric Co	313 Washington St, Newton 58, Mass	DE2-2900
Md	Sprague Electric Co	724 9th St, NW Wash 1, DC	ME8-3791
Mass	Sprague Electric Co	313 Washington St, Newton 58, Mass	DE2-2900
Mich	ABM Sales Co	19116 Puritan Ave, Detroit 38, Mich	UN2-1300
Minn	H M Richardson Co	9 E. 22nd St, Minneapolis 4, Minn	FE6-4078
Miss	Sprague Electric Co	1152 Cleveland St, Clearwater, Fla	446-3119
Mo	Sprague Electric Co	3910 Lindell Blvd, St. Louis 8, Mo	JE5-7239
Neb	Sprague Electric Co	3910 Lindell Blvd, St. Louis 8, Mo	JE5-7239
NH	Sprague Electric Co	313 Washington St, Newton 58, Mass	DE2-2900
NJ	Sprague Electric Co	545 Cooper St, Camden 2, NJ	WO5-1775
NJ	Sprague Electric Co	50 E. 41st St, NY 17, NY	OR9-1195
NM	Ronald G Bowen Co, Inc	2224 San Mateo Blvd, NE Albuquerque	AM5-1579
NY	Sprague Electric Co	50 E. 41st St, New York 17, NY	OR9-1195
NC	Sprague Electric Co	928 Burke St, Winston-Salem	722-5151
ND	H M Richardson & Co	9 E. 22nd St, Mpls 4, Minn	FE6-4078
Ohio	Sprague Electric Co	24 N. Main St, Chagrin Falls, Ohio	CH7-6488
Ohio	Sprague Electric Co	3051 Salem Ave, Dayton 6	CR7-0032
Ohio	Sprague Electric Co	224 Leo St, Dayton 4	ZE3-8805
Okla	Sprague Electric Co	3603 Lemmon Ave, Dallas 19, Tex	LA1-9371
Ore	Sprague Electric Co	12870 Panama Ave, Los Angeles 66, Cal	EX8-2791
Pa	Sprague Electric Co	545 Cooper St, Camden 2, NJ	WA5-3066
Pa	Sprague Electric Co	24 N. Main St, Chagrin Falls, Ohio	CH7-6488

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
RI	Sprague Electric Co	313 Washington St, Newton 58, Mass	DE2-2900
SC	Sprague Electric Co	924 Burke St, Winston-Salem, NC	722-5151
SD	H M Richardson & Co	9 E. 22nd St, Mnpls 4, Minn	FE6-4078
Tenn	Sprague Electric Co	224 Leo St, Dayton 4, Ohio	BA3-9187
Tex	Sprague Electric Co	7616 Lemmon Ave, Dallas 19, Tex	LA1-9971
Utah	R G Bowen Co., Inc	463 E. 3rd South, Salt Lake City 11, Utah	EM3-4528
Vt	Sprague Electric Co	313 Washington St, Newton 58, Mass	DE2-2900
Va	Sprague Electric Co	724 9th St, NW Wash 1, DC	ME8-3791
Wash	Sprague Electric Co	12870 Panama Ave, LA 66, Cal	EX8-2791
W Va	Sprague Electric Co	24 N. Main St, Chagrin Falls, Ohio	CH7-6483
Wis	Sprague Electric Co	5942 N. Montrose Ave, Chicago 34, Ill	MU5-6400
Wis	H M Richardson & Co	9 E. 22nd St, Mnpls 4, Minn	FE6-4078
Wyo	Ronald G Bowen Co, Inc	721 S. Broadway, Denver 9, Colo	RA2-4541
For	Sprague Electric Co	N Adams, Mass	MO4-[illegible]

SPRAGUE ENGINEERING CORP ... 19300 S. Vermont Ave, Gardena, Cal ... FA1-1411
250-255-365-895-1340

SPRAGUE OF WISCONSIN INC ... 6th & Beech St, Grafton, Wisc ... DR7-3500
220

SPRUCE PINE MICA CO ... Spruce Pine, NC ... PO5-4241
*64 900-1290-1785-1940

SQUARE D CO. ... 4041 N. Richards, Milwaukee 12, Wisc ... ED2-2000
E Love 360-535-1460-1675-1735-1810
Sales Offices in all principal cities

STACKPOLE CARBON CO ... 201 Stackpole St, St. Marys, Pa ... TE4-1521
C Robison #50 *2500 G 65-160-220-355-380-760-1085-1330-1475-1485-1545-1735-1875

TERR	REPRESENTATIVE	ADDRESS	TEL. NO.
Cal	Eichorn & Melchior	932 Terminal Way, San Carlos, Cal	LY1-7333
Cal	S L Spraggins Co	16042 Ventura Blvd, Encino, Cal	ST8-6661
Cal	Eichorn & Melchior Inc	749 Bryant St, San Francisco 7, Cal	DA2-1038
Conn	Karl Dornish	105 Farmington Ave, Plainsville, Conn	SH7-0633
Ill	C Benson	1197 Harvard Terrace, Evanston, Ill	GR5-5187
Ill	Allen Woods	3401 Broadway, Chicago, Ill	BU1-4200
Ind	L E Senter	P.O. Box 846, Bloomington, Ind	ED6-6034
Iowa	H M Richardson Co	9 E. 22nd St, Minneapolis 4, Minn	FE6-4078
Md	Technical Representation	220 S. Easton Rd, Glenside, Pa	TU7-1325
Mass	S Hooker	2 Winchester Pl, Winchester	PA9-2745
Mich	J E Vollmer Jr	6610 Pinefield, Dearborn, Mich	CR8-3445
Minn	H M Richardson	9 E. 22nd St, Minneapolis 4, Minn	FE6-4078
Mo	M N Herbst	1406 Ronald Dr, Webster Grove 19, Mo	WO1-9949
NJ	Technical Representation	220 S. Easton Rd, Glenside, Pa	TU7-1325
NY	Joseph Spang Associates	254 W. 31st St, New York 1, NY	LO5-1820
NY	R W Mitscher Co	487 Ellicott Square Bldg, Buffalo, NY	WA2517
NC	Murphy & Cota	1106 Burke St, Winston-Salem	PA4-0750
Ohio	W C Lang	3253 Lambert Pl, Cincinnati, Ohio	EA1-1435
Ohio	C A Hammer	694 Marvin St, St Marys, Pa	TE4-1437
Ore	B C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Pa	Brown-Friederick & Assoc, Inc	P O Box 235, Glenside	TU7-1325
Pa	C Hammer	694 Marvin St, St Marys, Pa	TE4-1437
Tex	E F Aymond Co	P.O. Box 6595, Dallas, Tex	LA6-5233
Wash	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Foreign	Ad Auriema Suc	85 Broad St, New York 4, NY	BA9-7750

• **STAFFORD MFG CO., INC** ... 145 E 50th St, Brooklyn 20, NY ... NY2-6000
G Moss #3 *125 D 45-135-140-180-230-280-435-785-790-865-890-960-965-1075-1090-1095-1120-1125-1190-1390-1530-1700

STAINLESS INC ... Third St, North Wales, Pa ... OX9-4871
45-1135-1835

STALWART RUBBER CO ... 160 Northfield Rd, Bedford, Ohio ... BE2-1500
A Mac Alonan #4 *250 E 190-750-770-1505-1545

TERR	REPRESENTATIVE	ADDRESS	TEL. NO.
Ala	Knapp Sales Inc	3252 Peachtree Rd, N.E., Atlanta 5, Ga	CE7-5231
Ark	E R Staley & Co	3903 Olive St, St. Louis 8, Mo	JE5-3155
Colo	E R Staley & Co	3903 Olive St, St. Louis 8, Mo	JE5-3155
Conn	Kirk Rubber & Plastics Inc	43 Clinton St, Malden 48, Mass	DA4-7150
Del	Charles E Sweeney	P.O. Box 77, Haddonfield, NJ	HA9-7018
DC	Charles E Sweeney	P.O. Box 77, Haddonfield, NJ	HA9-7018
Fla	Knapp Sales Inc	3252 Peachtree Rd, N.E., Atlanta 5, Ga	CE7-5231
Ga	Knapp Sales Inc	3252 Peachtree Rd, N.E., Atlanta 5, Ga	CE7-5231
Ill	Stalwart Rubber Co	7001 N. Clark St, Chicago 26, Ill	BR4-0115
Ind	Stiles & Lawrence	7001 N. Clark St, Chicago 26, Ill	BR4-0115
Ind	T V Thole	P.O. Box 62, Cincinnati 39, Ohio	JA1-2475
Ind	J H Windrow	160 Northfield Rd, Bedford, Ohio	BE2-1500
Iowa	E R Staley & Co	3903 Olive St, St. Louis 8, Mo	JE5-3155
Kan	E R Staley & Co	3903 Olive St, St. Louis 8, Mo	JE5-3155
Ky	J H Windrow	160 Northfield Rd, Bedford, Ohio	BE2-1500
La	Knapp Sales Inc	3252 Peachtree Rd, N.E., Atlanta 5, Ga	CE7-5231
Me	Kirk Rubber & Plastics Inc	43 Clinton St, Malden 48, Mass	DA4-7150
Md	Charles E Sweeney	P.O. Box 77, Haddonfield, NJ	HA9-7018
Mass	Kirk Rubber & Plastics Inc	43 Clinton St, Malden 48, Mass	DA4-7150
Mich	Robert E Thomas	804 Fox Bldg, Detroit 1, Mich	WO3-[illegible]
Minn	Leonard F Berg	3230 E. Hennepin Ave, Minneapolis 13	FE9-8561
Miss	Knapp Sales Inc	3252 Peachtree Rd, N.E., Atlanta 5, Ga	CE7-5231
Mo	E R Staley & Co	3903 Olive St, St. Louis 8, Mo	JE5-3155
Neb	E R Staley & Co	3903 Olive St, St. Louis 8, Mo	JE5-3155
NH	Kirk Rubber & Plastics Inc	43 Clinton St, Malden 48, Mass	DA4-7150
NJ	George S Morris	507 5th Ave, New York 17, NY	MU7-7335
NJ	Charles E Sweeney	P.O. Box 77, Haddonfield, NJ	HA9-7018
NY	George S Morris	507 5th Ave, New York 17, NY	MU7-7335
NY	J H Windrow	160 Northfield Rd, Bedford, Ohio	BE2-1500
NC	Knapp Sales Inc	3252 Peachtree Rd, N.E., Atlanta 5, Ga	CE7-5231
Ohio	J H Windrow	160 Northfield Rd, Bedford, Ohio	BE2-1500
Okla	E R Staley & Co	3903 Olive St, St. Louis 8, Mo	JE5-3155
Pa	J H Windrow	160 Northfield Rd, Bedford, Ohio	BE2-1500
Pa	Charles E Sweeney	P.O. Box 77, Haddonfield, NJ	HA9-7018
RI	Kirk Rubber & Plastics Inc	43 Clinton St, Malden 48, Mass	DA4-7150
SC	Knapp Sales Inc	3252 Peachtree Rd, Atlanta 5, Ga	CE7-5231
Tenn	Knapp Sales Inc	3252 Peachtree Rd, Atlanta 5, Ga	CE7-5231
Tex	Engineered Products Industries	4017 Maple Ave, Dallas 19, Tex	LA8-7422
Vt	Kirk Rubber & Plastics Inc	43 Clinton St, Malden 48, Mass	DA4-7150
Va	Charles E Sweeney	P.O. Box 77, Haddonfield, NJ	HA9-7018
Wash	Bruno Perutz	114 Garfield, Seattle 9, Wash	AT4-1363
W. Va	J H Windrow	160 Northfield Rd, Bedford, Ohio	BE2-1500
Wisc	Stiles & K Lawrence	7001 N. Clark St, Chicago 26, Ill	BR4-0115
Wisc	Leonard F Berg	3230 E. Hennepin, Minneapolis 13, Minn	FE9-8561

STANCIL-HOFFMAN CORP ... 845 N Highland Ave. Hollywood 38 Cal ... HO4-7461
W Stancil #10 *45 D 690-810-895-1430-1435

• **STANCOR ELECTRONICS INC** ... 3501 W. Addison St, Chicago 18, Ill ... IN3-7400
J Hall #50 *2500 G 320-670-1455-1855-1955

TERR	REPRESENTATIVE	ADDRESS	TEL. NO.
Ariz	W Bert Knight Co	P O Box 11394, Phoenix	YE7-2060
Cal	W Bert Knight Co	10377 W. Pico Blvd, Los Angeles 64, Cal	BR2-[illegible]
Cal	Moulthrop & Hunter	155 11th St, San Francisco 3, Cal	UN3-[illegible]
Colo	Ronald G Bowen Co	721 S. Broadway, Denver 9, Colo	RA2-4641-2
DC	S K MacDonald Inc	14th & Park Rd, N.W., Wash. 10, DC	CO5-3938
Fla	Hollingsworth & Still	2770 NE 53rd St, Pompano Beach	WI1-4000
Fla	Hollingsworth & Still	1211 Oaks Blvd, Winter Park	MI7-4150
Ga	Hollingsworth & Still	508 Whitehead Bldg, Atlanta 3, Ga	MU8-5878
Haw	Don H Burcham Co	P O Box 2845, Honolulu 3	269-781
Ill	George Petitt, Inc	349 N. Ashland, River Forest, Ill	CO1-0342
La	Cartwright & Bean	821 [illegible], New Orleans, La	AU2264
Md	S K MacDonald Inc	[illegible], Baltimore 14, Md	ID5-1760
Mass	Michael Scott Co	336 Washington St, Wellesley Hills 81	CE5-0102
Mich	R C Merchant & Co., Inc	18411 W. McNichols Rd, Detroit	KE5-[illegible]
Minn	Nick J Laub Co	3749 W. Broadway, Minneapolis 2, Minn	JU8-4663
Mo	W E Fry & Co	406 W. 34th St, Kansas City 11, Mo	JE1-5236
Mo	W E Fry & Co	6616 W. Florissant Ave, St. Louis 20, Mo	EV2-3500
NM	R G Bowen	2228-A San Mateo Blvd. NE, Albuquerque	AM5-1579
NY	R W Mitscher	487 Ellicott Sq Bldg. Buffalo 3	TL4-2517
NY	F Edwin Schmitt Co	136 Liberty St, New York 6, NY	WO2-6550
NC	Hollingsworth & Still	4937 Gilmore Dr, Charlotte 9, NC	JA3-2966
Ohio	William McFadden	150 E. Broad St, Columbus 15, Ohio	CA1-3363
Okla	R E Nesbitt Co	1324 E 17th Pl. Tulsa 20	LU5-1234
Ore	Don H Burcham Co	P O Box 4098, Portland 8	CA6-4148
Pa	S K Macdonald, Inc	335 5th Ave. Pittsburgh 22	AT1-2253
Pa	S K MacDonald Inc	1531 Spruce St, Philadelphia 2, Pa	KI5-1205
Tenn	Cartwright & Bean	560 S. Cooper St, Memphis 4, Tenn	BR4-4442
Tex	R E Nesbitt Co	1925 Cedar Springs, Dallas 1	RI7-5624
Tex	R E Nesbitt Co	4810 Hazard, Houston 6	JA8-3811
Utah	R G Bowen Co	453 E 3rd S, Salt Lake City 11	EM3-4528
Wash	Don H Burcham Co	2517 Second Ave. Seattle 1	MA2-5512
Wis	George Petitt Co	1105 Forest Ln. Brookfield	SU2-6026
For	Roburn Agencies, Inc	New York 13, NY	WO6-2130

• **STANDARD CABINET CO., INC** ... 57 Washington Ave, Carlstadt, NJ ... GE8-1500
E Brown #5 *30 D 250-370-825-1215

TERR	REPRESENTATIVE	ADDRESS	TEL. NO.
Foreign	Concor International Corp	P.O. Box 1884, New Haven 8, Conn	FU9-1511

STANDARD CONDENSER CORP ... 3749 N. Clark St, Chicago 13, Ill ... EA7-5440
R McLean #3 *25 C 220

TERR	REPRESENTATIVE	ADDRESS	TEL. NO.
Ariz	J W Marsh Co	4216 W Jefferson Blvd, L A, Cal	RE2-0145
Cal	J W Marsh Co	4216 W Jefferson Blvd, L A	RE2-0145
Cal	J W Marsh Co	1485 Bayshore Blvd, San Francisco	JU7-4270
Iowa	R R Burton & Co	6737 Holmes St, Kansas City, Mo	JA3-0227
Kan	R R Burton & Co	6737 Holmes St, Kansas City, Mo	JA3-0227
Mo	R R Burton & Co	6737 Holmes St, Kansas City	JA3-0227
Neb	R R Burton & Co	6737 Holmes St, Kansas City, Mo	JA3-0227
Nev	J W Marsh Co	1485 Bayshore Blvd, San Francisco, Cal	JU7-4270
Can	Prime Electronic Components Ltd	868 Dundas Hwy E, Dixie, Ont	CR4-3324
Can	Prime Electronic Components Ltd	Box 190, Port Credit, Ont	CR4-3324

STANDARD CONTROLS INC ... 1130 Poplar Pl, Seattle, Wash ... EA4-8888
S Brett #5 *35 D 695-1850

TERR	REPRESENTATIVE	ADDRESS	TEL. NO.
Alaska	Sentronics Inc	1817 Norman St, Seattle 44, Wash	EA3-8545
Ariz	Systems Instr. Sales Co	340 31st St. Hermosa Beach, Cal	FR9-8251
Cal	Systems Instr. Sales Co	340 31st St. Hermosa Beach	FR9-8251
Cal	Egbert Eng. of California	499 Hamilton Ave. Palo Alto	DA6-1387
Colo	Thorson Co	3600 Lincoln St. Englewood	SU9-1841
Conn	John J Goode Associates	P.O. Box 176, Wellesley Hill 81, Mass	CE5-0552
Hawaii	Sentronics Inc	1817 Norman St, Seattle 44, Wash	EA3-8545
Idaho	Sentronics Inc	P.O. Box 2126, Idaho Falls, Idaho	JA2-7992
Ill	Engineering Services Co	6635 Delmar Blvd, St. Louis, Mo	VO3-3660
Iowa	Engineering Services Co	6635 Delmar Blvd, St. Louis, Mo	VO3-3660
Kan	Eng. Services Co	8325 E. Indianapolis, Wichita	MR3-3751
La	Ammon & Champion Assoc	2714 Bomar St. Dallas, Tex	FL7-3939
Me	John J Goode Associates	P.O. Box 176, Wellesley Hill 81, Mass	CE5-0552
Mass	John J Goode Associates	P.O. Box 176, Wellesley Hill 81, Mass	CE5-0552
Minn	Pat Lind Electronic Co	9781 Western Ave, Circle Pines, Minn	SU4-3827
Mo	Engineering Services Co	6635 Delmar Blvd, St. Louis, Mo	VO3-3660
Mont	Sentronics Inc	P.O. Box 2126, Idaho Falls, Idaho	JA2-7992
Neb	Engineering Services Co	6635 Delmar Blvd, St. Louis, Mo	VO3-3660
Nev	Egbert Eng. of California	499 Hamilton Ave, Palo Alto, Cal	DA6-1387
NH	John J Goode Associates	P.O. Box 176, Wellesley Hill 81, Mass	CE5-0552
NM	Systems Instr. Sales Co	341 31st St, Hermosa Beach, Cal	FR9-8251
ND	Pat Lind Electronics Co	9781 Western Ave, Circle Pines, Minn	SU4-3827
Ore	Sentronics Inc	1817 Norman St, Seattle 44, Wash	EA3-8545
SD	Pat Lind Electronics Co	9781 Western Ave, Circle Pines, Minn	SU4-3827
Tex	Ammon & Champion Assoc	2714 Bomar St. Dallas	FL7-3939
Utah	Sentronics Inc	P.O. Box 2126, Idaho Falls, Idaho	JA2-7992
Vt	John J Goode Associates	P.O. Box 176, Wellesley Hill 81, Mass	CE5-0552
Wash	Sentronics Inc	1817 Norman St, Seattle 44, Wash	EA3-8545
Wisc	Pat Lind Electronics Co	9781 Western Ave, Circle Pines, Minn	SU4-3827
Wyo	Sentronics Inc	P.O. Box 2126, Idaho Falls, Idaho	JA2-7992

• **STANDARD ELECTRIC TIME CO** ... 89 Logan St, Springfield, Mass ... RE2-1142
D Locke #20 *400 F 40-895-920-925-1245-1315-1325-1810

TERR	REPRESENTATIVE	ADDRESS	TEL. NO.
Ala	Standard Electric Time Co	628 37th St. S, Birmingham	FA4-5331
Ariz	Electrical Engineering & Sales Corp	106 E. Pierce, Phoenix, Ariz	AL3-0927
Cal	Standard Electric Time Co	16 Beale St, San Francisco, Cal	SU1-5980
Cal	Standard Electric Time Co	5405 Shiela St, Los Angeles, Cal	RA3-6409
Cal	Standard Electric Time Co	1721 E. Harvey St, Fresno, Cal	AM-1041
Cal	Standard Electric Time Co	1817 Silica Ave, Sacramento, Cal	WA2-2273
Colo	Automatic Control & Equipment Co	5750 Pecos St, Denver, Colo	GE3-6436
Conn	Peter Humphry	Kenwood Rd, Vernon, Conn	TR5-9728
DC	Standard Electric Time Co	1507 M St, N.W., Wash, DC	HO2-[illegible]
Fla	E D Grudde Associates Inc	P.O. Box 2406, W Bay Sta, Jacksonville	EL6-0253
Fla	E D Grudde Associates Inc	3150 N.W. 7 St, Miami, Fla	NE4-8571
Fla	E D Grudde Associates Inc	2500 W. Hillsborough Ave, Tampa, Fla	RE6-1071
Ga	Hatcher Sales Co	542 Forrest Rd, N.E., Atlanta, Ga	TR5-9256
Ill	Standard Electric Time Co	5216 W. Diversey Ave, Chicago, Ill	PE[illegible]
Ind	Standard Electric Time Co	[illegible] E. 46th, Indianapolis, Ind	CL3-2424
Iowa	Standard Electric Time Co	1011 Locust St, Des Moines, Iowa	AT8-9910
La	Standard Electric Time Co	3901 Clematis Ave, New Orleans, La	WH-7007
Md	Standard Electric Time Co	313 Professional Arts Bldg, Hagerstown	RE3-2151
Mass	Standard Electric Time Co	297 Broadway, Arlington 74, Mass	MI8-2900
Mich	Standard Electric Time Co	8440 W. Nine Mile Rd, Oak Park, Mich	LI7-3255
Minn	Standard Electric Time Co	6106 Excelsior Ave, Minneapolis	WE9-8103
Mo	Standard Electric Time Co	1103 E. 81 St, Kansas City, Mo	DE3-5497
Mo	Standard Electric Time Co	6414A S. Hampton Ave, St. Louis, Mo	PL2-8000
NJ	Standard Electric Time Co	94 Valley Rd, Montclair, NJ	PI6-7012
NY	Standard Electric Time Co	Swatling Bldg, Latham, NY	ST5-6050
NY	Standard Electric Time Co	3411 Delaware Ave, Buffalo, NY	RI6470
NY	Standard Electric Time Co	50 Church St, New York, NY	CO7-2770
NY	Standard Electric Time Co	2160 James St, Syracuse, NY	HO3-[illegible]
Ohio	Standard Electric Time Co	2100 E. 102 St, Cleveland, Ohio	RA1-8620
Ohio	Standard Electric Time Co	79 E. State St, Columbus, Ohio	CA1-2864
Okla	Standard Electric Time Co	1221 Linwood, Oklahoma City, Okla	CE5-7452
Ore	Standard Electric Time Co	4715 S.W. Macadam Ave, Portland, Ore	CA3-9668
Pa	National Emergency Light Co	Bessemer Bldg, Pittsburgh, Pa	AT1-6638
Pa	Standard Electric Time Co	1461 Schoenersville Rd, Allentown, Pa	HE7-4074
Pa	Standard Electric Co	1 Wynnewood Rd, Wynnewood, Pa	MI2-5125
Tenn	Standard Electric Time Co	774 Adams Ave, Memphis, Tenn	JA5-[illegible]
Tex	Standard Electric Time Co	2618 Manana Dr, Dallas, Tex	FL7-4643
Tex	Electrical Eng & Sales Corp	2030 Texas St, El Paso, Tex	KE3-6130
Utah	Standard Electric Time Co	2500 Caroline St, Houston, Tex	CA8-2551
Utah	Electro Time & Control Co	243 E. 3 South, Salt Lake City, Utah	EM3-0405
Va	Standard Electric Time Co	8544 Patterson Ave, Richmond, Va	AT8-6028
Wash	Standard Electric Time Co	654 Northlake Ave, Seattle, Wash	ME3-1200
Wisc	Standard Electric Time Co	7613 W. State St, Milwaukee, Wisc	GR6-1766
For	Standard Electric Time Co., The	25 Westchester Sq. New York 61, NY	TA4-0700

STANDARD ELECTRICAL MFG CO ... Haddon Ave, West Berlin, NJ ... RO7-0207
H Cohen *10 A 105

TERR	REPRESENTATIVE	ADDRESS	TEL. NO.
Pa	Leonard Wolkoff	11 Misty Pine Rd. Levittown	
Tex	Asa E Hunt	1710 Jackson St. Dallas 1	

STANDARD ELECTRICAL PRODUCTS CO ... 2240 E Third St, Dayton 3, Ohio ... CL3-1191
C Miller #10 *400 E 1455-1735-1855

TERR	REPRESENTATIVE	ADDRESS	TEL. NO.
Ala	Murphy & Cota	1024 N Memorial Pkwy, Huntsville	
Cal	Earl S Condon Co	3460 Wilshire Blvd, L A 5	DU1-3951
Colo	Allen I Williams Co	2263 S Albion St, Denver 22	SK6-9403
Conn	Abbott & Hustis	1245 Highland Ave, Needham 92, Mass	HI4-5470
Fla	Murphy & Cota	2319 E South St, Orlando	GA4-2167
Ga	Murphy & Cota	2110 Peachtree Rd NW, Atlanta	TR6-3020
Ill	Saffro & Assoc	5209 N Kimball Ave, Chicago 25	JU8-0905
Ind	Robert O Whitesell, Assoc	Central Bldg, Ft Wayne	
Ky	Robert O Whitesell, Assoc	400 N 35th St, Louisville	
Md	Massey Associates	6607 Riverdale Rd, Riverdale	
Mass	Abbott & Hustis	1245 Highland Ave, Needham 92	HI4-5470
Mich	Hilltronics Co	15425 Schaefer Hwy, Detroit 27	VE8-3460
Minn	General Electronic Controls, Inc	8001 Bloomington Freeway, Mpls	TU8-5511
Mo	L F Florence Co	406 W 34th St, Kansas City	LO1-7282
NJ	Laux-Noel Assoc	322 Springfield Ave, Summit	SU6-8356
NM	Allen I Williams Co	3221 Silver Ave SE, Albuquerque	AL5-9832
NY	Levison Sales Co	17215 Hillside Ave, Jamaica 32	AX1-5610
NC	Murphy & Cota	221 Latta Arcade, Charlotte 2	FR5-2317
Ohio	Robert O Whitesell, Assoc	2600 Far Hills Ave, Dayton	AX8-4261
Pa	Massey Associates	529 Brookhurst Ave, Narberth	MO4-4200
Tex	Macrae Smith Co	6234 Prestor St, Dallas	FL1-1615
Wash	Fred H Haight	3212 Eastlake Ave, Seattle 2	EA2-1818
For	Rocke International Corp	13 E 40th St, New York 13, NY	

STANDARD ELECTROMAGNETICS DIV CORNELL DUBILIER ELECTRIC CORP
Walkersville, Md ... VI5-2921
1460

STANDARD ELECTRONICS CO. ... 1611 W. 63 St, Chicago 36, Ill ... PR8-4222
C Scheirman #4 *35 C 670

TERR	REPRESENTATIVE	ADDRESS	TEL. NO.
Cal	Warren Crane Assoc	15419 Keswick St. Van Nuys	ST0-7972
NJ	A D Associates	297 Greenbrook Rd, N. Plainfield, NJ	PL5-6766
NY	A D Associates	191 Fulton St, Valley Stream, NY	VA5-8955
Ohio	Monatron	21055 Lorain Rd. Cleve 25	

STANDARD ELECTRONICS DIV REEVES INSTRUMENT CORP ... Lakewood Rd, Farmingdale, NJ ... WE8-6671
J Hall #6 *80 320-325-338-380-895-1045-1075-1420-1455-1855-1870

TERR	REPRESENTATIVE	ADDRESS	TEL. NO.
Alaska	Visual Electronics	356 W. 40th St, New York 18, NY	PE6-8540
Ariz	Reed Haythorne	3232 E. 1st St, Tucson, Ariz	EA7-6069
Ark	Dick Bellew	314 Melrose, El Dorado	
Cal	Dwight Harkins	4444 E Washington, Phoenix, Ariz	
Cal	Robert Myers	7270 Beverly Blvd, L A	
Cal	Reed Haythorne	3232 E. 1st St, Tucson, Ariz	EA7-6069
Colo	Reed Haythorne	3232 E. 1st St, Tucson, Ariz	EA7-6069
DC	Harold H Robinson	1025 Connecticut Ave NW, Wash	
Haw	D Harkins	4444 E Washington, Phoenix, Ariz	
Haw	R Meyers	7270 Beverly Blvd, L A, Cal	
Idaho	H Duncan Peckham	288 Creekside Dr, Palo Alto, Cal	
Idaho	James T Heaton Co	Redwood City, Cal	
Idaho	Reed Haythorne	3232 E. 1st St, Tucson, Ariz	EA7-6069
Iowa	John Hindworth	10 W 25th St. Minneapolis, Minn	
Minn	John Hindworth	10 W 25th St, Minneapolis	
Mont	Reed Haythorne	3232 E. 1st St, Tucson, Ariz	EA7-6069

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Nev	[illegible]	[illegible] E. 1st St, Tucson, Ariz	EA7-[illegible]
NM	[illegible] Haythorne	[illegible] E. 1st St, Tucson, Ariz	EA7-6069
Okla	[illegible]	[illegible] E. 1st St, Tucson, Ariz	EA7-[illegible]
Ore	[illegible]	[illegible] E. 1st St, Tucson, Ariz	EA7-[illegible]
SC	[illegible]	[illegible]	ST5-3448
Tex	[illegible]	[illegible] E. 1st St, Tucson, Ariz	EA7-6069
Tex	[illegible]	P O Box [illegible], Dallas	
Utah	[illegible]	[illegible] E. 1st St, Tucson, Ariz	EA7-[illegible]
Wash	[illegible]	[illegible] E. 1st St, Tucson, Ariz	EA7-[illegible]
Wyo	[illegible]	[illegible] E. 1st St, Tucson, Ariz	EA7-[illegible]
Canada	[illegible]	[illegible], Montreal, Canada	WE7-[illegible]
Foreign	[illegible]	485 [illegible] Ave, New York, NY	PL1-2345

STANDARD FELT CO DIV
VICTOREEN INSTRUMENT CO ... 29 S. Palm Ave, Alhambra, Cal ... AT2-5106
H Bergland #2 *200 E 625-660

TERR			TEL. NO.
Cal	Standard Felt Co	29 S. Palm Ave, Alhambra, Cal	AT2-5106
Ill	Standard Felt Co	[illegible], Chicago 7, Ill	FR2-3651
Mo	[illegible]	P.O. Box [illegible], St. Louis 22, Mo	YO[illegible]-4629
NY	Standard Felt Co	[illegible], New York [illegible], NY	GR5-[illegible]
Ore	[illegible]	[illegible], Portland 4, Ore	CA8-4117
Tex	[illegible]	[illegible] Bldg, Dallas, Tex	RI7-1269
Wash	[illegible]	[illegible] Ave, Seattle 1, Wash	MA2-4448

STANDARD GLOVE CO OF NJ INC ... 109 Frelinghuysen Ave, Newark 8, NJ ... BI8-6675
C deJonge *35 C 305

TERR			TEL. NO.
NY	[illegible]	[illegible] Kenmore Ave, Buffalo 23	TR7-4932
NY	[illegible]	[illegible] Broadway, NY 12	OR3-3677

STANDARD INSERT CO ... 12272 Montague St, Pacoima, Cal ... EM6-9529
L Yoboley #2 *26 B 645-790

TERR			TEL. NO.
Cal	[illegible]	1710 N. [illegible] St, S. Elmonte, Cal	CU3-7601
Cal	Advance Carton & Electric	2505 Mariposa, S F	HE1-4034
DC	Manufacturers Sales Co	PO Box 147, Greensboro, NC	BR4-1401
Fla	Manufacturers Sales Co	PO Box 147, Greensboro, NC	BR4-1401
Ga	Manufacturers Sales Co	PO Box 147, Greensboro, NC	BR4-1401
Me	[illegible]	P.O. Box 724, Abington, Mass	TR8-0238
Mass	[illegible]	P.O. Box 724, Abington, Mass	TR8-0238
Minn	[illegible]	3435 E. 25th St, Minneapolis, Minn	PA2-9322
NH	[illegible]	P.O. Box 724, Abington, Mass	TR8-0238
NY	[illegible]	PO Box 623, Lynbrook	
NC	Manufacturers Sales Co	PO Box 147, Greensboro	BR4-1401
ND	[illegible]	3435 E. 25th St, Minneapolis, Minn	PA2-9322
Okla	[illegible]	PO Box 35824, Dallas, Tex	FL2-7698
SC	Manufacturers Sales Co	PO Box 147, Greensboro, NC	BR4-1401
SD	[illegible]	3435 E. 25th St, Minneapolis, Minn	PA2-9322
Tenn	Manufacturers Sales Co	PO Box 147, Greensboro, NC	BR4-1401
Tex	[illegible]	PO Box 35824, Dallas	FL2-7698
Vt	[illegible]	P.O. Box 724, Abington, Mass	TR8-0238
Va	Manufacturers Sales Co	PO Box 147, Greensboro, NC	BR4-1401

STANDARD KOLLSMAN INDUSTRIES INC
2085 N Hawthorne Ave, Melrose Pk, Ill ... FI4-5680
A Fodor #30 *7500 G 1095

TERR			TEL. NO.
Cal	R S Lewis	2000 N [illegible] St, Los Angeles 32	
NJ	[illegible]	[illegible] Springfield Ave, Summit	
NJ	C E C[illegible]	26 Journal Sq, Jersey City 6	
Pa	E F [illegible]	[illegible] Lancaster Ave, Devon	
Can	[illegible]	[illegible] Drummond St, Montreal, Ont	

STANDARD LOCKNUT & LOCKWASHER INC ... 2250 Valley Ave, Indianapolis 18, Ind ... ME2-9505
T Donahoe #2 *50 D 1120-1205-1290

STANDARD METALS CORP ... Broad & Whiting St, N. Attleboro, Mass ... MY5-9395
1120-1125-1135-1485-1885-1960

TERR			TEL. NO.
Conn	[illegible]	P.O. Box [illegible], Norwalk, Conn	VI7-2750
NY	[illegible]	P.O. Box [illegible], Norwalk, Conn	VI7-2750
Pa	Russel T Brooks	1617 Pennsylvania Blvd, Philadelphia 3	RI6-6784

STANDARD PLASTICS INC ... Fogelsville, Pa ... AT5-4811
#4 *75 1220-1290

STANDARD PRESSED STEEL CO ... Box 775, Jenkintown, Pa ... TU4-7300
125-180-220-1120-1205-1280-1535

STANDARD RECORD MFG CO ... 70 N.San Gabriel Blvd, Pasadena, Cal ... MU1-0537
C Rethes #1 *16 B 1120-1685

STANDARD RECTIFIER CORP ... 620 E. Dyer Rd, Santa Ana, Cal ... KI5-8241
T Phillips #5 *45 C 1445

TERR			TEL. NO.
Ala	A Corbett & Assoc	2411 Covina Way S. St. Petersburg, Fla	
Alas	D M Lee Co	3527 NE Union St, Portland 12, Ore	AT8-5796
Ariz	Pacific [illegible]	1455 Deer Hill Ct. La Jolla, Cal	GL9-1618
Ark	Athens Sales Co	516 Central Expwy, Dallas, Tex	RI2-4450
Cal	[illegible]	150 [illegible] St, San Francisco	HE1-0692
Cal	Pacific [illegible]	1455 Deer Hill Ct. La Jolla	GL9-1618
Colo	McLoud & Raymond Co	Box 22044, Denver	SK6-1589
Del	Brown-Frederick & Assoc	Box 235, Glenside, Pa	TU7-1325
DC	Brown-Frederick & Assoc	Box 235, Glenside, Pa	TU7-1325
Fla	A Corbett & Assoc	2411 Covina Way S. St. Petersburg	
Ga	A Corbett & Assoc	2411 Covina Way S. St. Petersburg, Fla	
Haw	[illegible]	150 [illegible] St, SF 3, Cal	HE1-0692
Idaho	D M Lee Co	3527 NE Union, Portland 12, Ore	AT8-5796
Idaho	McLoud & Raymond Co	Box FG-146, Salt Lake City, Utah	SP4-277
Ill	Carlson Electronic Sales	6677 NW Hwy, Chicago 31	SP4-0277
Ill	Eng. Services Co	4550 Main St. KC 11, Mo	JE1-7765
Iowa	Eng. Services Co	1305 Oakland Gardens, Cedar Rapids	EM5-1683
Kan	Eng. Services Co	247 S. Pinecrest, Wichita	MU3-3751
La	Athens Sales Co	516 Central Expwy, Dallas, Tex	RI2-4450

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Md	Brown-Frederick & Assoc	Box 235, Glenside, Pa	TU7-1325
Mich	Burche & Cowan Co	22128 Grand River Ave. Detroit 19	KE3-7700
Minn	S Clothier Co	12 W. 58th St. Mpls	TA5-1234
Miss	A Corbett & Assoc	2411 Covina Way S. St. Petersburg, Fla	
Mo	Eng. Services Co	4550 Main St. KC 11	JE1-7765
Mont	D M Lee Co	3527 NE Union, Portland 12, Ore	AT8-5796
Mont	McLoud & Raymond Co	Box FG-146, Salt Lake City, Utah	
Neb	Eng. Services Co	4550 Main St. KC 11, Mo	JE1-7765
Neb	McLoud & Raymond Co	Box 22044, Denver 22, Colo	SK6-1589
Nev	Logan Sales Corp	150 [illegible] St. SF 3, Cal	HE1-0692
NJ	D R Bittan Co	104 S. Central Ave. Valley Stream, NY	LO1-2444
NJ	Brown-Frederick & Assoc	Box 235, Glenside, Pa	TU7-1325
NM	McLoud & Raymond Co	Box 22044, Denver, Colo	SK6-1589
NY	D R Bittan Co	104 S. Central Ave. Valley Stream	LO1-2444
NY	Midstate Research Sales	327 Wellesley Rd, Syracuse 7	GR8-8314
NC	A Corbett & Assoc	2411 Covina Way S. St. Petersburg, Fla	
ND	S Clothier Co	12 W. 58th St. Mpls, Minn	TA5-1234
Ohio	Kilroy & Whelan Corp	2001 Far Hills Ave. Dayton	29-32003
Ohio	Kilroy & Whelan Corp	Box 365, Chagrin Falls	CH7-4032
Okla	Athens Sales Co	516 Central Expwy, Dallas, Tex	RI2-4450
Ore	D M Lee Co	3527 NE Union, Portland	AT8-5796
Pa	Brown-Frederick & Assoc	Box 235, Glenside	TU7-1235
Pa	Kilroy & Whelan Corp	Box 365, Chagrin Falls	CH7-4032
SC	Alex Corbett & Assoc	2411 Covina Way S. St. Petersburg, Fla	
SD	Stan Clothier Co	12 W. 58th St. Mpls, Minn	TA5-1234
Tenn	Alex Corbett & Assoc	2411 Covina Way S. St. Petersburg, Fla	
Tex	Athens Sales Co	516 Central Expwy, Dallas	RI2-4450
Utah	McLoud & Raymond Co	Box FG-146 Salt Lake City	
Va	Brown-Frederick & Assoc	Box 235, Glenside, Pa	TU7-1235
Wash	Dave M Lee Co	3527 NE Union, Portland 12, Ore	AT8-5796
W Va	Kilroy & Whelan Corp	Box 365, Chagrin Falls, Ohio	CH7-4032
Wis	Stan Clothier Co	12 W. 58th St. Mpls, Minn	TA5-1234
Wis	Carlson Electronics Sales	6677 NW. Hwy, Chicago 31, Ill	SP4-0277
Wyo	McLoud & Raymond Co	Box FG-146, Salt Lake City, Utah	
Can	Burke Sales Ltd	45 [illegible], Toronto, Ont	PL5-3377
For	Roche International Corp	13 E. 40th St. NY 16, NY	MU9-0200

STANDARD SCREW CO ... 2701 Washington Blvd, Bellwood, Ill ... LI4-3500
C Farmer #25 *2500 G 125-1120-1205-1535

STANDARD TEL. & CABLES LTD ... 29 Glasshouse Yd, London EC 1, Eng ... CL4-511
35-45-50-190-220-235-320-325-330-328-340-360-375-380-415-500-670-775-805-820-885-895-910-1130-1135-1235-1315-1340-1370-1395-1425-1445-1460-1475-1545-1705-1735-1765-1790-1825-1830-1845-1855-1860-1870-1880-1910-1960

STANDARD-TOCH CHEMICALS INC ... 2600 Richmond Terr, Staten Island 3, NY ... GI2-5300
H Boeklen F 315-890-1240-1930

TERR			TEL. NO.
Ill	Standard-Toch Chemicals Inc	2600 Federal St, Chicago 16, Ill	VI2-7860
NY	George C Borthig Co Inc	2600 Richmond Terrace, Staten Island 3	GI2-5300

STANDARD TOOL & MFG CO ... Arlington, NJ
1075

• **STANDARD WINDING CO INC** ... 44-62 Johnes St, Newburgh, NY ... JO1-1541
A West #2 *125 E 45-320-880-895

TERR			TEL. NO.
Mass	[illegible] Inc	39 Highland Ave, Somerville	PR6-2[illegible]
NY	Perry Sattler Associates	157 West 57th St, NY	CI7-[illegible]
Pa	Charles R Hile Co, The	Box 144, [illegible]	NM-[illegible]

STANLEY AVIATION CORP ... 2501 Dallas St, Denver 8, Colo ... EM6-3541
280-345-895-1305-1530

TERR			TEL. NO.
Cal	[illegible]	6611 Ventura Blvd, Encino, Cal	ST8-[illegible]
Colo	Brown Technical & Associated Sales	30 S. Yarrow St, Denver 26, Colo	BE7-3467
DC	Fred [illegible]	2010 Vermont Ave, N.W., Washington 5	EX3-8453
Mass	Robert B Hatch Co	19 Kearney Rd, Needham Heights 94	HI4-[illegible]
NY	Robert J Mercy Associates	1776 Broadway, New York 19, NY	
Ohio	Frederick Harris Associates	1817 Harvard Blvd, Dayton 6, Ohio	CR5-5771
Pa	Beebe & Aikman	237 Lancaster Ave, Devon, Pa	MU8-5173

STANLEY TRANSFORMER CO ... 30-23 Vernon Blvd, Long Island City, NY
A Leibowitz #4 *100 D 320-1855

TERR			TEL. NO.
NY	Kahgan Sales Corp	1261 Broadway, New York 1, NY	MU4-7772

• **STANPAT** ... 150-42 12th Rd, Whitestone 57, NY ... FL9-1693
F Nelan 525

STANTRON DIV., WYCO METAL PRODS
6914 Beck Ave, North Hollywood, Cal ... TR7-5531
D Keeler *50 180-1245-1390

TERR			TEL. NO.
Ala	William G Mingot	2238 Duncan Dr. Largo, Fla	JU4-3745
Alas	Arva Inc	PO Box 171, Anchorage	BR2-6731
Ark	Southwest Electronic Ind	4515 Prentice St. Dallas, Tex	EM8-8306
Colo	Williams Assoc	2263 S Albion St. Denver	SK6-9403
Conn	Burlingame Assoc	974 Main St. Waltham, Mass	TW4-1955
Del	Burlingame Assoc	8218 Wisconsin Ave. Wash, DC	OL4-6400
DC	Burlingame Assoc	8218 Wisconsin Ave. Wash	OL4-6400
Fla	William G Mingot	2238 Duncan Dr. Largo	JU4-3745
Haw	Arva Inc	PO Box 2845, Honolulu	269-781
Idaho	Arva Inc	1320 Prospect St. Seattle, Wash	MA2-0177
Ill	Engineered Sales	4738 N Harlem Ave. Chicago	UN7-8434
Ind	Engineered Sales	4738 N Harlem Ave. Chicago, Ill	UN7-8434
Kan	Lee Mann & Assoc	PC Box 8467, Kansas City 14, Mo	NI2-3313
Ky	Lowry Districts Co	703 Clairton Blvd, Pittsburg, Pa	TU1-2228
La	Southwest Electronic Industries	45 5 Prentice St. Dallas 6, Tex	EM8-8306
Me	Burlingame Assoc	974 Main St. Waltham, Mass	TW4-1955
Md	Burlingame Assoc	82 8 Wisconsin Ave. Wash, DC	OL4-6400
Mass	Burlingame Assoc	974 Main St. Waltham	TW4-1955
Mo	Lee Mann & Assoc	PC Box 8467, Kansas City 14	NI2-3313
Mont	Arva Inc	1320 Prospect St. Seattle 9, Wash	MA2-0177
NH	Burlingame Assoc	974 Main St. Waltham, Mass	TW4-1955

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NJ	Burlingame Assoc	510 S Fulton Ave, Mount Vernon, NY	MO4-7530
NM	Williams Assoc Inc	3221 Silver Ave. SE, Albuquerque	AL5-9132
NY	Burlingame Assoc	510 S Fulton Ave, Mount Vernon	MO4-7530
Ohio	Lowry District Co	[illegible] Bldg, Cleveland	[illegible]
Okla	Southwest Electronic Industries	4515 Prentice St. Dallas 6, Tex	EM8-8306
Ore	Arva Inc	1320 NW Glisan St, Portland	CA3-7317
Pa	Burlingame Assoc	222 Long Ln, Upper Darby	[illegible]
RI	Burlingame Assoc	974 Main St, Waltham, Mass	TW4-1955
Tex	Southwest Electronic Industries	4515 Prentice St. Dallas 6	EM8-8306
Utah	Williams & Assoc, Inc	323 E 4th St. Salt Lake City	EM4-4844
Vt	Burlingame Assoc	974 Main St, Waltham, Mass	TW4-1955
Va	Burlingame Assoc	8218 Wisconsin Ave, Wash, DC	OL4-6400
Wash	Arva Inc	1320 Prospect St. Seattle 9	MA2-0177
Wis	Engineered Sales Co, Inc	4738 N Harlem Ave, Chicago 31, Ill	UN7-8434
Wyo	Williams & Assoc	2263 S Albion St. Denver 22, Colo	SK6-9403

STANWYCK WINDING CO ... 137 Walsh Ave, Newburgh, NY ... JO1-3360
45-320-880-1855

STAR PORCELAIN CO ... 61 Muirhead Ave, Trenton 9, NJ ... EX2-3154
C Lawton #4 *200 E 240-715-900-905-1890-1940

STAR STAINLESS SCREW CO ... 655 Union Blvd, Totowa, NJ ... CL6-2300
1205-1535-1940

TERR			TEL. NO.
Ala	Seiferd Sales Co	3560 Summer Ave, Memphis, Tenn	
Ark	Seiferd Sales Co	3560 Summer Ave, Memphis, Tenn	
Conn	Ellsworth Steel	1140 Stratford Ave, Stratford, Conn	
Fla	Seiferd Sales Co	3560 Summer Ave, Memphis, Tenn	
Idaho	Dan J Johnson	1968 Herbert Ave, Salt Lake City 8, Utah	
Ill	Armour Screw Co	2410 N. North Ave, Chicago, Ill	
Ill	Bolder Supply Co	[illegible] E. Wabash Ave, Chicago, Ill	
Iowa	E Jack Weeks & Associates	5625 N. College Ave, Indianapolis 20, Ind	
Ky	Aaron Kostman	4344 Saline St, Pittsburgh, Pa	
La	Seiferd Sales Co	3560 Summer Ave, Memphis, Tenn	
Mass	Stamas Metal Products	34 Cambria St, Boston, Mass	
Ohio	Aaron Kostman	4344 Saline St, Pittsburgh, Pa	
Okla	Seiferd Sales	3560 Summer Ave, Memphis, Tenn	
Pa	Aaron Kostman	4344 Saline St, Pittsburgh, Pa	
Tenn	Seiferd Sales	3560 Summer Ave, Memphis, Tenn	
Tex	Seiferd Sales	3560 Summer Ave, Memphis, Tenn	
Utah	Dan J Johnson	1968 Herbert Ave, Salt Lake City 8, Utah	
Wash	E H Sutphe Co	3639 19th Ave, W., Seattle, Wash	
W. Va	A-1 Supply Co	614 Virginia St, W., Charleston, W. Va	
Wyo	Dan J Johnson	1968 Herbert Ave, Salt Lake City 8, Utah	

STARK ELECTRONIC INSTR LTD ... Box 670, Ajax, Ontario, Canada ... WH2-2120
L Samuel #5 *130 E 250-338-895-955-1135-1575

TERR			TEL. NO.
For	[illegible] Intl	13 E 40th St. NY 16, NY	

STARRETT CO., L S ... 165 Crescent St, Athol, Mass ... CH9-3551
*1400 895-1825

TERR			TEL. NO.
Cal	L S Starrett Co, The	5946 E Washington Blvd. LA 22	OV5-[illegible]
Ill	L S Starrett Co., The	4949 W Harrison St. Chicago 44	MA6-11[illegible]
NJ	L S Starrett Co., The	48 Commerce St. Springfield	DR6-3233

STATE TESTING LAB INC ... 226 Knowlton St, Bridgeport 8, Conn ... ED4-4079
E Pickman #3 *7 A 955-1075

TERR			TEL. NO.
Conn	New Haven Testing Lab	260 State St. New Haven	ST7-4189
Conn	MET-L-TEST Lab	239 Cedar St. Bridgeport	FO7-3132
Conn	Palisade Machine Co	15 Center Rd. Nichols	[illegible]
Conn	Connecticut Reclaim Metals Co	92 Howard Ave. Bridgeport	EX4-[illegible]
Fla	State Testing Lab. Inc	3623 Wren-Ln. Orlando	GA2-[illegible]

STATES CO ... 19 New Park Ave, Hartford, Conn
H Porter #3 *52 575-895-1475

TERR			TEL. NO.
Ala	Chas W Ashby Co	1427 28th Ave, Birmingham 5, Ala	
Cal	Geo E Horn Co	420 Market St, San Francisco, Cal	
Cal	Arthur E Booth Co	365 Alexandria Ave, Los Angeles 4, Cal	
DC	Chas H Russell	4403 19th St, N., Arlington 7, Va	
Fla	Shaw Hardy Co	846 Ingraham Bldg, Miami 32, Fla	
Ga	Shaw Hardy Co	846 Ingraham Bldg, Miami 32, Fla	
Hawaii	Honolulu Elec Prod Co Ltd	Honolulu, Hawaii	
La	Electron Equipment Co	3418 Calhoun St, New Orleans 12, La	
Mass	S J King	13 Charles St, Cambridge 41, Mass	
Minn	R E Burmeister Electric Co	2215 Foshay Tower, Minneapolis 2, Minn	
Mo	C O Leaver	4030 Chouteau Ave, St. Louis 10, Mo	
NY	Carlan Representatives	112 Sumner Ave, Syracuse 3, NY	
NY	Kanant Associates	11 Park Pl, New York 7, NY	
NC	J W Carroll	P.O. Box 332, Charlotte 1, NC	
Ohio	Martin Pettyer Inc	13955 Shaker Blvd, Cleveland 20, Ohio	
Ore	A L Polich, Inc	734 NW Glisan, Portland	
Va	Chas H Russell	4403 19th St, N., Arlington 7, Va	
Wash	Lloyd W Edwards	2648 Plymouth St, Seattle	

STATHAM INSTRUMENTS INC ... 12401 W. Olympic Blvd. LA 64, Cal ... GR8-0361
G Kerr *600 G 15-250-895-1850

TERR			TEL. NO.
Ala	R E Triggs	122 E. Colonial, Orlando, Fla	CH1-1574
Alas	E D Pettler	12401 W. Olympic Blvd. LA 64, Cal	GR8-0361
Ariz	W E Anderson	3205 Central Ave. NE, Albuquerque, NM	AM8-2019
Ark	F Hayward	Box 4751, Dallas 6, Tex	FL2-8298
Cal	E D Pettler	12401 W. Olympic Blvd, L A 64, Cal	GR8-0361
Cal	N MacKenzie	315 Town & Country Village, Palo Alto	DA6-9960
Colo	W E Andersen	3205 Central Ave. NE, Albuquerque, NM	AM8-2019
Conn	Frank Delmar	72 Tanner Pl, Buffalo 16, NY	
Conn	F J Dunzer	Box 175, Saxonville, Mass	TR5-5600
Del	A J Walcek	5005 Hampden Ln. Bethesda, Md	OL6-1166
DC	A J Walcek	5005 Hampden Ln. Bethesda, Md	OL6-1166
Fla	R E Triggs	122 E. Colonial, Orlando, Fla	CH1-1574
Ga	R E Triggs	122 E. Colonial, Orlando, Fla	CH1-1574
Haw	E D Pettler	12401 W. Olympic Blvd, LA, Cal	GR8-0361

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Idah	E D Pettler	12401 W. Olympic Blvd. LA, Cal	GR8-0361
Ill	D Beears	23203 Lorain Rd. N. Olmsted, Ohio	RE4-2551
Ind	D Beears	23203 Lorain Rd. N. Olmsted, Ohio	RE4-2551
Iowa	D Beears	23203 Lorain Rd. N. Olmsted, Ohio	RE4-2551
Kan	F Hayward	Box 4751, Dallas 6, Tex	FL2-8298
Ky	D Beears	23203 Lorain Rd. N. Olmsted, Ohio	RE4-2551
La	F Hayward	Box 4751, Dallas 6, Tex	FL2-8298
Me	F J Deinzer	Box 175, Saxonville, Mass	TR5-5600
Md	A J Walcek	5005 Hampden Ln. Bethesda	OL6-1166
Mass	F J Deinzer	Box 175, Saxonville	TR5-5600
Mich	D Beears	23203 Lorain Rd. N. Olmsted, Ohio	RE4-2551
Minn	D Beears	23203 Lorain Rd. N. Olmsted, Ohio	RE4-2551
Miss	R E Triggs	122 E. Colonial, Orlando, Fla	CH1-1574
Mo	F Hayward	Box 4751, Dallas 6	FL2-8298
Mont	E D Pettler	12401 W. Olympic Blvd. LA, Cal	GR8-0361
Neb	D Beears	23203 Lorain Rd. N. Olmsted, Ohio	RE4-2551
Nev	W E Andersen	3205 Central NE, Albuquerque, NM	AM8-2019
NH	F J Deinzer	Box 175, Saxonville, Mass	TR5-5600
NJ	R E Triggs	20 Stern Ave. Springfield	DR6-2551
NM	W E Andersen	3205 Central Ave. NE, Albuquerque	AM8-2019
NY	R E Triggs	20 Stern Ave. Springfield, NJ	DR6-2551
NC	R E Triggs	122 E. Colonial, Orlando, Fla	CH1-1574
ND	D Beears	23203 Lorain Rd. N. Olmsted, Ohio	RE4-2551
Ohio	D Beears	23203 Lorain Rd. N. Olmsted	RE4-2551
Okla	F Hayward	Box 4751, Dallas 6, Tex	FL2-8298
Ore	E D Pettler	12401 W. Olympic Blvd. LA, Cal	GR8-0361
Pa	R E Triggs	20 Stern Ave. Springfield, NJ	DR6-2551
RI	F J Deinzer	Box 175, Saxonville, Mass	TR5-5600
SC	R E Triggs	122 E. Colonial, Orlando, Fla	CH1-1574
SD	D Beears	23203 Lorain Rd. N. Olmsted, Ohio	RE4-2551
Tenn	R E Triggs	122 E. Colonial, Orlando, Fla	CH1-1574
Tex	F Hayward	Box 4751, Dallas 6	FL2-8298
Utah	E D Pettler	12401 W. Olympic Blvd. LA, Cal	GR8-0361
Vt	F J Deinzer	Box 175, Saxonville, Mass	TR5-5600
Va	A J Walcek	5005 Hampden Ln. Bethesda, Md	OL6-1166
Wash	E D Pettler	12401 W. Olympic Blvd. LA, Cal	GR8-0361
W Va	A J Walcek	5005 Hampden Ln. Bethesda, Md	OL6-1166
Wis	D Beears	23203 Lorain Rd. N. Olmsted, Ohio	RE4-2551
Wyo	E D Pettler	12401 W. Olympic Blvd. LA, Cal	GR8-0361
Foreign	Machine & Products Co	12 Wall St, New York 5, NY	WH4-4370
Foreign	Brown & Dureau Ltd	422 Collins St, Melbourne, Australia	MU8621
	STAVER CO., INC	**41 N. Saxon Ave, Bay Shore, NY**	**MO5-3620**
	J Lazarus #1 *70 D 65-285-370-645-750-770-790-900-1120-1125-1290-1350-1575-1580-1615-1635-1875-1940		
Ala	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta, Ga	TR6-3020
Ariz	Robert K Jasper	335 W Maryland, Phoenix	AM4-0013
Cal	Frank A Emmet	1810 Fair Oaks Ave. South Pasadena	MU2-3721
Colo	Leemark Associates	2001 Big Bend Blvd, St. Louis 17, Mo	MI7-1470
Conn	Herb Mandell	85 Pearl Ave, Revere, Mass	AT9-3787
Del	Kaygar Assoc	118 Haddon Ave, Haddonfield, NJ	HA8-1242
Fla	Murphy & Cota	1220 Edgewater Dr, Orlando, Fla	GA4-2167
Ga	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta, Ga	TR6-3020
Ill	J J McBride	328 E. Burlington St, Riverside, Ill	HI7-8131
Ind	William H Myers Jr	North Webster	TE4-2570
Iowa	Leemark Associates	P.O. Box 8467, Kansas City, Mo	NI2-3313
Kan	Leemark Associates	P.O. Box 8467, Kansas City, Mo	NI2-3313
Ky	Murphy & Cota	221 Latta Arcade, Charlotte 2, NC	FR5-2317
Me	Herb Mandell	85 Pearl Ave, Revere, Mass	AT9-3787
Md	Kaygar Assoc	118 Haddon Ave, Haddonfield, NJ	HA8-1242
Mass	Herb Mandell	85 Pearl Ave, Revere, Mass	AT9-3787
Mich	ABM Sales Co	10116 Puritan Ave, Detroit 38	UN2-1300
Miss	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta, Ga	TR6-3020
Mo	Leemark Associates	2001 Big Bend Blvd, St. Louis 17, Mo	MI7-1470
Neb	Leemark Associates	P.O. Box 8467, Kansas City, Mo	NI2-3313
NH	Herb Mandell	85 Pearl Ave, Revere, Mass	AT9-3787
NJ	Kaygar Assoc	118 Haddon Ave, Haddonfield	HA8-1242
NM	Robert K Jasper	335 W Maryland, Phoenix, Ariz	AM4-0013
NY	Melvin S Levison	172-15 Hillside Ave, Jamaica 23, NY	AX1-5610
NY	Vernon R Adams	177 White Plains Rd, Tarrytown, NY	ME1-2579
NC	Murphy & Cota	221 Latta Arcade, Charlotte 2, NC	FR5-2317
Ohio	J H Peterson	1436 Chippewa Ave, Akron 5, Ohio	ST4-5769
Pa	Kaygar Assoc	118 Haddon Ave, Haddonfield, NJ	HA8-1242
RI	Herb Mandell	85 Pearl Ave, Revere, Mass	AT9-3787
SC	Murphy & Cota	221 Latta Arcade, Charlotte 2, NC	FR5-2317
Tenn	Murphy & Cota	221 Latta Arcade, Charlotte 2, NC	FR5-2317
Vt	Herb Mandell	85 Pearl Ave, Revere, Mass	AT9-3787
Va	Murphy & Cota	221 Latta Arcade, Charlotte 2, NC	FR5-2317
W. Va	Murphy & Cota	221 Latta Arcade, Charlotte 2, NC	FR5-2317
Wisc	J J McBride	328 E. Burlington St, Riverside, Ill	HI7-8131
Canada	Atlas Radio Corp	50 Wingold Ave, Toronto 10, Canada	
	STA-WARM ELECTRIC CO	**23 N. Chestnut St, Ravenna, Ohio**	**AX6-6462**
	E Litwell #1 *30 C 510-1825		
Cal	Montgomery Brothers	1122 Howard St. San Francisco 3	UN1-3000
Cal	Montgomery Brothers	4800 District Blvd. L A 58	LU9-6321
Conn	Dittman & Greer Inc	Box 780, S. Main St, Ext, Middletown	DI6-9606
Fla	J J Gallaher Co	617 Cleveland St, Clearwater	446-7706
Ga	Applebee-Church Inc	1958A Monroe Dr, N.E., Atlanta 9	TR5-7244
Ill	Fred I Tourtelot Co	407 Dearborn St, Chicago 5	HA7-5467
Ind	Coughman-Osment Inc	1400 N. Illinois St, Indianapolis 8	ME5-5313
Iowa	Volco Co	215 Kahl Blg, Davenport	[illegible]
Kan	Conrow Co	135 Geo Washington Blvd, Wichita 11	AM2-5647
Ky	Smysor Co	1046 Delta Ave, Cincinnati 8	TR1-[illegible]
Md	P V Renoff Co	333 E. 25th St, Baltimore 18	HO7-3200
Mass	L C Pelkus & Co Inc	204 Worcester St. Wellesley Hills 81	CE5-8040
Mich	Smith Equipment Co	2842 W. Grand Blvd, Detroit 2	TR5-2500
Minn	Volco Co	831 S. Sixth St, Minneapolis 4	FE6-6631
Mo	Conrow Co	2522 Summit St, Kansas City 8	VI2-3305
NJ	R L Faber & Associates Inc	1246 Broad St, Bloomfield	ED8-6900
NY	Niagara Electric Sales Co	133 Clinton Ave, S, Rochester 4	HA6-2070
NY	R L Faber & Associates Inc	1246 Broad St, Bloomfield, NJ	
NY	R P Smith Co Inc	Box 1834 Pine St Sta, Albany 3	HO3-[illegible]
Ohio	Anderson-Smith Inc	2012 W. 25th St, Cleveland 13	PR1-[illegible]
Ohio	Smysor Co	1046 Delta Ave, Cincinnati 8	TR1-[illegible]
Ore	Montgomery Brothers	1632 N.W. Johnson St, Portland 9	CA3-4197
Pa	John P Clark Co	124 S. Easton Rd, Glenside	TU7-1776
Tenn	H R Miles & Associates	2510-B Franklin Rd, Nashville 4	CY2-7016
Tenn	H R Miles & Assoc	Box 172, Chattanooga 1	AM5-3852
Tex	L R Ward Co	3009 Canton St, Dallas 26	RI1-9004
Wash	Montgomery Brothers	911 Western Ave, Seattle 4	MA4-7297
Wisc	G Hotch Co., Inc	531 W. Wisconsin St, Milwaukee 3	BR1-3021
Foreign	H Austin Longs Co	Ravenna, Ohio	AX3-3212
	STEEL CO., HERMAN D	**Lafayette Bldg, Philadelphia 6, Pa**	**WA5-2867**
	P Steel, Jr #1 *5 1120-1165		
	STEEL HEDDLE MFG CO	**2100 W. Allegheny Ave, Phila 32, Pa**	**BA8-2460**
	L Spengler #50 *1500 G 190-720-790-995-1120-1125-1305-1815-1960		
Ariz	Ungar Sales Associates	9925 Venice Blvd, Los Angeles 34, Cal	TE0-6116
Cal	Ungar Sales Associates	9925 Venice Blvd, Los Angeles 34, Cal	TE0-6117
Colo	Ungar Sales Associates	9925 Venice Blvd, Los Angeles 34, Cal	TE0-6117
Hawaii	Ungar Sales Associates	9925 Venice Blvd, Los Angeles 34, Cal	TE0-6117
Idaho	Ungar Sales Associates	9925 Venice Blvd, Los Angeles 34, Cal	TE0-6117
Ill	Russ Diethert Co., Inc	7000 W. Montrose Ave, Chicago 18, Ill	LO1-7627
Ind	Russ Diethert Co., Inc	7000 W. Montrose Ave, Chicago 18, Ill	LO1-7627
Mont	Ungar Sales Associates	9925 Venice Blvd, Los Angeles 34, Cal	TE0-6117
NM	Ungar Sales Associates	9925 Venice Blvd, Los Angeles 34, Cal	TE0-6115
NC	Russ Diethert Co., Inc	Box 510, Gastonia, NC	UN5-3771
Ore	Ungar Sales Associates	9925 Venice Blvd, Los Angeles 34, Cal	TE0-6116
SC	Russ Diethert Co., Inc	Box 510, Gastonia, NC	UN5-3771
Tenn	Russ Diethert Co., Inc	Box 510, Gastonia, NC	UN5-3771
Utah	Ungar Sales Associates	9925 Venice Blvd, Los Angeles 34, Cal	TE0-6116
Wash	Ungar Sales Associates	9925 Venice Blvd, Los Angeles 34, Cal	TE0-6117
Wisc	Russ Diethert Co., Inc	1324 W. Wisconsin Ave, Milwaukee, Wisc	DI2-7484
	STEEL INDUSTRIES INC	**905 Louise Ave, Crawfordsville, Ind**	**EM2-0800**
	H Oxbry #4 *200 E 65-70-1120-1545		
	STEEL PROTECTION & CHEMICAL CO., INC.	**Mooresville, Ind**	
	1305		
	STEGER FURNITURE MFG CO	**3327 Chicago Rd, Steger, Ill**	**IN8-9350**
	55-180		
	STEINER-IVES CO	**Springfield Rd, Union, NJ**	**MU8-7474**
	735-1215		
Cal	Carl Herrmann Associates	P.O. Box 1179, Palo Alto, Cal	DA3-2793
Conn	Leonard J Edwards	122 Canna St, Warwick, RI	
Me	Leonard J Edwards	122 Canna St, Warwick, RI	
Mass	Leonard J Edwards	122 Canna St, Warwick, RI	
NH	Leonard J Edwards	122 Canna St, Warwick, RI	
Pa	John P Clark Co	124 S. Easton Rd, Glenside, Pa	TU7-1776
Vt	Leonard J Edwards	122 Canna St, Warwick, RI	
	STELLARDYNE LABS INC	**1525 Cuyamaca, El Cajon, Cal**	**HI2-1693**
	250-895-1915-1935		
Cal	Victor Thomason	7046 Hollywood Blvd, Hollywood 28, Cal	ST2-7679
Cal	Warren M Currier	7046 Hollywood Blvd, Hollywood 28, Cal	HO4-4992
Cal	Jack A Chubek	655 S. Alviso Rd, Mountain View, Cal	YO8-6027
Ohio	Fred J Kendall	P.O. Box 568, Dayton 19, Ohio	AX8-5239
	STELMA INC	**200 Henry St, Stamford, Conn**	**DA5-4161**
	325-895-1460-1470-1480		
Canada	Instronics Ltd	Box 100, Stittsville, Ontario, Canada	
	STEPHENS TRUSONIC INC	**8538 Warner Dr, Culver City, Cal**	**UP0-6671**
	R Rose #3 *40 C 1130-1675-1935		
Alaska	Ron Merritt Co	1320 Prospect St, Seattle 9, Wash	MU2-7337
Ariz	Maury Freeman Sales Co	11422 Tobie St. Garden Grove, Cal	NO4-1004
Cal	F W Moulthrop Co	1530 E 12th St. Oakland	AN1-7676
Cal	Maury Freeman Sales Co	1422 Tobie St. Garden Grove	NO4-1004
Colo	Hyde Electronic Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Conn	Robert Smith Co	59 Verndale St, Brookline 46, Mass	AS7-0017
Del	H A Goodman	401 W Mt Airy Ave, Phila 19, Pa	CH7-7116
DC	H A Goodman	401 W Mt Airy Ave. Phila 19, Pa	CH7-7116
Haw	Dougherty Enterprises	Box 188, Kailua	253-666
Idaho	Hyde Electronic Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Idah	Ron Merritt Co	1320 Prospect St, Seattle 9, Wash	MU2-7337
Ill	F C Somers & Co	Davidson Bldg, Kansas City 8, Mo	GR1-1355
Ill	Sheldon Shak & Assoc	815 N LaSalle St. Chicago 10	DE7-0392
Ind	Sheldon Shak & Assoc	815 N LaSalle St. Chicago 10, Ill	DE7-0392
Iowa	F C Somers & Co	Davidson Bldg, Kansas City 8, Mo	GR1-1355
Kan	F C Somers & Co	Davidson Bldg, Kansas City 8, Mo	GR1-1355
Ky	Sheldon Shak & Assoc	815 N LaSalle St. Chicago 10, Ill	DE7-0392
Me	Robert Smith Co	59 Verndale St. Brookline 46, Mass	AS7-0017
Mass	Robert Smith Co	59 Verndale St, Brookline 46	AS7-0017
Mo	F C Somers & Co	Davidson Bldg, Kansas City 8	GR1-1355
Mont	Ron Merritt Co	1320 Prospect St, Seattle 9, Wash	MU2-7337
Mont	Hyde Electronic Co	888 S Lipan St, Denver 23, Colo	WE6-3456
Neb	F C Somers & Co	Davidson Bldg, Kansas City 8, Mo	GR1-1355
Nev	Maury Freeman Sales Co	11422 Tobie St. Garden Grove, Cal	NO4-1004
NH	Robert Smith Co	59 Verndale St. Brookline 46, Mass	AS7-0017
NJ	Bach Sales Co	26 Mahan Rd. Old Bethpage, NY	MU7-1240
NJ	H A Goodman	401 W Mt Airy Ave. Phila 19, Pa	CH7-7116
NM	Hyde Electronics Co	888 S Lipan St. Denver 23, Colo	WE6-3456
NY	Bach Sales Co	26 Mahan Rd, Old Bethpage	MU7-1240
Ohio	Mike Roth Sales Co	13947 Cedar Rd, Cleveland 18, Ohio	YE2-4262
Ore	Ron Merritt Co	1320 Prospect St, Seattle 9, Wash	MU2-7337
RI	Robert Smith Co	59 Verndale St, Brookline 46, Mass	AS7-0017
Utah	Hyde Electronic Co	2802 Conner St, Salt Lake City 9, Utah	IN7-5763
Vt	Robert Smith Co	59 Verndale St. Brookline 46, Mass	AS7-0017
Va	H A Goodman	401 W Mt Airy Ave. Phila 19, Pa	CH7-7116
Wash	Ron Merritt Co	1320 Prospect St, Seattle 9, Wash	MU2-7337
W. Va	Mike Roth Sales Co	13947 Cedar Rd, Cleveland 18, Ohio	YE2-4262
Wis	Sheldon Shak & Assoc	815 N LaSalle St. Chicago 10, Ill	DE7-0392
Wyo	Hyde Electronic Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Can	Ron Merritt Co	1320 Prospect St. Seattle 9, Wash	MU2-7337
For	Tradinvest Establishment	Via Eleonora Duse 22, Rome, Italy	879663
Foreign	Horace H Whittlesey	Articulo 123, No 127-5, Mexico 1, D F	18-66-70
	STERLING BOLT CO.	**363-405 W. Erie St, Chicago 10, Ill**	**SU7-3000**
	125-1205-1535		
	STERLING INSTRUMENT DIV. DESIGNATRONICS	**17 Matinecock Ave. Port Washington, NY**	**PO7-6200**
	D McMullen #18 *228 E 75-80-145-150-285-300-320-390-785-790-895-955-1135-1330-1535		
Ala	Candor Co	2980 Beach St, Winston-Salem, NC	PA2-1432
Alaska	Fred Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA2-1818
Ariz	J W Marsh Co	4216-20 W Jefferson Blvd. LA, Cal	RE2-0145
Cal	J W Marsh Co	4216-20 W. Jefferson Blvd, L A 16, Cal	RE2-0145
Colo	Gates Co	200 S Main St. Salt Lake City, Utah	EL9-1101
Conn	Joseph G Coppola	3743 Park Ave, Bridgeport 4, Conn	ED9-6041
DC	S W Goodman Co	32 W. Biddle St, Baltimore 1, Md	SA7-6116
Fla	Buchanan & Abrams Associates	1226 E Colonial Dr. Orlando	GA3-8955
Ga	Candor Co., The	2980 Beach St. Winston-Salem, NC	PA2-1432
Idaho	Fred Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA2-1818
Ind	Midwest Sales	3219 W 117 St. Cleveland, Ohio	WI1-2700
Kan	Ray Deane	10825 McGee, Kansas City, Mo	WI2-0130
Ky	Midwest Sales	3219 W 117 St. Cleveland, Ohio	WI1-2700
Me	Joseph G Coppola	3743 Park Ave, Bridgeport 4, Conn	ED9-6041
Md	S W Goodman Co	32 W. Biddle St, Baltimore 1, Md	SA7-6116
Mass	Joseph Coppola	3743 Park Ave. Bridgeport, Conn	ED9-6041
Mich	Midwest Sales	3219 W 117 St. Cleveland, Ohio	WI1-2700
Minn	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis, Minn	WE9-6727
Miss	Buchanan & Abrams	1226 E Colonial Dr. Orlando, Fla	GA3-8955
Mo	Ray Deane	10825 McGee, Kansas City	WI2-0130
Mont	Fred Haight Co	3212 Eastlake Ave, Seattle, Wash	EA2-1818
Neb	Ray Deane	10825 McGee, Kansas City 14, Mo	WI2-0130
Nev	J W Marsh Co	4216 W. Jefferson Blvd, L A, Cal	RE2-0145
NH	Joseph G Coppola	3743 Park Ave, Bridgeport 4, Conn	ED9-6041
NJ	Kenneth Hughes Co	4808 Bergenline Ave. Union City	OX5-0082
NM	Gates Co	200 S Main St. Salt Lake City, Utah	EL9-1101
NY	William Richter Corp	110 Dolores Terrace 5, N Syracuse	LU6-6454
NC	Candor Co	2980 Beach St, Winston-Salem, NC	PA2-1432
ND	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis, Minn	WE9-6727
Ohio	Midwest Sales	3219 W 117 St. Cleveland	WI1-2700
Okla	Briles Mfg & Supply	2314 Irving Blvd. Dallas, Tex	RI8-5200
Ore	Fred Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA2-1818
Pa	Kenneth Hughes Co	4808 Bergenline Ave. Union City, NJ	OX5-0082
RI	Joseph G Coppola	3743 Park Ave, Bridgeport 4, Conn	ED9-6041
SC	Candor Co	2980 Beach St, Winston-Salem, NC	PA2-1432
SD	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis, Minn	WE9-6727
Tenn	Candor Co	2980 Beach St, Winston-Salem, NC	PA2-1432
Tex	Briles Mfg & Supply	2314 Irving Blvd. Dallas	RI8-5200
Utah	Gates Co	200 S Main St. Salt Lake City	EL9-1101
Vt	Joseph G Coppola	3743 Park Ave, Bridgeport 4, Conn	ED9-6041
Va	S W Goodman Co	50 W Biddle St. Baltimore, Md	SA7-6116
Wash	Fred Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA2-1818
Wis	Zak & Associates	7730 Carondelet, St Louis, Mo	PA7-8559
Wisc	Fred B Hill Co	6110 Excelsior Blvd, Mnnpls 16, Minn	WE9-6727
Wyo	Gates Co	200 S Main St. Salt Lake City, Utah	EL9-1101
Can	Walton Products, Ltd	1117 St Catherine St. W, Montreal, Que	
	STERLING MFG CO	**2880 Detroit Ave. Cleveland 13, Ohio**	**SU1-7171**
	A Rohde #3 *75 C 895		
Ark	Packard Assoc	Love Field Terminal Bldg, Dallas 35, Tex	
Conn	Charles Segel Co	1262 Commonwealth Ave, Boston 34, Mass	
Del	Samuel A Jeffries Co	105 Forrest Ave, Narberth, Pa	
Ill	Saffro & Associates	5209 N. Kimball Ave, Chicago 25, Ill	
Ind	Charles N Hoemig Sales Co	Butler Ct, Ft. Wayne 8, Ind	
Iowa	W E Fry & Co	406 W. 34th St, Kansas City 11, Mo	
Kan	W E Fry & Co	406 W. 34th St, Kansas City 11, Mo	
Ky	Walter J Brauer & Assoc	15631 Lakewood Hts Blvd. Cleve 7, Ohio	
La	Packard Assoc	Love Field Terminal Bldg, Dallas 35, Tex	
Me	Charles Segel Co	1262 Commonwealth Ave, Boston 34, Mass	
Md	Samuel A Jeffries Co	105 Forrest Ave, Narberth, Pa	
Mass	Charles Segel Co	1262 Commonwealth Ave, Boston 34, Mass	
Mich	Herman D Mysing	18450 W. McNichols, Detroit 19, Mich	
Minn	Ed Melius & Assoc	2635 University Ave. St Paul 14	
Mo	W E Fry & Co	406 W. 34th St, Kansas City 11, Mo	
Neb	W E Fry & Co	406 W. 34th St, Kansas City 11, Mo	
NJ	Samuel A Jeffries Co	105 Forrest Ave, Narberth, Pa	
NJ	Madsen Co., The	22 Dundee Dr. Summit	
NY	Madsen Co., The	22 Dundee Dr. Summit, NJ	
ND	Ed Melius & Assoc	2635 University Ave. St Paul 14, Minn	
Ohio	Mike Roth Sales Co	13947 Cedar Rd, Cleveland 18, Ohio	
Okla	Packard Assoc	Love Field Terminal Bldg, Dallas 35, Tex	
Pa	Samuel A Jeffries Co	105 Forrest Ave, Narberth, Pa	
Pa	Mike Roth Sales Co	13947 Cedar Rd, Cleveland 18, Ohio	
RI	Charles Segel Co	1262 Commonwealth Ave, Boston 34, Mass	
SD	Ed Melius & Assoc	2635 University Ave. St Paul 14, Minn	
Tex	Packard Assoc	Love Field Terminal Bldg, Dallas 35	
Vt	Charles Segel Co	1262 Commonwealth Ave, Boston 34, Mass	
Va	Samuel A Jeffries Co	105 Forrest Ave, Narberth, Pa	
W.Va	Mike Roth Sales Co	13947 Cedar Rd, Cleveland 18, Ohio	
Wisc	Saffro & Associates	5209 N. Kimball Ave, Chicago 25, Ill	
Foreign	A C Simmonds & Sons	100 Merton St, Toronto 7, Ontario, Canada	
	STERLING TRANSFORMER CORP	**510 Driggs Ave, Brooklyn, NY**	**ST2-4200**
	E Martoccia #5 *80 D 320-1855		
Alas	Howell Sales Inc	4637 Dudley Arvada, Colo	HA2-2497
Ark	Fred Gross & Co	P.O. Box 1926, Dallas, Tex	FL1-1837
Cal	Bernard L Cann	420 Market St, San Francisco, Cal	SU1-7981
Cal	Harry Gee Assoc. Inc	5333 S. Sepulveda Blvd. Culver City	
Colo	Howell Sales Inc	4637 Dudley, Arvada, Colo	HA2-2497
Conn	Walworth Controls Co	131 Main St, Rocky Hill, Conn	JA9-6806
Del	Eastern Components Inc	613 Cheltenham Ave. Phila, Pa	WA7-6259
DC	Eastern Components Inc	613 Cheltenham Ave. Phila, Pa	WA7-6269
Fla	Winfield Electronics	666 N.E. 125 St, N. Miami, Fla	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Hawaii	Bernard L Cate	420 Market St, San Francisco, Cal	SU1-7981
Idaho	Howell Sales	4637 Dudley, Arvada, Colo	
Ill	Lee Mark Associates	3803 Big Bend Blvd, St Louis, Mo	MI7-1470
Ill	R T Mathews & Co	1127 Wells St, Fort Wayne, Ind	EA3917
Ind	R T Mathews & Co	1127 Wells St, Fort Wayne	EA3917
Iowa	R T Mathews & Co	1127 Wells St, Fort Wayne, Ind	EA3917
Kan	Lee Mark Associates	121 W 86 St, Kansas City, Mo	NI2-3313
Ky	R T Mathews & Co	1127 Wells St, Fort Wayne, Ind	EA3917
La	Fred Gross & Co	P.O. Box 1926, Dallas, Tex	FL1-1837
Me	Walworth Controls Co	131 Main St, Rocky Hill, Conn	JA9-6805
Md	Eastern Components Inc	613 Cheltenham Ave, Phila, Pa	WA7-6269
Mass	Walworth Controls Co	131 Main St, Rocky Hill, Conn	JA9-6805
Mich	R T Mathews & Co	1127 Wells St, Fort Wayne, Ind	EA3917
Minn	R T Mathews & Co	1127 Wells St, Fort Wayne, Ind	EA3917
Mo	Lee Mark Associates	121 W 86 St, Kansas City	NI2-3313
Mont	Howell Sales	4637 Dudley, Arvada, Colo	HA2-2497
Neb	Lee Mark Associates	121 W 86 St, Kansas City, Mo	NI2-3313
Nev	Bernard L Cate Co	420 Market St, SF, Cal	SU1-7981
NH	Walworth Controls	131 Main St, Rocky Hill, Conn	JA9-6805
NJ	Eastern Components Inc	613 Cheltenham Ave, Phila, Pa	WA7-6269
NJ	Wilgold Electronic Sales	P.O. Box 27, Rockville Ctr, NY	RO4-4022
NM	Howell Sales	4637 Dudley, Arvada, Colo	HA2-2497
NY	Wilgold Electronic Sales	P.O. Box 27, Rockville Ctr, NY	RO4-4022
Ohio	The Arnold Johnson Co	7565 Kenwood Rd, Cincinnati 36, Ohio	LO1-8826
Okla	Fred Gross & Co	P.O. Box 1926, Dallas, Tex	FL1-1837
Ore	Howell Sales	4637 Dudley, Arvada, Colo	HA2-2497
Pa	Eastern Components Inc	613 Cheltenham Ave, Phila	WA7-6269
RI	Walworth Controls Co	131 Main St, Rocky Hill, Conn	JA9-6805
Tex	Fred Gross & Co	P.O. Box 1926, Dallas, Tex	FL1-1837
Utah	Howell Sales	4637 Dudley, Arvada, Colo	HA2-2497
Vt	Walworth Controls Co	131 Main St, Rocky Hill, Conn	JA9-6805
Va	Eastern Components Inc	613 Cheltenham Ave, Phila, Pa	WA7-6269
Wash	Howell Sales	4637 Dudley, Arvada, Colo	HA2-2497
Wis	R T Mathews & Co	1127 Wells St, Fort Wayne, Ind	EA3917
	STERLING VARNISH CO	**Haysville Borough, Sewickley, Pa**	**SE1550**
	W McClelland #6 *85 30-315-900-1240-1930		
Ala	Vulcan Electric Distributors Inc	600 S 32nd St, Birmingham	AL4-3106
Cal	Western Fibrous Glass Products Co	4421 Fruitland Ave, Los Angeles 58	LU8-7211
Ill	Sterling Varnish Co., The	1440 N Halsted St, Chicago	WH3-0734
Ind	Leon W Lozman	6613 Moreland Ave, Hammond, Ind	TW-6190
Mich	McNaughton-McKay Electric Co	7000 Intervale Ave, Detroit	TE4-7600
Minn	C J Lennark Co	Plymouth Bldg, Minneapolis, Minn	FE3-6686
NJ	Robert McKeown Co	99 Dorsa Ave, Livingston, NJ	WY2-0700
NY	C F Petroski	100 Harshman Dr, Sodus, NY	FR7-0569
NC	Robert K Chapman & Co	1508 E 4th St, Charlotte	FR5-7215
Ohio	Electrolock Inc	28 N Main St, Chagrin Falls	CH7-4245
Ohio	Electrolock Inc	2003 N. Main St, Dayton 2, Ohio	OR7-3221
Pa	C H Wilson	R D #4, Gettysburg	ED4-4570
Wash	Western Fibrous Glass Prods Co	1915 1st Ave S, Seattle	MA4-7250
Wis	Special Electric Co Inc	3135 W Cherry St, Milwaukee	DI2-8800
Wisc	Engineering Sales Co	2225 N. Humboldt Ave, Milwaukee, Wisc	LO2-1222
Canada	Sterling Varnish Co of Can Ltd	St. Catharines, Ontario, Canada	MU5-7841
Foreign	Sterling Varnish Co., Ltd	Trafford Pk, Manchester, England	0392
For	Industrias Conectoides, S A	Tonala 143, Mexico 7, D F	14-65-58
•	**STEVENS-ARNOLD INC**	**7 Elkin St, South Boston 27, Mass**	**AN8-1170**
	J Connolly 275-1460		
	STEVENS MFG CO., GEORGE	**6022 N Rogers Ave, Chicago 46, Ill**	
	895-1075		
Ala	John L Cottrell	P.O. Box 1334, Nashville 2, Tenn	CY2-8997
Cal	Paul H Potter Associates	2390 Foothill Blvd, Pasadena, Cal	MU1-5189
Conn	The Representatives Corp	10 High St, Boston 10, Mass	HA6-0541
Del	Rothenheber & Co	53 Cricket Ave, Ardmore, Pa	MI2-6911
DC	Rothenheber & Co	53 Cricket Ave, Ardmore, Pa	MI2-6911
Ga	John L Cottrell	P.O. Box 1334, Nashville 2, Tenn	CY2-8997
Ill	D D Darnell & Co	Johnson Dr & Nall Ave, Mission, Kan	RA2-1736
Ill	E N Taylor	6760 Stony Island Ave, Chicago 49, Ill	FA4-8532
Ind	E N Taylor	6760 Stony Island Ave, Chicago 49, Ill	FA4-8532
Iowa	E N Taylor	6760 Stony Island Ave, Chicago 49, Ill	FA4-8532
Iowa	D D Darnell & Co	Johnson Dr & Nall Ave, Mission, Kan	RA2-1736
Kan	D D Darnell & Co	Johnson Dr & Nall Ave, Mission, Kan	RA2-1736
Ky	John L Cottrell	P.O. Box 1334, Nashville 2, Tenn	CY2-8997
Me	The Representatives Corp	10 High St, Boston 10, Mass	HA6-0541
Md	Rothenheber & Co	53 Cricket Ave, Ardmore, Pa	MI2-6911
Mass	The Representatives Corp	10 High St, Boston 10, Mass	HA6-0541
Minn	E N Taylor	6760 Stony Island Ave, Chicago 49, Ill	FA4-8532
Miss	John L Cottrell	P.O. Box 1334, Nashville 2, Tenn	CY2-8997
Mo	D D Darnell & Co	Johnson Dr & Nall Ave, Mission, Kan	RA2-1736
Neb	D D Darnell & Co	Johnson Dr & Nall Ave, Mission, Kan	RA2-1736
NH	The Representatives Corp	10 High St, Boston 10, Mass	HA6-0541
NJ	L C Sanford	202 Woodland Ave, Rutherford, NJ	WE9-0979
NJ	Rothenheber & Co	53 Cricket Ave, Ardmore, Pa	MI2-6911
NY	H C Johnson Agencies Inc	111 Mt. Hope Ave, Rochester 20, NY	HA6-1090
NY	L C Sanford	202 Woodland Ave, Rutherford, NJ	WE9-0979
Okla	D D Darnell & Co	Johnson Dr & Nall Ave, Mission, Kan	RA2-1736
Ore	H D Campbell Co	220 9th Ave, N, Seattle 9, Wash	MA4-3252
Pa	Rothenheber & Co	53 Cricket Ave, Ardmore, Pa	MI2-6911
Pa	H C Johnson Agencies	111 Mt. Hope Ave, Rochester 20, NY	HA6-1090
RI	The Representatives Corp	10 High St, Boston 10, Mass	HA6-0541
Tenn	John L Cottrell	P.O. Box 1334, Nashville 2, Tenn	CY2-8997
Tex	D D Darnell & Co	Johnson Dr & Nall Ave, Mission, Kan	RA2-1736
Vt	The Representatives Corp	10 High St, Boston 10, Mass	HA6-0541
Va	Rothenheber & Co	53 Cricket Ave, Ardmore, Pa	MI2-6911
•	**STEVENS MFG CO. INC**	**P O Box 1007, Mansfield, Ohio**	**TU4-1311**
	G Reese #12 E 360-1735-1805		
Ala	John L Cottrell	Box 1334, Nashville 2, Tenn	CY2-8997
Ark	D D Darnell & Co	Johnson Dr. & Nall Ave, Mission, Kan	RA2-1736
Cal	Artwel Electric Inc	1485 Bayshore Blvd, San Francisco 24	JU6-4074
Colo	Inland Assoc	1003 Saturn Dr, Colorado Springs	ME3-2050
Conn	Representatives Corp., The	10 High St, Boston 10, Mass	HA6-0541
Del	Rothenheber & Co	53 Cricket Ave, Ardmore, Pa	MI2-6911

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
DC	Rothenheber & Co	53 Cricket Ave, Ardmore, Pa	MI2-6911
Ga	John L Cottrell	Box 1334, Nashville 2, Tenn	CY2-8997
Ill	D D Darnell & Co	Johnson Dr. & Nall Ave, Mission, Kan	RA2-1736
Ill	E N Taylor	6760 Stony Island Ave, Chicago 49	FA4-8532
Ind	E N Taylor	6760 Stony Island Ave, Chicago 49, Ill	FA4-8532
Iowa	E N Taylor	6760 Stony Island Ave, Chicago 49, Ill	FA4-8532
Iowa	D D Darnell & Co	Johnson Dr. & Nall Ave, Mission, Kan	RA2-1736
Kan	D D Darnell & Co	Johnson Dr. & Nall Ave, Mission	RA2-1736
Ky	John L Cottrell	Box 1334, Nashville 2, Tenn	CY2-8997
Me	Representatives Corp., The	10 High St, Boston 10, Mass	HA6-0541
Md	Rothenheber & Co	53 Cricket Ave, Ardmore, Pa	MI2-6911
Mass	Representatives Corp., The	10 High St, Boston 10	HA6-0541
Minn	E N Taylor	6760 Stony Island Ave, Chicago 49, Ill	FA4-8532
Miss	John L Cottrell	Box 1334, Nashville 2, Tenn	CY2-8997
Mo	D D Darnell & Co	Johnson Dr. & Nall Ave, Mission, Kan	RA2-1736
Neb	D D Darnell & Co	Johnson Dr. & Nall Ave, Mission, Kan	RA2-1736
Nev	Artwel Electric Inc	1485 Bayshore Blvd, SF 24, Cal	JU6-4074
NH	Representatives Corp., The	10 High St, Boston 10, Mass	HA6-0541
NJ	L C Sanford	202 Woodland Ave, Rutherford	WE9-0979
NJ	Rothenheber & Co	53 Cricket Ave, Ardmore, Pa	MI2-6911
NY	H C Johnson Agencies	111 Mt Hope Ave, Rochester 20	HA6-1090
NY	L C Sanford	202 Woodland Ave, Rutherford, NJ	WE9-0979
Okla	D D Darnell & Co	Johnson Dr. & Nall Ave, Mission, Kan	RA2-1736
Ore	H D Campbell Co	220 9th Ave, N, Seattle 9, Wash	MA4-3252
Pa	Rothenheber & Co	53 Cricket Ave, Ardmore	MI2-6911
Pa	H C Johnson Agencies	111 Mt Hope Ave, Rochester 20, NY	HA6-1090
RI	Representatives Corp., The	10 High St, Boston 10, Mass	HA6-0541
Tenn	John L Cottrell	Box 1334, Nashville 2	CY2-8997
Tex	D D Darnell & Co	Johnson Dr. & Nall Ave, Mission, Kan	RA2-1736
Utah	Inland Assoc	1003 Saturn Dr, Colorado Springs, Colo	ME3-2050
Vt	Representatives Corp., The	10 High St, Boston 10, Mass	HA6-0541
Va	John L Cottrell	Box 1334, Nashville 2, Tenn	CY2-8997
Va	Rothenheber & Co	53 Cricket Ave, Ardmore, Pa	MI2-6911
Wash	H D Campbell Co	220 9th Ave, N, Seattle 9	MA4-3252
W Va	Rothenheber & Co	53 Cricket Ave, Ardmore, Pa	MI2-6911
Wis	E N Taylor	6760 Stony Island Ave, Chicago 49, Ill	FA4-8532
Wyo	Inland Assoc	1003 Saturn Dr, Colorado Springs, Colo	ME3-2050
Can	R W Stark	Box 185, Renfrew, Ont	HE2-4358
Can	H D Campbell	220 9th Ave, N, Seattle 9, Wash	MA4-3252
	STEVENS PAPER MILLS INC	**Windsor, Conn**	**MU8-3661**
	W Anderson *350 900		
Cal	Yarbrough Sales Co	192 E Glenarm St, Pasadena	MU2-3331
Cal	Yarbrough Sales Co	2636 Mission St, San Marino, Cal	RY1-3331
	STEVENS PRODUCTS INC	**86-90 Main St, East Orange, NJ**	**OR2-2140**
	R Stevens *45 120-715-900-1290-1505-1090		
	STEVENSON BRO & CO	**110 Race St, Philadelphia 6, Pa**	**MA7-0760**
	F Fosimore *7 D 315-908		
	STEWARD MFG CO. D M	**3600 Jerrone Ave, Chattanooga, Tenn**	**TA1-1561**
	R Palmquist #9 *150 240-320-380-715-900-905-1085-1855		
Ala	Herron & Co	15 Cinderella Rd, Lookout Mtn, Tenn	VE1-6783
Ariz	Electrical Specialty Co	916 W. Adams St, Phoenix, Ariz	AL2-2107
Ark	Herron & Co	15 Cinderella Rd, Lookout Mtn, Tenn	VE1-6783
Cal	Electrical Specialty Co	2020 E. 12th St, Los Angeles, Cal	AN9-9511
Cal	Electrical Specialty Co	158-168 11th St, San Francisco 3, Cal	HE1-8450
Colo	Electrical Specialty Co	2026 Arapahoe St, Denver, Colo	CH4-4588
Conn	Richard Gale	P.O. Box 6, Reading, Mass	RE2-1829
Del	H S Bancroft & Co	209 Cooper St, Collingswood 7, NJ	UL4-4000
DC	H S Bancroft & Co	209 Cooper St, Collingswood 7, NJ	UL4-4000
Fla	Manufacturers Sales Co	750 43rd Ave, N.E., St. Petersburg, Fla	OR1-4041
Ga	Herron & Co	15 Cinderella Rd, Lookout Mtn, Tenn	VE1-6783
Idaho	Electrical Specialty Co	1022 NW 21st Ave, Portland, Ore	CA7-3601
Ill	Knoblock & Malone Inc	1603 N. Newland Ave, Chicago 35, Ill	NA2-4005
Ill	A O Woerner & Sons	4030 Chouteau Ave, St. Louis, Mo	FR1-2780
Ind	Knoblock & Malone Inc	Rural Rt 6, Sidney, Ohio	HY2-2401
Iowa	A A Gustafson	Griggs-Midway Bldg, St. Paul 4, Minn	MI4-7630
Ky	Petrie-Ingram Co	P.O. Box 194, Dayton, Ohio	CR7-2401
Me	Richard Gale	P.O. Box 6, Reading, Mass	RE2-1829
Md	H S Bancroft & Co	209 Cooper St, Collingswood, NJ	UL4-4000
Mass	Richard Gale	P.O. Box 6, Reading, Mass	RE2-1829
Mich	Daniel Clifford	Fisher Bldg, Detroit, Mich	TR5-3544
Minn	A A Gustafson	Griggs-Midway Bldg, St. Paul 4, Minn	MI4-7630
Miss	Herron & Co	4394 18th Ave, Meridian, Miss	2-1978
Mo	A O Woerner & Sons	4030 Chouteau Ave, St. Louis, Mo	FR1-2780
Mont	Electrical Specialty Co	2406 1st Ave, S., Seattle, Wash	MA3-8061
Nev	Electrical Specialty Co	158-168 11th St, San Francisco 3, Cal	HE1-8450
NH	Richard Gale	P.O. Box 6, Reading, Mass	RE2-1829
NJ	W S Mills	25 Samson Ave, Madison, NJ	FR7-7747
NJ	H S Bancroft & Co	209 Cooper St, Collingswood 7, NJ	UL4-4000
NM	Electrical Specialty Co	916 W. Adams St, Phoenix, Ariz	AL2-2107
NY	W S Mills	25 Samson Ave, Madison, NJ	FR7-7747
NY	Reed-Tollefson Corp	P.O. Box 380, Alexander, NY	FI3-5891
NY	Reed-Tollefson Corp	2305 Country Club Ln, Endicott	PI8-7391
NY	Reed-Tollefson Corp	Box 456, Utica	RE6-1741
NY	Reed-Tollefson Corp	2915 Monroe Ave, Rochester 18	GR3-2767
NC	Manufacturers Sales Corp	909 Cornwallis Dr, Greensboro, NC	BR4-1401
Ohio	Petrie-Ingram Co	5767 Mayfield Rd, Cleveland 24, Ohio	HI2-5530
Ohio	Petrie-Ingram Co	P.O. Box 194, Dayton, Ohio	CR7-2401
Ohio	Petrie-Ingram Co	198 S Cleveland Ave, Niles	OL2-3060
Ore	Electrical Specialty Co	1022 NW 21st Ave, Portland	CA7-3601
Pa	Petrie-Ingram Co	5767 Mayfield Rd, Cleveland 24, Ohio	HI2-5530
Pa	H S Bancroft	1827 Faunce, Philadelphia, Pa	PI2-9222
RI	Richard Gale	P.O. Box 6, Reading, Mass	RE2-1829
SC	Manufacturers Sales Corp	909 Cornwallis Dr, Greensboro, NC	BR4-1401
Tenn	Herron & Co	15 Cinderella Rd, Lookout Mountain, Tenn	VE1-6783
Utah	Electrical Specialty Co	2026 Arapahoe St, Denver, Colo	CH4-4588
Vt	Richard Gale	P.O. Box 6, Reading, Mass	RE2-1829
Va	Manufacturers Sales Corp	909 Cornwallis Dr, Greensboro, NC	BR4-1401
Wash	Electrical Specialty Co	2406 First Ave, S., Seattle, Wash	MA3-8061
W. Va	Petrie-Ingram Co	5767 Mayfield Rd, Cleveland 24, Ohio	HI2-5530
Wisc	A A Gustafson	Griggs-Midway Bldg, St. Paul 4, Minn	MI4-7630

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Wyo	Electrical Specialty Co	2026 Arapahoe St, Denver, Colo	CH4-4588
Can	Glendon Co Ltd	503 Evans Ave, Toronto, Ont	CL5-5001
•	**STEWART ENGINEERING CO**	**467 Bean Creek Rd, Santa Cruz, Cal**	**GA6-4100**
	735-1135		
	STEWART CORP. F W	**4311-13 N. Ravenswood, Chicago 13, Ill**	**GR2-6600**
	R Thies 25-390-1560		
Cal	F W Stewart Corp	2404 S. Grand Ave, Los Angeles 7, Cal	RI7-0130
	STEWART STAMPING CO	**624 Central Park Ave, Yonkers 4, NY**	**YO5-0016**
	1120		
	STEWART-WARNER ELECTRONICS DIV. STEWART-WARNER CORP	**1300 N. Kostner Ave. Chicago 51, Ill**	**AL2-1000**
	S Kalmowski #50 *1,100 G 635		
Cal	Stewart-Warner Corp	11973 San Vicente Blvd, LA	GR2-6404
DC	Stewart-Warner Corp	1317 F St, NW, Washington 4	NA8-0360
	STICHT CO., INC., HERMAN H	**27 Park Pl, New York 7, NY**	**RE2-8163**
	A Volker *20 D 230-895-1810		
Ala	E A Thornwell Inc	1537 Howell Mill Rd, N.W., Atlanta, Ga	
Alas	James L Kearns Co	6055 NE Glisan St, Portland, Ore	
Cal	T R Rush Co	1004 Calif Dr, Burlingame	
Cal	Charles L Rapp Co	11168 Santa Monica Blvd, L A	
Conn	Dittman & Greer Inc	P.O. Box 780, Middletown, Conn	
Del	Thomas A Closs Co	21 W. Pennsylvania Ave, Towson, Md	
DC	Thomas A Closs Co	21 W. Pennsylvania Ave, Towson, Md	
Fla	Ward Engineering Co	P.O. Box 5545, Miami, Fla	
Ga	E A Thornwell Inc	1537 Howell Mill Rd, N.W., Atlanta, Ga	
Idah	James L Kearns Co	6055 NE Glisan St, Portland, Ore	
Ill	Murphy & Dickey	537 S. Dearborn St, Chicago, Ill	
Ill	C O Leaver Co	4030 Chouteau Ave, St. Louis, Mo	
Ind	Beedle Equipment Co	Roselawn Ctr Bldg, Cincinnati, Ohio	
Iowa	Volco Co	631 S. 8th St, Minneapolis, Minn	
Kan	C O Leaver Co	111 E. Gregory Ave, Kansas City, Mo	
Ky	Beedle Equipment Co	Roselawn Ctr Bldg, Cincinnati, Ohio	
La	W J Keller	1004 Harding Dr, New Orleans, La	
Me	David A Healey	630 Atlantic Ave, Boston, Mass	
Md	Thomas A Closs Co	21 W. Pennsylvania Ave, Towson, Md	
Mass	David A Healey	630 Atlantic Ave, Boston, Mass	
Mich	E B Anderson Co	12810 Puritan Ave, Detroit, Mich	
Minn	Volco Co	631 S. 8th St, Minneapolis, Minn	
Miss	W J Keller	1004 Harding Dr, New Orleans, La	
Mo	C O Leaver Co	4030 Chouteau Ave, St. Louis, Mo	
Mont	James L Kearns Co	6055 NE Glisan St, Portland, Ore	
NH	David A Healey	630 Atlantic Ave, Boston, Mass	
NC	Associated Agents Inc	3408 Rockingham Rd, Greensboro	
ND	Volco Co	631 S. 8th St, Minneapolis, Minn	
Ohio	Martin-Rettger Inc	13965 Shaker Blvd, Cleveland, Ohio	
Ohio	Beedle Equipment Co	Roselawn Ctr Bldg, Cincinnati, Ohio	
Okla	James E Dyer Co	P.O. Box 1236, Tulsa, Okla	
Ore	James L Kearns Co	6055 NE Glisan St, Portland	
Pa	Penn-Del Instrument Sales Co	P.O. Box 4361, Philadelphia, Pa	
Pa	Russell F Clark Co	1404 Clark Bldg, Pittsburgh, Pa	
RI	David A Healey	630 Atlantic Ave, Boston, Mass	
SC	Associated Agents Inc	3408 Rockingham Rd, Greensboro, NC	
SD	Volco Co	631 S. 8th St, Minneapolis, Minn	
Tex	William E Bruce Co	309 Bastrop St, Houston, Tex	
Vt	Carse Electric Co	P.O. Box 4127, Albany, NY	
Wash	James L Kearns Co	6055 NE Glisan St, Portland, Ore	
W. Va	Russell F Clark Co	1404 Clark Bldg, Pittsburgh, Pa	
Wisc	Morris F Jacobs Co	2218 N. 3 St, Milwaukee, Wisc	
	STIEH CHEMICALS INC	**28 Vesey St. New York 7, NY**	**WO4-4265**
	W Stieh *4 1125		
	STIMPSON CO., INC., EDWIN B.	**74 Franklin Ave, Brooklyn 5, NY**	**UL5-3131**
	J Larsen *600 615-770-1075-1780		
	STOCKER & YALE INC	**40 Green St. Marblehead, Mass**	**NE1-0030**
	R Lowe #5 *50 D 675-895-990-1015-1075-1088		
•	**STODDART AIRCRAFT RADIO CO INC**	**6644 Santa Monica Blvd, Hollywood, Cal**	**HO4-9292**
	G Carothers #65 *198 E 50-670-895-1135-1425		
Alas	Rush S Drake Assoc	1817 Norman St, Seattle, Wash	EA3-8545
Ariz	R A Mayes Co	6601-B Montana Ave, El Paso, Tex	TR8-2825
Cal	R W Thompson & Assoc	4135 El Camino Way, Palo Alto	DA1-6383
Idaho	Rush S Drake Associates	P O Box 2126, Idaho Falls	JA3-7990
Mont	Rush S Drake Assoc	P O Box 2126, Idaho Falls, Idaho	JA3-7990
NM	R A Mayes	6601-B Montana Ave, El Paso, Tex	TR8-2825
Ore	Rush S Drake Assoc	1817 Norman St, Seattle, Wash	EA3-8545
Tex	R A Mayes	6601-B Montana Ave, El Paso	TR8-2825
Wash	Rush S Drake Assoc	1817 Norman St, Seattle	EA3-8545
•	**STOKES CORP., F J**	**5500 Tabor Rd, Philadelphia 20, Pa**	**CU9-0100**
	S Greenwood #80 *1,000 G 250-735-895-1075-1375		
Ala	J D Robertson, Inc	3110 Maple Dr NE, Atlanta 5, Ga	237-1536
Alas	Walsh Associates	1138 Poplar Pl, Seattle 44, Wash	EA2-1155
Ariz	F T Hahn	15 N Euclid Ave, Pasadena, Cal	MU1-2376
Ark	S S Helliwell & W E Hemmeman	5875 N Lincoln Ave, Chicago 45, Ill	UP8-4450
Cal	F T Hahn	15 N Euclid Ave, Pasadena	MU1-2376
Colo	S S Helliwell & W E Hemmeman	5875 N Lincoln Ave, Chicago 45, Ill	UP8-4450
Conn	J C Coleman	77 Bedford St, Stamford	DA3-2235
Conn	H C Roman	252 Main St, Portland, Conn	DI6-2001
Fla	J D Robertson, Inc	3110 Maple Dr NE, Atlanta 5, Ga	237-1536
Ga	J D Robertson, Inc	3110 Maple Dr NE, Atlanta 5	237-1536
Idah	S S Helliwell & W E Hemmeman	5875 N Lincoln Ave, Chicago 45, Ill	UP8-4450
Ill	S S Helliwell & W E Hemmeman	5875 N Lincoln Ave, Chicago 45	UP8-4450
Ind	S S Helliwell & W E Hemmeman	5875 N Lincoln Ave, Chicago 45, Ill	UP8-4450

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Iowa	S S Helliwell & W E Henneman	5875 N Lincoln Ave, Chicago 45, Ill	UP8-4450
Kan	S S Helliwell & W E Henneman	5875 N Lincoln Ave, Chicago 45, Ill	UP8-4450
Ky	T Debreceni	3070 Far Hills Ave, Dayton 9, Ohio	AX3-8302
La	J D Robertson, Inc	3110 Maple Dr NE, Atlanta 5, Ga	237-1506
Me	H G Roman	252 Main St, Portland, Conn	DI6-2601
Md	J C Coleman	77 Bedford St, Stamford, Conn	DA3-2335
Mass	J C Coleman	77 Bedford St, Stamford, Conn	DA3-2335
Mich	S S Helliwell & W E Henneman	5875 N Lincoln Ave, Chicago 45, Ill	UP8-4450
Minn	S S Helliwell & W E Henneman	5875 N Lincoln Ave, Chicago 45, Ill	UP8-4450
Miss	J D Robertson, Inc	3110 Maple Dr. NE, Atlanta 5, Ga	237-1506
Mo	S S Helliwell & W E Henneman	5875 N Lincoln Ave, Chicago 45, Ill	UP8-4450
Mont	F T Hahn	15 N Euclid Ave. Pasadena, Cal	MU1-2376
Neb	S S Helliwell & W E Henneman	5875 N Lincoln Ave, Chicago 45, Ill	UP8-4450
Nev	F T Hahn	15 N Euclid Ave. Pasadena, Cal	MU1-2376
NH	H G Roman	252 Main St, Portland, Conn	DI6-2601
NH	J C Coleman	77 Bedford St, Stamford, Conn	DA3-2335
NJ	R H Stalbaum & N Huising	2165 Morris Ave, Union, NJ	MU8-2345
NM	Hainge Co., The	3323 Mercer St, Houston 27, Tex	JA9-2573
NY	R H Stalbaum & N Huising	2165 Morris Ave, Union, NJ	MU8-2345
NC	J D Robertson, Inc	3110 Maple Dr NE, Atlanta 5, Ga	237-1506
ND	S S Helliwell & W E Henneman	5875 N Lincoln Ave, Chicago 45, Ill	UP8-4450
Ohio	J A West, T Debreceni	3070 Far Hills Ave, Dayton 9	AX3-8302
Okla	Hainge Co., The	3423 Mercer St, Houston 27, Tex	JA9-2573
Ore	Walsh Associates	1138 Poplar Pl, Seattle 44, Wash	EA2-1155
RI	H G Roman	252 Main St, Portland, Conn	DI6-2601
RI	J C Coleman	77 Bedford St, Stamford, Conn	DA3-2335
SC	J D Robertson, Inc	3110 Maple Dr NE, Atlanta 5, Ga	237-1506
SD	S S Helliwell & W E Henneman	5875 N Lincoln Ave, Chicago 45, Ill	UP8-4450
Tenn	J D Robertson, Inc	3110 Maple Dr. NE, Atlanta 5, Ga	237-1506
Tex	Hainge Co, The	3323 Mercer St, Houston 27	JA9-2573
Utah	F T Hahn	15 N Euclid Ave, Pasadena, Cal	MU1-2376
Vt	H G Roman	252 Main St, Portland, Conn	DI6-2601
Vt	J C Coleman	77 Bedford St, Stamford, Conn	DA3-2335
Wash	Walsh Associates	1138 Poplar Pl, Seattle 44	EA2-1155
W Va	J A West, T Debreceni	3070 Far Hills Ave, Dayton 9, Ohio	AX3-8302
Wis	S S Helliwell & W E Henneman	5875 N Lincoln Ave, Chicago 45, Ill	UP8-4450
Wyo	S S Helliwell & W E Henneman	5875 N Lincoln Ave, Chicago 45, Ill	UP8-4450
	STONE CITY PRODUCTS CO	**1206 7th St. Bedford, Ind**	**BR5-3373**
	D Rariden A 210-240-355-900-1125		
Ariz	Ruby Sales Corp	Box 511, San Fernando, Cal	EM1-1201
Cal	Ruby Sales Corp	Box 511, San Fernando	EM1-1201
Ill	Jerry Golten Co	2750 W North Ave. Chicago 47	EV4-5959
Ind	Jerry Golten Co	2750 W North Ave. Chicago 47	EV4-5959
Mich	Jerry Golten Co	2750 W North Ave. Chicago 47, Ill	
Nev	Ruby Sales Corp	Box 511, San Fernando, Cal	EM1-1201
Wis	Jerry Golten Co	2750 W North Ave. Chicago 47, Ill	EV4-5959
	STONE LABS INC	**1312 Tremont St, Boston 20, Mass**	
	G Hedden, Jr #5 *7 D 338-340-895		
NY	M Low Inc	44 Fulton St, New York 38, NY	CO7-5460
Pa	Briggs Associates Inc	10 DeKalb St, Norristown, Pa	BR9-0400
	STONE PAPER TUBE CO DIV STONE STRAW CORP	**900 Franklin St, N.E., Washington 17, DC**	**NO7-3100**
	J Holligan #6 *200 120-715-1290-1890		
	STONHARD CO., INC	**401 N. Broad St, Philadelphia 8, Pa**	**WA2-7400**
	315-1240-1545		
Ala	F J Schaffner	1319 Tchoupitoulas St, New Orleans, La	JA5-7181
Ark	F F Ecker		
Cal	H Sneed	1267 N. Vermont Ave, Los Angeles, Cal	NO5-6168
Cal	L Climent	115 New Montgomery St, San Francisco	GA1-5468
Conn	T H Webster	15 Hilcock St, Dorchester, Mass	GE6-8400
DC	E F Starts	2301 N. Charles St, Baltimore, Md	BE5-4161
Ga	W S Denton	151-63 Humphries St, S.W., Atlanta, Ga	MU3-4110
Ill	W Fehty	28 E. Jackson Blvd, Chicago, Ill	WA2-5499
Iowa	G C Stromer	801 S. 15th St, Omaha, Neb	AT1202
La	F J Schaffner	1319 Tchoupitoulas St, New Orleans, La	JA5-7181
Md	E F Starts	2301 N. Charles St, Baltimore, Md	BE5-4161
Mass	T H Webster	15 Hilcock St, Dorchester, Mass	GE6-8400
Mich	G H Van Zyl	W. Fort & Twelfth Sts, Detroit, Mich	WO2-3940
Minn	L T Schwab	453 N. Fairview Ave, St. Paul, Minn	MI4-1122
Miss	F J Schaffner	1319 Tchoupitoulas St, New Orleans, La	JA5-7181
Mo	G F Stecker	3544 Lindell Blvd, St. Louis, Mo	OL2-7675
Neb	G C Stromer	801 S. 15th St, Omaha, Neb	AT1202
NY	H C Nielsen	485 5th Ave, New York, NY	OX7-1975
Ohio	J J Foley	307 E. Fourth St, Cincinnati, Ohio	MA1-9444
Ohio	J J Foley	1678 Norwood Ave, Toledo, Ohio	JO5520
Pa	W S Clark	1301 Clark Bldg, Pittsburgh 22, Pa	CO1-4656
Pa	W S Clark	401 N. Broad St, Philadelphia, Pa	WA2-7400
RI	T H Webster	15 Hilcock St, Dorchester, Mass	GE6-8400
SC	W S Denton	151-63 Humphries St, S.W., Atlanta, Ga	MU3-4110
SD	G C Stromer	801 S. 15th St, Omaha, Neb	AT1202
Tex	E N Davies	3301 Montrose Blvd, Houston, Tex	JA3-1550
Va	H C Arnold	1 N. 6th St, Richmond, Va	MI3-7772
Wash	H D Campbell Co	2 5th Ave, N., Seattle 9, Wash	MA4-3252
W. Va	Rothenhaber & Co	53 Cricket Ave, Ardmore, Pa	MI2-6911
Wisc	E N Taylor	6700 Stony Island Ave, Chicago 49, Ill	FA4-8532
•	**STONITE COIL CORP**	**US Rt. 130, Yardville, NJ**	**JU7-7323**
	G Engel #3 *20 320		
	STONY BROOK LABS, INC	**55 State Rd. Princeton, NJ**	**WA1-6076**
	325-330-338-440-670-895		
	STOW MFG CO	**101 Shear St, Binghamton, NY**	**RA3-6411**
	1560		
NY	G H Kaiser	519 S. Fifth St, Mt. Vernon, NY	4-1111
	STRAND ENGINEERING CO	**7300 Huron River Dr. Dexter, Mich**	**HA6-5111**
	J Strand #11 *60 E 45-200-360-895-1135-1395		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	STRAND LABS, INC	**294 Centre St. Newton 58, Mass**	**WO9-8890**
	C Betson #4 *13 B 895-1135		
Ala	Chad Knowlton Associates	2862 NE 7th St. Pompano Beach, Fla	WH1-3142
Ariz	J E Hachten Co	1135 Huntington Dr. Arcadia, Cal	MU1-2361
Cal	J E Hachten Co	1135 Huntington Dr. Arcadia	MU1-2361
Del	Brimberg Associates, Inc	1843 H St NW, Washington 5, DC	DE2-8000
DC	Brimberg Associates, Inc	1843 H St NW, Washington 5	DE2-8000
Fla	Chad Knowlton Associates	2862 NE 7th St. Pompano Beach	WH1-3142
Ga	Chad Knowlton Associates	2862 NE 7th St. Pompano Beach, Fla	WH1-3142
Ind	H G Pretat, Inc	4 N Cicero Ave. Chicago 44, Ill	CO1-3146
Md	Brimberg Associates, Inc	1343 H St NW, Washington 5, DC	DE2-8000
NJ	Salsbury Associates, Inc	87 Broadway, Hicksville, NY	WE8-1080
NJ	Lewis Stubin & Co	2305 Fairmount Ave, Philadelphia, Pa	CE6-2072
NM	J E Hachten Co	1135 Huntington Dr. Arcadia, Cal	MU1-2361
NY	D B Associates, Inc	P O Box 284, DeWitt 14	GI6-0220
NC	Southeastern Sales Co	P O Box 4103, Winston Salem	PA4-1888
Ohio	M P O'Dell Co	26614 Center Ridge Rd, Westlake, Ohio	
Ore	J K Dooley, Inc	3215 Western Ave. Seattle 1, Wash	AT4-8313
SC	Southeastern Sales Co	P O Box 4103, Winston Salem, NC	PA4-1888
Tenn	Southeastern Sales Co	P O Box 4103, Winston Salem, NC	PA4-1888
Va	Brimberg Associates, Inc	1343 H St NW, Washington 5, DC	DE2-8000
Wash	J K Dooley, Inc	3215 Western Ave. Seattle 1	AT4-8313
Wis	H G Pretat, Inc	4 N Cicero Ave. Chicago 44, Ill	CO1-3145
Can	Tech Associates	23 St Thomas St. Toronto 5, Ont	WA3-8466
Foreign	Dage Corp	219 E. 44th St, New York, NY	MU2-6755
	STRANDBERG ENGR. LABS. INC	**225 Summit Ave. Greensboro, NC**	**BR4-0121**
	C Strandberg, Jr #2 *24 C 360-895		
Ga	Carl B Pederson	34 11th St. NE, Atlanta 9	TR5-3838
Mass	Textile Parts Inc	24 School St. Taunton	VA4-4421
NJ	Texstyle Eng. Co	87 Merrison St. Teaneck	
SC	F Neal Houston	Box 5161, Sta. B, Greenville	CH4-3249
Tex	John C Long	Box 4871, Greenville Ave. Sta. Dallas	
For	Hubert H Robbins	Box 1523, Atlanta 1, Ga	
	STRATOCON CORP	**Box 10, Morristown, NJ**	**JE8-9100**
	A Helms #4 *40 C 35-320-370-585-1150-1215		
	STRAT-O-SEAL MFG CO	**3039 W. Fullerton Ave, Chicago 47, Ill**	**HU9-1282**
	E Murphy #2 *9 A 905-1545-1780		
Cal	Melvin & Co	3913 E. Colorado Blvd, Pasadena, Cal	RY1-4591
NJ	W E Girard Co	715 Fairfield Rd, Glenside, Pa	TU7-4411
Pa	W E Girard Co	715 Fairfield Rd, Glenside, Pa	TU7-4411
Canada	Crohel Ltd	790 E. Blvd, Charest, Quebec 2, Canada	4-5701
	STRAZA INDUSTRIES	**790 Greenfield Dr. El Cajon, Cal**	**HI2-3451**
	F Hardacre #15 *44 C 35-50-275-325-338-360-365-475-500-565-895-915-1150-1340-1455-1585-1655		
Cal	Hafstrom & Thompson Assoc	7460 Girard St. LaJolla	
	STREETER-AMET CO	**Grayslake, Ill**	**BA3-4801**
	#20 *175 E 338-360-895		
Ala	A L Bell	337 First Ave, Birmingham, Ala	FA4-2459
Cal	R A Voll	14 El Paseo, Mill Valley	DU8-3292
Cal	J F Robillard	10356 W Pico Blvd. Los Angeles	BR2-3723
Mich	Jack Lowry	19457 James Couzens Hwy, Detroit, Mich	BR3-3110
NY	J R Shepley	13 Lincoln Rd. Buffalo	TF9-1684
Pa	J H Miner	297 Castle Shannon Blvd, Pittsburgh	LO1-2733
Pa	W R Daniels	129 N 8th St. Allentown	HE2-4371
	STREMPEL INSTRUMENT CORP	**Rd 1, Lake George, NY**	**RX2-8098**
	M Bronson #1 *10 A 338-360-895-1075-1810		
	STROBLITE CO. INC	**77 W 45th St. New York 36, NY**	**CI5-7911**
	R Anderson #1 *5 A 265-990		
	STRUTHERS-DUNN INC	**Lambs Rd, Pitman, NJ**	**LU9-7500**
	#17 *450 E 1460		
Cal	A W Nash Co	2112 S. Atlantic Blvd, Los Angeles	AN9-7304
Cal	Erickson & Melchior	932 Terminal Way, San Carlos	LY1-7303
Colo	Vinson Assoc	3600 S Lincoln, Englewood	SU9-2851
Fla	C Small	Box 1366, Orlando	CH1-4522
Ga	E A Thornwell Inc	Box 19566, Sta. N, Atlanta 25	TR5-7695
Ill	Struthers-Dunn Inc	1167 Wilmette Ave, Wilmette, Ill	AL1-5722
Kan	C P Lehr Co	2305 Grand Ave, Kansas City 8, Mo	HA1-6624
Mass	Electrical Apparatus Co., Inc	1200 Soldiers Field Rd, Boston, Mass	ST2-7440
Mich	C Adams Inc	1736 W. 8 Mile Rd. Southfield	KE8-2100
Mo	C P Lehr Co	1130 S. Brentwood Blvd, St. Louis 17, Mo	PA5-9794
NJ	George Moller	P. O. Box 24, Haddonfield, NJ	HA8-2440
NJ	Kahant Assoc	60 Park Pl. Newark	MI2-3930
NY	Kahant Assoc	60 Park Pl. Newark, NJ	MI2-3930
NY	H Zang	99 Crestwood Blvd. Buffalo	TR7-3677
NY	Langguth Olsen Co	37 Murray St. New York 7, NY	BA7-7293
NC	J Rudisill Assoc	2009 N. Tryon St. Charlotte 6	FR6-4792
Ohio	Beedle Equipment Co	375 W. First St, Dayton, Ohio	BA3-6522
Ohio	Beedle Equipment Co	Rosslawn Ct Bldg, Cincinnati 39, Ohio	JE1-2540
Ohio	J L Finnican & Associates	4500 Euclid Ave, Cleveland 3, Ohio	HE1-7477
Pa	Russell F Clark Co	1405 Clark Bldg, Pittsburgh 22, Pa	AT1-0000
Tex	J Y Schoonmaker Co	Redfield 5326, Box 35766, Dallas 35	LA6-7236
Wash	Eicher & Co	5 W. Harrison St, Seattle 99, Wash	AT4-1811
Can	Struthers-Dunn Relay Div	349 Carlaw Ave. Toronto 8, Ontario	HO1-3511
	STUECK INC., W WHITNEY	**Box 355EG, Old Saybrook, Conn**	**EV8-9309**
	W Stueck #1 *19 B 1075		
	STURRUP INC	**50 Silver St, Middletown, Conn**	**DI6-9681**
	A Sturrup, Jr #3 *50 C 320-450-895-910-1370		
	STURTEVANT CO., P A	**Addison, Ill**	**TE4-2000**
	L Sturtevant #4 *65 D 895		
Foreign	Exportadora Inc of Ill	118 W. Randolph, Chicago, Ill	FR2-3669
Canada	Monahan Supply Corp Ltd	189-191 Queen St, E., Toronto 2, Ontario, Canada	
Cal	Dillon Stevens & Co	1348 Venice Blvd, Los Angeles 6, Cal	RI7-9221

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Colo	C F L Co	1071 S. Broadway, Denver 10, Colo	SP7-4381
Conn	R W Secor	66 Brightwood Ln, West Hartford, Conn	AD2-7981
Fla	Joseph W George	P O. Box 425, Pinellas Park, Fla	
Ill	Elmer H Uhlmann	5216 W. Winona, Chicago 30, Ill	TE4-2000
Ind	R H Thompson	333 N. Pennsylvania Ave, Indpls 4, Ind	ME5-9393
Iowa	Don E Williams Co	5402 4th Ave, Moline, Ill	WO4-2467
Md	Metal Alloys Agents Inc	318 Mathieson Bldg. Baltimore 2, Md	LE9-0706
Mich	Hodgson-Geisler Co	18817 James Couzens, Detroit 35, Mich	DI1-2580
Mo	Louis A Hoppe	8114 Rosalie, St. Louis 17, Mo	MI7-3420
Mo	Arnold G Holtan	6211 Oak St, Kansas 13, Mo	JA3-4883
NY	A E Fredenberg	639 E. Warren St, Syracuse, NY	HA2-4628
NC	Crotts & Saunders Engineering Inc	205 N. Main St, Winston-Salem, NC	PA4-0063
Ohio	Industrial Distributors Inc	3136 W. 25th St, Cleveland 9, Ohio	SH9-0900
Okla	W A Bradley	5001 N. Miller Blvd, Oklahoma City, Okla	WI3-5865
Pa	Metal-Alloys Inc	2414 N. 9th St, Philadelphia 33, Pa	ST2-4202
Canada	Eric Singer	345 W. 13th Ave, Vancouver 10, B. C., Canada	
	SUBMINIATURE INSTRUMENTS CORP	**3236 Kansas Ave. Riverside, Cal**	**OV4-7133**
	J Shee #3 *25 330-1135-1330-1735-1850		
Ala	Sub Instruments Corp	3405 Lookout Dr, Huntsville, Ala	JE6-8333
Ala	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	
Ala	W A Brown & Assoc Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Ariz	Malcolm Ross & Co	1623 La Cienega Blvd, L A 35, Cal	BR2-3103
Ark	N S Brown Assoc	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Cal	Malcolm Ross & Co	1623 S. LaCienega Blvd, Los Angeles	BR2-3103
Colo	Electronics Mechanical Sales Co	1504 Vine St, Denver	EA2-5945
Conn	V J Huntoon Co	908 Belmont Ave, Springfield 8, Mass	ST8-8516
Del	Stemler Assoc & Co Inc	25 W Pennsylvania Ave. Towson 4, Md	VA8-8853
DC	Stemler Assoc & Co Inc	25 W Pennsylvania Ave. Towson 4, Md	VA8-8853
Fla	W A Brown & Assoc Inc	201 Capron Rd. Indian River City	AM7-0411
Fla	Sub Instruments Corp	711 Magnolia, Orlando, Fla	GA5-5682
Ga	W A Brown & Assoc Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Idaho	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	ME3-3160
Ill	Jerry Golten Co	2750 W North Ave. Chicago 47	EV4-5959
Ill	Gordon Fixman Engineering Co	6160 Stanford Ave, St. Louis, Mo	PA5-5219
Ind	Jerry Golten Co	2750 W North Ave. Chicago 47, Ill	EV4-5959
Iowa	Manufacturer's Sales Co	6301 Wayzata Blvd. Mpls 16, Minn	LI5-1223
Kan	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30, Tex	EM3-3698
Kan	Gordon Fixman Engineering Co	6160 Stanford Ave, St. Louis 30, Mo	PA5-5219
Ky	W A Brown Assoc Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Me	V J Huntoon Co	908 Belmont Ave, Springfield 8, Mass	ST8-8516
Md	Stemler Assoc & Co Inc	25 W Pennsylvania Ave. Towson 4	VA8-8853
Mass	V J Huntoon Co	908 Belmont Ave, Springfield 8, Mass	ST8-8516
Mich	Midwest Sales Co	3219 W 117th St. Cleveland 11, Ohio	WI1-2700
Minn	Manufacturer's Sales Co	6301 Wayzata Blvd. Mpls 16	LI5-1223
Miss	W A Brown & Assoc Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Mo	Gordon Fixman Engineering Co	6160 Stanford Ave, St. Louis 30, Mo	PA5-5219
Nev	Electromeasures Inc	908 Cowper St. Palo Alto, Cal	DA1-0779
NH	V J Huntoon Co	908 Belmont Ave, Springfield 8, Mass	ST8-8516
NJ	Stemler Assoc & Co Inc	17 Birchwood Rd. Hawthorne	SW1-1744
NJ	Stemler Associates & Co	P. O. Box 35, Moorestown, NJ	NO2-1313
NM	Aztec Enterprises	525 San Pedro NE, Albuquerque	AM8-5421
NY	Bressler Associates	4808 Bergenline Ave, Union City, NJ	UN4-8577
NC	Stemler Assoc & Co Inc	25 W Pennsylvania Ave. Towson 4, Md	VA8-8853
Okla	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30, Tex	EM3-3698
Ore	Don Smith Sales Co	2320 N 45th St. Seattle 3, Wash	ME3-3160
Ore	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	ME3-3160
Pa	Stemler Assoc & Co Inc	25 W Pennsylvania Ave. Towson 4, Md	VA8-8853
RI	V J Huntoon Co	908 Belmont Ave, Springfield 8, Mass	ST8-8516
SC	W A Brown & Assoc Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Tenn	W A Brown & Assoc Inc	201 Capron Rd. Indian River City, Fla	AM7-0411
Tex	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30	EM3-3698
Utah	Electronics Mechanical Sales Co	1504 Vine St. Denver, Colo	EA2-5945
Vt	V J Huntoon Co	908 Belmont Ave, Springfield 8, Mass	ST8-8516
Va	Stemler Assoc & Co Inc	25 W Pennsylvania Ave. Towson 4, Md	VA8-8853
Wash	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	ME3-3160
Wis	Manufacturer's Sales Co	6301 Wayzata Blvd. Mpls 16, Minn	LI5-1223
	SUFLEX CORP	**33-40 57th St. Woodside 77, NY**	**NE9-5530**
	J Goetz *150 E 1290-1885-1890		
Ariz	Tri-State Supply Corp	544 S San Pedro St. LA 13, Cal	MA8-2354
Ark	White Supply Co	4343-4347 Duncan Ave. St Louis 10, Mo	FR1-2616
Cal	Tri-State Supply Corp	544 S San Pedro St. LA 13	MA8-2054
Cal	Tri-State Supply Corp	554 Bryant St. SF 7	EX2-8890
Colo	Tri-State Supply Corp	554 Bryant St. SF 7, Cal	EX2-8890
Conn	Punt Inc	Box 178, Floral Park, NY	FL2-1742
Del	Earl B Beach Co	500 E Broadway Ave. Clifton Heights, Pa	MA6-7000
DC	Earl B Beach Co	590 E Broadway Ave. Clifton Hts, Pa	MA6-7000
Fla	Electrical Insulation Suppliers	500 Means St. NW, Atlanta 18, Ga	JA5-2707
Ga	Electrical Insulation Suppliers Inc	500 Means St. NW, Atlanta 18	JA5-2707
Ill	Insulation Manufacturers Corp	656 W Washington Blvd. Chicago 6	CE6-7320
Ind	Insulation Manufacturers Corp	656 W Washington Blvd. Chicago 6, Ill	CE6-7320
Me	Huse Liberty Mica Co., The	Lynnfield St. Peabody, Mass	JE1-7100
Md	Earl B Beach Co	500 E Broadway Ave. Clifton Hts, Pa	MA6-7000
Mass	Huse Liberty Mica Co, The	Lynnfield St. Peabody	JE1-7100
Mich	Insulation Manufacturers Corp	7430 2nd Blvd. Detroit 2	TR5-3103
Mo	White Supply Co	4343-4347 Duncan Ave. St Louis 10	FR1-2616
NH	Huse Liberty Mica Co, The	Lynnfield St. Peabody, Mass	JE1-7100
NJ	Robert McKeown Co Inc, The	99 Dorsa Ave, Livingston	WY2-0700
NY	Punt Inc	Box 178, Floral Park	FL2-1742
Ohio	Insulation Manufacturers Corp	1231 Superior Ave. NE, Cleveland 14	SU1-2310
Okla	Butts Electric Supply Co	101 N Pennsylvania, Oklahoma City 4	CE6-3011
Ore	Tri-State Supply Corp	325 Westlake Ave. N, Seattle 9, Wash	MA2-4161
Pa	Earl B Beach Co	500 Means St. NW, Clifton Hts	MA6-7000
Pa	Insulation Manufacturers Corp	Mellon Square, Pittsburgh 22	GR1-7100
RI	Huse-Liberty Mica Co., The	Lynnfield St. Peabody, Mass	JE1-7100
SC	Electrical Insulation Suppliers Inc	500 Means St. NW, Atlanta 18, Ga	JA5-2707
Tex	Summers Electric Co	1502 S Good Latimer Expwy. Dallas 10	HA8-1502
Vt	Huse-Liberty Mica Co, The	Lynnfield St. Peabody, Mass	JE1-7100
Va	Earl B Beach Co	500 E Broadway Ave. Clifton Hts, Pa	MA6-7000
Wash	Tri-State Supply Corp	325 Westlake Ave. N, Seattle 9	MA2-4161
W Va	Earl B Beach Co	500 Means St. NW, Atlanta 18, Ga	JA5-2707
For	Lionel Essex Inter America Inc	15 E 26th St. NY 10, NY	MU5-1306

• INDICATES ADVERTISERS IN THIS ISSUE

FOR EXPLANATION OF SYMBOLS # * A 15 SEE PG. M

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	SUMMERS GYROSCOPE CO	**2500 Broadway, Santa Monica, Cal**	**EX3-6711**
	E Ford #76 *573 F 20-35-780-895-1165-1745		
Ala	E C Raymond & Assoc	Box 8215, St Petersburg, Fla	WA1-9735
Alas	Don H Burcham Co	422 1st Ave, W, Seattle, Wash	AT4-7297
Ariz	Shaffer Kahn Co	Box 1587, Phoenix	AL8-7893
Ark	Southern Industrial Electronics, Inc	518 Braniff Bldg, Dallas 35, Tex	FL2-3901
Colo	Brown Technical & Assoc Sales	1315 Yarrow, Lakewood 26	BE7-3467
Conn	Palisca, Inc	1787 Massachusetts Ave, Lexington, Mass	VO2-7224
DC	Summers Gyroscope Co	5805 Wiltshire Dr, Washington 16	OL6-8217
Fla	E C Raymond & Assoc	Box 8215, Madiera Beach, St Petersburg	WA1-9735
Ga	E C Raymond & Assoc	Box 8215, St Petersburg, Fla	WA1-9735
Haw	Don H Burcham Co	422 1st Ave, W, Seattle, Wash	AT4-7297
Ill	D Dolin Sales Co	3553 W Peterson Ave, Chicago	JU8-3738
Ind	D Dolin Sales Co	3553 W Peterson Ave, Chicago, Ill	JU8-3738
Iowa	D Dolin Sales Co	3553 W Peterson Ave, Chicago, Ill	JU8-3738
Kan	Southern Ind Electronics, Inc	518 Braniff Bldg, Dallas 35, Tex	FL2-3901
La	Southern Ind Electronics, Inc	518 Braniff Bldg, Dallas 35, Tex	FL2-3901
Me	Palisca, Inc	1787 Massachusetts Ave, Lexington, Mass	VO2-7224
Md	F D Mercy Assoc	19 E 21st St, Baltimore	BE5-2755
Mass	Palisca, Inc	1787 Massachusetts Ave, Lexington	VO2-7224
Minn	D Dolin Sales Co	3553 W Peterson Ave, Chicago, Ill	JU8-3738
Mo	Southern Industrial Electronics, Inc	518 Braniff Bldg, Dallas 35, Tex	FL2-3901
NH	Palisca, Inc	1787 Massachusetts Ave, Lexington, Mass	VO2-7224
NJ	Paul D Aaron Assoc	Professional Bldg, Port Washington, NY	PO7-8480
NM	Shaffer Kahn Co	Box 1587, Phoenix, Ariz	AL8-7893
NY	Paul D Aaron Assoc	Professional Bldg, Port Washington	PO7-8480
NC	E C Raymond & Assoc	Box 8215, St Petersburg, Fla	WA1-9735
Ohio	Summers Gyroscope Co	330 W 1st St, Dayton 2	BA4-5772
Okla	Southern Industrial Electronics, Inc	518 Braniff Bldg, Dallas 35, Tex	FL2-3901
Ore	Don H Burcham Co	422 1st Ave, W, Seattle, Wash	AT4-7297
Pa	F D Mercy Assoc	19 E 21st St, Baltimore, Md	BE5-2755
RI	Palisca, Inc	1787 Massachusetts Ave, Lexington, Mass	VO2-7224
SC	E C Raymond & Assoc	Box 8215, St Petersburg, Fla	WA1-9735
Tex	Southern Industrial Electronics, Inc	518 Braniff Bldg, Dallas 35, Tex	FL2-3901
Utah	Brown Technical & Assoc Sales	1315 Yarrow, Lakewood 26, Colo	BE7-3467
Va	Palisca, Inc	1787 Massachusetts Ave, Lexington, Mass	VO2-7224
Wash	Don H Burcham Co	422 1st Ave, W, Seattle	AT4-7297
Wis	D Dolin Sales Co	3553 W Peterson Ave, Chicago, Ill	JU8-3738
Wyo	Brown Technical & Assoc Sales	1315 Yarrow, Lakewood 26, Colo	BE7-3467
	SUMMERS & MILLS INC	**911 W. Commerce, Dallas 8, Tex**	**RI1-4246**
	W Forsman #3 *10 A 895-1455-1850-1915		
	SUMMIT COIL CO	**4 Claremont Rd, Bernardsville, NJ**	**BE8-0744**
	E Altenberger #1 *15 B 320-880		
NJ	A L Livera & Associates	4 Green Village Rd, Madison, NJ	
NY	A L Livera & Associates	4 Green Village Rd, Madison, NJ	
	SUMMIT ELECTRONICS INC	**7 Industrial Pl, Summit, NJ**	**CR7-0584**
	45-255-340-710-895-1045-1135-1330-1525		
	SUMMIT INDUSTRIES INC	**2114 W. Rosecrans Ave, Gardena, Cal**	**FA1-3212**
	135-520-675-860-865-1125-1135-1220-1240-1290-1305		
	SUN CAPACITORS	**2552 Lawrence, Chicago, Ill**	
	SUN DIAL CORP	**E. Passaic Ave, Caldwell, NJ**	**CA6-4334**
	895-1245		
Mass	Gilbert L Wade	P O Box 229, Byfield, Mass	HO5-3115
	SUN ELECTRIC CORP	**6323 Avondale Ave, Chicago 31, Ill**	**NE1-6900**
	R Polson D 35-338-360-895-955-1135-1245		
Ala	Astro Tech	912 Bob Wallace Ave, SW Huntsville	JE9-7981
Ariz	Hyde Electronics Co	2802 W Villa St, Phoenix	AP8-2246
Ark	W F Klingberg Co	Box 3113, Houston 1	RI7-3868
Cal	Chalfin-Tipton & Assoc	3270 Rosecrans St, San Diego 10	AC2-0408
Cal	Rush & Kay Electronics Inc	3376 W. 1st St, LA 4	DU8-7111
Cal	Dewey Electronics Inc	1375 Laurel St, San Carlos	LY1-4423
Colo	Hyde Electronics Co	888 S. Lipan St, Denver 23	WE6-3456
Conn	White Sales Co, Inc	Box 122, Berlin	
Del	Keefe Electronic Sales Co	228 E. Kings Hwy, Haddonfield, NJ	HA9-4650
DC	Keefe Electronics Sales Co	228 E. Kings Hwy, Haddonfield, NJ	HA9-4650
Fla	Gearhart Co	2513 Carolina Dr, Orlando	GA2-8024
Fla	Astro Tech	912 Bob Wallace Ave, SW Huntsville, Ala	JE9-7981
Ga	Gearhart Co	Gearhart Bldg, Atlanta 19	CE3-4431
Idaho	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Idaho	J K Dooley Co, Inc	3215 Western Ave, Seattle 1, Wash	AT4-8313
Ill	Hill & Gray Inc	921 Garfield, Oak Park	ES8-7080
Ind	Satullo Co	4514 N. Woodward, Royal Oak, Mich	LI9-3910
Iowa	D H Heusser Co	607 E. Willow, Wheaton, Ill	MO8-2312
Ky	Satullo Co	195 W. Ohio Pike, Cinc 45, Ohio	
La	W F Klingberg Co	1301 Castle St, Dallas, Tex	RI2-2515
Me	White Sales Co, Inc	945 Great Plain Ave, Needham 92, Mass	HI4-3676
Md	Keefe Electronics Sales Co	228 E. Kings Hwy, Haddonfield, NJ	HA9-4650
Mass	White Sales Co, Inc	945 Great Plain Ave, Needham 92, Mass	HI4-3676
Mich	Satullo Co	4514 N. Woodward, Royal Oak	LI9-3910
Minn	Fred B Hill Co	6110 Excelsior Blvd, Mpls 16	WE9-6727
Miss	Astro Tech	912 Bob Wallace Ave, SW Huntsville, Ala	JE9-7981
Mont	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
NH	White Sales Co, Inc	945 Great Plain Ave, Needham 92, Mass	HI4-3676
NJ	Dorn Assoc, Inc	57 New St, Metuchen	
NJ	Keefe Electronics Sales Co	228 E. Kings Hwy, Haddonfield, NJ	HA9-4650
NM	Hyde Electronics Co	5208 Constitution Ave, NE Albuquerque	AM5-1111
NY	Dorn Assoc, Inc	57 New St, Metuchen, NJ	
NC	Gearhart Co	Gearhart Bldg, Atlanta 19, Ga	CE3-4431
ND	Fred B Hill Co	6110 Excelsior Blvd, Mpls 16	WE9-6727
Ohio	Satullo Co	16601 Euclid Ave, Cleve 12	IV6-2800
Okla	W F Klingberg Co	Box 3113, Houston 1, Tex	RI7-3868
Ore	J K Dooley Co, Inc	3215 Western Ave, Seattle 1, Wash	AT4-8313
Pa	Keefe Electronic Sales Co	228 E. Kings Hwy, Haddonfield, NJ	HA9-4650
Pa	Satullo Co	992 Penny Hwy, Pittsburgh 37	WE1-5290
RI	White Sales Co, Inc	945 Great Plain Ave, Needham 92, Mass	HI4-3676
SC	Gearhart Co	Gearhart Bldg, Atlanta 19, Ga	CE3-4431
SD	Fred B Hill Co	6110 Excelsior Blvd, Mpls 16, Minn	WE9-6727
Tenn	Astro Tech	912 Bob Wallace Ave, SW Huntsville, Ala	JE9-7981
Tex	W F Klingberg Co	Box 3113, Houston 1	RI7-3868
Utah	Hyde Electronics Co	2800 Cornell St, Salt Lake City 9	[illegible]
Vt	White Sales Co, Inc	945 Great Plain Ave, Needham 92, Mass	HI4-3676
Va	Keefe Electronic Sales Co	228 E. Kings Hwy, Haddonfield, NJ	HA9-4650
Wash	J K Dooley Co, Inc	3215 Western Ave, Seattle 1	AT4-8313
W Va	Satullo Co	992 Penny Hwy, Pittsburgh 37, Pa	WE1-5290
Wis	S C Gooding	714 S. Hi Lusi, Mt. Prospect, Ill	
Wyo	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
	SUNBEAM EQUIPMENT CORP	**174 Mercer St, Meadville, Pa**	**6-1131**
	J Smith #20 *150 E 575-735		
	SUNSHINE SCIENTIFIC INSTRUMENT	**1810 Grant Ave, Philadelphia 15, Pa**	**OR3-5600**
	E Sunshine #4 *30 C D 195-338-360-895-1100-1240-1595-1810		
For	International General Electric Co	New York, NY	
	SUPEREX ELECTRONICS CORP	**4-6 Radford Pl, Yonkers, NY**	**YO5-6906**
	M Bucholter #4 *40 D 45-120-220-265-320-345-380-385-555-670-715-805-925-955-1425-1845		
Cal	E W Brandt Co	1102 Folsom St, San Francisco 3	HE1-7710
Cal	Al L Rossi	8417 E. Las Tunas Dr, San Gabriel, Cal	CU3-7614
Colo	Vines & Co	P O Box 1025, Denver 1, Colo	TA5-4471
Del	Ferrell S Carmine Co	14 Knickerbocker Dr, Newark	EN8-7063
Ill	Edward N Severson	11435 Circle Dr, LeGrange	
Ind	Central Electronic Sales Co	19000 Fairport, Detroit 5, Mich	LA6-5841
Kan	Penzner Sales Co	8110 W 92nd St, Overland Park	NI8-4365
Mass	Albert N Reinholz	45 Chestnut Hill Ave, Brighton 35	ST2-6422
Mich	Central Electronic Sales Co	19000 Fairport, Detroit 5, Mich	LA6-5841
Miss	L R Missey Co	304 E. Jefferson St, Greenwood, Miss	GL3-[illegible]
NY	William M Ferguson	117 Fayette St, Manlius	OV2-9301
Ohio	Walter J Brauer & Associates	15631 Lakewood Hgts Blvd, Cleveland 7	LA1-72[illegible]
Ore	Roger M Minthorne Co	0673 S.W. Taylor Ferry Rd, Portland 19	CH6-4556
Pa	Samuel A Jeffries	125 Forrest Ave, Narberth	MO4-8500
Tex	W R Retzloff Co	838 Stevens Ave, San Antonio 6, Tex	LE3-7639
	SUPERIOR CABLE CORP	**Box 408-A, Hickory, NC**	**DI5-4161**
	J Glenn #14 *257 F 190-1960		
Ala	Maitland K Smith Co	2805-1/2 Cahaba Rd, Birmingham 13	
Ariz	Ruby Sales Co	P O Box 511, San Fernando, Cal	EM1-1201
Cal	Ruby Sales Corp	P O Box 511, San Fernando	EM1-1201
Conn	Electrical Manufacturers Service	265 Church St, New Haven 10	IN5-9104
Fla	Ben Farmer	117 N Keystone, Clearwater	34-4494
Fla	John F Thompson	322 Riverside Dr, Ormond Beach	OR7-2298
Ga	Maitland K Smith Co	208 14th St, NW, Atlanta	TR5-8[illegible]
Ga	Ken Roell	2711 Pineland, Danville	GL7-3216
Ill	R D Catellier, Inc	4900 W Fullerton Ave, Chicago	BE7-6460
Ind	Harrison Blind	5762 Cadillac Dr, Indianapolis 24	CH4-0191
Iowa	Robert L Hinzlie Co	1401 Fairfax Trafficway, K C 15, Kan	
Kan	Robert L Hinzlie Co	1401 Fairfax Trafficway, Kansas City 15	
Ky	Harrison J Blind	5762 Cadillac Dr, Indianapolis 24, Ind	CH4-0191
La	J Earl Smith Co	P O Box 35331, Airlawn Sta, Dallas, Tex	FL7-1727
Md	Electrical Manufacturers Service	318 Matheson Bldg, Baltimore 2	LE9-2131
Mass	Electrical Manufacturers Service	P O Box 383, Waltham 54	TW3-0100
Mo	Robert L Hinzlie Co	1401 Fairfax Trafficway, K C 15, Kan	
NJ	Electrical Manufacturers Service	P O Box 207, Nutley 10	NO7-2541
NJ	Electrical Manufacturers Service	701 S Broadway, Camden	WO4-4014
NY	Electrical Manufacturers Service	1801 James St, Syracuse 6	HO3-[illegible]
NY	Electrical Manufacturers Service	125 Hillside Ave, Williston Park	PI2-1616
NC	James H Clymer, Jr	P O Box 8401, Charlotte	FR6-5951
Okla	J Earl Smith Co	P O Box 35331, Airlawn Sta, Dallas, Tex	FL7-1727
Tex	J Earl Smith Co	P O Box 35331, Airlawn Sta, Dallas	FL7-1727
	SUPERIOR CARBON PRODUCTS CO	**9115 George Ave, Cleveland 5, Ohio**	**VU3-4800**
	160-355-1120-1125-1290-1625		
Cal	Joseph Costello	535 Middlefield Rd, Palo Alto, Cal	DA1-3745
Ind	G Crepp	7756 Beech Ave, Hammond, Ind	TI4-6204
NH	L Jayne	Cross St, Amherst, NH	HI[illegible]
NY	Al Schmitz	620 Case Bldg, Rochester 4, NY	HA5-3090
	SUPERIOR ELECTRIC CO., THE	**383 Middle St. Bristol, Conn**	**LU2-9561**
	J Lowden G 345-360-365-500-895-1165-1315-1325-1340-1455-1855		
Ala	Superior Electric Co	DuPont Plaza, Miami 32, Fla	FR4-4103
Ariz	Superior Electric Co	14603 Titus St, Van Nuys, Cal	ST6-3525
Ark	Superior Electric Co., The	174 Meadows Bldg, Dallas 6, Tex	EM8-4880
Cal	Superior Electric Co., The	2981 El Camino Real, Redwood City	EM9-8000
Cal	Superior Electric Co	14603 Titus St, Van Nuys, Cal	ST6-3525
Colo	Superior Electric Co	14603 Titus St, Van Nuys, Cal	ST6-3525
Del	Superior Electric Co	Ft. Wash Indl Park, Ft. Washington, Pa	CH6-4778
DC	Superior Electric Co., The	425 13th St, NW, Washington 4	ST3-6774
Fla	Superior Electric Co	DuPont Plaza, Miami 32, Fla	FR4-4103
Ga	Superior Electric Co	DuPont Plaza, Miami 32, Fla	FR4-4103
Idaho	Superior Electric Co	830 Third Ave, Seattle 4, Wash	MU2-1323
Ill	Superior Electric Co., The	6328 W Roosevelt Rd, Oak Park	EU3-5430
Ind	Superior Electric Co., The	6328 W Roosevelt Rd, Oak Park, Ill	EU3-5430
Iowa	Superior Electric Co., The	6328 W Roosevelt Rd, Oak Park, Ill	EU3-5430
Kan	Superior Electric Co., The	6328 W Roosevelt Rd, Oak Park, Ill	EU3-5430
Kan	Superior Electric Co	731 South Blvd, Oak Park, Ill	EU3-5430
Ky	Superior Electric Co	101 Public Square, Medina, Ohio	PA3-1515
La	Superior Electric Co	174 Meadows Bldg, Dallas 6, Tex	EM3-1679
La	Superior Electric Co., The	174 Meadows Bldg, Dallas 6, Tex	EM8-4880
Me	Superior Electric Co	6 Abbott Rd, Wellesley Hills, Mass	CE7-0750
Md	Superior Electric Co., The	425 13th St, NW, Washington 4, DC	ST3-6774
Mass	Superior Electric Co	6 Abbott Rd, Wellesley Hills, Mass	CE7-0750
Mich	Superior Electric Co	13530 Michigan Ave, Dearborn	LU2-5075
Minn	Superior Electric Co., The	6328 W Roosevelt Rd, Oak Park, Ill	EU3-5430
Miss	Superior Electric Co	DuPont Plaza, Miami 32, Fla	FR4-4103
Mo	Superior Electric Co., The	6328 W Roosevelt Rd, Oak Park, Ill	EU3-5430
Mont	Superior Electric Co	830 Third Ave, Seattle 4, Wash	MU2-1323
Neb	Superior Electric Co., The	6328 W Roosevelt Rd, Oak Park, Ill	EU3-5430
Nev	Superior Electric Co	14603 Titus St, Van Nuys, Cal	ST6-3525
NH	Superior Electric Co	6 Abbott Rd, Wellesley Hills, Mass	CE7-0750
NJ	Superior Electric Co	250 Park Ave, New York 17, NY	YU6-7930
NM	Superior Electric Co	14603 Titus St, Van Nuys, Cal	ST6-3525
NY	Superior Electric Co	250 Park Ave, New York 17, NY	YU6-7930
NC	Superior Electric Co	DuPont Plaza, Miami 32, Fla	FR4-4103
Ohio	Superior Electric Co	101 Public Square, Medina, Ohio	PA3-1515
Okla	Superior Electric Co., The	174 Meadows Bldg, Dallas 6, Tex	EM8-4880
Ore	Superior Electric Co	830 Third Ave, Seattle 4, Wash	MU2-1323
Pa	Superior Electric Co	Ft. Wash Indl Park, Ft. Washington, Pa	CH6-4778
RI	Superior Electric Co	6 Abbott Rd, Wellesley Hills, Mass	CE7-0750
SC	Superior Electric Co	DuPont Plaza, Miami 32, Fla	FR4-4103
SD	Superior Electric Co., The	6328 W Roosevelt Rd, Oak Park, Ill	EU3-5430
Tenn	Superior Electric Co., The	101 Public Sq, Medina, Ohio	PA3-1515
Tex	Superior Electric Co	174 Meadows Bldg, Dallas 6, Tex	EM3-1679
Tex	Superior Electric Co., The	174 Meadows Bldg, Dallas 6	EM8-4880
Utah	Superior Electric Co., The	2981 El Camino Real, Redwood City, Cal	EM9-8000
Vt	Superior Electric Co	6 Abbott Rd, Wellesley Hills, Mass	CE7-0750
Va	Superior Electric Co., The	425 13th St, NW, Washington 4, DC	ST3-6774
Wash	Superior Electric Co	830 Third Ave, Seattle 4, Wash	MU2-1323
W. Va	Superior Electric Co	101 Public Square, Medina, Ohio	PA3-1515
Wis	Superior Electric Co., The	6328 W Roosevelt Rd, Oak Park, Ill	EU3-5430
Wyo	Superior Electric Co	830 Third Ave, Seattle 4, Wash	MU2-1323
	SUPERIOR ELECTRONICS CORP	**208 Piaget Ave, Clifton, NJ**	**GR2-2500**
	M Hogan #5 *125,000 E 1875		
Cal	A T Baxter	14574 Benefit St, Sherman Oaks	ST4-2865
	SUPERIOR FLUX & MFG CO	**1536 St. Clair Ave, Cleveland 14, Ohio**	**SU1-9373**
	#1 *6 A 700		
Cal	Claude Michael Agency	703 W. Ivy St, Glendale 4, Cal	[illegible]
Ill	Ames Metal Products Co	4323 Southwestern Blvd, Chicago, Ill	LA3-[illegible]
	SUPERIOR INSULATED WIRE CO	**Washburn's La, Stony Point, NY**	**ST6-2433**
	J Miller #3 *27 E 375-1960		
Ala	Threlkeld-Duckett Associates	P.O. Box 733, Birmingham, Ala	[illegible]
Fla	Smith Duckett Associates	P.O. Box 1016, Stuart, Fla	AT7-[illegible]
Ga	Grady Duckett Associates	26E. Andrews Dr, N.E., Atlanta, Ga	CE3-5[illegible]
Ill	Markel Sales Co	2535 W Peterson Ave, Chicago	LO1-[illegible]
Ind	H E Tyson Co	418 E Berry St, Fort Wayne	EA[illegible]
Mass	Johnson Assoc	92 Merrimack St, Lowell	GL2-[illegible]
Mo	Sobel & Assoc	7603 Forsyth Blvd, Clayton 5	PA6-4016
NY	William J Callahan	107 Greenedge Dr, Camillus	[illegible]
NC	Fanning-Duckett Associates	P.O. Box 11402, Charlotte 9, NC	[illegible]
Pa	Eugene L Park	Beverly & Patricia Rd, Holland	EL7-[illegible]
Va	J F Anderson Co	1203 Trinity Dr, Alexandria	[illegible]
•	**SUPERIOR MFG. & INSTRUMENT CO**	**36-07 20th Ave. LIC 5, NY**	**YE2-1800**
	I Hansen #7 *115 E 205-755-895-1550-1555		
Cal	Sheppard-Winters Co	3151 Cahuenga Blvd, Hollywood 28	HO[illegible]
Ill	Burt Anderson Assoc	6414 W. Higgins Ave, Chicago 31	SP4-4174
Md	Harry J White Co. Inc	204 W. Penn Ave, Towson	VA8-6373
Mass	Brookdale Eng. Serv. Co	6 Beacon St, Boston	CA7-1515
Mo	Automatic Gen. Sales Co	6300 Troost Ave, KC 10	[illegible]
NJ	Harry J White Co. Inc	121 Covered Bridge Rd, Haddonfield	HA8-2304
NY	Franklin-Andrews Sales Corp	2 Standish Terrace, Syracuse 3	GR-1120
Tex	Automatic Gen'l. Electronic Sales	3527-B McKinney Ave, Dallas	[illegible]
Can	Samuel C Hooker (Can.) Ltd	2425 Grand Blvd, Montreal, Que	HU[illegible]-9114
•	**SUPERIOR STEATITE & CERAMIC CORP**	**83-91 W. Forest Ave, Englewood, NJ**	**LO8-4555**
	120-175-240-380-715-900-905-1875-1890		
Cal	Yarbrough Sales Co	2535 Mission St, San Marino, Cal	SY[illegible]
NJ	S Dixon	208 Russell Ave, Bennington, NJ	[illegible]
	SUPERIOR STEEL DIV COPPERWELD STEEL CO	**Carnegie, Pa**	**BR6-3300**
	W Cowles *1,200 G 1125		
Cal	Superior Steel	5225 Wilshire Blvd, L A 36, Cal	WE3-1440
Cal	Thomas S Ruffin & Son	Monadnock Bldg, San Francisco 5, Cal	EX2-7027
Ill	Superior Steel	320 First Nat'l Bank Bldg, Evanston	UN4-1724
Mich	Superior Steel	626 Fisher Bldg, Detroit 2, Mich	TR5-[illegible]
NY	Superior Steel Div	1212 Rand Bldg, Buffalo 3	TL6-[illegible]
NY	Superior Steel	6408 Chrysler Bldg, New York 17, NY	YU6-7740
NC	Davis Harkness Co	P.O. Box 4294, Charlotte, NC	FR6-[illegible]
Ohio	Superior Steel	1118 Talbott Tower, Dayton 2, Ohio	BA3-9122
Okla	Robert Duemer & Co	P.O. Box 1508, Tulsa 1, Okla	LU7-2171
Pa	Superior Steel	2945 Willow Brook Dr, Huntingdon Valley	OL9-5[illegible]
Wash	M M Mossman	801 The Hoge Bldg, Seattle 4, Wash	MA4-5[illegible]
•	**SUPERIOR TUBE CO**	**2504 Germantown Pike, Norristown, Pa**	**BR5-2070**
	J Bowe #12 *1200 1875-1885		
	SUPERSCOPE INC	**8522 Tujunga Ave, Sun Valley, Cal**	**CH7-8633**
	1100-1435		
Ala	Robert G Thomas	942 S. 53rd St, Birmingham, Ala	LY2-4715
Alaska	Ron Merritt Co	1320 Prospect, Seattle, Wash	MU2-7337
Ark	Maynard Sales Co	2013 Cedar Springs, Dallas, Tex	RI2-2027
Cal	Heaton Marco Associates	413 N. Lathrop St, Redwood City, Cal	EM9-5278
Colo	Hyde Electronics Co	888 S. Lipan, Denver, Colo	WE6-3456
Del	Harold A Moyer	P.O. Box 14, Haddonfield, NJ	HA9-7792
DC	Harold A Moyer	P. O. Box 14, Haddonfield, NJ	HA9-7792
Fla	Winfield Electronic Sales Co	966 N.E., 125th St, N. Miami, Fla	PL1-[illegible]
Ga	Robert G Thomas	942 S. 53rd St, Birmingham, Ala	LY2-4715
Idaho	Ron Merritt Co	1320 Prospect, Seattle, Wash	MU2-7337
Ill	Irving Rossi Marketing Associates	125 Merchandise Mart, Chicago, Ill	SU7-5246
Ill	Arthur H Elliott	211 W. Westport, Kansas City 11, Mo	
Ind	Kirsch Sales Co	Lafontaine, Ind	
Iowa	Arthur H Elliott	211 W. Westport, Kansas City 11, Mo	
Kan	Arthur H Elliott	211 W. Westport, Kansas City 11, Mo	
Ky	Kirsch Sales Co	Lafontaine, Ind	
La	Maynard Sales Co	2013 Cedar Springs, Dallas, Tex	RI2-2027
Md	Harold A Moyer	Box 14, Haddonfield, NJ	
Mich	J Malcolm Flora Inc	Territorial at Ridgewood, Plymouth	GL3-4296
Minn	Clark R Gibb	2400 Hennepin Ave, Minneapolis, Minn	FR7-1300
Miss	Robert G Thomas	942 S. 53rd St, Birmingham, Ala	LY2-4715
Mo	Arthur H Elliott	211 W. Westport, Kansas City 11, Mo	
Mont	Ron Merritt Co	1320 Prospect, Seattle, Wash	MU2-7337
Neb	Arthur H Elliott	211 W. Westport, Kansas City 11, Mo	
Nev	Heaton Marco Associates	413 N. Lathrop St, Redwood City, Cal	EM9-5278
NJ	Jerry Greenberg & Associates	15 Hudson St, New York, NY	WO4-7150

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
NJ	Harold A Meyer	P. O. Box 14, Haddonfield, NJ	HA9-7792
NM	Hyde Electronics	5206 Constitution Ave, Albuquerque, NM	AM8-1111
NY	Farber & Associates	70 W. Chippewa St, Buffalo, NY	MO3543
NY	Jerry Greenberg & Associates	17 Hudson St, New York, NY	WO4-7150
Ohio	F A Daugherty Co	6025 Mayfield Rd, Cleveland, Ohio	HI9-1122
Okla	Maynard Sales Co	2013 Cedar Springs, Dallas, Tex	RI2-2027
Ore	Ron Merritt Co	1320 Prospect, Seattle, Wash	MU2-7337
Pa	Harold A Meyer	Box 14, Haddonfield, NJ	HA9-7792
Pa	Farber & Associates	70 W. Chipperva St, Buffalo, NY	MO3543
Pa	F A Daugherty & Co	6025 Mayfield Rd, Cleveland, Ohio	HI9-1122
Tenn	Robert G Thomas	942 S. 53rd St, Birmingham, Ala	LY2-4715
Tex	Maynard Sales Co	2013 Cedar Springs, Dallas, Tex	RI2-2027
Tex	Hyde Electronics	5206 Constitution Ave, Albuquerque, NM	AM8-1111
Utah	Hyde Electronics	5206 Constitution Ave, Albuquerque, NM	AM8-1111
Va	Harold A Meyer	Box 14, Haddonfield, NJ	HA9-7792
Wash	Ron Merritt Co	1320 Prospect, Seattle, Wash	MU2-7337
W. Va	F A Daugherty & Co	6025 Mayfield Rd, Cleveland, Ohio	HI9-1122
Wisc	Irving Rose Marketing Associates	125 Merchandise Mart, Chicago 54, Ill	SU7-5246
Wisc	Clark R Gibb Co	2400 Hennepin Ave, Minneapolis, Minn	FR7-1200
Wyo	Hyde Electronics	5206 Constitution Ave, Albuquerque, NM	AM8-1111
	SURFACE CONDUCTION, INC	**1501 Broadway, New York 36, NY**	**LO5-5535**
	E Steinbrecher #2 *3 A 45-50-190-325-360-670-895-1135-1170-1910		
•	**SURPRENANT MFG CO**	**172 Sterling St. Clinton, Mass**	**EM5-6331**
	R Surprenant *1200 185-190-1290-1575-1755-1960		
Ala	Surprenant Mfg Co	1226 E Colonial Dr. Orlando, Fla	GA4-8964
Ariz	Airsupply-Aero Engineering Co	2950 W Thomas Rd. Phoenix	AP8-5511
Cal	Airsupply-Aero Engineering Co	9815 Wilshire Blvd. Beverly Hills	BR2-8111
Colo	Airsupply-Aero Engineering Co	3311 S Broadway, Englewood	SU9-0591
Conn	Surprenant Mfg Co	Bridgeport	DR8-7502
Del	Airsupply-Aero Engineering Co	1510 Russell Rd. Paoli, Pa	NI4-1450
Fla	Surprenant Mfg Co	1226 E Colonial Dr. Orlando	GA4-8964
Ga	Surprenant Mfg Co	1226 E Colonial Dr. Orlando, Fla	GA4-8954
Ill	Airsupply-Aero Engineering Co	4302 Warren Ave. Hillside	LI4-7400
Ind	David E Hollinger	125 Cedar Dr. West Milton, Ohio	329
Kan	Airsupply-Aero Engineering Co	612 S Oliver, Wichita	MU3-7518
La	Surprenant Mfg Co	1226 E Colonial Dr. Orlando, Fla	GA4-8964
Md	Airsupply-Aero Engineering Co	7215 York Rd. Baltimore	VA3-4101
Mich	Airsupply-Aero Engineering Co	15823 W McNichols Rd. Detroit	BR3-7238
Minn	Airsupply-Aero Engineering Co	5407 Excelsior Blvd. Minneapolis	WA2-0848
Miss	Surprenant Mfg Co	1226 E Colonial Dr. Orlando, Fla	GA4-8964
Mo	Airsupply-Aero Engineering Co	P O Box 6247, St Louis	PE1-6500
Neb	Airsupply-Aero Engineering	612 S Oliver St. Wichita, Kan	MU3-7518
NJ	Surprenant Mfg Co	12A Richfield Terrace, Clifton	GR2-5906
NM	Airsupply-Aero Engineering Co	2950 W Thomas Rd. Phoenix, Ariz	AP8-5511
NY	Gerry McKinney	New York City	WH6-0796
NY	D Jacobson	Syracuse	GR2-2822
Ohio	David E Hollinger	125 Cedar Dr. West Milton	329
Okla	Airsupply-Aero Engineering Co	612 S Oliver St. Wichita, Kan	MU3-7518
Ore	Airsupply-Aero Engineering Co	10633 NE 8th St. Bellevue, Wash	GL4-7922
Pa	Airsupply-Aero Engineering Co	150 Russell Rd. Paoli	NI4-1450
Tex	Airsupply-Aero Engineering Co	P O Box 1906, Fort Worth	ED5-4541
Utah	Airsupply-Aero Engineering Co	3311 S Broadway, Englewood, Colo	SU9-0591
Wash	Airsupply-Aero Engineering Co	10633 NE 8th St. Bellevue	GL4-7922
Wis	Airsupply-Aero Engineering Co	4302 Warren Ave. Hillside, Ill	LI4-7400
	SWENSON CO., INC., V H	**552 Elm St, Kearny, NJ**	**WY1-5700**
	120-135-175-180-315-715-750-765-770-895-900-1190-1290-1295-1785		
	SWIFT & SONS, M	**10 Love La, Hartford, Conn.**	**JA2-1182**
	W DePatie *200 1075		
Cal	M Swift & Sons Inc	236 Juanita Ave, Los Angeles 4	DU1-3989
Ill	M Swift & Sons Inc	4761 Touhy Ave. Chicago 28	679-1032
Mo	M Swift & Sons Inc	610 N. Kingshighway Blvd, St. Louis 8	FO1-5857
NY	M Swift & Sons Inc	470 Park Ave, S., New York 16, NY	MU6-3990
Ohio	M Swift & Sons Inc	2413 N. High St, Columbus 2	AM7-5461
	SWING-O-LITE INC	**13 Moonachie Rd, Hackensack, NJ**	**DI2-5807**
	W Rosen #2 *40 C 990		
Alaska	Wm Lanphear	3215 Western Ave, Seattle, Wash	
Ariz	Bellchamber & French	1485 Bay Shore Blvd, San Francisco, Cal	
Colo	Wm Peyser	1501 N. Weber, Colorado Springs, Colo	
Conn	W B Pray	44 Washington St, Wellesley Hills, Mass	
DC	Herman Lewis	1622-68 Ave, Philadelphia, Pa	
Fla	Jack Geartner	235 Lincoln Rd, Miami Beach, Fla	
Ga	Hilker Co	P.O. Box 5211, Winston Salem, NC	
Ill	Loren Green	5218 W. Diversey Ave, Chicago, Ill	
Ind	Central Electronics	19303 Fairport, Detroit, Mich	
Ky	Central Electronics	19303 Fairport, Detroit, Mich	
La	Massey Sales	P.O. Box 724, Greenwood, Miss	
Me	W B Pray	44 Washington, Wellesley Hills, Mass	
Md	Herman Lewis	1622-68 Ave, Philadelphia, Pa	
Mass	W B Pray	44 Washington, Wellesley Hills, Mass	
Miss	Massey Sales	P.O. Box 724, Greenwood, Miss	
Mo	Massey Sales	P.O. Box 724, Greenwood, Miss	
Mo	Lee Price	3036 Linden Pl, E St Louis, Ill	
Nev	Bellchamber French	1485 Bay Shore Blvd, San Francisco, Cal	
NH	W Pray	44 Washington St, Wellesley Hills, Mass	
NJ	Jack Gutzeit	75-02 168th St, Flushing, NY	
NY	Jack Gutzeit	75-02 168th St, Flushing, NY	
NC	Hilker Sales	P.O. Box 5211, Winston Salem, NC	
Ohio	Central Electronics Sales	19303 Fairport, Detroit, Mich	
Ore	Wm Lanphear	3215 Western Ave, Seattle, Wash	
Pa	Herman Lewis	1622-68 Ave, Philadelphia	
RI	W Pray	44 Washington, Wellesley Hills, Mass	
SC	Hilker Sales	P.O. Box 5211, Winston Salem, NC	
SD	Wm Peyser	1501 N. Weber, Colorado, Spring, Colo	
Tex	Maynard Sales	2013 Cedar Springs, Dallas, Tex	
Va	Hilker Sales	P.O. Box 5211, Winston Salem, NC	
Wash	Wm Lanphear	3251 Western Ave, Seattle, Wash	
Wisc	Loren Green	5218 Diversey Ave, Chicago, Ill	
	SWISS JEWEL CO	**Lafayette Bldg, Philadelphia 6, Pa**	**WA5-2867**
	P Steel, Jr #1 *5 930-1195-1510		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
•	**SWITCHCRAFT INC**	**5537 N. Elston Ave, Chicago, Ill**	**SP4-1515**
	W Larson #12 *300 345-1245-1315-1735		
Ala	Cartwright & Bean	3223 Cain's Hill Pl, Atlanta, Ga	CE7-2273
Alaska	Ron Merritt Co	1320 Prospect Ave, Seattle 9, Wash	MU2-7337
Ariz	Paul F Wiley Co	1632 Silverlake Blvd, L A, Cal	NO3-8028
Ark	Branum Sales Inc	2334 Havenhurst St, Dallas 34, Tex	CH7-7128
Cal	David H Ross Co	534 El Camino Real, San Carlos, Cal	LY1-4411
Cal	Paul F Wiley Co	1632 Silverlake Blvd, L A, Cal	NO3-8028
Colo	Gordon Moss Electronics Inc	1530-13th Ave, Greeley, Colo	EL3-1452
Conn	Anderson Sales Co	6 Gaywood Dr. Waterbury	
Del	Ken Randall Co	1303 Midvale Ave, Baltimore, Md	RI7-5260
Del	Trinkle Sales Co	7675 Maple Ave. Merchantville, NJ	NO3-0303
DC	Ken Randall Co	1303 Midvale Ave, Baltimore, Md	RI7-5260
DC	Trinkle Sales Co	7675 Maple Ave. Merchantville, NJ	NO3-0303
Fla	Cartwright & Bean	20100 N. E. 25th Ct, N. Miami Beach	WI9-2962
Fla	Cartwright & Bean	P.O. Box 583, Orlando, Fla	GA5-8284
Ga	Cartwright & Bean	3223 Cain's Hill Pl, Atlanta, Ga	CE7-2273
Haw	Dougherty Enterprises	344 Kamalia Lane, Kailua	253-666
Idaho	Ron Merritt Co	127 Augusta Ave, Spokane, Wash	FA5-2557
Ill	J K Rose & Co	1116 Linden Ave, Highland Park, Ill	BR3-2330
Ill	Koenig & Myers Associates	3549 Dunnica St, St. Louis 16, Mo	MO4-3098
Ind	Thomas & Sulup Inc	5226 N. Keystone, Indianapolis, Ind	CL1-4574
Iowa	Koenig & Myers Associates	4538 Main St, Kansas City 11, Mo	JE1-7221
Kan	Koenig & Myers Associates	4538 Main St, Kansas City 11, Mo	JE1-7221
Ky	Thomas & Sulup Inc	5226 N. Keystone, Indianapolis, Ind	CL1-4574
La	Branum Sales Inc	2334 Havenhurst St, Dallas 34, Tex	CH7-7128
Me	Anderson Sales Co	177 State St, Boston, Mass	CA7-2980
Md	Ken Randall Co	1303 Midvale Ave, Baltimore, Md	RI7-5260
Md	Trinkle Sales Co	7675 Maple Ave. Merchantville, NJ	NO3-0303
Mass	Anderson Sales Co	177 State St, Boston, Mass	CA7-2980
Mich	ABM Sales Co	10116 Puritan Ave, Detroit, Mich	UN2-1300
Minn	Mel Foster	2402 Hennepin Ave, Minneapolis, Minn	FR4-2612
Miss	Cartwright & Bean	560 S. Cooper St, Memphis, Tenn	BR6-4442
Mo	Koenig & Myers Associates	4538 Main St, Kansas City, Mo	JE1-7221
Mont	Ron Merritt Co	E. 127 Augusta Ave, Spokane, Wash	FA5-2557
Mont	Gordon Moss Electronics, Inc	1502 Preston St. Salt Lake City, Utah	HU5-2870
Neb	Koenig & Myers Associates	4538 Main St, Kansas City, Mo	JE1-7221
Neb	Gordon Moss Electronics Inc	1530 13th Ave, Greeley, Colo	EL3-1452
Nev	Paul F Wiley Co	1632 Silverlake Blvd, L A, Cal	NO3-8028
Nev	David H Ross Co	534 El Camino Real, San Carlos, Cal	LY1-4411
NH	Anderson Sales Co	177 State St, Boston, Mass	CA7-2980
NJ	O F Mason Co	1 Wolf's Ln, Pelham, NY	PE8-4510
NJ	Ken Randall Co	121 N. Broad St, Philadelphia, Pa	LO4-2151
NM	Gordon Moss Electronics Inc	1530-13th Ave, Greeley, Colo	EL3-1452
NY	O F Mason Co	1 Wolf's Ln, Pelham, NY	PE8-4510
NY	Wally B Swank Inc	2310 Bellevue Ave, Syracuse, NY	GR8-2141
NY	W J Callahan	107 Greenridge Dr. Camillus	HU8-5518
NC	Cartwright & Bean	625 Harwyn Dr, Charlotte, NC	FR6-8648
ND	Mel Foster	2402 Hennepin, Minneapolis, Minn	FR4-2612
Ohio	Neal Bear Corp	3435 Streetsboro Rd, N. Richfield, Ohio	OL9-3331
Ohio	Neal Bear Corp	2801 Far Hills Ave, Dayton, Ohio	AX9-3566
Okla	Branum Sales Inc	2334 Havenhurst St, Dallas, Tex	CH7-7128
Ore	Ron Merritt Co	1238 N. W. Glisan St, Portland, Ore	CA2-7337
Pa	Ken Randall Co	121 Broad St, Philadelphia, Pa	LO4-2151
Pa	Neal Bear Corp	1974 Gregory Ave, Monroeville, Pa	VA3-5117
Pa	Trinkle Sales Co	7675 Maple Ave, Merchantville, NJ	WA2-6266
RI	Anderson Sales Co	177 State St, Boston, Mass	CA7-2980
SC	Cartwright & Bean	625 Harwyn Dr, Charlotte, NC	FR6-8648
SD	Mel Foster	2402 Hennepin Ave, Minneapolis, Minn	FR4-2612
Tenn	Cartwright & Bean	560 S. Cooper St, Memphis, Tenn	BR6-4442
Tex	Branum Sales Inc	1250 Wakefield Dr, Houston	
Tex	Branum Sales Inc	2334 Havenhurst Ave, Dallas, Tex	CH7-7128
Utah	Gordon Moss Electronics, Inc	1502 Preston St. Salt Lake City	HU5-2870
Vt	Anderson Sales Co	177 State St, Boston, Mass	CA7-2980
Va	Ken Randall Co	1303 Midvale Ave, Baltimore, Md	RI7-5260
Va	Cartwright & Bean	625 Harwyn Dr, Charlotte, NC	FR6-8648
Wash	Ron Merritt Co	1320 Prospect Ave, Seattle 9, Wash	MU2-7337
Wash	Ron Merritt Co	127 Augusta Ave, Spokane 10, Wash	FA5-2557
W. Va	Neal Bear Corp	2801 Far Hills Ave, Dayton 19, Ohio	AX9-3566
Wisc	Ken Steinke Sales Co	7731 W. Morgan, Milwaukee, Wisc	LI5-4586
Wisc	V K Rose & Co	1116 Linden, Highland Park, Ill	BR3-2230
Wyo	Gordon Moss Electronics, Inc	1502 Preston St. Salt Lake City, Utah	HU5-2070
Canada	Atlas Radio Corp Ltd	50 Wingold Ave, Toronto 19, Ontario, Can	RU1-6174
Foreign	Comet Corp	540 Lake Shore Dr, Chicago 11, Ill	DE7-2292
	SYLVANIA ELECTRIC PRODUCTS INC. SUB. GEN TEL & ELECTRONICS CORP.	**730 3rd Ave. New York 17, NY**	**JU6-2424**
	G Conner #2,500 *29,000 G		
Cal	Sylvania	2020 Santa Monica Blvd. Santa Monica	
Cal	Sylvania	6505 E. Gayhart St, Los Angeles, Cal	
Cal	Sylvania	1811 Adrian Rd, Burlingame, Cal	
Colo	Sylvania	415 N Tejon St. Colorado Springs	
Colo	Sylvania	4700 E 48th St, Denver, Colo	
DC	Sylvania	Bender Bldg. Washington	
DC (Wash)	Sylvania	Shirley Hwy & Edsall Rd, Springfield, Va	
Fla	Sylvania	300 N.E. 72nd St, Miami, Fla	
Ga	Sylvania	2115 Sylvan Rd S.W., Atlanta 10, Ga	
Ill	Sylvania	2001 N. Cornell Ave, Melrose Park, Ill	
Kan	Sylvania	450 Funston Rd, Kansas City, Kan	
La	Sylvania	8140 Forshey St, New Orleans, La	
Md	Sylvania	5301 Hartford Rd, Baltimore, Md	
Mass	Sylvania	63 2nd Ave. Waltham	
Mass	Sylvania	Estes St, Ipswich, Mass	
Mass	Sylvania	100 Sylvan Rd, Woburn, Mass	
Mass	Sylvania	71 Loring Ave, Salem, Mass	
Mich	Sylvania	405 4th St, Ann Arbor, Mich	
Mich	Sylvania	7800 Intervale, Detroit, Mich	
Minn	Sylvania	2211 W Hennepin Ave. Minneapolis 13	
Mo	Sylvania	5010 Kemper Ave, St. Louis, Mo	
NJ	Sylvania	16 Spring St. Red Bank	
NM	Sylvania	1000 Huyler St, Teterboro, NJ	
NY	Sylvania	1740 Broadway, New York 19	
NY	Sylvania	Franklin Nat'l Bank Bldg. Garden City	
NY	Sylvania	611 Bailey Ave, Buffalo, NY	
NY	Sylvania	5700 W. Genesee St, Camillus, NY	
NY	Sylvania	225 N. Washington St, Rome, NY	
NC	Sylvania	1410 E. Morehead St, Charlotte, NC	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ohio	Sylvania	411 Oak St, Cincinnati, Ohio	
Ohio	Sylvania	4848 W. 130 St, Cleveland, Ohio	
Ohio	Sylvania	333 W. 1st St, Dayton, Ohio	
Pa	Sylvania	4700 Parkside Ave, Philadelphia, Pa	
Pa	Sylvania	300 Mt. Lebanon Blvd, Pittsburgh, Pa	
Tex	Sylvania	100 Fordyce St, Dallas, Tex	
Utah	Sylvania	428 S. Main St, Salt Lake City, Utah	
Wash	Sylvania	3466 E. Marginal Way, Seattle, Wash	
W Va	Sylvania	1 48th St. Wheeling	
Wisc	Sylvania	606 W. Wisconsin, Milwaukee,	
	SYLVANIA ELECTRIC PRODS INC		
	CHEM & METALLURGICAL DIV	**Towanda, Pa**	**AN5-2121**
	R Beatty *800 G 265-410-885-1120-1125-1875-1960		
Cal	John S Kratz	1811 Adrian Rd. Burlingame	
Ill	Sylvania	2001 N. Cornell Ave, Melrose Park, Ill	
Mass	Sylvania	100 Sylvan Rd, Woburn, Mass	
Mich	Sylvania	7800 Intervale Ave, Detroit, Mich	
NY	Sylvania	1000 Huyler St, Teterboro, NJ	
Ohio	Sylvania	333 W. First St, Dayton 2, Ohio	
Pa	Sylvania	4700 Parkside Ave, Philadelphia 31	
Pa	Sylvania	300 Mt. Lebanon Rd, Pittsburgh	
	SYLVANIA ELECTRIC PRODS INC		
	ELECTRONIC TUBES	**1740 Broadway, New York 19, NY**	**JU6-2424**
	W Spink 330-1135-1875-1880		
Cal	Sylvania Elec Prods Inc	6505 E Gayhart St. Los Angeles	RA3-5371
Cal	Sylvania Elec Prods Inc	1811 Adrian Rd. Burlingame	OX7-3500
Colo	Sylvania Elec Prods Inc	4700 E 48 Ave. Denver 16	FL5-2203
Ga	Sylvania Elec Prods Inc	2115 Sylvan Rd. SW, Atlanta	PO6-3633
Ill	Sylvania Elec Prods Inc	2001 N Cornell Ave. Melrose Park	ES9-2525
Kan	Sylvania Elec Prods Inc	450 Funston Rd. Kansas City	DR1-3773
La	Sylvania Elec Prods Inc	8140 Forshey St. New Orleans 18	AU7757
Mass	Sylvania Elec Prods Inc	Estes St. Ipswich	EL6-4193
Mich	Sylvania Elec Prods Inc	7800 Intervale, Detroit	WE3-8765
Mo	Sylvania Elec Prods Inc	5010 Kemper Ave. St Louis 9	MO4-8974
NJ	Sylvania Elec Prods Inc	1000 Huyler St. Teterboro	AT8-9484
Ohio	Sylvania Elec Prods Inc	4848 W 130 St. Cleveland	CL2-0500
Tex	Sylvania Elec Prods Inc	100 Fordyce St. Dallas	RI1-4836
Wash	Sylvania Elec Prods Inc	3466 E Marginal Way, Seattle 4	
	SYLVANIA ELECTRIC PRODS INC.		
	HOME ELECTRONICS DIV	**700 Ellicott St. Batavia, NY**	**FI3-3470**
	P Grant *1200 G 200-1255-1425-1910		
Cal	Sylvania	1811 Adrian Rd, Burlingame, Cal	OX7-3500
Cal	Dean A Hill	408 Via Val Verde, Montebello	PA8-3915
Cal	Roland Heintin	261 Chester, San Carlos	LY1-4157
Colo	Edward G Dietrich, Jr	3221 Ellis Ln. Applewood Mesa, Golden	CR9-1680
Fla	Sylvania Home Electronics Corp	2960 Palm Ave. Hialeah	TU8-1657
Fla	Sylvania Home Electronics Corp	718 Hughes St. Jacksonville	EX8-7577
Ga	James M Hudson	3242 Wynn Dr. Atlanta	BU9-1791
Ga	Edward F Taylor, Jr	1862 Anjaco Rd. NW, Atlanta	TR4-6596
Ill	Sylvania	9-110 Merchandise Mart, Chicago 54, Ill	FI5-0100
Ind	Raymond J Steurer	1826 E Edison Rd, South Bend	CE3-5044
Iowa	Robert J Flanagan	11 Riverview Pl, Davenport	326-1487
Md	Kenneth W Connor	6400 Westland Rd, Bethesda	EM5-4182
Mass	Sylvania	100 Commonwealth, Boston 15, Mass	BE2-7740
Mass	Frank C Nelson	51 Tuttle St, Wakefield	CR9-2697R
Mich	William D Cahill	33146 Lyndon St. Livonia	GA1-4852
Minn	James K Landis	6614 Grand Ave. S, Minneapolis	UN6-4052
Mo	W John Cross	6426 Evergreen, Berkley	JA2-0942
NY	Sylvania Home Electronics Corp	122 W Clinton St. Syracuse	GR1-6119
NY	Sylvania	437 11th Ave, New York 18, NY	LO4-5216
NY	J Joseph Soehnel	1194 East Ave. Rochester	HI5-3975
NC	Ralph M Law	2000 Queens Rd. W, Charlotte	ED4-2666
Ohio	Kenneth Weiss	2651 Osborn Rd. Bay Village	TR1-1905
Pa	Sylvania	4700 Parkside Ave, Philadelphia, Pa	GR7-5000
Pa	David A Fleck	RFD 2, Box 277, Ligonier	BE8-2168
Tenn	H Bruce Morrison	3613 Patte Ann Dr. Memphis	EX8-1508
Tex	Earl Kittleson	11010 Lathrop Dr. Dallas	FL7-1429
	SYLVANIA ELECTRIC PRODS INC.		
	LIGHTING PRODUCTS DIV	**60 Boston St. Salem, Mass**	**PI 5-4500**
	G 320-380-565-820-885-895-990-1135		
	SYLVANIA ELECTRIC PRODS INC		
	PARTS DIV	**12 Second Ave, Warren, Pa**	**WA3220**
	F Martin *1600 G 65-210-345-615-715-770-900-1120-1125-1305-1350-1545-1615-1630-1635-1735-1780-1785-1815-1875-1960-1970		
Conn	Sylvania	Bridge St, Naugatuck, Conn	
Ill	Sylvania	2001 N. Cornell Ave, Melrose Park, Ill	
Mass	Sylvania	75 Sylvan St, Danvers, Mass	
NY	Sylvania	1000 Huyler St, Teterboro, NJ	
Ohio	Sylvania	411 Oak St, Cincinnati, Ohio	
Pa	Sylvania	1120 Roosevelt Ave, York, Pa	
Wisc	Sylvania	616 W. Wisconsin Ave, Milwaukee, Wisc	
	SYLVANIA ELECTRIC PRODS INC		
	SEMICONDUCTOR DIV	**100 Sylvan Rd, Woburn, Mass**	**WE3-3500**
	500-1445-1860		
Cal	Sylvania Elec Prods Inc	6505 E Gayhart St. Los Angeles	RA3-5371
Cal	Sylvania Elec Prods Inc	1811 Adrian Rd, Burlingame	OX7-3500
DC	Sylvania Elec Prods Inc	1120 Connecticut Ave. NW, Washington	FE7-6600
Fla	Sylvania Elec Prods Inc	Box 7248, Orlando	CY3-4209
Ill	Sylvania Elec Prods Inc	2001 N Cornell Ave. Melrose Park	FI5-0100
Mich	Sylvania Elec Prods Inc	7800 Intervale, Detroit 38	WE3-8765
NJ	Sylvania Elec Prods Inc	1000 Huyler St. Teterboro	AT8-9484
NY	Sylvania Elec Prods Inc	5700 W Genesee St. Camillus	OR2-3111
Ohio	Sylvania Elec Prods Inc	333 W 1st St. Dayton	BA3-6227
Pa	Sylvania Elec Prods Inc	4700 Parkside Ave. Philadelphia 31	GR7-5000

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	SYLVANIA ELECTRIC PRODS INC. SYLCOR DIV	208-20 Willets Point Blvd. Bayside, NY	WE1-3500
	G LaPier *200 G 240-735-1120-1125-1885-1850		
	SYLVANIA ELECTRIC PRODS INC. SYLVANIA ELECTRONIC SYSTEMS	63 2nd Ave. Waltham, Mass	TW4-9770
	45-325-1135-1395-1425-1610-1870		
Ala	Sylvania Electronic Systems	120-124 Gallatin St. Huntsville	
Cal	Sylvania Electronic Systems	[illegible] Santa Monica Blvd, Santa Monica	EX3-9311
Colo	Sylvania Electronic Systems	415 N Tejon St. Colorado Springs	ME5-3132
DC	Sylvania Electronic Systems	1120 Connecticut Ave. NW, Washington 6	FE7-[illegible]
NJ	Sylvania Electronic Systems	16 Spring St, Red Bank, NJ	SH1-5140
Ohio	Sylvania Electronic Systems	3[illegible] W 1st St. Dayton 2	BA3-6227
	SYLVANIA PHOTOLAMP & SPECIAL PRODUCTS	60 Boston St, Salem, Mass	PI5-4500
	320-545-885-895-990-1020-1855		
	SYMPHONY ELECTRONICS CORP	1611 Cordova St, Los Angeles 7, Cal	
	1475-1675		
•	**SYNCOR PRODUCTS CO**	30 Eastern Ave, Malden, Mass	DA2-1364
	S Prost 240-845-1125-1385-1890		
	SYNTHANE CORP.	Oaks, Pa.	GL2-2211
	H Widdop #10 *650 F 770-975-1290-1940		
Cal	Synthane Corp	518 Garfield Ave, Glendale, Cal	CH5-1093
Fla	Arthur A Carlson & Associates	8021 S.W. 21st St, Miami, Fla	CA1-7592
Ill	Synthane Corp	8711 Narragansett Ave, Morton Grove	OR3-5390
Ind	Synthane Corp	4508 Allisonville Rd, Indianapolis 20	LI6-3650
Kan	Dana W Rankin	P. O. Box 131, Mission, Kan	HE2-3355
La	Electron Equipment Co, Inc	2418 Calhoun St, New Orleans 18	UN1-4485
Md	Synthane Corp	112 E. Pennsylvania Ave, Towson 4	VA5-2858
Mass	Synthane Corp	404 Main St, Wakefield, Mass	CR9-3594
Mich	Synthane Corp	Box 145, Orchard Lake, Mich	MI6-8868
Mo	A D Warner & Sons	423[illegible] Chouteau Ave, St. Louis 10, Mo	FR1-2780
NY	Synthane Corp	20 Studio Arcade, Bronxville 8	DE7-2012
NY	Synthane Corp	137 W. Commercial St, E. Rochester	LU6-0413
Ohio	Synthane Corp	2597 Lee Rd, Cleveland 20, Ohio	WA1-0020
Ore	Pacific Electric Sales Co	140 S.E. 28th Ave, Portland 14, Ore	BE5-4137
Pa	Synthane Corp	4 Bayard Rd, Pittsburgh 13	MU3-1700
Tenn	Synthane Corp	PO Box 11187, Knoxville 19	58-8-2659
Tex	Synthane Corp	Box 846, Richardson	AD5-1491
Wisc	Synthane Corp	326 E. Silver Spring Dr, Milwaukee 11	WO2-0890
Foreign	Cometro S A	[illegible], Paris, France	PR33-07
	SYNTHETIC MICA CO	20 Passaic Ave, Caldwell, NJ	CA6-4020
	A Becker 900		
Ill	Plastic Specialists	136 E Drake Ln. Des Plaines	VA4-0493
•	**SYNTRONICO SEMICONDUCTOR DIV**	Homer City, Pa	GR9-8011
	J Scott #50 *625 F 255-500-1445		
Cal	Carl E Holmes Co	107 North Ave 64, Los Angeles 42	CL6-2255
Colo	Kramer & Polley	1166 Elati St. Denver 4	CH4-4639
Ill	Syntron Chicago Sales Co	236 North Pulaski Rd, Chicago 24	NE2-[illegible]
Ind	Robert O Whitesell & Associates	6620 E Washington St. Indianapolis 19	FL9-5374
Iowa	McDowell-Redlingshafer Sales Co	1095 27th St. Des Moines	BL5-1645
Ky	Robert O Whitesell & Associates	403 N 38th St. Louisville 12	
Mass	P J Engineering Sales Co	159 Mt Auburn St. Watertown	WA4-5950
Mich	Hillbronics, Inc	11720 Puritan Ave. Detroit 27	BR2-4320
Mo	McDowell-Redlingshafer Sales Co	1102 E Armour, Kansas City	WE1-5622
NJ	Syntron Newark Sales Co	[illegible] Rt 17, Hasbrouck Heights	AT8-1845
NY	Edward A Ossmann Corp	830 Linden Ave. Rochester 25	LU6-4340
Ohio	Robert O Whitesell & Associates	21139 Lorain Ave, Cleveland 26	ED3-2595
Pa	Damos Corp	Fairview Village	BR5-2600
For	Dage Corp	219 E 44th St. New York 17, NY	MU2-6755
•	**SYNTRONIC INSTRUMENTS INC**	100 Industrial Rd, Addison, Ill	KI3-6444
	H Mercy #16 *40 D 200-320-895-1995		
Ariz	Ash & Wood Co	P.O. Box 1158, West Arcadia, Cal	CU3-1201
Cal	Ash & Wood Co	P.O. Box 1158, West Arcadia, Cal	CU3-1201
Conn	S Pierce	583 Neponset, Norwood, Mass	NO7-3164
Del	Massey Associates	529 Brookhurst Ave, Narberth, Pa	MO4-4200
DC	Massey Assoc	6607 Riverdale Rd. Riverdale, Md	AP7-1023
Ind	Joe Murphy	202 Penn Rd, Indianapolis 20, Ind	VI6-0359
Ky	Joe Murphy	202 Penn Rd, Indianapolis 20, Ind	VI6-0359
Me	S Pierce	583 Neponset, Norwood, Mass	NO7-3164
Md	Massey Assoc	6607 Riverdale Rd, Riverdale	AP7-1023
Mass	S Pierce	583 Neponset, Norwood	NO7-3164
NH	S Pierce	583 Neponset, Norwood, Mass	NO7-3164
NJ	Bressler Associates	4808 Bergenline Ave, Union City, NJ	UN4-5577
NY	Bressler Associates	4808 Bergenline Ave, Union City, NJ	OX5-0255
Pa	Massey Associates	529 Brookhurst Ave, Narberth, Pa	MO4-4200
RI	S Pierce	583 Neponset, Norwood, Mass	NO7-3164
Vt	S Pierce	583 Neponset, Norwood, Mass	NO7-3164
Va	Massey Assoc	6607 Riverdale Rd, Riverdale, Md	AP7-1023
Foreign	Sylvan Ginsbury Ltd	8 W. 40th St, New York 18, NY	LO4-7985
	SYRACUSE ELECTRONICS CORP	Box 566, Syracuse 1, NY	GL4-4406
	J Kirkgasser #4 *14 C 360-895-1460-1810		
Cal	Harry Geo Assoc, Inc	5083 S. Sepulveda Blvd. Culver City	EX1-5515
Ill	Ryan & Assoc	2803 N. Talman Ave. Chicago 47	EV4-5749
Mass	L R Provencher H Assoc	525 Pleasant St. Winchester	PL3-8187
Mich	Electro-Motion Assoc	4070 W. Maple Rd. Birmingham	JO4-6517
Mo	Jack W Gilbert Co	13 E. 70th St. KC 13	DE3-8830
NJ	Technical Sales Co	157 Broad St. Red Bank	SH1-3356
NY	Electrodata	113 Lynn Dr. N. Syracuse	GL4-3752
NY	Electrodata	Box 366, Middletown	DI2-0109
Ohio	Kilroy-Phelan Corp	Box 222, Chagrin Falls	CH7-4032
Ohio	Kilroy-Phelan Corp	2800 Far Hills Ave. Dayton 19	AX3-2003
Pa	David Humes Sales	124 Lee Circle, Bryn Mawr	LA5-6469
Tex	John B Guenther	4518 N. Central Expwy. Dallas 5	
Va	Potomac Electronics Inc	1025 N. Royal St. Alexandria	TE6-8666
Wash	Jas J Backer Co	Box 9077, Seattle 99	AL 6470
Can	Electrolabs	7385 St. Lawrence Blvd. Montreal, Que	CR6-6076

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	SYSTEMS INC	2400 Diversified Way, Orlando, Fla	CH1-1541
	S Kaplan #8 *80 D 670-895		
Cal	Jim Faith	120 Calle del Pacifico, San Clemente	
Conn	Fred R Lesser	Box 591, Manchester, NH	
Del	Arnold Reiner	Elkins Park House, Elkins Park, Pa	
	SYSTRON-DONNER CORP	950 Galindo St. Concord, Cal	MU2-3650
	J Cunningham #12 *132 E 338-365-895-1810		
Ala	E G Holmes Associates	4969 Roswell, N.E., Atlanta, Ga	BL5-6660
Ark	Arnold Barnes Co	3603 Lemmon Ave, Dallas, Tex	LA6-8735
Cal	Ault Associates	120 Santa Margarita, Menlo Park, Cal	DA6-1760
Cal	Ault-Wieler, Inc	2021-1/2 Garnet Ave. San Diego	BR4-4456
Cal	Ault-Wieler Inc	1635 Centinela Ave. Inglewood	OR8-6144
Colo	Barnhill Associates	1170 S. Sheridan Blvd, Denver, Colo	WE5-4645
Conn	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
Del	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
DC	Burlingame Associates	8218 Wisconsin Ave, Wash DC	OL4-6400
Fla	E G Holmes Associates	1220 Edgewater Dr, Orlando, Fla	CH1-2128
Ga	E G Holmes & Assoc	4969 Roswell Rd NE, Atlanta	BL5-6660
Idah	Barnhill Assoc	660 E 1st N. Centerville, Utah	EA3-5100
Ill	Lang & Claeson Co	6733 N. Olmstead Ave, Chicago, Ill	SP4-3610
Ind	Lang & Claeson Co	6733 N. Olmstead Ave, Chicago, Ill	SP4-3610
Iowa	Lang & Claeson Co	6733 N. Olmstead Ave, Chicago, Ill	SP4-3610
Kan	Norman W Kathrinus & Co	4306 Cambridge Ave, Kansas City	JO2-4108
La	Arnold Barnes Co	3603 Lemmon Dr, Dallas, Tex	LA6-8735
Me	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
Md	Burlingame Associates	8218 Wisconsin Ave, Wash DC	OL4-6400
Mass	Burlingame Associates	974 Main St, Waltham, Mass	TW4-1955
Mich	Tiby Co	9711 Foxhall Ave, Detroit	TE4-9211
Minn	Lang & Claeson Co	6733 N. Olmstead Ave, Chicago, Ill	SP4-3610
Minn	Engineering Products Assoc	1021 University Ave. St Paul	MI6-3443
Mo	Norman W Kathrinus & Co	4456 Duncan Ave, St Louis	OL2-7005
Nev	Ault Associates	120 Santa Margarita, Menlo Park, Cal	DA6-1760
NH	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
NJ	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
NY	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
NY	Burlingame Associates	514 University Bldg, Syracuse	GR4-7409
NC	E G Holmes & Assoc	440 W Market St, Greensboro	BR2-0855
Ohio	Tiby Co	645 Salem Ave, Dayton	CR7-3822
Ohio	Tiby Co	2245 Warrensville Center Rd, Cleveland	ER1-5335
Okla	Arnold Barnes Co	8514 E 31st Pl. Tulsa	NA7-1515
Ore	Harry Levinson Co	1117 Second Ave, Seattle, Wash	MA2-5433
Pa	Burlingame Associates	222 Long Ln, Upper Darby, Pa	SH7-9080
RI	Burlingame Associates	974 Main St, Waltham, Mass	TW4-1995
SC	E G Holmes Associates	4969 Roswell Rd, N.E., Atlanta, Ga	BL5-6660
Tenn	E G Holmes Associates	4969 Roswell Rd, N.E., Atlanta, Ga	BL5-6660
Tex	Arnold Barnes Co	3603 Lemmon Ave, Dallas, Tex	LA6-8735
Utah	Barnhill Assoc	660 E 1st N, Centerville	EL5-5101
Vt	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
Va	E G Holmes Associates	4969 Roswell Rd, N.E., Atlanta, Ga	BL5-6660
Wash	Harry Levinson Co	1211 E Denny Way, Seattle	EA3-5100
Wisc	Lang & Claeson Co	6733 N. Olmstead Ave, Chicago, Ill	SP4-3610
Can	Electrodesign	9124 St. Lawrence Blvd, Montreal, Que	DU9-5914
Can	Electrodesign	35 Mulholland St. Toronto, Ont	RU7-0991
For	Telonco International Corp	171 Madison Ave, New York, NY	MU3-9420
	TA MFG CORP	4607 Alger St, Los Angeles 39, Cal	CH5-5767
	L Robeson #5 *125 E 338-645-785-790		
Ariz	Sweda Reynolds - Astro	917 N Madison, Phoenix	
Cal	Ray Del Bocchia & Associates	179 S Mayfair Ave, Daly City	
Colo	Raymond Vinson	3890 S Lincoln, Englewood	SU9-2203
Fla	Aero Hardware & Supply Co	P O Box 482, Miami 48	TU8-2414
Ind	Kaufman Case Corp	P O Box 180, Fort Wayne	HA[illegible]
Kan	Dun-Bar Mid-States Co	P O Box 848, Coffeyville	CL1-4840
Mass	R P Mahan Co	Sandy Pond Rd. South Lincoln	CL9-9300
NY	Durham Aircraft Services, Inc	56-15 Northern Blvd. Woodside 77	AS4-9000
Ohio	Brennan Industries	4394 Lee Rd. Cleveland 30	SK1-7510
Pa	W C Sales Rep	P O Box 109, Easton	BL2-8300
Utah	Bob Higgins	1018 E 4th S, Salt Lake City	
W Va	O J Harper Sales Co	97 Tobin Ave, Renton, Wash	AL5-0414
Wis	William Clark	P O Box 3608, Milwaukee 17	FL2-9590
	TKM ELECTRIC CORP	820 Linden Ave. Rochester 25 NY	LU6-8000
	A Treman 365-895		
	TRG INC	9 Union Sq. Somerville 43, Mass	MO6-8680
	G Brown #7 *26 E 45-845-895-1135-1170		
Ariz	Windsor Dynamics Inc	14509 Dickens St. Sherman Oaks, Cal	ST9-2421
Ark	Industrial Assoc. Electr. Inc	2311 Farrington Ave. Dallas 7, Tex	RI8-0777
Cal	Windsor Dynamics Inc	14509 Dickens St. Sherman Oaks	ST9-2421
Del	Eastern Instrumentation Inc	808 Ingleside Ave. Baltimore, Md	RI4-3676
DC	Eastern Instrumentation Inc	808 Ingleside Ave. Baltimore, Md	RI4-3676
Ill	Walter F Welsh and Assoc. Inc	244 Chicago Ave. Oak Park	EU6-2567
Kan	Ind. Assoc. Electr. Inc	2311 Farrington Ave. Dallas, Tex	RI8-0777
La	Ind. Assoc. Electr. Inc	2311 Farrington Ave. Dallas, Tex	RI8-0777
Md	Eastern Instrumentation Inc	808 Ingleside Ave. Baltimore	RI4-3676
Mass	Carl Wittig Assoc	Livingston Circle, Needham	HI4-6534
Nev	Windsor Dynamics Inc	14509 Dickens St. Sherman Oaks, Cal	ST9-2421
NJ	Eastern Instrumentation Inc	808 Ingleside Ave. Baltimore, Md	RI4-3676
NJ	F & F Assoc	5 Dorchester Rd. Emerson	MU7-6477
NM	Ind Assoc. Electr. Inc	2311 Farrington Ave. Dallas, Tex	RI8-0777
NY	F & F Assoc	297 Cherry Pl. E. Meadow	MU7-6477
Okla	Ind Assoc. Electr. Inc	2311 Farrington Ave. Dallas, Tex	RI8-0777
Pa	Eastern Instrumentation Inc	821 Homestead Rd. Jenkintown	TU4-7200
RI	Carl Wittig Assoc	Livingston Circle, Needham, Mass	HI4-6534
Tex	Ind Assoc. Electr. Inc	2311 Farrington Ave. Dallas	RI8-0777
Va	Eastern Instrumentation Inc	808 Ingleside Ave. Baltimore, Md	RI4-3676
For	European Technical Coverage Inc	7 rue de la Cite, Geneva, Switzerland	
	TRW COMPUTERS CO	8433 Fallbrook Ave. Canoga Park, Cal	DI7-9771
	D McGurk *120 E 338-1435		
Cal	TRW Computers Co	2[illegible] N. Camden Dr. Beverly Hills	BR2-8892
Ill	TRW Computers Co	20[illegible] S. Michigan Ave. Chicago 4	HA7-6348

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NY	TRW Computers Co	230 E. 42nd St. NY	MU2-8488
Tex	TRW Computer Co	1950 Esperson Bldg. Houston	CA7-5313
For	A G Yarkovsky	4, Yonbancho, Chiyoda-ku, Tokyo, Jap.	
For	Raj M Kapoor	34 Ganesh Chandra Ave. Calcutta 13, India	
	T T ELECTRONICS INC	P. O. Box 180, Culver City, Cal	UP0-3213
	J Sadoro #3 *15 320-670-1340		
Cal	Sadaro Co	3753 S. Robertson Blvd, Culver City	UP0-6001
Cal	Sadaro Co	329 Clay St, San Francisco 11, Cal	DO2-0616
Conn	Arthur E Akeroyd Co	P.O. Box 84, Fairfield, Conn	
DC	Houser Associates	734 15th St, N.W., Washington 5, DC	ME8-3384
Fla	L E Bernhart	1002 Gorda Rd, Jacksonville 11, Fla	RA4-0967
Ill	Frank Tye Sales	1039 Willow St, Chicago 14, Ill	WH4-4881
Mass	Arthur E Akeroyd Co	70 Reservoir Rd, Chestnut Hill 67	RE4-2433
Miss	L R Massey Co	304 E. Jefferson St, Greenwood, Miss	GL3-3038
NJ	Houser Associates	100 Water St, Perth Amboy, NJ	HI2-3159
NY	John Di Blasi Assoc. Inc	90 Main St. Port Washington	PO7-0470
NY	M L Spitzer Co	Box 2324, Buffalo 23	DE6-163
Ohio	Ed Magee & Co	2600 Far Hills Ave. Dayton 19	AX9-2333
Tenn	L R Massey Co	3020 Kaye St, Memphis, Tenn	
Tex	Spotswood W Lomax	6414 Del Norte Ln, Dallas 25, Tex	EM1-1134
Wash	Benno Persitz & Assoc	500 Wall St. Seattle	MA2-0793
Can	Patton Aircraft of Can. Ltd	132 Laird Dr. Toronto, Ont	HU3-1173
	TV DEVELOPMENT CORP	469 Jericho Tpke. Mineola, NY	PI7-3900
	S Eisenberg #3 *22 E 960		
	Sales Representatives: See Beaver Labs Inc.		
	TABER INSTRUMENT CORP	107 Goundry St. N. Tonawanda, NY	NX3-8930
	L Barker #15 *80 330-338-895-1850-1870		
Ala	Medco of Melbourne Inc	Box 216, Melbourne, Fla	PA3-7015
Ark	J Y Schoonmaker Co	5328 Redfield Ave. Dallas 35, Tex	LA6-7238
Cal	R Halvorson	Box 479, Carmichael	IV7-5574
Colo	Parrish Electronics	2130 S. Albion, Denver 22	SK6-5455
Conn	Drew Assoc	Box 467, Bedford, Mass	CR4-7232
Del	W A Brown & Assoc. Inc	3610 Mt. Vernon Rd. Alexandria, Va	TE6-1800
DC	W A Brown & Assoc. Inc	3610 Mt. Vernon Rd. Alexandria, Va	TE6-1800
Fla	Medco of Melbourne Inc	Box 216, Melbourne	PA3-7016
Ga	Medco of Melbourne Inc	Box 216, Melbourne, Fla	PA3-7016
Me	Andrus-Peskin Co	Box 394, Natick, Mass	OL3-3519
Md	W A Brown & Assoc. Inc	3610 Mt. Vernon Rd. Alexandria, Va	TE6-1800
Mass	Drew Associates Inc	Box 467, Bedford, Mass	CR4-7232
Mass	Drew Assoc	Box 467, Bedford	CR4-7232
Mich	E Saries Co	29473 Concord Dr. Westlake, Ohio	ED1-8911
Nev	Parrish Electronics	2130 S. Albion, Denver 22, Colo	SK6-5455
NH	Andrus-Peskin Co	Box 394, Natick, Mass	OL3-3519
NJ	Tek-Sel Inc	54 Rt 17, Paramus, NJ	HU9-7210
NM	Parrish Electronics	2130 S. Albion, Denver 22, Colo	SK6-5455
NY	Tek-Sel Inc	54 Rt 17, Paramus, NJ	HU9-7210
Ohio	E Saries Co	29473 Concord Dr. Westlake	ED1-8911
Okla	J Y Schoonmaker Co., Inc	5328 Redfield Ave, Dallas 35, Tex	LA6-7238
Ore	R M Halvorson	Box 479, Carmichael, Cal	IV7-5574
RI	Drew Assoc. Inc	Box 467, Bedford, Mass	CR4-7232
Tex	J Y Schoonmaker Co	5328 Redfield Ave. Dallas 35	LA6-7238
Utah	Parrish Electronics	2130 S. Albion, Denver, Colo	SK6-5455
Vt	Andrus-Peskin Co	Box 394, Natick, Mass	OL3-3519
Va	W A Brown & Assoc	3610 Mt. Vernon Rd. Alexandria	TE6-1800
Wash	R M Halvorson	Box 479, Carmichael, Cal	IV7-5574
	TABET MFG CO., INC	1336 Ballentine Blvd, Norfolk, Va.	MA2-1973
	M Tabet #6 *103 D 45-360-1735		
Ala	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	
Conn	E J Gondlett	44 Fuller St, Waban, Mass	
DC	Eliot R Selinger & Associates	8237 Georgia Ave, Silver Spring, Md	
Fla	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	
Ga	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery 9, Ala	
Ill	Fred Hossfeld Associates	212 S. Oak Park, Oak Park, Ill	
Ind	Fred Hossfeld Associates	212 S. Oak Park, Oak Park, Ill	
Iowa	Fred Hossfeld Associates	212 S. Oak Park, Oak Park, Ill	
Me	E J Gondlett	44 Fuller St, Waban, Mass	
Md	Eliot R Selinger & Associates	8237 Georgia Ave, Silver Spring, Md	
Mass	E J Gondlett	44 Fuller St, Waban, Mass	
Minn	Fred Hossfeld Associates	212 S. Oak Park, Oak Park, Ill	
Miss	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	
Mo	Fred Hossfeld Associates	212 S. Oak Park, Oak Park, Ill	
NH	E J Gondlett	44 Fuller St, Waban, Mass	
NJ	J A Simberkoff & Associates	88 Hudson St, Hoboken, NJ	
NY	J A Simberkoff & Associates	88 Hudson St, Hoboken, NJ	
NC	Eliot R Selinger & Associates	8237 Georgia Ave, Silver Spring, Md	
SC	Eliot R Selinger & Associates	8237 Georgia Ave, Silver Spring, Md	
Tenn	Fred Wamble Sales Co	3867 Sherwood Dr, Montgomery, Ala	
Vt	Eliot R Selinger & Associates	8237 Georgia Ave, Silver Spring, Md	
	TABLET & TICKET CO	1021 W. Adams St, Chicago 7, Ill	HA1-3883
	895-965		
	TADCO MFG INC	Box 741, Gloucester, Mass	6060
	A Shaw *18 C 435-965-1190-1295-1530		
	TAFFET ELECTRONICS INC	2705 Bklyn-Queens Expwy, W., Woodside 77, NY	RA1-3500
	I Taffet #5 *105 E 45-50-135-180-185-220-230-345-390-670-885-895-1045-1110-1425		
•	**TAIYO YUDEN CO. LTD**	25 Kanda-gokon-cho, Chiyoda-ku, Tokyo Jap.	831-0764
	I Watai #105 *1,847 E 215-220-300		
	TAKK CORP	Box 346, Newark, Ohio	DI4-3115
	W Krouse #1 *6 A 895		
	TALK-A-PHONE CO	5013 N. Kedzie Ave, Chicago 25, Ill	KE9-1100
	D Kagan 325-910		
Cal	Ealy & Co	Box 238, Northridge	DI4-7549
Cal	F W Muthrop Co	1510 E 12th St, Oakland	AN1-7676
Colo	Art J Nelson Co	700 E. Louisiana St, Denver, Colo	PE3-5528
Fla	Stanley K Wallace Associates	P.O. Box 67, Lutz, Fla	WE9-3241
Ill	D Hale Dennold	5965 N. Lincoln Ave, Chicago, Ill	LO1-[illegible]

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ind	Delta Sales Inc	2136 E. 52 St, Indianapolis, Ind	CL1-3564
Mass	Abbett & Hustis	P.O. Box 293, Needham, Mass	HI4-5470
Mich	Rod Butchart Co	16637 E. Warren, Detroit, Mich	TU2-6666
Minn	Northern States Sales Co	1400 Park Ave, Mpls	FE3-2521
Mo	Koenig-Myers Associates	4538 Main St, Kansas City	JE1-7221
NY	Land-C-Air Sales Co	76 Main St, Tuckahoe, NY	WO1-4700
Ohio	Les A Morrow Co	3123 W. 117th St, Cleveland, Ohio	CL1-5700
Tex	Mil F Klicpera Co	P.O. Box 3113, Houston, Tex	JA2-8459
For	Ortiz Bros, Int	1801 W Larchmont, Chicago 13, Ill	BI8-6518
	TALKMASTER INC	**534 Laurel St, San Carlos, Cal**	**LY3-9515**
	990		
	TALLY REGISTER CORP	**1310 Mercer St, Seattle 9, Wash**	**MA4-0760**
	F Portis #12 *58 D 325-338-430-895		
Ariz	H W Ruby & Associates	P.O. Box 63, La Canada, Cal	SY0-3195
Ark	Mitchell Speairs Co	4944 James Ave, Ft. Worth, Tex	WA6-4444
Cal	H W Ruby & Associates	P.O. Box 63, La Canada, Cal	SY0-3195
Colo	Parrish Electronics	2130 S. Albion St, Denver 22	SK6-9455
Conn	Wild & Associates Inc	1519 Northern Blvd, Roslyn, NY	MA1-8660
Del	Wild & Associates Inc	1519 Northern Blvd, Roslyn, NY	MA1-8660
DC	Wild & Associates Inc	1519 Northern Blvd, Roslyn, NY	MA1-8660
Idaho	R Drake & Assoc	455 E. 25th St, Idaho Falls	JA2-7992
Ill	Pivan Engineering Co	3542 Peterson Ave, Chicago 45, Ill	BR4-9135
Ind	D Duke-Pivan Engr	10302 N. College Ave, Indpls 20	UI6-1532
Iowa	Pivan Engineering Co	3542 Peterson Ave, Chicago 45, Ill	BR4-9135
Kan	Engineering Services Co	4550 Main St, Kansas City, Mo	JE1-7765
Ky	Dayton Associates	Talbott Tower, Dayton 2, Ohio	BA3-9621
La	Mitchell Speairs Co	4944 James Ave, Ft. Worth, Tex	WA6-4444
Me	Wild & Associates Inc	1519 Northern Blvd, Roslyn, NY	MA1-8660
Md	Carl Engel Co	1011 N. Highland St, Arlington, Va	JA4-2274
Mass	Wild & Assoc	Box 66 Needham 92	HI4-2366
Minn	Engineering Products Associates	1821 University Ave, St. Paul, Minn	MI6-3443
Mo	Engineering Services Co	4550 Main St, Kansas City, Mo	JE1-7765
Mont	Rush Drake & Associates	1806 Bush Pl, Seattle, Wash	EA3-8545
Neb	Engineering Services Co	4550 Main St, Kansas City, Mo	JE1-7765
Nev	H W Ruby & Associates	P.O. Box 63, La Canada, Cal	SY0-3195
NH	Wild & Associates Inc	1519 Northern Blvd, Roslyn, NY	MA1-8660
NJ	Wild & Associates Inc	1519 Northern Blvd, Roslyn, NY	MA1-8660
NM	Parrish Electronics	1437 San Mateo NE, Albuquerque	268-6791
NY	Wild & Associates Inc	1519 Northern Blvd, Roslyn, NY	MA1-8660
NC	M J McDonald Co	Rt. 1, Pfafftown	WA4-2182
ND	Engineering Products Associates	1821 University Ave, St. Paul 4, Minn	MI6-3443
Ohio	Dayton Associates	Talbott Tower, Dayton 2, Ohio	BA3-9621
Okla	Mitchell Speairs Co	4944 James Ave, Ft. Worth, Tex	WA6-4444
Ore	Rush Drake & Associates	1806 Bush Pl, Seattle, Wash	EA3-8545
Pa	B Dempster	Box 95, Southampton	LO8-7078
RI	Wild & Associates Inc	1519 Northern Blvd, Roslyn, NY	MA1-8660
SC	M J McDonald Co	Rt. 1, Pfafftown, NC	WA4-2182
SD	Engineering Products Associates	1821 University Ave, St. Paul 4, Minn	MI6-3443
Tenn	M J McDonald Co	Rt. 1, Pfafftown, NC	WA4-2182
Tex	Mitchell Speairs Co	4944 James Ave, Ft. Worth, Tex	WA6-4444
Tex	M Speairs Co	Box 35007, Houston	
Tex	C Leath	526 Salem Dr. Richardson	AD5-8097
Utah	Parrish Electronics	12 E. Stratford Ave. Salt Lake City	HU7-7847
Vt	Wild & Associates Inc	1519 Northern Blvd, Roslyn, NY	MA1-8660
Va	J Heffernan	1011 N. Highland St. Arlington	JA4-2274
Wash	Rush Drake & Associates	1806 Bush Pl, Seattle, Wash	EA3-8545
W. Va	Dayton Associates	Talbott Tower, Dayton 2, Ohio	BA3-9621
Wisc	Pivan Engineering Co	3542 Peterson Ave, Chicago 45, Ill	BR4-9135
	TAMAR ELECTRONICS INC	**2045 W. Rosecrans, Gardena, Cal**	**FA1-5050**
	R Parsons #41 *260 E 25-45-190-325-345-360-670-1135		
Fla	Charles Proctor Co	Box 3185, Orlando	GA4-8485
Ohio	Max Gams	1018 Knott Bldg. Dayton 2	BA4-4761
	TAMMEN & DENISON INC DIV LAND-AIR INC	**4751 N. Olcott Ave, Chicago, Ill**	**UN7-8844**
	338		
	TANDBERG OF AMERICA INC	**8 Third Ave, Pelham, NY**	**PE8-0228**
	R Bowman Jr #2 *20 D 1435-1675		
Ala	L D Roddey	4242 Waterbury Dr, Charlotte 9, NC	JA3-5437
Alaska	William R Lamphear Co	3215 Western Ave, Seattle 1, Wash	AT4-8150
Ariz	Barstow & Doran Inc	1406-08 S. Grand Ave, L A 15, Cal	RI9-0438
Ark	Maynard Sales Co	2410 Harry Hines Blvd. Dallas, Tex	
Cal	Technical Sales Assoc	1485 Bayshore Blvd. SF	DE4-0506
Cal	Barstow & Doran Inc	1406-08 S. Grand Ave, L A 15, Cal	RI9-0438
Colo	Stan Clughf & Associates	75 S. Cody Ct, Denver, Colo	BE3-6025
Conn	Donald T Hankins	159 Huntington Ave, Boston 15, Mass	CO6-4041
Del	Continental Electronics	5705 Colfax Ave, Alexandria, Va	CL6-5845
DC	Continental Electronics	5705 Colfax Ave, Alexandria, Va	CL6-5845
Fla	Gus Jose	P.O. Box 208, N. Miami Beach, Fla	WI7-1347
Ga	L D Roddey	4242 Waterbury Dr, Charlotte 9, NC	JA3-5437
Hawaii	Barstow & Doran Inc	1406-08 S. Grand Ave, L A 15, Cal	RI9-0438
Idaho	William Lamphear Co	3215 Western Ave, Seattle 1, Wash	AT4-8150
Ill	Loren F Green & Associates	5218 W. Diversey Ave, Chicago 39, Ill	PA5-6824
Ind	Loren F Green & Associates	5218 W. Diversey Ave, Chicago 39, Ill	PA5-6824
Iowa	Robert R Shaw	7800 Kenridge Ln, Webster Groves, Mo	CH1-6815
Kan	Robert R Shaw	7800 Kenridge Ln, Webster Groves, Mo	CH1-6815
Ky	Loren F Green & Associates	5218 W. Diversey Ave, Chicago 39, Ill	PA5-6824
La	Maynard Sales Co	2410 Harry Hines Blvd. Dallas, Tex	
Me	Donald T Hankins	159 Huntington Ave, Boston 15, Mass	CO6-4041
Md	Continental Electronics	5705 Colfax Ave, Alexandria, Va	CL6-5845
Mass	Donald T Hankins	159 Huntington Ave, Boston 15, Mass	CO6-4041
Mich	Rod Butchart Co	16637 E. Warren, Detroit 24, Mich	LA6-6551
Minn	Stan Clothier Co., Inc	12 W. 58th St, Minneapolis 19, Minn	TA5-1234
Miss	L D Roddey	4242 Waterbury Dr, Charlotte 9, NC	JA3-5437
Mo	Robert R Shaw	7800 Kenridge Ln, Webster Groves, Mo	WO2-4590
Mont	Stan Clughf & Associates	75 S. Cody Ct, Denver, Colo	BE3-6025
Neb	Robert R Shaw	7800 Kenridge Ln, Webster Groves, Mo	WO2-2490
Nev	Barstow & Doran Inc	1406-08 S. Grand Ave, L A 15, Cal	RI9-0438
NH	Donald T Hankins	159 Huntington Ave, Boston 15, Mass	CO6-1041
NJ	Gilbert E Miller Associates	47 Birchwood Park Dr, Jericho, NY	OV1-6335
NM	Stan Clughf & Associates	75 S. Cody Ct, Denver, Colo	BE3-6025
NY	Gilbert E Miller Associates	47 Birchwood Park Dr, Jericho, NY	OV1-6335

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NY	Donald T Hankins	159 Huntington Ave, Boston 15, Mass	CO6-1041
NC	L D Roddey	4242 Waterbury Dr, Charlotte 9, NC	JA3-5437
ND	Stan Clothier Co., Inc	12 W. 58th St, Minneapolis 19, Minn	JA3-5437
Ohio	Robert W Peters	350 E. 215th St. Euclid 23, Ohio	AN1-2330
Okla	Maynard Sales Co	2410 Harry Hines Blvd. Dallas, Tex	
Ore	William Lamphear Co	3215 Western Ave, Seattle 1, Wash	AT4-8150
Pa	Continental Electronics	5705 Colfax Ave, Alexandria, Va	CL6-5845
RI	Donald T Hankins	159 Huntington Ave, Boston 15, Mass	CO6-1041
SC	L D Roddey	4242 Waterbury Dr, Charlotte 9, NC	JA3-5437
SD	Stan Clothier Co., Inc	12 W. 58th St, Minneapolis 19, Minn	TA5-1234
Tenn	L D Roddey	4242 Waterbury Dr, Charlotte 9, NC	JA3-5437
Tex	Maynard Sales Co	2410 Harry Hines Blvd. Dallas	
Utah	Stan Clughf & Associates	75 S. Cody Ct, Denver, Colo	BE3-6025
Vt	Donald T Hankins	159 Huntington Ave, Boston 15, Mass	CO6-4041
Va	Continental Electronics	5705 Colfax Ave, Alexandria, Va	CL6-5845
Wash	William Lamphear Co	3215 Western Ave, Seattle 1, Wash	AT4-8150
W. Va	Robert W Peters	350 E. 215th St. Euclid 23, Ohio	RE1-9428
Wisc	Loren F Green & Associates	5218 W. Diversey Ave, Chicago 39, Ill	PA5-6824
Wyo	Stan Clughf & Associates	75 S. Cody Ct, Denver 15, Colo	BE3-6025
Can	Engineered Sound Systems Ltd	167 Kipling Ave. S, Toronto, Ont	BE3-2155
Can	Hans Clifton	345 W Osborne Rd. N, Vancouver, BC	YU5-1086
	TANG INDUSTRIES, INC	**400 Main St. Waltham 54, Mass**	**TW4-6060**
	N Pagani #25 *120 E 15-235-250-370-410-695-735-885-895-1075-1100-1125-1150-1655-1850		
Ariz	Tang Semiconductor Materials, Inc	Natick, Mass	OL5-1520
Cal	Tang Semiconductor Materials, Inc	Mercer Rd. Natick, Mass	OL5-1520
Conn	Tang Semiconductor Materials, Inc	Mercer Rd. Natick, Mass	OL5-1520
Ill	Carl Engel Co	Chicago, Ill	UP8-6363
Ind	Carl Engel Co	Chicago, Ill	UP8-6363
Mass	Integron, Inc	400 Main St. Waltham	TW4-6060
NJ	Tang Semiconductor Materials, Inc	Mercer Rd. Natick, Mass	OL5-1520
NY	Tang Semiconductor Materials, Inc	Mercer Rd. Natick, Mass	OL5-1520
Pa	Schumacher Assoc	Abington, Pa	TU4-7808
RI	Integron Inc	400 Main St. Waltham, Mass	TW4-6060
Tex	Tang Semiconductor Materials, Inc	Natick, Mass	OL5-1520
Vt	Integron, Inc	400 Main St. Waltham, Mass	TW4-6060
	TANNER ENGINEERING CO	**1003 Santa Fe Ave. Los Angeles 21, Cal**	**MA3-1226**
	W Jitner #3 *21 B 120-230-715-1290-1545-1565-1890-1940		
	TANNOY (AMERICA) LTD	**Box 177, East Norwich, NY**	**WA2-0780**
	55-895-1130-1675-1705		
•	**TANSITOR ELECTRONICS, INC**	**1000 West Rd. Bennington, Vt**	**5473**
	C Lemaine #30 *300 E 220		
Ala	Frank C Nickerson	P O Box 1185, Decatur, Ga	ME6-2752
Ariz	John Estelle	318 W State Ave, Phoenix	CR7-0506
Ark	Edward F Aymond Co	P O Box 6595, Dallas, Tex	LA6-5233
Cal	Ash Wood Co	P O Box 1158, Arcadia	CU3-1201
Colo	Richard Torrisi	2691 S Zurich Ct. Denver 19	
Conn	Tansitor Electronics Inc	102 Valentine St. Mount Vernon, NY	4-4342
Del	Alfred Holden	1133 Gypsy Ln W, Towson, Md	VA3-3763
DC	Alfred Holden	1133 Gypsy Ln W, Towson, Md	VA3-3763
Fla	George Bohman	711 Magnolia Ave, Orlando, Fla	GA5-6910
Ga	Frank C Nickerson	P O Box 1185, Decatur	ME6-2752
Idaho	Shaffer & Nelson Inc	W 1835 Broadway, Spokane 10, Wash	FA7-9528
Ill	Memac Sales Co	4740 N Austin Ave. Chicago 30	KI5-1033
Ill	E B Schwerin Co	817 Gerald Ave. St Louis 35, Mo	JA1-8725
Ind	Augey Natalino & Associates	P O Box 644, Stow, Ohio	OV8-3930
Iowa	E B Schwerin Co	4210 Main St. Kansas City 11, Mo	WE1-7564
Kan	E B Schwerin Co	4210 Main St. Kansas City 11, Mo	WE1-7564
Md	Alfred Holden	1133 Gypsy Ln W, Towson	VA3-3763
Mass	Alexander Hubert	P.O. Box 143, Brookline, Mass	CO2-0027
Mich	Henschen & Jensen Co	2842 W Grand Blvd, Detroit 2	TR1-0308
Minn	I I Aaron & Associates Inc	614 E. Grant St, Minneapolis, Minn	FE6-6659
Minn	Howard A Cullen & Associates	3424 E Lake St. Minneapolis 6	PA4-3988
Mo	E B Schwerin Co	4210 Main St. Kansas City 11	WE1-7564
Mont	Shaffer & Nelson Inc	W 1835 Broadway, Spokane 10, Wash	FA7-9528
NH	Alexander Hubert	P O Box 143, Brookline, Mass	
NJ	Harry J White Co. Inc	121 Covered Bridge Rd. Haddonfield	HA8-2304
Neb	E B Schwerin Co	4210 Main St. Kansas City 1, Mo	WE1-7564
NJ	Tansitor Electronics Inc	102 Valentine St. Mount Vernon, NY	4-4342
NY	Tansitor Electronics Inc	102 Valentine St, Mt. Vernon, NY	4-4342
NY	S F Foster Co	204 Southfield Dr. Fayetteville	7-9489
NY	S F Foster Co	Fayettsville, NY	NE7-9489
NC	Frank C Nickerson	P O Box 1185, Decatur, Ga	ME6-2752
Ohio	Augey Natalino	Box 644, Stow, Ohio	OV8-3930
Okla	Edward F Aymond Co	P O Box 6595, Dallas, Tex	LA6-5233
Ore	Shaffer & Nelson Inc	1001 SE Water Ave. Portland 14	BE4-7437
Pa	Augey Natalino Associates	P O Box 644, Stow, Ohio	OV8-3930
Pa	Harry J White Co. Inc	121 Covered Bridge Rd. Haddonfield, NJ	HA8-2304
RI	Alexander Hubert	P O Box 143, Brookline, Mass	CO2-0027
SC	Frank C Nickerson	P O Box 1185, Decatur, Ga	ME6-2752
Tenn	Frank C Nickerson	P O Box 1185, Decatur, Ga	ME6-2752
Tex	Edward F Aymond Co	P O Box 6595, Dallas	LA6-5233
Utah	Shaffer & Nelson Inc	1415 S Main St. Salt Lake City 15	HU4-3302
Va	Alfred Holden	1133 Gypsy Ln W, Towson, Md	VA3-3763
Wash	Shaffer & Nelson Inc	1940 Occidental Ave. Seattle 4	MU2-0186
Wis	E A Dickinson & Associates	4117 N Green Bay Ave. Milwaukee	CO4-1080
For	Irvin I Aaron & Associates Inc	829 N Marshall St. Milwaukee, Wis	BR6-8515
•	**TAP-A-LINE MFG CO**	**Box 563, Pompano Beach, Fla**	**WH2-2948**
	R McFarlin #2 *50 B 375		
Ala	L R Massey	304 E. Jefferson St, Greenwood, Miss	GL3-3038
Ariz	Hoeger Inc	2528 W. 9th St, Los Angeles 6, Cal	DU7-6995
Ark	Antie Smith Sales	P.O. Box 35402, Dallas 35, Tex	FL7-7279
Cal	Hoeger Inc	2528 W. 9th St, Los Angeles 6, Cal	DU7-6995
Colo	Hoeger Inc	2528 W. 9th St, Los Angeles 6, Cal	DU7-6995
Del	E L Park	Patricia Dr. Holland, Pa	EL7-7805
DC	E L Park	Patricia Dr. Holland, Pa	EL7-7805
Fla	William F Hemminger	624 N.E. 79th St, Miami 38, Fla	PL9-0300
Ga	The Hiller Co	P.O. Box 5211, Winston-Salem, NC	PA5-8588
Hawaii	Hoeger Inc	2528 W. 9th St, Los Angeles 6, Cal	DU7-6995
Idaho	Hoeger Inc	2528 W. 9th St, Los Angeles 6, Cal	DU7-6995
Ill	Charles S Pollacheck	1500 E. Fairy Chasm Rd, Milw 17, Wisc	FL2-8650

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ind	Central Electronic Sales Co	19303 Fairport, Detroit, Mich	LA6-5841
Ky	Central Electronic Sales Co	19303 Fairport, Detroit, Mich	LA6-5841
La	Antie Smith Sales	P.O. Box 35402, Dallas 35, Tex	FL7-7279
Md	E L Park	Patricia Dr. Holland, Pa	EL7-7805
Mich	Central Electronic Sales Co	19303 Fairport, Detroit, Mich	LA6-5841
Miss	L R Massey	304 E. Jefferson St, Greenwood, Miss	GL3-3038
Mont	Hoeger Inc	2528 W. 9th St, Los Angeles 6, Cal	DU7-6995
Nev	Hoeger Inc	2528 W. 9th St, Los Angeles 6, Cal	DU7-6995
NJ	E L Park	Patricia Dr. Holland, Pa	EL7-7805
NJ	Morris J Hacker	217-18 48th Ave, Bayside 64, NY	BA4-5361
NM	Hoeger Inc	2528 W. 9th St, Los Angeles 6, Cal	DU7-6995
NY	Morris J Hacker	217-18 48th Ave, Bayside 64, NY	BA4-5361
NC	The Hiller Co	P.O. Box 5211, Winston-Salem, NC	PA5-8588
Ohio	Sid Levin & Associates	6252 Mayfield Rd, Cleveland 24, Ohio	HI2-8340
Okla	Antie Smith Sales	P.O. Box 35402, Dallas 35, Tex	FL7-7279
Ore	Hoeger Inc	2528 W. 9th St, Los Angeles 6, Cal	DU7-6995
Pa	E L Park	Patricia Dr. Holland	EL7-7805
Pa	Sid Levin & Associates	6252 Mayfield Rd, Cleveland 24, Ohio	HI2-8340
SC	The Hiller Co	P.O. Box 5211, Winston-Salem, NC	PA5-8588
Tenn	The Hiller Co	P.O. Box 5211, Winston-Salem, NC	PA5-8588
Tenn	L R Massey	304 E. Jefferson St, Greenwood, Miss	GL3-3038
Tex	Antie Smith Sales	P.O. Box 35402, Dallas 35, Tex	FL7-7279
Utah	Hoeger Inc	2528 W. 9th St, Los Angeles 6, Cal	DU7-6995
Va	E L Park	Patricia Dr. Holland, Pa	EL7-7805
Wash	Hoeger Inc	2528 W. 9th St, Los Angeles 6, Cal	DU7-6995
W. Va	Sid Levin & Associates	6252 Mayfield Rd, Cleveland 24, Ohio	HI2-8340
Wisc	Charles S Pollacheck	1500 E. Fairy Chasm Rd, Milwaukee 17	FL2-8650
Wyo	Hoeger Inc	2528 W. 9th St, Los Angeles 6, Cal	DU7-6995
	TAPE-ATHON CORP	**523 S Hindry, Inglewood, Cal**	**OR8-5359**
	N Palm #3 *13 C 1435-1750-1760		
Ala	Cartwright & Bean	3223 Cains Hill Pl, N.W., Atlanta, Ga	
Alaska	Don Grinols	638 Emerson St, Seattle, Wash	
Ariz	Verne Linsley	2902 N. Villa Ave, Phoenix, Ariz	AP8-2766
Ark	Cartwright & Bean	580 S. Cooper, Memphis 4, Tenn	
Cal	Heaton Marco Associates	411 Lathrop St, Redwood City, Cal	EM9-5277
Cal	Douglas Rusch Communications	1832 S. Flower St, Los Angeles, Cal	RI7-9381
Conn	Paul Nief	15 Oak St. Westport	
Del	Brendan O'Hara	4952 Wynnefield Ave. Phila 31, Pa	GR3-3654
DC	Brendan O'Hara	4952 Wynnefield Ave. Phila 31, Pa	GR3-3654
Fla	Cartwright & Bean	2000 N.E. 29th Ct, N. Miami Beach, Fla	WI5-2962
Ga	Cartwright & Bean	3223 Cains Hill Pl, N.W., Atlanta, Ga	
Ill	Gene Clears	435 Indianwood, Park Forest, Ill	
Ind	Gene Clears	435 Indianwood, Park Forest, Ill	
Ky	Doug Cook	3170 N Meridian, Indianapolis, Ind	
La	Cartwright & Bean	821 Pontalba St, New Orleans, La	
Me	Paul Nief	15 Oak St. Westport, Conn	
Md	Brendan O'Hara	4952 Wynnefield Ave. Phila 31, Pa	GR3-3654
Mass	Paul Nief	15 Oak St. Westport, Conn	
Mich	Jim Flora	PO Box 538, Plymouth	
Minn	John E M Anderson	5231 Humboldt Ave S, Minneapolis 19	
Miss	Cartwright & Bean	821 Pontalba, New Orleans, La	
NH	Paul Nief	15 Oak St. Westport, Conn	
NJ	Gilbert E Miller	47 Birchwood Pk Dr, Jericho, NY	OV1-6335
NM	Verne Linsley	2902 N. Villa Ave, Phoenix, Ariz	AP8-2766
NY	Gilbert E Miller	47 Birchwood Pk Dr, Jericho, NY	OV1-6335
NC	Cartwright & Bean	625 Harwyn Dr, Charlotte, NC	
ND	John E M Anderson	5231 Humboldt Ave S, Mpls 19, Minn	
Ohio	H H Sery	3850 Fairlington Dr, Columbus 21, Ohio	HU8-9994
Okla	Pribble-Jones Associates	10665 Harry Hines Blvd. Dallas, Tex	
Ore	Dave Champlain	12528 22nd, N.E., Seattle 55, Wash	EM2-0401
Pa	Brendan O'Hara	4952 Wynnefield Ave. Phila 31	GR3-3654
Pa	H H Sery	3850 Fairlington Dr, Columbus 21, Ohio	HU8-9994
RI	Paul Nief	15 Oak St. Westport, Conn	
SC	Cartwright & Bean	625 Harwyn Dr, Charlotte, NC	
SD	John E M Anderson	5231 Humboldt Ave S, Mpls 19, Minn	
Tenn	Cartwright & Bean	580 S. Cooper, Memphis 4, Tenn	BR5-1914
Tex	Pribble-Jones Associates	10665 Harry Hines Blvd, Dallas	
Vt	Paul Nief	15 Oak St. Westport, Conn	
Va	Cartwright & Bean	625 Harwyn Dr, Charlotte, NC	
Wash	Dave Champlain	12528 22nd, N.E., Seattle, Wash	EM2-0401
W. Va	H H Sery	3850 Fairlington Dr, Columbus 21, Ohio	HU8-9994
Wis	Gene Clears	435 Indianwood, Park Forest, Ill	
For	Frazar & Hansen	301 Clay, San Francisco, Cal	
	TAPE CABLE CORP	**790 Linden Ave, Rochester 25, NY**	**LU6-0330**
	G Smith #5 *19 190		
Cal	Storm Products Co	2251 Federal Ave, L A	BR2-5371
Fla	William G Margot	2238 Duncan Dr, Largo, Fla	JU4-3745
Ill	KaDell Sales Assoc, Inc	5875 N Lincoln Ave, Chicago	LO1-3042
Mass	Richter Associates	645 E. Washington St, Hanson, Mass	HA6-7571
Mich	ABM Sales Co	10116 Puritan Ave, Detroit 38, Mich	UN2-1300
NY	S Wimpie Associates Inc	510 W. Boston Post Rd, Mamaroneck, NY	OW8-7100
NY	William Richter Corp	107 Dolores Terr S, N Syracuse	GL4-1051
Ohio	Deo Volente & Assoc	4240 Eagle Hurst Rd, Toledo	TU2-2830
Tex	Texas Avionics	4515 Prentice St, Dallas	EM3-3566
For	Tape Cable Corp	333 E 46th St, New York 17, NY	YU6-2244
	TAPESWITCH CORP OF AMERICA	**229-24 Linden Blvd. Cambria Hghts 11, NY**	**FL1-4069**
	M Cooney #2 *12 B 40-1735		
Cal	Autodyne Engineering Co	508 Cowper St. Palo Alto	DA1-0776
Cal	Calrepco	1417 Georgia St. Los Angeles 15	RI9-8485
Fla	Lynd A Walding	P O Box 7156, Miami 55	
Ga	Lynd A Walding	P O Box 3045, Atlanta 17	DR3-8346
Mo	Gordon Fixman Engineering Co	8160 Stanford Ave. St Louis 30	PA5-5219
NY	James Dolan	128-05 115th Ave S, Ozone Park 20	LA5-7795
Ohio	Midwest Sales Co	3219 W 117th St. Cleveland 11	WI1-2700
	TAPETONE INC	**Box 46, Webster, Mass**	**1727**
	T Lamson #7 *26 A 365-895-1425-1870		
Md	Ed Braddock	P.O. Box 305, Haddonfield, NJ	HA4-0087

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TARC ELECTRONICS DIV, GOTHAM BROADCASTING CORP	**48 Urban Ave, Westbury, NY**	**ED4-3900**
	G Gordon #6 *52 D 338-895-1340		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TASK CORP	**1009 E. Vermont Ave. Anaheim, Cal**	**PR4-3100**
	E Ward #28 *110 E 20-195-370-445-895-915-1165		
Fla	Mace Assoc, Inc	1143 Mary St, Jacksonville 7	FL9-4931
Ohio	Lux Gans	1018 Knott Bldg, Dayton 1	BA4-4761
Wash	Roy H Cooley	101 Jones Bldg, Seattle 1	EU2-4567

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
•	**TAURUS CORP**	**Washington St. Lambertville, NJ**	**EX7-2390**
	L Larson #3 *51 338-1780		
Ariz	W Bert Knight Co	P O Box 11794, Phoenix	
Cal	W Bert Knight Co	10377 W Pico Blvd, Los Angeles	BR2-0101
Conn	Forsberg Electric Sales	125 Perkins Ave, Brockton, Mass	JU3-0034
DC	H S Bancroft	299 Cooper St, Collingswood, NJ	CO5-5215
Fla	William W Jones Co	711 Magnolia Ave, Orlando, Fla	GA4-6298
Ga	William W Jones Co	1437 Kenilworth Dr, S.W., Atlanta 10, Ga	
Ind	Hoenig Sales Co	Butler Ct, Fort Wayne 8, Inc	AN[illegible]
Me	Forsberg Electric Sales	125 Perkins Ave, Brockton, Mass	JU3-0034
Md	H S Bancroft	299 Cooper St, Collingswood, NJ	CO5-5215
Mass	Forsberg Electric Sales	125 Perkins St, Brockton, Mass	JU3-0034
NH	Forsberg Electric Sales	125 Perkins Ave, Brockton, Mass	JU3-0034
NJ	C H Mayer	P.O. Box 152, Huntington, NY	WE8-2405
NY	Young Associates	907 Monroe Ave, Rochester, NY	BR1-2136
NY	C H Mayer	P.O. Box 152, Huntington, NY	WE8-2405
NC	William W Jones Co	1107 Echo Ct, N., Towson 4, Md	VA3-2434
Ohio	Walter J Brauer	16631 Lakewood Heights Blvd, Cleveland	LA1768
Pa	H S Bancroft	299 Cooper St, Collingswood, NJ	WE8-2405
RI	Forsberg Electric Sales	125 Perkins Ave, Brockton, Mass	JU3-0034
SC	William W Jones	1107 Echo Ct, N., Towson 4, Md	VA3-2434
Tenn	William W Jones Co	1107 Echo Ct, N., Towson 4, Md	VA3-2434
Vt	Forsberg Electric Sales	125 Perkins Ave, Brockton, Mass	JU3-0034
Va	William W Jones	1107 Echo Ct, N., Towson 4, Md	VA3-2434
W. Va	William W Jones Co	1107 Echo Ct, N., Towson 4, Md	VA3-2434

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TAYLOR ELECTRIC INC	**Fisher Rd. Howell, Mich**	**2985**
	B Taylor #2 *15 C 545-1290-1985		
Ala	Industrial Elec Co	123 S. 11th St, Nashville 6, Tenn	AL6-4906
Ala	R L Diller & Assoc	2707A E. Atlantic, Pompano Beach, Fla	WH1-2706
Ariz	Western Specialty Co	18 E. Lincoln Ave, Phoenix, Ariz	AL4-1866
Ark	J Earl Smith	Box 35331 Airlawn Sta, Dallas 35, Tex	FL7-1727
Cal	K M Ryala Co	461 Market St, San Francisco 5, Cal	YU2-5510
Cal	Calresco	1417 Georgia St, Los Angeles 15, Cal	RI9-8485
Colo	Bynum Engr Sales Co	6025 E. First Ave, Denver 20, Colo	EA2-5865
Conn	Macdonald-Wadman Co Inc	1213 Chestnut, Newton Upper Falls, Mass	WO9-8980
Del	L C Conover Assoc	1737 Chestnut St, Philadelphia 3, Pa	RI6-9574
Fla	R L Diller & Assoc	2707A E. Atlantic Blvd, Pompano Beach	WH1-2706
Ga	Industrial Elec Co	123 S. 11th St, Nashville 6, Tenn	AL6-4906
Ga	R L Diller & Assoc	2707A E. Atlantic Blvd, Pompano Bch, Fla	WH1-2706
Idaho	Wm A Matzke Co	809A Terminal Sales Bldg, Seattle, Wash	SE4257
Ill	Jay C Angel & Co	2743 W. Peterson Ave, Chicago 45, Ill	UP8-0653
Ind	Jay C Angel & Co	2743 W. Peterson Ave, Chicago 45, Ill	UP8-0653
Ind	McKay Equipment Co	4850 Cooper Rd, Cincinnati 42, Ohio	TW1-7122
Iowa	Jay C Angel & Co	2743 W. Peterson Ave, Chicago 45, Ill	UP8-0653
Iowa	Central States Engr & Sales	5020 Blondo St, Omaha 4, Neb	GL3903
Kan	Maury E Bettis Co	5676 Kathryn Dr, Berkeley, Mo	HA9-2099
Ky	McKay Equipment Co	4850 Cooper Rd, Cincinnati 42, Ohio	TW1-7122
La	J Earl Smith	Box 35331, Airlawn Sta, Dallas 35, Tex	FL7-1727
Me	Macdonald-Wadman Co Inc	1213 Chestnut, Newton Upper Falls, Mass	WO9-8980
Md	L C Conover Assoc	1737 Chestnut St, Philadelphia 3, Pa	RI6-9574
Mass	Macdonald-Wadman Co., Inc	1213 Chestnut St, Newton Upper Falls	WO9-8980
Mich	E B Dewey Co	P.O. Box 442, Kalamazoo 99, Mich	FI4-6163
Minn	G E Ameson & Co	1407 Holdridge Ln, Wayzata, Minn	MI4-5844
Miss	J Earl Smith	Box 35331, Airlawn Sta, Dallas 35, Tex	FL7-1727
Mo	Maury E Bettis Co	5676 Kathryn Dr, Berkeley 21, Mo	HA9-2099
Mont	Wm A Matzke Co	809A Terminal Sales Bldg, Seattle, Wash	SE4257
Neb	Central States Engr & Sales	5020 Blondo St, Omaha 4, Neb	GL3903
Nev	Paul Western Specialty Co	18 E. Lincoln Ave, Phoenix, Ariz	AL4-1866
Nev	K M Ryala Co	461 Market St, San Francisco 5, Cal	YU2-5510
NJ	Kaelber & Mack	1 Park Ave, Manhasset, NY	MA7-6620
NJ	L C Conover Assoc	1737 Chestnut St, Philadelphia 3, Pa	RI6-9574
NM	Bynum Engineering Sales Co	6025 E. First Ave, Denver 20, Colo	EA2-5865
NY	Kaelber & Mack	1 Park Ave, Manhasset, NY	MA7-6620
NY	H J Rittenhouse Co	543 Clinton Ave, S., Rochester 20, NY	BA5-2340
NC	Electronex Assoc	2904 W. Clay St, Richmond 21, Va	EL8-5040
ND	G E Ameson & Co	1407 Holdridge Ln, Wayzata, Minn	MI4-5844
Ohio	Matthew W Haley Co	5516 Hollywood Dr, Parma 29, Ohio	TU4-8460
Ohio	McKay Equipment Co	4850 Cooper Rd, Cincinnati 42, Ohio	TW1-7122
Okla	J Earl Smith	Box 35331, Airlawn Sta, Dallas 35, Tex	FL7-1727
Ore	Wm A Matzke Co	809A Terminal Sales Bldg, Seattle, Wash	SE4257
Pa	W D Shields Jr	Investment Bldg, Pittsburgh 22, Pa	GR1-6946
RI	Macdonald-Wadman Co Inc	1213 Chestnut, Newton Upper Falls, Mass	WO9-8980
SC	Electronix Assoc	2904 W. Clay St, Richmond 21, Va	EL8-5040
SD	G E Ameson & Co	1407 Holdridge Ln, Wayzata, Minn	MI4-5844
Tenn	Industrial Electric Co	123 S. 11th St, Nashville 6, Tenn	AL6-4906
Tex	J Earl Smith	Box 35331, Airlawn Sta, Dallas 35, Tex	FL7-1727
Utah	Fread A Pease Co	4921 E. 38th Ave, Denver 7, Colo	
Vt	Macdonald Wadman Co., Inc	1213 Chestnut, Newton Upper Falls, Mass	WO9-8980
Va	Electronex Assoc	2904 W. Clay St, Richmond 21, Va	EL8-5040
Wash	Wm A Matzke Co	809A Terminal Sales Bldg, Seattle, Wash	SE4257
W. Va	Electronex Associates	2904 W. Clay St, Richmond 21, Va	EL8-5040
Wisc	G E Ameson & Co	1407 Holdridge Ln, Wayzata, Minn	MI4-5844
Wisc	Jay C Angel & Co	2743 W. Peterson Ave, Chicago 45, Ill	UP8-0653
Wyo	Bynum Engineering Sales Co	6025 E. First Ave, Denver 20, Colo	EA2-5865

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TAYLOR FIBRE CO	**Norristown 51, Pa**	**GL2-2811**
	P Slaughter #60 *500 F 175-200-660-750-770-900-975-1290-1785-1940		
Cal	E J Guelpa	1400 Arrow Hwy, LaVerne	MA8-9131
Cal	R Christofferson	1355 Laurel St, San Carlos, Cal	LY3-8813
Conn	C R Whitehorn	957 Farmington Ave, W. Hartford 7, Conn	AD6-3278
Fla	Florida Electronic Insulation Inc	903 N. Federal Hwy, Hollywood, Fla	
Ga	C Lowe	3272 Peachtree Rd, N.E., Atlanta 5, Ga	CE7-0416
Ill	R Maloney	4652 W. Lawrence Ave, Chicago 30, Ill	AV3-6474
Ind	W Koress	4315 N. Carrollton Ave, Indpls 20, Ind	CL1-5677
Mich	N Sullivan	115 Main St, Rochester	OL1-8156
Mo	F Lang	335 N. Kirkwood Rd, St. Louis 22, Mo	YO6-4400
NY	D Robertson	76 S. Tyson Ave, Floral Park, NY	FI7-5474
NY	R L Smith	Box 69, Pittsford	BR1-9263
Ohio	J Mansfield	2245 Warrensville Center Rd, Cleveland	ER1-3775
Ohio	W McClellan	P.O. Box 563, Far Hills Br, Dayton 19	AX3-9605
Tex	C P Waggoner Sales Co., Inc	301 S.E. 14th St, Grand Prairie, Tex	
Wisc	P Bowers	1348 N. 37th St, Milwaukee 8, Wisc	DI2-8130

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TAYLOR INST. CO. (OHIO) INC	**557 E. Tallmadge, Akron 10, Ohio**	**535-1545**
	*35 C 1010		
Ala	Taylor Instrument Co	512 N. 18th St, Birmingham 2, Ala	
Cal	Taylor Instrument Co	2455 Riverside Dr, Los Angeles 39, Cal	NO2-3191
Cal	Taylor Instrument Co	1681 Timothy Dr, San Leandro, Cal	
Colo	Taylor Instrument Co	720-15th St, Denver, Colo	TA5-7575
Del	Taylor Instrument Co	2011 Concord Pike, Wilmington 3, Del	OL[illegible]
DC	Taylor Instrument Co	Citizens Savings Bldg, Silver Springs, Md	JU9-1117
Fla	Taylor Instrument Co	P.O. Box 8616, Jacksonville 11, Fla	EL4-8404
Ga	Taylor Instrument Co	Bona Allen Bldg, Atlanta, Ga	JA2-3554
Ill	Taylor Instrument Co	423 South Blvd, Oak Park, Ill	EU[illegible]
Ind	Taylor Instrument Co	130 E. 30th St, Indianapolis, Ind	WA5-1697
Kan	Taylor Instrument Co	6008 N. Garfield, Kansas City 16, Mo	WE1-4799
La	Taylor Instrument Co	504 N. Jefferson Davis Pkwy, New Orleans	AU1196
Md	Taylor Instrument Co	35 E. 21st St, Baltimore 18, Md	BE5-8110
Mass	Taylor Instrument Co	945 Great Plain Ave, Needham 92, Mass	HI4-4130
Minn	Taylor Instrument Co	5009A Excelsior Blvd, Minneapolis 16, Minn	WA6-1873
Mo	Taylor Instrument Co	4655 Maryland Ave, St. Louis 8, Mo	FO1-3445
NY	Taylor Instrument Co	95 Ames St, Rochester 1, NY	BE1-5000
NY	Taylor Instrument Co	959 Kenmore Ave, Buffalo 23, NY	715245
NY	Taylor Instrument Co	1013 S. State St, Syracuse 3, NY	RE4-8842
NY	Taylor Instrument Co	45 Rockefeller Plaza, New York, NY	[illegible]
NC	Taylor Instrument Co	P.O. Box 1452, Charlotte, NC	ED3-8872
Ohio	Taylor Instrument Co	13421 Euclid Ave, Cleveland 12, Ohio	LI1-3710
Ohio	Taylor Instrument Co	3047 Madison Rd, Cincinnati 9, Ohio	EL1-3636
Ohio	Taylor Instrument Co	16 Leland Ave, Columbus 14, Ohio	
Okla	Taylor Instrument Co	613 E. 4th St, Tulsa 20, Okla	DI3-7139
Ore	Taylor Instrument Co	1224 S.W. Morrison St, Portland 3, Ore	CA8-1554
Pa	Taylor Instrument Co	1617 Pennsylvania Blvd, Philadelphia 3	RI6-1156
Pa	Taylor Instrument Co	2802 W. Liberty Ave, Pittsburgh 16, Pa	LE1-3301
SC	Taylor Instrument Co	209 E. Stone St, Greenville, SC	
Tex	Taylor Instrument Co	5001 Navigation Blvd, Houston 11, Tex	WA6-4486
Utah	Taylor Instrument Co	138 S. 2nd East St, Salt Lake City 11, Utah	
Va	Taylor Instrument Co	5035-A Forest Hills Ave, Richmond, Va	EL3-1729
Wisc	Taylor Instrument Co	1348 N. 37th St, Milwaukee, Wisc	DI2-1404
Foreign	Taylor Controls Ltd	75 Hale End Rd, Walthamstow, London, England	
Foreign	Taylor Inst Australia Pty Ltd	Millicent St, Burwood, Victoria, Australia	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TAYLOR INSTRUMENT COS	**95 Ames St, Rochester, NY**	**BE5-5000**
	W Beck #230 *2300 G 20-195-338-360-430-495-895-1125-1245-1330-1435-1810-1815-1915		
Ala	F Clarke Douglas	512 N. 18th St, Birmingham, Ala	
Cal	Taylor Instrument Cos	2455 Riverside Dr, Los Angeles 45	
Cal	Taylor Instrument Cos	1681 Timothy Dr, San Leandro, Cal	
Colo	Rudolph G Frank	831 W. Fifth Ave, Denver 4, Colo	
Del	Taylor Instrument Cos	2011 Concord Pike, Wilmington 3, Del	
Fla	R D Cleveland	21 B St, Lakeland	MU2-6739
Ga	Taylor Instrument Cos	301 Bona Allen Bldg, Atlanta 3, Ga	
Ill	Taylor Instrument Cos	423 S. Blvd, Oak Park, Ill	
Ind	Donald R Case	130 E. 30th St, Indianapolis 5, Ind	
Ky	F J Ballard	132 St Matthews Ave, Louisville	TW5-4675
La	William B Chandler	P.O. Box 5223, Lake Charles, La	
La	Joseph R Brown	419 Kings Hwy, Shreveport, La	
La	Taylor Instrument Cos	501 N. Jefferson Davis Pkwy, New Orleans 19, La	
Md	Lynn S Fogg	P O Box 146, Ellicott City	2494-W
Md	Taylor Instrument Cos	8484 Fenton St, Silver Spring, Md	
Mass	Taylor Instrument Cos	945 Great Plain Ave, Needham 92, Mass	
Mass	George E Zellers	P.O. Box 611, Springfield, Mass	
Mich	David C Baer	Box 2160, Ft Dearborn Sta. Dearborn	CR8-4000
Mich	Richard W Hoffman	1506 Gull Rd, Kalamazoo, Mich	
Minn	Taylor Instrument Cos	5009A Excelsior Blvd, Minneapolis 16, Minn	
Mo	Taylor Instrument Cos	4655 Maryland Ave, St. Louis 8, Mo	
Mo	Edward Etess	3316 Broadway, Kansas City	WE1-4799
Neb	H James Morgan	5628 Seward St, Omaha 4, Neb	
NY	Taylor Instrument Cos	147 Vley Rd, Schenectady 2, NY	
NY	Taylor Instrument Cos	959 Kenmore Ave, Buffalo 23, NY	
NY	Taylor Instrument Cos	111 W 50th St, New York	JU6-3544
NY	Richard E Vail	1013 S. State St, Syracuse 3, NY	
NC	Taylor Instrument Cos	153 Bishop, Greensboro, NC	
NC	Harold M Messenger	P.O. Box 1452, Charlotte, NC	
Ohio	Taylor-Emmert Controls Inc	P O Box 153, Akron	JE5-1545
Ohio	Taylor Instrument Cos	13421 Euclid Ave, Cleveland 12, Ohio	
Ohio	Taylor Instrument Cos	3047 Madison Rd, Cincinnati 9, Ohio	
Okla	Taylor Instrument Cos	613-615 E. Fourth St, Tulsa 20, Okla	
Pa	Taylor Instrument Cos	1617 Pennsylvania Blvd, Philadelphia 3, Pa	
Pa	Taylor Instrument Co	2802 W. Liberty Ave, Pittsburgh 16, Pa	
SC	Richard H Sawyer	209 E. Stone Ave, Greenville, SC	
Tenn	John A Owen	337 E Parkway S, Memphis	BR5-9062
Tenn	Andre L F Caradec	P O Box 10142, Knoxville	8-3525
Tex	James Jones	5617 Sears St, Dallas	TA3-3908
Tex	Emil D Wade	Box 5372, West Side Sta, Beaumont, Tex	
Tex	Henry Schoenfeld	1800 S Staples St, Corpus Christi	TU2-1171
Tex	Taylor Instrument Cos	5001 Navigation Blvd, Houston 11, Tex	
Tex	John R Miller	617 Montana Ave, El Paso, Tex	
Tex	Robert L Saunders	3805 Lometa Dr, Amarillo, Tex	
Utah	T G Steinmetz	138 S. 2nd East St, Salt Lake City 11, Utah	
Va	Charles H Miller	5705-A Forest Hills Ave, Richmond 25, Va	
Wash	Taylor Instrument Cos	Boyd Bldg, Mercer Island	MU2-4184
W. Va	Fred M Griffin	4 1-1/2 D Street, S. Charleston, W. Va	
Wisc	Robert E Campbell	1348 N. 37th St, Milwaukee 8, Wisc	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TAYLOR-WINFIELD CORP	**1052 Mahoning Ave NW, Warren, Ohio**	**EX2-2521**
	F Woodward #40 *540 G 1945		
Cal	The Denton & Anderson Co	5526 Rosemead Blvd, Temple City	CU3-8435
Colo	Johnson Supply Co	1123 Wazee St, Denver 4	KE-43281
Conn	The Denton & Anderson Co	9 High Ridge Rd, Stamford	DA-49573
Ill	The Denton & Anderson Co	9 S Clinton St, Chicago 6	RA-63217
Mich	The Denton & Anderson Co	P O Box 34, Detroit 39	JO-45996
NC	J W Fraser Co	109 W Griffith St, Charlotte	JA-32414
Ohio	The Denton & Anderson Co	3733 Lee Rd, Cleveland 20	WY1-4200
Ore	Industrial Specialties Co	940 SE 7th Ave, Portland	BE5-2173
Pa	W E Wheaton Co	3867 Pine Rd, Huntington Valley	WO-71030
Tenn	Jones-Sylar Supply Co	Mfrs Rd, Box 4047, Chattanooga 5	AM-51801
Tex	B C Myers	932-1/4 W Jefferson Blvd, Dallas 8	WH2-4363
For	A M T E A Corp	30 Church St, New York 7, NY	WO-47154

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TECA CORP	**80 Main St. White Plains, NY**	**WH6-4593**
	A Shapiro #3 *15 C 895		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
•	**TECH LABS INC**	**Bergen & Edsall, Palisades Park, NJ**	**WI4-2221**
	J Douglas #6 *106 D 50-895-1735		
Ala	Emery Design & Eqpt. Co	404 Dexter Ave. Birmingham	
Alaska	Roger M Minthorne Co	0673 S.W. Taylors Ferry Rd, Portland, Ore	
Cal	Elsner-Osborn Co	1124 Crenshaw Blvd, LA	WE7-1175
Conn	Geo Chambers	175 White Rock Dr, Windsor	JA2-2767
Fla	Courtney Cummings	Box 507, Bradenton	BR2-6767
Ill	Ryan Assoc	2503 N. Talman Ave, Chicago	EV4-5749
Kan	Wilbur E Gell	10511 W. 56 Terrace, Shawnee	WA2-2528
Md	Harry J White Co	204 W. Pennsylvania Ave, Towson	VA8-6373
Mass	Alex Hubert	Box 143, Brookline	CO2-9027
Minn	Marvin H Kirkeby	204 Sunnyridge Ln, Mpls	FR7-3299
Mont	Roger Minthorne Co	0673 S.W. Taylors Ferry Rd, Portland, Ore	
NJ	Harry White	121 Covered Bridge Rd, Haddonfield	HA8-2304
NY	Savco	124 Kinne Rd, E. Syracuse	GI6-4927
Ohio	Midwest Sales Co	3019 W. 117th St, Cleve	WI1-2700
Ore	Roger M Minthorne	0673 SW Taylor's Ferry Rd, Portland	CH6-4556
Pa	Harry J White Co	121 Covered Bridge Rd, Haddonfield, NJ	
SD	Marvin H Kirkeby	204 Sunnyridge Ln, Minneapolis 22, Minn	
Tex	Rex F May Co	2512 W. Mockingbird Ln, Dallas	FL2-7049
Vt	Alexander Hubert	130 Westbourne Terr, Brookline, Mass	
Wisc	Marvin H Kirkeby	204 Sunnyridge Ln, Minneapolis 22, Minn	
Can	A Doskun Sales Co	1091 14th St, St. Martin, Montreal, Que	MU1-[illegible]

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TECHALLOY CO INC	**Rahns, Pa**	**HU9-7211**
	#12 *135 F 1125-1960		
Cal	Techalloy Co. Inc	1215 Ohio St, Long Beach	
Conn	Techalloy Co. Inc	30 Middle Rd, Hamden	
Ill	Techalloy Co. Inc	Union	
Tex	Techalloy Co. Inc	2021 Sabine St, Houston	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TECHNIBILT CORP	**905 Air Way, Glendale 1, Cal**	**CH5-7521**
	H Gorgano #4 *239 E 520		
Ala	E G Holmes & Associates	4969 Roswell Rd, N.E., Atlanta 5, Ga	
Alaska	Rush S Drake Associates	1817 Norman St, Seattle 44, Wash	
Ariz	J T Hill Co	338 W. State St, Phoenix, Ariz	
Ark	Arnold Barnes Co	3603 Lemmon Ave, Dallas, Tex	
Cal	J T Hill Co	1682 Laurel St, San Carlos, Cal	LY3-7883
Cal	J T Hill Co	1864 Bacon St, San Diego, Cal	AC3-7131
Cal	J T Hill Co	430 Pine St, San Gabriel, Cal	CU3-6555
Colo	F Y Gates Co	3412 S. Bannock St, Englewood, Colo	
Conn	Howard J Schuft Co	815 Washington St, Newtonville, Mass	
Del	G Curtis Engel & Associates	210 S. Broad St, Ridgewood, NJ	
Del	Taylor Engineering	2100 St. Paul St, Baltimore 18, Md	
DC	Taylor Engineering	2100 St. Paul St, Baltimore 18, Md	
Ga	E G Holmes & Associates	4969 Roswell Rd, N.E., Atlanta 5, Ga	
Hawaii	Jim Hustin Sales Co	205 Cooke St, Honolulu, Hawaii	
Idaho	Rush S Drake	1817 Norman St, Seattle 44, Wash	
Idaho	F Y Gates	200 S. Main St, Salt Lake City, Utah	
Ill	R Edward Stemm	5681 W. Lake St, Chicago 44, Ill	
Ind	R Edward Stemm	5681 W. Lake St, Chicago 44, Ill	
Iowa	Engineering Services Co	1305 Oakland Gardens, Cedar Rapids, Iowa	
Kan	Engineering Services Co	6325 E. Indianapolis, Wichita, Kan	
Ky	R Edward Stemm	5681 W. Lake St, Chicago 44, Ill	
La	Arnold Barnes Co	3603 Lemmon Ave, Dallas, Tex	
Me	Howard J Schuft Co	815 Washington St, Newtonville, Mass	
Md	Taylor Engineering	2100 St. Paul St, Baltimore 18, Md	
Mass	Howard J Schuft Co	815 Washington St, Newtonville, Mass	
Mich	Odell Engineering	10830 W. McNichols Rd, Detroit 21, Mich	
Minn	R Edward Stemm	125 S. 3rd, Minneapolis, Minn	
Miss	E G Holmes	4969 Roswell Rd, N.E., Atlanta 5, Ga	
Mo	Emcco	4500 Main St, Kansas City, Mo	
Mo	Engineering Services Co	6635 Delmar, St. Louis, Mo	
Mont	Rush S Drake Associates	1817 Norman St, Seattle 44, Wash	
Neb	Engineering Services Co	1305 Oakland Gardens, Cedar Rapids, Ia	
Nev	J T Hill Co	1682 Laurel St, San Carlos Cal	
NH	Howard J Schuft Co	815 Washington St, Newtonville, Mass	
NJ	G Curtis Engel & Associates	210 S. Broad St, Ridgewood, NJ	
NM	F Y Gates Co	122 Harvard Dr, S.E., Albuquerque, NM	
NY	S B M Associates	969 Clinton Ave, S., Rochester 20, NY	
NY	S B M Associates	9 Highland Ave, Albany 5, NY	
NY	G Curtis Engel & Associates	210 S. Broad St, Ridgewood, NJ	
NC	E G Holmes & Associates	4969 Roswell Rd, N.E., Atlanta 5, Ga	
ND	R Edward Stemm	125 S. 3rd, Minneapolis, Minn	
Ohio	W P Odell	26614 Center Ridge Rd, Westlake, Ohio	
Ohio	W P Odell	3675 Salem Ave, Dayton 6, Ohio	
Okla	Arnold Barnes Co	P.O. Box 5417, Tulsa, Okla	
Ore	Rush S Drake Inc	1817 Norman St, Seattle 44, Wash	
Pa	W P Odell	750 Penn Ave, Pittsburgh 21, Pa	
Pa	G Curtis Engel	210 S. Broad St, Ridgewood, NJ	
RI	Howard J Schuft	815 Washington St, Newtonville, Mass	
SC	E G Holmes & Associates	4969 Roswell Rd, N.E., Atlanta 5, Ga	
SD	R Edward Stemm	5681 W. Lake St, Chicago 44, Ill	
Tenn	R Edward Stemm	5681 W. Lake St, Chicago 44, Ill	
Tex	Arnold Barnes Co	3603 Lemmon St, Dallas, Tex	
Utah	F Y Gates Co	200 S. Main St, Salt Lake City, Utah	
Vt	Howard J Schuft	815 Washington St, Newtonville, Mass	
Va	Taylor Engineering	2100 St. Paul St, Baltimore 18, Md	
Wash	Rush S Drake	1817 Norman St, Seattle 44, Wash	
W. Va	W P Odell	750 Penn Ave, Pittsburgh 21, Pa	
W. Va	Taylor Engineering	2100 St. Paul St, Baltimore 18, Md	
Wisc	R Edward Stemm	5681 W. Lake St, Chicago 44, Ill	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Wyo	F Y Gates Co	200 S. Main St, Salt Lake City, Utah	
Canada	Bayly Engineering Ltd	Hunt St, Ajax, Ontario, Canada	

TECHNIC INC ... **P. O. Box 965, Providence 1, RI** ... **ST1-6100**
F Smith *25 E 265-1075-1125-1305

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	Alert Supply Co	2041 S Davie Ave, L A	RA3-8641
Conn	Enthone, Inc	442 Elm St, New Haven	SP7-5581
Fla	Donnelly & McNally	12700 W Dixie Hwy, Miami	
Ill	Technic Inc	7001 N. Clark St, Chicago, Ill	AM2-2662
Minn	Indl Chemical & Equipt Co	205 11th Ave S, Minneapolis	FE9-4609
Mo	Davies Supply & Mfg Co	4160 Meramec St, St Louis	MO4-9332
RI	American Chemical Works, Inc	66 Whipple St, Providence	GA1-0828
For	Silvercrown, Ltd	178/180 Goswell Rd, London, Eng	CLE-2291

• **TECHNICAL APPARATUS BUILDERS** ... **109 Liberty St, New York 6, NY**
220-320-365-410-500-895-990-1340-1445-1455-1475-1480-1855-1860-1880

• **TECHNICAL APPLIANCE CORP** .. **Box 38, Sherburne, NY** ... **OR4-2211**
45-385-1135-1170-1200

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
Alaska	Jas J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
Ariz	Lee H Owens Co	1102 S. Western Ave, Los Angeles 6, Cal	RE5-0203
Ark	John B Guenther	4533 N. Central Expwy, Dallas 5, Tex	LA8-6286
Cal	Lee H Owens Co	1102 S. Western Ave, Los Angeles 6, Cal	RE5-0203
Cal	David H Ross Co	534 El Camino Real, San Carlos, Cal	LY1-4411
Colo	Kuether - Cox Co	1325 S. Inca, Denver 23, Colo	PE3-5561
Conn	W A Hendrickson Co	291 1st Parish Rd, Scituate, Mass	LI5-0652
Del	Engineering Assoc, Morris F Taylor Co	2125 Maryland Ave, Baltimore 18, Md	HO7-1966
DC (Wash)	Engr Assoc, Morris F Taylor Co	2125 Maryland Ave, Baltimore 18, Md	HO7-1966
DC (Wash)	Engr Assoc, Morris F Taylor Co	Box 111, Silver Springs, Md	JU9-4002
Fla	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
Ga	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
Hawaii	Jas J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
Idaho	Jas J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
Idaho	Kuether - Cox Co	1325 S. Inca, Denver 23, Colo	PE3-5561
Ill	A H Bruning Co	1758 Lawrence Ave, Chicago 40, Ill	ED4-0989
Ill	Norman W Kathrinus Co	4356 Cambridge Ave, Kansas City 3, Kan	JO2-4108
Ind	Thomas & Sukup, Inc	5226 N. Keystone Ave, Indianapolis 20	CL1-4574
Iowa	Heimann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Kan	Norman W Kathrinus Co	4356 Cambridge, Kansas City 3, Kan	JO2-4108
Ky	Thomas & Sukup, Inc	5226 N. Keystone, Indianapolis, Ind	CL1-4574
Ky	John Olsen Co	16201 Shaker Blvd, Cleveland 20, Ohio	SK2-5444
La	John B Guenther	4533 N. Central Expwy, Dallas 5, Tex	LA8-6286
Me	W A Hendrickson Co	291 1st Parish Rd, Scituate, Mass	LI5-0652
Md	Engr Assoc, Morris F Taylor Co	2125 Maryland Ave, Baltimore 18, Md	HO7-1966
Md	Engr Assoc, Morris F Taylor Co	Box 111, Silver Springs, Md	JU9-4002
Mass	Naylor Electric	1718 Erie Blvd, E., Syracuse, NY	GR2-9183
Mass	W A Hendrickson Co	291 1st Parish Rd, Scituate, Mass	LI5-0652
Mich	Heimann Co	1711 Hawthorne, Minneapolis 3, Minn	FE2-5457
Mich	R C Merchant & Co., Inc	18411 W. McNichols, Detroit 19, Mich	KE5-6000
Minn	Heimann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Miss	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
Mo	Norman W Kathrinus & Co	4356 Duncan Ave, St. Louis 10, Mo	OL2-7085
Mont	Jas J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
Neb	Heimann Co	1711 Hawthorne, Minneapolis 3, Minn	FE2-5457
Nev	David H Ross Co.	534 El Camino Real, San Carlos, Cal	
Nev	Lee H Owens Co	1102 S. Western Ave, L A 6, Cal	RE5-0203
NH	W A Hendrickson Co	291 1st Parish Rd, Scituate, Mass	LI5-0652
NJ	Hauser Associates	44 N. Dean St, Englewood, NJ	LO8-0808
NJ	Leon L Adelman	188 Water St, Perth Amboy, NJ	HI2-3159
NM	Kuether-Cox Co	1325 S. Inca, Denver 23, Colo	PE3-5561
NY	Central Associates	44 N. Dean St, Englewood, NJ	LO8-0808
NY	Naylor Electric	1718 Erie Blvd, E., Syracuse, NY	GR2-9183
NY	Leonard D Allen Inc	115 Luther Ave, Syracuse 8, NY	GR1-3108
NY	Leon L Adelman Co	25 Chittenden Ave, New York 33, NY	TO7-1145
Mont	Koether-Cox Co	1325 S. Inca, Denver 23, Colo	PE3-5561
NC	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
ND	Heimann Co	1711 Hawthorne, Minneapolis 3, Minn	FE2-5457
Ohio	John O Olsen Co	16201 Shaker Blvd, Cleveland 20, Ohio	SK2-5444
Okla	John B Guenther	4533 N. Central Expwy, Dallas 5, Tex	LA8-6286
Ore	Jas J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
Pa	Hauser Associates	188 Water St, Perth Amboy, NJ	HI2-3159
Pa	John O Olsen Co	16201 Shaker Blvd, Cleveland 20, Ohio	SK2-5444
Pa	Morris F Taylor Co	P.O. Box 111, Silver Spring, Md	JU9-4002
RI	W A Hendrickson & Co	291 1st Parish Rd, Scituate, Mass	LI5-0652
SC	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
SD	Heimann Co	1711 Hawthorne, Minneapolis 3, Minn	FE2-5457
Tenn	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
Tex	John B Guenther	4533 N. Central Expwy, Dallas 5, Tex	LA8-6286
Utah	Koether-Cox Co.	1325 S. Inca, Denver 23, Colo	PE3-5561
Vt	W A Hendrickson Co	291 1st Parish Rd, Scituate, Mass	LI5-0652
Va	Engineering Associates	2125 Maryland Ave, Baltimore 18, Md	HO7-1966
Va	Morris F Taylor Co	P.O. Box 111, Silver Springs, Md	JU9-4002
W. Va	John O Olsen Co	16201 Shaker Blvd, Cleveland 20, Ohio	SK2-5444
Wash	Jas J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
Wisc	Heimann & Bruning	1758 Lawrence Ave, Chicago 40, Ill	ED4-0989
Wyo	Koether-Cox Co	1325 S. Inca, Denver 23, Colo	PE3-5561
Foreign	Jas Plasencia Inc	401 Broadway, New York 13, NY	WA5-3410

TECHNICAL ASSOCIATES ... **140 W. Providencia, Burbank, Cal** ... **VI9-5838**
250-895

TECHNICAL DEVICES CO ... **11242 Playa Ct, Culver City, Cal** ... **UP0-3751**
D Martin #2 *30 C 675-1075-1715

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	Weightman & Associates	1436 El Camino Real, Menlo Park, Cal	DA6-3797
Cal	Weightman & Associates	4029 Burbank Blvd, Burbank, Cal	VI9-2435
Colo	C F L Co	1871 S. Broadway, Denver 10, Colo	SP7-4381
Fla	W Ben Wimberly Co	203 N Lucerne Circle, Orlando	GA5-3083
Fla	W Ben Wimberly Co	532 S. Ft. Harrison Ave, Clearwater, Fla	CL3-7072
Ill	Ringland M Krueger Co	4738 N Harlem Ave, Chicago 31	UN7-7100
Md	Pace, Inc	2814 Radius Rd, Wheaton	WH2-0979
Mich	Edwards-Lohse & Co	1447 Portage Path, E Lansing	
Mich	Edwards-Lohse & Co	221 Graceland NE, Grand Rapids 5	EM3-0905
Minn	Sales Service Machine Tool Co	2363 University Ave, St. Paul, Minn	MI6-8663
NY	R & S Electronic Sales Corp	P.O. Box 217, Hempstead	IV5-1040
Ohio	Edwards-Lohse & Co	700 N Augustus St, St Marys	
Ohio	Edwards-Lohse & Co	2123 E. 9th St, Cleveland 15, Ohio	TO1-5753
Okla	Robert E Nesbitt Co	1324 E 17th Pl, Tulsa	LU5-1234
Tex	Robert E Nesbitt Co	1925 Cedar Springs, Dallas 1, Tex	PR5824
Wash	Ray Johnston Co	1011 E. 69th St, Seattle 15, Wash	LA4-5170
Can	Willer Eng & Sales Co	675 Richmond St W, Toronto 3, Ont	
Foreign	Sylvan Ginsbury Ltd	8 W 40th St, New York 18, NY	LO4-7585
Foreign	Combined Corp	673 Broadway, New York 12, NY	OR4-6300

• **TECHNICAL MATERIEL CORP** ... **700 Fenimore Rd, Mamaroneck, NY** ... **OW8-4800**
360-385-635-945-1045-1425-1870

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	W C Shalag	514 16th St, Sacramento, Cal	GI3-3493
Conn	Geist-Hotz Inc	200 Fifth St, Stamford, Conn	DA4-7300
DC	Donald B Croft	1310 N. Oak St, Arlington, Va	RE7-1529
Idaho	Myron R Smith	12109-88th Ave, N.E., Kirkland, Wash	VA2-5509
Me	Geist-Hotz Inc	200 Fifth St, Stamford, Conn	DA4-7300
Mass	Geist-Hotz Inc	200 Fifth St, Stamford, Conn	DA4-7300
NJ	Geist-Hotz Inc	200 Fifth St, Stamford, Conn	DA4-7300
NY	Geist-Hotz Inc	200 Fifth St, Stamford, Conn	DA4-7300
Ore	Myron R Smith & Co	P.O. Box 248, Kirkland, Wash	GL4-9400
Pa	Geist-Hotz Inc	200 Fifth St, Stamford, Conn	DA4-7300
RI	Geist-Hotz Inc	200 Fifth St, Stamford, Conn	DA4-7300
Wash	Myron R Smith	12109-88th Ave, N.E., Kirkland, Wash	VA2-5509

TECHNICAL MEASUREMENT CORP **441 Washington Ave, N. Haven, Conn** ... **CE9-2501**
338-895-1135

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ark	Carey & Wolf Co	P.O. Box 6072, Ft. Worth, Tex	PE8-1702
Colo	Scientific Instruments	1460 Pennsylvania St, Denver, Colo	AL5-2777
Del	S & S Associates	4509 Calvert Rd, College Park, Md	AP7-3777
DC	S & S Associates	4509 Calvert Rd, College Park, Md	AP7-3777
Idaho	N R Schultz Co	4227 Airport Way, Seattle, Wash	MA4-8650
Ill	Electronic Aides	1105 W. Lawrence, Chicago 40, Ill	LO1-1042
Ind	Electronic Aides	1105 W. Lawrence, Chicago 40, Ill	LO1-1042
Iowa	Electronic Aides	1105 W. Lawrence, Chicago 40, Ill	LO1-1042
La	Carey & Wolf Co	P.O. Box 6072, Ft. Worth, Tex	PE8-1702
Md	S & S Associates	4509 Calvert Rd, College Park, Md	AP7-3777
Mich	Electronic Aides	1105 W. Lawrence, Chicago 40, Ill	LO1-1042
NJ	Q E D Electronic Sales	9 Elm Ave, Mt. Vernon, NY	MT8-3100
NY	Q E D Electronic Sales	9 Elm Ave, Mt. Vernon, NY	MT8-3100
Ohio	Electronic Aides	1105 W. Lawrence, Chicago 40, Ill	LO1-1042
Okla	Carey & Wolf Co	P.O. Box 6072, Ft. Worth, Tex	PE8-1702
Ore	N R Schultz Co	4227 Airport Way, Seattle, Wash	MA4-8650
Pa	S & S Associates	760 W. Dekalb Pike, King of Prussia, Pa	BR9-7192
Tex	Carey & Wolf Co	Box 6072, Ft. Worth, Tex	
Utah	Scientific Instruments	1460 Pennsylvania St, Denver 3, Colo	AL5-2777
Va	S & S Associates	760 W. Dekalb Pike, King of Prussia, Pa	BR9-7192
Wash	N R Schultz Co	4227 Airport Way, Seattle, Wash	MA4-8650
Wisc	Electronic Aides	1105 W. Lawrence, Chicago 40, Ill	LO1-1042
Wyo	Scientific Instruments	1450 Pennsylvania St, Denver 3, Colo	AL5-2777
Foreign	Berg Hedstrom & Co., Inc	1170 Broadway, New York 1, NY	MU5-3730

TECHNICAL PRODUCTS CO ... **6670 Lexington Ave, L A 38, Cal** ... **HO4-8121**
E Smith #10 *200 E 338-670-895-1425

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Col-Ins-Co., Inc	15-16 Hutchens Bldg, Huntsville	JE9-1771
Ariz	Hyde Electronics Co	5206 Constitution N.E., Albuquerque, NM	AM8-1111
Ark	Southwest Electronic Industries	273 Meadows Bldg, Dallas 6, Tex	EM3-1671
Cal	Instruments for Measurement	3455 Cahuenga Blvd, Los Angeles 28, Cal	HO9-7294
Colo	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Conn	Howard J Schuft Co. Inc	815 Washington, Newtonville, Mass	LA7-5304
Del	Gawler-Knoop Co	835 Glenside, Wyncote, Pa	TU4-8605
DC	Gawler-Knoop Co	8732 Flower Ave, Silver Spring, Md	JU5-7550
Fla	Col-Ins-Co., Inc	5728 Precision Dr. Orlando	CH1-1501
Ga	Col-Ins-Co., Inc	2354 Ewing Dr NE, Atlanta 19	CE7-1494
Idah	Rush S Drake Associates	P O Box 2126, Idaho Falls	JA2-7992
Kan	Kemco Inc	6427 E. Kellogg, Wichita 18, Kan	MU4-8224
La	Southwest Electronic Industries	273 Meadows Bldg, Dallas 6, Tex	EM3-1671
Md	Gawler-Knoop Co	8732 Flower Ave, Silver Spring, Md	JU5-7550
Mass	Howard J Schuft Co. Inc	815 Washington, Newtonville	LA7-5304
Mich	Tower Engineering Co	3838 Linden Ave, Dayton 32, Ohio	CL6-0931
Miss	Col-Ins-Co., Inc	5728 Precision Dr. Orlando, Fla	CH1-1501
Mo	Kemco Inc	6427 Kellogg, Wichita 18, Kan	MU4-8224
Mont	Hyde Electronics Co	888 S Lipan St. Denver 23, Colo	WE6-3456
NH	Howard J Schuft Co. Inc	815 Washington, Newtonville, Mass	LA7-5304
NJ	Gawler-Knoop Co	178 Eagle Rock, Roseland	CA6-4545
NM	Hyde Electronics Co	5206 Constitution Ave, N.E.,	AM8-1111
NC	Col-Ins-Co., Inc	5728 Precision Dr. Orlando, Fla	CH1-1501
Ohio	Tower Engineering Co	3838 Linden Ave, Dayton 32, Ohio	CL6-0931
Okla	Southwest Electronic Industries	273 Meadows Bldg. Dallas 6, Tex	EM3-1671
Ore	Rush S Drake Associates	1817 Norman St. Seattle 44, Wash	EA3-8545
Pa	Gawler-Knoop Co	835 Glenside, Wyncote, Pa	WA7-1820
RI	Howard J Schuft Co. Inc	815 Washington, Newtonville, Mass	LA7-5304
SC	Col-Ins-Co. Inc	5728 Precision Dr. Orlando, Fla	CH1-1501
Tenn	Col-Ins-Co. Inc	5728 Precision Dr. Orlando, Fla	CH1-1501
Tex	Southwest Electronic Industries	273 Meadows Bldg. Dallas 6	EM3-1671
Utah	Hyde Electronics Co	2803 Connor St, Salt Lake City, Utah	IN7-5763
Vt	Howard J Schuft Co, Inc	815 Washington, Newtonville, Mass	LA7-5304
Va	Gawler-Knoop Co	8732 Flower Ave, Silver Spring, Md	JU5-7550
Wash	Rush S Drake Associates	1817 Norman St. Seattle 44	EA3-8545
Wyo	Hyde Electronics Co	888 S Lipan St. Denver 23, Colo	WE6-3456
Foreign	Dage Corp	219 E. 44th St, New York 17, NY	MU2-6755

TECHNICAL SERVICE CORP ... **917-19 S. Third St, Louisville 3, Ky** ... **JU7-8476**
M Seood #4 *10 B 520

TECHNICAL WIRE PRODUCTS, INC **129 Dermody St. Cranford, NJ**
O Schreiber #4 *25 D 285-355-670-750-1575-1580-1720-1845

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	G F Bohman	1239 Newcastle Dr, Orlando, Fla	GA4-2076
Ariz	The Kay Co	708 E. Ninth St, Tucson, Ariz	MA4-4588
Ariz	The Kay Co	1835 W. Camelback Rd, Phoenix, Ariz	CR9-5241
Ark	Corwin Associates	1210 Old Gate Ln, Dallas 18, Tex	DA1-2800
Cal	F L Dix & Assoc	452 N Garfield Ave, Montebello	RA3-3796
Cal	John E Striker Co	P.O. Box 548, San Carlos, Cal	LY1-0736
Colo	Inland Assoc	1003 Saturn Dr. Colorado Springs	ME3-2050
Conn	George G Scott Co	6 Stuart Dr, W., Glen Cove, NY	OR6-2088
Conn	Geist-Hotz Inc	14 Wedgewood Rd, Natick, Mass	OL3-6510
Fla	G F Bohman	1239 Newcastle Dr. Orlando	GA4-2076
Ill	Inland Assoc	25 S Bemiston Ave. Clayton, Mo	PA1-4435
Ill	Jay C Angel & Co	2743 W. Peterson Ave, Chicago 45, Ill	UP8-0653
Ind	Jay C Angel & Co	2743 W. Peterson Ave, Chicago 45, Ill	UP8-0653
Ind	James W Murray	Box 28, Westwood Br, Cincinnati 2, Ohio	HU1-9726
Iowa	Jay C Angel & Co	2743 W. Peterson Ave, Chicago 45, Ill	UP8-0653
Kan	Inland Assoc	6047 Howe Dr. Mission	EN2-2366
Ky	James W Murray	Box 28, Westwood Br, Cincinnati 11, Ohio	HU1-9726
La	Corwin Associates	1210 Old Gate Ln, Dallas 18, Tex	DA1-2800
Me	Geist-Hotz Inc	14 Wedgewood Rd, Natick, Mass	OL3-6510
Mass	Geist-Hotz Inc	14 Wedgewood Rd, Natick, Mass	OL3-6510
Mo	Inland Assoc	25 S Bemiston Ave. Clayton 5	PA1-4435
Neb	Inland Assoc	6047 Howe Dr. Mission, Kan	EN2-2366
NH	Geist-Hotz Inc	14 Wedgewood Rd, Natick, Mass	OL3-6510
NJ	George G Scott Co	6 Stuart Dr, W., Glen Cove, NY	OR6-2088
NY	George G Scott Co	6 Stuart Dr, W., Glen Cove, NY	OR6-2088
Ohio	James W Murray	Box 28, Westwood Br, Cincinnati, Ohio	HU1-9726
Okla	Corwin Associates	1210 Old Gate Ln, Dallas 18, Tex	DA1-2800
Ore	G M Gillett Agency	1959 19th N.E., Seattle 55, Wash	PA5-3060
RI	Geist-Hotz Inc	14 Wedgewood Rd, Natick, Mass	OL3-6510
Tex	Corwin Associates	1210 Old Gate Ln, Dallas 18, Tex	DA1-2800
Utah	Inland Assoc	1003 Saturn Dr. Colorado Springs, Colo	ME3-2050
Vt	Geist-Hotz Inc	14 Wedgewood Rd, Natick, Mass	OL3-6510
Wash	G M Gillett Agency	1959 19th N.E., Seattle 55, Wash	PA5-3060
Wisc	Jay C Angel & Co	2743 W. Peterson Ave, Chicago 45, Ill	UP8-0653
Wyo	Inland Assoc	1003 Saturn Dr. Colorado Springs, Colo	ME3-2050
Foreign	Technical Factors Ltd	C.P.O. Box 1298, Tokyo, Japan	

TECHNICRAFT CO ... **1156 Commonwealth Ave, Boston 34, Mass**
895-900-1290-1325-1825

• **TECHNIPOWER INC** ... **18 Marshall St, S Norwalk, Conn** ... **VO6-7000**
P Deery #2 *7 A 338-1340

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Floyd Fausett & Co	777 Pinehurst Terr. Atlanta 10, Ga	PL3-3104
Ark	Scientific Sales Co	3603 Lemmon Ave. Dallas, Tex	LA8-5225
Cal	Smith-Dietrich Sales Co	475 W Manchester Blvd. Englewood	OR8-7812
Conn	Abbott-Allison Co	PO Box 467, Meriden, Conn	BE7-9232
Del	Whitcomb Associates	730 Deepdene Rd. Baltimore 10, Md	TU9-1245
DC	Whitcomb Associates	730 Deepdene Rd. Baltimore 10, Md	TU9-1245
Fla	Floyd Fausett & Co	777 Pinehurst Terr. Atlanta 10, Ga	PL3-3104
Ga	Floyd Fausett & Co	777 Pinehurst Terr. Atlanta 10, Ga	PL3-3104
Ill	Potter-Mac Co	3231 Ind'l Ave. Rolling Meadows	SP4-1050
Ind	Potter-Mac Co	3231 Ind'l Ave. Rolling Meadows, Ill	SP4-1050
La	Scientific Sales Co	3603 Lemmon Ave. Dallas, Tex	LA8-5225
Me	Abbott-Allison Co	PO Box 467, Meriden, Conn	BE7-9232
Md	Whitcomb Associates	730 Deepdene Rd. Baltimore 10, Md	TU9-1245
Mass	Abbott-Allison Co	PO Box 467, Meriden, Conn	BE7-9232
Mich	Potter-Mac Co	3231 Industrial Ave, Rolling Meadows, Ill	SP4-1050
Miss	Floyd Fausett & Co	777 Pinehurst Terr. Atlanta 10, Ga	PL3-3104
NH	Abbott-Allison Co	PO Box 467, Meriden, Conn	BE7-9232
NJ	Instrumentation Sales Co	PO Box 403, Ridgewood, NJ	GI5-5210
NY	Instrumentation Sales Co	PO Box 403, Ridgewood, NJ	GI5-5210
NC	Floyd Fausett & Co	777 Pinehurst Terr. Atlanta 10, Ga	PL3-3104
Okla	Scientific Sales Co	3603 Lemmon Ave. Dallas, Tex	LA8-5225
Pa	Automated Equipt & Engineering Co	9401 Northgate Dr. Allison Park, Pa	WE1-7616
RI	Abbott-Allison Co	PO Box 467, Meriden, Conn	BE7-9232
SC	Floyd Fausett & Co	777 Pinehurst Terr. Atlanta 10, Ga	PL3-3104
Tenn	Floyd Fausett & Co	777 Pinehurst Terr. Atlanta 10, Ga	PL3-3104
Tex	Scientific Sales Co	3603 Lemmon Ave. Dallas, Tex	LA8-5225
Vt	Abbott-Allison Co	P O Box 467, Meriden, Conn	BE7-9232
Va	Floyd Fausett & Co	777 Pinehurst Terr. Atlanta 10, Ga	PL3-3104
Va	Whitcomb Associates	730 Deepdene Rd. Baltimore 10, Md	TU9-1245
Wis	Potter-Mac Co	3231 Indl Ave. Rolling Meadows, Ill	SP4-1050
Can	Electronic Marketing Co Ltd	6555 Cote des Neiges, Montreal Que	RE9-8652

TECHNIQUE ASSOCIATES DIV DUNCAN ELECTRIC ... **1413 N. Cornell Ave, Indianapolis, Ind** .. **ME1-4904**
T Millholland #2 *9 360-895-1330-1795

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	Instrument Laboratory	1836 W. Florence Ave, Los Angeles 47	PL2-4104
Cal	Carroll Associates	P.O. Box 21, Redwood City, Cal	EM9-3354
Colo	Hyde Electronics Co	888 S. Lipan St, Denver 23, Colo	WE6-3456
Ill	Murphy & Dickey	537 S. Dearborn St, Chicago 5, Ill	HA7-7953
Ind	Calvin D Arnold	2123 N Meridian St, Indianapolis	ME4-3811
Iowa	James H Laas Co	1630 State St, Bettendorf	355-6133
La	Emile C Deshautreaux Jr	P.O. Box 261, Kenner, La	KE4-4665
Mass	Osgood Engineering Co	110 Pleasant St, Malden 48, Mass	MA4-6000
Mich	Industrial Temperature Control Co	2210 N. York St, Dearborn, Mich	CR8-2210
Mo	Edward Mooney	6653 Enright, University City 5	PA5-4271
NJ	Francis J Gamble	571 Fairview St, Riverside, NJ	HO1-4968
NM	Hyde Electronics Co	5206 Constitution Ave, N.E., Albuquerque	AM8-1111
NY	Robert F Lamb Co	3407 Delaware, Buffalo 7, NY	BE3757
NY	J F Wallstrom Jr	4605 E. Genesee St, Dewitt 14, NY	GI6-3330
Ohio	G H Armstrong Co	P.O. Box 25, Sta K, Cincinnati, Ohio	KI1-3692
Ohio	L H Walorop Co	3000 Euclid Ave, Cleveland, Ohio	EX1-4242
Tex	Gay Sales Co., Inc	4210 Ross St, Houston, Tex	JA9-3479
Tex	Gay Sales Co., Inc	P.O. Box 8414, Dallas, Tex	EM8-2325
Utah	Hyde Electronics Co	2803 Connor St, Salt Lake City, Utah	HU5-5347
Wash	Compitronics	2 Hanford, Seattle, Wash	MA4-5135
Wis	Thermo-Products Co. Inc	213 N Prancer Rd. Cedarburg	DR7-1200

TECHNIQUES INC ... **40 Jay St, Englewood, NJ** ... **LO9-5333**
M Lewis #3 *30 C 150-280-335-1120-1125-1135-1530-1650

TECHNI-RITE ELECTRONICS, INC **65 Centerville Rd, Warwick, RI** ... **RE7-2000**
D Gaskill #4 *15 C 338-895-1075-1250

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	James L Hairsmith Co	3733 Monroe Rd. Charlotte, NC	FR7-2546
Ariz	Instruments for Measurements	3455 Cahuenga Blvd. Hollywood, Cal	HO9-7294
Cal	Instruments For Measurements	3455 Cahuenga Blvd. Hollywood	HO9-7294
Conn	D M Gaskill Assoc	342 Budlong Rd. Cranston, RI	WI2-2050
Del	Angus Sloane Assoc	Carvel Hall, Annapolis, Md	BE5-1900
DC	Angus Sloane Assoc	Carvel Hall, Annapolis, Md	BE5-1900
Ill	Magnuson Assoc	3347 W Irving Park Rd. Chicago	KE9-7555

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ind	Magnuson Assoc	3347 W Irving Park Rd, Chicago, Ill	KE9-7555
Iowa	Magnuson Assoc	3347 W Irving Park Rd, Chicago, Ill	KE9-7555
Kan	Magnuson Assoc	3347 W Irving Park Rd, Chicago, Ill	KE9-7555
Ky	Sheridan Assoc, Inc	Rosslawn Center Bldg, Cincinnati, Ohio	ME1-2460
La	J Y Schoonmaker Co, Inc	PO Box 35266, Dallas, Tex	LA6-7238
Me	D M Gaskill Assoc	342 Budlong Rd, Cranston, RI	WI2-2050
Md	Angus-Sloane Assoc	Rt 10, Carvel Hall, Annapolis	BE5-1900
Mass	D M Gaskill Assoc	342 Budlong Rd, Cranston, RI	WI2-2050
Mich	Magnuson Assoc	3347 W Irving Park Rd, Chicago, Ill	KE9-7555
Minn	Magnuson Assoc	3347 W Irving Park Rd, Chicago, Ill	KE9-7555
Miss	J Y Schoonmaker Co, Inc	PO Box 35266, Dallas, Tex	LA6-7238
Mo	Magnuson Assoc	3347 W Irving Park Rd, Chicago, Ill	KE9-7555
Mont	Samuel N Stroum Co	621 Michigan St, Seattle, Wash	PA3-7310
Neb	Magnuson Assoc	3347 W Irving Park Rd, Chicago, Ill	KE9-7555
Nev	Instruments for Measurements	3455 Cahuenga Blvd, Hollywood, Cal	HO9-7294
NH	D M Gaskill Assoc	342 Budlong Rd, Cranston, RI	WI2-2050
NJ	Gowan Saville Co	Ridge Rd, Scotia, NY	EX3-4272
NY	Gowan Saville Co	Ridge Rd, Scotia	EX3-4272
NC	James L Highsmith & Co	3733 Monroe Rd, Charlotte	FR7-2546
ND	Magnuson Assoc	3347 W Irving Park Rd, Chicago, Ill	KE9-7555
Ohio	Sheridan Assoc, Inc	Rosslawn Center Bldg, Cincinnati	ME1-2460
Okla	J Y Schoonmaker Co, Inc	PO Box 35266, Dallas, Tex	LA6-7238
Ore	Samuel N Stroum Co	621 Michigan St, Seattle, Wash	PA3-7310
Pa	Angus-Sloane Assoc	PO Box 126, Moorestown, NJ	BE5-1900
RI	D M Gaskill Assoc	342 Budlong Rd, Cranston	WI2-2050
SC	J Y Schoonmaker Co, Inc	PO Box 35266, Dallas, Tex	LA6-7238
SD	Magnuson Assoc	3347 W Irving Park Rd, Chicago, Ill	KE9-7555
Tex	J Y Schoonmaker Co, Inc	PO Box 35266, Dallas	LA6-7238
Utah	Magnuson Assoc	3347 W Irving Park Rd, Chicago, Ill	KE9-7555
Vt	D M Gaskill Assoc	342 Budlong Rd, Cranston, RI	WI2-2050
Va	Angus-Sloane Assoc	Carvel Hall, Annapolis, Md	BE5-1900
Wash	Samuel N Stroum Co	621 Michigan St, Seattle	PA3-7310
Wis	Magnuson Assoc	3347 W Irving Park Rd, Chicago, Ill	KE5-7555

TECHNITROL ENGINEERING CO — 1952 E. Allegheny Ave, Phila 34, Pa — GA6-9105
T Sharpless #35 *200 F 338-450-895-1200-1435-1855

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Technitrol Eng Co	1216 E Atlantic Blvd, Los Angeles 22	AN9-8378
Cal	R W Thompson Assoc	814 N San Antonio Rd, Palo Alto	DA1-6383
Fla	Jack Geartner Co	235 Lincoln Rd, Miami Beach, Fla	JE1-0200
Ill	Robert J Kennedy Co	6711 N Olcott Ave, Chicago	NE1-1283
Mass	Technitrol Eng Co	466 Main St, Wakefield	GA6-9105
NJ	S A M Associates	21 Hastings Rd, Franklin Park	HA3-[illegible]
NY	S A M Associates	150-08 87th Ave, Jamaica	
NY	Technitrol Eng Co	466 Main St, Wakefield, Mass	CR6-5561
NC	The Hiller Co	P.O. Box 5211, Winston Salem, NC	PA4-7084
SC	Hiller Co, The	PO Box 5211, Winston-Salem, NC	PA4-7084
Tex	Arrow Engineering Co	P.O. Box 9565, Dallas 14, Tex	TA4-[illegible]
Wash	Roy H Carley & Assoc	102 Jones Bldg, Seattle	MU2-4567
For	Sylvan Ginsbury Ltd	8 W 40th St, New York 18, NY	LO4-7585

TECHNOGRAPH PRINTED ELECTRONICS INC — 920 Northwest Blvd, Winston-Salem, NC — PA3-0767
#3 *6 A 280-1150

• **TECHNOLOGY INSTRUMENT CORP** — 533 Main St. Acton, Mass — CO3-7711
N Gray, Jr #40 *700 F 15-145-195-310-390-450-895-960-1330-1475-1850

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ariz	Technology Instrument Corp of Ariz	1050 E Valencia Rd, Tucson	MA2-1092
Cal	TIC Sales	8570 Wilshire Blvd, Beverly Hills, Cal	OL5-7661
Cal	Technology Instrument Corp of Cal	850 Lawrence Blvd, Newbury Park	HU5-2165
Cal	Technology Instrument Corp of Cal	1225 W Olympic Blvd, Los Angeles	MA3-6185
Ill	TIC Sales	2630 W Peterson St, Chicago 45	RO4-8802
Kan	Kinnick	777 Olympia Dr, St Louis 21, Mo	JA1-4877
Mo	Kinnick	777 Olympia Dr, St Louis 21	JA1-4877
Nev	Technology Instrument Corp of Cal	850 Lawrence Blvd, Newbury Park, Cal	HU5-2165
NJ	TIC Sales	9 Lincoln Ave, Rutherford	WE3-3771
NM	Technology Instrument Corp of Ariz	1050 E Valencia Rd, Tucson, Ariz	MA2-1092
NY	TIC Sales	88 Pondfield Rd, Mamaroneck	MA7-7300
Ohio	TIC Sales	3100 S Dixie Dr, Kettering 39	AX9-0212
Okla	John A Green Co	2714 S Lewis St, Tulsa	RI2-4657
Ore	Technology Instrument Corp of Cal	850 Lawrence Blvd, Newbury Park, Cal	HU5-2165
Tex	John A Green Co	7118 Envoy Ct, Dallas 35	FL2-9918
Wash	Testco	Boeing Field, Seattle	PA3-[illegible]
Can	Mel Sales Ltd	1969 Avenue Rd, Toronto 12, Ont	HU1-0231
Can	Mel Sales Ltd	Box 1302, Sta O, Montreal, Que	HA7-4313

• **TECHNOLOGY INSTRUMENT CORP OF ACTON** — 534 Main St. Acton, Mass — CO3-7756
S Swanson #9 *84 330-345-390-755-895-960-1585-1735-1810

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ariz	Instruments for Measurements	Hollywood 28, Cal	HO9-7294
Cal	Instruments for Measurement	Hollywood 28	HO9-7294
Cal	White & Co	735 Bayview Ave, Palo Alto, Cal	DA1-3350
Colo	Landes Zachary & Peterson Co	601 S. Jason St, Denver 23, Colo	SH4-1311
DC	Charles Henderschott	Trans World Airlines Bldg, Washington	EX3-1441
Pa	TIC Pa	Red Lion & Verree Rd, Philadelphia, Pa	
Ill	Saffro & Associates	5209 N. Kimball Ave, Chicago 25, Ill	JU8-0905
Ind	Saffro & Associates	5209 N. Kimball Ave, Chicago 25, Ill	JU8-0905
Iowa	Saffro & Associates	5209 N. Kimball Ave, Chicago 25, Ill	JU8-0905
Nev	White & Co	735 Bayview Ave, Palo Alto, Cal	DA1-3350
NJ	Kenneth E Hughes Co	4808 Bergenline Ave, Union City, NJ	UN7-3204
NM	Instruments for Measurements	Hollywood, Cal	HO9-7294
NY	Kenneth E Hughes Co	4808 Bergenline Ave, Union City, NJ	OX5-0082
NY	D B Associates Inc	3817 Erie Blvd, E., Dewitt 14, NY	GI6-0220
Ohio	TIC	Paul Welch Bldg, Kettering	
Okla	John A Green Co	7118 Envoy Ct, Dallas 7, Tex	FL1-9947
Pa	Kenneth E Hughes Co	101 N. 33rd St, Philadelphia 4, Pa	EV6-3130
Tex	John A Green Co	7118 Envoy Ct, Dallas 7, Tex	FL1-9947
Utah	Landes Zachary & Peterson	Box 15164, Salt Lake City	
Utah	Landes Zachary & Peterson Co	601 S Jason St, Denver 23, Colo	SH4-1311
Wash	Technology Instrument Corp	8530 Wilshire Blvd, Beverly Hills, Cal	OL5-7661
Wis	Saffro & Assoc	5209 N Kimball, Chicago 25, Ill	JU8-0905
Wisc	Saffro & Associates	5209 N. Kimball Ave, Chicago 25, Ill	JU8-0905
Wyo	Landes Zachary & Peterson	601 S Jason St, Denver 23, Colo	SH4-1311
Wyo	Landes Zachary & Peterson Co	601 S Jason St, Denver 23, Colo	SH4-1311
Canada	Conway Electronic Enterprises	1514 Eglinton Ave, W., Tor, Ont, Can	RU3-6576
Foreign	AD Auriema Inc	85 Broad St, New York 4, NY	BO9-7750

TECHNOLOGY INSTRUMENT CORP OF ILL — 10130 W. Pacific, Franklin Park, Ill — GL1-1140
1330-1475

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Technology Instrument Corp of Cal	850 Lawrence Dr, Newbury Park, Cal	HU5-2165
Ill	Cressley Associates Inc	2711 W. Howard St, Chicago, Ill	SH3-8500
NJ	Halliday-Hathaway Co, Inc	9 Lincoln Ave, Rutherford, NJ	WE9-7217
Tex	John A Green Co	7118 Envoy Ct, Dallas 35, Tex	FL2-9918
Canada	Mel Sales Ltd	Arnprior, Ontario, Canada	AR 400

TECH-OHM RESISTOR CORP — 36-11 33rd St, Long Island City 6, NY — ST6-2274
1135-1475

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Buthan Inc	Wilmington, NC	RO2-5749
Alaska	Fred H Haight Co	Seattle, Wash	EA2-1818
Ariz	J W Marsh Co	Phoenix, Ariz	CR4-7342
Ark	Altams Sales Co	Ft Worth, Tex	PE8-2639
Cal	J W Marsh Co	Los Angeles, Cal	RE2-0145
Colo	Inland Associates	Lakewood, Colo	
Conn	Norman A Terry	Pumpkin Hill, New Milford, Conn	EL4-7574
Del	Harry J White Co	Haddonfield, NJ	HA8-2304
DC	Harry J White Co	Haddonfield, NJ	HA8-2304
Fla	Buthan Inc	Wilmington, NC	RO2-5749
Ga	Buthan Inc	Wilmington, NC	RO2-5749
Hawaii	J W Marsh Co	Los Angeles, Cal	RE2-0145
Idaho	Fred H Haight Co	Seattle, Wash	EA2-1818
Ill	Ringland W Krueger Co	Chicago, Ill	PE6-3107
Ind	R C Warner & Associates	Sturgis, Mich	ST1140
Iowa	Inland Associates	Mission, Kan	EN2-2366
Kan	Inland Associates	Mission, Kan	EN2-2366
Ky	R C Warner & Associates	Sturgis, Mich	ST1140
La	Altams Sales Inc	Ft. Worth, Tex	PE8-2639
Me	Norman A Terry	Pumpkin Hill, New Milford, Conn	EL4-7574
Md	Harry J White Co	Haddonfield, NJ	HA8-2304
Mass	Norman A Terry	Pumpkin Hill, New Milford, Conn	EL4-7574
Mich	R C Warner & Associates	Sturgis, Mich	ST1140
Minn	Fred Peterson Co	Minneapolis, Minn	FR7-3025
Miss	Altams Sales Inc	Ft. Worth, Tex	PE8-2639
Mo	Inland Associates	Mission, Kan	EN2-2366
Mont	Fred H Haight Co	Seattle, Wash	EA2-1818
Neb	Inland Associates	Mission, Kan	EN2-2366
Nev	J W Marsh Co	Los Angeles, Cal	RE2-0145
NH	Norman A Terry	Pumpkin Hill, New Milford, Conn	EL4-7574
NJ	Heller & Associates	New York, NY	JU6-3893
NJ	Harry J White Co	Haddonfield, NJ	HA8-2304
NM	J W Marsh Co	Los Angeles, Cal	RE2-0145
NY	Heller & Associates	New York, NY	JU6-3893
NY	Midstate Research Sales Co	Syracuse, NY	GR8-6314
NC	Buthan Inc	Wilmington, NC	RO2-5745
ND	Fred H Haight Co	Seattle, Wash	EA2-1818
Ohio	R G Sidwell Co	Cleveland, Ohio	AC1-1313
Okla	Altams Sales Inc	Ft. Worth, Tex	PE8-2639
Ore	Fred H Haight Co	Seattle, Wash	EA2-1818
Pa	Harry J White Co	Haddonfield, NJ	HA8-2304
Pa	R G Sidwell Co	Cleveland, Ohio	AC1-1313
RI	Norman A Terry	Pumpkin Hill, New Milford, Conn	EL4-7574
SC	Buthan Inc	Wilmington, NC	RO2-5749
SD	Fred H Haight Co	Seattle, Wash	EA2-1818
Tenn	Buthan Inc	Wilmington, NC	RO2-5749
Tex	Altams Sales Inc	Ft. Worth, Tex	PE8-2639
Utah	Inland Associates Inc	Lakewood, Colo	
Vt	Norman A Terry	Pumpkin Hill, New Milford, Conn	EL4-7574
Va	Buthan Inc	Wilmington, NC	RO2-5749
Wash	Fred H Haight Co	Seattle, Wash	EA2-1818
W. Va	Buthan Inc	Wilmington, NC	RO2-5749
Wisc	Fred Peterson Co	Minneapolis, Minn	FR7-3025
Wyo	Inland Associates Inc	Lakewood, Colo	
Foreign	Fred H Haight Co	Seattle, Wash	EA2-1818

TECHRON CORP — 20 Simmons St, Boston 20, Mass — HI5-2150
#2 *28 C 280

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Fla	Massey Associates	1224 E Colonial Dr, Orlando	GA4-5744
Mass	Brookdale Engineering & Services Co	8 Beacon St, Boston, Mass	CA7-1515
NY	Robert Foster Co	P O Box 1081, Rochester 3	GR3-1270

TECH-TAC INC — 727 W. 7th St, Los Angeles 17, Cal — MA4-3444
525

TED MFG CORP — 11415 Johnson Dr, Shawnee, Kan — HE2-7470
345-1135-1330-1545

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ariz	Bowen & Carlberg	Albuquerque, NM	
Cal	Bill Eitzen	P O Box 393, Balboa Island, Cal	OR3-8208
Minn	K L Tannehill	2534 28th Ave, S., Minneapolis, Minn	PA1-5563
NM	Bowen & Carlberg	Albuquerque, NM	
Tex	P J Scanlon	2508 Inwood, Dallas, Tex	FL1-9991

• **TEFCO CORP** — 20 Willett Ave. Port Chester, NY — WE7-5400
V Math #3 *12 345-675-770-895-905-925-1045-1120-1135-1290-1315-1630-1780

• **TEIKOKU TSUSHIN KOGYO CO. LTD** — 335 Nishimoko-machi, Kariyado, Kawasaki, Japan
M Murakami #300 *2,800 D 1330-1735-1915

TEINER CO., INC., ROLAND — 134 Tremont St, Everett 49, Mass — DU7-7800
J Roberts 180-1120

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Allied Sales Co	P O Box 221, Marietta, Ga	MA8-1426
Ark	Gulf Metal Products Co	901 W Vickery St, Fort Worth, Tex	ED2-1749
Fla	Allied Sales Co	P O Box 221, Marietta, Ga	8-1426
Ga	Allied Sales Co	P O Box 221, Marietta	8-1426
Kan	Gulf Metal Products Co	901 W Vickery St, Fort Worth, Tex	ED2-1749
NC	Allied Sales Co	P O Box 221, Marietta, Ga	8-1426
Okla	Gulf Metal Products Co	901 W Vickery St, Fort Worth, Tex	ED2-1749
Pa	Production Components Co	1764 N. Highland Rd, Philadelphia, Pa	LO3-1868
SC	Allied Sales Co	P O Box 221, Marietta, Ga	8-1426
Tenn	Allied Sales Co	P O Box 221, Marietta, Ga	8-1426
Tex	Gulf Metal Products Co	901 W Vickery St, Fort Worth	ED2-1749
Va	Allied Sales Co	P O Box 221, Marietta, Ga	8-1426
W Va	Production Components Co	1764 N Highland Rd, Phila, Pa	LO3-1868

TEKTRON INSTRUMENT CO — 26225 NW. Cornell Rd. Hillsboro, Ore — MI8-3123
J Castigan #1 *12 B 700-895-1795-1850

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ore	Tektron Instrument Co	Box 121, Hillsboro	

TEKTRONIX INC — Box 500, Beaverton, Ore — MI4-0161
#100 M4000 G 200-895-1340

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Tektronix Inc	3272 Peachtree Rd, N.E., Atlanta 5, Ga	CE3-4484
Ariz	Tektronix Inc	7000 E. Camelback Rd. Scottsdale	WH6-4273
Ark	Tektronix Inc	6211 Denton Dr, Dallas 35, Tex	FL7-9128
Cal	Tektronix Inc	5441 E. Beverly Blvd. E. LA	RA3-9408
Cal	Tektronix Inc	17418 Ventura Blvd. Encino	ST8-5170
Cal	Tektronix Inc	3944 Fabian Way, Palo Alto	DA6-8500
Cal	Tektronix Inc	11681 San Vicente Blvd, W. L A 49	BR2-1563
Cal	Tektronix Inc	3045 Rosecrans St. San Diego	AC2-0294
Colo	Tektronix Inc	2120 S. Ash St, Denver 22, Colo	SK7-1249
Conn	Tektronix Inc	1122 Main St, Stamford, Conn	DA5-3817
Del	Tektronix Inc	7709 Ogontz Ave, Philadelphia 50, Pa	WA4-5678
DC	Tektronix Inc	9619 Columbia Pike, Annandale, Va	CL6-7411
Fla	Tektronix Inc	205 E. Colonial Dr, Orlando, Fla	GA5-3433
Ga	Tektronix Inc	3272 Peachtree Rd, N.E., Atlanta 5, Ga	CE3-4484
Idaho	Tektronix Inc	2120 S. Ash St, Denver 22, Colo	SK7-1249
Ill	Tektronix Inc	400 Higgins Rd, Park Ridge 15, Ill	TA5-6666
Ind	Tektronix Inc	3601 S. Dixie Dr, Dayton 39, Ohio	AX3-4175
Iowa	Tektronix Inc	400 Higgins Rd, Park Ridge 15, Ill	TA5-6666
Kan	Tektronix Inc	5920 Nall, Mission, Kan	HE2-1003
Ky	Tektronix Inc	3601 S. Dixie Dr, Dayton 39, Ohio	AX3-4175
La	Tektronix Inc	3605 Westgrove Ln, Houston 27, Tex	MO7-8301
Me	Tektronix Inc	442 Marrett Rd, Lexington 73, Mass	VO2-7570
Md	Tektronix Inc	724 York Rd, Towson 4, Md	VA5-9000
Mass	Tektronix Inc	442 Marrett Rd, Lexington 73, Mass	VO2-7570
Mich	Tektronix Inc	27310 Southfield Rd, Lathrup Village	EL7-0040
Minn	Tektronix Inc	3100 W. Lake St, Minneapolis 16, Minn	WA7-8559
Miss	Tektronix Inc	3605 Westgrove Ln, Houston 27, Tex	MO7-8301
Mo	Tektronix Inc	5920 Nall, Mission, Kan	HE2-1003
Mont	Tektronix Inc	2120 S. Ash St, Denver 22, Colo	SK7-1249
Neb	Tektronix Inc	5920 Nall, Mission, Kan	HE2-1003
Nev	Tektronix Inc	3944 Fabian Way, Palo Alto, Cal	DA6-8500
NH	Tektronix Inc	442 Marrett Rd, Lexington 73, Mass	VO2-7570
NJ	Tektronix Inc	400 Chestnut St, Union, NJ	MU8-7272
NM	Tektronix Inc	509 San Mateo Blvd, NE, Albuquerque	AM8-3373
NY	Tektronix Inc	840 Willis Ave, Albertson, NY	PI7-4830
NY	Tektronix Inc	E. Molloy Rd & Packard Dr, Syracuse	GL4-2426
NC	Tektronix Inc	1838 Banking St, Greensboro, NC	BR4-0486
ND	Tektronix Inc	3100 W. Lake St, Minneapolis, Minn	WA7-8559
Ohio	Tektronix Inc	1503 Brookpark Rd, Cleveland 9, Ohio	FL1-8414
Ohio	Tektronix Inc	3601 S. Dixie Dr, Dayton 39, Ohio	AX3-4175
Okla	Tektronix Inc	6211 Denton Dr, Dallas 35, Tex	FL7-9128
Ore	Hawthorne Electronics	700 S.E. Hawthorne Blvd, Portland 14	BE4-9375
Pa	Tektronix Inc	7709 Ogontz Ave, Philadelphia 50, Pa	WA4-5678
RI	Tektronix Inc	442 Marrett Rd, Lexington 73, Mass	VO2-7570
SC	Tektronix Inc	3272 Peachtree Rd, N.E., Atlanta 5, Ga	CE3-4484
SD	Tektronix Inc	3100 W. Lake St, Minneapolis 16, Minn	WA7-8559
Tenn	Tektronix Inc	3272 Peachtree Rd, N.E., Atlanta 5, Ga	CE3-4484
Tex	Tektronix Inc	6211 Denton Dr, Dallas 35, Tex	FL7-9128
Utah	Tektronix Inc	2120 S. Ash St, Denver 22, Colo	SK7-1249
Vt	Tektronix Inc	442 Marrett Rd, Lexington 73, Mass	VO2-7570
Va	Tektronix Inc	9619 Columbia Pike, Annandale, Va	CL6-7411
Wash	Hawthorne Electronics	112 Adm. Bldg, Boeing Field, Seattle	PA5-1460
W.Va	Tektronix Inc	1503 Brookpark Rd, Cleveland 9, Ohio	FL1-8414
Wisc	Tektronix Inc	400 Higgins Rd, Park Ridge 15, Ill	TA5-6666
Wyo	Tektronix Inc	2120 S. Ash St, Denver 22, Colo	SK7-1249

TELAUTOGRAPH CORP — 8700 Bellanca Ave. Los Angeles 45, Cal — OR8-4756
W Gerrie #44 *302 325-338-635

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	TELautograph Corp	1725 Beverly Blvd, Los Angeles 26	DU2-8445
Cal	TELautograph Corp	25 California St, San Francisco 11	YU1-[illegible]
DC	Telautograph Corp	3732 10th St, N.E., Washington 17, DC	LA6-[illegible]
Fla	Harry A Nozzle	621 NE 165th St, N Miami Beach	WI5-[illegible]
Ga	TELautograph Corp	1303 Spring St NW, Atlanta 5	TR5-6728
Ill	Telautograph Corp	435 N. Michigan Ave, Chicago, Ill	WH4-1241
Mass	Telautograph Corp	25 Huntington Ave, Boston 16, Mass	CO7-3440
Mich	Telautograph Corp	5057 Woodward Ave, Detroit 2, Mich	TE3-5191
Minn	TELautograph Corp	3350 University Ave SE, Minneapolis 14	FE1-1952
Mo	Telautograph Corp	506 Fullerton Bldg, St. Louis 1	CH1-5755
Mo	Telautograph Corp	Union Sta Bldg, Kansas City 8, Mo	VI2-2300
NJ	Telautograph Corp	364-70 Main St, East Orange, NJ	MO3-2800
NY	TELautogram Corp	974 Kenmore Ave, Buffalo 23	TR5-2244
NY	TELautogram Corp	122 E 42nd St, New York 17	YU6-4840
Ohio	TELautogram Corp	1405 E 6th St, Cleveland 14	SU1-9737
Ohio	Telautograph	626 Broadway, Cincinnati 2, Ohio	GA1-1378
Pa	Telautograph Corp	1013 City Centre Bldg, Philadelphia 7, Pa	LO7-2546
Pa	Telautograph Corp	929 Park Ave, Pittsburgh 34, Pa	FI1-8409
Tex	Telautograph Corp	5635 Yale Blvd, Dallas 6, Tex	EM8-7335
Wash	Telautograph Corp	201 Fairview N., Seattle 9, Wash	MA4-0555
For	Fernand Linthout	55, Ave Duc Jean, Ganshoren Brussels, Belg	25.43.76

TELCO ELECTRONICS MFG CO DIV G-C TEXTRON INC — 400 S. Wyman St, Rockford, Ill — WO8-9661
D O'Connell 45-1025-1170-1410

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	The Claric Adair Co	1426 Highpoint Pl, N.E., Atlanta 6, Ga	TR5-3179
Alas	J O Le Brun	1906 NE 57th Ave, Portland, Ore	AT8-3142
Ariz	D Muir Sales	612 Colman St, LA, Cal	SY7-0153
Ark	Berthold Sales Co	4411 Maple Ave, Dallas 19, Tex	LA6-8329
Ark	Tamsco Sales Co	4924 Lochinvar, Memphis, Tenn	EX8-2014
Cal	D Muir Sales	612 Coleman St, LA	SY7-0153
Cal	Harold L Newman	58 41st Ave, San Mateo, Cal	FI1-3433
Colo	S Clupf & Assoc	75 S. Cody Ct, Denver	BE3-6025
Conn	Mosher & Reyser Co	945 Great Plain Ave, Needham 92, Mass	HI4-1430
Del	C W Lienau Co	9427 Ga. Ave, Silver Springs, Md	JU7-5888
DC	C W Lienau Co	9427 Ga. Ave, Silver Springs, Md	JU7-5888

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Fla	Winfield Electronic Sales	666 NE 125th St. N. Miami	PL1-5566
Ga	The Clark Allan Co	1426 Highpoint Pl, N.E., Atlanta 6, Ga	TR5-3979
Hawaii	Gene Piety Factors Inc	2030 Home Rule St, Honolulu 17, Hawaii	8-3105
Idah	G O Le Brun	1906 NE 57th Ave, Portland, Ore	SY7-0153
Ill	Theodore B Lowell & Associates	Box 26, Creve Coeur Br, St. Louis 41, Mo.	MI7-1111
Ill	Markal Sales Co	2639 W. Peterson, Chicago 45	LO1-7290
Ind	Markal Sales Co	2639 W. Peterson, Chicago 45, Ill	LO1-7290
Iowa	T B Lowell Assoc	Box 26, Creve Couer Br, St. Louis, Mo	MI7-1111
Kan	Theodore B Lowell & Associates	Box 26, Creve Coeur Br, St. Louis 41, Mo	MI7-1111
Ky	Markal Sales Co	2639 W Peterson, Chicago 45, Ill	LO1-7290
Ky	F A Daugherty Co	6025 Mayfield Rd, Cleveland 24, Ohio	HI9-1122
La	Berthold Sales Co	4411 Maple Ave, Dallas 19, Tex	LA6-8329
La	Tamsco Sales Co	4924 Lochinvar, Memphis, Tenn	EX8-2014
Me	Mosher & Peyser Co	945 Great Plain Ave, Needham 92, Mass	HI4-1400
Md	F A Daugherty Co	6025 Mayfield Rd, Cleveland 24, Ohio	HI9-1122
Md	C W Linnau Co	9427 Ga. Ave. Silver Springs	JU7-5888
Mass	Mosher & Peyser Co	945 Great Plain Ave, Needham 92, Mass	HI4-1400
Mich	Markal Sales Co	2639 W. Peterson, Chicago 45, Ill	LO1-7290
Minn	P Aylward	3807 Grand Ave. Mnpls	TA4-6266
Miss	Tamsco Sales Co	4924 Lochinvar, Memphis, Tenn	EX8-2014
Miss	The Clark Allan Co	1426 N.E. Highpoint Pl, Atlanta 6, Ga	TR5-3979
Mo	Theodore B Lowell & Associates	Box 26, Creve Coeur Br, St. Louis 41, Mo	MI7-1111
Mont	S Clumpf & Assoc	75 S. Cody Ct. Denver, Colo	BE3-6025
Neb	T Lowell & Assoc	Box 26-Creve Coeur Br. St. Louis, Mo	MI7-1111
Nev	D Muir Sales	612 E. Colman, Altadena, Cal	SY7-0153
Nev	Harold L Newman	56 - 41st Ave, San Mateo, Cal	FI1-3433
NH	Mosher & Peyser Co	945 Great Plain Ave, Needham 92, Mass	HI4-1400
NJ	C W Linnau Co	9427 Ga. Ave. Silver Spring, Md	JU7-5888
NJ	E Haviland Assoc	271 Hempstead Ave. Malverne, NY	LY9-6500
NY	E Haviland Assoc	271 Hempstead Ave. Malverne	LY9-6500
NY	W Tauber	151 Fayette Blvd. Syracuse 3	GR4-5224
NC	The Clark Allan Co	1426 N.E. Highpoint Pl, Atlanta 6, Ga	TR5-3979
ND	P Aylward	3807 Grand Ave. Mnpls, Minn	TA4-6266
Ohio	F A Daugherty Co	6025 Mayfield Rd, Cleveland 24, Ohio	HI9-1122
Okla	Berthold Sales Co	4411 Maple Ave, Dallas 19, Tex	LA6-8329
Ore	J O Le Brun	1906 NE 57th Ave, Portland	AT8-3412
Pa	F A Daugherty Co	6025 Mayfield Rd, Cleveland 24, Ohio	HI9-1122
Pa	C W Linnau Co	9427 Ga. Ave. Silver Spring, Md	JU7-5888
Pa	Newman Sales Co	86 Pilgrim Rd. Rosslyn Farms, Carnegie	BR9-4955
RI	Mosher & Peyser Co	945 Great Plain Ave, Needham 92, Mass	HI4-1400
SC	The Clark Allan Co	1426 N.E. Highpoint Pl, Atlanta 6, Ga	TR5-3979
SD	P Aylward	3807 Grand Ave, Mnpls, Minn	TA4-6266
Tenn	The Clark Allan Co	1426 N.E. Highpoint Pl, Atlanta 6, Ga	TR5-3979
Tenn	Tamsco Sales Co	4924 Lochinvar, Memphis	EX8-2014
Tex	Berthold Sales Co	4411 Maple Ave, Dallas 19, Tex	LA6-8329
Utah	S Clumpf & Assoc	75 S. Cody Ct. Denver, Colo	BE3-6025
Vt	Mosher & Peyser Co	945 Great Plain Ave, Needham 92, Mass	HI4-1400
Va	The Clark Allan Co	1426 Highpoint Pl, N.E., Atlanta 6, Ga	TR5-3979
Va	C W Linnau Co	9427 Ga. Ave. Silver Spring, Md	JU7-5888
Wash	J G Le Brun	1906 NE 57th Ave, Portland, Ore	AT8-3412
W Va	Newman Sales Co	86 Pilgrim Rd. Carnegie, Pa	BR9-3855
Wis	Markal Sales Co	2639 W. Peterson, Chicago, Ill	LO1-7290
Wyo	S Clumpf & Assoc	75 S. Cody Ct. Denver, Colo	BE3-6025
Canada	E Eaton McLaren Ltd	1034 W. 3rd Ave, Vancouver 9, B C	BA2651
Canada	Charles W Pointon Ltd	66 Racine Rd, Rexdale, Ontario, Canada	CH7-1777
Foreign	E D Magnus & Associates	188 W. Randolph St, Chicago, Ill	FR2-3735

TELCO INC ... 47 Rue De La Div Leclerc, Gentilly, France ... ALE-39-85
Roy #5 *55 D 200-338-895-1850

Cal	Dallons Labs	5066 Santa Monica Blvd, Los Angeles	NO4-1951
NY	Dallons Labs	166 E. 23rd St, New York 10, NY	

TELCON ... P.O.Box 216, Pacific Palisades, Cal ... GL4-4043
25-190-345

Alaska	Don H Burcham Co	422 First Ave, W., Seattle 99, Wash	
Alaska	Don H Burcham Co	510 N.W. 19th Ave, Portland 1, Ore	
Del	Andco Sales-Engineering	5823 Greene St, Philadelphia 44, Pa	VI4-9100
DC	Andco Sales-Engineering	5823 Greene St, Philadelphia 44, Pa	VI4-9100
Idaho	Don H Burcham Co	422 First Ave, W., Seattle 99, Wash	
Idaho	Don H Burcham Co	510 N.W. 19th Ave, Portland 8, Ore	
Md	Andco Sales-Engineering	5823 Greene St, Philadelphia 44, Pa	VI4-9100
Mont	Don H Burcham Co	422 First Ave, W., Seattle 99, Wash	
Mont	Don H Burcham Co	510 N.W. 19th Ave, Portland 8, Ore	
NJ	Andco Sales-Engineering	5823 Greene St, Philadelphia 44, Pa	VI4-9100
Ore	Don H Burcham Co	510 N.W. 19th Ave, Portland 8, Ore	
Pa	Andco Sales-Engineering	5823 Greene St, Philadelphia 44, Pa	VI4-9100
Va	Andco Sales-Engineering	5823 Greene St, Philadelphia 44, Pa	VI4-9100
Wash	Don H Burcham Co	422 First Ave, W., Seattle 99, Wash	
W. Va	Andco Sales-Engineering	5823 Greene St, Philadelphia 44, Pa	VI4-9100

TELE COIL CO. ... 2733 Saunders St, Camden 5, NJ ... EM5-7528
S Feldman #1 *28 B 320-1855-1995

Cal	Mar-Rep Co	P.O. Box 3244, Granada Hills	
Md	Bernard White	1104 Northview Concourse, Baltimore	LA3-7700
NJ	Thomas E Stewart Co	Broadway & Styles Ave, Maple Shade	NO3-3433
NY	Frank Tylinski	73-63 Bell Blvd, Bayside 64, NY	HO4-8927
Pa	William Drew & Co	104 Essex Dr, Narberth, Pa	MO4-6766

TELE-COMMUNICATIONS INC ... 50 Drumm St. San Francisco, Cal ... YU2-4314
R Bosco #2 *12 B 325-945-1425-1870

• **TELE-DYNAMICS DIV. AMERICAN BOSCH ARMA CORP** ... 5000 Parkside Ave. Philadelphia 31, Pa ... TR8-3900
J Miller #200 *600 G 325-330-338-365-440-895-1150-1425-1735-1870

Ala	American Bosch Arma Corp	1000 Connecticut Ave, NW, Wash 6, DC	ST3-1966
Ariz	American Bosch Arma Corp	9460 Wilshire Blvd. Beverly Hills, Cal	BR2-4283
Ark	C R Harmon	Box 18206, Dallas 18, Tex	EM8-5801
Cal	American Bosch Arma Corp	9460 Wilshire Blvd. Beverly Hills	BR2-4283
Colo	C R Harmon	Box 18206, Dallas 18, Tex	EM8-5801
Conn	J J Stinson	179 Rice Ave. Rockland, Mass	TR8-3046
Del	American Bosch Arma Corp	1000 Connecticut Ave. NW, Wash 6, DC	ST3-1966
DC	American Bosch Arma Corp	1000 Connecticut Ave. NW, Wash 6, DC	ST3-1966
Fla	American Bosch Arma Corp	1000 Connecticut Ave. NW, Wash 6, DC	ST3-1966
Ga	American Bosch Arma Corp	1000 Connecticut Ave. NW, Wash 6, DC	ST3-1966
Idah	American Bosch Arma Corp	9460 Wilshire Blvd. Beverly Hills, Cal	BR2-4283
Ill	E Sexton	2001 Westview Dr. Desplaines	CY9-2668
Ind	Erl Sexton	2001 Westview Dr. Desplaines, Ill	CY9-2668
Iowa	Erl Sexton	2001 Westview Dr. Desplaines, Ill	CY9-2668
Kan	Erl Sexton	2001 Westview Dr. Desplaines, Ill	CY9-2668
Ky	American Bosch Arma Corp	349 W 1st St. Dayton 2, Ohio	BA2-1162
La	C R Harmon	P O Box 18206, Dallas 18, Tex	EM8-5801
Me	J J Stinson	179 Rice Ave. Rockland, Mass	TR8-3046
Md	American Bosch Arma Corp	1000 Connecticut Ave. NW, Wash 6, DC	ST3-1966
Mass	J J Stinson	179 Rice Ave. Rockland	TR8-3046
Mich	E Sexton	2001 Westview Dr. Desplaines, Ill	CY9-2668
Minn	E Sexton	2001 Westview Dr. Desplaines, Ill	CY9-2668
Miss	American Bosch Arma Corp	1000 Connecticut Ave. NW, Wash 6, DC	ST3-1966
Mo	C R Harmon	Box 18206, Dallas 18, Tex	EM8-5801
Mont	American Bosch Arma Corp	9460 Wilshire Blvd. Beverly Hills, Cal	BR2-4283
Neb	E Sexton	2001 Westview Dr. Desplaines, Ill	CY9-2668
Nev	American Bosch Arma Corp	9460 Wilshire Blvd. Beverly Hills, Cal	BR2-4283
NH	J J Stinson	179 Rice Ave. Rockland, Mass	TR8-3046
NJ	A H Stitely	5 Klein St. Oakhurst, NJ	KE1-4814
NM	C R Harmon	Box 18206, Dallas 18, Tex	EM8-5801
NY	J J Stinson	179 Rice Ave. Rockland, Mass	TR8-3046
NC	American Bosch Arma Corp	1000 Connecticut Ave. NW, Wash, DC	ST3-1966
ND	E Sexton	2001 Westview Dr. Desplaines, Ill	CY9-2668
Ohio	American Bosch Arma Corp	349 W 1st St. Dayton 2	BA2-1162
Okla	C R Harmon	Box 18206, Dallas 18, Tex	EM8-5801
Ore	American Bosch Arma Corp	9460 Wilshire Blvd. Beverly Hills, Cal	BR2-4283
Pa	Allen H Stitely	5 Klein St. Oakhurst, NJ	KE1-4814
RI	J J Stinson	179 Rice Ave. Rockland, Mass	TR8-3046
SC	American Bosch Arma Corp	1000 Connecticut Ave. NW, Wash, DC	ST3-1966
SD	E Sexton	2001 Westview Dr. Desplaines, Ill	CY9-2668
Tenn	American Bosch Arma Corp	1000 Connecticut Ave. NW, Wash, DC	ST3-1966
Tex	C R Harmon	Box 18206, Dallas 18	EM8-5801
Utah	American Bosch Arma Corp	9460 Wilshire Blvd. Beverly Hills, Cal	BR2-4283
Vt	J J Stinson	179 Rice Ave. Rockland, Mass	TR8-3046
Va	American Bosch Arma Corp	1000 Connecticut Ave. NW, Wash, DC	ST3-1966
Wash	American Bosch Arma Corp	9460 Wilshire Blvd. Beverly Hills, Cal	BR2-4283
W Va	American Bosch Arma Corp	1000 Connecticut Ave. NW, Wash, DC	ST3-1966
Wis	E Sexton	2001 Westview Dr. Desplaines, Ill	CY9-2668
Wyo	American Bosch Arma Corp	9460 Wilshire Blvd. Beverly Hills, Cal	BR2-4283

TELE-SMOKE CORP ... 17 Ward St, Bloomfield, NJ
895

TELECHROME MFG CORP ... 185 Dixon Ave. Amityville, NY ... LI1-3600
H Riber #90 F 220-325-338-345-360-365-895-915-945-1100-1135-1150-1340-1425-1550-1555-1730-1735-1845-1850-1870

Cal	Telechrome Mfg Corp	13635 Victory Blvd, Van Nuys, Cal	ST2-7479
DC	Telechrome Mfg Corp	1026 Connecticut Ave. Washington	ME8-4315
Ill	Telechrome Mfg Corp	106 West St, Charles Rd, Lombard, Ill	MA7-6026
Tex	Telechrome Mfg Corp	4707 Gaston Ave, Dallas, Tex	TA3-3291

TELECOM INC ... 1019 Admiral Blvd, Kansas City, Mo
360-795-895-910-915-920-1765

TELECOMPUTING CORP ... 915 N Citrus Ave. Los Angeles 38, Cal ... HO4-3171
E Glerson #400 *3000 G 30-45-70-220-265-315-325-338-340-370-430-440-450-620-625-775-780-895-900-1135-1165-1290-1300-1410-1460-1655-1920

Ala	Telecomputing Corp	2700 S Memorial Parkway, Huntsville	JE9-7436
Ariz	Phoenix Engr & Mfg Co	1320 N 52nd St. Phoenix	BR5-4457
Colo	Power Sources	3850 Olive St. Denver 7	DU8-4836
Conn	Technical Instruments Inc	1115 Main St. Bridgeport	FO8-4582
DC	A H Fagerman Associates	2000 K St, N.W., Washington 6, DC	FE3-6767
DC	Telecomputing Corp	1725 Eye St NW, Washington 6	FE3-9161
Fla	Roy Attaway Co	711 Magnolia Ave. Orlando	GA4-9983
Ga	Whittaker Controls	3272 Peachtree Rd NE, Atlanta	CE3-5291
Ill	R E Stemm	5681 W Lake St. Chicago	ES9-2700
Kan	Whittaker Controls	6427 E Kellogg, Wichita	MU2-0332
Md	L G White & Co	212 Washington Ave. Towson 4	VA3-8701
Mass	Telecomputing Corp	403 Statler Bldg. Boston 16	HA6-1398
Minn	R E Stemm Inc	123 S Third St. Minneapolis	FE5-7172
Mo	Lee Mark Associates	2001 Big Bend Blvd. St Louis 17	MI7-1470
NY	Whittaker Controls	600 Old Country Rd. Garden City	PI1-5066
NC	L G White & Co., Inc	P O Box 2356, Winston-Salem	PA5-3612
Ohio	Telecomputing Corp	131 N Ludlow St #224, Dayton	BA2-5595
Pa	L G White Inc	108 Forest Ave. Narbeth	MO4-6505
RI	Douglas Randall Canada, Ltd	6 Pawcatuck Ave. Westerly	MU7-9163
Tex	Jo-Joyce Engineering Sales	137 Walnut Hill Village #10, Dallas	NE6-8162
Utah	Applied Eng Prods	405 Felt Bldg. Salt Lake City	EM4-4942
Va	W A Brown & Associates	3610 Mt Vernon Ave. Alexandria	TE6-1800
Wash	Whittaker Controls	830 Riverside Rd. N, Renton	BA6-0650
For	Intercontinental Aviation	8961 Sunset Blvd. Los Angeles 46, Cal	CR4-7578

TELECOMPUTING CORP. ELECTRONIC COMPONENTS DIV ... 12838 Saticoy St. N Hollywood, Cal ... 7-8181
R Wellstrom #5 *42 D 215-220-320-1460-1855

Ala	W A Brown & Assoc	3405 Lookout Dr. SE, Huntsville	JE6-8393
Ariz	Perlmuth Electronic Assoc	2519 E Thomas Rd, Phoenix	AM4-4934
Cal	Perlmuth Electronic Assoc	5057 W Washington Blvd. Los Angeles	WE1-1041
Colo	Applied Engineering Products	405 Felt Bldg. Salt Lake City, Utah	EM4-4942
Conn	Hatch Hutchinson Assoc	Box 12, Manchester	MI3-0863
DC	W A Brown Associates	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Fla	W A Brown & Assoc	201 Capron Rd, Indian River City	AM7-0411
Ga	W A Brown & Assoc	201 Capron Rd, Indian River City, Fla	AM7-0411
Ill	R Edward Stemm Co	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Ind	R Edward Stemm Co	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Iowa	R Edward Stemm Co	5681 W. Lake St, Chicago 44, Ill	ES9-2700
Kan	Jo-Joyce Engineering Sales	137 Walnut Hill Village, Dallas, Tex	NE6-8162
Kan	Jo-Joyce Engineering Sales Corp	137 Walnut Hill Village, Dallas 20, Tex	FL7-7583
Ky	W A Brown & Assoc	3610 Mt Vernon Ave. Alexandria, Va	TE6-1800
Me	Hatch Hutchinson Assoc	19 Kearney Rd. Needham Hts. 94, Mass	HI4-7550
Md	W A Brown Associates	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Mass	Hatch Hutchinson Assoc	19 Kearney Rd. Needham Heights 94	HI4-7550
Minn	R Edward Stemm Co	123 S 3rd St. Minneapolis	FE5-7172
Miss	W A Brown & Assoc	3405 Lookout Dr. SE, Huntsville, Ala	JE6-8393
NH	Hatch Hutchinson Assoc	19 Kearney Rd. Needham Hts. 94, Mass	HI4-7550
NJ	David Sonkin Assoc	10 Fiske Pl, Mt Vernon, NY	MT8-3809
NM	Applied Engineering	405 Felt Bldg. Salt Lake City, Utah	EM4-4942
NY	Ossmann & Assoc	830 Linden Ave. Rochester	LU6-4940
NC	W A Brown & Assoc	1707 Princeton St. SW, Winston-Salem	PA5-5384
RI	Hatch Hutchinson Assoc	Box 12, Manchester, Conn	MI3-0863
SC	W A Brown & Assoc	201 Capron Rd, Indian River City, Fla	AM7-0411
Tenn	W A Brown & Assoc	3405 Lookout Dr. SE, Huntsville, Ala	JE6-8393
Utah	Applied Engineering Products	405 Felt Bldg. Salt Lake City	EM4-4942
Vt	Hatch Hutchinson Assoc	19 Kearney Rd. Needham Hts. 94, Mass	HI4-7550
Va	W A Brown & Assoc	1707 Princeton St. SW, Winston-Salem, NC	PA5-5384
W. Va	W A Brown Associates	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Wis	R Edward Stemm Co	123 S 3rd St. Minneapolis, Minn	FE4-7550
Wyo	Applied Engineering Products	405 Felt Bldg. Salt Lake City, Utah	EM4-4942

TELECTRO INDUSTRIES CORP ... 35-16 37th St, Long Island City 1, NY ... YE2-8600
H Sussman #42 *400 F 220-230-255-280-325-338-565-585-600-615-635-670-895-910-920-1045-1075-1150-1125-1180-1245-1435

Alas	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA2-1818
Ark	Campion Sales Co	3002 Chancellor Row, Dallas, Tex	FL7-4095
Cal	Long Assoc, Inc	505 Middlefield Rd, Redwood City	EM9-3324
Conn	Eastern Electronic Sales Co	15 Chatham Dr, S Norwalk	TE8-3111
Ill	Lee Falkenberg	4035 W Higgins, Chicago 31	
Mich	S Sterling Co	15310 W McNichols Rd, Detroit 35	BR3-2900
NY	Bertrand D Aaron & Co	P.O. Box 186, Roslyn	MA1-0630

TELECTRON CO ... 3991 S.W. 12th Terr, Ft. Lauderdale, Fla ... JA4-8361
J Trost #4 *100 E 360-1995

Conn	Howard Hopkins	P.O. Box 295, Plainville	
Ohio	Lawrence Lane	2985 Euclid Hts Blvd, Cleveland	

TELEGRAPH CONDENSER CO LTD ... Wales Farm Rd, Acton London W.3, England
W Sternfeld 120-220-240-280-670-715-740-1730

TELEMETRICS INC ... 12927 S Budlong Ave. Gardena, Cal ... FA1-6321
P Yalonelli #10 *65 E 325-330-338-365-440-895-950-1425-1435-1610-1865-1870

Ala	Vector of Melbourne Inc	P O Box 216, Melbourne, Fla	PA3-7616
Ark	N S Brown Assoc	5952 Boca Raton Dr. Dallas, Tex	EM3-3591
Cal	G F Strathe Co	1181 Sesame Dr. Sunnyvale	RE5-8640
Colo	Barnhill Assoc	1170 S Sheridan Blvd, Denver	WE5-4646
Conn	General Measurements	1138 Beacon St. Newton Highlands, Mass	WO9-9150
Del	Bartlett, Fred F. Co	11 West Ave, Wayne, Pa	MU8-7325
Ill	Design & Sales Engineering Co	7703 Forsyth Blvd. St Louis, Mo	PA1-6411
Ind	Ashby Assoc	Talbott Towers, Dayton, Ohio	BA4-8801
NJ	Trivco Assoc. Inc	45 N Station Plaza, Great Neck, NY	HU7-9095
NM	Barnhill Assoc	1170 S Sheridan Blvd, Denver	WE5-4646
For	Trans-World Trade	450 N Beverly Dr. Beverly Hills, Cal	CR5-2444

TELEPHONICS CORP ... Park Ave, Huntington, NY ... HA3-6200
D Braid #25 *500 D 805-895-910-1130-1425-1655-1660-1845-1870

Cal	James Adams	P.O. Box 45114, L.A. Intl Airport, L.A.	AX4-5963
Fla	Telephonics Corp	Broward County Airport, Ft. Lauderdale	JA3-4422

• **TELERAD DIV. LIONEL CORP.** ... Rt 69, Flemington, NJ ... ST2-2011
H Eyerman #10 *200 E 25-45-190-345-670-865-895-1045-1135-1410-1735-1900

Cal	Kesco	Redwood City	
Cal	Halbar Assoc	1001 Glendale Blvd, LA	
Iowa	Kay Sales	Des Moines	
Kan	Kay Sales	Kansas City	
Miss	Kay Sales	St Louis, Mo	
Mo	Kay Sales	St Louis	
Okla	Kay Sales	Wichita, Kan	
Tex	Southern Ind Electronics	Dallas	

TELEREGISTER CORP. ... 445 Fairfield Ave, Stamford, Conn ... FI8-4291
E Schmidt #200 *1,100 G 325-338-340-430-895

TELETYPE CORP ... 5555 Touhy Ave. Skokie, Ill ... CO7-6700
R Bogden 325-338-360-895-1770

TELEVISION UTILITIES CORP DIV OF NORD ... 300 Denton Ave. New Hyde Park, NY ... PI6-4300
C Odom #4 *10 B 200-895-1340-1515-1910

NY	Shamark Distributors	103 E Hawthorne St. Valley Stream	LO1-8890

TELEVISO CORP ... Wheeling & Exchange Rds. Wheeling, Ill ... NE1-1400
R Bilhorn #10 *100 E 610-670-775-895-1425-1515

TELEWAVE LABS INC ... 43-20 34th St. Long Island City, NY ... EX2-4500
A Goldberg 1135

Ala	Murphy & Cota	L Plaza, 250-5th Ave, Huntsville, Ala	
Ariz	T Louis Snitzer Co	5354 W. Pico Blvd, Los Angeles, Cal	WE8-2074
Ark	Industrial Associated Electronics	5007 E. Lancaster Ave, Ft. Worth, Tex	JE1-1132
Cal	T Louis Snitzer Co	5354 W. Pico Blvd, Los Angeles, Cal	WE8-2074
Cal	T Louis Snitzer Co	510 S. Mathilda Ave, Sunnyvale, Cal	RE6-6733
Cal	T Louis Snitzer Co	7814 Ivanhoe Ave, LaJolla, Cal	GL4-2191
Colo	McLoud & Raymond	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
Conn	George Gregory Associates	P O Box 243, Cheshire, Conn	AT8-2990
Del	Eastern Associates	5547 Baltimore Nat'l Pike, Baltimore, Md	RI4-3676
DC	Bromberg Associates	221 Investment Bldg, Washington 5, DC	DE2-1000
Fla	Murphy & Cota	1220 Edgewater Dr, Orlando, Fla	GA4-2167
Ga	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta 5, Ga	TR5-3023
Hawaii	John J Harding Co Ltd	P.O. Box 4013, Honolulu, Hawaii	99-5375
Idaho	Hawthorne Electronics	700 S.E. Hawthorne Blvd, Portland, Ore	
Ill	Loren F Green & Associates	5218 W. Diversey Ave, Chicago, Ill	PA5-6824
Ind	Loren F Green & Associates	5218 W. Diversey Ave, Chicago, Ill	PA5-6824
Iowa	Engineering Services Co	1306 Oakland Gardens, Cedar Rapids	EM5-6183
Kan	Engineering Services Co	8325 Indianapolis Ave, Wichita, Kan	MU3-3751
La	Industrial Associated Electronics	5007 E. Lancaster Ave, Ft. Worth, Tex	JE1-1132
Me	George Gregory Associates	19 Elm St, W. Newton, Mass	BI4-4832
Md	Eastern Associates	5547 Baltimore Nat'l Pike, Baltimore, Md	RI4-3676
Md	Eastern Associates	8616 Georgia Ave, Silver Spring, Md	

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Mass	George Gregory Associates	99 Elm St, W. Newton, Mass	BI4-4832
Mich	Harvey Teplitz & Co	13942 Inkster Rd, Detroit 23, Mich	KE7-9058
Minn	Loren F Green & Associates	5218 W. Diversey Ave, Chicago, Ill	PA5-6824
Miss	Murphy & Cota	LH Plaza, 250-5th Ave, Huntsville, Ala	
Mo	Engineering Services Co	4550 Main St, Kansas City, Mo	JE1-7765
Mo	Engineering Services Co	6635 Delmar Blvd, St. Louis, Mo	VO3-4861
Mont	McLeod & Raymond	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
Neb	Engineering Services Co	4550 Main St, Kansas City, Mo	JE1-7765
Nev	T Louis Snitzer Co	5354 W. Pico Blvd, Los Angeles, Cal	WE8-2074
NH	George Gregory Associates	99 Elm St, W., Newton, Mass	BI4-4832
NJ	Eastern Associates	620 Homestead Rd, Jenkintown, Pa	TU4-7200
NJ	Robert E Sewell	43-25 34th St, Long Island City, NY	EX2-4500
NM	Industrial Associated Electronics	5017 E. Lancaster Ave, Ft. Worth, Tex	JE1-1132
NY	Naco Electronics Corp	704 Allen Pk, N., Syracuse, NY	GL8-2358
NY	Naco Electronics Corp	74 Park Ave, Rochester, NY	
NC	Murphy & Cota	1106 Burke St, Winston-Salem, NC	PA4-0750
Ohio	Harvey Teplitz & Co	871 Sycamore Dr, Cleveland, Ohio	RE1-5676
Ohio	Harvey Teplitz & Co	2542 Cornell Dr, Dayton, Ohio	CR7-9178
Okla	Industrial Associated Electronics	5017 E. Lancaster Ave, Ft. Worth, Tex	JE1-1132
Ore	Hawthorne Electronics	700 S.E. Hawthorne Blvd, Portland, Ore	
Pa	Eastern Associates	620 Homestead Rd, Jenkintown, Pa	TU4-7200
RI	George Gregory	99 Elm St, W., Newton, Mass	BI4-4832
SC	Murphy & Cota	1106 Burke St, Winston-Salem, NC	PA4-0750
Tenn	Murphy & Cota	1106 Burke St, Winston-Salem, NC	PA4-0750
Tex	Industrial Associated Electronics	5017 E. Lancaster Ave, Ft. Worth, Tex	JE1-1132
Tex	Industrial Associated Electronics	Int'l Airport, El Paso, Tex	PR2-2441
Utah	McLeod & Raymond	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
Vt	George Gregory	99 Elm St, W., Newton, Mass	BI4-4832
Va	Brodberg Associates	721 Investment Bldg, Washington, DC	DE2-8000
Wash	Hawthorne Electronics	Admin Bldg, Boeing Field, Seattle, Wash	PA5-1406
W. Va	Brodberg Associates	721 Investment Bldg, Washington, DC	DE2-8060
Wisc	Loren F Green & Associates	5218 W. Diversey Ave, Chicago, Ill	PA5-6824
Wyo	McLeod & Raymond	5403 E. Evans Ave, Denver 22, Colo	SK6-1589
Foreign	Sales Offices/Representatives in all principal countries		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TELEX INC	**Telex Park, St. Paul 1, Minn**	**MI6-7211**
	R Bowlew #45 *300 F 120-345-585-670-805-895-915-1130-1290-1340-1460-1675-1735-1810-1855		
Ala	George O Jesse & Associates	1108 Fern Ave, Birmingham, Ala	TR9-6015
Alaska	Ron Merritt Co	1320 Prospect St, Seattle 9, Wash	MU2-7337
Ariz	E V Roberts & Associates	909 N. 1st St, Phoenix, Ariz	AL2-8904
Ark	Texport	2147 Farrington Blvd, Dallas, Tex	RI7-6886
Ark	Texport	12910 Tosca Ln, Houston, Tex	HO5-0734
Cal	E V Roberts & Associates	5068 W. Washington Blvd, L A 16, Cal	WE8-2541
Cal	E V Roberts & Associates	1560 Laurel St, San Carlos, Cal	LY3-7878
Cal	E V Roberts & Associates	4175 30th St, San Diego 4, Cal	AT3-2149
Colo	McLeod & Raymond Co	5403 E. Evans, Denver 22, Colo	SK6-1589
Conn	Michael Scott	336 Washington St, Wellesley Hills, Mass	
Del	M Scott	336 Washington St, Wellesley Hills, Mass	
DC	Martin Friedman	1805 Hillenwood Rd, Baltimore, Md	ID5-5872
Fla	Frank Nickerson Co	P.O. Box 39-2, Little River Sta, Miami	PL1-4892
Fla	Frank Nickerson Co	P.O. Box 7613, Orlando, Fla	MI4-4413
Ga	Frank Nickerson Co	636 Wedlock Rd, Decatur, Ga	ME6-2752
Hawaii	Dougherty Enterprises	145 Kaimi St, Kailua, Hawaii Cable: Dough Honolulu	
Idaho	Ron Merritt	1320 Prospect St, Seattle 9, Wash	MU2-7337
Idaho	McLeod & Raymond	5403 E. Evans, Denver 22, Colo	SK6-1589
Ill	Loren F Green & Associates	5218 W. Diversey Ave, Chicago 39, Ill	PA5-6824
Ind	Loren F Green	5218 W. Diversey, Chicago, Ill	PA5-6824
Kan	H A Roes Co	415 S. Main, Wichita, Kan	AM2-1454
Ky	Loren F Green	5218 W. Diversey, Chicago, Ill	PA5-6824
La	Texport Co	505 N. Jefferson Pkwy, New Orleans	HU2-9564
Me	Michael Scott	336 Washington, Wellesley Hills, Mass	
Md	Martin Friedman & Associates	1805 Hillenwood Rd, Baltimore 14, Md	ID5-5872
Mass	Michael Scott Co., Inc	336 Washington St, Wellesley Hills	CE5-0182
Mich	Jack Rathbury	2510 Townsend Ave, Detroit 14, Mich	WA5-6850
Minn	Anderson & Associates	3825 York Ave, N., Minneapolis 22, Minn	JU8-2521
Miss	Texport	2147 Farrington Blvd, Dallas, Tex	RI7-6886
Miss	Texport	12910 Tosca Ln, Houston, Tex	HO5-0734
Mo	H A Roes Co	2611 Cherry St, Kansas City 8, Mo	BA1-0856
Mo	Russ D Sebright Co	7120 W. Florissant Ave, St. Louis 20, Mo	CO1-0055
Mont	Ron Merritt	1320 Prospect St, Seattle 9, Wash	MU2-7337
Mont	McLeod & Raymond	5403 E. Evans, Denver 22, Colo	SK6-1589
Neb	Roes	2611 Cherry St, Kansas City, Mo	BA1-0856
NH	Michael Scott	336 Washington St, Wellesley Hills, Mass	
NJ	D R Bittan	104 S. Central Ave, Valley Stream, NY	
NJ	M Friedman	7 Heather Rd, Bala Cynwyd, Pa	TR7-3450
NM	E V Roberts & Associates	5420 Tulane Dr, S.E., Albuquerque, NM	AL5-7304
NY	D R Bittan Co	104 S. Central Ave, Valley Stream	LO1-2444
NY	I A Holze Co., Inc	112 Dewitt St, Syracuse 3, NY	GR9-6641
NY	R W Mitscher Co., Inc	487 Ellicott Square Bldg, Buffalo 3, NY	WA2517
NY	Cooper-Simon & Co, Inc	400 E. 79th St, NY 21	LE5-2900
NC	Frank Nickerson Co	2804 Orton St, Charlotte 8, NC	ED9-3673
Ohio	L F Schwartz	704 W. 1st St, Dayton 2	BA4-9192
Ohio	Scott & Steffen Inc	3636 Euclid Ave, Cleveland 15, Ohio	TO1-2626
Ohio	Scott & Steffen Inc	91 E. State St, Columbus 15, Ohio	CA8-2313
Ohio	Scott & Steffen Inc	102 W. 3rd St, Dayton 2, Ohio	BA3-2652
Okla	Texport	2147 Farrington Blvd, Dallas, Tex	RI7-6886
Okla	Texport	12910 Tosca Ln, Houston, Tex	HO5-0734
Ore	R Merritt Co	16250 SW Ludwig, Beaverton	MA4-4579
Pa	Martin Friedman & Associates	7 Heather Rd, Bala-Cynwyd, Pa	TR7-3450
Pa	Scott & Steffen Inc	507 Liberty Ave, Pittsburgh, Pa	GR1-5233
RI	Michael Scott	336 Washington St, Wellesley Hills, Mass	
SD	McLeod & Raymond	5403 E. Evans, Denver 22, Colo	SK6-1589
Tenn	George O Jesse & Associates	1011 W. Sharpe Ave, Nashville, Tenn	CA8-0785
Tex	Texport Co	2147 Farrington Blvd, Dallas 7, Tex	RI7-6886
Tex	Texport Co	12910 Tosca Ln, Houston 24, Tex	HO5-0734
Utah	McLeod & Raymond	5403 E. Evans, Denver 22, Colo	SK6-1589
Vt	Michael Scott	336 Washington St, Wellesley Hills, Mass	
Va	Martin Friedman	7 Heather Rd, Bala Cynwyd, Pa	TR7-3450
Wash	R Merritt Co	W. 1218 10th Ave, Spokane	FA5-2557
Wash	Ron Merritt Co	1320 Prospect St, Seattle 9, Wash	MU2-7337
Wisc	Loren F Green	5218 W. Diversey, Chicago, Ill	PA5-6824
Wyo	McLeod & Raymond	5403 E. Evans, Denver 22, Colo	SK6-1589
Canada	Atlas Radio Corp Ltd	50 Wingold Ave, Toronto 19, Ont, Can	RU1-6174
Canada	Atlas Radio Corp Ltd	3333 Cavendish Blvd, Montreal, P.Q, Can	HU9-8495
Canada	Atlas Radio Corp Ltd	106-525 Seymour St, Vancouver 2, B.C, Can	MU3-5848

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TEL INSTRUMENT ELECTRONICS CORP	**728 Garden St, Carlstadt, NJ**	**WE3-1600**
	E Brinkerhoff #8 *55 D 365-895-1135-1455		
Ala	Stanley K Wallace Assoc	2705 Cataline Dr, Orlando, Fla	WE9-3241
Alaska	Ray Johnston Co	1011 E. 69th St, Seattle 15, Wash	LA4-5170
Ariz	O'Halloran Associates	11636 Ventura Blvd, N Hollywood, Cal	TR7-0173
Cal	O'Halloran Associates	11636 Ventura Blvd. N Hollywood	TR7-0173
Colo	Cox Sales Co	Box 4201, S. Denver Sta, Denver, Colo	PE3-6772
Conn	Instrument Dynamics Inc	11 Albion St, Wakefield, Mass	CR6-5100
Del	G W Meier Co	P.O. Box 240, Haddonfield, NJ	HA8-2440
DC	G W Meier Co	P.O. Box 240, Haddonfield, NJ	HA8-2440
Fla	Stanley K Wallace Assoc	2705 Cataline Dr, Orlando, Fla	WE9-3241
Ga	Stanley K Wallace Assoc	2705 Cataline Dr, Orlando, Fla	WE9-3241
Hawaii	Ad Auriema Inc	85 Broad St, New York 4, NY	BO9-7750
Idaho	Cox Sales Co	Box 4201, S. Denver Sta, Denver, Colo	PE3-6772
Ill	K W Meyers Co	6713 N. Oliphant Ave, Chicago, Ill	SP4-6440
Ind	K W Meyers Co	6713 N. Oliphant Ave, Chicago, Ill	SP4-6440
Iowa	K W Meyers Co	6713 N. Oliphant Ave, Chicago, Ill	SP4-6440
Kan	Wilbur E Goll	10511 W. 56th Terr, Shawnee, Kan	RA2-2528
Me	Instrument Dynamics Inc	11 Albion St, Wakefield, Mass	CR6-5100
Md	G W Meier Co	P.O. Box 240, Haddonfield, NJ	HA8-2440
Mass	Instrument Dynamics Inc	11 Albion St, Wakefield, Mass	CR6-5100
Mich	Custom Engineering Co	2975 Far Hills Ave, Dayton, Ohio	AX8-5246
Miss	Stanley K Wallace Assoc	2705 Cataline Dr, Orlando, Fla	WE9-3241
Mo	Wilbur E Goll	10511 W. 56th Terr, Shawnee, Kan	RA2-2528
Mont	Cox Sales Co	Box 4201, S. Denver Sta, Denver, Colo	PE3-6772
Neb	Wilbur E Goll	10511 W. 56th Terr, Shawnee, Kan	RA2-2528
Nev	O'Halloran Associates	11636 Ventura Blvd, N Hollywood, Cal	TR7-0173
NH	Instrument Dynamics Inc	11 Albion St, Wakefield, Mass	CR6-5100
NJ	Lanofear Enterprises	165 Franklin Ave, Nutley 10, NJ	NO7-2900
NM	Cox Sales Co	Box 4201, S. Denver Sta, Denver, Colo	PE3-6772
NY	E R P Assoc	P.O Box 23, Fayetteville, NY	CH6630
NC	Stanley K Wallace	2705 Cataline Dr, Orlando, Fla	WE9-3241
Ohio	Custom Engineering Co	2975 Far Hills Ave, Dayton 19, Ohio	AX8-5246
Okla	Allied Components Inc	2517 Converse St, Dallas, Tex	RI2-2830
Ore	Ray Johnston Co	1011 E. 69th St, Seattle 15, Wash	LA4-5170
Pa	G W Meier Co	P.O. Box 240, Haddonfield, NJ	HA8-2440
RI	Instrument Dynamics Inc	11 Albion St, Wakefield, Mass	CR6-5100
SC	Stanley K Wallace Assoc	2705 Cataline Dr, Orlando, Fla	WE9-3241
Tenn	Stanley K Wallace Assoc	2705 Cataline Dr, Orlando, Fla	WE9-3241
Tex	Allied Components Inc	2517 Converse St, Dallas, Tex	RI2-2830
Utah	Cox Sales Co	Box 4201, S. Denver Sta, Denver, Colo	PE3-6772
Vt	Instrument Dynamics Inc	11 Albion St, Wakefield, Mass	CR6-5100
Va	G W Meier Co	P.O. Box 240, Haddonfield, NJ	HA8-2440
Wash	Ray Johnston Co	1011 E. 69th St, Seattle 15, Wash	LA4-5170
Wisc	K W Meyers Co	6173 N. Oliphant Ave, Chicago, Ill	SP4-6440
Wyo	Cox Sales Co	Box 4201, S. Denver Sta, Denver, Colo	PE3-6772
Foreign	Ad Auriema Inc	85 Broad St, New York 4, NY	BO9-7750

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TEL-LABS INC	**1050 Second St, Manchester, NH**	**NA3-5711**
	#1 *50 C 1475		
Cal	Irving Bellard Co., Inc	407 Sansome St, San Francisco, Cal	SU1-1781
Ill	G R Carrier Co., Inc	10340 S Western Ave, Chicago	HI5-6300
Ind	Robert O Whitesell & Associates	6620 E. Washington St, Indianapolis, Ind	FL9-5374
Mass	Hathaway Electronics Inc	238 Main St, Cambridge, Mass	KI7-0000
NY	Fey Carrollton Inc	105 Hillside Ave, Williston Park, NY	PI2-1616

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
•	**TELONIC ENGINEERING CORP**	**733 Broadway, Laguna Beach, Cal**	**HY4-7581**
	J Ford #8 *30 C 50-670-895-1135		
Cal	T Louis Snitzer Co	5354 W. Pico Blvd, Los Angeles, Cal	WE8-2073
Cal	T Louis Snitzer Co	510 S. Mathilda, Sunnyvale, Cal	RE6-6733
Cal	T Louis Snitzer Co	7814 Ivanhoe, LaJolla, Cal	GL4-2191
Conn	Instrument Dynamics Inc	75 Wilcox St, Milford, Conn	TR4-7764
Fla	Gentry Associates, Inc	1851 Oak Ln, Orlando	GA4-0730
Ill	Ridgway Associates Inc	6100 W. North Ave, Chicago 39, Ill	TU9-5715
Ind	Ridgway Associates Inc	1224 N. Capitol, Indianapolis, Ind	ME5-2401
Md	C E Snow Co	8218 Wisconsin Ave, Bethesda, Md	OL4-1767
Mass	Instrument Dynamics Inc	11 Albion St, Wakefield, Mass	CR6-5100
Mich	Electro Sales Associates	35900 Gratiot Rd, Mt. Clemens, Mich	HO8-5900
NY	H L Hoffman Co	35 Old Country Rd, Westbury, NY	ED4-5600
NY	Sylvan Ginsbury Ltd	8 W. 40th St, New York, NY	LO4-7565
NY	Tesco Associates	114 Miles Ave, Syracuse, NY	HO3-4533
NC	M J McDonald Co	Rt 1, Pfafftown	WA4-2182
Ohio	Electro Sales Associates	221 E. 216th St, Euclid 23, Ohio	RE2-7444
Ohio	Electro Sales Associates	Day Bel Box 143, Dayton 20, Ohio	CH4-5551
Ore	Hawthorne Electronics	700 S.W. Hawthorne, Portland, Ore	
Pa	C E Snow Co	913 E. Phil-ellena, Philadelphia, Pa	LI8-8043
Wash	Hawthorne Electronics	112 Adm Bldg, Boeing Fld, Seattle,	PA5-1460
Canada	Whittaker Electronics Ltd	2137 Niagara Dr, Ottawa, Ontario, Canada	CE4-4686

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
•	**TELONIC INDUSTRIES INC**	**60 N. 1st Ave, Beech Grove, Ind**	**ST7-7241**
	L Abbott #5 *54 50-670-895-1135		
Ala	Gentry Assoc	1851 Oak Ln. Orlando, Fla	GA4-0730
Alas	Hawthorne Electronics	112 Adm. Bldg, Boeing Fld. Seattle, Wash	PA5-1460
Ariz	T Louis Snitzer Co	5354 W. Pico Blvd, Los Angeles, Cal	WE8-2073
Cal	T Louis Snitzer Co	5354 W. Pico Blvd, Los Angeles, Cal	WE8-2073
Cal	T Louis Snitzer Co	510 S. Mathilda, Sunnyvale, Cal	RE6-6733
Cal	T Louis Snitzer Co	7814 Ivanhoe, La Jolla, Cal	GL4-2191
Conn	Addelco Corp	1826 Centre St. W. Roxbury 32, Mass	FA3-7940
Del	C E Snow Co	613 Cheltenham Ave, Phila, Pa	CA4-2627
DC	C E Snow Co	8218 Wisconsin Ave, Bethesda, Md	OL4-1767
Fla	Gentry Assoc	1851 Oak Ln. Orlando	GA4-0730
Ga	Gentry Assoc	1851 Oak Ln. Orlando, Fla	GA4-0730
Ill	Ridgway Associates Inc	6100 W. North Ave, Chicago, Ill	TU9-5715
Ind	Ridgway Associates Inc	1224 N. Capitol Ave, Indianapolis, Ind	ME5-2401
Iowa	Ridgway Associates Inc	6100 W. North Ave, Chicago, Ill	TU9-5715
Ky	Ridgway Associates Inc	1224 N. Capitol Ave, Indianapolis, Ind	ME5-2401
Me	Addelco Corp	1826 Centre St. W. Roxbury 32, Mass	FA3-7940
Md	C E Snow Co	8218 Wisconsin Ave, Bethesda, Md	OL4-1767
Mass	Addelco Corp	1826 Centre St. W. Roxbury 32	FA3-7940
Mich	Electro Sales Assoc	15324 Mack Ave. Detroit	TU6-2280
Miss	Gentry Assoc	1851 Oak Ln. Orlando, Fla	GA4-0730
NH	Addelco Corp	1826 Centre St. W. Roxbury 32, Mass	FA3-7940
NJ	C E Snow Co	613 Cheltenham Rd. Phila, Pa	CA4-2626
NJ	H L Hoffman Co	35 Old Country Rd, Westbury, NY	ED4-5600

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NY	H L Hoffman Co	35 Old Country Rd, Westbury, NY	ED4-5600
NY	Tesco Associates	114 Miles Ave, Syracuse 10, NY	HO3-4533
NC	M J McDonald Co	Whippoorwill Dr, Pfafftown	WA4-2182
Ohio	Electro Sales Associates	221 E. 216th St, Euclid, Ohio	RE2-7444
Ohio	Electro Sales Associates	Day Bel Box 143, Dayton, Ohio	CH4-5551
Ore	Hawthorne Electronics	700 S. E. Hawthorne, Portland, Ore	BE4-9375
Pa	C E Snow Co	613 Cheltenham Ave, Phila	CA4-2626
Pa	Electro Sales Associates	221 E. 216th St, Euclid, Ohio	RE2-7444
RI	Addelco Corp	1826 Centre St. W. Roxbury 32, Mass	FA3-7940
SC	M J McDonald Co	Whippoorwill Dr, Pfafftown, NC	WA4-2182
Tenn	M J McDonald Co	Whippoorwill Dr, Pfafftown, NC	WA4-2182
Tex	Tex. Avionics Co	4115 Prentice St, Dallas 6	EM8-3566
Vt	Addelco Corp	1826 Centre St. W. Roxbury 32, Mass	FA3-7940
Va	C E Snow Co	8218 Wisconsin Ave, Bethesda, Md	OL4-1767
Wash	Hawthorne Electronics	112 Adm Bldg, Boeing Field, Seattle	PA5-1460
Wisc	Ridgway Associates Inc	6100 W. North Ave, Chicago, Ill	TU9-5715
Can	Whittaker Electronics Ltd	2 Neapolitan Dr, Scarboro, Ont	AX3-3161
Canada	Whittaker Electronics Ltd	2137 Niagara Dr, Ottawa, Ontario, Can	CE4-4686
Foreign	Sylvan Ginsbury Ltd	8 W. 40th St, New York, NY	LO4-7565

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TELREX LABS	**Asbury Park, NJ**	**PR5-7252**
	#3 *20 C 45		
Fla	Ray Farwell	370 N. E. 147 Terr, N. Miami	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TELTRONICS, INC	**277 Main St, Nashua, NH**	**TU2-6264**
	R Goodwin #3 *5 A 365-895-1340		
Cal	Hafstrom-Thompson Assoc	7400 Girard Ave, LaJolla	GL4-2185
Mass	Saunders & Co	8 Prospect St, Waltham	TW4-6071
NJ	Jud Williams Assoc	50 Main St, Orange	OR5-7199
NY	Saunders & Co of Upstate NY	P.O. Box 362, N Syracuse	GL4-4730

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TELVISION LABS INC	**333 Mill St, Wauconda, Ill**	**JA6-2511**
	E Classen #6 *100 E 1995		
Cal	Bert Barron Co	15160 Ventura Blvd, Sherman Oaks, Cal	ST4-7800

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TEMCO ELECTRONICS DIV. TEMCO ELECTRONICS & MISSILES CO.	**Box 6191, Dallas 22, Tex**	**BR6-7111**
	T Dunnegan Jr #838 *1293 E 45-365-895-915-1135-1810		
Ala	J P Stoddard	3322 Memorial Pkwy. S, Huntsville	JE9-4592
DC	Temco Electronics & Missiles	1625 Eye St. NW, Washington	ME8-3115
Ohio	John J Andrews	525 3rd National Bldg. Dayton	BA4-6051

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TEMPEL STEEL CO	**1939 Bryn Mawr Ave, Chicago 26, Ill**	**AR1-4100**
	F Slaughter #6 *350 G 980		
Cal	Tempel Steel Co	2501 S. Garfield Ave. LA 22	OV5-8544

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TEMPERATURE ENGINEERING CORP	**1 Tempcor Blvd. Riverton, NJ**	**829-3800**
	N Burstein #5 *100 E 250-370-735-895-1075-1215		
Ala	C Knowlton Assoc	2662 NE 7th St. Pompano Beach, Fla	WH1-3142
Ariz	Chafin & Assoc	1541 W. Olympic Blvd. LA, Cal	DU5-3955
Cal	Chafin & Assoc	1541 W. Olympic Blvd. LA	DU5-3955
Conn	Thermo-Tech Sales	153 Sherman Rd, Chestnut Hill, Mass	HO9-0351
Fla	C Knowlton Assoc	2662 NE. 7th St. Pompano Beach	WH1-3142
Ga	C Knowlton Assoc	2662 NE 7th St. Pompano Beach, Fla	WH1-3142
Ill	Jelinek Co., The	906 Ellynwood Dr, Glen Ellyn	CE6-3069
Ind	Jelinek Co., The	906 Ellynwood Dr, Glen Ellyn, Ill	CE6-3069
Iowa	Jelinek Co., The	906 Ellynwood Dr, Glen Ellyn, Ill	CE6-3069
Me	Thermo-Tech Sales	153 Sherman Rd. Chestnut Hill	HO9-0351
Mass	Thermo-Tech Sales	153 Sherman Rd. Chestnut Hill	HO9-0351
NH	Thermo-Tech Sales	153 Sherman Rd. Chestnut Hill, Mass	HO9-0351
NJ	White Co., The	6 Forsythia Dr. S. Levittown, Pa	WI9-3931
NY	J G Pappas Co. Inc	60 E. 42nd St. NY 17	MU7-7344
NY	J Lazor Assoc. Inc	280 E. Highland Dr. Rochester	LU6-6619
Ohio	S E Wallar	3521 Harvard Blvd. Dayton 6	CR5-4151
Ore	Chafin & Assoc	1541 W. Olympic Blvd. LA, Cal	DU5-3955
Pa	S E Wallar	3521 Harvard Blvd. Dayton 6, Ohio	CR5-4151
RI	Thermo-Tech Sales	153 Sherman Rd. Chestnut Hill, Mass	HO9-0351
Vt	Thermo-Tech Sales	153 Sherman Rd. Chestnut Hill, Mass	HO9-0351
Wash	Chafin & Assoc	1541 W. Olympic Blvd. LA, Cal	DU5-3955
W Va	S E Wallar	3521 Harvard Blvd. Dayton 6, Ohio	CR5-4151
Wis	Jelinek Co., The	906 Ellynwood Dr. Glen Ellyn, Ill	CE6-3069

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TEMPIL CORP	**132 W 22 St, New York 11**	**OR5-6610**
	D Kosanel #5 *25 315-895-1240		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TEMPLET INDUSTRIES	**701 Atkins Ave, Brooklyn, NY**	**BR2-7300**
	H Twerpo #4 *85 E 260-280-1120-1125		
For	Stanfield Inc	Toronto, Can	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
•	**TEMPO INSTRUMENT INC**	**Commercial St, Hicksville, NY**	**OV1-2280**
	J Van Putten #15 *130 E 330-338-895-1460-1810		
Ala	Specialized Electronics Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
Cal	Western Aircraft Supply Co	8115 Airway Dr, Los Angeles 45, Cal	OR5-1931
Cal	Western Aircraft Supply Co	957 Addison St, Palo Alto, Cal	DA2-1684
Fla	Specialized Electronics Corp	711 Magnolia Ave, Orlando, Fla	GA4-0433
Iowa	Murphy Assoc	1940 Hennepin Ave. Mpls 5, Minn	FR4-2350
Md	Stemler Associates Co	511 N. Charles St, Baltimore 1, Md	PL2-3211
Mass	K C Stevens & Co	235 Bedford St, Lexington 73, Mass	VO2-1012
Minn	Murphy Assoc	1940 Hennepin Ave. Mpls 5	FR4-2350
Neb	Murphy Assoc	1940 Hennepin Ave. Mpls 5, Minn	FR4-2350
NY	I A Holze Co	112 Dewitt St, Syracuse, NY	GR9-6641
ND	Murphy Assoc	1940 Hennepin Ave. Mpls 5, Minn	FR4-2350
Ohio	Clare Electronics	24431 Oakhill Dr, Cleveland 17, Ohio	IV1-5364
Okla	H F Corry Co	6315 Hillcrest Ave. Dallas 5, Tex	LA8-9172
SD	Murphy Assoc	1940 Hennepin Ave. Mpls 5, Minn	FR4-2350
Tex	H F Corry Co	6315 Hillcrest Ave. Dallas 5	LA8-9172
Wash	Western Aircraft Supply Co	6518 4th Ave, N.E. Seattle 15, Wash	LA3-5962
Canada	Electrodesign	736 Notre Dame St, W., Montreal, Canada	UN6-7367

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	TENATRONICS LTD	1011 Power Ave, Cleveland 14, Ohio	SU1-7136
	J Fine #3 *50 D 45-320-1475		
Cal	Featherstone & Salisbury Co	1355 Market St, San Francisco 3, Cal	KL2-2311
Colo	A J Nelson Co	710 E. Louisiana St, Denver 10, Colo	PE3-5528
Fla	Cartwright & Bean	4525 S. Lois Ave, Tampa, Fla	62-0111
Ga	Cartwright & Bean	3223 Cain's Hill Pl, N.W., Atlanta 5, Ga	CE7-2273
Ill	Gettleman & Litteken Co	5209 N. Kimball Ave, Chicago 25	
La	Cartwright & Bean	821 Pontalba St, New Orleans, La	AU2264
Minn	Clark Gill	2400 Hennepin Ave, Minneapolis 5, Minn	FR7-1200
Mo	W E Fry & Co., Inc	406 W. 34th St, Kansas City 11, Mo	JE1-5236
NJ	S W Simberkoff	68 Hudson St, Hoboken, NJ	OL6-5211
NY	Irv Brown Co	1500 Carroll St, Brooklyn 13, NY	HY3-1379
NC	Cartwright & Bean	625 Henry Dr, Charlotte, NC	FR6-8648
Ohio	C L Pugh	Box 5827, Columbus 21, Ohio	HE8-4855
Tenn	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR5-1914
Tex	Berthold Sales Co	4411 Maple Ave, Dallas, Tex	LA6-8329
	TEN BOSCH INC., M	80 Wheeler Ave, Pleasantville, NY	
	275-470-775-895-1340-1850		
	TENCO ELECTRONICS, INC	108 Cummington St, Boston 15, Mass	KE6-4780
	A Baker #3 *27 B 275-320-475-670-895-915-1150-1390-1420-1455		
Fla	Steele Technical Sales	2106 Woodcrest Dr, Winter Park	MI7-1304
NY	Gerard Assoc	25 Lafayette St, Brooklyn 1	TR5-0970
	TENLO RESEARCH CORP	9424 Lyndale Ave, S., Minnpls 20, Minn	TU1-5891
	338-895		
Iowa	Engineering Products Associates	1821 University Ave, St. Paul 4, Minn	MI6-3443
Minn	Engineering Products Associates	1821 University Ave, St. Paul 4, Minn	MI6-3443
Wisc	Engineering Products Associates	1821 University Ave, St. Paul 4, Minn	MI6-3443
	TENNALAB	Quincy, Ill	BA2-0237
	#1 *3 A 45		
	TENNEY ENGINEERING INC	1090 Springfield Rd, Union, NJ	MU6-7870
	F Gardner #40 *350 F 250-535-825-895-1165-1340-1555		
Ala	Specialized Electronics	529 N. 18th St, Birmingham, Ala	FA4-1615
Alaska	The Thorson Co	1767 15 Ave, S., Seattle, Wash	EA5-5000
Ariz	Thorson Co, The	444 Olive St, San Diego, Cal	CY8-8385
Ark	Wallace Assoc	2679 Freewood Dr, Dallas, Tex	FL7-7080
Cal	The Thorson Co	7361 Melrose Ave, Los Angeles 46, Cal	WE4-1191
Cal	The Thorson Co	2443 Ash St, Palo Alto, Cal	DA1-2414
Cal	The Thorson Co	444 Olive St, San Diego, Cal	CY8-8385
Colo	Alta Engineering	2950 S. Fox St, Englewood, Colo	SU9-1861
Conn	Measurement Eqpt. Co. Inc	244 Main St. N. Reading, Mass	944-2300
Fla	Specialized Electronics	711 Magnolia Ave, Orlando, Fla	GA4-0433
Ga	Specialized Electronics	P.O. Box 871, Aiken, SC	MI9-7100
Idah	Alta Eng. Co	209 E. 9th St. S. Salt Lake City, Utah	EM4-5587
Ill	H Marsland & Co	6449 Lincoln Ave. Chicago	OR6-1102
Ind	H Marsland & Co	6730 E. 19th St, Indpls	FL6-4249
Iowa	H Marsland & Co	6449 Lincoln Ave. Chicago, Ill	OR6-4249
Kan	Leeman Assoc	4211 N. 86th St. KC, Mo	NI2-3313
La	Wallace Assoc	2679 Freewood Dr. Dallas, Tex	FL7-7080
Me	Measurement Eqpt. Co. Inc	244 Main St. N. Reading, Mass	944-2300
Mass	Measurement Eqpt. Co. Inc	244 Main St. N. Reading	944-2300
Mich	Tower Eng. Co	19364 Jas. Couzens Hwy. Detroit	DI1-2332
Minn	H Marsland & Co	231 N. Edgewood Ave. Mpls	LI5-4481
Miss	Specialized Electronics Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
Mo	Leeman Associates	2001 Big Bend Blvd, St. Louis, Mo	MI7-1470
Mo	Leeman Associates	4211 N. 86 St, Kansas City, Mo	NI2-3313
Nev	The Thorson Co	7361 Melrose Ave, Los Angeles, Cal	WE4-1191
NH	Measurement Eqpt. Co. Inc	244 Main St. N. Reading, Mass	944-2300
NM	Alta Engineering Co	2950 S. Fox St, Englewood, Colo	SU9-1861
NY	M P Andrews Inc	319 Main St, Fayetteville	NE7-5471
NC	Specialized Electronics	P.O. Box 871, Aiken, SC	MI9-7100
Ohio	Tower Eng. Co	2458 Linden Ave. Dayton	CL6-9931
Ohio	Kang Instrument Co	1452 Buckingham Rd, Cleve	TU4-3450
Okla	Wallace Assoc	2679 Freewood Dr, Dallas, Tex	FL7-7080
Ore	The Thorson Co	1767 15th Ave, S., Seattle 44, Wash	EA5-5000
RI	Measurement Eqpt. Co. Inc	244 Main St. N. Reading, Mass	944-2300
SC	Specialized Electronics Corp	P.O. Box 871, Aiken, SC	MI9-7100
Tenn	Specialized Electronics Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
Tex	Wallace Assoc	2679 Freewood Dr. Dallas	FL7-7080
Utah	Alta Eng. Co	209 E. 9th St. S. Salt Lake City	EM4-5587
Vt	Measurement Eqpt. Co. Inc	244 Main St. N. Reading, Mass	944-2300
Wash	The Thorson Co	1767 15 Ave, S., Seattle 44, Wash	EA5-5000
Wis	H Marsland & Co	6449 Lincoln Ave. Chicago, Ill	OR6-1102
Wy	Alta Engineering Co	2950 S. Fox St, Englewood, Colo	SU9-1861
Foreign	M Brooner	319 E. 50th St, New York, NY	EL5-6929
	TENSITRON INC	Harvard, Mass	GL6-3511
	E Saul A 895		
Ill	Karl A Kopetzky & Assoc	4900 N. Lincoln Ave. Chicago	LO1-1081
NC	Associated Agents Inc	3408 Rockingham Rd. Greensboro	CY9-3363
	• **TENSOLITE INSULATED WIRE CO., INC**	W. Main St, Tarrytown, NY	ME1-2300
	R Rehling #10 *250 F 185-190-795-1960		
Ala	Tensolite Insulated Wire Co., Inc	1516 N Gardner St. LA 46, Cal	HO5-6050
Ark	Blackburn Assoc	Box 13073, Dallas 20, Tex	FL1-0230
Cal	Tensolite Insulated Wire Co., Inc	1516 N Gardner St, Los Angeles 46	HO5-6050
Colo	C F L Corp	1871 S. Broadway, Denver 10, Colo	SP7-4381
Conn	Hathaway Electronics Inc G M	P.O. Box 797, Canaan, Conn	TA4-7215
Del	Massey Associates	529 Brookhurst Ave, Narberth, Pa	GR7-5010
DC	Massey Associates	111 Center Way, Greenbelt, Md	GR4-2071
Fla	Massey Assoc	1224 E Colonial Dr, Orlando	GA3-0551
Haw	Farwest Agencies	209 1st Ave S, Seattle 4, Wash	MA4-5656
Haw	Dougherty Enterprises	149 Kaimi St. Kailua, Hawaii	
Idaho	C F L Corp	1871 S. Broadway, Denver 10, Colo	SP7-4381
Ill	Engineering Services	4550 Main St, Kansas City, Mo	JE1-7765
Ill	Golten Co Jerry	2750 W.N. Ave, Chicago, Ill	EV4-5959
Ind	Golten Co Jerry	2750 W.N. Ave, Chicago, Ill	EV4-5959
Ind	Sheridan Associates Inc	Roselawn Center Bldg, Cincinnati, Ohio	ME1-2460
Iowa	Engineering Services	1305 Oakland Gardens, Cedar Rapids	EM5-6183
Kan	Engineering Services	8325 E. Indianapolis, Wichita, Kan	MU3-3751
Me	Hathaway Electronics Inc G M	238 Main St, Cambridge, Mass	KI7-0380
Md	Massey Associates	111 Center Way, Greenbelt, Md	GR4-2071
Mass	Hathaway Electronics Inc G M	238 Main St, Cambridge, Mass	KI7-0380
Mich	Golten Co Jerry	2750 W.N. Ave, Chicago, Ill	EV4-5959
Mich	Sheridan Associates Inc	6333 York Rd, Cleveland, Ohio	TU4-8060
Minn	Anderson & Assoc	3025 York Ave N, Mpls 22	JU8-2523
Mo	Engineering Services	4550 Main St, Kansas City, Mo	JE1-7765
Mont	Farwest Agencies	209 1st Ave S, Seattle 4, Wash	MA4-5656
Neb	C F L Corp	1871 S. Broadway, Denver 10, Colo	SP7-4381
Neb	Engineering Services	1305 Oakland Gardens, Cedar Rapids, Iowa	EM5-6183
Nev	Tensolite Insulated Wire Co., Inc	1516 N Gardner St, Los Angeles, Cal	HO5-6050
NH	Hathaway Electronics Inc G M	238 Main St, Cambridge, Mass	KI7-0380
NJ	Reed & Riddett Co	190 Rivervale Rd, Rivervale, NJ	NO4-6250
NJ	Massey Associates	529 Brookhurst Ave, Narberth, Pa	GR7-5010
NM	C F L Corp	1871 S. Broadway, Denver 10, Colo	SP7-4381
NY	Reed & Riddett Co	1106 Jericho Tmpk, New Hyde Park, NY	FL4-6719
ND	Anderson & Assoc	3025 York Ave. N, Mpls, Minn	JU8-2523
Ohio	Sheridan Associates	Roselawn Center Bldg, Cincinnati, Ohio	ME1-2460
Okla	Blackburn Assoc	Box 13073, Dallas 20, Tex	FL1-0230
Ore	Farwest Agencies	209 1st Ave. S, Seattle 4, Wash	MA4-5656
Pa	Massey Associates	529 Brookhurst Ave, Narberth, Pa	GR7-5010
Pa	Sheridan Associates	6333 York Rd, Cleveland 30, Ohio	TU4-8060
RI	Hathaway Electronics Inc., GM	P.O. Box 797, Canaan, Conn	TA4-7215
SD	Anderson & Assoc	3025 York Ave N, Mpls 22, Minn	JU8-2523
Tex	Blackburn Assoc	Box 13073, Dallas 20	FL1-0230
Tex	C F L Corp	1871 S. Broadway, Denver 10, Colo	SP7-4381
Utah	C F L Corp	1871 S. Broadway, Denver 10, Colo	SP7-4381
Vt	Hawthaway Electronics G M	238 Main St, Cambridge, Mass	KI7-0380
Va	Massey Associates	111 Center Way, Greenbelt, Md	GR4-2071
Wash	Farwest Agencies	209 1st Ave S, Seattle 4	MA4-5656
W.Va	Sheridan Associates, Inc	Roselawn Center Bldg, Cincinnati, Ohio	ME1-2460
Wisc	E A Dickinson Associates	4117 N. Green Bay Ave, Milwaukee, Wisc	CO4-1080
Wyo	C F L Corp	1871 S. Broadway, Denver 10, Colo	SP7-4381
Foreign	Rizzo Co	Empire State Bldg, New York 1, NY	PE6-0868
	TENSOR ELECTRIC DEV. CO. INC.	1873 Eastern Pkwy. Brooklyn 33, NY	HY5-9200
	G Starr #5 *40 D 895		
Ala	Applied Science Assoc	3603 Lemmon Ave. Dallas 14, Tex	LA8-1767
Alas	W K Geist Co	3177 Glendale Blvd. LA 39, Cal	NO5-1195
Cal	Carroll Barlow	Box 643, Cupertino	AL3-5433
Colo	Calvin Habern	3603 Lemmon Ave. Dallas 14, Tex	LA8-1767
Conn	Gysan Assoc	756 Bay Rd. Hamilton, Mass	WA2-5770
Del	C F Paddock	8616 Georgia Ave. Silver Springs, Md	JU9-6554
Fla	Astro-Tec	912 Bob Wallace Ave. Huntsville, Ala	JE9-7981
La	Applied Science Assoc	3603 Lemmon Ave. Dallas, Tex	LA8-1767
Md	C F Paddock	8616 Georgia Ave. Silver Spring	JU9-6554
Mass	Gysan Assoc	756 Bay Rd. Hamilton	WA2-5770
NJ	Howard Boerger	Glenside Ave. Wyncote, Pa	CA4-1740
NC	Astro-Tec	912 Bob Wallace Ave. Huntsville, Ala	JE9-7981
Ohio	Jak-O	4712 W. 130th St. Cleve	CL2-0486
Ore	Paramount Technical Agencies	9210 28th St. NW, Seattle, Wash	SU4-6447
Pa	Howard Boerger	Glenside Ave. Wyncote	CA4-1740
Tex	Applied Science Assoc	3603 Lemmon Ave. Dallas	LA8-1767
Wash	Paramount Technical Agencies	9210 28th St. NW, Seattle	SU4-6447
For	Jerome Berliner EMEC	27 Grace St. Plainview, NY	WE1-3700
	TEPRO ELECTRIC CORP	5 St. Paul St, Rochester, NY	BA5-0478
	M Worne #3 *54 D 1475		
Ariz	E V Roberts & Assoc	340 N. Marshall Ave. Scottsdale	WH7-1381
Cal	E V Roberts & Assoc	5068 W. Wash. Blvd. LA	WE8-2541
Conn	F W Welling Co	10 Cherry Rd. Framingham, Mass	TR2-5612
Del	Pacent Eng. Corp	119 E. Butler Ave. Ambler, Pa	MI6-0405
Fla	Tepro of Fla. Inc	375 Patricia Ave. Dunedin	733-2147
Me	F W Welling Co	10 Cherry Rd. Framingham, Mass	TR2-5612
Md	Pacent Eng. Corp	119 E. Butler Ave. Ambler, Pa	MI6-0405
Mass	F W Welling Co	10 Cherry Rd. Framingham	TR2-5612
NH	F W Welling Co	10 Cherry Rd. Framingham, Mass	TR2-5612
NJ	Pacent Eng. Corp	300 Northern Blvd. Great Neck, NY	HU2-4678
NM	E V Roberts & Assoc	112 C Tulane Dr. SE. Albuquerque	AL5-7394
NY	R W Mitscher Co	Buffalo, NY	WA2517
NY	Pacent Eng. Corp	300 Northern Blvd. Great Neck	HU2-4678
Ohio	Allen Nace Co	Brecksville, Ohio	JA6-4323
Pa	A Nace Co	Brecksville, Ohio	JA6-4323
Vt	F W Welling Co	10 Cherry Rd. Framingham, Mass	TR2-5612
W Va	A Nace Co	Brecksville, Ohio	JA6-4323
	TERADO CO	1059 Raymond Ave, St. Paul 14, Minn	MI2-2868
	255-915-1460		
Ala	Murphy & Cota	2110 Peachtree Rd, NW., Atlanta 9, Ga	FR52317
Alaska	Burt C Porter Co	23609 74th Ave, W., Edmonds, Wash	EA3-8330
Ariz	Barstow & Doran Inc	4228 Los Nietos Dr, Los Angeles, Cal	RI9-0438
Ark	Delzell-Maynard	2013 Cedar Springs, Dallas 1, Tex	
Cal	Barstow & Doran Inc	4845 Keniston Dr, Los Angeles, Cal	RI9-0438
Cal	Sinai-Johnson Inc	845 Jessie St, San Francisco 3, Cal	
Colo	William J Peyser Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Conn	William B Pray Sales Co	44 Washington St, Wellesley Hills, Mass	WE5-3199
Del	Art Cerf & Co	744 Broad St, Newark 2, NJ	MI2-6734
DC	Art Cerf & Co	744 Broad St, Newark 2, NJ	MI2-6734
Fla	Jack Geartner	235 Lincoln Rd, Miami Beach, Fla	CY3-4152
Ga	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta 9, Ga	TR6-3020
Hawaii	Barstow & Doran Inc	4228 Los Nietos Dr, Los Angeles, Cal	RI9-0438
Idaho	William J Peyser	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Ill	Royal A Stemm	21 E. Van Buren St, Chicago 5, Ill	
Ind	Midwest Sales Co	1516 Parkwood Rd, Lakewood 7, Ohio	WI1-2700
Iowa	William Engelbretson	906 Ottawa, St. Paul 7, Minn	CA2-2338
Kan	Lee F Florence	406 W. 34th St, Kansas City 11, Mo	LO1-7282
Ky	Midwest Sales Co	1516 Parkwood Rd, Lakewood 7, Ohio	WI1-2700
La	Delzell-Maynard	2013 Cedar Springs, Dallas 1, Tex	
Me	William B Pray Sales Co	44 Washington St, Wellesley Hills, Mass	WE5-3199
Md	Art Cerf & Co	744 Broad St, Newark 2, NJ	MI2-6734
Mass	William B Pray Sales	44 Washington St, Wellesley Hills, Mass	WE5-3199
Mich	Midwest Sales Co	1516 Parkwood Rd, Lakewood 7, Ohio	WI1-2700
Minn	William Engelbretson	906 Ottawa Ave, St. Paul 7, Minn	CA2-2338
Miss	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta 9, Ga	TR6-3020
Mo	Lee F Florence	406 W. 34th St, Kansas City 11, Mo	LO1-7282
Mont	William J Peyser	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Neb	Lee F Florence	406 W. 34th St, Kansas City 11, Mo	LO1-7282
Nev	Barstow & Doran Inc	4228 Los Nietos Dr, Los Angeles 27, Cal	RI9-0438
NH	William B Pray Sales Co	44 Washington St, Wellesley Hills, Mass	WE5-3199
NJ	Art Cerf & Co	744 Broad St, Newark 2, NJ	MI2-6734
NM	William J Peyser	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
NY	Arthur Hess	62-07 68th Ave, Glendale 27, NY	HY7-7498
NY	Art Cerf & Co	744 Broad St, Newark 2, NJ	MI2-6734
NC	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta 9, Ga	TR6-3020
ND	William Engelbretson	906 Ottawa Ave, St. Paul 7, Minn	CA2-2338
Ohio	Midwest Sales Co	1516 Parkwood Rd, Lakewood 7, Ohio	WI1-2700
Okla	Delzell-Maynard	2013 Cedar Springs, Dallas 1, Tex	
Ore	Burt C Porter Co	23609 74th Ave, W., Edmonds, Wash	EA3-8330
Pa	Art Cerf & Co	744 Broad St, Newark 2, NJ	MI2-6734
RI	William B Pray Sales Co	44 Washington St, Wellesley Hills, Mass	WE5-3199
SC	Murphy & Cota	2110 Peachtree Rd, N.W. Atlanta 9, Ga	TR6-3020
SD	William Engelbretson	906 Ottawa Ave, St. Paul 7, Minn	CA2-2338
Tenn	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta 9, Ga	TR6-3020
Tex	Delzell-Maynard	2013 Cedar Springs, Dallas 1, Tex	
Utah	William Peyser	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Vt	William B Pray Sales Co	44 Washington St, Wellesley Hills, Mass	WE5-3199
Va	Art Cerf & Co	744 Broad St, Newark 2, NJ	MI2-6734
Wash	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
W. Va	Midwest Sales Co	1516 Parkwood Rd, Lakewood 7, Ohio	WI1-2700
Wisc	Royal A Stemm	21 E. Van Buren St, Chicago 5, Ill	
Wyo	William J Peyser	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Canada	Atlas Radio Corp Ltd	50 Wingold Ave, Toronto, Ontario, Canada	
Foreign	Morhan Exporting Corp	458 Broadway, New York 13, NY	
	TERADYNE INC	87 Summer St, Boston 10, Mass	HA6-6731
	A D'Arbeloff #4 *10 A 895		
	TERPENING CO., L H	16 W. 61st St, New York, NY	
	TEVCO INSULATED WIRE	108 E. Prospect Ave, Burbank, Cal	VI9-5574
	B Nelson #1 *50 E 190-1960		
Alaska	Richard Legg Co	1565 6th S. Seattle, Wash	MU2-7764
Ariz	Verne Linsley Co	2902 W Villa St. Phoenix	AL8-2266
Ark	Antle Smith Delzell Sales	2721 Brookfield, Dallas, Tex	
Cal	R L Stone Sales	8971 National Blvd. Los Angeles	UP0-5973
Colo	Vines & Co	P O Box 1025, Denver	
Conn	Hy Sherer	Box 207, Newburgh, NY	
Cal	Sinai-Johnson	845 Jessie, San Francisco	UN1-6259
Haw	Bill Cameron Sales	2436 Date St. Honolulu	997431
Idah	Richard Legg Co	1633 NW 21st Ave. Portland, Ore	CA2-1353
Ill	Loren F Green	5218 W Diversey Ave. Chicago	
Iowa	John Zimmer	5620 Woodward, Merriam, Kan	
Kan	John Zimmer	5620 Woodward, Merriam	
La	Antle Smith Delzell Sales	2721 Brookfield, Dallas, Tex	
Me	Hy Sherer	Box 207, Newburgh, NY	
Mass	Hy Sherer	Box 207, Newburgh, NY	
Minn	Forresst Carleen	3 N 15th St. Mpls	
Mo	John Zimmer	5620 Woodward, Merriam, Kan	
Mont	Richard Legg Co	1565 6th Ave, S. Seattle, Wash	MU2-7764
Neb	John Zimmer	5620 Woodward, Merriam, Kan	
NH	Hy Sherer	Box 207, Newburgh, NY	
NM	Verne Linsley Co	2902 W Villa St. Phoenix, Ariz	AL8-2266
NY	Hy Sherer	Box 207, Newburgh	
ND	Forresst Carleen	3 N 15th St. Minneapolis, Minn	
Okla	Antle Smith Delzell Sales	2721 Brookfield, Dallas, Tex	
Ore	Richard Legg Co	1633 N.W. 21st Ave, Portland, Ore	CA3-9720
Pa	A S Burke Co	Box 576, Toronto	
RI	Hy Sherer	Box 207, Newburgh, NY	
SD	Forrest Carlleen	3 N 15th St. Minneapolis, Minn	
Tex	Antle Smith Delzell Sales Co	2721 Brookfield, Dallas	
Utah	Vines & Co	Box 1025, Denver, Colo	
Vt	Hy Sherer	Box 207, Newburgh, NY	
Wash	R Legg Co	1565 6th Ave, S. Seattle, Wash	MU2-7764
	TEXAS CAPACITOR CO DIV KCK CORP	4310 Langley Rd, Houston 16, Tex	HI2-2581
	R Redding #3 *35 B 220		
Cal	James S Heaton Co	413 Lathrop St, Redwood City, Cal	EM9-5278
Colo	L P Fahey Co	2605 Cordry Dr. Boulder	HI2-2653
Conn	Conn. Sales Eng. Co	137 Thompson St. New Haven	CH8-4670
Fla	J Geartner Co	235 Lincoln Rd, Miami Beach	JE1-0200
Ill	Hill & Gray Inc	41 1/2 Harrison St, Oak Park, Ill	EU3-0373
NJ	Frank Tylinski	73-63 Bell Blvd, Bayside 64, NY	HO4-8927
Tex	H F Corry Co	6315 Hillcrest Ave. Dallas	LA8-9172
	TEXAS CRYSTALS DIV WESTRONIX CORP	1000 Crystal Dr, Fort Myers, Fla	WE6-2100
	B Armstrong #4 *38 D 410-435-895-1630		
Ala	Dixie Electronics Associates	1021 8th Ave, Nashville, Tenn	
Ariz	Verne Linsley Co	2902 W. Villa St, Phoenix, Ariz	
Ariz	E K Moore Co	5864 Louisville St, New Orleans, La	
Cal	Simonite Lewis Associates	10639 Riverside Blvd, Hollywood, Cal	
Cal	Technical Sales Co	1485 Bayshore, San Francisco, Cal	
Colo	W H Connors Co	5403 E Evans Ave, Denver 22	
Conn	Robert S Reiss Associates	70 Jessie Dr, West Haven, Conn	
Del	Eberle Schaar Co	425 Stratford Rd, Baltimore, Md	
DC	Eberle Schaar Co	425 Stratford Rd, Baltimore, Md	
Fla	Jack Geartner Co	235 Lincoln Rd, Miami Beach, Fla	
Ga	Dixie Electronics Associates	1021 8th Ave, Nashville, Tenn	
Idah	W H Connors Co	5403 E Evans Ave, Denver 22, Colo	
Ill	Dwight Smith & Associates	391 Lakelawn, Aurora, Ill	
Ill	G Abbing	8448 W Grand, River Grove	GI3-3555
Ind	Kirsch Sales Co	La Fontaine, Ind	
Iowa	Northern States Sales	1400 Park Ave, Minneapolis, Minn	
Iowa	John Zimmer Sales Co	5620 Woodward, Merriam, Kan	
Kan	John Zimmer Sales Co	5620 Woodward Ave, Merriam	
Ky	Kirsch Sales Co	LaFontaine, Ind	
La	Earl K Moore Co	5864 Louisville St, New Orleans 9, La	
Me	Robt S Reiss Associates	70 Jessie Dr, West Haven, Conn	
Md	Eberle Schaar Co	425 Stratford Rd, Baltimore, Md	

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
Mass	Robt S Peiss Associates	75 Jessie Dr, West Haven, Conn	
Mich	Robert Miller Co	19371 James Couzens Hwy, Detroit, Mich	
Minn	Northern States Sales	1400 Park Ave, Minneapolis, Minn	
Miss	Earl K Moore	5864 Louisville St, New Orleans, La	
Mo	John Zimmer Sales Co	5820 Woodward Ave, Merriam, Kan	
Mont	W H Conners Co	5403 E Evans, Denver 22, Colo	
Neb	John Zimmer Sales Co	5820 Woodward Ave, Merriam, Kan	
NH	Robt S Peiss Associates	75 Jessie Dr, West Haven, Conn	
NM	Verne Linsley Co	2902 W. Villa, Phoenix, Ariz	
NY	Jack Brown Associates	207 Rosedale, Yonkers, NY	
NY	Vetter Sales Co	2352 E. 66th, Brooklyn 34, NY	
NC	Dixie Electronics Associates	1021 8th Ave, Nashville, Tenn	
ND	Northern States Sales	1400 Park Ave, Minneapolis, Minn	
Ohio	Edwards Lotse & Co	2123 E. 9th St, Cleveland, Ohio	
Okla	Jack Yount Co	1431 Pleasant Dr, Dallas, Tex	
Ore	Roger M Winthorne Co	0673 SW Taylor's Ferry Rd, Portland 19	
Pa	F P Yanazzi Co	312 Spring Valley Rd, Pittsburg, Pa	
RI	Robt S Peiss	75 Jessie Dr, West Haven, Conn	
SC	Dixie Electronics Associates	1021 8th Ave, Nashville, Tenn	
SD	Northern States Sales	1400 Park Ave, Minneapolis, Minn	
Tenn	Dixie Electronic	5864 Louisville St, New Orleans, La	
Tex	Jack Yount Co	1431 Pleasant Dr, Dallas, Tex	
Utah	W H Conners Co	5403 E Evans, Denver, Colo	
Va	Eberle Schaw Co	425 Stratford Rd, Baltimore, Md	
Wash	Roger M Winthorne Co	0673 SW Taylor's Ferry Rd, Portland, Ore	
W.Va	F P Yanazzi Co	312 Spring Valley Rd, Pittsburgh, Pa	
Wisc	Northern States Sales	1400 Park Ave, Minneapolis, Minn	
Wisc	Dwight Smith & Associates	355 Lakelawn, Aurora, Ill	
Wyo	W H Conners Co	5403 E Evans, Denver, Colo	
Can	J M Nelson	2610 Victoria St, Vancouver 12, B C	
Can	R J Buckland Co	Box 563, Chatham, Ont	
Foreign	Ed Magnus & Associates	108 W. Randolph, Chicago 1, Ill	

TEXAS INSTRUMENTS INCORPORATED

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
	APPARATUS DIV. GOVT PRODS GR	**Box 6015, Dallas 22, Tex**	**FL7-5411**
	45-325-330-338-440-775-885-895-1135-1395-1625-1655-1870		
	APPARATUS DIV IND PRODS GR	**3609 Buffalo Spdwy. Houston 6, Tex**	**JA6-1411**
	338-360-895-1075-1110-1850		
•	**METALS & CONTROLS INC**	**34 Forest St. Attleboro, Mass**	**CA2-2000**
	155-265-315-320-360-700-1120-1125-1305-1460-1485-1635-1735-1805-1875-1885-1960		
	SEMICONDUCTOR-COMPONENTS DIV	**Box 5012, Dallas 22, Tex**	**AD5-3111**
	220-235-500-1125-1445-1475-1790-1860		
Ala	Texas Instruments Incorporated	3313 Memorial Pkwy, SW, Huntsville	JE9-2011
Ariz	Texas Instruments Incorporated	4533 Scottsdale, Scottsdale	WH5-1373
Cal	Texas Instruments Incorporated	9830 Wilshire Blvd, Beverly Hills, Cal	BR2-9291
Cal	Texas Instruments Incorporated	307 Town & Country Vig, Palo Alto, Cal	DA6-6770
Cal	Texas Instruments Incorporated	326 Broadway, San Diego 12, Cal	BE2-2807
Cal	Texas Instruments Incorporated	2215 N. Broadway, Santa Ana, Cal	KI7-6526
Cal	Texas Instruments Incorporated	515 Haberfelde Bldg, Bakersfield	FA4-9741
Cal	Texas Instruments Incorporated	3615 Lafitte, Inglewood	OR4-9333
Cal	Texas Instruments Incorporated	8323 3rd St, Downey	WA3-4521
Cal	Texas Instruments Incorporated	13035 Ventura Blvd, Sherman Oaks	ST8-9700
Colo	Texas Instruments Incorporated	655 Broadway, Denver, Colo	AM6-3675
Colo	Texas Instruments Incorporated	539 Farmers Union Bldg, Denver	AM6-0601
DC	Texas Instruments Incorporated	1625 K St, N.W., Washington 5, DC	FE7-6400
Fla	Texas Instruments Incorporated	618 E. South St, Orlando, Fla	GA2-9984
Ill	Texas Instruments Incorporated	5320 N. Devon Ave, Chicago 46, Ill	RO3-1600
Ind	Texas Instruments Incorporated	2528 Oxford, Fort Wayne	HA4252
Kan	Texas Instruments Incorporated	6405 E. Kellogg St, Wichita 7, Kan	MU4-9281
Kan	Texas Instruments Incorporated	5516 Johnson Dr. Mission	CO2-9536
Ky	Texas Instruments Incorporated	Lee Terr. Standiford Fld, Louisville 13	367-6538
La	Texas Instruments Incorporated	1609 Beck Bldg, Shreveport	4-8696
La	Texas Instruments Incorporated	414 Carondelet Bldg, New Orleans	JA5-0009
Md	Texas Instruments Incorporated	900 Reisterstown Rd, Pikesville 8, Md	HU4-1366
Mass	Texas Instruments Incorporated	31 Washington St, Wellesley Hills 81	CE7-9750
Mich	Texas Instruments Incorporated	18230 W. 7 Mile Rd, Detroit 19, Mich	KE5-8080
Mich	Texas Instruments Incorporated	2757 Eastern Ave. SE, Grand Rapids	GL2-1561
Minn	Texas Instruments Incorporated	1821 University Ave, St. Paul 4, Minn	MI6-2755
Miss	Texas Instruments Incorporated	Box 9845, Northside Sta, Jackson	EM6-9583
Mo	Texas Instruments Incorporated	7745 Carondelet Ave, St Louis 5	PA1-2169
NJ	Texas Instruments Incorporated	1141 E. Jersey St, Elizabeth	EL4-6900
NY	Texas Instruments Incorporated	600 Old Country Rd, Garden City, NY	PI2-1515
NY	Texas Instruments Incorporated	501 E. Fayette St, Syracuse 2	GR1-8141
NY	Texas Instruments Incorporated	469 Main St, Poughkeepsie	GR1-6096
NY	Texas Instruments Incorporated	204 Washington Ave. Endicott	ST5-8987
NY	Texas Instruments Incorporated	21 Prince St, Rochester	HI5-3775
Ohio	Texas Instruments Incorporated	11955 Shaker Hgts Blvd, Cleveland, Ohio	SU1-8989
Ohio	Texas Instruments Incorporated	3300 S Dixie Dr, Dayton 39	AX8-7513
Okla	Texas Instruments Incorporated	1124 E 4th St, Tulsa 10	DI3-8121
Okla	Texas Instruments Incorporated	3740 E 47th Pl, Tulsa	RE3-3427
Pa	Texas Instruments Incorporated	54 E Main St, Lansdale	UL5-1161
Pa	Texas Instruments Incorporated	1 Belmont Ave, Bala-Cynwyd	TR0-1662
Tex	Texas Instruments Incorporated	6000 Lemmon Ave, Dallas 9	FL7-5411
Tex	Texas Instruments Incorporated	Exchange Bank Bldg, Dallas 35	FL7-4311
Tex	Texas Instruments Incorporated	4716 Richmond Ave, Houston	MO6-0396
Tex	Texas Instruments Incorporated	909 Bank of SW Bldg, Houston	FA3-4781
Tex	Texas Instruments Incorporated	3402 Mercer, Houston	JA2-7961
Tex	Texas Instruments Incorporated	707 Chancellor Bldg, Midland	MU2-0882
Wash	Texas Instruments Incorporated	500 Wall St, Seattle	MA3-6870
Wisc	Texas Instruments Incorporated	7256 W. Appleton Ave, Milwaukee, Wisc	HO4-8780
Can	Texas Instruments Incorporated	706 9th Ave. W, Calgary, Alb	AM9-7351
Can	Texas Instruments Incorporated	1364 Islington Ave. N, Rexdale, Ont	RO6-6429

THERMAL AMERICAN FUSED QUARTZ CO., INC — **18-20 Salem St, Dover, NJ** — **FO6-2807**
J von Stackberg #1 *50 E 1385

THERMAL WIRE OF AMERICA — **Keeler's Bay, South Hero, Vt** — **SO241**
M Zitter #1 *75 D 190-1290-1960

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Yarbrough Sales Co	192 E Glenarm St, Pasadena	MU2-3331
Colo	Peyser & Co	2501 N. Weber St, Colorado Springs, Colo	ME4-3401
Fla	S K Wallace Assoc	PO Box 67, Lutz	TA2-4221
Ill	Arthur J Ellis Co	3607 W. Howard St, Chicago 45, Ill	AM2-2708
Md	Gene Rowan & Assoc, Inc	9501 Wentworth Dr, Bethesda 14	OL6-6131
Mass	Richard A Chapman	99 Elm St, West Newton	LA7-8325
Minn	D A Schultz Co	801 S.E. 8th St, Minneapolis, Minn	FE9-7761
Mo	Buse Sales Co	924 N Benton St, St Charles	HA4-6667
NJ	Mel Schwartz Co	39-18 Tierney Pl, Fairlawn, NJ	SW7-3435
NJ	Louis R Tessitore	Box 22, Barrington	LI7-1610
NY	A W Schmitz Co	87 St. Paul St, Rochester, NY	HA6-3090
Ohio	Edwards-Lotse & Co	2123 E 9th St, Cleveland 15	TO1-5753
Tex	Packard Associates	404 Love Field Air Terminal Bldg, Dallas	FL7-5713
Can	Alec W Andrews	1239 Tecumseh Pk, RR 2 Port Credit, Ont	CR5-3478

THERMATRON DIV WILLCOX & GIBBS SEWING MACHINE CO. — **214 W. 39 St, New York 18, NY** — **LO5-1600**
I Schwartz #10 *150 820-1215

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	W L Principe	1006 Mort Guarantee Bldg, Atlanta 3, Ga	MU8-2091
Alaska	Richard A Sperr	1335 S. Main St, L A 15, Cal	RI9-0309
Ariz	Richard A Sperr	1335 S. Main St, L A 15, Cal	RI9-0309
Ark	Royal E Fister Co	1315 Cheshire Ln, St. Louis 19, Mo	WO2-1721
Cal	Richard A Sperr	1335 S. Main St, L A 15, Cal	RI9-0309
Colo	Richard A Sperr	1335 S. Main St, L A 15, Cal	RI9-0309
Fla	W L Principe	1006 Mort Guarantee Bldg, Atlanta, Ga	MU8-2091
Ga	W L Principe	1006 Mort Guarantee Bldg, Atlanta, Ga	MU8-2091
Hawaii	Richard A Sperr	1335 S. Main St, L A 15, Cal	RI9-0309
Idaho	Richard A Sperr	1335 S. Main St, L A 15, Cal	RI9-0309
Ill	Herman A Jongebloed	431 S. Dearborn St, Chicago 7, Ill	HA7-2825
Ind	Herman A Jongebloed	431 S. Dearborn St, Chicago 7, Ill	HA7-2825
Iowa	M J Foley Co	6402 E. Jefferson Ave, Detroit 9, Mich	LO8-0900
Kan	M J Foley Co	6402 E. Jefferson Ave, Detroit 9, Mich	LO8-0900
Ky	W L Principe	1006 Mort Guarantee Bldg, Atlanta, Ga	MU8-2091
La	W L Principe	1006 Mort Guarantee Bldg, Atlanta, Ga	MU8-2091
Mich	M J Foley Co	6402 E. Jefferson Ave, Detroit 9, Mich	LO8-0900
Minn	Herman A Jongebloed	431 S. Dearborn St, Chicago 7, Ill	HA7-2825
Miss	W L Principe	1006 Mort Guarantee Bldg, Atlanta, Ga	MU8-2091
Mo	Royal E Fister Co	1315 Cheshire Ln, St. Louis 19	WO2-1721
Mont	Richard A Sperr	1335 S. Main St, L A 15, Cal	RI9-0309
Neb	Herman A Jongebloed	431 S. Dearborn St, Chicago 7, Ill	HA7-2825
Nev	Richard A Sperr	1335 S. Main St, L A 15, Cal	RI9-0309
NM	Richard A Sperr	1335 S. Main St, Los Angeles 15, Cal	RI9-0309
NC	W L Principe	1006 Mort Guarantee Bldg, Atlanta, Ga	MU8-2091
ND	Herman A Jongebloed	431 S. Dearborn St, Chicago 7, Ill	HA7-2825
Ore	Richard A Sperr	1335 S. Main St, L A 15, Cal	RI9-0309
SC	W L Principe	1006 Mort Guarantee Bldg, Atlanta, Ga	MU8-2091
SD	Herman A Jongebloed	431 S. Dearborn St, Chicago 7, Ill	HA7-2825
Tenn	W L Principe	1006 Mort Guarantee Bldg, Atlanta, Ga	MU8-2091
Utah	Richard A Sperr	1335 S. Main St, Los Angeles 15, Cal	RI9-0309
Wash	Richard A Sperr	1335 S. Main St, Los Angeles 15, Cal	RI9-0309
Wisc	Herman A Jongebloed	431 S. Dearborn St, Chicago 7, Ill	HA7-2825
Wyo	Herman A Jongebloed	431 S. Dearborn St, Chicago 7, Ill	HA7-2825

THERMAX WIRE CORP — **304 E. 45 St, New York 17, NY** — **MU9-7120**
190-1290-1960

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Hart Engineering & Sales Co	651-10 St, Atlanta 18, Ga	TR4-5667
Cal	Costello & Co	2740 S. La Cienega Blvd, Los Angeles	UP0-8537
Cal	Costello & Co	535 Middlefield Rd, Palo Alto, Cal	DA1-3745
Colo	Raymond Vinson	Box 8363, University Park Sta, Denver	SU9-2651
Conn	Don Rosa Co	44 School St, Arlington, Mass	KI7-6880
Del	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Fla	Winfield Electronic Sales Co	485 N.E. 125 St, North Miami, Fla	PL1-5556
Ga	Hart Engineering & Sales Co	651 10 St, Atlanta 18, Ga	TR4-5667
Idaho	Fornistal-Young Sales Co	4027 Broadway, Kansas City, Mo	VA1-5336
Idaho	Fornistal-Young Sales Co	6147 Delmar, St Louis, Mo	PA5-7701
Ill	Comco Associates of Chicago Inc	P.O. Box 245, Dundee, Ill	
Ind	Roger E Schlemmer	8442 Curzon Ave, Cincinnati 16, Ohio	PO1-2916
Iowa	Fornistal-Young Sales Co	4027 Broadway, Kansas City, Mo	VA1-5336
Iowa	Fornistal-Young Sales Co	6147 Delmar, St Louis, Mo	PA5-7701
Kan	Fornistal-Young Sales Co	4027 Broadway, Kansas City, Mo	VA1-5336
Kan	Fornistal-Young Sales Co	6147 Delmar, St Louis, Mo	PA5-7701
Ky	Roger E Schlemmer	8442 Curzon Ave, Cincinnati 16, Ohio	PO1-2916
La	Hart Engineering & Sales Co	651 10 St, Atlanta 18, Ga	TR4-5667
Me	Don Rosa Co	44 School St, Arlington, Mass	KI7-6880
Md	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Mass	Don Rosa Co	44 School St, Arlington, Mass	KI7-6880
Minn	Anderson & Associates	3825 York Ave, N., Minneapolis 22, Minn	JU8-2523
Miss	Hart Engineering & Sales Co	651 10 St, Atlanta 18, Ga	TR4-5667
Mo	Fornistal-Young Sales Co	4027 Broadway, Kansas City, Mo	VA1-5336
Mo	Fornistal-Young Sales Co	6147 Delmar, St Louis, Mo	PA5-7701
Neb	Fornistal-Young Sales Co	4027 Broadway, Kansas City, Mo	VA1-5336
Neb	Fornistal-Young Sales Co	6147 Delmar, St Louis, Mo	PA5-7701
Nev	Costello & Co	2740 S. La Cienega Blvd, L A, Cal	UP0-8537
Nev	Costello & Co	535 Middlefield Rd, Palo Alto, Cal	DA1-3745
NH	Don Rosa Co	44 School St, Arlington, Mass	KI7-6880
NJ	Barrett Border	121 Oak St, Tenafly, NJ	LO8-2354
NM	Raymond Vinson	Box 8363, Univ Pk Sta, Denver 10, Colo	SU9-2651
NC	Hart Engineering & Sales Co	651 10 St, Atlanta 18, Ga	TR4-5667
Ohio	Roger E Schlemmer	8442 Curzon Ave, Cincinnati 16, Ohio	PO1-2916
Okla	George Wenreich & Associates	1218 Old Gate Ln, Dallas 18, Tex	DA1-2800
Pa	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
RI	Don Rosa Co	44 School St, Arlington, Mass	KI7-6880
SC	Hart Engineering & Sales Co	651 10 St, Atlanta 18, Ga	TR4-5667
Tenn	Hart Engineering & Sales Co	651 10 St, Atlanta 18, Ga	TR4-5667
Tex	George Wenreich & Associates	1218 Old Gate Ln, Dallas 18, Tex	DA1-2800
Utah	Raymond Vinson	Box 8363, Univ Pk Sta, Denver 10, Colo	SU9-2651
Vt	Don Rosa Co	44 School St, Arlington, Mass	KI7-6880
Va	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
W.Va	Samuel A Jeffries Inc	105 Forrest Ave, Narberth, Pa	MO4-8500
Wisc	Comco Associates of Chicago Inc	P.O. Box 245, Dundee, Ill	
Wyo	Raymond Vinson	Box 8363, Univ Pk, Denver 10, Colo	SU9-2651
Canada	William H Hummel	Box 130, Port Credit, Ontario, Canada	

THERM-O-DISC INC — **Mansfield, Ohio**
1805

THERMO ELECTRIC CO. INC — **109 Fifth St. Saddle Brook, NJ** — **HU9-5800**
W Perkins #25 *400 F 338-345-360-375-575-775-895-920-925-1100-1125-1245-1380-1610-1735-1795-1850-1960

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Frank A Thomas Co	1505 Liberty St, Mobile, Ala	GR1-2752
Cal	Thermo Elec. Co. Inc	19458 Ventura Blvd, Tarzana	DI5-1480
Cal	California Instrument Co	351 10th St, San Francisco 3, Cal	UN3-0350
Colo	James B Drummond Co	3060 S. Cook St, Denver 9, Colo	SP7-6748
DC	Andone & Cline	Washington, DC	JU8-7475
Ill	Thermo Electric Co., Inc	5780 N. Elston Ave, Chicago 46, Ill	NE1-7332
Ind	Thermo Elec. Co. Inc	2856 W. 30th St, Indpls 22	WA5-4870
La	Thermo Elec. Co. Inc	Box 683, Metairie	VE5-8844
Mass	Thermo Elec. Co. Inc	165 Park St, Attleboro	CA2-1288
Mich	H H Barnum Co	12201 Merriman Rd, Livonia, Mich	KE1-7504
Mo	E B Miller Co	10117 Manchester Rd, St. Louis 22, Mo	YO5-6290
NY	Thermo Electric Co, Inc	Box 154, DeWitt 14	GI6-2549
NC	MacGuire Instrument Co	3214 Highview Rd, Charlotte 9, NC	EM6-3434
Ohio	Thermo Electric Co., Inc	7710 Reading Rd, Cincinnati 37, Ohio	VA1-8875
Ohio	Thermo Electric Co., Inc	Columbus, Ohio	EN8675
Ohio	Thermo Elec. Co. Inc	4331 W. 226th St, Cleve 26	RE4-3400
Pa	Thermo Elec. Co. Inc	700 Wood St, Pittsburgh 21	CH1-1200
Pa	Andone & Cline	Widford Bldg, 33rd & Arch St, Phila 4, Pa	EV3-6520
Tenn	Thermo Electric Co, Inc	2503 Avalon Circle, Chattanooga	AM6-3464
Tex	Wright Industrial Products	5738 N. Central Expwy, Dallas 6, Tex	TA4-2571
Tex	Wright Industrial Products	1803 Calumet, Houston 4, Tex	JA3-5651
Wash	G G Carson Co	1010 E. Prospect, Seattle 2, Wash	EA4-8347
Canada	Thermo Electric Ltd	P.O. Box 10, Brampton, Ontario, Canada	GL1-0813

THERMO ELECTRIC MFG CO. — **465 Huff St, Dubuque, Iowa** — **3-3501**
250-735-895-1215-1245-1795

THERMOCAL DIV JAMIESON LABS INC — **7900 Haskell Ave, Van Nuys, Cal** — **EX3-9841**
R Deaton A 740-1460-1645-1735-1805

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Lynd A Walking	P. O. Box 3045, Atlanta 17, Ga	DR3-0346
Alaska	Don H Burcham Co	422 1st Ave, W., Seattle 99, Wash	
Ariz	Shefler-Kahn Co	P. O. Box 1587, Phoenix, Ariz	AL8-7893
Colo	Brown Tech & Associated Sales	130 S. Yarrow St, Lakewood, Colo	BE7-3467
Conn	Wayne B Palioca Inc	1787 Mass Ave, Lexington 73, Mass	VO2-7224
Del	F D Marty Associates	1180 Raymond Blvd, Newark 2, NJ	MA2-2385
DC	F D Marty Associates	1180 Raymond Blvd, Newark 2, NJ	
Ga	Lynd A Walking	P. O. Box 3045, Atlanta 17, Ga	
Idaho	Don H Burcham Co	422 1st Ave, W., Seattle 99, Wash	
Ill	D Dalin Sales	3553 W. Peterson Ave, Chicago 45, Ill	JU8-3338
Ind	Custom Engineering	2975 Far Hills Ave, Dayton, Ohio	AX8-5386
Me	Wayne B Palioca Inc	1787 Mass Ave, Lexington 73, Mass	
Md	F D Marty Associates	1180 Raymond Blvd, Newark 2, NJ	
Mass	Wayne B Palioca Inc	1787 Mass Ave, Lexington 73, Mass	
Mich	Custom Engineering	2975 Far HillsAve, Dayton, Ohio	
Minn	D Dalin Sales	3553 W. Peterson Ave, Chicago 45, Ill	
Mont	Don H Burcham Co	422 1st Ave, W., Seattle 99, Wash	
NJ	Paul D Aaron	Profl Bldg, Port Washington, NY	PO7-6480
NM	Shefler-Kahn Co	P. O. Box 1587, Phoenix, Ariz	AL8-7893
NY	Paul D Aaron	Profl Bldg, Port Washington, NY	PO7-6480
NY	Lee Jacobson	1366 Kenmore Ave, Buffalo, NY	DE5442
NC	Lynd A Walking	P. O. Box 3045, Atlanta 17, Ga	
Ohio	Custom Engineering	2975 Far Hills Ave, Dayton, Ohio	
Ore	Don H Burcham Co	422 1st Ave, W., Seattle 99, Wash	
Ore	Don H Burcham Co	P. O. Box 4098, Portland, Ore	
Pa	F D Marty Associates	1180 Raymond Blvd, Newark 2, NJ	
RI	Wayne B Palioca Inc	1787 Mass Ave, Lexington 73, Mass	
SC	Lynd A Walking	P. O. Box 3045, Atlanta 17, Ga	
Tenn	Lynd A Walking	P. O. Box 3045, Atlanta 17, Ga	
Utah	Brown Tech & Associated Sales	130 S. Yarrow, Lakewood 15, Colo	
Vt	Wayne B Palioca Inc	1787 Mass Ave, Lexington 73, Mass	
Va	F D Marty Associates	1180 Raymond Blvd, Newark 2, NJ	
Wash	Don H Burcham Co	422 1st Ave, W., Seattle 99, Wash	
Wisc	D Dalin Sales	5709 N. Hopkins St, Milwaukee 9, Wisc	
Wyo	Brown Tech & Associated Sales	130 S. Yarrow, Lakewood 15, Colo	
Foreign	Ad Auriema	85 Broad St, New York, NY	

THERM-O-LAB CORP. — **6940 Farmdale Ave, N.Hollywood, Cal** — **TR7-7105**
575

THERMOSEN INC — **375 Fairfield Ave, Stamford, Conn** — **DA5-1324**
N Magide #1 *11 B 1135-1460-1880

THERM-O-STATS INC — **Chartley, Mass** — **CA2-4270**
#4 *20 B 1735-1805

THERMOVOLT INSTRUMENTS LTD — **70 Advance Rd, Toronto 18, Ont, Canada** — **BE1-7134**
G Soodre #3 *30 C 50-88-205-230-250-345-360-735-895-900-920-925-1100-1125-1215-1330-1735-1795-1800-1960

THETA INSTRUMENT CORP — **520 Victor St, Saddle Brook, NJ** — **HU7-3500**
S Handelman #4 *30 25-285-470-895-1145-1470-1550-1555-1585-1850

TERR	MANUFACTURERS SALES OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Murphy & Cota	112 Gallatin St SW, Huntsville	JE6-9121
Ark	Ecklund Electronic Sales	P. O. Box 12151, Ft. Worth, Tex	PE8-9773
Cal	Luscombe Engineering Co	1026 S Arroyo Pkwy, Pasadena	SY5-0445
Cal	Luscombe Engineering Co	130 N. 11 St, San Mateo, Cal	DI2-7207
Conn	Ress Engineering Sales	259 Walnut, Newtonville, Mass	LA7-4932
Del	Biechler Associates	P. O. Box 38, Millersville, Pa	TR2-7632
DC	Biechler Associates	P. O. Box 38, Millersville, Pa	TR2-7632
DC	Jacob Friedman	Washington Bldg, Washington 5	ST3-1240
Fla	Murphy & Cota	2319 E South St, Orlando	GA4-2167
Iowa	Eder Associates	2603 N. Downer, Milwaukee, Wisc	WO4-3450
La	Ecklund Electronic Sales	P. O. Box 12151, Ft. Worth, Tex	PE8-9773
Me	Ress Engineering Sales	259 Walnut, Newtonville, Mass	LA7-4932
Md	Biechler Associates	P. O. Box 38, Millersville, Pa	TR2-7632
Mass	Ress Engineering Sales	259 Walnut St, Newtonville 60, Mass	LA7-4932
Mich	Eder Associates	2603 N. Downer, Milwaukee, Wisc	WO4-3450
Minn	Eder Associates	2603 N. Downer, Milwaukee, Wisc	WO4-3450
NH	Ress Engineering Sales	259 Walnut, Newtonville, Mass	LA7-4932
NY	C A Winick Co	1445 Valencia Rd, Schenectady 9	EX3-7290
NC	Murphy & Cota	1106 Burke St, Winston-Salem, NC	PA4-0750
Okla	Ecklund Electronic Sales	Box 12151, Ft. Worth, Tex	PE8-9773
Pa	Biechler Associates	Box 38, Millersville, Pa	TR2-7632
RI	Ress Engineering Sales	259 Walnut St, Newtonville, Mass	LA7-4932
SC	Murphy & Cota	1106 Burke St, Winston-Salem, NC	PA4-0750
Tenn	Murphy & Cota	1106 Burke St, Winston-Salem, NC	PA4-0750
Tex	Ecklund Electronic Sales	Box 12151, Ft. Worth, Tex	PE8-9773
Va	Biechler Associates	Box 38, Millersville, Pa	TR2-7632
Wisc	Eder Associates	2603 N. Downer Ave, Milwaukee, Wisc	WO4-3450
Can	Electrodesign Ltd	5124 St Lawrence Blvd, Montreal 11	[illegible]

TERR	Office	Tel. No.
For	Sylvan Ginsbury Ltd .... [illegible] St. New York 18, NY	LO4-7585
Foreign	Industrial Imports Ltd......... Box 1271, Central PO, Tokyo, Japan	

THOMAS & BETTS CO., INC., THE 36 Butler St, Elizabeth 1, NJ EL4-4321
R Olsen *1100 G 345-1780-1785

TERR	Office	Tel. No.
Cal	The Thomas & Betts Co .... 145 S. Anderson St, Los Angeles 54, Cal	AN8-3191
Cal	The Thomas & Betts Co .... 645 Phelps St, San Francisco 24, Cal ..	VA6-5300
Colo	Strong & Humphrey .... 1[illegible] Yuma, Denver 23	SH4-1351
Fla	Billy R Conner .... P.O. Box 10176, Tampa 9	
Ga	The Thomas & Betts Co .... 734 Candler Bldg, Atlanta 3, Ga	JA4-1936
Ill	The Thomas & Betts Co .... 444 N. Lake Shore Dr, Chicago 11, Ill ..	SU7-5100
Ky	John Klein .... 824 Clovis View Ave, Cincinnati 31, Ohio	
Mass	The Thomas & Betts Co .... 10 High St, Boston 10, Mass	LI2-7934
Mich	Turrell & Co., Inc .... 1414 W. McNichols Rd, Detroit 21, Mich	UN4-5077
Mo	J E Williams .... 8 Leicester Ln, Ferguson 35	
Mo	James J Boyle .... 406 W. 34th St, Kansas City 11, Mo	
NY	H A Freden .... 119 Forman Rd, Syracuse	HA2-7861
NY	The Thomas & Betts Co .... 15 Park Pl, New York City, NY	BA7-8645
Ohio	Thomas & Betts Co .... 1900 Euclid Ave, Cleveland 15, Ohio	MA1-7595
Pa	The Thomas & Betts Co .... 1[illegible]5 Chestnut St, Philadelphia, Pa	WA2-4238
Pa	Stanley A Trezise .... [illegible], Pa	
Tex	John Humber .... P.O. Box 53, Bellaire 101, Tex	
Wash	Frank A Strohecker .... 22[illegible] First Ave, S., Seattle 4, Wash	
Wis	J L Schroeder .... 3467 N 61st St, Wauwatosa 13	HI2-6674
Foreign	Thomas & Betts Ltd .... 751 Victoria Sq, Montreal 1, Quebec	VI9-7737

THOMAS ELECTRONICS INC .... 118 Ninth St, Passaic, NJ GR3-4040
190-265-315-360-895-900-1075-1875-1880-1995

TERR	Office	Tel. No.
Colo	Hydronic Measurements Inc .... 1295 S. Bannock St, Denver, Colo	PE3-3701
Ill	Ridgway Engineering Inc .... 6100 W. North Ave, Chicago 39, Ill	TU9-5715
Mass	Instruments Associates .... 1315 Massachusetts Ave, Arlington 74 ..	MI8-2522
Tex	[illegible] .... 2712 W. Mockingbird Ln, Dallas, Tex ...	FL7-8249

THOMAS INSTRUMENT CO .... Three Rivers, Phoenix, NY OW5-5134
S Thomas #2 *10 A 1075-1715

TERR	Office	Tel. No.
For	Comtrad Corp .... 673 Broadway, New York, NY	OR4-6300

THOMAS MOLD & DIE CO .... Wooster, Ohio AN2-5911
W Petterson #2 *30 C 45

TERR	Office	Tel. No.
Cal	Andrew California Corp .... 941 E. Maryland Ave, Claremont, Cal	NA6-2505
Ill	Andrew Corp .... 10[illegible] W. 53 St, Orland Park, Ill	FI9-3300
NJ	Andrew Corp .... P.O. Box 416, Ridgewood, NJ	GI5-2500
Canada	Andrew Antenna Corp Ltd .... 606 Beech St, Whitby, Ontario, Canada ..	MO8-3348

THOMAS & SKINNER INC .... 1120 E. 23rd St, Indianapolis, Ind WA3-2501
R Miller #3 *250 380-980-1085

TERR	Office	Tel. No.
Cal	Yarbrough Sales Co .... 192 E. Glenarm St, Pasadena, Cal......	MU2-3331
Fla	Lynch-Gentry Assoc, Inc .... 7213 Central Ave. St. Petersburg	DI7-5131
Ill	Thomas & Skinner Inc .... 64 Old Orchard, Skokie, Ill	OR3-1666
Mass	Howard C [illegible] .... 37 Hillcrest Rd. Wakefield	CR6-4816
NY	Robert Fulton .... 35 Fremont Rd, N. Tarrytown, NY	ME1-4934
NY	Wally B Swank Inc .... 2300 Bellevue Ave, Syracuse 4, NY......	GR9-2141
NY	[illegible] .... 1 Park Ave, Manhasset, NY	MA7-6620
NC	W E Frince Associates .... P.O. Box 1601, Hendersonville, NC	OX3-4202
Pa	D G Quinlan Co .... National Bank Bldg, Ambler, Pa	MI6-7251
Tex	John A Green Co .... 3[illegible] Emery Ct, Dallas 7, Tex	FL1-9847
Wash	National Co., Inc .... 77 [illegible] St, Seattle 4, Wash	MU2-2451
Can	Paisley Prod. of Can. Ltd .... 35 Upton Rd, Scarboro, Ont	

THOMAS & SONS INC., WILLIAM .... Slocum Ave, Ridgefield, NJ WH3-5500
W Thomas #4 *60 E 1120-1690

THOMPSON-BREMER & CO. DIV. AMER MACH & FNDRY .... 228 N LaSalle St. Chicago 1, Ill......... FR2-6858
K Graziano *175 G 645-1120-1535-1780-1940

TERR	Office	Tel. No.
Cal	R G Dudek .... 407 N. Maple Dr, Beverly Hills, Cal	BR2-8097
Ga	J J McIntosh .... 1891 Edinburgh Terr, N.E., Atlanta, Ga	DR7-2971
Ill	Barth & Reynolds .... 7117 W. Addison St, Chicago 34, Ill	KI5-7973
Ill	Thor Lindeen .... 1907 7th Ave, Moline, Ill	MO2-4410
Ind	D G Teeling Co .... 222 W. 73rd St, Indpls 20, Ind	CL1-9571
Ky	H Workman .... P O Box 36, Pleasure Ridge Park	WA1-3816
Mass	Thomas J Holzis & Sons .... Statler Office Bldg, Boston 16, Mass	HA6-2332
Mich	Sam T Keller Co .... 1212 Fisher Bldg, Detroit 2, Mich	TR5-7600
Mo	Components & Equipment Co .... Webster Groves 19, Mo	WO2-2799
NY	C L Martin Sales Corp .... 109 Pickwick Rd, Syracuse, NY	GI6-2540
NY	J Remsey Range Inc .... 71 Murray, New York 1, NY	WO2-4059
NY	Howard N Clark .... 830 Linden, Rochester 10, NY	LO6-0371
Ohio	Petrie-[illegible] Co .... 57[illegible] Mayfield Rd, Cleveland 24	HI2-6530
Ohio	D E Button Co .... 310 Beverly Pl, Dayton 19, Ohio	AX8-1503
Ore	Oregon Industrial Factors .... 60[illegible] S. W. Macadam, Portland 1, Ore	CH4-4040
Pa	W Henry Cordray Sales Co .... [illegible] Bldg, Bala Cynwyd	MO4-3344
Tex	C W McNeil Inc .... 8[illegible]1 Century Bldg, Houston 2, Tex	CA8-7595
Wis	William J Schaller Co .... 5200 N Santa Monica, Milwaukee 17	BR1-2128
For	American Machine & Fndry Co .... 261 Madison Ave. New York 16, NY	MU7-3100

THOMPSON FIBER GLASS CO., H I 1733 Cordova St, Los Angeles 7, Cal RE3-9161
D Floto *525 620-660-1135-1220-1290

TERR	Office	Tel. No.
Ala	Burnie Weddle .... 5650 Colton Dr. NE Atlanta 5, Ga	255-7804
Ark	Marshall Morris .... 2350-A W. Berry, Ft. Worth, Tex	WA4-8679
Conn	Tom Kimberly .... 38 Crescent Circle, Cheshire, Conn	BR2-6544
Del	Fred Muhlenfeld .... 6659 Loch Hill Rd, Baltimore, Md	VA5-3135
Fla	Burnie Weddle .... 5650 Colton Dr. NE, Atlanta 5, Ga	255-7804
Ga	Burnie Weddle .... 5650 Colton Dr. NE Atlanta 5	255-7804
Kan	Marshall Morris .... 2850-A W. Berry, Ft. Worth, Tex	WA4-8679
Ky	Burnie Weddle .... 5650 Colton Dr. NE Atlanta 5, Ga	255-7804
La	Burnie Weddle .... 5650 Colton Dr. NE Atlanta 5, Ga	255-7804
Me	Tom Kimberly .... 38 Crescent Circle, Cheshire, Conn	BR2-6544
Md	Fred Muhlenfeld .... 6659 Loch Hill Rd, Baltimore, Md	VA5-3135
Mass	Tom Kimberly .... 38 Crescent Circle, Cheshire, Conn	BR2-6544
Miss	Burnie Weddle .... 5650 Colton Dr, NE Atlanta 5, Ga	255-7804
Mo	Marshall Morris .... 2850-A W. Berry, Ft. Worth, Tex	WA4-8679
Neb	Marshall Morris .... 2850-A W. Berry, Ft. Worth, Tex	WA4-8679
NH	Tom Kimberly .... 38 Crescent Circle, Cheshire, Conn	BR2-6544
NJ	Fred Muhlenfeld .... 6659 Loch Hill Rd, Baltimore, Md	VA5-3135
NM	Marshall Morris .... 2850-A W. Berry, Ft. Worth, Tex	WA4-8679
NY	Tom Kimberly .... 38 Crescent Circle, Cheshire, Conn	BR2-6544
NC	Fred Muhlenfeld .... 6659 Loch Hill Rd, Baltimore, Md	VA5-3135
Ohio	Fred Muhlenfeld .... 6659 Loch Hill Rd, Baltimore, Md	VA5-3135
Okla	Marshall Morris .... 2850-A W. Berry, Ft. Worth, Tex	WA4-8679
Pa	Fred Muhlenfeld .... 6659 Loch Hill Rd, Baltimore, Md	VA5-3135
RI	Tom Kimberly .... 38 Crescent Circle, Cheshire, Conn	BR2-6544
SC	Fred Muhlenfeld .... 6659 Loch Hill Rd, Baltimore, Md	VA5-3135
Tenn	Burnie Weddle .... 5650 Colton Dr. NE, Atlanta 5, Ga	255-7804
Tex	Marshall Morris .... 2850-A W. Berry, Ft. Worth, Tex	WA4-8679
Vt	Tom Kimberly .... 38 Crescent Circle, Cheshire, Conn	BR2-6544
Va	Fred Muhlenfeld .... 6659 Loch Hill Rd, Baltimore, Md	VA5-3135
W.Va	Fred Muhlenfeld .... 6659 Loch Hill Rd, Baltimore, Md	VA5-3135
Wyo	Marshall Morris .... 2850-A W. Berry, Ft. Worth, Tex	WA4-8679
For	Durham Eng. Ltd .... Stillington, County Durham	

THOMPSON RAMO WOOLDRIDGE INC. TAPCO GROUP .... 23555 Euclid Ave. Cleve 17, Ohio IV1-7500
R Poetz #1,270 *8,000 G 20-325-330-340-360-365-895-915-1300-1425-1470-1610

TERR	Office	Tel. No.
Ala	T Keefe .... 3313 Memorial Pkwy. Huntsville........	539-0791
Cal	N May .... 207 Hindry Ave. Inglewood	OR8-9261
Cal	J Styers .... 111 Main St. Los Altos	WH8-9114
Cal	L Hoffman .... 3280 N. Harbor Dr. San Diego 1	CY7-4544
DC	Frank A Flowers .... 905 16th St, N.W., Washington 6, DC....	ME8-5046
Fla	R T Hall .... 1612 E. Colonial Dr. Orlando	CH1-6591
Kan	Ben F Penn .... 6631 E. Kellogg, Wichita 7, Kan	MU2-5236
Mass	W Baucom .... 114 Waltham St. Lexington	VO2-6370
Mo	R Randall .... Manchester at Weidman, St. Louis 66	LA7-4391
Ohio	J L Haggerty .... 1304 Talbott Tower, Dayton, Ohio.......	BA3-6266
Okla	L Harvey .... 15 N. Robinson, Oklahoma City 2	CE5-2538
Tex	R G Mayes .... 3948 Marquette, Dallas, Tex	EM8-3088
Utah	E Henry .... 445 E. 2nd S. Salt Lake City 11	DA8-9473
Wash	W Bradley .... 3466 E. Marginal Way, Seattle 4	MU2-1050
For	T R W International .... 9 Rue Jean-Robert Chouet, Geneva Switzerland	SA349560

THOMSON MFG CO., JUDSON L .... 22 Sawyer Rd, Waltham 54, Mass TW3-0857
S Parker #9 *650 F 355-645-1075

TERR	Office	Tel. No.
Cal	Judson L Thomson Mfg Co .... 944 S Gerhart St, Los Angeles..........	RA3-9928
Cal	Judson L Thomson Mfg Co .... 35 Vicente, San Francisco	MO1-4583
Conn	Judson L Thomson Mfg Co .... Box 132, Blue Hills Sta, Hartford.......	AD6-4052
Ill	Judson L Thomson Mfg Co .... 5545 Northwest Hwy, Chicago, Ill	SP4-4100
Ind	Judson L Thomson Mfg Co .... 7512 Hanner Dr N, Indpls	CL1-8857
Mich	Judson L Thomson Mfg Co .... 12131-35 Grand River Ave, Detroit, Mich	WE3-4220
Mo	Shoe Factory Supplies Co .... 1200 S. Grand Blvd, St. Louis, Mo	PR2-4655
NY	Judson L Thomson Mfg Co .... Box 372, Auburn	AU2-8183
NY	Judson L Thomson Mfg Co .... 11-21 46 Rd, LIC	ST6-5726
NC	Engineered Equip Sales, Inc .... Box 3304, Charlotte	376-2696
Ohio	Judson L Thomson Mfg Co .... 57 Aurora Rd, Northfield, Ohio	IM7-7573
Pa	Judson L Thomson Mfg Co .... 22 N. Maple Rd, Philadelphia, Pa	HI6-8102
Tenn	Judson L Thomson Mfg Co .... 132 Liberty Ln, Madison	UL9-5832
Tex	Judson L Thomson Mfg Co .... P.O. Box 364, Arlington, Tex	CR4-5142

THOR CERAMICS INC .... 225 Belleville Ave, Bloomfield, NJ PI3-7797
H Thaw #2 *70 C 120-175-240-715-770-900-905-1290-1545-1875-1890

TERR	Office	Tel. No.
Cal	Hemm & Scheel .... 3350 Barham Blvd. Hollywood..........	HO2-7357
NJ	H C Stockflet .... 2 Warwick Rd. Chatham	FR7-2749

THOR TRANSFORMER & ELECS DIV .... 752 San Antonio Rd, Palo Alto, Cal....... DA1-0491
320-1055

THORDARSON-MEISSNER ...... 7th & Bellmont, Mt. Carmel, Ill .... MT12[illegible]
W Clancy #14 *400 E 45-320-670-895-1770-1855-1940

TERR	Office	Tel. No.
Ala	Maitland K Smith Co .... 17[illegible] Valley Ave, Birmingham	TR5-[illegible]
Alaska	M F Widmund .... 222 1st Ave, N., Seattle, Wash	LI2-[illegible]
Ariz	Wedge Weber Co .... 1217 Venice Blvd, Los Angeles, Cal	DU7-2111
Ark	The Texport Co .... 2147 Farrington, Dallas 7, Tex	RI7-6886
Cal	Wedge Weber Co .... 1217 Venice Blvd, Los Angeles, Cal ...	DU7-2111
Cal	William J Purdy Co .... 312 7th St, San Francisco, Cal	UN3-3300
Colo	Hyde Electronic Sales .... 888 S. Lipan St, Denver, Colo	WE6-3456
Conn	Lawrence Cole Co .... 21 Radcliffe Rd, Weston, Mass	CE5-3197
Del	Art Cerf Co .... 744 Broad St, Newark, NJ	MI3-9118
DC	Art Cerf Co .... 744 Broad St, Newark, NJ	MI3-9118
Fla	Maitland K Smith .... 122 Riverside Dr, Ormond Beach, Fla ..	OR7-2291
Ga	Maitland K Smith .... 255 14th St, N.W., Atlanta, Ga	TR5-8031
Hawaii	William J Purdy .... 312 7th St, San Francisco, Cal	UN3-3300
Idaho	Hyde Electronic Sales .... 888 S. Lipan St, Denver, Colo	WE6-3456
Ill	A H Bruning Co .... 1780 Lawrence Ave, Chicago	ED4-2888
Ind	McNabb Schroeder & Loomis .... 870 E. 64th St, Indpls, Ind	CL5-6770
Iowa	The Hermann Co .... 1711 Hawthorne, Mnnpls, Minn	FE2-5457
Kan	Chamberlain Landon .... 416 E. 7th St, Kansas City, Mo	JA3-8905
La	The Texport Co .... 2147 Farrington, Dallas 7, Tex	RI7-6886
Me	Lawrence Cole Co .... 21 Radcliffe Rd, Weston, Mass	CE5-3197
Md	Art Cerf Co .... 744 Broad St, Newark, NJ	MI3-9118
Mass	Lawrence Cole Co .... 21 Radcliffe Rd, Weston, Mass	CE5-3197
Mich	Burgess-Drewer .... 2219 Grand River, Detroit, Mich	
Minn	The Hermann Co .... 1711 Hawthorne, Mnnpls, Minn	FE2-5457
Miss	Maitland K Smith Co .... 255 14th St, N.W., Atlanta, Ga	TR5-8031
Mo	Chamberlain-Corrigan .... 416 E. 7th St, Kansas City, Mo	JA3-8905
Mont	Hyde Electronic Sales .... 888 S. Lipan St, Denver, Colo	WE6-3456
Ky	McNabb Schroeder & Loomis .... 870 E. 64th St, Indpls, Ind	CL5-6770
Neb	The Hermann Co .... 1711 Hawthorne, Mnnpls, Minn	FE2-5457
Nev	William J Purdy Co .... 312 7th St, San Francisco, Cal	UN3-3300
NH	Lawrence Cole Co .... 21 Radcliffe Rd, Weston, Mass	CE5-3197
NJ	Art Cerf Co .... 744 Broad St, Newark, NJ	MI3-9118
NM	Hyde Electronic Sales .... 888 S. Lipan, Denver, Colo	WE6-3456
NY	Art Cerf Co .... 744 Broad St, Newark, NJ	MI3-9118
NC	Maitland K Smith Co .... 255 14th St, N.W., Atlanta, Ga	TR5-8031
ND	The Hermann Co .... 1711 Hawthorne, Mnnpls, Minn	FE2-5457
Ohio	Neal Bear Corp .... 3435 Steelyard Rd, West Richfield	OL9-3331
Okla	The Texport Co .... 2147 Farrington, Dallas, Tex	RI7-6886
Ore	M F Widmund .... 222 1st Ave N., Seattle, Wash	LI2-4[illegible]
Pa	Art Cerf Co .... 744 Broad St, Newark, NJ	MI3-9118
Pa	Neal Bear Corp .... 3435 Steelyard Rd, W. Richfield, Ohio ..	OL9-3331
RI	Lawrence Cole Co .... 21 Radcliffe Rd, Weston, Mass	CE5-3197
SC	Maitland K Smith Co .... 255 14th St, N.W., Atlanta, Ga	TR5-8031
SD	The Hermann Co .... 1711 Hawthorne, Mnnpls, Minn	FE2-5457
Tenn	Maitland K Smith Co .... 255 14th St, N.W., Atlanta, Ga	TR5-8031
Tex	The Texport Co .... 2147 Farrington, Dallas, Tex	RI7-6886
Utah	Hyde Electronic Sales .... 888 S. Lipan, Denver, Colo	WE6-3456
Vt	Lawrence Cole Co .... 21 Radcliffe Rd, Weston, Mass	CE5-3197
Va	Art Cerf Co .... 744 Broad St, Newark, NJ	
Wash	M F Widmund .... 222 1st Ave, N., Seattle, Wash	LI2-4330
W. Va	Neal Bear Corp .... 3435 Steelyard Rd, W. Richfield, Ohio ...	OL9-3331
Wisc	A H Bruning Co .... 1780 Lawrence Ave, Chicago, Ill	ED4-2888
Wyo	Hyde Electronic Sales .... 888 S. Lipan, Denver, Colo	WE6-3456

THORENS DIV. ELPA MKTG. IND. INC .... Thorens Bldg. New Hyde Park, NY PI6-3002
R Walter 1255-1265-1905

TERR	Office	Tel. No.
Ala	Luke D Roddey .... 4242 Waterbury Dr, Charlotte 9, NC	
Alaska	Dale G Weber Co .... 8 Clay St, S.E., Portland 14, Ore	
Ariz	Koessler Sales Co .... 818 N. Fairfax Ave, Los Angeles, Cal	
Ark	Chas Lucas Sales Co .... 2004 S. Beckley, Dallas, Tex	
Cal	Koessler Sales Co .... 818 N. Fairfax Ave, Los Angeles 46, Cal	
Colo	R G Bowen .... 721 S. Broadway, Denver 9, Colo	
Conn	Hetherington Sales Co .... 97 Bogle St, Weston 93, Mass	
Del	Harold A Meyer Co .... Box 14, Haddonfield, NJ	
DC	Harold A Meyer Co .... Box 14, Haddonfield, NJ	
Fla	Gus Jose Associates .... Box 208, N. Miami Beach, Fla	
Ga	Luke D Roddey .... 4242 Waterbury Dr, Charlotte, NC	
Hawaii	Koessler Sales Co .... 818 N. Fairfax Ave, Los Angeles 46, Cal	
Idaho	Dale Weber Co .... 8 S.E. Clay St, Portland, Ore	
Idaho	R G Bowen .... 721 S. Broadway, Denver 9, Colo	
Ill	E N Seversen .... 11435 Circle Dr, LaGrange	
Ind	Doug Cook & Assoc .... 3710 N. Meridian St. Indpls 8	
Iowa	Zimmer Sales .... 5620 Woodward Ave. Merriam, Kan	
Ky	Doug Cook & Assoc .... 3710 N. Meridian St. Indpls 8	
La	Chas Lucas Sales Co .... Box 6556, Dallas, Tex	
Me	Hetherington Sales Co .... 97 Bogle St, Weston, Mass	
Md	Harold A Meyer Co .... Box 14, Haddonfield, NJ	
Mass	Hetherington Sales Co .... 97 Bogle St, Weston, Mass	
Mich	K C Suttles & Co .... 22139 Grand River Ave, Detroit 19, Mich	
Minn	Clark R Gibb Co .... 2400 Hennepin Ave, Minneapolis 5, Minn	
Miss	Luke D Roddey .... 4242 Waterbury Dr, Charlotte, NC	
Mo	Zimmer Sales .... 5620 Woodward Ave, Merriam, Kan	
Mont	R G Bowen .... 721 S. Broadway, Denver, Colo	
Mont	Dale G Weber .... 8 S.E. Clay St, Portland 14, Ore	
Neb	Zimmer Sales .... 5620 S. Broadway, Denver, Colo	
Neb	R G Bowen .... 721 S. Broadway, Denver, Colo	
Nev	Koessler Sales Co .... 818 N. Fairfax Ave, Los Angeles 46, Cal	
NH	Hetherington Sales .... 97 Bogle St, Weston 93, Mass	
NJ	Harold A Meyer Co .... Box 14, Haddonfield, NJ	
NM	R G Bowen .... 721 S. Broadway, Denver 9, Colo	
NY	Hetherington Sales .... 97 Bogle St, Weston, Mass	
NC	Luke D Roddey .... 4242 Waterbury Dr, Charlotte, NC	
ND	Clark R Gibb .... 2400 Hennepin Ave, Minneapolis 5, Minn	
Ohio	Schroeder Sales Co .... 2309 Prospect Ave, Cleveland 15, Ohio	
Okla	Charles Lucas Sales Co .... Box 6556, Dallas 15, Tex	
Ore	Dale G Weber Co .... 8 S.E. Clay St, Portland 14, Ore	
Pa	Schroeder Sales Co .... 2309 Prospect Ave, Cleveland 15, Ohio	
Pa	Harold A Meyer Co .... Box 14, Haddonfield, NJ	
RI	Hetherington Sales Co .... 97 Bogle St, Weston 93, Mass	
SC	Luke D Roddey .... 4242 Waterbury Dr, Charlotte, NC	
SD	Clark R Gibb Co .... 2400 Hennepin Ave, Minneapolis 5, Minn	
Tenn	Luke D Roddey .... 4242 Waterbury Dr, Charlotte, NC	
Tex	Charles Lucas Sales Co .... Box 6556, Dallas 16, Tex	
Utah	R G Bowen Co .... 721 S. Broadway, Denver 9, Colo	
Vt	Hetherington Sales Co .... 97 Bogle St, Weston 93, Mass	
Va	Luke D Roddey .... 4242 Waterbury Dr, Charlotte, NC	
Wash	Dale G Weber Co .... 8 S.E. Clay St, Portland 14, Ore	
W. Va	Schroeder Sales Co .... 2309 Prospect Ave, Cleveland 15, Ohio	
Wis	E N Severson .... 11435 Circle Dr, LaGrange, Ill.	
Wyo	R G Bowen .... 721 S. Broadway, Denver 9, Colo	

THWING-ALBERT INSTRUMENT CO 5351 Pulaski Ave, Philadelphia 44, Pa.. VI8-7200
J Fuchet #8 *100 D 895-1795

TIBBETTS INDUSTRIES INC .... Colcord Ave. Camden, Me CE6-3366
#5 *110 D 1130

TICKLE ENGINEERING WORKS, A .. 21 Delevan St, Brooklyn, NY........... MA5-4200
N Harvey *300 E 233

TIMBER-TOP INC .... 38 Brooklyn Ave, Freeport, NY......... FR9-0350
W Fischer #2 *4 A 285-790

TERR	Office	Tel. No.
Canada	Muirhead Instruments Ltd .... Stratford, Ontario, Canada	3717

TIMES WIRE & CABLE DIV INT SILVER CO .... 358 Hall Ave. Wallingford, Conn........ CO9-3385
190-1960

TERR	Office	Tel. No.
Ala	V Avis McCorvey Co .... 105 N. Howard Ave, Decatur, Ga	DR6-6167
Ariz	Frank A Emmet Co .... 1[illegible] Fair Oaks Ave, S. Pasadena, Cal ..	MU2-3721
Ark	Harry D Edmiston Co .... 2717 Swiss Ave, Dallas, Tex	TA7-2853
Cal	Frank A Emmet Co .... 18[illegible] Fair Oaks Ave, S. Pasadena, Cal ..	MU2-3721
Cal	Arthur L Reiter Co .... P.O. Box 544, Menlo Park, Cal	DA1-4332
Colo	Inland Associates .... 1[illegible] Hoyt St, Lakewood, Colo	BE7-6[illegible]1
Conn	J F Kerrigan & Co .... P.O. Box 616, Hamden, Conn	AT8-2000
DC	C William Frederick Jr .... 800 W. Washington St, Norristown, Pa ..	BR9-7840
DC	Technical Representation .... 2[illegible] E. Easton Rd, Glenside, Pa	TU7-1325
Del	C William Frederick Jr .... 800 W. Washington St, Norristown, Pa ..	BR9-7840
Fla	V Avis McCorvey Co .... 105 N. Howard Ave, Decatur, Ga	DR6-6167
Ga	V Avis McCorvey Co .... 105 N. Howard Ave, Decatur, Ga	DR6-6167
Ind	Ellinger Sales .... Ft. Wayne, Ind	EA7-1791
Idaho	Shaffer & Nelson Co .... 3[illegible] Occidental Ave, Seattle 4, Wash ...	MU2-0[illegible]
Iowa	Ellinger Sales .... 6540 Northwest Hwy, Chicago 31, Ill	RO3-1570
Ill	Ellinger Sales .... 6540 Northwest Hwy, Chicago 31, Ill	RO3-1570

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ky	Ellinger Sales	Ft. Wayne, Ind	EA7-1790
Kan	Ellinger Sales	6540 Northwest Hwy, Chicago 31, Ill	RO3-1570
La	Harry O Edmiston Co	2717 Swiss Ave, Dallas, Tex	TA7-2853
Me	J F Kerrigan & Co	P.O. Box 6016, Hamden, Conn	AT8-2200
Md	C William Frederick Jr	800 W. Washington St, Norristown, Pa	BR9-7560
Md	Technical Representation	200 S. Easton Rd, Glenside, Pa	TU7-1325
Mass	J F Kerrigan & Co	P.O. Box 6016, Hamden, Conn	AT8-2200
Mich	Duncan-Cowan Co	22129 Grand River Ave, Detroit 19, Mich	KE5-7700
Miss	V Avis McCarvey Co	105 W. Howard Ave, Decatur, Ga	DR6-6167
Mo	Ellinger Sales	6540 Northwest Hwy, Chicago 31, Ill	RO3-1570
Mont	Shaffer & Nelson Co	312 Occidental Ave, Seattle 4, Wash	MU2-0186
Neb	Ellinger Sales	6540 Northwest Hwy, Chicago 31, Ill	RO3-1570
Nev	Frank A Emmet Co	2810 Fair Oaks Ave, S. Pasadena, Cal	MU2-3721
Nev	Arthur L Bolton Co	P.O. Box 944, Menlo Park, Cal	DA1-4332
NH	J F Kerrigan & Co	P.O. Box 6016, Hamden, Conn	AT8-2200
NJ	C William Frederick Jr	800 W. Washington St, Norristown, Pa	BR9-7560
NJ	W R Pyat Co	160 Woodbine Ct, Floral Park, NY	FL2-1742
NJ	Technical Representation	200 S. Easton Rd, Glenside, Pa	TU7-1325
NY	W R Pyat Co	160 Woodbine Ct, Floral Park, NY	FL2-1742
NY	J P Scanlon Co	51 Bloomfield Pl, Rochester 20, NY	GR3-7563
NC	V Avis McCarvey Co	105 W. Howard Ave, Decatur, Ga	DR6-6167
Ohio	O & H Sales Co	Rosetown Center Bldg, Cinn 37, Ohio	JE1-0563
Okla	Harry O Edmiston Co	2717 Swiss Ave, Dallas, Tex	TA7-2853
Ore	Arthur L Bolton Co	P.O. Box 944, Menlo Park, Cal	DA1-4332
Ore	Shaffer & Nelson Co	312 Occidental Ave, Seattle 4, Wash	MU2-0186
Ore	Shaffer & Nelson	1000 S. E. Water Ave, Portland, Ore	
Pa	C William Frederick Jr	800 W. Washington St, Norristown, Pa	BR9-7560
Pa	Technical Representation	200 S. Easton Rd, Glenside, Pa	TU7-1325
RI	J F Kerrigan & Co	P.O. Box 6016, Hamden, Conn	AT8-2200
SC	V Avis McCarvey Co	105 W. Howard Ave, Decatur, Ga	DR6-6167
Tenn	V Avis McCarvey Co	105 W. Howard Ave, Decatur, Ga	DR6-6167
Tex	Harry O Edmiston Co	2717 Swiss Ave, Dallas, Tex	TA7-2853
Utah	Inland Associates	1460 Hoyt St, Lakewood, Colo	BE7-6881
Vt	J F Kerrigan & Co	P.O. Box 6016, Hamden, Conn	AT8-2200
Va	C William Frederick Jr	800 W. Washington St, Norristown, Pa	BR9-7560
Va	Houser Associates	209 Water St, Falls Church, Va	HI2-3150
Wash	Shaffer & Nelson Co	312 Occidental Ave, Seattle 4, Wash	MU2-0186
Wisc	Ellinger Sales	6540 Northwest Hwy, Chicago 31, Ill	RO3-1570
Wyo	Inland Associates	1460 Hoyt St, Lakewood, Colo	BE7-6881

TIMKEN ROLLER BEARING CO — 1835 Dueber Ave, S.W., Canton, Ohio — GL3-4511
*20,000 G 75-1125-1885

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Timken Roller Bearing Co	10 Office Park Cir, Birmingham 9, Ala	TR1-5172
Cal	Timken Roller Bearing Co	2727 S. Flower St, Los Angeles 7, Cal	RI7-4141
Colo	Timken Roller Bearing Co	2140 E 45th Ave, Denver 16	AM6-0275
DC	Timken Roller Bearing Co	601 Transportation Bldg, Wash. 6, DC	RE7-6080
Ga	Timken Roller Bearing Co	1307 Williams St NW, Atlanta 9	TR5-5556
Ill	Timken Roller Bearing Co	4647 W. 47th St, Chicago 32, Ill	PO7-7700
Ill	Timken Roller Bearing Co	1518 5th Ave, Moline	2-5511
Mass	Timken Roller Bearing Co	50 N. Beacon St, Boston 34, Mass	AL4-3701
Mich	Timken Roller Bearing Co	16101 Schaefer Hwy, Detroit 35, Mich	VE8-2626
Minn	Timken Roller Bearing Co	1104 Glenwood Ave, Minneapolis 5	FR4-4810
Mo	Timken Roller Bearing Co	2100 S. Vandeventer Ave, St. Louis 10, Mo	MO4-4724
NY	Timken Roller Bearing Co	250 Broadway, New York 38, NY	WO2-1800
NY	Timken Roller Bearing Co	2960 Main St, Buffalo 14	TF6-6400
Ohio	Timken Roller Bearing Co	1718 Tennessee Ave, Cincinnati 29, Ohio	EL1-1100
Ohio	Timken Roller Bearing Co	3605 Lee Rd, Shaker Hts, Cleveland 20	WY1-6100
Ohio	Timken Roller Bearing Co	1025 Cleveland Ave, Columbus 3, Ohio	AX1-3161
Pa	Timken Roller Bearing Co	3121 W. Hunting Park Ave, Philadelphia	BA3-6006
Pa	Timken Roller Bearing Co	2180 Noblestown Rd, Pittsburgh 5, Pa	WA2-0931
Tenn	Timken Roller Bearing Co	880 S. 3rd St, Memphis 6, Tenn	JA7-7976
Tex	Timken Roller Bearing Co	2900 Canton St, Dallas 26, Tex	MA7-4981
Wash	Timken Roller Bearing Co	305 9th Ave, N. Seattle 9, Wash	MA3-1500

TINGSTOL CO — 1340 W. Fullerton, Chicago 14, Ill — WE5-4422
215-290-345-420-975-995-1290-1475-1785-1890

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Minn	Mel Foster	2402 Hennepin, Mnpls, Minn	FR4-2612
NY	Eliot Schwartzman	135 Shelby Blvd, New Hyde Park, NY	MU2-6381
NY	Dynatherm Inc	107 N. Commercial St, E. Rochester, NY	HO5941
Ohio	Geo L Herrick Co	15326 Lorain Ave, Cleveland, Ohio	WI1-4406

TINNERMAN PRODUCTS, INC. — Dept. 16, Box 6688, Cleve 1, Ohio — SH1-9300
E Griger 285-645-1120-1205

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	Tinnerman Prod. Inc	353-1/2 N. LaBrea Ave. LA 36	WE8-6149
Cal	Emil Wachtel	1921 University Ave, Palo Alto	DA1-2430
Ill	Tinnerman Prod. Inc	5637 W. Diversey Ave, Chicago 39	TU9-6464
Mich	Tinnerman Prod. Inc	132 N. Burdick St, Kalamazoo	FI9-3300
Mich	Tinnerman Prod. Inc	17580 Wyoming Ave, Detroit 21	UN2-7900
Minn	E R Benson Co	2655 University Ave, St. Paul 14	MI4-5197
Mo	Tinnerman Prod. Inc	7530 Forsythe Blvd, St. Louis 5	PA5-1182
NJ	Tinnerman Prod. Inc	160 Halsted St, E. Orange	OR2-3313
NY	Tinnerman Prod. Inc	42 East Ave, Rochester 4	HA6-3890
Ohio	Tinnerman Prod. Inc	1717 Section Rd, Cinc 37	RE1-4457
Pa	Tinnerman Prod. Inc	326 W. Chelten Ave, Phila 44	VI3-8222
Tenn	Molloy Sales	Box 3207, Knoxville	522-5911
Tex	O H Hood	Box 12027, Fort Worth	WA6-1381
Wis	Tinnerman Prod. Inc	4028 N. Wilson Dr. Milwaukee 11	ED2-8200

TITAN METAL MFG. CO. DIV. CERRO CORP — Bellefonte, Pa — EL5-4712
R Lightner *1,100 G 1120-1125

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Marion T Davis & Co	595 Wimbledon Rd, N.E. Atlanta 9, Ga	TR5-6474
Alaska	David Tanzman	70 Pine St, New York 5, NY	WH3-0365
Ariz	Paul R Spencer & Co	4201 Brighton Blvd, Denver 16, Colo	KE4-3293
Ark	Dan H Nordstrom	1345 W. Hurst Blvd, Fort Worth, Tex	AT4-2642
Cal	Conrad F Wiw	315 W. 9th St, Los Angeles 15, Cal	MA7-4586
Cal	David Winslow Co	25 California St, San Francisco 11, Cal	YU2-0544
Colo	Paul R Spencer & Co	4201 Brighton Blvd, Denver 16, Colo	KE4-3293
Conn	C G Anderson & J W Fleming	1367 Main St, Springfield 3, Mass	RE9-3895
DC	C F Leeman Jr	Broadway & Cooper Sts, Camden 2, NJ	EM1-0480
Fla	Marion T Davis & Co	595 Wimbledon Rd, N.E., Atlanta 9, Ga	TR5-6474
Ga	Marion T Davis & Co	595 Wimbledon Rd, N.E., Atlanta 9, Ga	TR5-6474
Hawaii	David Tanzman	70 Pine St, New York 5, NY	WH3-0365
Idaho	Paul R Spencer & Co	4201 Brighton Blvd, Denver 16, Colo	KE4-3293

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ill	H T Habermann	53 W. Jackson Blvd, Chicago, Ill	HA7-2215
Ill	W T O'Brien	111 S. Bemiston Ave, St. Louis 5, Mo	PA5-8222
Ill	B F Thompson	2200 S. Tibbs Ave, Indianapolis, Ind	CH4-8786
Ind	B F Thompson	2200 S. Tibbs Ave, Indianapolis, Ind	CH4-8786
Iowa	W T O'Brien	111 S. Bemiston Ave, St. Louis 5, Mo	PA5-8222
Kan	W T O'Brien	111 S. Bemiston Ave, St. Louis 5, Mo	PA5-8222
Ky	G L Furey	7374 Reading Rd, Cincinnati 37, Ohio	RE1-7741
Me	C G Anderson	1367 Main St, Springfield 3, Mass	RE9-3895
Md	C F Leeman Jr	Broadway & Cooper Sts, Camden 2, NJ	EM5-0480
Mass	C G Anderson & J W Fleming	1367 Main St, Springfield 3, Mass	RE9-3895
Mich	R E Kurtz	19250 James Couzens Hwy, Detroit, Mich	UN4-9473
Minn	L C Newton Inc	2295 University Ave, St. Paul 14, Minn	MI5-4637
Mo	W T O'Brien Jr	111 S. Bemiston Ave, St. Louis 5, Mo	PA5-8222
Mont	Paul R Spencer & Co	4201 Brighton Blvd, Denver 16, Colo	KE4-3293
Neb	W T O'Brien Jr	111 S. Bemiston Ave, St. Louis 5, Mo	PA5-8222
Nev	Paul R Spencer & Co	4201 Brighton Blvd, Denver 16, Colo	KE4-3293
NH	C G Anderson & J W Fleming	1367 Main St, Springfield 3, Mass	RE9-3895
NJ	Hooper Byrne Co	464 Bloomfield Ave, Montclair, NJ	PL4-6666
NJ	C F Leeman Jr	Broadway & Cooper Sts, Camden 2, NJ	WO6-0480
NM	Paul R Spencer & Co	3342 Del Rio Rd, S.W., Albuquerque, NM	CH2-4127
NY	Hooper Byrne Co	464 Bloomfield Ave, Montclair, NJ	CO7-6270
NY	C E Gartalick	25 North St, Rochester 4, NY	HA6-1490
NY	J W Fleming	1367 Main St, Springfield 3, Mass	RE9-3895
NC	C L Miller	Elm & Washington Sts, Greensboro, NC	BR2-4123
ND	L C Newton Inc	2295 University Ave, St. Paul 14, Minn	MI5-4637
Ohio	F D Haigh	2525 Juniper Dr, Toledo 14, Ohio	EV2-8421
Ohio	F T Clum	708 Coleman Rd, Mansfield, Ohio	LA4-0550
Ohio	L H Mikesell & G L Furey	7374 Reading Rd, Cincinnati 37, Ohio	RE1-7741
Okla	Dan Nordstrom	1345 W. Hurst Blvd, Fort Worth, Tex	AT4-2642
Ore	James T Hansen Co	333 Taylor Ave Bldg, Seattle 9, Wash	AT3-8101
Pa	C E Gartalick	25 North St, Rochester 4, NY	HA6-1490
Pa	C F Leeman Jr	Broadway & Cooper Sts, Camden 2, NJ	WA2-4800
RI	C G Anderson	1367 Main St, Springfield 3, Mass	RE9-3895
SC	Marion T Davis & Co	595 Wimbledon Rd, N.E., Atlanta 9, Ga	TR5-6474
SD	L C Newton Inc	2295 University Ave, St. Paul 14, Minn	MI5-4637
Tenn	Marion T Davis & Co	595 Wimbledon Rd, N.E., Atlanta 9, Ga	TR5-6474
Tenn	L H Mikesell	7374 Reading Rd, Cincinnati 37, Ohio	RE1-7741
Tex	Dan Nordstrom	1345 W. Hurst Blvd, Fort Worth, Tex	AT4-2642
Utah	Paul R Spencer & Co	2530 S. State St, Salt Lake City, Utah	IN6-3406
Vt	J W Fleming	1367 Main St, Springfield 3, Mass	RE9-3895
Va	C L Miller	Elm & Washington Sts, Greensboro, NC	BR2-4128
Wash	James T Hansen Co	333 Taylor Ave Bldg, Seattle 9, Wash	AT3-8101
W. Va	C L Miller	Elm & Washington Sts, Greensboro, NC	BR2-4128
W. Va	L H Mikesell	7374 Reading Rd, Cincinnati 37, Ohio	RE1-7741
Wisc	H T Habermann	53 W. Jackson Blvd, Chicago, Ill	HA7-2215
Wyo	Paul R Spencer Co., Inc	4201 Brighton Blvd, Denver 16, Colo	KE4-3293

TITEFLEX INC. — 534 Hendee St, Springfield, Mass — RE9-5631
E Rosberg #20 *450 190-285-345-795-1290-1885-1965

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	Titeflex Inc	3106 Broadway, Santa Monica, Cal	EX3-0525

• **TODD ELECTRIC CO., INC** — 6 Brook St, Yonkers, NY — YO3-8850
320-1855

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Conn	Nelson Wells	19 Chatham Dr, S. Norwalk, Conn	TE8-1111
Me	Eastern Electronic Sales Corp	145 University Rd, Brookline, Mass	AS7-5675
Mass	Eastern Electronic Sales Corp	145 University Rd, Brookline, Mass	AS7-5675
NH	Eastern Electronic Sales Corp	145 University Rd, Brookline, Mass	AS7-5675
NJ	S A Shaw Co	365 Central Park Ave, Yonkers, NY	YO3-5700
NY	S A Shaw Co	365 Central Park Ave, Yonkers, NY	YO3-5700
Ohio	Winslow Electric Co	273 Main St, Chagrin Falls, Ohio	CH7-8987
Pa	Winslow Electric Co	Land Title Bldg, Philadelphia, Pa	RI6-1846
Vt	Eastern Electronic Sales Corp	145 University Rd, Brookline, Mass	AS7-5675

• **TOKYO DENKI SEIKI CO. LTD** — 11, 2-chome, Nakamachi, Kanda, Chiyoda-ku, Tokyo, Japan — 251-9186
446 *185 C 895-1135-1465

• **TOKYO SHIBAURA ELECTRIC CO. LTD** — 2, Ginza Nishi 5-chome, Chuo-ku, Tokyo, Japan — 501-6211
H Nagle *50,000 G 895-1135-1165-1855-1860-1880

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
NY	Tokyo Shibaura Electric Co, Ltd	11 W 42nd St, New York 36, NY	OX5-5720
For	Tokyo Shibaura Electric Co, Ltd	Juncal 2744 4-B, Buenos Aires, Arg	82-2407
For	Tokyo Electric Co, Ltd	Rua da Assembleia 61-6, Andar, Rio de Janeiro, Braz	42-9711
For	Tokyo Shibaura Electric Co, Ltd	30/49 Chanakyapuri, New Delhi-1, India	32914

TOLEDO SCALE DIV. TOLEDO SCALE CORP — 5225 Telegraph Rd. Toledo 12, Ohio — GR5-4441
J McLellan *1100 G 360-895

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	Toledo Scale Corp	1115 S. Hope St, LA 15	
Del	Toledo Scale Corp	Box 1202, Wilmington 2	
DC	Toledo Scale Corp	Box 4546, Wash. 17	
Ga	Toledo Scale Corp	Box 8241, Atlanta 8	
Ill	Toledo Scale Corp	2033 S. Michigan Ave, Chicago 16	
Ind	Toledo Scale Corp	1413-1421 E. Riverside Dr. Indpls	
Iowa	Toledo Scale Corp	1411 2nd Ave, Des Moines	
Ky	Toledo Scale Corp	2318 Brownsboro Rd, Louisville	
Md	Toledo Scale Corp	Box 1954, Baltimore	
Mass	Toledo Scale Corp	79 Lincoln St, Boston 35	
Mich	Toledo Scale Corp	15800 Schaefer Rd, Detroit 27	
Minn	Toledo Scale Corp	2855 University Ave, Mpls	
Mo	Toledo Scale Corp	808 S. Grand Blvd, St. Louis	
Neb	Toledo Scale Corp	2802 Farnam St, Omaha 2	
NJ	Toledo Scale Corp	45 E. Centre St, Nutley	
NY	Toledo Scale Corp	43-25 Hunter St, Long Island 1	
NC	Toledo Scale Corp	Box 2477, Charlotte	
Ohio	Toledo Scale Corp	1624 St. Clair Ave, Cleve 14	
Ore	Toledo Scale Corp	1405 SE, 14th St, Portland	
RI	Toledo Scale Corp	502 Cranston St, Providence	
Tex	Toledo Scale Corp	1114 Taft St, Houston	
Va	Toledo Scale Corp	Box 6187, Richmond 30	
Wis	Toledo Scale Corp	1347 N. N. Ave, Milwaukee 5	

TOPATRON, INC — 11601 Anabel Ave. Garden Grove, Cal — JE4-0450
L Appleman #2 *20-50 D 180-255-590-1135-1575

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ariz	R A Mayes Co	6601 "B" Montana, El Paso, Tex	PR8-2825
Cal	Cerruti & Associates	P O Box 21, Redwood City	EM9-3354
Colo	The Hiebert Co	5595 W. Iowa Ave, Denver 14, Colo	WA2-1973
Idaho	Rush Drake Associates Inc	P.O. Box 2135, Idaho Falls, Idaho	JA2-7952
Mont	Rush S Drake Associates	1817 Norman St, Seattle 44, Wash	EA3-8545
Nev	Cerruti & Associates	P O Box 21, Redwood City, Cal	EM9-3354
NM	R A Mayes Co	6601 "B" Montana, El Paso, Tex	PR8-2825
Ore	Rush Drake Associates Inc	1817 Norman St, Seattle 44, Wash	EA3-8545
Tex	R A Mayes Co	6601 "B" Montana, El Paso	PR8-2825
Utah	Hiebert Co., The	5595 W Iowa Ave, Denver 14, Colo	WA2-1973
Wash	Rush S Drake Associates	1817 Norman St. Seattle 44	EA3-8545
Wyo	Hiebert Co., The	5595 W Iowa Ave. Denver 14, Colo	WA2-1373

TOPAZ TRANSFORMER PRODS. INC — 7460 Girard Ave. La Jolla, Cal — GL4-4271
L Wilson Jr #4 *30 C 250-1855

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ariz	Howe & Howe	Box 10497, Phoenix, Ariz	AM5-0185
Cal	Cerruti & Assoc	841 Woodside Rd, Redwood City	EM9-3354
Colo	Duane Electronics	10869 Carol Ln, Denver 29	IN6-3793
DC	Brinsberg Assoc	721 Investment Bldg, Wash 5	DI2-8000
Ill	Ridgeway Assoc. Inc	4330 W. N. Ave, Chicago 39	TU9-5715
Ind	Ridgeway Assoc. Inc	1224 N. Capitol Ave, Indpls 2	ME5-2410
Mass	Saunders & Co	8 Prospect St, Waltham 54	TW4-6771
NJ	Central Assoc	44 N. Dean St, Englewood	LO8-0808
NY	Central Assoc	44 N Dean St, Englewood, NJ	PH6-1577
NY	D B Assoc. Inc	3007 Erie Blvd. E. DeWitt 14	GI6-0220
Pa	L C Fuller, Jr	32 Rittenhouse Pl, Ardmore	MI2-2468
Tex	Campion Sales Co	9002 Chancellor Row, Dallas 35	FL7-4095
Wash	Fred H Haight Co	3212 Eastlake, Seattle 2, Wash	EA2-1818

TOPFLIGHT CORP — 160 E 9th Ave, York, Pa — 8-1541
W Seangler #3 *80 E 435-965-1190-1295-1755

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	Downey Co, The	165 Jessie St, San Francisco	
Conn	Albert Stickney, Jr	Box 23, Leetes Island Rd, Guilford	GL3-9111
Fla	H D Schweiger	325 NE 122nd St, N Miami	MU5-3823
Ga	J W Alston, Jr	1895 Cumberland Rd, Atlanta	
Haw	Bernard Weinberg	Box 1807, Honolulu 5	
Ill	Topflight Corp	221 N LaSalle St, Chicago 1	DE2-7359
Ind	Harlan Johnson	126 S Delaware St, Indianapolis	WA3-1984
Kan	L B Chapman	3657 Main St, Kansas City 11, Mo	VA1-3675
Me	D F Lockhart	PO Box 2, Auburn	ST2-4612
Md	T M Richardson	626 Chestnut St, Towson 4	VA3-5088
Mass	R Gari	150 Grant St, Boston	LI2-7171
Mich	E W Beck	19334 Sussex, Detroit 35	
Minn	D C Hey Co	2110 Nicollet Ave, Minneapolis 4	FE8-6785
Mo	J C Coleworthy	3171 Parkside Dr, Brentwood 17	CH1-4851
NH	Rube Gerr	1060 Elm St, Manchester	NA2-9347
NJ	C H Leonard	32 St. Lukes Pl, Montclair	PI4-0961
NY	Topflight Corp	10 E 40th St, NY 16	MU4-0106
Ohio	W J Ottinger	7015 Wellesley Dr, Toledo 6	GR5-0517
Ore	Ad-Tape Specialty Co	4205 SW 109th Ave, Beaverton	MI4-4277
Pa	R B Rowland	Chestnut & Juniper Sts, Philadelphia	KI6-2022
RI	V H LaBonne Co	86 Weybosset St, Providence	UN1-7026
Tenn	Clyde Pierce	201 W 8th St, Chattanooga	AM7-7797
Vt	E H Gaston	Maple Hill, Shaftsbury	DR5-2249
Va	G T Hewitt	126 E 39th St, Norfolk 4	MA2-4034
Wis	A T Schmidt	7437 Kenwood Ave, Milwaukee 13	GL3-2141

TOPP INDUSTRIES INC — 5221 W. 102 St, Los Angeles 45, Cal — SP6-0450
14-45-150-190-255-310-325-338-340-350-365-475-795-820-895-915-1165-1330-1425-1475-1480-1625-1655-1735-1810-1830-1845-1850-1870

TOPPER MFG CO., INC — 84-56 Parsons Blvd, Jamaica 32, NY — AX7-5742
F Davidson #6 *40 B 180-185-240-265-320-360-895-900-1125-1135-1290-1330-1475-1890-1960

TORK TIME CONTROLS INC — 32 Grove St, Mt. Vernon, NY — MO4-3542
D White #2 *90 E 360-1810

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	Allied Industries	412 Seaton St, Los Angeles, Cal	MA8-2214
Cal	Fred Benz	520 4th St, San Francisco, Cal	YU2-4313
Colo	Lloyd Reed	1019 Lawrence St, Denver, Colo	AL5-1777
Conn	Dan Patton	47 Applewood Dr, Meriden, Conn	BE5-8060
DC	Vic Miller	P.O. Box 636, Washington, DC	AP7-1877
Fla	John McMartel	49 N.E. 22nd St, Miami, Fla	FR9-8122
Ga	Vallye Brenfield	3081F Roswell Rd, N.E., Atlanta, Ga	CE3-3658
Hawaii	Matt Cadd	1283 Kukila St, Honolulu, Hawaii	
Ill	Bob Kanter	4518 Jackson, Chicago, Ill	LA4-5684
Kan	Richard Mercer	1813 Walker St, Kansas City, Kan	MA1-5405
Kan	Walter Zimmerman	3413 E. Murdock, Wichita, Kan	MU3-3161
La	Fred Goldridge	302 Carnes Bldg, New Orleans, La	JA5-8258
Mass	Jack Fay	933 E. 2nd St, S. Boston, Mass	AN8-6483
Mich	Bob Gardner	20540 Lyndon St, Detroit, Mich	KE1-1658
Minn	Russ Gerde	2618 E 28 St, Minneapolis	PA1-5728
Mo	Carl Proebel	1246 Hampton Ave, St. Louis, Mo	MI7-1232
NJ	R John Brask	30 Vincent St, Chatham, NJ	ME5-6365
NY	Leslie Dateman	East Lake Rd, Skaneateles	OV5-6071
NY	Dick Beller	18 Old Farm Rd, Roslyn Heights	MA1-5378
NC	Wilson Byrd	2505 Sullivan St, Greensboro, NC	BR3-5932
Ohio	Cable-Hight Co	1800 Euclid Ave, Cleveland, Ohio	SU1-7027
Pa	Harry Arschwitz	113 N. 23rd St, Philadelphia, Pa	LO4-0872
Pa	Gayle Lewis	P.O. Box 224, Bethel Park, Pittsburgh	TE5-8182
Tex	Burrus & Matthews	2810 Canton St, Dallas, Tex	RI1-4241
Tex	Burrus & Matthews	1116 Nagle St, Houston, Tex	CA7-4073
Utah	Stevens Sales Co	1482 Major St, Salt Lake City, Utah	IN7-5488
Wash	Abbott Electric Co	925 Westlake Ave, N., Seattle, Wash	AT4-0307
Wash	Fred Schatt	2103 Western Ave, Seattle	MA4-8744
Canada	Dominion Electric Mfg Co., Ltd	60 Leslie St, Toronto, Ontario, Canada	

TORNGREN CO., INC., C W — 236 Pearl St, Somerville 45, Mass — MO6-3250
K Casavant #3 *55 D 45

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Fla	Erickson Metal Products	Box 828, Largo, Fla	JU4-1171
Ohio	Winton-Dobson Co	614 Western Res Bldg, Cleveland, Ohio	MA1-0877
Pa	Joseph Odenwald	204 N. Chester Pike, Glenolden, Pa	LU6-9400

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
•	**TOROCOIL CO**	**1211 N. Chestnut Ave, Arlington Hts, Ill**	**CL5-1766**
	J Cromp #2 *4 A 320-895-1830		
	TOROIDAL COMPONENTS CO	**1374 E. Walnut St, Pasadena, Cal**	**SY5-7123**
	J Onishe #2 *10 B 1830-1855		
Ariz	Carl Hower & Co	340 N. Marshal Ave, Scottsdale, Ariz	WH5-2471
	TOROIDS UNLIMITED INC	**3830 Terrace St, Phila 28, Pa**	**IV2-7170**
	I Groves #1 *10 A 275-320-895-1830-1855		
Ind	John Lee	2010 Carew Tower, Cincinnati 2, Ohio	CH1-1844
Ky	John Lee	2010 Carew Tower, Cincinnati 2, Ohio	CH1-1844
Mo	John Durbin Co	Box 5[illegible], St Louis 35	JA1-1233
NJ	O Marchand	312 Academy St, Jersey City, NJ	OL6-0643
NY	O Marchand	312 Academy St, Jersey City, NJ	OL6-0643
NY	J V Costello	639 S Warren St, Syracuse	HA2-0532
Ohio	John Lee	2010 Carew Tower, Cincinnati 2, Ohio	CH1-1844
Tenn	John Lee	2010 Carew Tower, Cincinnati 2, Ohio	CH1-1844
•	**TOROTEL INC**	**5512 E. 110th, Kansas City 37, Mo**	**SO1-6314**
	D Sizemore #4 *60 D 320-338-450-475-670-895-915-1125-1145-1420-1455-1460-1855		
Ala	Threlkeld-Duckett Assoc	Box 733, Birmingham	TE1-6642
Ariz	George W Kuehnle	708 E 9th St, Tucson	EA5-8725
Ariz	Kay Co	708 E. 9th St, Tucson, Ariz	EA5-8725
Ark	Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18, Tex	DA1-6579
Colo	Howard Shalla	1871 S Broadway, Denver 10	PE3-6[illegible]
Conn	Henry Lavin Associates	P.O. Box 1[illegible], Meriden, Conn	BE7-5527
Fla	Smith-Duckett Assoc	Box 1016, Stuart	AT7-1252
Ga	Grady Duckett Sales	P.O. Box 11657, Atlanta, Ga	
Idaho	Rowley Brovette, Inc	955 Folsom Ave, Salt Lake City, Utah	
Ill	The Gorman Co	7001 N. Clark St, Chicago 26, Ill	RO4-6366
Ind	Delta Sales	2136 E. 52nd St, Indianapolis 5, Ind	CL1-3554
Iowa	Howard A Cullen & Assoc	3424 E Lake St, Minneapolis 6, Minn	PA4-3988
Iowa	The Gorman Co	7001 N. Clark St, Chicago 26, Ill	RO4-6366
Kan	Lee Mark Associates	P.O. Box 8467, Kansas City 14, Mo	JA3-9299
Ky	Delta Sales	2136 E. 52nd St, Indianapolis 5, Ind	CL1-3554
Ky	Delta Sales, Inc	1126 Broadfields Dr. Louisville	TW5-8301
Me	Henry Lavin Associates	82 Curve St, Needham, Mass	HI4-3146
Mass	Henry Lavin Associates	82 Curve St, Needham, Mass	HI4-3146
Mich	R C Nordstrom & Co	218 Briggs Bldg, Birmingham	JO4-6129
Minn	Howard A Cullen & Assoc	3424 E Lake St, Minneapolis 5	PA4-3988
Miss	Threlkeld-Duckett Associates	P O Box 733, Birmingham, Ala	TE1-6642
Mo	Lee Mark Associates	P.O. Box 8467, Kansas City 14, Mo	JA3-9299
Neb	Leemark Associates	P.O. Box 8467, Kansas City 14, Mo	JA3-9299
NH	Henry Lavin Associates	P.O. Box 196, Meriden, Conn	BE7-5527
NJ	Paul D Aaron	Port Wash Blvd, Port Wash, NY	PO7-8480
NY	Naylor Electric Co	101 Jefferson Ave, Endicott	ST5-5972
NY	Naylor Electric Co	1710 E. Erie Blvd, E., Syracuse 3, NY	GR2-3123
NY	Paul D Aaron	Port Wash Blvd, Port Washington, NY	PO7-8480
NC	Fanning Duckett Associates	P O Box 11402, Charlotte	JA3-6537
Ohio	Robert O Whitesell & Associates	6620 E. Washington St, Indpls 19, Ind	FL9-5374
Ohio	Robert O Whitesell & Associates	P.O. Box 5, Westlake, Ohio	SU1-1655
Ohio	Robert O Whitesell & Associates	2208 Losantiville Ave, Cincinnati, Ohio	ME1-5011
Ohio	Robert O Whitesell & Associates	2600 Far Hills Bldg, Dayton, Ohio	AX9-4251
Okla	Gordon V Peck Co	321 S Allegheny, Tulsa 12	TE5-5484
Ore	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	SE6650
Pa	Robt O Whitesell & Assoc	P.O. Box 5, Westlake, Ohio	SU1-1655
RI	Henry Lavin Associates	P.O. Box 196, Meriden, Conn	BE7-5527
SC	Grady Duckett	P.O. Box 11657, Atlanta, Ga	
SC	Fanning Duckett Assoc	P O Box 11402, Charlotte, NC	JA3-6537
Tenn	Giddings-Duckett Associates	P O Box 11657, Atlanta, Ga	CE3-5398
Tex	Gordon V Peck Co	130 Casa Linda Plaza, Dallas 18	DA1-6579
Tex	Gordon V Peck Co	4207 Bellaire Blvd, Houston 25	MO4-1435
Utah	Rowley Blovette, Inc	955 Folsom Ave, Salt Lake City	
Vt	Henry Lavin Associates	P.O. Box 196, Meriden, Conn	BE7-5527
Wash	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	SE6650
Wis	Howard A Cullen & Assoc	3424 E Lake St. Minneapolis 6, Minn	PA4-3988
•	**TOROTRON CORP**	**256 E 3rd St. Mt Vernon, NY**	**MO8-6900**
	A Abbott #12 *60 D 275-320-365-450-670-895-915-1420-1730-1830-1855		
Ariz	A A Dowers Co	2918 E Florence, Huntington Pk. Cal	LU2-5105
Ark	Campion Sales Co	9032 Chancellor Row, Dallas, Tex	FL7-4095
Cal	A A Dowers Co	2916 E Florence Ave. Huntington Pk	LU2-5105
Colo	Applied Engineering Products Corp	415 Felt Bldg, Salt Lake City 11, Utah	EM4-4942
Conn	Rob-Ren Assoc	Box 483, Waltham, Mass	TW3-9001
Fla	Alfred Carry, Inc	1418 Lake Daniel Dr. Orlando	GA4-8665
Idaho	Applied Engineering Products Corp	415 Felt Bldg, Salt Lake City, Utah	EM4-4942
Ill	Midwest Electronic Sales	3800 W North Ave. Chicago 47	CA7-3222
Ind	Midwest Electronic Sales	3800 W North Ave, Chicago 47, Ill	CA7-3222
Iowa	Midwest Electronic Sales	3800 W North Ave, Chicago 47, Ill	CA7-3222
La	Campion Sales Co	9032 Chancellor Row, Dallas, Tex	FL7-4095
Me	Rob-Ren Assoc	Box 483, Waltham, Mass	TW3-9001
Mass	Rob-Ren Assoc	Box 483, Waltham, Mass	TW3-9001
Mich	Electro-Rep	19881 Clairview Ct, W, Grosse Pte Woods	TU1-1622
Minn	Heimann Co	1711 Hawthorne Ave. Minneapolis 3	FE2-5457
Mo	Zax & Associates	7730 Carondelet, St Louis 5	PA7-8559
Mont	M K Widmand Co	222 1st Ave. N, Seattle 9, Wash	EL6981
Neb	Heimann Co	1711 Hawthorne Ave. Minneapolis 3, Minn	FE2-5457
Nev	A A Dowers Co	2918 E Florence, Huntington Pk, Cal	LU2-5105
NH	Rob-Ren Assoc	Box 483, Waltham, Mass	TW3-9001
NJ	J N Barrett Assoc	810 Federal St, Camden 3	EM5-2680
NM	Applied Engineering Prod Corp	415 Felt Bldg, Salt Lake City 11, Utah	EM4-4942
ND	Heimann Co	1711 Hawthorne Ave. Minneapolis 3, Minn	FE2-5457
Ohio	Electro-Rep	19881 Clairview Ct. Grosse Pte Woods, Mich	TU1-1622
Okla	Campion Sales Co	9032 Chancellor Row, Dallas, Tex	FL7-4095
Ore	M K Widmand Co	222 1st Ave. N, Seattle 9, Wash	EL6981
RI	Rob-Ren Assoc	Box 483, Waltham, Mass	TW3-9001
SD	Heimann Co	1711 Hawthorne Ave. Minneapolis 3, Minn	FE2-5457
Tex	Campion Sales Co	9032 Chancellor Row, Dallas	FL7-4095
Utah	Applied Engineering Products Corp	415 Felt Bldg, Salt Lake City	EM4-4942
Vt	Rob-Ren Assoc	Box 483, Waltham, Mass	TW3-9001
Wash	M K Widmand Co	222 1st Ave. N, Seattle 9	EL6981
Wis	Midwest Electronic Sales	3800 W North Ave. Chicago 47, Ill	CA7-3222
Can	Whittaker Electronics Ltd	1171 Walnut Ave, Ottawa, Ont	PA2-8563
For	B Feuerberg, Inc	50 Rockefeller Plaza, NY 20, NY	PL7-9130
	TORQ ENGINEERED PRODUCTS INC	**28 W. Monroe St, Bedford, Ohio**	**BE2-4100**
	1735		
Cal	Hundley & Co	3282 Fletcher Dr, Los Angeles 65, Cal	
Conn	F Lawrence Moore	Rye Beach, NH	WO4-8551
Iowa	Thomas Neal	P.O. Box 66, Des Plaines, Ill	VA4-7310
Me	F Lawrence Moore	Rye Beach, NH	WO4-8551
Md	Technicraft	6722 Ridge Ave, Philadelphia 28, Pa	IV2-2323
Mass	F Lawrence Moore	Rye Beach, NH	WO4-8551
Minn	Thomas Neal	P.O. Box 66, Des Plaines, Ill	VA4-7310
NH	F Lawrence Moore	Rye Beach, NH	WO4-8551
NJ	Astro Mobile Products Corp	130 W. 42nd St, New York 36, NY	LO4-8270
NY	Astro Mobile Products Corp	130 W. 42nd St, New York 36, NY	LO4-8270
Ohio	Walter Zeiinger	P.O. Box 72, Parkman, Ohio	LI8-5373
Ohio	Technical Sales Associates	Talbott Tower, Dayton 2, Ohio	
Pa	Technicraft	6222 Ridge Ave, Philadelphia 28, Pa	IV2-2323
RI	F Lawrence Moore	Rye Beach, NH	WO4-8551
Wisc	Thomas Neal	P.O. Box 66, Des Plaines, Ill	VA4-7310
	TORRINGTON CO	**59 Field St, Torrington, Conn**	**HU2-4441**
	C Torkelson #75 *2600 C 75-185-240-345-380-645-790-995-1120-1125-1780-1825		
	TORRINGTON MFG CO SPECIALTY BLOWER DIV	**100 Franklin Dr, Torrington, Conn**	**HU2-4422**
	A Wilczewski #55 *700 D 105		
Cal	Arthur F Klonoski	16300 Roscoe Blvd, Van Nuys, Cal	EM2-0741
Conn	A E McDade	100 Franklin Dr, Torrington	HU2-4422
Ill	Michael D Conforti	6034 N. Cicero, Chicago, Ill	PE6-8600
	TORSION BALANCE CO	**35 Monhegan St, Clifton, NJ**	**GR3-6900**
	C Kasline #10 *140 E 1735		
Ariz	W E Zimmerman Co	407 N. Maple Dr, Beverly Hills, Cal	BR2-1181
Ark	Torsion Balance Co	224 S. Michigan Ave, Chicago 4, Ill	WA2-8130
Cal	W E Zimmerman Co	407 N. Maple Dr, Beverly Hills, Cal	BR2-1181
Colo	Fred A Pease Co	4921 E. 38th Ave, Denver 7, Colo	DU8-4643
Conn	Adolph Friedman Co	519 S. Fifth Ave, Mt. Vernon, NY	MO4-4866
Del	Wm M Jones Co., Inc	1107 Echo Ct, N., Towson 4, Md	VA3-2434
DC	Wm M Jones Co., Inc	1107 Echo Ct, N., Towson 4, Md	VA3-2434
Fla	Wm M Jones Co., Inc	711 Magnolia Ave, Orlando, Fla	GA4-6258
Ga	Wm M Jones Co., Inc	1437 Kenilworth Dr, S.W., Atlanta 11, Ga	PL5-5918
Idaho	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Ill	Bauman & Bluzat	2753 W. North Ave, Chicago 47, Ill	HU6-6109
Ill	Wm T McGary	6635 Delmar Blvd, St. Louis 5, Mo	PA5-6430
Ind	Bauman & Bluzat	2753 W. North Ave, Chicago 47, Ill	HU6-6109
Iowa	Bauman & Bluzat	2753 W. North Ave, Chicago 47, Ill	HU6-6109
Iowa	Wm T McGary	6635 Delmar Blvd, St. Louis 5, Mo	PA5-6430
Kan	Wm T McGary	6635 Delmar Blvd, St. Louis 5, Mo	PA5-6430
Ky	Torsion Balance Co	224 S. Michigan Ave, Chicago 4, Ill	WA2-8130
La	Torsion Balance Co	765 Market St, San Francisco, Cal	YU6-3962
Md	Wm M Jones Co., Inc	1107 Echo Ct, N., Towson 4, Md	VA3-2434
Mich	Bauman & Bluzat	2753 W. North Ave, Chicago 47, Ill	HU6-6109
Mich	Torsion Balance Co	224 S. Michigan Ave, Chicago 4, Ill	WA2-8130
Minn	Torsion Balance Co	224 S. Michigan Ave, Chicago 4, Ill	WA2-8130
Mo	Wm T McGary	6635 Delmar Blvd, St. Louis 5, Mo	PA5-6430
Mont	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Neb	Wm T McGary	6635 Delmar Blvd, St. Louis 5, Mo	PA5-6430
Nev	W E Zimmerman	407 N. Maple Dr, Beverly Hills, Cal	BR2-1181
NJ	Wm M Jones Co., Inc	1107 Echo Ct, N., Towson 4, Md	VA3-2434
NJ	Adolph Friedman Co	519 S. Fifth Ave, Mt. Vernon, NY	MO4-4866
NM	Fred A Pease Co	4921 E. 38th Ave, Denver 7, Colo	DU8-4643
NY	Adolph Friedman Co	519 S. Fifth Ave, Mt. Vernon, NY	MO4-4866
ND	Torsion Balance Co	224 S. Michigan Ave, Chicago 4, Ill	WA2-8130
Okla	Torsion Balance Co	224 S. Michigan Ave, Chicago 4, Ill	WA2-8130
Ore	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Pa	Wm M Jones Co., Inc	1107 Echo Ct, N., Towson 4, Md	VA3-2434
Pa	John B Anderson Co., Inc	209 W. Fifth Ave, Columbus 1, Ohio	AX9-9523
SC	Wm M Jones Co., Inc	1107 Echo Ct, N., Towson 4, Md	VA3-2434
SD	Torsion Balance Co	224 S. Michigan Ave, Chicago 4, Ill	WA2-8130
Tenn	Wm M Jones Co., Inc	1107 Echo Ct, N., Towson 4, Md	VA3-2434
Tex	Torsion Balance Co., The	28 37th Ave, San Mateo, Cal	FI1-8187
Tex	Torsion Balance Co	765 Market St, San Francisco, Cal	YU6-3962
Utah	Fred A Pease Co	4921 E. 38th Ave, Denver 7, Colo	DU8-4643
Va	Wm M Jones Co., Inc	1107 Echo Ct, N., Towson 4, Md	VA3-2434
Wash	Burt C Porter Co	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
W. Va	Wm M Jones Co., Inc	1107 Echo Ct, N., Towson 4, Md	VA3-2434
Wisc	Bauman & Bluzat	2753 W. North Ave, Chicago 47, Ill	HU6-6109
Wyo	Fred A Pease Co	4921 E. 38th Ave, Denver 7, Colo	DU8-4643
Canada	E E Whittaker	2137 Niagara Dr, Ottawa, Ontario, Can	CE4-4886
•	**TORVICO ELECTRONICS INC**	**Rt. 70, Lakewood, NJ**	**FO3-6363**
	H Riche #16 *165 E 275-320-365-470-585-895-905-915-1145-1340-1420-1455-1460-1540-1545-1830-1855		
Cal	T L Stevens Co	San Fernando Rd. Sun Valley	GH7-8716
Conn	J E Boeing Co. Inc	Box 151, Branford	ST7-0115
Ill	Harry W Gebhard Co	5129 W. Devon Ave, Chicago 30, Ill	
Kan	Thunderbird Eng Sls & Serv Inc	6405 E. Kellogg, Wichita, Kan	
Mass	John E Boeing Co., Inc	P.O. Box 235, Lexington 73, Mass	
Mo	Thunderbird Eng Sls & Serv Inc	7411 Carondelet Ave, St. Louis 5, Mo	
Mo	Thunderbird Eng Sls & Serv Inc	2826 Main St, Kansas City, Mo	
NY	H C Johnson Agencies	111 Mt. Hope Ave, Rochester 20, NY	
NY	H C Johnson Agencies	402 Niagara Falls Blvd, Buffalo 23, NY	
NY	H C Johnson Agencies	9 Iven Ln, Binghamton, NY	
NY	H C Johnson Agencies	P.O. Box 85, Brandywine Sta, Schenectady, NY	
NY	H C Johnson Agencies	404 E. Genesee St, Fayetteville, NY	
Ohio	Service Equipment Electronics Inc	4500 Euclid Ave, Cleveland 3, Ohio	
Pa	H C Johnson Agencies Inc	402 Niagara Falls Blvd. Buffalo 23, NY	TF2-4591
	TOWACO ELECTRONICS	**Pine Brook Rd, Towaco, NJ**	**DE4-4443**
	#3 *4 A 895		
	TOWER CONSTRUCTION CO	**2700 Hawkeye Dr, Sioux City, Iowa**	**2-3631**
	G Chasen #13 *250 F 45-190-1135-1170		
Cal	Tower Construction Co	1601 Mandeville Canyon, Los Angeles 49	GR2-2337
Kan	B D Momson	7939 Hemlock, Overland Park	NI8-3072
Mo	A N Ohlfest	3516 W. 48th St, Kansas City, Mo	SK1-4742
Pa	Earl Myers	6101 Joshua Rd, Whitemarsh, Pa	CH7-7122
	TOWSON LABS. INC	**200 E. Joppa Rd. Towson 4, Md**	**VA5-6341**
	C Barbour #5 *10 B 338-365		
•	**TOYO MUSEN CO. LTD**	**75 Wakabayashi-cho, Setagaku, Tokyo, Jap**	
	S Umeda #32 *450 C 895		
•	**TOYO TRADING CO. LTD**	**Box 999, Central Tokyo, Japan**	**241-5276**
	K Yabuta #20 *60 F 338-895-1165-1270-1855		
	TRACERLAB INC	**1601 Trapelo Rd, Waltham 54, Mass**	**TW4-6600**
	K Leander #109 *665 G 70-195-200-250-360-895-1400-1670-1880-1990		
Cal	Tracerlab Inc	7311 Van Nuys Blvd, Van Nuys, Cal	ST2-3180
Cal	Tracerlab Inc	2030 Wright Ave, Richmond 3, Cal	BE5-2633
DC	Tracerlab Inc	226 Mass. Ave, N.E., Wash 2, DC	LI7-6622
Ga	Tracerlab Inc	1640 Woodbine Ave, Atlanta 17, Ga	DR3-4913
Ill	Tracerlab Inc	325 W. Jackson Blvd, Chicago, Ill	HA7-8981
Mich	Tracerlab Inc	255 E. Nine Mile Rd, Ferndale 20, Mich	LI8-6250
Mo	Tracerlab Inc	4378 Lindell Blvd, St Louis 8, Mo	JE3-7555
NY	Tracerlab Inc	13 Orient Way, Lyndhurst, NJ	WE9-8080
Ohio	Tracerlab Inc	410 Oak St. Columbus 15	CA1-9210
Tex	Tracerlab Inc	2419 South Blvd, Houston 6, Tex	JA2-9401
Foreign	Tracerlab	N.V., Herengracht 242, Amsterdam-C, Holland	
	TRADE-WIND MOTORFANS INC DIV ROBBIN & MYERS, INC	**7755 Paramount Pl. Pico Rivera, Cal**	**RA3-3623**
	G Sleight 105		
	TRAK ELECTRONICS CO. INC	**49 Danbury Rd. Wilton, Conn**	**PO2-5521**
	M Jackson #20 *160 E 325-338-365-380-450-880-895-1135-1420-1425-1870		
	TRAK MICROWAVE CORP	**5006 N Coolidge Ave. Tampa 3, Fla**	**RE6-6422**
	G McCullagh #3 *7 B 895-1135		
Ariz	Wright Engineering Co	180 E California Blvd. Pasadena, Cal	MU1-8488
Cal	Wright Engineering Co	180 E California Ave. Pasadena	MU1-8488
Conn	John J Goode Associates	P O Box 176, Wellesley Hills 81, Mass	
Fla	Components Sales Corp	P O Box 178, N Miami Beach 62	WI5-7721
Me	John J Goode Assoc	P O Box 176, Wellesley Hills 81, Mass	CE5-0552
Mass	John J Goode Assoc	P O Box 176, Wellesley Hills 81	CE5-0552
Nev	Wright Engineering Co	180 E California Blvd. Pasadena, Cal	MU1-8488
NH	John J Goode Associates	P O Box 176, Wellesley Hills 81, Mass	CE5-0552
RI	John J Goode Associates	P O Box 176, Wellesley Hills 81, Mass	CE5-0552
Vt	John J Goode Associates	P O Box 176, Wellesley Hills 81, Mass	CE5-0552
For	Component Sales Corp	Box 178, N Miami Beach 62, Fla	WI5-7721
	TRANCOA CHEMICAL CORP	**312-326 Ash St. Reading, Mass**	**944-4700**
	R Ferris 30-315-410-1125-1240-1290		
	TRANE CO	**La Crosse, Wisc**	**2-8000**
	A Meeke #950 *5,000 G 370-735-825		
	Sales Offices in all principal cities		
•	**TRANS ELECTRONICS INC**	**7349 Canoga Ave, Canoga Park, Cal**	**DI0-3333**
	R Phillips #4 *50 D 338-365-895-1135-1340		
Kan	Aero' Assoc. Inc	5920 Nall Ave. Mission	HE2-8212
	TRANSCO PRODUCTS INC	**12210 Nebraska Ave, Los Angeles, Cal**	**BR2-5687**
	V Petron #10 *140 E 670-1045-1135-1165-1460		
Conn	Abbott & Hustis	83 Main St, Ridgefield, Conn	ID8-3200
Ill	Bertman-Bathum	7185 W. Armitage Ave. Chicago 35	TU9-1011
Mass	Abbott & Hustis	1015 Highland Ave, Needham, Mass	HI4-5470
NY	Harry Yerkes	117 Congress, Newtown, Pa	WO8-2911
Ohio	Tudor Morris	22 Aberdeen Dr, Middletown, Ohio	SA2-5181
Tex	Carey-Wolf Co	Box 6072, Ft. Worth	PE8-1702
Wash	Teslor	700 Boeing Field, Seattle, Wash	PA3-9000
Can	Delta Aircraft Eqpt	1790A Avenue Rd. Toronto, Ont	RE 7232
	TRANSDUCERS INC	**2959 Honolulu Ave, La Crescenta, Cal**	**CH5-3123**
	250-895-1675		
Ind	Robert T Mathews Co	2527 Westbrook Dr, Ft. Wayne, Ind	AN3035
	TRANSFORMER ENGINEERS	**285 N. Halstead Ave, Pasadena, Cal**	**MU1-6906**
	320-670-895-1135-1420-1855		
	TRANSFORMER SPECIALTY CO	**1400 Mill Creek Rd, Gladwyne, Pa**	**MI9-4360**
	H Hosler #1 *4 A 895-1340-1855		
Pa	W E Girard Co	741 Fairfield Rd, Glenside, Pa	TU7-4411
	TRANSISTOR APPLICATIONS INC	**103 Broad St. Boston 10, Mass**	**HA6-1744**
	F Stein #4 *8 B 895		
	TRANSISTOR COMPONENTS CO	**301 Oakwood Ave. E, Aurora, NY**	
	TRANSISTOR DEVICES INC	**41 Factory St, Cedar Grove, NJ**	**CE9-1000**
	J Gilson #3 *16 B 360-365-915-1340-1455-1810		
Cal	Paul Hurches	2396 E. Foothill Blvd, Pasadena, Cal	SY6-5144
Del	Nauden Bohacer & Co	7309 York Rd, Towson, Md	VA5-5492
DC	Nauden Bohacer & Co	P O Box 276 McLean, Va	EL6-3492
Fla	DuBovy Associates	610 N Orange Ave, Orlando	GA5-7472
Ga	DuBovy Associates	610 N Orange Ave, Orlando, Fla	GA5-7472
Md	Nauden-Bohacer Inc	7309 York Rd, Towson	VA5-5492
NJ	Reaco Elec Sales Co	25 Broad Ave, Palisades Pk	WH5-7511
NY	Reaco Elec Sales Co	25 Broad Ave, Palisades Pk	OX5-6900
NY	E W Stone Co, Inc	309 Merritt Ave, Syracuse	HO9-3875
NC	Nauden-Bohacer & Co	P O Box 276, McLean, Va	EL6-3492
Pa	Nauden-Bohacer & Co	346 Suburban Sta Bldg, Philadelphia 3	LO4-3194
SC	Nauden Bohacer & Co	P O Box 276, McLean, Va	EL6-3492
Va	Nauden-Bohacer & Co	P O Box 276, McLean, Va	
	TRANSISTOR ELECTRONICS CORP	**3357 Republic Ave, Minneapolis 26, Minn**	**WE9-6754**
	G Williams #5 *100 D 895-985-1735		
Ala	K O Brown & Co	Box 1791, Greensboro, NC	BR3-3973
Ariz	Costello & Co	2740 La Cienega Blvd, Los Angeles, Cal	UP0-8537
Ark	The Jacobson Co	Box 5702, Dallas 14, Tex	FL1-3362
Cal	McKnight Co	1436 El Camino Real, Menlo Park	DA6-3762

• INDICATES ADVERTISERS IN THIS ISSUE

FOR EXPLANATION OF SYMBOLS # * A 15 SEE PG. M

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Costello & Co	2740 La Cienega Blvd, Los Angeles, Cal	UP0-8537
Colo	Keith Co, The	4870 S Acoma, Englewood	SU9-0443
Conn	Bordewieck Engineering Sales Co	221 Grove St, Braintree, Mass	VI3-0845
Del	C R Hile Co	Box 144, Paoli, Pa	NI4-5500
DC	C R Hile Co	Box 144, Paoli, Pa	NI4-5500
Fla	J F Watkins	7210 Red Rd, Miami 43	MO5-3574
Ga	K G Brown & Co	Box 1791, Greensboro, NC	BR3-5973
Idah	Keith Co, The	4870 S Acoma, Englewood, Colo	SU9-0443
Idah	Hawthorne Electronics	Boeing Field, Seattle 8, Wash	PA5-1464
Ill	H J Bathe Co	310 S. Dorchester Ave, Wheaton, Ill	MO8-7085
Ind	H J Bathe Co	310 S. Dorchester Ave, Wheaton, Ill	MO8-7085
Iowa	H J Bathe Co	310 S. Dorchester Ave, Wheaton, Ill	MO8-7085
La	Jacobsen Co, The	Box 9702, Dallas 14, Tex	FL1-3362
Me	Bordewieck Engineering Sales Co	221 Grove St, Braintree, Mass	VI3-0845
Md	C R Hile Co	Box 144, Paoli, Pa	NI4-5500
Mass	Bordewieck Engineering Sales Co	221 Grove St, Braintree, Mass	VI3-0845
Mich	R C Nordstrom Co	Briggs Bldg, Birmingham, Mich	JO4-6129
Minn	Hamilton & Bayle Associates Inc	3359 Republic Ave, Minneapolis, Minn	WE9-7891
Nev	McKnight Co	1496 El Camino Real, Menlo Park, Cal	DA6-3762
Nev	Costello & Co	2740 La Cienega Blvd, LA 34, Cal	UP0-8537
NH	Bordewieck Engineering Sales Co	221 Grove St, Braintree, Mass	VI3-0845
NJ	C R Hile Co	Box 144, Paoli, Pa	NI4-5500
NM	Keith Co, The	4870 S Acoma, Englewood, Colo	SU9-0443
NY	R W Mitscher Co. Inc	467 Ellicott Sq. Bldg, Buffalo 3	WA2517
NC	K G Brown & Co	Box 1791, Greensboro	BR3-5973
ND	Hamilton & Bayle Associates Inc	3359 Republic Ave, Minneapolis, Minn	WE9-7891
Ohio	A Nace Co, Inc	Box 146, Brecksville 41	JA6-4323
Okla	The Jacobsen Co	Box 9702, Dallas 14, Tex	FL1-3362
Ore	Hawthorne Electronics	Boeing Field, Seattle 8, Wash	PA5-1464
Pa	A Nace Co, Inc	Box 146, Brecksville 41, Ohio	JA6-4323
Pa	C R Hile Co	Box 144, Paoli	NI4-5500
RI	Bordewieck Engineering Sales Co	221 Grove St, Braintree, Mass	VI3-0845
SC	K G Brown & Co	Box 1791, Greensboro, NC	BR3-5973
SD	Hamilton & Bayle Associates Inc	3359 Republic Ave, Minneapolis, Minn	WE9-7891
Tenn	K G Brown & Co	Box 1791, Greensboro, NC	BR3-5973
Tex	The Jacobsen Co	Box 9702, Dallas 14	FL1-3362
Utah	The Keith Co	4870 S. Acoma, Englewood, Colo	SU9-0443
Vt	Bordewieck Engineering Sales Co	221 Grove St, Braintree, Mass	VI3-0845
Va	K G Brown & Co	Box 1791, Greensboro, NC	BR3-5973
Wash	Hawthorne Electronics	112 Adm. Bldg. Boeing Fld. Seattle 8	PA5-1464
W Va	A Nace Co, Inc	Box 146, Brecksville 41, Ohio	JA6-4323
Wisc	H J Bathe Co	310 S. Dorchester Ave, Wheaton, Ill	MO8-7085
Wyo	Keith Co, The	4870 S Acoma, Englewood, Colo	EM3-7207
Can	Miller Eng. & Sales Co	676 Richmond St. W. Toronto 3	EM3-7207

• **TRANSISTOR SPECIALTIES INC** ... Terminal Dr. Plainview, NY ... WE5-3519
J Lanza #9 *42 D 338-885-895-1810

Ala	James L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
Ariz	E G Miller, Jr. Co	Box 8306, Albuquerque, NM	AL6-1585
Cal	Carutti & Associates	P.O. Box 509, Redwood City, Cal	EM9-3354
Cal	A-F Sales Engineering Inc	385 E. Green St, Pasadena, Cal	MU1-5631
Colo	Kelley Enterprises	336 E. 4th St. Loveland	NO7-1376
Conn	H J Schuft Co	815 Washington St, Newtonville, Mass	LA7-5304
Del	S & S Associates	1820 23rd St, S.E., Washington 20, DC	LU2-0041
DC	S & S Associates	1820 23rd St, S.E., Washington 20, DC	LU2-0041
Fla	J Neal & Co	3801 W. 5th Ter, Miami, Fla	HI4-1118
Ga	James L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
Idah	Kelley Enterprises	336 E. 4th St. Loveland, Colo	NO7-1376
Ill	H Marsland & Co	6699 Lincoln Ave, Chicago	OR6-1100
Ind	H Marsland & Co	6699 Lincoln Ave, Chicago, Ill	OR6-1100
Iowa	H Marsland & Co	6699 Lincoln Ave, Chicago, Ill	OR6-1100
Ky	Electro Sales Assoc	Dabel Sta, Box 143, Dayton, Ohio	CH4-5551
Me	H Schuft Co	815 Washington St, Newtonville, Mass	LA7-5304
Md	S & S Associates	1820 23rd St, S.E., Washington 20, DC	LU2-0041
Mass	H J Schuft Co	815 Washington St, Newtonville	LA7-5304
Mich	Electro Sales Assoc	36500 Weideman Rd, Mt. Clemens	TU6-2200
Minn	H Marsland & Co	6699 Lincoln Ave, Chicago, Ill	OR6-1100
Mo	H Marsland & Co	6699 Lincoln Ave, Chicago, Ill	OR6-1100
Nev	Carutti & Associates	P.O. Box 509, Redwood City, Cal	EM9-3354
NH	H J Schuft Co	815 Washington St, Newtonville, Mass	LA7-5304
NJ	Qed Electronic Sales Inc	9 Elm Ave, Mt. Vernon, NY	MO8-3100
NJ	S & S Associates	780 W. De Kalb Pk, King of Prussia, Pa	BR9-7192
NM	E G Miller, Jr. Co	Box 8306, Albuquerque	AL6-1585
NY	C A Weick Co	1445 Valencia Rd. Schenectady 9	EX3-2288
NY	Qed Electronic Sales Inc	9 Elm Ave, Mt. Vernon, NY	MO8-3100
NC	James L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
Ohio	Electro Sales Assoc	281 E. 216th St. Cleve	RE1-9417
Ohio	Electro Sales Assoc	Dabel Sta, Box 143, Dayton	CH4-5551
Okla	E G Miller, Jr. Co	Box 925, Henderson, Tex	
Pa	S & S Associates	780 W. De Kalb, King of Prussia, Pa	BR9-7192
Pa	S & S Associates	P.O. Box 10584, Pittsburgh 35, Pa	VA4-5865
RI	H J Schuft Co	815 Washington St, Newtonville, Mass	LA7-5304
SC	James L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
Tenn	James L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
Tex	E G Miller, Jr. Co	Box 925, Henderson	
Utah	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Vt	H J Schuft Co	815 Washington St, Newtonville, Mass	LA7-5304
Va	James L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
W Va	Electro Sales Assoc	Dabel Sta. Box 143, Dayton, Ohio	CH4-5551
Wis	H Marsland & Co	6699 Lincoln Ave, Chicago, Ill	OR6-1100
Wyo	Kelley Enterprises	336 E. 4th St, Loveland, Colo	NO7-1376
Canada	Radionics Ltd	8230 Mayrand St, Montreal 9, Quebec	RE9-5517
For	Silverstar, Ltd	21 Via Visconti Di Modrone, Milan, Italy	
For	Fielden Electronics	61 Betula Ave, Vt. Victoria, Aust	

• **TRANSITRON ELECTRONIC SALES CORP** ... 168-182 Albion St. Wakefield, Mass ... CR9-4500
L King *5500 G 220-275-500-695-1145-1150-1445-1455-1460-1860

Ala	Transitron Electronic Sales Corp	310 W. 4th St, Winston-Salem, NC	PA3-0363
Ala	Transitron Electronic Sales Corp	205 E. Jackson St, Orlando, Fla	CH1-4526
Alaska	Transitron Electronic Sales Corp	3466 E. Marginal Way, Seattle, Wash	MA4-0783
Ariz	Transitron Electronic Sales Corp	2727 N. Central Ave, Phoenix, Ariz	CR7-3368
Ark	Transitron Electronic Sales Corp	511 Braniff Airways Bldg, Dallas 35, Tex	FL7-9448
Cal	Transitron Electronic Sales Corp	3620 30th St, San Diego	CY7-3708
Cal	Transitron Electronic Sales Corp	535 Middlefield Rd, Palo Alto, Cal	DA1-2064
Cal	Transitron Electronic Sales Corp	6362 Hollywood Blvd, Hollywood 28, Cal	HO9-2381
Cal	Transitron Electronic Sales Corp	2727 N. Central Ave, Phoenix, Ariz	CR7-3368
Colo	Transitron Electronic Sales Corp	621 17th St, Denver, Colo	AC2-1686
Conn	Transitron Electronic Sales Corp	1060 Broad St, Newark, NJ	MA3-3151
Del	Transitron Electronic Sales Corp	2319 Maryland Ave, Baltimore, Md	CH3-3220
DC	Transitron Electronic Sales Corp	2319 Maryland Ave, Baltimore, Md	CH3-3220
Fla	Transitron Electronic Sales Corp	205 E. Jackson St, Orlando, Fla	CH1-4526
Ga	Transitron Electronic Sales Corp	205 E. Jackson St, Orlando, Fla	
Ga	Transitron Electronic Sales Corp	310 W. 4th St, Winston-Salem, NC	PA3-0363
Hawaii	Transitron Electronic Sales Corp	535 Middlefield Rd, Palo Alto, Cal	DA1-2064
Idaho	Transitron Electronic Sales Corp	3466 E. Marginal Way, Seattle, Wash	MA4-0783
Ill	Transitron Electronic Sales Corp	6641 W. North Ave, Oak Park, Chicago, Ill	VI8-5556
Ill	Transitron Electronic Sales Corp	31st & Troost Sts, Kansas City, Kan	VA1-1819
Ind	Transitron Electronic Sales Corp	6641 W. North Ave, Oak Park, Chicago, Ill	VI8-5556
Iowa	Transitron Electronic Sales Corp	1821 University Ave, St. Paul, Minn	MI6-1891
Kan	Transitron Electronic Sales Corp	31st & Troost Sts, Kansas City, Mo	VA1-1819
Ky	Transitron Electronic Sales Corp	379 W. 1st St, Dayton, Ohio	BA4-9651
La	Transitron Electronic Sales Corp	511 Braniff Airways Bldg, Dallas 35, Tex	FL7-9448
Md	Transitron Electronic Sales Corp	2319 Maryland Ave, Baltimore, Md	CH3-3220
Mich	Transitron Electronic Sales Corp	2842 W. Grand Blvd, Detroit, Mich	TR5-2440
Minn	Transitron Electronic Sales Corp	1821 University Ave, St. Paul, Minn	MI6-1891
Miss	Transitron Electronic Sales Corp	511 Braniff Airways Bldg, Dallas 35, Tex	FL7-9448
Mo	Transitron Electronic Sales Corp	31st & Troost Sts, Kansas City, Mo	VA1-1819
Mont	Transitron Electronic Sales Corp	3466 E. Marginal Way, Seattle, Wash	MA4-0783
Neb	Transitron Electronic Sales Corp	31st & Troost Sts, Kansas City, Mo	VA1-1819
Nev	Transitron Electronic Sales Corp	621 17th St, Denver, Colo	AC2-1686
NJ	Transitron Electronic Sales Corp	Collingswood 8	UL4-7802
NJ	Transitron Electronic Sales Corp	1060 Broad St, Newark, NJ	MA3-3151
NM	Transitron Electronic Sales Corp	621 17th St, Denver, Colo	AC2-1686
NY	Transitron Electronic Sales Corp	2360 James St, Syracuse, NY	HO3-4502
NY	Transitron Electronic Sales Corp	1060 Broad St, Newark, NJ	MA3-3151
NC	Transitron Electronic Sales Corp	310 W. 4th St, Winston-Salem, NC	PA3-0363
Ohio	Transitron Electronic Sales Corp	14625 Detroit Ave, Cleveland, Ohio	AC1-9191
Ohio	Transitron Electronic Sales Corp	379 W. 1st St, Dayton, Ohio	BA4-9651
Okla	Transitron Electronic Sales Corp	511 Braniff Airways Bldg, Dallas 35, Tex	FL7-9448
Ore	Transitron Electronic Sales Corp	3466 E. Marginal Way, Seattle, Wash	MA4-0783
Pa	Transitron Electronic Sales Corp	Collingswood 8, NJ	UL4-7802
Pa	Transitron Electronic Sales Corp	14625 Detroit Ave, Cleveland, Ohio	AC1-9191
SC	Transitron Electronic Sales Corp	310 W. 4th St, Winston-Salem, NC	PA3-0363
Tenn	Transitron Electronic Sales Corp	310 W. 4th St, Winston-Salem, NC	PA3-0363
Tex	Transitron Electronic Sales Corp	511 Braniff Airways Bldg, Dallas 35, Tex	FL7-9448
Utah	Transitron Electronic Sales Corp	621 17th St, Denver, Colo	AC2-1686
Va	Transitron Electronic Sales Corp	2319 Maryland Ave, Baltimore, Md	CH3-3220
Wash	Transitron Electronic Sales Corp	3466 E. Marginal Way, Seattle, Wash	MA4-0783
Wisc	Transitron Electronic Sales Corp	1821 University Ave, St. Paul, Minn	MI6-1891
Wisc	Transitron Electronic Sales Corp	6641 W. North Ave, Oak Park, Ill	VI8-5556
Wyo	Transitron Electronic Sales Corp	621 17th St, Denver, Colo	AC2-1686
For	Sales Representatives in all principal countries		

TRANSLINE ELECTRONIC MFG. CO 503 McCarter Hwy. Newark 2, NJ ... MI2-7252
R Ursillo #4 *10 325-338-348-365-635-895-1135

TRANSLITE ELECTRONICS CORP 5720 W. Armitage, Chicago 39, Ill ... BE7-4798
H Olsen #1 *50 B 325-895-910-1255-1425-1845-1855

Ala	Milton M Shamitz	1272 Zemmer Dr, Atlanta 6, Ga	
Ala	Ashton-Tharrel Co	2045 Cliffview Dr, Atlanta 5, Ga	
Ariz	Ed Firestone Co	16617 Dearborn St, Sepulveda, Cal	
Ark	Henry Stein	7011 Sloan St, Houston, Tex	
Cal	Edw Firestone Co	16617 Dearborn St, Sepulveda, Cal	
Conn	Warshaw Sales Co	Old Mad Rd, Clinton, Conn	
Del	Akulin & Sherer & Associates	1815 Melon St, Philadelphia, Pa	
DC	Akulin & Sherer & Associates	1815 Melon St, Philadelphia, Pa	
Fla	Ashton-Tharrel Co	2045 Cliffview Rd, Atlanta 5, Ga	
Fla	Milton M Shamitz	1272 Zemmer Rd, Atlanta, Ga	
Ga	Milton M Shamitz	1272 Zemmer Rd, Atlanta, Ga	
Idaho	Gordon Buttles Co	801 E. Pike St, Seattle 22, Wash	
Ill	Arista-Com Inc	1414 S. Michigan Ave, Chicago 5, Ill	
Iowa	Album-Oren Sales	2120 Lyndale Ave, S., Minneapolis, Minn	
Kan	Henry Stein	7011 Sloan St, Houston 17, Tex	
Kan	Louis E Bruns Co	917 Central Ave, Kansas City, Kan	
La	Henry Stein	7011 Sloan St, Houston 17, Tex	
Me	Warshaw Sales Co	Old Mad Rd, Clinton, Conn	
Md	Akulin-Sherer & Associates	1815-35 Melon St, Philadelphia, Pa	
Mass	Warshaw Sales Co	Old Mad Rd, Clinton, Conn	
Mich	Dannibaer-Dubade III	1812 E. Rochester Rd, Rochester, Mich	
Minn	Album-Oren Sales Co	2120 Lyndale Ave, Minneapolis, Minn	
Miss	Milton M Shamitz	1272 Zemmer Dr, Atlanta 6, Ga	
Mo	Lewis E Bruns Co	917 Central Ave, Kansas City, Kan	
Mont	Gordon Buttles Co	801 E. Pike St, Seattle 22, Wash	
Neb	Album-Oren Sales Co	2120 Lyndale Ave, S., Minneapolis, Minn	
Nev	Edward Firestone Co	16617 Dearborn St, Sepulveda, Cal	
NH	Warshaw Sales Co	Old Mad Rd, Clinton, Conn	
NJ	Akulin-Sherer & Associates	1815-35 Melon St, Philadelphia, Pa	
NY	Akulin-Sherer & Associates	1815-35 Melon St, Philadelphia, Pa	
NC	Milton M Shamitz	1272 Zemmer Dr, Atlanta 6, Ga	
ND	Album-Oren Sales Co	2120 Lyndale Ave, Minneapolis, Minn	
Okla	Henry Stein	7011 Sloan St, Houston 17, Tex	
Ore	Gordon Buttles Co	801 E. Pike St, Seattle 22, Wash	
Pa	Akulin-Sherer & Associates	1815-35 Melon St, Philadelphia, Pa	
RI	Warshaw Sales Co	Old Mad Rd, Clinton, Conn	
SC	Milton Shamitz	1272 Zemmer Rd, Atlanta 6, Ga	
SD	Album-Oren Sales Co	2120 Lyndale Ave, S., Minneapolis, Minn	
Tenn	Milton Shamitz	1272 Zemmer Rd, S.E., Atlanta 6, Ga	
Tex	Henry Stein	7011 Sloan St, Houston, Tex	
Vt	Warshaw Sales Co	Old Mad Rd, Clinton, Conn	
Va	Akulin-Sherer & Associates	1815-35 Melon St, Philadelphia, Pa	
Wash	Gordon Buttles Co	801 E. Pike St, Seattle 22, Wash	
W. Va	Akulin-Sherer & Associates	1815-35 Melon St, Philadelphia, Pa	
Wisc	Album-Oren Sales Co	2120 Lyndale Ave, S., Minneapolis, Minn	

TRANS-SIL CORP ... 55 Honeck St, Englewood, NJ ... LO7-1720
I Weinstein #5 *70 E 500-1445

Cal	A & P Electronic Sales	477 Bryant St, SF	EX2-0847
Cal	Web Electronic Assoc	7501 El Monte Ave, LA 45	OR8-0151
Conn	De Veer Sales Engineering Co	PO Box 224, Granby	HI4-4200
Del	Rothenheber & Co	14211 Chesterfield Rd, Rockville, Md	WH6-4488
DC	Rothenheber & Co	14211 Chesterfield Rd, Rockville, Md	WH6-4488
Fla	Jack Geartner Co	205 Lincoln Rd, Miami Beach	JE1-0200
Idaho	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	MA4-8650
Ill	Gordon Fisman Engineering Co	8160 Stanford Ave, St Louis 30, Mo	PA5-5219
Ind	William A Meily Co	4017 S Harrison Blvd, Ft Wayne	KE2461
Kan	Gordon Fisman Engineering Co	8160 Stanford Ave, St Louis 30, Mo	PA5-5219
Ky	William A Meily Co	4017 S Harrison Blvd, Ft Wayne, Ind	KE2461
Me	De Veer Sales Engineering Co	1492 Highland Ave, Needham, Mass	HI4-4200
Md	Rothenheber & Co	14211 Chesterfield Rd, Rockville	WH6-4488
Mass	De Veer Sales Engineering Co	1492 Highland Ave, Needham, Mass	HI4-4200
Mich	William A Meily Co	4017 S Harrison Blvd, Ft Wayne, Ind	KE2461
Minn	Irvin I Aaron & Assoc, Inc	614 E Grant St, Mpls 4	FE6-6659
Mo	Gordon Fisman Engineering Co	8160 Stanford Ave, St Louis, Mo	PA5-5219
NH	De Veer Sales Engineering Co	1492 Highland Ave, Needham, Mass	HI4-4200
NJ	Rothenheber & Co	53 Cricket Ave, Ardmore, Pa	MI2-8911
NJ	Electrical Manufacturers Service	PO Box 201, Nutley 10	NO2-2541
NY	Electrical Mfrs Service	105 Hillside Ave, Williston Park, NY	PI2-3636
NY	Electrical Mfrs. Service	94 Henry St, Binghamton	RA3-9922
ND	Irvin I Aaron & Assoc, Inc	614 E Grant St, Mpls 4, Minn	FE6-6659
Ohio	Browne & Assoc	3066 E 116th St, Cleve 20	SW5-7472
Okla	Edward F Aymond Co	P.O. Box 6595, Dallas, Tex	LA6-5233
Ore	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	MA4-8650
Pa	Rothenheber & Co	53 Cricket Ave, Ardmore, Pa	MI2-8911
Pa	Browne & Assoc	3066 E 116th St, Cleve 20, Ohio	SW5-7472
RI	De Veer Sales Engineering Co	1492 Highland Ave, Needham, Mass	HI4-4200
SD	Irvin I Aaron & Associates Inc	829 N. Marshall St, Milwaukee 2, Wisc	BR6-8525
SD	Irvin I Aaron & Assoc	614 E Grant St, Mpls 4, Minn	FE6-6659
Tex	Edward F Aymond Co	P.O. Box 6595, Dallas, Tex	LA6-5233
Vt	De Veer Sales Engineering Co	1492 Highland Ave, Needham, Mass	HI4-4200
Va	Rothenheber & Co	14211 Chesterfield Rd, Rockville, Md	WH6-4488
Wash	N R Schultz Co	4227 Airport Way, Seattle 8	MA4-8650
Wisc	Irvin I Aaron & Associates Inc	829 N. Marshall St, Milwaukee, Wisc	BR6-8525
W Va	Browne & Assoc	3066 E 116th St, Cleveland 20, Ohio	SW5-7472
Can	Cliendon Co. Ltd., The	603 Evans Ave, Toronto 14, Ont	CL5-5001
Foreign	Philips Export Co	100 E. 42nd St, New York, NY	OX7-3000

TRANSONIC INC. ... 808 16th St, Bakersfield, Cal ... FA7-5701
E Rehfeldt Jr #12 *165 E 15-320-300-410-670-875-895-1145-1200-1330-1420-1655-1850-1855-1915

Ariz	Fred Schaeffer Assoc	5802 S. Wilshire, Tucson	AX8-6173
Cal	Transonic Inc	12041 Wilshire Blvd, LA	BR2-1140
Cal	Allan-Cochrane Co	2215 S. El Camino Real, San Mateo	FI5-7981
Conn	W B Pray Sales Co	44 Washington St, Wellesly Hills, Mass	
Del	Wm C Stahl	30 E. Cedar St, Merchantville, NJ	
Mass	W B Pray Sales	44 Washington St, Wellesly Hills	
Mo	Design & Sales Eng Co	25 N. Meramec St. Louis	
NJ	Wm C Stahl	30 E. Cedar St, Merchantville	
Pa	Lowry Distrib Co	1404 Swarback St, Pittsbgh	
Wash	Don Smith Sales Co	2120 N., 45th St, Seattle	

TRANS-SONICS, INC ... Box 328, Lexington 73, Mass ... BR2-1000
#44 *165 E 195-380-895-900-1850

Ala	Kemp Engineering Co., Inc	507 Franklin St SE, Huntsville	534-5351
Ala	Kemp Engineering Co	6414A Hampton Ave, St. Louis 9, Mo	FL1-2175
Ariz	Gene French Co	138 S 2nd E, Salt Lake City, Utah	EM4-3057
Ark	Kemp Engineering Co., Inc	2618 Manana Drive, Dallas 20, Tex	FL7-4663
Cal	Trans-Sonics Pacific	8250 Vista Del Mar, Playa Del Rey, Cal	EX1-6714
Cal	Electronic Engineering Assoc Ltd	1285 Laurel St, San Carlos, Cal	LY3-7389
Colo	Gene French Co	PO Box 15175, Denver 15	MA3-1458
Conn	Brogan Assoc., Inc	200 Jericho Tpke, Mineola, NY	PI7-3230
Del	Arco Engineering Co	1034 Woodward Bldg, Wash 5, DC	EX3-5991
DC	Arco Engineering Co	1034 Woodward Bldg, Wash 5, DC	EX3-5991
Fla	Ernest C Trigg	627 Endsley Ave, Maitland, Fla	MI7-3649
Ga	Kemp Engineering Co., Inc	507 Franklin St SE, Huntsville, Ala	534-5351
Idah	Bumstead-Woolford Co	1411 4th Ave, Seattle, Wash	MA3-4915
Idah	Gene French Co	138 S 2nd E, Salt Lake City, Utah	EM4-3057
Kan	Kemp Engineering Co	6414A Hampton Ave, St. Louis 9, Mo	FL1-2175
Ky	Kemp Engineering Co	6414A Hampton Ave, St. Louis 9, Mo	FL1-2175
La	Kemp Engineering Co, Inc	2618 Manana Drive, Dallas 20, Tex	FL7-4663
Md	Arco Engineering Co	1034 Woodward Bldg, Wash 5, DC	EX3-5991
Mich	M P Odell Co	10531 W McNichols Rd, Detroit 21	UN2-1573
Miss	Kemp Engineering Co., Inc	507 Franklin St. SE, Huntsville, Ala	534-5351
Mo	Kemp Engineering Co	6414A Hampton Ave, St. Louis 9, Mo	FL1-2175
Nev	Bumstead-Woolford Co	1411 4th Ave., Seattle, Wash	MA3-4915
Nev	Gene French Co	7900 Zuni Rd, SE, Albuquerque, NM	AM8-2478
NJ	Arco Engineering Co	1034 Woodward Bldg, Wash 5, DC	EX3-5991
NJ	Brogan Assoc., Inc	200 Jericho Tpke, Mineola, NY	PI7-3230
NM	Gene French Co	7900 Zuni Rd, SE, Albuquerque	AM8-2478
NY	Brogan Assoc., Inc	200 Jericho Tpke, Mineola	PI7-3230
NC	Kemp Engineering Co, Inc	507 Franklin St, SE, Huntsville, Ala	534-5351
Ohio	M P Odell Co	26614 Center Ridge Rd, Westlake	TR1-3000
Ohio	M P Odell Co	2576 Salem Ave, Dayton 6	CR7-4441
Ohio	M P Odell Co	10531 W McNichols Rd, Detroit 21, Mich	UN2-1573
Okla	Kemp Engineering Co	2618 Manana Dr, Dallas 20, Tex	FL7-4663
Ore	Bumstead-Woolford Co	421 S. W. 6th Ave, Portland 4, Ore	CA8-5686
Pa	Arco Engineering Co	1034 Woodward Bldg, Wash 5, DC	EX3-5991
Pa	M P Odell Co	750 Penn Ave, Wilkinsburg 21	PE1-1213
SC	Kemp Engineering Co., Inc	507 Franklin St. SE, Huntsville, Ala	534-5351
Tenn	Kemp Engineering Co., Inc	507 Franklin St. SE, Huntsville, Ala	534-5351
Tex	Kemp Engineering Co	2618 Manana Dr, Dallas 20, Tex	FL7-4663
Utah	Gene French Co	138 S 2nd E, Salt Lake City	EM4-3057
Va	Arco Engineering Co	1034 Woodward Bldg, Wash 5, DC	EX3-5991
Wash	Bumstead-Woolford Co	1411 4th Ave, Seattle, Wash	MA3-4915
W. Va	Arco Engineering Co	1034 Woodward Bldg, Wash 5, DC	EX3-5991
Wyo	Gene French Co	PO Box 15175, Denver 15, Colo	MA3-1458
For	Rudolph Hunter Co	14 Goethestr, Zurich 1, Switzerland	

TRANS-TEL CORP ... 910 N. Orange Dr, Los Angeles 38, Cal
325-385-895-910-1425-1845

TRANSVAL ELECTRONICS ... 2030 Maple Ave, El Segundo, Cal ... EA2-5120
180-185-330-365-475-895-915-1120-1135-1200-1340

DC	Jack Campbell	1000 Connecticut Ave, Washington, DC	

TRANS-WESTERN ELECTRONICS ... P. O. Box 1473, Ventura, Cal ... MI3-4219
895

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TRAVIS FABRICS CO	**1071 6th Ave, New York 18, NY**	**LO4-1940**
	L Travis G 620-625		
Cal	Lawrence Hurts	819 Santee St, Los Angeles, Cal	MA2-7545
Cal	Ray Lenamer	1339 Oxford St, San Francisco, Cal	YU6-1196
Ill	Kenneth Levine	300 W. Adams St, Chicago, Ill	AN3-2106
Mass	Harold Zola	96 Summit Rd, Needham Heights 94	HI4-3148
Pa	Tom Sheehan	117 Beaver Ave, Pittsburgh, Pa	PO6-3922
	TRAY-LER RADIO CORP	**571 W. Jackson Blvd, Chicago 6, Ill**	**HA7-9151**
	I Edelstein #15 *1000 G 1255-1425-1435-1750-1895		
•	**TRENTON TRANSFORMER CORP**	**P.O. Box 5688, Trenton, NJ**	**OW5-3451**
	E Washburn 475-1135-1340-1855		
Ohio	Martin-Rettger Inc	11955 Shaker Blvd, Cleveland 20, Ohio	SW1-8787
•	**TREPAC CORP OF AMERICA**	**30 W. Hamilton Ave, Englewood, NJ**	**LO7-3810**
	#7 *17 B 325-330-360-430-440-475-895-945-1135-1150-1460-1470-1770-1810		
Alaska	Vernon Neff	2901 Aspen Dr, Spenard, Anchorage	
Cal	Peninsula Associates	1345 Hancock St, Redwood City, Cal	EM9-1226
Cal	Connelly Sales Co	1452 Venecita Dr, La Mirada	RA3-8611
Hawaii	Press Dispatch	Hawaiian Hills, Pacific Hghts, Honolulu	
Can	Trepac Corp of Canada, Ltd	1716 Bois Franc Rd, Montreal 9, Que	FE4-2930
	TRESCO INC	**3824 Terrace St, Philadelphia 28, Pa**	**IV3-1383**
	D Logan #6 *175 E 320-895-1135-1855		
Ga	P Hayden Assoc	Box 331, E. Point	PO6-0261
Mass	D D Rosa Co, Inc	311 Washington St. Brighton	ST2-4130
Mo	J Durbin Co	Box 5813, Ferguson Sta, St. Louis 35	JA1-1233
NJ	O P Merchant	10 Riverside Dr. Cranford	BR2-5510
NJ	W Call	35 Washington St, East Orange, NJ	OR3-5977
NY	J V Costello	635 E. Warren St, Syracuse, NY	HA2-4532
Ohio	John C Lee	7050 Drake Rd, Cincinnati, Ohio	LO1-5486
	TRIAD TRANSFORMER CORP	**4055 Redwood Ave. Venice, Cal**	**UP0-5381**
	E Clover #17 *460 F 320-905-1545-1855-1995		
Ala	Murphy & Cota	1014 Memorial Parkway, Huntsville	JE6-9121
Alas	Dave Miller Sales	2723 N 45th, Seattle 3, Wash	ME2-7070
Ariz	Miles Wagner	Rt 4-Box 27, Tucson	CY7-3863
Cal	Logan Sales Co	157 9th St, San Francisco 3, Cal	HE1-4632
Colo	McLoud & Raymond	2151 S Grape St. Denver	SK6-1599
Fla	Murphy & Cota	2319 E South St, Orlando	GA4-2167
Ga	Murphy & Cota	2130 Peachtree Rd N.W., Atlanta 9, Ga	TR6-3020
Idaho	McLoud & Raymond	2151 S Grape St, Denver, Colo	SK6-1599
Ill	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	RO3-1570
Ind	Barton E. Hunter	2014 Jessie Ave, Fort Wayne, Ind	EA 4520
Iowa	Ellinger Sales	6540 Northwest Hwy, Chicago, Ill	RO3-1570
Kan	Ellinger Sales	6540 Northwest Hwy, Chicago, Ill	RO3-1570
Md	Robert Finley, Jr	1207 York Rd, Lutherville, Md	OL2-3088
Mass	Dan Greene Organization, Inc	Box 124, Cambridge 38, Mass	UN4-2220
Mich	Henschen, Jensen Co	3942 W. Grand Blvd, Detroit 2, Mich	TR1-0008
Minn	Clark R Gibb Co	2400 Hennepin Ave, Mnpls 5	FR7-1200
Mo	Ellinger Sales	6540 Northwest Hwy, Chicago, Ill	RO3-1570
Neb	McLoud & Raymond	2151 S Grape St, Denver, Colo	SK6-1599
Nev	Logan Sales Co	157 9th St, San Francisco 3, Cal	HE1-4632
NY	BE-Etco Sales Corp	45 E. Broadway, Yonkers, NY	YO3-1150
NY	Paskermaster Co	1307 Erie Blvd E, Syracuse 14, NY	GR-2181
NC	Murphy & Cota	1106 Burke St, Winston Salem, NC	PA4-0795
NC	Murphy & Cota	221 Latta Arcade, Charlotte	FR5-2317
NC	Murphy & Cota	221 Latta Arcade, Charlotte 2, NC	FR5-2317
ND	Clark R Gibb	2400 Hennepin Ave. Mnpls, Minn	FR7-1200
Ohio	Frank Hamer	4625 Conway Ave, Cincinnati, Ohio	GR1-7411
Ohio	Arthur H. Baier Co	384 N. First St, Dayton 2, Ohio	BA8-9498
Ohio	Arthur H Baier Co	18236 Lakes Parkway, Cleveland	GR5-3080
Ore	Dave M. Lee Co., Inc	1527 N.E. Union Ave, Portland 12, Ore	AT8-5796
Ore	Dave Miller Sales Co	2723 N 45th, Seattle 3, Wash	ME2-7070
Pa	Gene S. Fein & Co	713 Vallevista Ave, Pittsburgh 34, Pa	LO1-4125
SC	Murphy & Cota	221 Latta Arc, Charlotte, NC	FR5-2317
SD	Clark R Gibb	2400 Hennepin Ave, Mnpls, Minn	FR7-1200
Tex	Branum Sales, Inc	2134 Hiawatha, Dallas 34, Tex	CH7-7121
Utah	McLoud & Raymond	4720 Mackay St, Salt Lake City	AM6-5302
Wash	Dave Miller Sales Co	2723 N 45th, Seattle 3	MA2-5512
Wis	Ellinger Sales	6540 Northwest Hwy, Chicago, Ill	RO3-1570
Foreign	Westrex Corp	111 8th Ave, New York 11, NY	CH3-2300
	TRICON MFG CO	**8012 S. Wallace, Chicago 20, Ill**	**AB4-0600**
	T Boedeker #2 *35 D 265-355-700-1120-1125-1350-1490-1635-1885-1940-1960		
Del	Leff-Easter Corp	11 Peppermint Ln, Levittown, NJ	
DC	Leff-Easter Corp	1844 Edgewood Rd, Baltimore 4, Md	
Ill	Ralph F Roussey	7933 Lake St, River Forest	FO9-6523
Md	Leff-Easter Corp	1844 Edgewood Rd, Baltimore	
Mass	T Kennedy	19 Forest Rd, Greenwood	
Mo	Tenler & Co	9827 Clayton Rd, St Louis 24	WY3-1020
NJ	Hy Brown, S A M Assoc	23 Hastings Rd, Franklin Park	MA3-6595
NY	S A M Associates	150-08 87th Ave, Jamaica 32	BE7-0173
Ohio	Ralph F Roussey	7933 Lake St, River Forest, Ill	FO9-6523
Pa	Leff-Easter Corp	11 Peppermint Ln, Levittown, NJ	
Tex	Ono Weinreich & Assoc	1210 Old Gate Ln, Dallas 18	DA1-2800
	TRICRAFT PRODUCTS CORP	**1124 W. Newport Ave, Chicago 13, Ill**	**WE5-5383**
	J Lock #2 45-315-345-375-700-895-905-1005-1025-1075-1120-1135-1155-1170-1200-1225-1815		
Ala	Al Engelman Co	3205 Crump Ave. Memphis, Tenn	
Alas	Dorn Grinnels	625 E 77th St. Seattle, Wash	
Cal	L A Nitt & Co	1061 Howard St. S F	
Cal	Unger Sales Assoc	9925 Venice Blvd, L A	
Colo	Rodgers Sales Co	8171 Julian St. Westminster	
Conn	James F White Co	100 Hillcrest Rd, Windsor	
Del	James F White Co	100 Hillcrest Rd, Windsor, Conn	
Fla	Ted Sharaf Assoc	4190 Lincoln St. Hollywood	
Ill	Mort Friedman Co	4751 Roswell St. Chicago	
Iowa	Jack Larson	4531 Walnut St. Omaha, Neb	
La	Al Engelman Co	3205 Crump Ave, Memphis, Tenn	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Me	James F White Co	100 Hillcrest Rd. Windsor, Conn	
Md	Electronic Specialties	4212 Matthews Ln. Kensington	
Mass	James F White Co	100 Hillcrest Rd. Windsor, Conn	
Mich	Art Gusselin Co	20001 Greydale St. Detroit	
Miss	Al Engelman Co	3205 Crump Ave. Memphis, Tenn	
Mo	Sobel & Assoc	7800 Forsyth St. Clayton	
Neb	Jack Larson	4531 Walnut St. Omaha	
NH	James F White Co	100 Hillcrest Rd. Windsor, Conn	
NY	J L Ross	292 W 24th St. New York	
NC	Chas Furman Assoc	1228 Harding Pl. Charlotte	
Ohio	Ohio Assoc	P O Box 145, Vaughnsville	
Ore	Dorn Grinnels	625 E 77th St. Seattle, Wash	
Pa	Morris F Taylor Co	162 Princeton Dr. Pittsburgh	
Tenn	Al Engelman Co	3205 Crump Ave. Memphis	
Vt	James F White Co	100 Hillcrest Rd. Windsor, Conn	
Va	Electronic Specialties	4212 Matthews Ln. Kensington, Md	
Wash	Dorn Grinnels Co	625 E 77th St. Seattle	
Wis	Mort Friedman Co	4751 Roswell St. Chicago, Ill	
	TRI-DEX CO	**P.O. Box 1207, Lindsey, Cal**	**2-4051**
	K Howard #1 *10 A 110-185-320-795-1150-1290-1785		
	TRI-EX TOWER CORP	**127 E. Inyo, Tulare, Cal**	**MU6-3411**
	L Trimm #3 *25 A 45-285-1135		
Ala	J E Joyner & Assoc	Box 10821, Sta A, Atlanta 10, Ga	PL6-4396
Ariz	Barstow & Doran	1406 S. Grand, Los Angeles, Cal	RI9-0438
Cal	Barstow & Doran	1406 S Grand, LA	RI9-0438
Cal	Logan & Logan	254 12th St. SF	PL6-0992
Conn	Hal Chamberlain	Civilian Air Terminal, Bedford, Mass	
Fla	J E Joyner	P.O. Box 10821, Sta A, Atlanta 10, Ga	
Ga	J E Joyner	P.O. Box 10821, Sta A, Atlanta 10, Ga	
Hawaii	Barstow & Doran	1406 S. Grand, Los Angeles, Cal	RI9-0438
Ill	William J Doyle	2800 W Touhy Ave. Chicago 45	BR4-6685
Iowa	Maury E Bettis Co	3706 Broadway, K C, Mo	LO1-6592
Kan	Maury E Bettis Co	3706 Broadway, K C, Mo	LO1-6592
Ky	J E Joyner & Assoc	Box 10821, Sta A, Atlanta, Ga	PL6-3411
Me	Hal Chamberlain	Civilian Air Terminal, Bedford, Mass	
Md	J E Joyner & Assoc	Box 10821, Sta A, Atlanta, Ga	PL6-3411
Mass	Hal Chamberlain	Civilian Air Terminal, Bedford, Mass	
Miss	J E Joyner	P.O. Box 10821, Sta A, Atlanta 10, Ga	
Mo	Maury E Bettis Co	3706 Broadway, Kansas City	LO1-6592
Neb	Maury E Bettis Co	3706 Broadway, Kansas City, Mo	LO1-6592
Nev	Logan & Logan	254 12th St, San Francisco, Cal	PL6-0992
NH	Hal Chamberlain	Civilian Air Terminal, Bedford, Mass	
NJ	George Brown	44 Highland Ave. Port Washington, NY	PO7-6267
NY	George Brown	44 Highland Ave. Port Washington	PO7-6267
NC	J E Joyner	P.O. Box 10821, Sta A, Atlanta 10, Ga	
Okla	M E Bettis Co	406 W. 34 St, Kansas City, Mo	LO1-0772
RI	Hal Chamberlain	Civilian Air Terminal, Bedford, Mass	
SC	J E Joyner	Box 10821, Sta A, Atlanta 10, Ga	
Tenn	J E Joyner	Box 10821, Sta A, Atlanta 10, Ga	
Tex	George Heinrich & Assoc	1155 E NW Bldg, Dallas 11	DA1-[illegible]
Vt	Hal Chamberlain	Civilian Air Terminal, Bedford, Mass	
Va	J E Joyner & Assoc	Box 10821, Sta A, Atlanta, Ga	PL6-4396
	TRIMM INC.	**400 W. Lake, Libertyville, Ill**	**LI2-3700**
	375-805-920-925-1135-1245-1315-1675		
	TRINDL PRODUCTS LTD	**1807 S. Clark St, Chicago, Ill**	**VI2-7716**
	L Arnston #2 *65 1855		
For	Smith Kirkpatrick & Co	47 Beaver St. New York 4, NY	
•	**TRIO LABORATORIES INC**	**Plainview, NY**	**OV1-0400**
	J Crawford #11 *65 B 895-1245-1340		
Ala	Specialized Electronic Corp	529 N. 18th St, Birmingham 5, Ala	FA4-1615
Ariz	A-F Associates	94 S Los Robles, Pasadena, Cal	RY1-5631
Ark	Norvell Associates	3601 Lemmon Ave, Dallas 19, Tex	LA6-7861
Cal	A-F Associates	94 S Los Robles, Pasadena	RY1-5631
Cal	Carruth & Associates	P.O. Box 21, Redwood City, Cal	EM9-3354
Colo	Hytronic Measurements Inc	1295 S. Bannock, Denver 23, Colo	PE3-3701
Conn	Instrument Dynamics Inc	75 Wilcox Rd, Milford, Conn	TR4-7764
Del	L J Daniels Inc	Box 6864, Baltimore 4, Md	PL2-7694
DC	L J Daniels Inc	Box 6864, Baltimore 4, Md	PL2-7694
Fla	Specialized Electronic Corp	1302 Bayshore Dr, Cocoa Beach, Fla	SU3-2000
Ga	Specialized Electronic Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
Ill	Hugh Marsland & Co	6699 Lincoln Ave, Chicago 45, Ill	OR6-1100
Ind	Hugh Marsland & Co	6730 E. 19th St, Indianapolis 19, Ind	ME8-2253
Iowa	Hugh Marsland & Co	6699 Lincoln Ave, Chicago 45, Ill	OR6-1100
Kan	Hugh Marsland & Co	6699 Lincoln Ave, Chicago 45, Ill	OR6-1100
Ky	Hugh Marsland & Co	6730 E. 19th St, Indianapolis 19, Ind	ME8-2253
La	Norvell Associates	3601 Lemmon Ave, Dallas 19, Tex	LA6-7861
Me	Instruments Dynamics Inc	75 Wilcox Rd, Milford, Conn	TR4-7764
Md	L J Daniels Inc	P.O. Box 6864, Baltimore 4, Md	PL2-7694
Mass	Instrument Dynamics Inc	11 Albion St, Wakefield, Mass	CR6-5100
Mich	Hugh Marsland & Co	6699 Lincoln Ave, Chicago 45, Ill	OR6-1100
Mich	M P Odell Co	29614 Center Ridge Rd, Westlake, Ohio	TR1-8000
Minn	Hugh Marsland & Co	331 N. Edgewood Ave, Minneapolis 27,	LI5-4481
Miss	Specialized Electronic Corp	529 N. 18th St, Birmingham 5, Ala	FA4-1615
Mo	Hugh Marsland & Co	6730 E. 19th St, Indianapolis 19, Ind	ME8-2253
Neb	Hugh Marsland & Co	331 N. Edgewood Ave, Mnpls 27, Minn	LI5-4481
Nev	Carruth & Associates	Box 581, Redwood City, Cal	EM9-3354
NH	Instrument Dynamics Inc	11 Albion St, Wakefield, Mass	CR6-5100
NH	Instrument Dynamics Inc	75 Wilcox Rd, Milford, Conn	TR4-7764
NJ	B B Taylor Corp	2270 Grand Ave, Baldwin, NY	BA3-8000
NJ	S&S Associates Inc	780 W. DeKalb, King Of Prussia, Pa	BR9-7192
NM	Hytronic Measurements Inc	Box 8794, Sta C, Albuquerque, NM	
NY	B B Taylor Corp	2270 Grand Ave, Baldwin, NY	BA3-8000
NY	J A Reagan Co, Inc	45 N Lake Ave, Albany 3	HE6-9649
NY	J A Reagan Co., Inc	6 E Bayberry Circle, Liverpool	GI8-0340
NY	J A Reagan Co., Inc	145 Millbrook Dr, Williamsville	NF2-2727
NY	J A Reagan Co., Inc	52 B Crestmont Rd, Binghamton	RA3-9661
NY	J A Reagan Co., Inc	10 Humphreys Terr, New Hartford	RE2-3775
NC	Specialized Electronic Corp	529 N. 18th St, Birmingham 5, Ala	FA4-1615
ND	Hugh Marsland & Co	6730 E. 19th St, Indianapolis 19, Ind	ME8-2253
Ohio	M P Odell Co	29614 Center Ridge Rd, Westlake, Ohio	TR1-8000

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ohio	M P Odell Co	2676 Salem Ave, Dayton 6, Ohio	OR4441
Okla	Norvell Associates	3601 Lemmon Ave, Dallas 19, Tex	LA6-7861
Pa	M P Odell Co	750 Penn Ave, Pittsburgh 21, Pa	FR1-1231
Pa	S & S Associates Inc	780 W. DeKalb, King of Prussia, Pa	BR9-7192
RI	Instrument Dynamics Inc	11 Albion St, Wakefield, Mass	CR6-5100
SC	Specialized Electronic Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
SD	Hugh Marsland & Co	6730 E. 19th St, Indianapolis 19, Ind	ME8-2253
Tenn	Specialized Electronic Corp	529 N. 18th St, Birmingham, Ala	FA4-1615
Tex	Norvelle Associates	3601 Lemmon Ave, Dallas 19, Tex	LA6-7861
Utah	Hytronic Measurements Inc	2022 S. Main St, Salt Lake City 15, Utah	IN6-4924
Vt	Instrument Dynamics Inc	11 Albion St, Wakefield, Mass	CR6-5100
Wisc	Hugh Marsland & Co	6699 Lincoln Ave, Chicago 45, Ill	OR6-1100
Wyo	Hytronic Measurements Inc	1295 S. Bannock, Denver 23, Colo	PE3-3701
Canada	Technek Associates	1405 Bishop St, Montreal 25, Canada	VI4-7474
Foreign	Electronics Mfgrs Export Co	127 Grove St, Plainview, NY	WE1-3701
	TRION INC	**1000 Island Ave, McKees Rocks, Pa**	**FE1-3300**
	R Pryor #6 *100 E 670		
Ariz	Norman S Wright & Co	2641 E. Adams St, Phoenix, Ariz	BR5-4459
Ark	Allen Ballard Co	509 E. Markham, Little Rock, Ark	FR6-1578
Colo	Burns-Pearsall Co	120 W. 5th Ave, Denver 4, Colo	SP7-2681
Conn	Bernard H Packter Co	P.O. Box 2988, Westville Sta, New Haven	SP7-5456
DC	Clifford S Stephens	3201 Wisconsin Ave, Wash 16, DC	EM3-2132
Fla	Sanders & Hollander	P.O. Box 56, Little River Sta, Miami 38	PL4-3054
Ga	Lawrence Clayton	1054 Dean Dr, N.E., Atlanta 24, Ga	TR5-3216
Ga	Walter Strickland Co	152 Ellis St, N.E., Atlanta 3, Ga	JA5-1611
Hawaii	Air Cond Co of Hawaii	420 Kamani St, Honolulu 2, Hawaii	6-3704
Ill	Venco Inc	1515 Cullerton St, Chicago 8, Ill	MO6-7474
Ind	Wm M Shank Co	5626 Evanston Ave, Indianapolis 20, Ind	CL5-3511
Ind	Law Instrument Co	1217 E. 3rd St, Mishawaka, Ind	BL5-6167
Iowa	Hubill Co	P.O. Box 264, Bettendorf, Iowa	DA3-0031
Kan	Ray F Bauer Co	434 N. Rock Island, Wichita 2, Kan	HO4-0364
Ky	R L Craig Co., Inc	196 Colony Way, Louisville 7, Ky	TW5-6454
La	Devlin Bros	4424 Earhart Blvd, New Orleans 25, La	JA5-7984
Md	John J Barry	301 Keyser Bldg, Baltimore 2, Md	SA7-4451
Mass	Homans-Kohler Inc	P.O. Box 131, Sta A, Boston 18, Mass	LI2-6510
Me	A E Walignon	P.O. Box 2190, S. Portland, Me	SP3-1266
Mich	David S Falk Co	1460 Holden Ave, Detroit 8, Mich	TR1-2822
Minn	C L Benson Co	1912 St. Anthony Ave, St. Paul 4, Minn	MI6-1701
Miss	Air Filter Sales & Serv	449 Dory St, Jackson, Miss	2-7209
Mo	H C Sharp Co	4060 W. Pine Blvd, St. Louis 8, Mo	FR1-5355
Neb	Wain Engineering Co	512 Omaha Loan Bldg, Omaha, Neb	WE1559
NM	Keri W Swearhardt	P.O. Box 6156, Albuquerque, NM	CH6-6429
NY	John B Hewitt Co., Inc	219 E. 44th St, New York 17, NY	MU7-3350
Ohio	Rupert-Ryan Co	5430 McBride Ave, Cleveland 27, Ohio	MI1-4070
Okla	Elton C Thomas Co	927 1/2 N. W. 2nd, Oklahoma City, Okla	RE6-8147
Ore	Ed Lokay & Co	1040 N. E. Sandy Blvd, Portland 20, Ore	AL4-7378
Pa	James F Scuder Co	2130 Market St, Harrisburg, Pa	RE7-3662
Tenn	T J O'Brien Engineering Co	683 S. Main St, Memphis 5, Tenn	JA6-0339
Tex	Harold O Knapp & Co	3602 Commerce St, Dallas 26, Tex	RI7-7596
Utah	Specialty Sales Co	117 W. 2nd S. St, Salt Lake City 1, Utah	DA2-5553
Va	E Glenn Breeden Jr	P.O. Box 8792, Richmond 25, Va	AT8-1600
Wash	Clifford S Stephens	3201 Wisconsin Ave, Wash 16, DC	EM3-2132
Wash	Pacific Scientific Co	421 Michigan St, Seattle 8, Wash	PA5-7300
W. Va	Mason & Barry Inc	P.O. Box 3041, Charleston 31, W. Va	DI4-4415
Wisc	Roloff Engineering Co	8407 W. Lisbon Ave, Milwaukee 16, Wisc	HO2-0160
Canada	Trion (Canada) Ltd	212 King St, Toronto, Ontario, Canada	EM3-7556
	TRIPLETT & BARTON INC	**831 N. Lake St, Burbank, Cal**	**VI9-1291**
	1400		
	TRIPLETT ELEC INSTRUMENT CO	**Harmon Rd, Bluffton, Ohio**	**3231**
	N Triplett 895		
Ala	James Millar Associates	1036 Peachtree St. N.E., Atlanta 9, Ga	TR6-0919
Alaska	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
Ariz	Sheffer-Kahn Co	P.O. Box 1587, Phoenix, Ariz	AL8-7893
Ark	Crockett Sales Co	2204 Griffin St, Dallas 2, Tex	RI2-5794
Cal	Howard M Saul & Associates	5015 San Vicente Blvd, Los Angeles 19	WE8-7591
Colo	Gates Co	200 S. Main St, Salt Lake City 1, Utah	EL5-1301
Conn	Adams McGregor Assoc	66 Lakeview Rd. Lincoln, RI	PA6-1300
Del	Massey Associates	528 Brookhurst Ave, Narberth, Pa	MO4-4200
DC	Massey Assoc	4607 Riverside Rd, Riverdale, Md	AP7-1023
Fla	James Millar Associates	1036 Peachtree St, N.E., Atlanta 9, Ga	TR6-0919
Ga	James Millar Associates	1036 Peachtree St, N.E., Atlanta 9, Ga	TR6-0919
Hawaii	Jim Hastin Sales Co	235 Cooke St, Honolulu 3, Hawaii	
Idaho	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
Ill	Knoblock & Malone	1803 N. Newland Ave, Chicago 35, Ill	NA2-4035
Ind	Walter W Biederich	2617 Plaza Dr, Ft. Wayne 6, Ind	KE2922
Iowa	Knoblock & Malone	1803 N. Newland Ave, Chicago 35, Ill	NA2-4035
Iowa	The Hermann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Kan	H A Roes & Co	2601 Cherry St, Kansas City 8, Mo	BA1-0856
Ky	Walter W Biederich	2617 Plaza Dr, Ft. Wayne 6, Ind	KE2922
La	Crockett Sales Co	2204 Griffin St, Dallas 2, Tex	RI2-5794
Me	Adams McGregor Assoc	66 Lakeview Rd, Lincoln, RI	PA6-1300
Md	Massey Assoc	4607 Riverside Rd, Riverdale	AP7-1023
Mass	Adams McGregor Assoc	66 Lakeview Rd, Lincoln, RI	PA6-1300
Mich	ABM Sales Co	20116 Puritan Ave, Detroit, Mich	UN2-1300
Minn	The Hermann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Miss	Crockett Sales Co	2204 Griffin St, Dallas 2, Tex	RI2-5794
Mo	H A Roes & Co	2601 Cherry St, Kansas City 8, Mo	BA1-0856
Mont	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
Neb	H A Roes	2601 Cherry St, Kansas City 8, Mo	BA1-0856
Nev	Mauthrop & Hunter	165 11th St, San Francisco 3, Cal	UN3-1880
NH	Adams McGregor Assoc	66 Lakeview Rd, Lincoln, RI	PA6-1300
NJ	D F Tobias & Co., Inc	30 Church St, New York 7, NY	CO7-4350
NM	Sheffer-Kahn Co	P.O. Box 1587, Phoenix, Ariz	AL8-7893
NY	D F Tobias & Co., Inc	30 Church St, New York 7, NY	CO7-4350
NY	Frank W Taylor Co	4455 E Genesee St. DeWitt 14	GI6-3354
NC	James Millar Associates	1036 Peachtree St, N.E., Atlanta 9, Ga	TR6-0919
ND	The Hermann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Ohio	Chas H Dufloss Jr & Co	2108 Payne Ave, Cleveland 14, Ohio	PR1-1270
Okla	Lund & Co	2215 N Olive St, Dallas 1, Tex	RI3-8839
Ore	James J Becker Co	221 W. Galer St Seattle 99, Wash	AT3-6470
Pa	Massey Associates	528 Brookhurst Ave, Narberth, Pa	MO4-4200
RI	Adams McGregor Assoc	66 Lakeview Rd, Lincoln	PA6-1300
SC	James Millar Associates	1036 Peachtree St, N.E. Atlanta 9, Ga	TR6-0919

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TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
SD	The Hermann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Tenn	James Millar Associates	1036 Peachtree St, N.E., Atlanta 9, Ga	TR5-[illegible]
Tex	Lund & Co	2215 N Olive St, Dallas 1	RI8-8839
Utah	Gates Co	200 S. Main St, Salt Lake City 1, Utah	EL9-1101
Vt	Adams McGregor Assoc	95 Lakeview Rd, Lincoln, RI	PA6-1300
Va	Massey Assoc	6607 Riverside Rd, Riverdale, Md	AP7-1023
Wash	James J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
W. Va	Gene Root & Co	733 Valle Vista Ave, Pittsburgh 34, Pa	LO1-4125
Wisc	Knobloch & Malone	3603 N. Newland Ave, Chicago 34, Ill	NA2-[illegible]
Wisc	The Hermann Co	1711 Hawthorne Ave, Minneapolis 3, Minn	FE2-5457
Wyo	Gates Co	200 S. Main St, Salt Lake City 1, Utah	EL9-1101

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TRIPL-T CO ELECTRONICS	**1260 Encino Dr, San Marino, Cal**	**SY2-7687**
	455-895		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
•	**TRI-POINT PLASTICS, INC**	**175 I U Willets Rd, Albertson, NJ**	**MA1-[illegible]**
	P Regalmi *135 E 975-1290-1780-1785		
Ala	Russell Associates	3175 Maple Dr, Atlanta, Ga	CE7-[illegible]
Ariz	J W March	4216-20 W Jefferson Blvd, L A, Cal	RE2-0145
Cal	J W March	4216-20 W Jefferson Blvd, L A.	RE2-0145
Conn	Milt Paisner	706 Pontiac Ave, Cranston, RI	HO1-4457
Del	C A Fry	518 Virginia Ave, Baltimore, Md	VA3-3550
DC	C A Fry	518 Virginia Ave, Baltimore, Md	VA3-3550
Fla	Tri-Point Plastics Florida	5200 Seminole Blvd, St Petersburg	WA1-1148
Ga	W C Klingel	15328 Harbor Dr, St. Petersburg, Fla	WA1-1148
Ga	Russell Associates	3175 Maple Dr, Atlanta	CE7-[illegible]
Ill	Ed Hajduk	5150 N Mulligan Ave, Chicago	
Ind	Ed Hajduk	5150 N Mulligan Ave, Chicago	
Kan	Carl W Davis Jr	5927 Kenawee, Wichita	SH4-1954
La	Ben Kanowsky	P O Box 7313, Dallas, Tex	LA1-3191
Me	Milt Paisner	706 Pontiac Ave, Cranston, RI	HO1-4457
Md	C A Fry	518 Virginia Ave, Baltimore	
Mass	Milt Paisner	706 Pontiac Ave, Cranston, RI	HO1-4457
Mich	Marley Percival	18505 W 8 Mile Rd, Detroit	
Minn	Fred Peterson	2431 Hennepin Ave, Minneapolis	FR7-[illegible]
Mo	Carl W Davis Jr	5927 Kenawee, Wichita, Kan	SA4-1954
Nev	J W March	4216-20 W Jefferson Blvd, L A, Cal	RE2-0145
NH	Milt Paisner	706 Pontiac Ave, Cranston, RI	HO1-4457
Ohio	Acroline Scarp	Box 2003, Dayton	TU5-2661
Okla	Ben Kanowsky	Box 7313, Dallas, Tex	LA1-3191
RI	Milt Paisner	706 Pontiac Ave, Cranston	HO1-4457
Tex	Ben Kanowsky	Box 7313, Dallas	LA1-3191
Vt	Milt Paisner	706 Pontiac Ave, Cranston, RI	HO1-4457
W Va	C A Fry	518 Virginia Ave, Baltimore, Md	VA3-3550
Wis	Fred Peterson	2431 Hennepin Ave, Minneapolis, Minn	FR7-[illegible]

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TRITON ELECTRONICS INC	**62-05 30th Ave, Woodside 77, NY**	**RA1-7500**
	A Nedel #4 *60 1760		
Fla	Todd Distributing Co	3639 NW 67 St, Miami	
Ill	Nebcor Sales Co	1316 Wabash, Chicago	HA7-[illegible]
La	All South Dist	635 Baronne, New Orleans	
Mich	Lenco Photo Dist	5205 Grand River, Detroit	TY8-[illegible]
Ohio	Dunkin Sales	737 Carnegie, Cleveland	CH1-[illegible]
Wis	M T V	5407 W Center, Milwaukee	UP3-2415

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TRI-TRONICS CO	**2607 St. Charles Rd, Bellwood, Ill**	**LI4-7010**
	J Ahlswede A 365-895		
Conn	A T Hatton & Co. Inc	1000 Farmington, W. Hartford 7	AD3-3613
Del	Howard C Buerger Co	Glenside & Rices Mill Rd, Wyncote, Pa	CA4-1740
DC	Howard C Buerger Co	Glenside & Rices Mill Rd, Wyncote, Pa	CA4-1740
Ill	D Smith & Assoc	32 S. River St, Aurora	TW7-5752
Ind	Rockford Controls Co	Box 671, Glen Ellyn, Ill	HO9-[illegible]
Ind	Rockford Controls Co	Box 671, Glen Ellyn, Ill	PR1-[illegible]
Me	A T Hatton & Co. Inc	1000 Farmington Ave, W. Hartford 7, Conn	AD3-3613
Md	H C Buerger Co	Glenside & Rices Mill Rd, Wyncote, Pa	CA4-1740
Mass	A T Hatton & Co. Inc	1000 Farmington, W. Hartford 7, Conn	AD3-3613
Mo	W W Munroe Eqpt. Co	9870 Big Bend Blvd, St. Louis 22	YO5-2500
NH	A T Hatton & Co. Inc	1000 Farmington, W. Hartford 7, Conn	AD3-3613
NJ	Howard C Buerger Co	Glenside & Rices Mill Rd, Wyncote, Pa.	CA4-1740
Ohio	Rockford Controls Co	21877 Euclid Ave, Cleveland 17, Ohio	IV6-[illegible]
Pa	Howard C Buerger	Glenside & Rices Mill Rd, Wyncote, Pa.	CA4-1740
RI	A T Hatton & Co. Inc	1000 Farmington Ave, W. Hartford 7, Conn	AD3-3613
Va	A T Hatton & Co. Inc	1000 Farmington Ave. W. Hartford 7, Conn	AD3-3613
Wis	D Smith & Assoc	32 S. River St, Aurora, Ill	TW7-5752

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TROMPETER ELECTRONIC ASSOC	**7713 Oakdale Ave. Canoga Park, Cal**	**DI8-5120**
	E Trompeter #3 *8 A 338-345-375-920-925-1245-1135		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TROTT ELECTRONICS INC	**412 Smith St, Rochester 8, NY**	**HA6-0150**
	#4 *20 C 338-369-895-920-1340-1810-1915		
NY	John Lazar	26 Collingham Rd, New York, NY	LU6-6619
NY	John Lazar	200 E Highland Dr, Rochester 10	GR3-8337

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TROUGHT ASSOCIATES INC	**116 Greylock Ave, Belleville, NJ**	**PL1-0330**
	E Locher *25 C 370		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TROXLER LABS	**Box 5253, Raleigh, NC**	**TE4-8678**
	W Troxler #2 *10 B 475-895-1150		
Ill	Testlab Corp	3398 Milwaukee Ave, Chicago 41	MU5-[illegible]

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TRUCO ENGINEERING CO	**195 W Main St. Avon, Conn**	**OR7-9797**
	M Caldwell #1 *3 A 1735		
Cal	Paul F Wiley Co	1632 Silverlake Blvd, LA	
Ill	Ryan & Assoc	2505 N. Talman Ave, Chicago 47	
Mass	Michael S Caldwell Inc	41 Lancaster Rd, Needham	
NJ	D W Moler Co	Box 245, Haddonfield	
NY	Adolph Friedman Co	129 S. 5th Ave, Mount Vernon	
NY	M L Spitzer Co	Box 2324, Buffalo 23	
Ohio	Bernard L Michelson Co	315 N. Monroe St, Xenia	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TRU-CONNECTOR CORP	**416 Union St, Lynn, Mass**	**LY8-9379**
	R Peters #2 *34 D 25-345		
Ala	Perrott Associates	2701 Wright Ave, Orlando, Fla	MI4-0865
Ariz	Shefler-Kahn Co	P.O. Box 1597, Phoenix, Ariz	AL8-1893
Cal	William J Purdy Co	312 7th St, San Francisco, Cal	UN3-[illegible]
Del	Ansell Engineering	11212 Grandview Ave, Silver Spring, Md	LO5-0960
DC	Ansell Engineering	11212 Grandview Ave, Silver Spring, Md	LO5-0960
Fla	Perrott Associates	2701 Wright Ave, Orlando, Fla	MI4-0865
Ga	Perrott Associates	2701 Wright Ave, Orlando, Fla	MI4-0865
Ill	Ringland W Krueger Co	5306 W. Lawrence Ave, Chicago 30, Ill	PE6-3107
Ind	R C Frederick Co	1803 Hanna St, Ft. Wayne, Ind	HA0641
Md	Ansell Engineering	11212 Grandview Ave, Silver Spring, Md	LO5-0960
NY	R W Watcher Co, Inc	Ellicott Square Bldg, Buffalo, NY	WA2517
NY	Cooper-Drillas	90 Main St, Port Washington, NY	PO7-0470
Ohio	Walter J Braun & Assoc	19631 Lakewood Hts Blvd, Cleveland, O	LA1-7268
Pa	Richard Cooper	2537 Wellington St, Phila, Pa	MA4-5486
Va	Ansell Engineering	11212 Grandview Ave, Silver Spring, Md	LO5-0960

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
•	**TRU-OHM PRODS DIV., MODEL ENG & MFG INC**	**3426 W Diversey, Chicago 47, Ill**	**EV4-2646**
	M Jones *400 1330-1475-1480		
Ala	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Alaska	Jas J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
Ariz	Jack Berman Co	1141 S. La Cienega Blvd, L A 35, Cal	OL5-4920
Ark	Scott Technical Sales	PO Box 30324, Dallas 30, Tex	FL2-7633
Cal	Jack Berman Co	1141 S. La Cienega Blvd, L A 35, Cal	OL5-4920
Cal	David H Ross & Co	504 El Camino Real, San Carlos, Cal	LY1-4411
Colo	Peyser & Co	1501 N Weber St, Colorado Springs	ME4-3401
Conn	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
Del	Andrew A Foley Associates	P.O. Box 155, Moorestown, NJ	NO3-4545
DC	Andrew A Foley Associates	P.O. Box 155, Moorestown, NJ	NO3-4545
Fla	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Ga	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Hawaii	David H Ross & Co	504 El Camino Real, San Carlos, Cal	LY1-4411
Idaho	Peyser & Co	1501 N Weber St, Colorado Springs, Colo	ME4-3401
Ind	F E Menze	729 W. Packard Ave, Ft Wayne, Ind	KE3171
Iowa	W E Fry & Co	406 W. 34th St, Kansas City, Mo	JE1-5236
Kan	W E Fry & Co	406 W. 34th St, Kansas City, Mo	JE1-5236
Ky	F E Menze	729 W. Packard Ave, Ft. Wayne, Ind	KE3171
La	Scott Technical Sales	PO Box 30324, Dallas 30, Tex	FL2-7633
Me	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
Md	Andrew A Foley Associates	P.O. Box 155, Moorestown, NJ	NO3-4545
Mass	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
Mich	R C Merchant Co., Inc	18411 W. McNichols, Detroit 19, Mich	KE5-6080
Minn	Ed Mellus & Associates	2535 University Ave, St. Paul 14, Minn	MI6-7991
Miss	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Mo	W E Fry & Co	406 W. 34th St, Kansas City, Mo	JE1-5236
Mont	Peyser & Co	1501 N Weber St, Colorado Springs, Colo	ME4-3401
Neb	W E Fry & Co	406 W. 34th St, Kansas City, Mo	JE1-5236
Nev	Jack Berman Co	1141 S. La Cienega Blvd, L A 35, Cal	OL5-4920
NH	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
NJ	O F Mason Co	1 Wolf's Ln, Pelham NY	PE8-4510
NJ	Andrew A Foley Associates	P.O. Box 155, Moorestown, NJ	NO3-4545
NM	Peyser & Co	1501 N Weber St, Colorado Springs, Colo	ME4-3401
NY	Robert C Foster	PO Box 3381, Rochester 3	GR3-1270
NY	O F Mason Co	1 Wolf's Ln, Pelham, NY	PE8-4510
NC	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
ND	Ed Mellus & Associates	2535 University Ave, St. Paul 14, Minn	MI6-7991
Ohio	Arthur H Baier Co	13417 Cedar Rd, Cleveland 6, Ohio	FA1-[illegible]
Okla	Scott Technical Sales	PO Box 30324, Dallas 30, Tex	FL2-7633
Ore	Jas J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
Pa	Andrew A Foley Associates	P.O. Box 155, Moorestown, NJ	NO3-4545
RI	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
SC	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
SD	Ed Mellus & Associates	2535 University Ave, St. Paul 14, Minn	MI6-7991
Tenn	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Tex	Scott Technical Sales	PO Box 30324, Dallas 30	FL2-7633
Utah	Peyser & Co	1501 N Weber St, Colorado Springs, Colo	ME4-3401
Vt	Anderson Sales Co	177 State St, Boston 9, Mass	CA7-2980
Va	Floyd Fausett & Co	777 Pinehurst Terr, S.W., Atlanta 10, Ga	PL3-3104
Va	Andrew A Foley Associates	P.O. Box 155, Moorestown, NJ	NO3-4545
Wash	Jas J Backer Co	221 W. Galer St, Seattle 99, Wash	AT3-6470
Wis	E A Dickinson & Assoc	4117 N Green Bay Ave, Milwaukee 9	CO4-[illegible]
Wyo	Peyser & Co	1501 N Weber St, Colorado Springs, Colo	ME4-3401
Canada	A T R Armstrong	Box 38, Sta D, Toronto 9, Ont, Canada	RO2-75[illegible]

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TRUTONE ELECTRONICS, INC	**8912 Santa Monica Blvd. Hollywood 38, Cal**	**HO4-8118**
	M Leventhal #2 *30 C 895-1425-1895		
Ala	L R Massey Co	PO Box 724, Greenwood, Miss	GL3-3038
Ariz	Assoc Representatives, Inc	8201 Baylor Ln, Westminster, Colo	HA9-4595
Ark	Pribble-Jones & Assoc	PO Box 13313, Dallas 20, Tex	FL2-5457
Cal	E W Brandt Co	1122 Folsom St, SF 1	HE1-7710
Colo	Assoc Representatives, Inc	8201 Baylor Ln, Westminster	HA9-4595
Fla	B Bernard Halpern & Assoc	PO Box 622, N Miami Beach 62	WI5-8127
Ga	L R Massey Co	PO Box 724, Greenwood, Miss	GL3-3038
Idaho	Assoc Representatives, Inc	8201 Baylor Ln, Westminster, Colo	HA9-4595
Ill	Sobel & Assoc	7603 Forsyth Blvd, Clayton 5, Mo	PA6-4616
La	Pribble-Jones & Assoc	PO Box 13313, Dallas 20, Tex	FL2-5457
Miss	L R Massey Co	PO Box 724, Greenwood	GL3-3038
Mo	Sobel & Assoc	7603 Forsyth Blvd, Clayton 5	PA6-4616
Mont	Assoc Representatives, Inc	8201 Baylor Ln, Westminster, Colo	HA9-4595
Nev	E W Brandt Co	1122 Folsom St, San Francisco 3, Cal	HE1-7710
NM	Assoc Representatives, Inc	8201 Baylor Ln, Westminster, Colo	HA9-4595
NC	L R Massey Co	PO Box 724, Greenwood, Miss	GL3-3038
Ohio	Thomas Shelby & Assoc	319 S Franklin St, New Bremen	2774
Okla	Pribble-Jones & Assoc	PO Box 13313, Dallas 20, Tex	FL2-5457
Ore	McMillan Electronics	13101 SW 62nd Ave, Portland 19	CH4-7830
Pa	Thomas Shelby & Assoc	319 S Franklin St, New Bremen, Ohio	2774
SC	L R Massey Co	PO Box 724, Greenwood, Miss	GL3-3038
Tenn	L R Massey Co	PO Box 724, Greenwood, Miss	GL3-3038
Tex	Pribble-Jones & Assoc	PO Box 13313, Dallas 20	FL2-5457
Utah	Assoc Representatives, Inc	8201 Baylor Ln, Westminster, Colo	HA9-4595
Wash	McMillan Electronics	13101 SW 62nd Ave, Portland 19, Ore	CH4-7830
W Va	Thomas Shelby & Assoc	319 S Franklin, New Bremen, Ohio	2774
Wyo	Assoc Representatives, Inc	8201 Baylor Ln, Westminster, Colo	HA9-4595

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TRYGON ELECTRONICS INC	**111 Pleasant Ave, Roosevelt, NY**	**FR8-[illegible]**
	H Levy #6 *40 E 338-1135-1340		
Ala	Taylor Eng Inc	3004 Shamrock Dr, Greensboro, NC	BR2-0511
Ariz	T L Snitzer Co	5764 W. Pico Blvd, LA, Cal	WE8-2073
Cal	T L Snitzer Co	5764 W. Pico Blvd, LA	WE8-2073
Colo	Hytronic Measurements Inc	1295 S. Bannock St, Denver	PE3-3701
Conn	G Gostenhofer & Assoc	7 Wellington St, Waltham, Mass	TW4-9500
Del	C E Snow Co	613 Cheltenham Ave, Phila 26 Pa	LI8-8043
DC	Taylor Eng Inc	2100 St. Paul St, Baltimore, Md	BE5-9126
Fla	Taylor Eng Inc	711 Magnolia Ave, Orlando	CH1-[illegible]
Ga	Taylor Eng Inc	3004 Shamrock Dr, Greensboro, NC	BR2-0511
Idaho	Hytronic Measurements Inc	2022 S. Main St, Salt Lake City, Utah	IN6-4924
Ind	Tower Eng Co	3898 Linden Ave, Dayton 32, Ohio	CL6-0931
Ky	Tower Eng Co	3898 Linden Ave, Dayton 32, Ohio	CL6-0931
Me	G Gostenhofer & Assoc	7 Wellington St, Waltham, Mass	TW4-9500
Md	Taylor Eng Inc	2100 St. Paul St, Baltimore	BE5-9126
Mass	G Gostenhofer & Assoc	7 Wellington St, Waltham	TW4-9500
Mich	Tower Eng Co	19364 James Couzens, Detroit	DI1-[illegible]
Neb	Hytronic Measurements Inc	1295 S. Bannock St, Denver, Colo	PE3-3701
NH	G Gostenhofer & Assoc	7 Wellington St, Waltham, Mass	TW4-9500
NJ	Central Assoc	44 N. Dean St, Englewood	LO8-0808
NM	Hytronic Measurements Inc	211 Sierra SE, Albuquerque	[illegible]-4924
NY	Central Assoc	44 N. Dean St, Englewood, NJ	LO8-0808
NY	J A Reagan Co	45 N. Lake Ave, Albany	HE6-9649
NC	Taylor Eng. Inc	3004 Shamrock Dr, Greensboro	BR2-0511
Ohio	Tower Eng Co	3898 Linden Ave, Dayton 32	CL6-0931
Pa	C E Snow Co	613 Cheltenham Ave, Phila 26	LI8-8043
RI	G Gostenhofer & Assoc	7 Wellington St, Waltham, Mass	TW4-9500
SC	Taylor Eng. Inc	3004 Shamrock Dr, Greensboro, NC	BR2-0511
Utah	Hytronic Measurements Inc	2022 S. Main St, Salt Lake City	IN6-4924
Vt	G Gostenhofer & Assoc	7 Wellington St, Waltham, Mass	TW4-9500
Va	Taylor Eng. Inc	2100 St. Paul St, Baltimore, Md	BE5-9126
Wash	J K Dooley Co	3213 Western Ave, Seattle 1	AT4-8313
Wyo	Hytronic Measurements Inc	1295 S Bannock St, Denver, Colo	PE3-3701
For	Rocke Intl. Corp	13 E. 40th St, NY 16, NY	MU9-[illegible]

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TUBULAR RIVET & STUD CO	**Weston Ave, Quincy 70, Mass**	**PR3-1776**
	C Barstow #4 *650 F 355-790-1075-1120-1205-1490		
Ala	C M Sallee & Associates	P.O. Box 3595, Atlanta 16, Ga	BU9-8597
Ariz	Tubular Rivet & Stud Co	401 Via De La Paz, Pacific Palisades, Cal	GL4-7272
Ark	Cavert & Lipscomb	1127 Kirby Bldg, Dallas 1, Tex	RI7-6202
Cal	Tubular Rivet & Stud Co	401 Via De La Paz, Pacific Palisades, Cal	GL4-7272
Colo	Tubular Rivet & Stud Co	6610 W. Dakin St, Chicago 34, Ill	PE6-7472
Conn	William H Browne	53 Reed St, Rockville, Conn	TR5-[illegible]
Del	Tubular Rivet & Stud Co	11 Park Pl, New York 7, NY	WO2-3553
DC	Tubular Rivet & Stud Co	11 Park Pl, New York 7, NY	WO2-3553
Fla	C M Sallee & Associates	P.O. Box 3595, Atlanta 16, Ga	BU9-8597
Ga	C M Sallee & Associates	P.O. Box 3595, Atlanta 16, Ga	BU9-8597
Idaho	D A Olson Co	420 E. 45th St, Seattle, Wash	ME3-4133
Ill	Tubular Rivet & Stud Co	6610 W. Dakin St, Chicago 34, Ill	PE6-7472
Ill	Tubular Rivet & Stud Co	322 Chamber of Comm Bldg, Indpls 4, Ind	ME5-3748
Ill	Tubular Rivet & Stud Co	4378 Lindell Blvd, St. Louis 8, Mo	JE5-3122
Ind	Tubular Rivet & Stud Co	322 Chamber of Comm Bldg, Indpls 4, Ind	ME5-3748
Iowa	Tubular Rivet & Stud Co	6610 W. Dakin St, Chicago 34, Ill	PE6-7472
Kan	Tubular Rivet & Stud Co	4378 Lindell Blvd, St. Louis 8, Mo	JE5-3122
Ky	Tubular Rivet & Stud Co	322 Chamber of Comm Bldg, Indpls 4, Ind	ME5-3748
Ky	Tubular Rivet & Stud Co	4378 Lindell Blvd, St. Louis 8, Mo	JE5-3122
La	Cavert & Lipscomb	1127 Kirby Bldg, Dallas 1, Tex	RI7-6202
Md	Tubular Rivet & Stud Co	10 Timber Ln, Paoli, Pa	NI4-4600
Mich	Tubular Rivet & Stud Co	6830 W. McNichols Rd, Detroit 21, Mich	UN3-8954
Minn	Tubular Rivet & Stud Co	6610 W. Dakin St, Chicago 34, Ill	PE6-7472
Miss	C M Sallee & Associates	P.O. Box 3595, Atlanta 16, Ga	BU9-8597
Mo	Tubular Rivet & Stud Co	4378 Lindell Blvd, St. Louis 8, Mo	JE5-3122
Mont	D A Olson Co	420 E. 45th St, Seattle, Wash	ME3-4133
Neb	Tubular Rivet & Stud Co	4378 Lindell Blvd, St. Louis 8, Mo	JE5-3122
Nev	Tubular Rivet & Stud Co	401 Via De La Paz, Pac Palisades, Cal	GL4-7272
NJ	Tubular Rivet & Stud Co	11 Park Pl, New York 7, NY	WO2-3553
NM	Cavert & Lipscomb	1127 Kirby Bldg, Dallas 1, Tex	RI7-6202
NY	Tubular Rivet & Stud Co	11 Park Pl, New York 7, NY	WO2-3553
NC	Jake Rudisill Associates	2009 N Tryon St, Charlotte 6, NC	FR6-4792
ND	Tubular Rivet & Stud Co	6610 W. Dakin St, Chicago 34, Ill	PE6-7472
Ohio	Tubular Rivet & Stud Co	21877 Euclid Ave, Cleveland 17	IV6-5205
Ohio	Tubular Rivet & Stud Co	322 Chamber of Comm Bldg, Ind 4, Ind	ME5-3748
Okla	Cavert & Lipscomb	1127 Kirby Bldg, Dallas 1, Tex	RI7-6202
Ore	D A Olson Co	420 E. 45th St, Seattle, Wash	ME3-4133
Pa	Tubular Rivet & Stud Co	10 Timber Ln, Paoli, Pa	NI4-4600
SC	Jake Rudisill Associates	2009 N Tryon St, Charlotte, NC	FR6-4792
SD	Tubular Rivet & Stud Co	6610 W. Dakin St, Chicago 34, Ill	PE6-7472
Tenn	C M Sallee & Associates	P.O. Box 3595, Atlanta 16, Ga	BU9-8597
Tex	Cavert & Lipscomb	1127 Kirby Bldg, Dallas 1, Tex	RI7-6202
Utah	Tubular Rivet & Stud Co	401 Via De La Paz, Pac Palisades, Cal	GL4-7272
Va	Jake Rudisill Associates	2009 N Tryon St, Charlotte 6, NC	FR6-4792
Wash	D A Olson Co	420 E. 45th St, Seattle, Wash	ME3-4133
Wisc	Tubular Rivet & Stud Co	6610 W. Dakin St, Chicago 34, Ill	PE6-7472
Wyo	Tubular Rivet & Stud Co	6610 W Dakin St, Chicago 34, Ill	PE6-7472

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
	TUCOR INC	**18 Marshall St, South Norwalk, Conn**	**TE8-7591**
	R White 15 *30 C 895-1135-1880		
Cal	Cain & Co	1717 N. Highland Ave, LA 28	
Cal	Wright Engineering Co	180 E. California Blvd, Pasadena	MU1-8488
Conn	J Scott Assoc	Box 178, Wellesley Hills 81, Mass	CE5-[illegible]
Del	A M Rothman	147-12 41st Ave, Flushing 55, NY	IN3-1707
DC	A M Rothman	147-12 41st Ave, Flushing 55, NY	IN3-1707
Md	A M Rothman	147-12 41st Ave, Flushing 55, NY	IN3-1707
Mass	J Scott Assoc	Box 178, Wellesley Hills 81	CE5-[illegible]
NJ	A M Rothman	147-12 41st Ave, Flushing 55, NY	IN3-1707
NY	D B Associates	Box 294, DeWitt, Syracuse, NY	GI6-0220
NY	A M Rothman	147-12 41st Ave, Flushing 55	IN3-1707
Pa	A M Rothman	147-12 41st Ave, Flushing 55, NY	IN3-1707

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
•	**TUNG-SOL ELECTRIC INC**	**1 Summer Ave, Newark 4, NJ**	**HU4-[illegible]**
	G Keown #200 *5700 G 255-365-500-875-895-915-990-1135-1340-1445-1460-1545-1860-1880		
Ala	Tung-Sol Sales Corp	1855 Cheshire Br Rd, N.E., Atlanta, Ga	TR6-[illegible]
Alas	Ron Merritt Co	1131 Prospect St, Seattle 9, Wash	MU2-[illegible]
Ariz	Tung-Sol Sales Corp	8575 Washington Blvd, Culver City, Cal	UP0-[illegible]

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ark	Tung-Sol Sales Corp	1975 N.Hawthorne, Melrose Park, Ill	CO1-4483
Cal	Tung-Sol Sales Corp	8575 Washington Blvd, Culver City, Cal	UP0-8711
Colo	James H Blinn Co	841 Delaware St, Denver 4, Colo	KE4-8131
Conn	Tung-Sol Sales Corp	517 Lyons Ave, Irvington 11, NJ	HU4-8500
Del	Tung-Sol Sales Corp	517 Lyons Ave, Irvington 11, NJ	HU4-8500
DC	Tung-Sol Sales Corp	517 Lyons Ave, Irvington 11, NJ	HU4-8500
Fla	Tung-Sol Sales Corp	1859 Cheshire Br Rd, N.E., Atlanta, Ga	TR6-0739
Ga	Tung-Sol Sales Corp	1859 Cheshire Br Rd, N.E., Atlanta, Ga	TR6-0739
Hawaii	Tung-Sol Sales Corp	8575 Washington Blvd, Culver City, Cal	UP0-8711
Idaho	James H Blinn Co	841 Delaware St, Denver 4, Colo	KE4-8131
Ill	Tung-Sol Sales Corp	1975 N.Hawthorne, Melrose Park, Ill	CO1-4483
Ind	Tung-Sol Sales Corp	1975 N.Hawthorne, Melrose Park, Ill	CO1-4483
Iowa	Tung-Sol Sales Corp	1975 N.Hawthorne, Melrose Park, Ill	CO1-4483
Kan	Tung-Sol Sales Corp	1975 N.Hawthorne, Melrose Park, Ill	CO1-4483
Ky	Tung-Sol Sales Corp	755 W. Goodale Blvd, Columbus, Ohio	CA8-5494
La	The Branum Co	2334 Hovenhurst St, Dallas 34, Tex	CH7-7128
Me	Tung-Sol Sales Corp	517 Lyons Ave, Irvington 11, NJ	HU4-8500
Md	Tung-Sol Sales Corp	517 Lyons Ave, Irvington 11, NJ	HU4-8500
Mass	Tung-Sol Sales Corp	517 Lyons Ave, Irvington 11, NJ	HU4-8500
Mich	Tung-Sol Sales Corp	755 W. Goodale Blvd, Columbus, Ohio	CA8-5494
Minn	Tung-Sol Sales Corp	1975 N.Hawthorne, Melrose Park, Ill	CO1-4483
Miss	Tung-Sol Sales Corp	1859 Cheshire Br Rd, N.E., Atlanta, Ga	TR6-0739
Mo	Tung-Sol Sales Corp	1975 N.Hawthorne, Melrose Park, Ill	CO1-4483
Mont	James H Blinn Co	841 Delaware St, Denver 4, Colo	KE4-8131
Neb	James H Blinn Co	841 Delaware St, Denver 4, Colo	KE4-8131
Neb	Tung-Sol Sales Corp	1975 Hawthorne, Melrose Park, Ill	CO1-4483
Nev	Tung-Sol Sales Corp	8575 Washington Blvd, Culver City, Cal	UP0-8711
NH	Tung-Sol Sales Corp	517 Lyons Ave, Irvington 11, NJ	HU4-8500
NJ	Tung-Sol Sales Corp	517 Lyons Ave, Irvington 11, NJ	HU4-8500
NM	James H Blinn Co	841 Delaware St, Denver 4, Colo	KE4-8131
NY	Tung-Sol Sales Corp	517 Lyons Ave, Irvington 11, NJ	HU4-8500
NC	Tung-Sol Sales Corp	1859 Cheshire Br Rd, N.E., Atlanta, Ga	TR6-0739
ND	Tung-Sol Sales Corp	1975 N.Hawthorne, Melrose Park, Ill	CO1-4483
Ohio	Tung-Sol Sales Corp	755 W. Goodale Blvd, Columbus, Ohio	CA8-5494
Okla	The Branum Co	2334 Hovenhurst St, Dallas 34, Tex	CH7-7128
Ore	Ron Merritt Co	1320 Prospect St, Seattle 9, Wash	MU2-7337
Pa	Tung-Sol Sales Corp	517 Lyons Ave, Irvington 11, NJ	HU4-8500
Pa	Tung-Sol Sales Corp	755 W. Goodale Blvd, Columbus, Ohio	CA8-5494
RI	Tung-Sol Sales Corp	517 Lyons Ave, Irvington 11, NJ	HU4-8500
SC	Tung-Sol Sales Corp	1859 Cheshire Br Rd, N.E., Atlanta, Ga	TR6-0739
SD	Tung-Sol Sales Corp	1975 N.Hawthorne, Melrose Park, Ill	CO1-4483
Tenn	Tung-Sol Sales Corp	1859 Cheshire Br Rd, N.E., Atlanta, Ga	TR6-0739
Tex	The Branum Co	2334 Hovenhurst St, Dallas 34, Tex	CH7-7128
Utah	James H Blinn Co	841 Delaware St, Denver 4, Colo	KE4-8131
Vt	Tung-Sol Sales Corp	517 Lyons Ave, Irvington 11, NJ	HU4-8500
Va	Tung-Sol Sales Corp	517 Lyons Ave, Irvington 11, NJ	HU4-8500
Wash	Ron Merritt Co	1320 Prospect St, Seattle 9, Wash	MU2-7337
W. Va	Tung-Sol Sales Corp	755 W. Goodale Blvd, Columbus, Ohio	CA8-5494
Wisc	Tung-Sol Sales Corp	1975 N.Hawthorne, Melrose Park, Ill	CO1-4483
Wyo	James H Blinn Co	841 Delaware St, Denver 4, Colo	KE4-8131
	TUR-BO JET PRODUCTS INC	**424 S. San Gabriel Blvd, San Gabriel, Cal**	**CU3-5191**
	320		
	TURBO MACHINE CO	**840 W. Main St, Lansdale, Pa**	**ULS-5131**
	R Lawrence #20 *390 E 35-45-250-650-895-1075-1125-1135-1610		
	TURNER CO	**909 17 St, N.E., Cedar Rapids, Iowa**	**EM3-8144**
	R Smith #7 *140 E 1130		
Ala	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Alaska	Don Kohler	11532 4th Ave, N.E., Seattle, Wash	
Ariz	Wes Allinson Co	3050 Overland Ave. LA, Cal	UP0-1030
Ark	Ernest L Wilks Co	1212 Camp St, Dallas, Tex	RI7-2637
Cal	Wes Allinson Co	3050 Overland Ave, Los Angeles	UP0-1030
Cal	Logan Sales Co	150 8th St, San Francisco, Cal	HE1-0692
Colo	Gordon Moss Electronics	Box 428, Greeley, Colo	EL3-1452
Conn	Abbott & Hustis	1245 Highland Ave, Needham, Mass	HI4-5470
Del	Brown-Frederick & Assoc	220 S Easton Rd, Glenside, Pa	TU7-1325
DC	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Fla	Morris F Taylor	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Ga	Morris F Taylor	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Idaho	Don Kohler	11532 4th Ave, N.E., Seattle, Wash	
Ill	Wm M Linz & Assoc	6322 N Cicero Ave, Chicago	MU5-2022
Ind	Morris-Cunningham & Associates	6208 N.College Ave, Indianapolis, Ind	
Iowa	Paul G Scholz Co	Box 9621, Hickman Mills, Mo	SO1-6757
Kan	Paul G Scholz Co	Box 9621, Hickman Mills, Mo	SO1-6757
Ky	Morris-Cunningham & Associates	6208 N.College Ave, Indianapolis, Ind	
La	Ernest L Wilks	1212 Camp St, Dallas, Tex	RI7-2637
Me	Abbott & Hustis	1245 Highland Ave, Needham, Mass	HI4-5470
Md	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
Mass	Abbott & Hustis	1245 Highland Ave, Needham, Mass	HI4-5470
Mich	Martin Vogt	1328 Maxwell Ave, Royal Oak, Mich	LI1-1192
Minn	Northern States Sales Co	1400 Park Ave, Minneapolis, Minn	FE6-4808
Miss	Al S Engelman	3205 Crump Ave, Memphis, Tenn	GL8-6263
Mo	Paul G Scholz	Box 9621, Hickman Mills, Mo	SO1-6757
Mont	Don Kohler	11532 4th Ave, N.E., Seattle, Wash	
Neb	Paul G Scholz	Box 9621, Hickman Mills, Mo	SO1-6757
Nev	Logan Sales Co	150 8th St, San Francisco, Cal	HE1-0692
NH	Abbott & Hustis	1245 Highland Ave, Needham, Mass	HI4-5470
NJ	Willgold Electronic Sales	100 N.Village, Rockville Centre, NY	RO4-4022
NJ	Brown-Frederick & Assoc	220 S Easton Rd, Glenside, Pa	TU7-1325
NM	Gordon Moss Electronics	Box 428, Greeley, Colo	EL3-1452
NY	Willgold Electronic Sales	100 N.Village, Rockville Centre	RO4-4022
NC	Morris F Taylor Co	9431 Georgia Ave, Silver Spring, Md	JU9-4002
ND	Northern States Sales Co	1400 Park Ave, Minneapolis, Minn	FE6-4808
Ohio	Les A Morrow Co	3123 W. 117th St, Cleveland, Ohio	CL1-5700
Okla	Ernest L Wilks Co	1212 Camp St, Dallas 2, Tex	RI7-2637
Ore	Don Kohler	11532 4th Ave. NE, Seattle, Wash	
Pa	James H Podolny	5912 Penn Ave, Pittsburgh, Pa	HI1-0800
Pa	Brown-Frederick & Assoc	220 S Easton Rd, Glenside	TU7-1325
RI	Abbott & Hustis	1245 Highland Ave, Needham, Mass	HI4-5470
SC	Morris F Taylor	9431 Georgia Ave, Silver Spring, Md	JU9-4002
SD	Northern States Sales Co	1400 Park Ave, Minneapolis, Minn	FE6-4808
Tenn	Al S Engelman	3205 Crump Ave, Memphis, Tenn	GL8-6263
Tex	Ernest L Wilks	1212 Camp St, Dallas, Tex	RI7-2637
Utah	Gordon Moss Electronics	Box 428, Greeley, Colo	EL3-1452
Vt	Abbott & Hustis	1245 Highland Ave, Needham, Mass	HI4-5470
Va	Morris F Taylor	9431 Georgia Ave, Silver Spring, Md	JU9-4002

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Wash	Don Kohler	11532 4th Ave, N.E., Seattle, Wash	
W. Va	James H Podolny	5912 Penn Ave, Pittsburgh, Pa	HI1-0800
Wisc	Wm M Linz & Assoc	6322 N Cicero Ave, Chicago	MU5-2022
Wyo	Gordon Moss Electronics	Box 428, Greeley, Colo	EL3-1452
Can	Canadian Marconi Co	830 Bayview Ave, Toronto 17, Ont	AT9441
Foreign	Ad Auriema inc	85 Broad St, New York, NY	BO9-7751
	TURNER CORP	**821 Park Ave, Sycamore, Ill**	**SY4545**
	895-1025		
Cal	F L Wanko	205 Johnstone Dr, San Rafael, Cal	EL6-4729
Cal	R L Junberg	1228 A 18th St, Santa Monica, Fla	
Cal	R P Huffman	3728 Tilden Ave, Los Angeles, Cal	VE9-3793
Ill	R E Davis	821 Park Ave, Sycamore, Ill	4545
Ill	L E McMillin	22-34 N. 76th Ct, Elmwood Park, Ill	GL6-6094
Ill	B W Nitz	952 W. Main St, Genoa, Ill	4-3371
Mass	J J Cinnan	113 Azalea Dr, Norwood, Mass	NO7-7802
Mich	A W Zelda	21620 Blackburn, St. Clair Shores, Mich	PR2-9278
Mo	P E Rosenbaum	12300 E 47 Terr, Independence, Mo	FL3-1816
NY	D Smith Jr	226-17 Kingsbury Ave, Bayside, L I, NY	SP6-5875
NY	C S Sliter	2 Colony Circle, Camillus, NY	HO8-0237
NC	R R Griffin Jr	1206 Glarg Ave, Gastonia, NC	UN5-5792
Ohio	J G Payne Jr	8752 Neptune Dr, Mt. Healthy, Ohio	WE1-0621
Ohio	E F Dennis	7606 Charlton Circle, Northfield	IM7-7802
Pa	J R Bulmer	Box 137, Wexford, Pa	WE5-2973
Pa	C L Brown	412 Linden Ave, Glenside, Pa	TU7-1841
Tenn	J C Agneta	5351 Brenton Ave, Memphis, Tenn	MU5-1310
Tex	L B Strange	2713 Hanover St, Dallas, Tex	EM1-6E584
	TWENTIETH CENTURY ELECTRONICS LTD CENTRONICS WORKS		
	King Henry's Dr, New Addington, Surrey, England		**LO2121**
	R Loveless 250-500-885-1125-1545-1880-1915		
	TWIN CITY METALSEAL CORP	**801 S.E. 8th St, Minneapolis 14, Minn**	**FE9-7701**
	585-730-1155		
	TWIN LOCK INC	**1024 W. Hillcrest, Inglewood, Cal**	**OR8-4773**
	1810		
Cal	Lee Ford & Associates	3101 Washington Blvd, Venice, Cal	EX8-3214
Cal	Key Electronic Inc	8533 Sunset Blvd, Hollywood, Cal	OL5-9140
Cal	Jerry Deane	1575 Laurel St, San Carlos, Cal	LY1-4423
Colo	Vinson Associates	3600 S. Lincoln, Englewood, Colo	SU9-2051
Fla	Perrott Associates	1224 E. Colonial Dr, Orlando, Fla	GA4-5744
Ind	R T Mathews & Co	1127 Wells St, Ft. Wayne, Ind	EA0917
Md	R B Barnhill & Associates	19 W. Pennsylvania Ave, Towson, Md	VA5-3431
Mo	Zak-Cowen & Associates Inc	7730 Carondelet, St. Louis 5, Mo	PA7-8559
NJ	Wald Research Inc	566 Broad St, Glen Rock, NJ	OL2-5930
Ohio	Edwards-Lohne & Co	2123 E. 9th St, Cleveland 15, Ohio	TO1-5753
Tex	Hank Lieberman & Associates Inc	1005 Northwood Rd, Dallas 25, Tex	EM8-3452
Wisc	Ken Steinke Sales	7731 W. Morgan Ave, Milwaukee, Wisc	LI5-4986
	TYCO SEMICONDUCTOR CORP	**Hickory La, Bear Hill, Waltham 54, Mass**	**TW9-2400**
	H Zeller #15 *35 C 500-1445-1860		
Ala	Atchinson & Adams	601 N Elm St., Greensboro, NC	BR2-6838
Ariz	Allen I Williams Co	3033 N Central Ave., Phoenix	
Ark	N S Brown Assoc	5852 Boca Raton Dr. Dallas 30, Tex	
Cal	Malcolm Ross & Co	1623 S La Cienega Blvd. L A 35	
Colo	Allen I Williams Co	2263 S Albion St., Denver 22	SK6-9403
Conn	Michael Scott Co	336 Washington St. Wellesley Hills, Mass	CE5-0102
Del	L D Lowry Inc	51 E Wynnewood Dr, Wynnewood, Pa	MI2-9100
Fla	Atchinson & Adams	Box 133, Fern Park	
Ga	Atchinson & Adams	601 N Elm St, Greensboro, NC	BR2-6838
Idah	Dave M Lee Co, Inc	3527 NE Union Ave. Portland 12, Ore	
Ill	Berndt & Assoc	6322 N Milwaukee Ave, Chicago 46	
Ind	Edwin A Schulz Co	721 Sherwood Rd, Indpls 20	
Ky	Edwin A Schulz Co	721 Sherwood Dr, Indpls 20, Ind	
La	N S Brown Assoc	5852 Boca Raton Dr, Dallas 30, Tex	
Me	Michael Scott Co	336 Washington St, Wellesley Hills, Mass	CE5-0102
Md	L D Lowry Inc	4508 Annapolis Rd, Bladensburg	
Mass	Michael Scott Co	336 Washington St, Wellesley Hills	CE5-0102
Minn	Edward Hoffman Co	Selby & Snelling Aves. St. Paul 4	MI5-4652
Miss	Atchinson & Adams	601 N Elm St., Greensboro, NC	BR2-6838
Mont	Dave M Lee Co, Inc	3527 NE Union Ave, Portland Ore	
Neb	Allen I Williams Co	2263 S Albion St, Denver 22, Colo	SK6-9403
Nev	Allen I Williams Co	2263 S Albion St, Denver 22, Colo	SK6-9403
NH	Michael Scott Co	336 Washington St, Wellesley Hills, Mass	CE5-0102
NJ	Bressler Assoc	4808 Bergen Line Ave, Union City	UN4-9577
NM	Allen I Williams Co	3221 Silver Ave SE, Albuquerque	
NY	Bressler Assoc	4808 Bergen Line Ave, Union City, NJ	OX5-0255
NC	Atchinson & Adams	601 N Elm St, Greensboro	BR2-6838
Okla	N S Brown Assoc	5852 Boca Raton Dr, Dallas 30, Tex	
Ore	Dave M Lee Co, Inc	3527 NE Union Ave, Portland 12	
Pa	Bressler Assoc	4808 Bergen Line Ave, Union City, NJ	UN4-9577
RI	Michael Scott Co	336 Washington St, Wellesley Hills, Mass	CE5-0102
SC	Atchinson & Adams	601 N Elm St, Greensboro, NC	BR2-6838
Tenn	Atchinson & Adams	Box 157, Nashville	
Tex	N S Brown Assoc	5852 Boca Raton Dr, Dallas 30	
Utah	Allen I Williams Co	320 E 4th S, Salt Lake City	
Vt	Michael Scott Co	336 Washington St, Wellesley Hills, Mass	CE5-0102
Wash	Dave M Lee Co, Inc	3527 NE Union Ave, Portland 12, Ore	
Wis	Berndt & Assoc	6322 N Milwaukee Ave. Chicago 46, Ill	
Wyo	Allen I Williams Co	2263 S Albion St, Denver 22, Colo	SK6-9403
	TYLER CO., W S	**3620 Superior Ave, Cleveland 14, Ohio**	**HE1-5400**
	W Mehlig G 620-625-1530		
Ala	John M Craig	P. O. Box 5992, Birmingham 9, Ala	TR1-8782
Ariz	W S Tyler Co	3540 Wilshire Blvd, Los Angeles 5, Cal	DU1-2101
Ark	W S Tyler Co	Republic Natl Bank Bldg, Dallas, Tex	RI2-6720
Cal	W S Tyler Co	3540 Wilshire Blvd, Los Angeles 5, Cal	DU1-2101
Cal	W S Tyler Co	Russ Bldg, San Francisco 4, Cal	SU1-1460
Colo	J L Peterson	81 E. 7th S., Salt Lake City 11, Utah	EM4-1733
Conn	W S Tyler Co	750 3rd Ave, New York 17, NY	YU6-9070
Del	W S Tyler Co	Phila Natl Bank Bldg, Phila, Pa	LO3-6055
DC	W S Tyler Co	Phila Natl Bank Bldg, Phila, Pa	LO3-6055
Fla	W S Tyler Co	Hurt Bldg, Atlanta 3, Ga	MU8-2504
Ga	W S Tyler Co	Hurt Bldg, Atlanta 3, Ga	MU8-2504

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Idaho	J L Peterson	81 E. 7th S., Salt Lake City 11, Utah	EM4-1733
Ill	W S Tyler Co	228 S Michigan Ave, Chicago 4	WA2-0715
Iowa	V A Kaufman	4915 1st Ave, S., Minneapolis, Minn	TA3-0848
La	John M Craig	P. O. Box 5992, Birmingham 9, Ala	TR1-8782
Me	W S Tyler Co	Statler Bldg, Boston 16, Mass	HA6-0401
Md	W W King	803 Kingston Rd, Baltimore 12, Md	DR7-6622
Mass	W S Tyler Co	Statler Bldg, Boston 16, Mass	HA6-0401
Minn	V A Kaufman	4915 1st Ave, S., Minneapolis, Minn	TA3-0848
Miss	John M Craig	P. O. Box 5992, Birmingham 9, Ala	TR1-8782
Mont	J L Peterson	81 E. 7th S., Salt Lake City 11, Utah	EM4-1733
Neb	V A Kaufman	4915 1st Ave, S., Minneapolis, Minn	TA3-0848
Nev	W S Tyler Co	3540 Wilshire Blvd, Los Angeles 5, Cal	DU1-2101
NH	W S Tyler Co	Statler Bldg, Boston 16, Mass	HA6-0401
NJ	W S Tyler Co	750 3rd Ave, New York 17, NY	YU6-9070
NM	W S Tyler Co	3540 Wilshire Blvd, Los Angeles 5, Cal	DU1-2101
NY	W S Tyler Co	750 3rd Ave, New York 17, NY	YU6-9070
NC	W S Tyler Co	Hurt Bldg, Atlanta 3, Ga	MU8-2504
ND	V A Kaufman	4915 1st Ave, S., Minneapolis, Minn	TA3-0848
Okla	W S Tyler Co	Republic Natl Bank Bldg, Dallas, Tex	RI2-6720
Pa	H F Lawrence	5506 5th Ave, Pittsburgh 32, Pa	MU1-6399
Pa	W S Tyler Co	Phila Natl Bank Bldg, Phila, Pa	LO3-6055
RI	W S Tyler Co	Statler Bldg, Boston 16, Mass	HA6-0401
SC	W S Tyler Co	Hurt Bldg, Atlanta 3, Ga	MU8-2504
SD	V A Kaufman	4915 1st Ave, S., Minneapolis, Minn	TA3-0848
Tenn	W S Tyler Co	Hurt Bldg, Atlanta 3, Ga	MU8-2504
Tex	W S Tyler Co	Republic Natl Bank Bldg, Dallas, Tex	RI2-6720
Utah	J L Peterson	81 E. 7th S., Salt Lake City 11, Utah	EM4-1733
Vt	W S Tyler Co	Statler Bldg, Boston 16, Mass	HA6-0401
Wash	J E Sipprell	16040 37th Ave NE, Seattle 55	EM4-2670
W. Va	H F Lawrence	5506 5th Ave, Pittsburgh 32, Pa	MU1-6399
Wisc	V A Kaufman	4915 1st Ave, S., Minneapolis, Minn	TA3-0848
Wyo	J L Peterson	81 E. 7th S., Salt Lake City 11, Utah	EM4-1733
	U B S CHEMICAL CO DIV		
	A E STALEY	**491 Main St, Cambridge, Mass**	**UN4-7300**
	#4 *206 F 30-315-1290		
Cal	Saltsberg	8161 W. 3rd St, Los Angeles, Cal	
Cal	Everitt & Roy Inc	1556 Industrial St, Los Angeles 21, Cal	MA7-7446
Del	Dalton & Craig	32 Berning Rd, Claymont, Del	SY8-3139
DC	Dalton & Craig	32 Berning Rd, Claymont, Del	SY8-3139
Ga	Byrd Miller	UBS Chemical Corp, Mauldin, SC	GO3-4611
Ill	George Thurman	253 W. Crystal Ave, Lombard, Ill	MA7-6106
Ill	U B S Chemical	P.O. Box 117, Lemont, Ill	
Ill	U B S Chemical	4616 Augusta Blvd, Chicago, Ill	
Ind	George Thurman	253 W. Crystal Ave, Lombard, Ill	MA7-6106
Iowa	George Thurman	253 W. Crystal Ave, Lombard, Ill	MA7-6106
Me	Daniel J Butler	P.O. Box 11, Auburn, Me	
Me	Bertram Dyer	17 Birch Ave, Lewiston, Me	
Md	Dalton & Craig	32 Berning Rd, Claymont, Del	SY8-3139
Mass	E H Pratt	Normandie Rd, Dover, Mass	
Mass	Launcelot Leonard	499 Lebanon Rd, Melrose, Mass	
Minn	George Thurman	253 W. Cyrstal Ave, Lombard, Ill	MA7-6106
Mo	George Thurman	253 W. Crystal Ave, Lombard, Ill	MA7-6106
Mo	Shoe Factory Supplies	1200 S. Grand Blvd, St. Louis 4, Mo	
NH	William Morrissey	2521 N. River Rd, Manchester, NH	
NJ	UBS Chemical Co	117 Liberty St, New York 6, NY	CO7-6521
NY	UBS Chemical Co	117 Liberty St, New York 6, NY	CO7-6521
NY	Edward Howard	P.O. Box 172, Endicott, NY	
NC	UBS Chemical Corp	Mauldin, SC	GO3-4611
Ohio	Ernest Muntecsy	11840 Clifton Blvd, Lakewood 7, Ohio	
Ohio	Paul A Bardon Co	5505 Montgomery Rd, Cincinnati, Ohio	
Pa	Dalton & Craig	32 Berning Rd, Claymont, Del	SY8-3139
Pa	Seymour Shrider	2845 Jefferson St, Harrisburg, Pa	
SC	U B S Chemical	Mauldin, SC	
Va	Dalton & Craig	32 Berning Rd, Claymont, Del	SY8-3139
Wisc	George Thurman	253 W. Crystal Ave, Lombard, Ill	MA7-6106
Wisc	Ward & Kennedy Co	1225 N. Water St, Milwaukee, Wisc	
Canada	Fraser & Davis Ind Supplies Ltd	1584 Sherbrook St, W., Montreal, Quebec, Canada	
Foreign	UBS Chem Corp	117 Liberty St, New York 6, NY	WO2-4794
	U N ALLOY STEEL CORP	**361 Dorchester Ave, Boston 27, Mass**	
	1125		
	USI ROBODYNE DIV. US INDUSTRIES	**12345 New Columbia Pike, Silver Spring, Md**	**MA2-1250**
	W McKinsey #76 *125 A 615-895-1075-1245-1440-1460-1470-1825		
•	**UCINITE CO DIV UCC**	**459 Watertown St, Newtonville, Mass**	**LA7-8400**
	H Petri 150-185-280-338-345-375-615-905-920-925-985-990-1120-1285-1290-1315-1330-1735-1780-1855		
Ala	United Carr Fastener	45 11th St, N.E., Atlanta, Ga	TR4-3026
Ariz	United Carr Fastener	1709 W. 8th St, Los Angeles, Cal	HU3-6810
Ark	United Carr Fastener	1500 Jackson St, Dallas, Tex	RI8-7182
Cal	United Carr Fastener Corp	727 Industrial Way, San Carlos	LY1-8875
Cal	United Carr Fastener	1709 W. 8th St, Los Angeles, Cal	HU3-6810
Colo	United Carr Fastener	1709 W. 8th St, Los Angeles, Cal	HU3-6810
Conn	United Carr Fastener	378 Washington St, Wellesley Hills, Mass	CE5-7410
Del	United Carr Fastener	475 5th Ave, New York City, NY	MU5-3932
DC	United Carr Fastener	475 5th Ave, New York City, NY	MU5-3932
Fla	United Carr Fastener	45 11th St, N.E., Atlanta, Ga	TR4-3026
Ga	United Carr Fastener	45 11th St, N.E., Atlanta, Ga	TR4-3026
Idaho	United Carr Fastener	Second & Columbia, Seattle, Wash	MA2-5821
Ill	United Carr Fastener	35 E. Wacker Dr, Chicago, Ill	FR2-6693
Ill	Cinch Mfg. Co	1026 S. Homan Ave, Chicago, Ill	NE2-2200
Ind	United Carr Fastener	35 E. Wacker Drive, Chicago, Ill	FR2-6693
Iowa	United Carr Fastener	35 E. Wacker Dr, Chicago, Ill	FR2-6693
Iowa	United Carr Fastener	35 E. Wacker Dr, Chicago, Ill	FR2-6693
Ky	United Carr Fastener	35 E. Wacker Dr, Chicago, Ill	FR2-6693
La	United Carr Fastener	45 11th St, N.E., Atlanta, Ga	TR4-3026
La	United Carr Fastener	1500 Jackson St, Dallas, Tex	RI8-7182
Me	United Carr Fastener	378 Washington St, Wellesley Hills, Mass	CE5-7410
Md	United Carr Fastener	475 5th Ave, New York, NY	MU5-3932
Mass	United Carr Fastener	378 Washington St, Wellesley Hills, Mass	CE5-7410
Mich	United Carr Fastener	2832 E. Grand Blvd, Detroit, Mich	TR3-9500
Minn	United Carr Fastener	35 E. Wacker Dr, Chicago, Ill	FR2-6693
Miss	United Carr Fastener	45 11th St, N.E., Atlanta, Ga	TR4-3026
Mo	United Carr Fastener	35 E. Wacker Dr, Chicago, Ill	FR2-6693
Mont	United Carr Fastener	Second & Columbia, Seattle, Wash	MA2-5821

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Neb	United Carr Fastener	35 E. Wacker Dr, Chicago, Ill	FR2-6693
Nev	United Carr Fastener	1709 W. 8th St, Los Angeles, Cal	HU3-6810
NH	United Carr Fastener	378 Washington St, Wellesley Hills, Mass	CE5-7410
NJ	United Carr Fastener	475 5th Ave, New York, NY	MU5-3932
NM	United Carr Fastener	1709 W. 8th, Los Angeles, Cal	HU3-6810
NY	United Carr Fastener	475 5th Ave, New York, NY	MU5-3932
NC	United Carr Fastener	45 11th St N.E., Atlanta, Ga	TR4-3026
ND	United Carr Fastener	35 E. Wacker Dr, Chicago, Ill	FR2-6693
Ohio	United Carr Fastener Corp	2929 Euclid Dr, Cleve	TO1-7557
Okla	United Carr Fastener	1500 Jackson St, Dallas, Texas	RI9-7812
Ore	United Carr Fastener	Second & Columbia, Seattle, Wash	MA2-5821
Pa	United Carr Fastener	3701 N. Broad St, Philadelphia, Pa	BA5-4775
RI	United Carr Fastener	378 Washington St, Wellesley Hills, Mass	CE5-7410
SC	United Carr Fastener	45 11th St N.E., Atlanta, Ga	TR4-3026
SD	United Carr Fastener	35 E. Wacker Dr, Chicago, Ill	FR2-6693
Tenn	United Carr Fastener	45 11 St N.E., Atlanta, Ga	TR4-3026
Tex	United Carr Fastener	1500 Jackson St, Dallas, Texas	RI9-7812
Utah	United Carr Fastener	1709 W. 8th St, Los Angeles, Cal	HU3-6810
Vt	United Carr Fastener	378 Wash St, Wellesley Hills, Mass	CE5-7410
Va	United Carr Fastener	475 5th Ave, New York, NY	MU5-3932
Wash	United Carr Fastener	Second & Columbia, Seattle, Wash	MA2-5821
W Va	United Carr Fastener Corp	2929 Euclid Dr, Cleveland Ohio	TO1-7557
Wisc	United Carr Fastener	35 E. Wacker Dr, Chicago, Ill	FR2-6693
Wyo	United Carr Fastener	1709 W. 8th St, Los Angeles, Cal	HU3-6810
Canada	United Carr Fastener Ltd of Can	Sage Ave & Beach Rd, Hamilton, Ontario	LI4-5791

• **ULANET CO., GEORGE** — 413 Market St, Newark 5, NJ — MA2-6876
C Mc Quaid #3 *30 B 1735-1805

ULMER CO H W — 2941 San Luis Rey Rd. Oceanside, Cal. — SA2-1511
B 330-338-345-350-735-820-895-1075-1375-1460-1735-1810-1855-1880-1945

TERR			TEL. NO.
Ariz	Fieldtec	Box 325, Tustin, Cal	LI4-5615
Cal	Fieldtec	Box 325, Tustin	LI4-5615
Cal	Cell Eqpt. Inc	Box 46, San Gabriel	CU3-8407
NM	Fieldtec	Box 325, Tustin, Cal	LI4-5615

ULTEK CORP — 920 Commercial St, Palo Alto, Cal — DA1-4117
C Pierney #10 *40 D 250-1135-1375

TERR			TEL. NO.
Ala	Kinney Vac Div NY Air Brake	1325 Admiral Wilson Blvd, Camden, NJ	WO6-5050
Alas	King-Knight Co	360 Jefferson St, San Francisco, Cal	PR6-2700
Ariz	Kinney Vac Div NY Air Brake	5058 Venice Blvd, Los Angeles, Cal	WE8-7291
Cal	King-Knight Co	360 Jefferson St, San Francisco	PR6-2700
Cal	Kinney Vac Div NY Air Brake	5058 Venice Blvd, Los Angeles	WE8-7291
Cal	Fieldtec Engr. Service	Box 325, Tustin	LI4-5615
Colo	Kinney Vac Div NY Air Brake	17-19 S LaGrange Rd, LaGrange, Ill	FL2-1280
Conn	Kinney Vac Div NY Air Brake	30 Church St, New York 7, NY	JA2-7100
Fla	Kinney Vac Div NY Air Brake	135 Park St, Jacksonville	EL4-6986
Ill	Kinney Vac Div NY Air Brake	17-19 LaGrange Rd, LaGrange	FL2-1280
Ky	Kinney Vac Div NY Air Brake	240 E 305th St, Willowick, Ohio	WH3-6800
Ohio	Ultek, Corp	13917 Cedar Rd, Cleveland	ER1-4644
Ore	Electro-Glass Ltd	400 SW 114th St, Beaverton	MI4-2148
Pa	Ultek, Corp	Broad & Chestnut, Phila	LO3-3820
Wash	Walsh Assoc	1138 Poplar Pl, Seattle	EA2-1155

ULTRA ELECTROFORMING & MFG CO — 112 Cedar Ave, Pitman 6, NJ — LU9-7666
E Carter #1 *68 C 560-1305

ULTRA-MOTIVE CO — 7460 Girard Ave. La Jolla, Cal — GL4-4271
L Wilson, Jr #6 *12 265-290-315-1075-1915

TERR			TEL. NO.
Ariz	Howe & Howe	Box 10487, Phoenix	AM5-9185
Colo	Duane Electronics	10669 Carol Ln, Denver 29	
Utah	Duane Electronics	5782 S. 1050 E. Salt Lake City	

ULTRASONIC ENGINEERING CO — Box 209, Maywood, Ill — FI4-8814
895-1915

• **ULTRASONIC INDUSTRIES, INC** — Ames Court, Plainview, NY — OV1-2600
H Frankel #4 *55 E 265-360-895-1075-1640-1915

TERR			TEL. NO.
Ala	Jerome A Lewis	500 S. 19th St, Birmingham	
Ala	Ridge Instrument Co	208 Lincoln St, SE, Huntsville	
Cal	Ralph Lundy	1063 Howard St, SF	
Cal	Cal Edmonds	4959 Morris Ave, San Diego	
Colo	National Camera Repair School	Box 174, Englewood	
Colo	Western Electric	675 Wolff, Denver	
Conn	Electric Indicator	Camp Ave, Stamford	
Fla	United Tool Supply Co	3220 46th Ave, N, St. Petersburg	
Fla	A J Marocchi-A J M Corp	1900 Central Ave, St. Petersburg	
Ill	Production Methods Co	2941 Touhy Ave, Chicago 45	
Ill	Ray R Denney	311 S. Morse St, Roachdale	
Ind	Midwest Fire & Safety Eqpt. Co. Inc	1920 Prospect St, Indpls.	
Ind	Welding Eqpt & Supply Co	2047 E. 46th St, Indpls.	
Iowa	Dan Alven	718 12th St, Ames	
Ky	B Preiser Co, Inc	945 S. Third St, Louisville	
La	Tomart Co	405 2nd Ave, SE Cedar Rapids, Iowa	
Md	Federal Scientific Co	10421 Metropolitan Ave, Kensington	
Mass	Lafayette Radio Corp	110 Federal St, Boston	
Mass	Electromatic Inc	Box 444, Waltham	
Mich	Sonodyne Corp	Rt 2, Beaverton	
Mich	Anderson Eng. Corp	13671 Grand River, Detroit	
Minn	Electronic Eng. Services	1413 12th Ave, NE Rochester	
Mo	Ebinger Electronics Inc	2501 S. Jefferson St, Louis 4	
Mo	Electron Devices	2711 E. Linwood Springfield	
Mont	Electric City Radio Supply	1825 10th Ave, Great Falls	
NJ	Edmund Scientific Co	101 E. Gloucester Pike, Barrington	
NJ	Earl Wadsworth	13 Morsmere Rd, Morris Plains	
NM	Radio Specialties Co, Inc	209 Penn Ave, Alamogordo	
NY	Lafayette Radio Electronic Corp	L 65-08 Liberty Ave, Jamaica 32	
NY	Victor Pietersell	305 Webster Ave, Rochester 9	
NY	Gartner Eqpt Co	302 Sand St, Syracuse	
Ohio	Colman Bros. Inc	737 Prospect Ave, Cleve 15	
Ohio	Zenith TV Service	3407 South Ave, Youngstown	
Okla	William L Riggs Co	600 S. 129 E Ave, Tulsa	
Pa	Tyler Griffin Co	32 S. Fairfield Rd, Devon	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Pa	Joseph Kramer & Sons	720 Sansom St, Phila	
SD	Harry E Colwell	1213 S. Jefferson Ave, Sioux Falls	
Tenn	Hirsh Electronics	1858 Union Ave, Memphis	
Tenn	Ridge Instrument Co	182 Tabor Rd, Oak Ridge	
Utah	Skyline Chemical Co, Inc	3701 S. State St, Salt Lake City	
Tex	Ralph S Marks	1745 Portsmouth, Houston	
Tex	McGuire's Sound Center	417 Texas Ave, Texarkana	
Wash	Bonneville X-Ray Sales Co	514 Seneca St, Seattle	
W Va	G C Wilson & Co	1916 8th Ave, Huntington	
W Va	B Preiser & Co, Inc	980 MacCorkle Ave SW Charleston	
Wis	Lakeland Process Inc	3234 N. Shepherd Ave, Milwaukee	
Can	Ultrasonic Industries	292 Carlaw Ave, Downsview, Ont	
Can	Western Ultrasonic Eqpt, Inc	11544 Jasper Ave, Edmonton Alt	
For	Bay & C S P A	Via Fratelli Fiz 24, Milan, Italy	
For	Dentist Supplies Ltd	Box 2815, Auckland C1, New Zealand	
For	Stanley Watts Co. Pty. Ltd	Loveday St, Johannesburg S. Africa	
For	Thos P Headland Ltd	10 Melior Rd, Peckham, London 15, Eng	
For	Sonoplam Co	Box 34/91, Vaduz, Fuerstentum Liechtenstein	
For	G R D Industries P & Y Ltd	6 Railway Walk, Camberwell Victoria, Aus	

ULTRASONIC SYSTEMS INC — 2255 S. Carmelina Ave. LA 64, Cal — GR3-6503
R Frye #4 *25 A 360-450-475-695-895-1100-1655-1850-1855-1915

TERR			TEL. NO.
Cal	Carter Co	511 O'Neill Ave, Belmont	LY1-8237
Ga	Barnett Assoc	847 Scott Circle, Decatur	
Ill	Lambert-St. Louis Enterprises	Box 8022, St. Louis 34, Mo	PE1-3949
Kan	Lambert-St Louis Enterprises	Box 8022, St Louis 34, Mo	PE1-3949
Mich	R O Hull & Co, Inc	3136 Hilton St, Detroit 20	JO4-5540
Mo	Lambert-St. Louis Enterprises	Box 8022, Lambert St, St. Louis 34	PE1-3949
NM	Aztec Enterprises	525 San Pedro NE, Albuquerque	AM8-6421
Ohio	R O Hull & Co. Inc	1300 Parsons Ct, Rocky River 16	ED1-5100
Pa	Donaghue Assoc	977 Perry Hwy, Pittsbgh 37	WE1-4878

ULTRA-VIOLET PRODUCTS INC — 5114 Walnut Grove Ave, San Gabriel, Cal — CU3-3193
L McCarthy #2 *35 D 265-890-895-950-970-990-1240-1385-1880

ULTRONIX INC — 111 E. 20 Ave, San Mateo, Cal — FI5-7921
D Persen #12 *200 D 145-310-515-895-1150-1300-1330-1475-1790

TERR			TEL. NO.
Ala	Gentry Assoc	1951 Oak Ln, Orlando, Fla	GA4-0730
Ariz	Penwarden/Dailey Assoc	7311 Van Nuys Blvd, Van Nuys, Cal	TR3-1547
Cal	Penwarden/Dailey Assoc	7311 Van Nuys Blvd, Van Nuys	TR3-1547
Colo	Rowley-Bouvette Inc	651 S. Jason, Denver 23	WA2-2624
Conn	John J Goode Assoc	Box 176, Wellesley Hills, Mass	CE5-0552
Del	L G Korman Assoc	Box 55, Kingsville, Md	LY2-7898
DC	L G Korman Assoc	Box 55, Kingsville, Md	LY2-7898
Fla	Gentry Assoc	1951 Oak Ln, Orlando	GA4-0730
Ga	Gentry Assoc	1951 Oak Ln, Orlando, Fla	GA4-0730
Haw	Penwarden/Dailey Assoc	7311 Van Nuys Blvd, Van Nuys, Cal	TR3-1547
Idah	C E Riggs Inc	408 Occidental Ave, Seattle, Wash	MA3-5707
Ill	Knobloch & Malone Inc	1603 N. Newland Ave, Chicago 35, Ill	NA2-4005
Ind	Knobloch & Malone Inc	1603 N. Newland Ave, Chicago 35, Ill	NA2-4005
Kan	Thomson Eng. Service	4230 Forsyth Blvd, St. Louis 5, Mo	PA7-7705
Me	John J Goode Assoc	Box 176, Wellesley Hills, Mass	CE5-0552
Md	L G Korman Assoc	Box 55, Kingsville	LY2-7898
Mass	John J Goode Associates	P.O. Box 176, Wellesley Hills 81, Mass	CE5-0552
Mich	Tower Eng. Co	20964 James Couzens Hwy, Detroit	DI1-2332
Minn	Knobloch & Malone Inc	1603 N. Newland Ave, Chicago 35, Ill	NA2-4005
Miss	Gentry Assoc	1951 Oak Ln, Orlando, Fla	GA4-0730
Mo	Thomson Eng. Service	4230 Forsyth Blvd, St. Louis 5	DI1-2332
Nev	Penwarden/Dailey Assoc	7311 Van Nuys Blvd, Van Nuys, Cal	TR3-1547
NH	John J Goode Assoc	Box 176, Wellesley Hills, Mass	CE5-0552
NJ	Centronic Assoc	1551 Franklin Ave, Mineola, NY	PI1-8966
NM	Rio Grande Sales Co	2003 San Mateo Blvd, SE, Albuquerque	AM8-5285
NY	Centronic Associates	1551 Franklin Ave, Mineola, NY	PI1-8966
NY	E W Stone Co	308 Merritt Ave, Syracuse 7, NY	HO8-3825
NC	M J McDonald Co	Rt. 1, Pfafftown	WA4-2182
Ohio	Tower Eng. Co	3898 Linden Ave, Dayton 32	CL6-0931
Okla	Thomson Eng. Service	4230 Forsyth Blvd, St. Louis 5, Mo	DI1-2332
Ore	C E Riggs Inc	408 Occidental Ave, Seattle, Wash	MA3-5707
Pa	L G Korman Assoc	Box 55, Kingsville, Md	LY2-7898
Pa	Tower Eng. Co	3898 Linden Ave, Dayton 32, Ohio	CL6-0931
RI	John J Goode Assoc	Box 176, Wellesley Hills, Mass	CE5-0552
SC	M J McDonald Co	Rt. 1, Lake Hills, Pfafftown, NC	WA4-2182
Tenn	M J McDonald Co	Rt. 1, Lake Hills, Pfafftown, NC	WA4-2182
Tex	Thomson Eng. Service	2520 Oak Lawn, Dallas 19	LA6-8741
Utah	Rowley-Bouvette Inc	955 Folsom Ave, Salt Lake City, Utah	DA2-2041
Vt	John J Goode Assoc	Box 176, Wellesley Hills, Mass	CE5-0552
Va	M J McDonald Co	Rt. 1, Lake Hills, Pfafftown, NC	WA4-2182
Wash	C E Riggs Inc	408 Occidental Ave, Seattle	MA3-5707
Wis	Knobloch & Malone Inc	1603 N. Newland Ave, Chicago 35, Ill	NA2-4005
Wyo	Rowley-Bouvette Inc	651 S. Jason, Denver 23, Colo	WA2-2624
For	Dage Corp	219 E. 44th St, NY 17, NY	MU2-6755

UNGAR ELECTRIC TOOLS ELEC DIV ELDON IND INC — 4101 Redwood Ave, Los Angeles 66, Cal — EX8-5710
1825

TERR			TEL. NO.
Ala	Morris F Taylor Co	P.O. Box 111, Silver Spring, Md	JU9-4002
Alaska	James J Backer	P.O. Box 9077, Seattle 99, Wash	AL6470
Ark	M F Klicpera	P.O. Box 3113, Houston, Tex	JA2-8459
Conn	Stanley A Harris Co	1241 Highland Ave, Needham 92, Mass	HI4-4780
Del	Morris F Taylor Co	P.O. Box 111, Silver Spring, Md	JU9-4002
Cal	E L Berman Co	450 9th St, San Francisco, Cal	UN3-3317
Cal	Ungar Sales Associates	9925 Venice Blvd, Los Angeles 34, Cal	UP0-6715
Colo	Keather-Cox Co	110 W. 13th Ave, Denver 4, Colo	MA3-3544
DC	Morris F Taylor Co	P.O. Box 111, Silver Spring, Md	JU9-4002
Fla	Morris F Taylor Co	P.O. Box 111, Silver Spring, Md	JU9-4002
Ga	Morris F Taylor Co	P.O. Box 111, Silver Spring, Md	JU9-4002
Idaho	Keather-Cox Co	110 W. 13th Ave, Denver 4, Colo	MA3-3544
Ill	Royal A Stemm	21 E. Van Buren, Chicago 5, Ill	WE9-4940
Ill	R W Farris Co., Inc	406 W. 34th St, Kansas City, Mo	PL3-5350
Ind	R O Whitesell Assoc	6620 E. Washington St, Indpls 19, Ind	FL9-5374
Iowa	R W Farris Co., Inc	406 W. 34th St, Kansas City, Mo	PL3-5350
Kan	R W Farris Co., Inc	406 W. 34th St, Kansas City, Mo	PL3-5350
Ky	R O Whitesell Associates	6620 E. Washington St, Indpls 19, Ind	FL9-5374

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
La	M F Klicpera	P.O. Box 3113, Houston, Tex	JA2-8459
Me	Stanley A Harris Co	1241 Highland Ave, Needham 92, Mass	HI4-4780
Md	Morris F Taylor Co	P.O. Box 111, Silver Spring, Md	JU9-4002
Mass	Stanley A Harris Co	1241 Highland Ave, Needham 92, Mass	HI4-4780
Mich	Robert Milsk Co	3017 Jas Couzen's Hwy, Detroit 21 Mich	BR3-9653
Minn	Ray Ripley	7222 James Ave, S., Mnnpls 23, Minn	UN6-8682
Miss	M F Klicpera	P.O. Box 3113, Houston, Tex	JA2-8459
Mo	R W Farris Co., Inc	406 W. 34th St, Kansas City, Mo	PL3-5350
Mont	Keather-Cox Co	110 W. 13th Ave, Denver 4, Colo	MA3-3544
Neb	R W Farris Co., Inc	406 W. 34th St, Kansas City, Mo	PL3-5350
Nev	E L Berman Co	460 9th St, San Francisco, Cal	UN3-3317
NJ	Morris F Taylor Co	P.O. Box 111 Silver Spring, Md	JU9-4002
NM	Keather-Cox Co	110 W. 13th Ave, Denver 4, Colo	MA3-3544
NH	Stanley A Harris Co	1241 Highland Ave, Needham 92, Mass	HI4-4780
NY	Leonard D Allen Inc	P.O. Box 12, Salina Sta, Syracuse 8, NY	GR1-3109
NY	D R Bittan Co	104 S. Central Ave, Valley Stream, NY	LO1-3444
NY	Louis W Appell Co	11 Warren St, New York 7, NY	WO4-4252
NC	Morris F Taylor Co	P.O. Box 111, Silver Spring, Md	JU9-4002
ND	Ray Ripley	7222 James Ave, S., Mnnpls 23, Minn	UN6-8682
Ohio	Beam-Greenleaf & Assoc	14700 Detroit Ave, Cleveland 7, Ohio	AC1-9030
Okla	M F Klicpera	P.O. Box 3113, Houston, Tex	JA2-8459
Ore	James J Backer	P.O. Box 9077, Seattle 99, Wash	AL6470
Pa	Morris F Taylor Co	P.O. Box 111, Silver Spring, Md	JU9-4002
RI	Stanley A Harris Co	1241 Highland Ave, Needham 92, Mass	HI4-4780
SC	Morris F Taylor Co	P.O. Box 111 Silver Spring, Md	JU9-4002
SD	Ray Ripley	7222 James Ave, S., Mnnpls 23, Minn	UN6-8682
Tenn	Morris F Taylor Co	P.O. Box 111, Silver Spring, Md	JU9-4002
Tex	M F Klicpera	P.O. Box 3113 Houston, Tex	JA2-8459
Utah	Keather-Cox Co	110 W. 13th Ave, Denver 4, Colo	MA3-3544
Vt	Stanley A Harris Co	1241 Highland Ave, Needham 92, Mass	HI4-4780
Va	Morris F Taylor Co	P.O. Box 111, Silver Spring, Md	JU9-4002
Wash	James J Backer	P.O. Box 9077, Seattle 99, Wash	AL6470
W. Va	Morris F Taylor Co	P.O. Box 111 Silver Spring, Md	JU9-4002
Wisc	Royal A Stemm	21 E. Van Buren, Chicago 5, Ill	WE9-4940
Wisc	Ray Ripley	7222 James Ave, S., Mnnpls 23, Minn	UN6-8682
Wyo	Keather-Cox Co	110 W. 13th Ave, Denver 4, Colo	MA3-3544

• **UNHOLTZ-DICKIE CORP** — 2994 Whitney Ave, Hamden 18, Conn — AT8-3358
K Unholtz #5 *14 B 338-610-895-1075-1850-1935

TERR			TEL. NO.
Ala	W A Brown Associates	Huntsville, Ala	JE6-6293
Ariz	Brooks, Fenger & Assoc	34A E First St, Scottsdale	WH6-2121
Cal	Howard & Co	888 N Linden Ave S, San Francisco	JU9-3050
Cal	Don E Hughes Co	4459 Avocado St, Los Angeles 27	NO5-5156
Colo	Brooks Fenger & Associates	3041 S. Broadway, Englewood, Colo	SU1-7175
Conn	Walter W Janeway Co	Box 6164, Hamden 17, Conn	AT8-3010
Fla	W A Brown, Assoc	200 Cannon Rd, Indian River City	AM7-0412
Ga	W A Brown Associates	3405 Lookout Dr, S.E., Huntsville, Ala	JE6-6293
Ill	Bard Associates	328 Selbourne Rd, Riverside	HI7-7525
Kan	Lawrence L Hill	1535 Garland, Wichita, Kan	AM1-3858
Mass	Walter W Janeway Co	1445 Washington St W, Newton	WO9-8867
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit 35, Mich	BR3-2900
NJ	Space-Tronics, Inc	915 Lincoln Ave, Glen Rock	GI5-0793
NM	Brooks, Fenger & Assoc	5500 Domingo Rd, NE, Albuquerque	AM8-1774
NY	R P Kennedy Co., Inc	P.O. Box 54, Fayetteville (Syracuse)	WE7-9521
NY	Space-Tronics Inc	180 E. Old Country Rd, Mineola, NY	PI6-4817
NY	R P Kennedy Co	182 Mayflower Dr, Rochester 18, NY	BR1-4322
NC	W A Brown Associates	1707 Princeton St, S.W., Winston-Salem	PA5-6784
Ohio	S Sterling Co	5827 Mayfield Rd, Cleveland 24	HI2-8080
Pa	S Sterling Co	4232 Brownsville Rd, Pittsburgh 27	TU4-6515
SC	W A Brown Associates	1707 Princeton St, S.W., Winston-Salem, NC	PA5-6784
Utah	Brooks, Fenger & Assoc	253 Rio Grande, Salt Lake City	EL9-3477
Va	W A Brown Associates	3610 Mt. Vernon Ave, Alexandria, Va	WO4-1909
Wash	Pemco	2745 Mt St Helens, Seattle 44	PA3-3400
For	Beechey Enterprises	3212 Weston Rd, Weston, Ont	CH4-4051

UNIFORM TUBES, INC — Collegeville, Pa — HU9-7276
D MacNair #2 *101 E 1125-1885

TERR			TEL. NO.
Cal	F J Lacke	425 E. Green St, Pasadena, Cal	MU1-2534
Del	John W Brown	Mill Rd R D #1, Norristown, Pa	JU4-3271
Idah	Sanford Co	1727 E Second St, Wichita, Kan	AM5-3553
Ill	R Schleicher & Assoc	1730 Fox Hill Rd, Indpls, Ind	CL5-0944
Ind	R Schleicher & Assoc	1730 Fox Hill Rd, Indpls 8, Ind	CL5-0944
Iowa	R Schleicher & Assoc	1730 Fox Hill Rd, Indpls 8, Ind	CL5-0944
Md	John W Brown	Mill Rd, RD #1, Norristown, Pa	JU4-3271
Mass	John W Murphy	19 Edgemere Dr, Seekonk, Mass	ED1-7150
Mich	Murray A Percival	18505 E. 8th Mile Rd, Detroit, Mich	KE3-0230
Minn	L C Newton Inc	2285 University Ave, St. Paul 14, Minn	MI5-4037
NJ	Eric Fagerlund	6 Rowan Ct, Fords	VA6-7396
NJ	John W Brown	Mill Rd R D 1, Norristown, Pa	JU4-3271
NY	Eric Fagerlund	6 Rowan Ct, Fords, NJ	VA6-7396
Okla	Richard F Kimball	2527 B McKinney Ave, Dallas 1, Tex	RI7-8775
Pa	John W Brown	Mill Rd R D #1, Norristown, Pa	JU4-3271
Tex	Richard F Kimball	2527 B McKinney Ave, Dallas 1	RI7-8775
Utah	Sanford Co	1727 E Second St, Wichita, Kan	AM5-3553

UNIMAX SWITCH DIV., MAXSON ELECTRONICS CORP — Ives Rd. Wallingford, Conn — CO9-0701
R Meier #10 *115 1735

TERR			TEL. NO.
Ala	Cartwright & Bean	560 S. Cooper St, Memphis, Tenn	BR5-1914
Ariz	M A Stoloroff Co	4622 W. Slauson Ave, Los Angeles, Cal	AX3-6226
Ark	Cartwright & Bean	560 S. Cooper St, Memphis, Tenn	BR5-1914
Cal	M A Stoloroff Co	4622 W. Slauson Ave, Los Angeles, Cal	AX3-6226
Cal	Wm W Tompkins & Co	2363 Birch St, Palo Alto, Cal	DA6-7940
Colo	Hyde Electronics, Inc	888 S Lipan St, Denver 23	WE6-3455
Conn	The Zaslow Sales Co	108 Foxcroft Rd, W. Hartford, Conn	AD6-0265
Del	L G White & Co	108 Forrest Ave, Narberth, Pa	MO4-6505
DC	L G White & Co	880 Bonifant St, Silver Spring, Md	JU5-3141
Fla	Components Sales Corp	1825 NE 164th St, N Miami Beach 62	WI5-7721
Ga	Cartwright & Bean	3215 Oates Hill Pl, Atlanta, Ga	CE7-2271
Idah	Hyde Electronics, Inc	2903 Connor St, Salt Lake City 9, Utah	IN7-5763
Idaho	Andrew L Porich Inc	734 N.W. Glisan St, Portland 9, Ore	CA2-6201
Ill	Melrose Sales Co	5906 W North Ave, Chicago	ME7-9090
Ind	Thomas & Senac, Inc	2964 E 58th St, Indpls	CL1-4174
Iowa	Melrose Sales Co	5906 W North Ave, Chicago 39, Ill	ME7-9090
Kan	Hill & Co	618 Fullerton Bldg, St. Louis 1, Mo	MA1-1818

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ky	O H Bromberg & Assoc	561 Reading Rd. Cinc, Ohio	DU1-5728
La	Allied Components, Inc	2517 Converse St. Dallas 7, Tex	RI2-2830
Me	Zaslow Sales Co, Inc	371 Howard St. Northboro, Mass	EX3-8150
Md	L G White & Co	880 Bonifant St. Silver Spring, Md	JU5-3141
Mass	The Zaslow Sales Co	371 Howard St, Northboro, Mass	EX3-8150
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit	BR3-2300
Minn	Jus-Co Sales Eng	3053 Maryland Ave. Mpls 26	UN9-2325
Miss	Cartwright & Bean	580 S. Cooper, Memphis, Tenn	BR5-1914
Mo	Hill & Co	618 Fullerton Bldg, St. Louis 1, Mo	MA1-1818
Mont	Hyde Electronics, Inc	888 S Lipan St. Denver 23, Colo	WE6-3456
Neb	Hyde Electronics, Inc	888 S Lipan St. Denver 23, Colo	WE6-3456
Nev	Ken W Tompkins & Co	2363 Birch St, Palo Alto, Cal	DA6-7940
NH	The Zaslow Sales Co	371 Howard St, Northboro, Mass	EX3-8150
NJ	Repco Electronic Sales Co, Inc	25 Broad Ave. Palisades Park	WH5-7511
NJ	L G White & Co	108 Forrest Ave, Narberth, Pa	MO4-6505
NM	Hyde Electronics, Inc	5706 Constitution Ave, NE, Albuquerque	AM5-1111
NY	Repco Electronic Sales Co, Inc	25 Broad Ave. Palisades Park, NJ	WH5-7511
NY	Technical Sales Inc	2900 Erie Blvd, Syracuse, NY	GR2-7524
NC	L G White & Co	P.O.Box 2396, Winston-Salem, NC	PA5-3612
ND	Jus-Co Sales Eng	3053 Maryland Ave. Mpls 26, Minn	UN9-2325
Ohio	O H Bromberg & Assoc	561 Reading Rd. Cinc	DU1-5728
Ohio	Technical Associates Inc	4475 Lander Rd, Chagrin Falls, Ohio	TE1-9884
Okla	Allied Components, Inc	2517 Converse St. Dallas 7, Tex	RI2-2830
Ore	Andrew L Polich Inc	734 N.W. Glisan St, Portland 9, Ore	CA3-6281
Pa	Technical Assoc, Inc	Chagrin Falls, Ohio	TE1-9884
Pa	L G White & Co	108 Forrest Ave, Narberth, Pa	MO4-6505
RI	Zaslow Sales Co, Inc	371 Howard St. Northboro, Mass	EX3-8150
SC	Cartwright & Bean	580 S. Cooper, Memphis, Tenn	BR5-1914
SD	Jus-Co Sales Eng	3053 Maryland Ave. Mpls 26, Minn	UN9-2325
Tenn	Cartwright & Bean	580 S. Cooper, Memphis, Tenn	BR5-1914
Tenn	L G White & Co	PO Box 2356, Winston-Salem, NC	PA5-3616
Tex	Allied Components, Inc	2517 Converse St. Dallas 7	RI2-2830
Utah	Hyde Electronics, Inc	2953 Connor St. Salt Lake City	IN7-5763
Vt	The Zaslow Sales Co	108 Fairfield Rd, W. Hartford, Conn	AD5-2165
Va	L G White & Co	880 Bonifant St. Silver Spring, Md	JU5-3141
Wash	Andrew L Polich Inc	1105 Northern Life Tower, Seattle	MA3-3238
W. Va	L G White & Co	880 Bonifant St, Silver Spring, Md	JU5-3141
Wis	E A Dickinson & Assoc	4117 N Green Bay Ave. Milwaukee	CO4-1080
Wis	Jus-Co Sales Eng	3053 Maryland Ave. Mpls 26, Minn	UN9-2325
Wyo	Hyde Electronics, Inc	888 S Lipan St. Denver 23, Colo	WE6-3456
For	Sandblom & Stolne AB	Lindhagensgatan 124, Stockholm 30, Sweden	
For	EMAC s p r l	142 Rue Bara, Bruxelles-Midi, Belg	
For	CIA Mexicana De Elect S A	Zaragoza 1040 Nte, Monterrey N L, Mex	
For	107 Etab'ts Russenberger	34, Rue de Paradis, Paris, Fr	
Foreign	Terry Ferraris & Co	Via S. Martino 14, Milano, Italy	

UNION CARBIDE CONSUMER PRODUCTS CO — **270 Park Ave. New York 17, NY** — **LL1-2345**
C Berry #200 *10,000 G 70-990

TERR	REPRESENTATIVES	OFFICES	TEL. NO.
Cal	D J Nichols	22 Battery St, San Francisco 6, Cal	YU2-1360
Cal	C B Eccles	2770 Leonis Blvd, Los Angeles 58, Cal	LU3-3061
Ga	H K Hooper	1371 Peachtree St, N.E., Atlanta, Ga	TR3-2241
Ill	H W Knapp	230 N Michigan Ave, Chicago 1	FI6-3300
Mo	A C Egler	910 Baltimore Ave, Kansas City 41, Mo	BA1-2400
Pa	D G Taylor	Oliver Bldg. Mellon Sq. Pittsburgh 22	EX1-3800
Tex	J Price	1511 Bryan St. Dallas 1	RI1-6445

UNION CARBIDE METALS CO DIV UCC — **270 Park Ave, New York 17, NY** — **LL1-2345**
1125

TERR	REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Union Carbide Metals Co	2900 Cahaba Rd, Birmingham 2, Ala	TR9-4681
Cal	Union Carbide Metals Co	2770 Leonis Blvd, Los Angeles 58, Cal	LU3-3061
Cal	Union Carbide Metals Co	22 Battery St, San Francisco 6, Cal	YU2-1360
Ill	Union Carbide Metals Co	230 N. Michigan Ave, Chicago 1, Ill	FI6-3300
Mich	Union Carbide Metals Co	10421 W. 7 Mile Rd, Detroit 21, Mich	DI1-3131
NJ	Union Carbide Metals Co	Roseberry & Marshall, Phillipsburg, NJ	GL4-6403
NY	Union Carbide Metals Co	P. O. Box 330, Niagara Falls, NY	BU5-3311
Ohio	Union Carbide Metals Co	1300 Lakeside Ave, Cleveland 14, Ohio	MA1-4202
Pa	Union Carbide Metals Co	537 Smithfield, Pittsburgh 22, Pa	EX1-3800
Tex	Union Carbide Metals Co	3839 W. Alabama Ave, Houston 27, Tex	MO7-5641

UNION CARBIDE PLASTICS CO — **270 Park Ave, New York 17, NY** — **LL1-2345**
1290

TERR	REPRESENTATIVES	OFFICES	TEL. NO.
Cal	Union Carbide Corp	2770 Leonis Blvd, Los Angeles 58, Cal	LU3-3061
Cal	Union Carbide Corp	22 Battery St, San Francisco 6	YU2-1360
Conn	Union Carbide Corp	410 Asylum St. Hartford 3	JA5-3185
Ga	Union Carbide Corp	57 Forsyth St. Atlanta 3	JA3-2569
Ill	Union Carbide Corp	230 N Michigan Ave. Chicago 1	FI6-3300
Mass	Union Carbide Corp	300 1st Ave. Boston 94	HI4-5400
Mich	Union Carbide Corp	10421 W 7 Mile Rd. Detroit 21	DI1-3131
Minn	Union Carbide Plastics Co	4010 W 65th St. Minneapolis 24	WA7-8835
Mo	Union Carbide Corp	910 Baltimore Ave. Kansas City 41	BA1-2400
Mo	Union Carbide Corp	122 N Kirkwood Rd. St Louis 22	YO5-2440
NJ	Union Carbide Corp	Pleasant Valley Rd. Moorestown	BE5-6200
NJ	Union Carbide Corp	1051 Bloomfield Ave. Clifton	PR8-2900
NY	Union Carbide Corp	3760 East Ave. Rochester	LU6-3910
NC	Union Carbide Corp	Guilford Bldg, Greensboro, NC	BR4-7696
Ohio	Union Carbide Corp	2330 Victor Pkwy. Cincinnati 6	UN1-3035
Ohio	Union Carbide Corp	1300 Lakeside Ave. Cleveland 14	MA1-4202
Pa	Union Carbide Corp	537 Smithfield Rd. Pittsburgh	EX1-3800
Tex	Union Carbide Corp	6300 N. Central Expwy, Dallas 6, Tex	EM3-1691
Wisc	Union Carbide Corp	2340 W. Wisconsin, Milwaukee 3, Wisc	DI4-7050

UNION ELECTRIC & MFG CORP — **1057 Summit Ave, Jersey City, NJ** — **OL6-1100**
T Park #6 *160 E 320-1855

TERR	REPRESENTATIVES	OFFICES	TEL. NO.
Conn	Gen. Measurements Co. Inc	1108 Beacon St. Newton Hghlnds. Mass	WO9-9150
Me	Gen. Measurements Co. Inc	1108 Beacon St. Newton Hghlnds. Mass	WO9-9150
Mass	Gen. Measurements Co. Inc	1108 Beacon St. Newton Hghlnds	WO9-9150
NH	Gen. Measurements Co. Inc	1108 Beacon St. Newton Hghlnds. Mass	WO9-9150
Ohio	G & H Sales Co	P.O. Box 416, Cincinnati 37, Ohio	
RI	Gen. Measurements Co. Inc	1108 Beacon St. Newton Hghlnds. Mass	WO9-9150
Vt	Gen. Measurements Co. Inc	1108 Beacon St. Newton Hghlnds. Mass	WO9-9150

UNION SWITCH & SIGNAL DIV WESTINGHOUSE AIR BRAKE CO — **Pittsburgh 18, Pa** — **CH2-5000**
K Devlet #400 *1250 D 338-360-895-1460-1735

TERR	REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Fay-Garrettson, Inc	105 Hillside Ave. Williston Pk, NY	PI2-1616
Ariz	Carl E Holmes Co	107 N. Ave 64, Los Angeles, Cal	CL6-2255
Cal	Carl E Holmes Co	107 N. Ave 64, Los Angeles, Cal	CL6-2255
Colo	Electronic Components Sales, Inc	2149 S Clermont, Denver	SK7-1261
Conn	Fay-Garrettson, Inc	105 Hillside Ave. Williston Pk, NY	PI2-1616
Del	Barnhill & Assoc, Inc	Box 6892, Towson, Balt 4, Md	VAS-3900
Fla	Perrott Assoc	2701 Wright Ave. Orlando	MI4-8065
Ga	Fay-Garrettson, Inc	105 Hillside Ave. Williston Pk, NY	PI2-1616
Idaho	Electronic Components Sales, Inc	2149 S Clermont, Denver, Colo	SK7-1261
Ill	W L Cunningham & Associates	435 Addison Ave, Elmhurst, Ill	TE2-0905
Ill	Thunderbird Engrg Sales & Ser Inc	7811 Carondelet Ave, St. Louis 5, Mo	PA6-1413
Ind	W L Cunningham & Associates	435 Addison Ave, Elmhurst, Ill	TE2-0905
Iowa	Thunderbird Engrg Sales & Ser Inc	7811 Carondelet Ave, St. Louis 5, Mo	PA6-1413
Kan	Zites Aviation Sales Corp	5608 E. Lincoln St, Wichita 7, Kan	MU4-0286
Me	Fay-Garrettson, Inc	105 Hillside Ave. Williston Pk, NY	PI2-1616
Md	Barnhill & Assoc, Inc	Box 6892, Towson, Balt 4	VA5-3900
Miss	Fay-Garrettson, Inc	105 Hillside Ave, Williston Pk, NY	PI2-1616
Mich	R C Merchant & Co., Inc	18411 W. McNichols, Detroit 19, Mich	KE5-6000
Minn	DAVCO, Inc	850 Cromwell Ave. St Paul	MI6-2671
Mo	Thunderbird Engrg Sales & Ser Inc	7811 Carondelet Ave, St. Louis 5, Mo	PA6-1413
Mont	Electronic Components Sales, Inc	2149 S Clermont, Denver, Colo	SK7-1261
Neb	Thunderbird Engrg Sales & Ser Inc	7811 Carondelet Ave, St. Louis 5, Mo	PA6-1413
Nev	Carl E Holmes Co	107 N. Ave 64, Los Angeles 42, Cal	CL6-2255
NH	Fay-Garrettson, Inc	105 Hillside Ave. Williston Pk, NY	PI2-1616
NJ	Barnhill & Assoc, Inc	Box 6892, Towson, Balt 4, Md	VA5-3900
NM	Electronic Components Sales, Inc	2149 S Clermont, Denver, Colo	SK7-1261
NY	Fay-Garrettson, Inc	105 Hillside Ave. Williston Pk	PI2-1616
NC	Fay-Garrettson, Inc	105 Hillside Ave. Williston Pk, NY	PI2-1616
Okla	Kemp Engineering Co	2618 Monroe Dr, Dallas 20, Tex	FL7-6663
Ore	Associated Industries	1752 Rainier Ave, Seattle 44, Wash	EA5-4400
RI	Fay-Garrettson, Inc	105 Hillside Ave. Williston Pk, NY	PI2-1616
SC	Fay-Garrettson, Inc	105 Hillside Ave. Williston Pk, NY	PI2-1616
Tex	Kemp Engineering Co	2618 Monroe Dr, Dallas 20, Tex	FL7-6663
Utah	Electronic Components Sales, Inc	2149 S Clermont, Denver, Colo	SK7-1261
Vt	Fay-Garrettson, Inc	105 Hillside Ave. Williston Pk, NY	PI2-1616
Wash	Associated Industries	1752 Rainier Ave, Seattle 44, Wash	EA5-4400
Wisc	W L Cunningham & Associates	435 Addison Ave, Elmhurst, Ill	TE2-0905
Wyo	Electronic Components Sales Inc	2149 S Clermont, Denver, Colo	PE3-7172

UNIQUE WIRE WEAVING CO., INC — **759 Ramsey Ave, Hillside, NJ** — **MU8-4600**
H Beyer 625-1530-1960

TERR	REPRESENTATIVES	OFFICES	TEL. NO.
Ill	E Rowell	18618 Lyn Ct, Homewood, Ill	SY8-3414
Iowa	J A Switzer	4323 W. 67 St, Prairie Village 15, Kan	CO2-6385
Kan	J A Switzer	4323 W. 67 St, Prairie Village 15, Kan	CO2-6385
Mo	J A Switzer	4323 W. 67 St, Prairie Village 15, Kan	CO2-6385
NY	Howard N Clark	830 Linden Ave, Rochester 19, NY	LU6-0371
Ohio	L W Childs	15605 Van Aken Blvd. Shaker Heights	SK2-5858
Okla	J A Switzer	4323 W. 67 St, Prairie Village 15, Kan	CO2-6385
Wisc	H H Winston	417 N. 3rd St, Milwaukee 3, Wisc	BR1-1022

UNISCO INC — **1961 Linden Ave, Ridgefield, NJ** — **WH3-3220**
895-965-1190-1245-1295-1530

TERR	REPRESENTATIVES	OFFICES	TEL. NO.
Mass	Unisco Inc	233 Harvard St, Boston, Mass	RE9-0109
NY	Unisco Inc	205 Burke Bldg, Rochester, NY	HA6-9448

UNI-SEAL INC — **477 North Ave, Garwood, NJ** — **SU9-0800**
R Young #4 *100 345-800-845-905-1545

TERR	REPRESENTATIVES	OFFICES	TEL. NO.
Ariz	Ruby Sales Corp	Box 511, San Fernando, Cal	EM1-1201
Cal	Ruby Sales Corp	Box 511, San Fernando	EM1-1201
Conn	A C Stohn Assoc	25 Bryant Ave. E. Milton, Mass	OX6-1145
Conn	Woodit Harry P	82 Washington St, East Orange, NJ	OR3-7959
Ill	R C Whitmore & Associates	520 N. Michigan Ave, Chicago, Ill	MO4-1904
Ind	R C Whitmore & Associates	520 N. Michigan Ave, Chicago, Ill	MO4-1904
Me	A C Stohn Assoc	25 Bryant Ave. E. Milton, Mass	OX6-1145
Md	Harry P Woodit	82 Wash. St. E. Orange, NJ	OR3-7959
Mass	A C Stohn Assoc	25 Bryant Ave. E. Milton	OX6-1145
Minn	R C Whitmore & Assoc	520 N. Michigan Ave. Chicago, Ill	MO4-1904
NH	A C Stohn Assoc	25 Bryant Ave. E. Milton, Mass	OX6-1145
NJ	Woodit Harry P	82 Washington St, East Orange, NJ	OR3-7959
NJ	Harry P Woodit	82 Wash St. E. Orange	OR3-7959
NY	Woodit Harry P	82 Washington St, East Orange, NJ	OR3-7959
Pa	Harry P Woodit	82 Wash St. E. Orange, NJ	OR3-7959
RI	A C Stohn Assoc	25 Bryant Ave. E. Milton, Mass	OX6-1145
Wisc	R C Whitmore & Associates	520 N. Michigan Ave, Chicago, Ill	MO4-1904

UNISON PRODS, INC — **1634 Marion St. Grand Haven, Mich** — **842-1452**
M Bekola #5 *30 B 160-338-1625-1735

TERR	REPRESENTATIVES	OFFICES	TEL. NO.
Ala	TecSel, Inc	Times Bldg, Huntsville	JE4-7304
Ariz	Ed Landa Co	1273 Westwood Blvd, Los Angeles 24, Cal	BR2-8525
Cal	Ed Landa Co	1273 Westwood Blvd, Los Angeles 24, Cal	BR2-8525
Colo	Allen I Williams	2263 S. Albion St, Denver 22, Colo	SK6-8403
Idaho	Allen I Williams Co	320 E. 4th, Salt Lake City 11, Utah	EM4-6844
Ind	Magnuson Associates	3347 W. Irving Park Rd, Chicago, Ill	KE9-7555
Iowa	Magnuson Associates	3347 W. Irving Park Rd, Chicago, Ill	KE9-7555
Mich	W A Bolger & Assoc	911 Giddings SE, Grand Rapids	GL2-3339
Minn	Magnuson Associates	3347 W. Irving Park Rd, Chicago, Ill	KE9-7555
Mo	Gordon Fuller Engineering Co	8161 Stanford Ave, St. Louis, Mo	PA5-6219
Nev	Ed Landa Co	1273 Westwood Blvd, Los Angeles, Cal	BR2-8525
NJ	Cooper Di Blasi	90 Main St, Port Washington, NY	PO7-0470
NM	Allen I Williams Co	3221 Silver Ave, S.E., Albuquerque, NM	AL5-9632
NY	Cooper Di Blasi	90 Main St, Port Washington, NY	PO7-0470
Utah	Allen I Williams Co	320 E. 4th S., Salt Lake City 11, Utah	EM4-6844
Wisc	Magnuson Associates	3347 W. Irving Park Rd, Chicago, Ill	KE9-7555
Wyo	Allen I Williams Co	2263 S. Albion St, Denver 22, Colo	SK6-8403

UNIT PROCESS ASSEMBLIES INC — **53-15 37 Ave. Woodside 77, NY** — **TW9-9090**
S Come #4 *25 895

UNITED AEROTRONICS CORP — **Box 239, Burlington, NJ** — **DU6-2900**
J Materese #7 *100 E 15-250-338-1850-1855-1915

TERR	REPRESENTATIVES	OFFICES	TEL. NO.
Ala	W A Brown Assoc. Inc	3405 Lookout Dr. SE, Huntsville	JE6-8393
Ariz	Mar-Tec Electronics	9033 E. Florence Ave. Downey, Cal	WA3-5578
Ark	J Y Schoonmaker Co	5328 Redfield Ave. Dallas, Tex	LA6-7238
Cal	Mar Tec Electronics	9033 E. Florence Ave. Downey	
Colo	Applied Eng. Prods. Co	405 Felt Bldg. Salt Lake City, Utah	EM4-4942
Conn	Andruss-Peskin Co	Box 394, Natick, Mass	OL3-3919
Del	Tek-Sel Inc	Hatboro, Pa	OS2-1069
DC	Bromberg Assoc	1343 H St. NW, Washington 5	DI7-0990
Fla	W A Brown & Assoc. Inc	201 Cocoa Rd. Indian River City	AM7-0411
Ga	W A Brown & Assoc. Inc	201 Cocoa Rd. Indian River City, Fla	AM7-0411
Idah	Applied Eng. Prods. Co	405 Felt Bldg. Salt Lake City, Utah	EM4-4942
Ill	Hugh Marsland Co	6699 Lincoln Ave. Chicago 45	OR6-1100
Ind	Hugh Marsland Co	6700 E. 19th St. Indpls.	FL6-4249
Iowa	Hugh Marsland Co	6699 Lincoln Ave. Chicago 45, Ill	OR6-1100
Kan	Hugh Marsland Co	6699 Lincoln Ave. Chicago 45, Ill	OR6-1100
Ky	Hugh Marsland Co	6700 E. 19th St. Indpls, Ind	FL6-4249
La	J Y Schoonmaker Co	5328 Redfield Ave. Dallas, Tex	LA6-7238
Me	Andruss-Peskin Co	Box 394, Natick, Mass	OL3-3919
Md	Bromberg Assoc	1343 H St, NW, Washington 5, DC	DI7-0990
Mass	Andruss-Peskin Co	Box 394, Natick	OL3-3919
Mich	Tower Eng Co	19844 James Couzens Hwy, Detroit 35	DI1-2337
Minn	Hugh Marsland Co	231 N. Edgewood Ave. Mpls	LI5-4481
Miss	W A Brown Assoc. Inc	3405 Lookout Dr. SE, Huntsville, Ala	JE6-8393
Mo	Hugh Marsland Co	6699 Lincoln Ave. Chicago 45, Ill	OR6-1100
Mont	S L Cane Co	2413-16th NE, Bellevue, Wash	GL4-4642
NH	Andruss-Peskin Co	Box 394, Natick, Mass	OL3-3919
NJ	Tek-Sel Inc	54 Rt. 17, Paramus	HU9-7210
NY	Tek-Sel Inc	54 Rt 17, Paramus, NJ	HU9-7210
NC	W A Brown & Assoc	1707 Princeton St. SE, Winston-Salem	PA5-5384
Ohio	Tower Eng. Co	3898 Linden Ave. Dayton 32	CL6-0931
Okla	J Y Schoonmaker Co	5328 Redfield Ave. Dallas, Tex	LA6-7238
Ore	S L Cane Co. Inc	2413 16th St. NE, Bellevue, Wash	
Pa	Tek-Sel Inc	Hatboro	OS2-1069
RI	Andruss-Peskin Co	Box 394, Natick, Mass	OL3-3919
SC	W A Brown & Assoc	1707 Princton St. SE, Winston-Salem, NC	PA5-5384
Tenn	W A Brown Assoc. Inc	3405 Lookout Dr. SE, Huntsville, Ala	JE6-8393
Tex	J Y Schoonmaker Co	5328 Redfield Ave. Dallas	LA6-7238
Utah	Applied Eng. Prods	405 Felt Bldg. Salt Lake City	EM4-4942
Vt	Andruss Peskin Co	Box 394, Natick, Mass	OL3-3919
Va	Bromberg Assoc	1343 H St. NW, Washington 5, DC	DI7-0990
Wash	S L Cane Co. Inc	2413 16th St. NE, Bellevue	
Wis	Hugh Marsland Co	6699 Lincoln Ave. Chicago 45, Ill	OR6-1100
Wyo	Applied Eng. Prods	405 Felt Bldg. Salt Lake City, Utah	EM4-4942

UNITED AIRCRAFT PRODUCTS INC — **1116 Bolander Ave, Dayton, Ohio** — **BA4-3841**
T Hammer #16-20 *460 F 370-825-1545-1920

TERR	REPRESENTATIVES	OFFICES	TEL. NO.
Cal	United Aircraft Products Inc	137 W. 157th St, Gardena, Cal	FA1-4811
NY	United Aircraft Products Inc	50 E. 42nd St, New York 17, NY	MU7-1283
Ohio	United Aircraft Products Inc	P.O. Box 1035, Dayton 1, Ohio	BA4-3841
Tex	United Aircraft Prods. Inc	6115 Denton Dr. Dallas 35	FL1-4865
Canada	Arden Boland	147 Hymus Blvd, Pointe Claire, P Q, Can	OX7-0110
Foreign	Allied International Corp	230 Park Ave, New York 17, NY	MU9-6125

UNITED CARBON PRODS CO — **1310 N Madison, Bay City, Mich** — **TW3-4575**
E Masinski #4 *90 E 160-760-1485

TERR	REPRESENTATIVES	OFFICES	TEL. NO.
Ariz	Dik Sarnowski	P.O.Box 456, La Mirada, Cal	LA1-3726
Cal	Dik Sarnowski	P.O.Box 456, La Mirada, Cal	LA1-3726
Colo	Dik Sarnowski	P.O.Box 456, La Mirada, Cal	LA1-3726
Conn	Carl Leistner	14014 Lakeshore Blvd, Cleveland, Ohio	IV1-1041
Idaho	Dik Sarnowski	P.O.Box 456, La Mirada, Cal	LA1-3726
Ill	Nicholas Grande	620 Jay St, Sandusky, Ohio	MA5-6984
Ind	Nicholas Grande	620 Jay St, Sandusky, Ohio	MA5-6984
Kan	Dik Sarnowski	P.O.Box 456, La Mirada, Cal	LA1-3726
La	Dik Sarnowski	P.O.Box 456, La Mirada, Cal	LA1-3726
Me	Carl Leistner	14014 Lakeshore Blvd, Cleveland, Ohio	IV1-1041
Mass	Carl Leistner	14014 Lakeshore Blvd, Cleveland, Ohio	IV1-1041
Mont	Dik Sarnowski	P.O.Box 456, La Mirada, Cal	LA1-3726
Neb	Dik Sarnowski	P.O.Box 456, La Mirada, Cal	LA1-3726
Nev	Dik Sarnowski	P.O.Box 456, La Mirada, Cal	LA1-3726
NH	Carl Leistner	14014 Lakeshore Blvd, Cleveland, Ohio	IV1-1041
NM	Dik Sarnowski	P.O.Box 456, La Mirada, Cal	LA1-3726
ND	Dik Sarnowski	P.O.Box 456, La Mirada, Cal	LA1-3726
Ohio	Nicholas Grande	620 Jay St, Sandusky, Ohio	MA5-6984
Okla	Dik Sarnowski	P.O.Box 456, La Mirada, Cal	LA1-3726
Ore	Dik Sarnowski	P.O.Box 456, La Mirada, Cal	LA1-3726
Pa	Nicholas Grande	620 Jay St, Sandusky, Ohio	MA5-6984
RI	Carl Leistner	14014 Lakeshore Blvd, Cleveland, Ohio	IV1-1041
SD	Dik Sarnowski	P.O.Box 456, La Mirada, Cal	LA1-3726
Tex	Dik Sarnowski	P.O.Box 456, La Mirada, Cal	LA1-3726
Utah	Dik Sarnowski	P.O.Box 456, La Mirada, Cal	LA1-3726
Vt	Carl Leistner	14014 Lakeshore Blvd, Cleveland, Ohio	IV1-1041
Wash	Dik Sarnowski	P.O.Box 456, La Mirada, Cal	LA1-3726
Wyo	Dik Sarnowski	P.O.Box 456, La Mirada, Cal	LA1-3726

UNITED COMPONENTS, INC — **105 Lincoln Ave. Orange, NJ** — **OR7-3030**
G Rosenberg #12 *100 D 500

TERR	REPRESENTATIVES	OFFICES	TEL. NO.
Ariz	E Foley	3340 N Jokake Dr, Scottsdale, Ariz	
Cal	M Ross & Co	1623 LaCienega Blvd, Los Angeles	
Cal	N Nesbitt	1128 N Adair Pl, Anaheim	
Fla	J Gaertner & Co	235 Lincoln Rd, Miami Beach, Fla	
Fla	W Woolcott Co	P O Box 1523, Winter Park, Fla	
Ill	Nero Electronics	3516 Elmwood, Wilmette	
Md	J Hauck	Box 6844, Towson, Md	
Mass	W Andrews	Dunstable Rd, Tyngsboro	
Miss	W Woolcott Co	P O Box 1523, Winter Park, Fla	
NJ	A Foley Assoc	P O Box 155, Moorestown	
NJ	S Shaw & Co	361 Central Park Ave, Yonkers, NY	
NY	Cooper, Simon & Co	400 E 79th St. New York	
NY	S A Shaw & Co	361 Central Park Ave, Yonkers	
NY	N L Spitzer & Co	Box 2324, Buffalo	
Ohio	Frederick & Nearing Co	4429 Bridgetown Rd, Cinn	
Pa	A A Foley Assoc	Box 155, Moorestown, NJ	
Pa	G Feller, & Reckler Co	4141 Oxner Ave, Levittown	
Wash	G Meeker	414 Vance Bldg, Seattle	
For	Trans-World Trade	450 N Beverly Dr, Beverly Hills, Cal	

UNITED CONTROL CORP — **Overlake Ind Pk, Box 3104, Seattle 14, Wash** — **TU5-3711**
J Weiss Jr #100 *750 G 20-35-40-338-340-360-370-670-685-895-1340-1460-1735-1810-1850

TERR	REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Joseph R St Clair	3120 Maple Dr NE, Atlanta 5, Ga	231-1834

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ariz	United Control Corp	3559 Westwood Blvd, LA 34, Cal	GR7-8251
Ark	Joseph P St Clair	3120 Maple Dr NE, Atlanta 5, Ga	
Cal	United Control Corp	3559 Westwood Blvd, Los Angeles 34	GR7-8251
Colo	Price Engr Sales Associates	P.O.Box 471, Littleton, Colo	PY4-6987
Conn	Recupati & Weiss Inc	635 Oak St, Copiague, NY	AM4-3322
Del	Recupati & Weiss Inc	635 Oak St, Copiague, NY	AM4-3322
Del	United Control Corp	801 19th St NW, Washington 6, DC	EX3-1893
DC	United Control Corp	801 19th St NW, Washington 6	EX3-1893
Fla	Gilbert Chaves, Jr	P.O. Box 611, Cocoa Beach	NE2-1697
Ga	Joseph P St Clair	3120 Maple Dr NE, Atlanta 5	231-1894
Ind	Rixon Assoc., Inc	33 W Stratford Ave, Dayton 2, Ohio	BA2-0011
Kan	Avionics Engr Sales Co	P.O.Box 796, Wichita, Kan	HO4-6281
Ky	Rixon Assoc., Inc	33 W Stratford Ave, Dayton 2, Ohio	BA2-0011
La	Joseph P St Clair	3120 Maple Dr NE, Atlanta 5, Ga	231-1894
Me	Recupati & Weiss Inc	635 Oak St, Copiague, NY	AM4-3322
Md	Recupati & Weiss Inc	635 Oak St, Copiague, NY	AM4-3322
Mass	Recupati & Weiss Inc	635 Oak St, Copiague, NY	AM4-3322
Miss	Joseph P St Clair	3120 Maple Dr NE, Atlanta 5, Ga	231-1894
NH	Recupati & Weiss Inc	635 Oak St, Copiague, NY	AM4-3322
NH	Recupati & Weiss Inc	635 Oak St, Copiague, NY	AM4-3322
NJ	Recupati & Weiss Inc	635 Oak St, Copiague, NY	AM4-3322
NY	Recupati & Weiss Inc	635 Oak St, Copiague, NY	AM4-3322
Ohio	Rixon Assoc., Inc	33 W Stratford Ave, Dayton 2	BA2-0011
Okla	Recupati & Weiss	810 D East Abram, Arlington, Tex	CR5-0401
Pa	Recupati & Weiss Inc	635 Oak St, Copiague, NY	AM4-3322
RI	Recupati & Weiss Inc	635 Oak St, Copiague, NY	AM4-3322
Tex	Recupati & Weiss	810 D E. Abram, Arlington	CR5-0401
Utah	Robert Callister	P.O. Box 11, Murray	AM2-1655
Vt	Recupati & Weiss Inc	635 Oak St, Copiague, NY	AM4-3322
Va	United Control Corp	801 19th St NW, Washington 6, DC	EX3-1893

UNITED ELECTRIC CONTROLS CO — 85 School St. Dept C, Watertown 72, Mass — WA6-1000
L Pratt #10 *175 E 360-895-1100-1735

Ala	Frank A Thomas Co	1605 Liberty St. Mobile	GR1-2752
Cal	Sales Engineers Ltd	7919 Monroe St. Paramount	NE6-1659
Cal	Western Electro-Mechanical Co	300 Broadway, Oakland, Cal	TE2-8153
Conn	Petro Chem Specialties Co	Box 104, La Guardia Sta, Flushing 71, NY	TW9-6400
DC	R G Davis Co	3133 Powder Mill Rd, Adelphi, Md	WE5-6382
Fla	LeRoy R Rogers Co	9 N Highland Ave, Clearwater	CL442-4566
Ill	Dewes-Henderson Co	5707 W Lake St, Chicago 44	CO1-1032
Ind	Lee Instrument	Box 95, Angola, Ind	AN217
Ind	M F Welch	PO Box 27072, Indpls 27	ST7-9009
La	Culver Eng Sales Co	3334-B Earhart Blvd, New Orleans	TU4683
Md	R G Davis Co	3133 Powder Mill Rd, Adelphi	WE5-6382
Mich	W H Hanson Co	12201 Merriman Rd, Livonia	KE1-1785
Mich	Lee Instrument Co	Box 95, Angola, Ind	AN217
Mo	Richard E Greene	509 Melville, St Louis 30	PA6-2666
Mo	Jack Gilbert Co	201 E. 70th St, Kansas City, Mo	DE3-4800
Nev	Western Electro-Mechanical Co, Inc	300 Broadway, Oakland, Cal	TE2-8153
NJ	Petro Chem Specialties Co	La Guardia Sta, Flushing, NY	TW9-6400
NY	Petro-Chem Specialties	Box 104, La Guardia Sta, Flushing, NY	TW9-6400
NY	Petro-Chem Specialties Co	Box 661, LaGuardia Arpt Sta, Flushing	TW9-6400
NY	Tempany Eng Sales Co	1800 Broadway, Buffalo 12	TX4-2722
NC	Robert T Hudgins	PO Box 6095, Charlotte 7	ED6-4867
Ohio	Kilroy - Whalen	PO Box 365, Chagrin Falls	CH7-4332
Ohio	Lee Instrument	Box 95, Angola, Ind	AN217
Ohio	R R Kovach Co	37 Alton Dr, Bethel Park, Pa	TE5-6296
Ore	Pacific Electric Sales Co	133 SE 29th Ave, Portland	BE5-4137
Pa	Walter A Koenig Co	PO Box 67, Allentown	SW7-1564
Pa	R R Kovach Co	37 Alton Dr, Bethel Park, Pa	TE5-6296
Tex	H W Wickman & Assoc	5539 Dyer St, Dallas 7	EM8-6864
Tex	Phoenix Sales Co	4010 Bluebonnet, Houston	PA3-3710
Va	R G Davis Co	3133 Powder Mill Rd, Adelphi, Md	WE5-6382
W Va	R R Kovach Co	37 Alton Dr, Bethel Park, Pa	TE5-6296
Wis	Dynamatic Industries	3227 W National Ave, Milwaukee 4	EV4-9300
Can	United Electric Controls (Can) Ltd	35 A O'Connell Ave, Dorval, Que	ME1-5534
Foreign	Elettronica	Bastioni Volta 11, Milano, Italy	
Foreign	Mecanismos Intl Del Norte S A	P.O.Box 783, Monterrey, N L, Mexico	

UNITED ELECTRO DYNAMICS INC — 200 Allendale Rd. Pasadena, Cal — SY9-7161
C Miller #250 *625 F 325-330-345-895-1455-1870

Ariz	R A Mayes Co	6601-B Montana Ave El Paso, Tex	PR8-2625
Ark	Daltronics Inc	1401 Post Oak, Houston 27, Tex	SU2-0432
Cal	United Electro Dynamics Inc	150 Wolfe Rd, Sunnyvale	RE9-9346
Cal	D G Demass Co	1528 Cable St, San Diego 7	AC4-2401
Colo	Applied Engineering Products Corp	405 Felt Bldg, Salt Lake City, Utah	EM4-4942
DC	United Electro Dynamics Inc	Box 334, Alexandria, Va	108-7755
Idaho	Applied Engineering Prod Corp	405 Felt Bldg, Salt Lake City, Utah	EM4-4942
La	Daltronics Inc	1401 Post Oak, Houston 27, Tex	SU2-0432
NM	R A Mayes Co	P.O. Box 3344, El Paso, Tex	LY8-2942
NM	R A Mayes Co	6601-B Montana Ave, El Paso, Tex	PR8-2625
Okla	Daltronics Inc	1401 Post Oak, Houston 27, Tex	SU2-0432
Tex	R A Mayes Co	6601-B Montana Ave El Paso	PR8-2625
Tex	Daltronics Inc	1401 Post Oak, Houston 27	SU2-0432
Utah	Applied Eng. Prods Co	405 Felt Bldg, Salt Lake City	EM4-4942

UNITED ELECTRONIC MFG CORP — 542 39th St, Union City, NJ — UN5-4452
C Wolf #2 *25 B 220

Cal	Norm Roeder & Associates	28-37th Ave, San Mateo, Cal	FI1-8161
Cal	Ruby Sales Corp	P.O. Box 511, San Fernando, Cal	EM1-1201
Cal	Barstow & Doran	1406 S. Grand Ave, Los Angeles, Cal	RI9-0438
Del	Farrell & Carmine	14 Knickerbocker Dr, Newark	EN8-7603
Fla	Ted Sharaf Associates	4038 Lincoln St, Hollywood, Fla	YU9-8200
Mass	Johnson Associates	414 Main St, Wakefield, Mass	GI2-0413
Mo	Collins, Havercamp Associates	4825 W. Baltimore, Kansas City	GL3-4497
NY	Murray Director Associates	115-62 237th St, Elmont, NY	CU5-6824
NY	Samuel Bialek	205 E. 42nd St, New York 17, NY	MU4-1555
Tenn	Dixie Associates	1021 8th Ave, S. Nashville	
Tex	Fred Olson & Co	P.O. Box 1926, Dallas	FL1-1837

UNITED ELECTRONICS CO. — 42 Spring St. Newark 4, NJ — HU4-6300
#8 *150 E 1800

Ariz	J T Hill Co.	425 S Pine St, San Gabriel	CU3-6555
Cal	J T Hill Co	425 S. Pine St, San Gabriel, Cal	CU3-6555

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Conn	Monahan & Co	P.O. Box 474, Norwood, Mass	NO7-5961
Ill	Edward Schmeichel Co	5968 N. Chicago Ave, Chicago 51, Ill	ES8-2070
Ind	Edward Schmeichel Co	5968 N. Chicago Ave, Chicago 51, Ill	ES8-2070
Me	Monahan & Co	P.O. Box 474, Norwood, Mass	NO7-5961
Mass	Monahan & Co	P.O. Box 474, Norwood, Mass	NO7-5961
Mich	Edward Schmeichel Co	5968 N. Chicago Ave, Chicago 51, Ill	ES8-2070
Minn	Edward Schmeichel Co	Chicago 51, Ill	ES8-2070
Nev	J T Hill Co	425 S. Pine St, San Gabriel, Cal	AT7-9633
NH	Monahan & Co	P.O. Box 474, Norwood, Mass	NO7-5961
Ohio	Frank E Kahsar Sales Assoc	4900 Prosperity Pl, Cincinnati 38	GR1-9011
Pa	Frank E Kahsar Sales Assoc	4900 Prosperity Pl, Cincinnati 38, Ohio	GR1-9011
RI	Monahan & Co	Box 474, Norwood, Mass	
RI	Monahan & Co	P.O. Box 474, Norwood, Mass	NO7-5961
Vt	Monahan & Co	P.O. Box 474, Norwood, Mass	NO7-5961
Wisc	Edward Schmeichel Co	5968 N. Chicago Ave, Chicago 51, Ill	ES8-2070
For	Temco Export Corp	1829 Connecticut Ave, Washington 9, DC	DU7-1028

UNITED FABRICATORS ELECTRONICS INC — Stillwater, Minn
65-110-120-175-205-338-375-605-715-895-1075-1285-1290

UNITED INTL DYNAMICS CORP — 243 Lexington St, Waltham 54, Mass — TW4-7271
M Cohen #4 *40 C 1290-1630-1735

Alas	Richard Legg Co	1565 6 Ave, Seattle 4, Wash	MU2-7764
Ariz	A A Downs Co	2918 E. Florence, Huntington Pk, Cal	LU2-6105
Cal	A A Downs Co	2918 E. Florence, Huntington Pk, Cal	LU2-6105
Cal	R Del Bucchia & Assoc	171 S Mayfair Ave, Daly City	PL6-8414
Del	Jerry Bresson Associates	246 Haverford Ave, Narberth, Pa	GR7-3800
DC	Jerry Bresson Associates	246 Haverford Ave, Narberth, Pa	GR7-3800
Fla	Component Sales Corp	P.O. Box 178, N Miami Beach 62	WI5-7721
Fla	Component Sales Corp	P.O. Box 7087, St Petersburg 34	7-7904
Idah	Richard Legg Co	1633 NW 21 Ave, Portland 9, Ore	CA2-1353
Ill	Lightner Associates	6322 N. Milwaukee Ave, Chicago, Ill	SP4-1500
Ind	Jack Weber	4007 E1 Rica Rd, Indpls	VI6-0504
Iowa	Lightner Associates	6322 N. Milwaukee Ave, Chicago, Ill	SP4-1500
Iowa	Carmine Vignola	P.O. Box 511, Jefferson City, Mo	5-1023
Kan	Carmine Vignola	P.O. Box 511, Jefferson City, Mo	5-1023
Md	Jerry Bresson Associates	246 Haverford Ave, Narberth, Pa	GR7-3800
Mass	Charles Segel Co	1362 Commonwealth Ave, Boston 34	BE2-4334
Mich	Butchart & Rothsburg Assoc	8735 E Jefferson Ave, Detroit 14	VA1-6621
Minn	L H Josefson & Assoc	402 Sweet Briar Ln, Hopkins	WE8-6695
Mo	Carmine Vignola	P.O. Box 511, Jefferson City	5-1023
Mont	Richard Legg Co	1633 NW 21 Ave, Portland 9, Ore	CA2-1353
Neb	Carmine Vignola	P.O. Box 511, Jefferson City, Mo	5-1023
NJ	S J Sales Engineering Co	130 Lafayette St, New York, NY	WO2-7765
NJ	Jerry Bresson Associates	246 Haverford Ave, Narberth, Pa	GR7-3800
NY	United Intl Dynamics Corp	371 Long Beach Rd, Oceanside	OR8-5118
NY	Kelcor	RD 1, Box 386 C, Rt 9W, N Kingston	FE8-5262
NY	S J Sales Engineering Co	130 Lafayette St, New York, NY	WO2-7766
ND	L H Josefson & Assoc	402 Sweet Briar Ln, Hopkins, Minn	WE8-6695
Ohio	Arthur H Baier Co	18734 S Miles Pkwy, Cleveland 28	GR5-3080
Ohio	Arthur H Baier Co	304 W First St, Dayton 2	BA8-5493
Ore	Richard Legg Co	1633 NW 21 St Ave, Portland 9	CA2-1353
Pa	Jerry Bresson Associates	246 Haverford Ave, Narberth, Pa	GR7-3800
SD	L H Josefson & Assoc	402 Sweet Briar Ln, Hopkins, Minn	WE8-6695
Va	Jerry Bresson Assoc	246 Haverford Ave, Narberth, Pa	GR7-3800
Wash	Richard Legg Co	1565 6th Ave, Seattle 4	MU2-7764
Wis	Lightner Assoc	6322 N Milwaukee Ave, Chicago 46, Ill	SP4-1500
Wis	L H Josefson & Assoc	402 Sweet Briar Ln, Hopkins, Minn	WE8-6695
Can	William Cohen Ltd	8900 Park Ave, Montreal	DU1-9201

UNITED MFG CO., DIV MAXSON ELECTRONICS CORP — 41 Holy St, Hamden 14, Conn — CH8-4491
V Stoecklin #10 *100 E 95-370-535-895-1045

Cal	United Manufacturing Co	151 E Badillo St, Covina, Cal	ED1-6765
Ohio	United Mfg Co	3700 Embower Rd, Dayton 38, Ohio	AX4-7652
Can	Aviation Electric Ltd	Box 6102, Montreal, P.Q.	
Foreign	Air Parts Intl N V	149 Hoogweg, Rijswijk, Holland	
Foreign	C Itoh & Co	Central P.O.Box 136, Tokyo, Japan	
Foreign	Astra Aircraft Corp (Pty) Ltd	Box 1989, Johannesburg, S. Africa	
Foreign	Bendix-Tecnico Ltd	51 James St, Rockdale, N.S.W., Australia	

UNITED MINERAL & CHEM. CORP — 16 Hudson St. NY 13, NY — BE3-8870
F Berry #3 *125 C 05-120-215-220-240-265-265-320-340-410-615-715-885-895-900-1120-1125-1135-1220-1240-1330-1385-1450-1475-1480-1505-1520-1630-1755-1780-1785-1875-1890-1940-1960

Cal	Chafin & Assoc	1541 W. Olympic Blvd, LA 15	DU5-3955
Cal	Unger Sales Associates	5925 Venice Blvd, Los Angeles 34, Cal	UP0-6116
Conn	Near Inc	RFD #1, Madison	CI5-9411
Ill	Saffro & Associates	5209 N. Kimball Ave, Chicago 25, Ill	JU8-0915
Ind	A E Williams Co	Rural Rt 1, Marble, Ind	SI8-5700
Mass	Near Inc	91 Highland Ave, Somerville 43, Mass	PR6-2262
Mich	A E Williams Co	Rural Rt 1, Marble, Ind	SI8-5700
NH	Near Inc	91 Highland Ave, Somerville 43, Mass	PR6-2262
Ohio	A E Williams Co	6300 Montgomery Rd, Cincinnati, Ohio	EL1-6102
RI	Near Inc	91 Highland Ave, Somerville 43, Mass	PR6-2262
Tex	Packard Associates	Love Fld Air Term'l Blvd, Dallas, Tex	FL7-7513
Wisc	Saffro & Associates	5209 N. Kimball Ave, Chicago 25, Ill	JU8-0915

UNITED PRODUCTS CO — 165 Franklin Ave, Nutley 10, NJ — NO7-3930
J Wilson #3 *20 B 120-175-220-240-320-380-585-715-790-800-900-905-1045-1135-1290-1540-1545-1575-1640-1725-1785-1875-1890-1940

Conn	D & P Engineering	158 Jewett St, Georgetown, Mass	FL2-6621
DC	Jack Oncre	555 Winchester Ave, Union, NJ	MU7-0626
Fla	Johnson Assoc of Florida	Box 1076, Hwy 17-92, Casselberry	MI4-3311
Ill	R R Burton Sales Co Inc	PO Box 7011, Kansas City, Mo	JA3-0227
Iowa	Manufacturers Sales Co	6301 Wayzata Blvd, Mpls 16, Minn	LI5-1223
Kan	R R Burton Sales Co, Inc	PO Box 7011, Kansas City Mo	JA3-0227
Me	D & P Engineering	158 Jewett St, Georgetown, Mass	FL2-6621
Md	Jack Oncre	555 Winchester Ave, Union, NJ	MU7-0626
Mass	D & P Engineering	158 Jewett St, Georgetown	FL2-6621
Mich	D W Matteson & Assoc	909 W Michigan Ave, Jackson	ST4-8920
Minn	Manufacturers Sales Co	6301 Wayzata Blvd, Mpls 16	LI5-1223
Mo	R R Burton Sales Co, Inc	PO Box 7011, Kansas City	JA3-0227

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO
Neb	R R Burton Sales Co, Inc	PO Box 7011, Kansas City, Mo	JA3-0227
NH	D & P Engineering	158 Jewett St, Georgetown, Mass	FL2-6621
NJ	J N Barrett, Assoc	704 Federal St, Camden	EM5-7688
NJ	Jack Oncre	555 Winchester Ave, Union	MU7-0626
NY	D&P Engineering	158 Jewett St, Georgetown, Mass	FL2-6621
NY	Harold B Hoft	Box 525, Lynbrook	LY9-335
Ore	Roy H Cooley & Assoc	101 Jones Bldg, Seattle 1, Wash	MU2-456
Pa	J N Barrett, Assoc	704 Federal St, Camden, NJ	EM5-768
RI	D&P Engineering	158 Jewett St, Georgetown, Mass	FL2-662
Vt	D&P Engineering	158 Jewett St, Georgetown, Mass	FL2-662
Wash	Roy H Cooley & Assoc	101 Jones Bldg, Seattle 1	MU2-456
Wis	Manufacturers Sales Co	6301 Wayzata Blvd. Mpls 16, Minn	LI5-1223

UNITED SCREW & BOLT CORP — 3590 W. 58 St, Cleveland 2, Ohio — OL1-110
125-1120-1125-1205-1535-1940

Ill	United Screw & Bolt Corp	2513 N. Cullerton St, Chicago 8, Ill	BI7-6464
NY	United Screw & Bolt Corp	71 Murray St, New York 7, NY	BA7-448

UNITED SENSOR & CONTROL CORP — Glastonbury, Conn — ME3-256
G Hughes #1 *10 B 20-1795

UNITED SHOE MACHINERY CORP — 140 Federal St. Boston, Mass — LI2-9100
*7500 20-30-35-45-315-385-515-615-670-770-775-845-865-895-1045-1075-1135-1170-1395-1902

Cal	United Shoe Machy. Corp	1035 S. Hope St. LA	RI9-323
Ga	United Shoe Machy. Corp	449 Moreland Ave. NE, Atlanta	JA1-208
Ill	United Shoe Machy. Corp	741 Superior Ave, NW, Chicago	PA1-462
Ill	United Shoe Machy. Corp	407 Gilbert Ave, Chicago	CH1-2317
Ind	United Shoe Machy. Corp	132 E. 8th St, Indpls	WA5-886
Kan	United Shoe Machy. Corp	7504 E. 10th St, Overland Park	UN1-3717
Mich	United Shoe Machy. Corp	6346 W. McNichols, Detroit	DI1-4509
Minn	United Shoe Machy. Corp	3424 E. Lake St, Mpls	PA1-448
Mo	United Shoe Machy. Corp	7504 E. 5th St, KC	UN1-371
Mo	United Shoe Machy Corp	2900 Washington Ave, St. Louis, Mo	CE1-134
NY	United Shoe Machy Corp	1 W. 16th St, New York, NY	WA4-300
Pa	United Shoe Machy. Corp	1733 Arch St. Phila	LO7-767
Tenn	United Shoe Machy. Corp	320 Main St, Nashville	AL4-333
Tenn	United Shoe Machy Corp	320 Main St, Nashville, Tenn	AL4-333
W Va	United Shoe Machy. Corp	1820 Park Ave. Lynchburg	VI7-5011
Wis	United Shoe Machy. Corp	2302 N. Stanley Pl. Milwaukee	CO4-3510

U S COMPONENTS INC — 1320 Zerega Ave. New York 62, NY
H Klinger #5 *180 E 345

Ala	Jake Rudisill Associates	1312 Myrtle Ave, Charlotte 3, NC	FR6-475
Ariz	Frank A Emmet Co	315-325 N. Hoover, LA, Cal	
Ark	Packard Associates	404 Love Field Terminal Bldg, Dallas, Tex	FL7-571
Cal	Frank A Emmet Co	315-325 N. Hoover, LA	
Cal	Logan Sales Co	150 9th St, San Francisco, Cal	HE1-069
Colo	Hyde Electronic Co	888 S. Lipan St, Denver, Colo	WE5-349
Conn	Charles Segel Co	1362 Commonwealth Ave, Boston, Mass	BE2-255
Del	C H Newson & Associates Inc	813 Bethlehem Pike, Philadelphia 18, Pa	CH8-337
Fla	Jack Gaertner Co	235 Lincoln Rd, Miami Beach, Fla	UN6-666
Fla	Jack Gaertner Co	711 Magnolia Ave, Orlando, Fla	GA4-363
Ga	Jake Rudisill Associates	1312 Myrtle Ave, Charlotte 3, NC	FR6-475
Ill	R C Whitmore & Associates	520 N. Michigan Ave, Chicago, Ill	MO4-786
Ind	R C Whitmore & Associates	520 N. Michigan Ave, Chicago, Ill	MO4-786
Iowa	R C Whitmore & Associates	520 N. Michigan Ave, Chicago, Ill	MO4-786
La	Packard Associates	404 Love Field Terminal Bldg, Dallas, Tex	FL7-571
Md	C H Newson & Associates Inc	17 Crofton Rd, Lutherville, Md	VA3-043
Mass	Charles Segel Co	1362 Commonwealth Ave, Boston, Mass	BE2-255
Nev	Frank A Emmet Co	315-325 N. Hoover, LA, Cal	NO5-585
Nev	Logan Sales Co	150 9th St, San Francisco, Cal	HE1-069
NH	Charles Segel Co	1362 Commonwealth Ave, Boston, Mass	BE2-255
NJ	A L Livera & Associates	4 Green Village, Madison, NJ	FR7-322
NM	Hyde Electronics Co	5206 Constitution Ave, N.E., Albuquerque	AM8-111
NY	A L Livera & Associates	155 Franklin Ave, Mineola, NY	PI7-322
NC	Jake Rudisill Associates	1312 Myrtle Ave, Charlotte 3, NC	FR6-475
Ohio	Walter J Brauer & Associates	15831 Lakewood Heights Blvd, Cleveland	LA1-739
Okla	Packard Associates	404 Love Field Terminal Bldg, Dallas, Tex	FL7-571
Pa	C H Newson & Associates Inc	813 Bethlehem Pike, Philadelphia 18 Pa	CH8-337
Pa	Walter J Brauer & Associates	15831 Lakewood Hghts Blvd, Cleve, Ohio	LA1-739
RI	Charles Segel Co	1362 Commonwealth Ave, Boston, Mass	BE2-255
SC	Jake Rudisill Associates	1312 Myrtle Ave, Charlotte 3, NC	FR6-475
Tenn	Jake Rudisill Associates	1312 Myrtle Ave, Charlotte 3, NC	FR6-475
Tex	Packard Associates	404 Love Field Terminal Bldg, Dallas, Tex	FL7-571
Utah	Hyde Electronic Co	2803 Connor St, Salt Lake City 9, Utah	IN7-3763
Vt	Charles Segel Co	1362 Commonwealth Ave, Boston, Mass	BE2-255
Va	C H Newson & Associates	17 Crofton Rd, Lutherville, Md	VA3-043
Va	Jake Rudisill Associates	1312 Myrtle Ave, Charlotte 3, NC	FR6-475
Can	J J Macquarrie	167 College St, Toronto 28, Ont	WA1-249
Foreign	Comerce	30 Boul Bonne Nouvelle, Paris, France	
Foreign	Afa Societe Ind Afa, S A	93 Rue De Laeken, Brussels, Belgium	
Foreign	Mauritz Andersen	94 H C Orstedsvej, Copenhagen, Denmark	
Foreign	Cosa Electronica	Via Tevere 20, Rome, Italy	

U. S. DIELECTRIC PRODUCTS INC. — 98 Adams St. Leominster, Mass — KE7-078
E McManus #2 *25 650-715-720-1045-1135-1150-1290-1565-1785

RI	Milton Paisner	Ind Bank Bldg, Providence	JA1-3522

U S DYNAMICS INC — 10 Dedham St, Newton Highlands, Mass — WO9-965
W Strimling #3 *50 B 445-1215

Cal	Chafin & Associates	1541 W. Olympic Blvd, Los Angeles, Cal	DU5-395
Colo	Chafin & Assoc	237 Federal Blvd, Denver	WE5-4571
Mo	G Davis Assoc	3925 Central Pl, St. Louis	EV5-8274

U S ELECTRICAL MOTORS INC — 200 E. Slauson Ave, L A 54, Cal — AD3-313
H Graham G 1165

Ala	Hager Equipment Co	P.O. Box 1935, Birmingham, Ala	
Ariz	U S Electrical Motors Inc	114 E. Roosevelt St, Phoenix, Ariz	AL8-354
Ark	Mill & Mine Supply Co	925 Allen St, Little Rock	
Cal	U S Electrical Motors Inc	584 Fourth St, San Francisco 7, Cal	GA1-762
Cal	U S Electrical Motors Inc	155 Van Ness, Fresno 1, Cal	AM6-208

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	U S Electrical Motors Inc	719 K St, Sacramento, Cal	HI6-6516
Cal	US Electrical Motors Inc	442 Park Ave, San Jose	CY3-6581
Colo	US Electrical Motors Inc	1652 Franklin St. Denver	DU8-5353
Conn	U S Electrical Motors Inc	Old Gate Ln, Milford, Conn	TR4-2551
DC	A B C Electric Motor Service Inc	115 L St, S.E., Wash, DC	
Fla	US Electrical Motors Inc	101 S Packwood St. Tampa	8-3021
Ga	U S Electrical Motors Inc	3127 Maple Dr, N.E., Atlanta 5, Ga	CE7-8658
Hawaii	Electric Steel	Box 1927, Honolulu, Hawaii	
Idaho	Western Bearings Inc	520 Front St. Boise, Idaho	
Ill	US Electrical Motors Inc	PO Box 853, East St Louis	BR4-1100
Ill	U S Electrical Motors Inc	6551 W. Belmont Ave, Chicago 34, Ill	TU9-6242
Ind	U S Electrical Motors Inc	709 E. 38th St, Indianapolis 5, Ind	WA3-2407
Iowa	US Electrical Motors Inc	611 Kahl Bldg. Davenport	323-5211
Iowa	U S Electrical Motors Inc	Kahl Bldg, Davenport, Iowa	3-5211
Kan	US Electrical Motors Inc	1401 Fairfax Trafficway, Kansas City	FI2-8600
Ky	U S Electrical Motors Inc	Box 335, Buechel Sta, Louisville 18, Ky	JU5-2829
La	US Electrical Motors Inc	1117 N Rampart St. New Orleans	523-7123
Me	Stanley J Leen Co., Inc	35 Union St, Portland, Me	
Md	U S Electrical Motors Inc	610 Washington Ave, Baltimore 4, Md	VA5-8690
Mass	U S Electrical Motors Inc	25 Huntington Ave, Boston 16, Mass	CO7-4910
Mich	U S Electrical Motors Inc	25101 Plymouth Rd, Detroit 39, Mich	KE4-3894
Minn	U S Electrical Motors Inc	2395 University Ave, St. Paul 4, Minn	MI5-8168
Miss	Stewart-Rainey Co	275 E. Rankin St, Jackson, Miss	
Mont	Power Transmission Equipment Co	P. O. Box 988, Billings, Mont	
Neb	U S Electrical Motors Inc	120 S. Hastings St, Hastings, Neb	2-5304
Nev	Reliable Bearing & Supply	2700 S. Highland Ave, Las Vegas, Nev	
NH	Perkins Bassett & Wright Inc	391 W. St, Keene, NH	
NJ	U S Electrical Motors Inc	54 Broadway, Newark 4, NJ	HU4-0100
NM	Smith Machinery Co	512 E. Second St, Roswell, NM	
NY	U S Electrical Motors Inc	90 West St, New York 6, NY	RE2-1720
NY	U S Electrical Motors Inc	405 Seymour St, Syracuse 4, NY	GR6-3131
NC	US Electrical Motors Inc	2913 South Blvd. Charlotte	JA3-6094
Ohio	U S Electrical Motors Inc	3202 St. Clair Ave, Cleveland 14, Ohio	TO1-7188
Okla	William H Mason Co	801 W. 23rd St, Tulsa, Okla	
Ore	J W Minder Chain & Gear Co	307 S.E. Hawthorne Blvd, Portland, Ore	
Pa	U S Electrical Motors Inc	1421 Chestnut St, Philadelphia 2, Pa	LO4-4477
Pa	U S Electrical Motors Inc	Bessemer Bldg, Pittsburgh 22, Pa	AT1-8844
RI	Machine Parts Corp	271 Washington St, Providence, RI	
SC	B L Montague Co	E. Liberty St, Sumter, SC	
Tenn	U S Electrical Motors Inc	3087 Poplar Ave, Memphis, Tenn	FA7-3551
Tex	U S Electrical Motors Inc	1605 Levee St, Dallas, Tex	RI1-5927
Utah	US Electrical Motors Inc	748 Kilby Ct. Salt Lake City	EM4-6219
Vt	Green Mountain Electric Inc	Union St, Newport, Vt	
Va	US Electrical Motors Inc	1806 Chantilly St. Richmond	253-2721
Wash	U S Electrical Motors Inc	3427 Fourth Ave, S., Seattle 4, Wash	MA4-0614
W. Va	Gem Electric Co	1406 Main St, Wheeling, W. Va	
Wisc	U S Electrical Motors Inc	1324 W. Wisconsin Ave, Milwaukee 3, Wisc	DI4-1793
Wyo	Industrial Distributors	Box 1171, Casper, Wyo	

U S ELECTRONICS CORP ... **276 Warren St, Lyndhurst, NJ** ... **GE8-2400**
#3 *50 C 320-670-715-720-1855

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
NY	Kaelber & Mack Sales Agency	1 Park Ave. Manhasset	
NY	Kaelber & Mack Sales Agency	1 Park Ave, Manhasset, NY	
Ohio	Thal Mor Associates Inc	11 W. Monument Ave, Dayton 2, Ohio	

U S ENGINEERING CO DIV LITTON INDUSTRIES ... **13536 Saticoy St, Van Nuys, Cal** ... **ST6-9381**
P Robichaud #5 *200 200-285-615-785-790-905-960-1315-1325-1735-1780-1785

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Floyd Fausett & Co	777 Pinehurst Terr. SW, Atlanta 10, Ga	PL3-3104
Ariz	Fryco	355 N. Scottsdale Rd. Scottsdale	WH5-8071
Ark	Jack F McKinney Sales	8512 E. 32nd St. Tulsa 35, Okla	TE5-4730
Cal	G B Ellis Sales Co	2316 El Camino Real, Mountain View	YO7-5531
Cal	U S Eng. Co	13536 Saticoy St. Van Nuys	TR3-3520
Conn	Jack D Decker Co	40 Berkley St. Waltham 54, Mass	TW3-2682
Del	Andco Sales-Eng. Inc	5823 Greene St. Phila 44, Pa	VI4-9100
DC	Andco Sales-Eng. Inc	5132 Baltimore Ave. Hyattsville, Md	UN4-6767
Fla	Jack Geartner Co	235 Lincoln Rd, Miami Beach, Fla	JE1-0200
Ga	Floyd Fausett & Co	777 Pinehurst Terr. SW, Atlanta 10	PL3-3104
Ill	D. Dolin Sales	3554 W. Peterson Av, Chicago 45, Ill	JU9-3738
Ind	Scott & Steffen	915 Penn, Indianapolis, Ind	
Iowa	Buse Sales Co	924 N. Benton. St. Charles, Mo	RA4-6667
Kan	Buse Sales Co	924 N. Benton St. St. Charles, Mo	RA4-6667
Ky	Scott & Steffen	366 Francis Bldg, Louisville 2,	JU3-3220
La	Jack F. McKinney Sales	1102 Fairway, Kenner, La	KE4-5859
Me	Jack D Decker Co	40 Berkley St. Waltham 54, Mass	TW3-2682
Md	Andco Sales-Eng. Inc	5132 Baltimore Ave. Hyattsville	UN4-6767
Mass	Jack D. Decker	40 Berkley St, Waltham 54, Mass	TW3-2682
Mich	Burcaw-Cowan & Co	22128 Grand River, Detroit 19	KE3-7700
Minn	Howard A Cullen & Assoc	3424 E Lake St. Mpls 6	PA4-3988
Miss	Jack F McKinney Sales	1303 Chemical Rd. Dallas 7, Tex	RI1-1368
Mo	Buse Sales Co	924 N. Benton St. St. Charles, Mo	RA4-6667
Neb	Buse Sales Co	924 N. Benton St. St. Charles, Mo	RA4-6667
NH	Jack D Decker Co	40 Berkley St. Waltham 54, Mass	TW3-2682
NJ	U S Eng. Co	215 S. Fulton Ave. Mt. Vernon, NY	MO7-6607
NM	Fryco	355 N. Scottsdale Rd. Scottsdale, Ariz	WH5-8071
NY	U S Eng. Co	215 S. Fulton Ave. Mt Vernon	MO7-6607
NC	Floyd Fausett & Co	777 Pinehurst Terr. SW, Atlanta 10, Ga	PL3-3104
ND	Howard A Cullen & Assoc	3424 E. Lake St. Mpls 6, Minn	PA4-3988
Ohio	Scott & Steffen	1836 Euclid Ave, Cleveland 15, Ohio	TO1-2626
Okla	Jack F. McKinney Sales	8512 E. 32nd St, Tulsa 35, Okla	TE5-4730
Ore	Samuel N Stroum Co. Inc	621 Michigan St. Seattle 8, Wash	PA3-7310
Pa	Andco Sales-Engrg Inc	5823 Greene St, Philadelphia 44, Pa	VI4-9100
RI	Jack D Decker Co	40 Berkley St. Waltham 54, Mass	TW3-2682
SC	Floyd Fausett & Co	777 Pinehurst Terr. SW, Atlanta 10, Ga	PL3-3104
SD	Howard A Cullen & Assoc	3424 E. Lake St. Mpls 6, Minn	PA4-3988
Tex	Jack F. McKinney Sales	1303 Chemical Road, Dallas 7, Tex	RI1-1368
Vt	Jack D Decker Co	40 Berkley St. Waltham 54, Mass	TW3-2682
Va	Andco Sales-Eng. Inc	5823 Greene St. Phila 44, Pa	VI4-9100
Wash	Samuel N Stroum Co. Inc	621 Michigan St. Seattle 8	PA3-7310
W Va	Scott & Steffen	1836 Euclid Ave. Cleve 15, Ohio	TO1-2626
Wisc	D. Dolin Sales	5219 N. Hoskins St, Milwaukee, Wisc	

● **U S GAUGE DIV AMER MACH & METALS INC** ... **Sellersville, Pa** ... **AL7-6531**
R Taylor #18 *1500 G 35-360-895-1735

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	U S Gauge Div	11973 San Vicente Blvd, Los Angeles 49	GR2-9584
Cal	U S Gauge Div	1306 N Carolan Ave, Burlingame, Cal	DI3-3755
Colo	Edwin P Cook Co	845 Wyandot, Denver 4, Colo	AM6-3067
Ga	U S Gauge Div	215 Church St, Decatur, Ga	DR3-9766
Ill	U S Gauge Div	600 S Michigan Ave, Chicago 5, Ill	HA7-0977
Mass	U S Gauge Div	70 Huntington Ave, Boston 16, Mass	KE6-0121
Minn	U S Gauge Div	411 S Cedar Lake Rd, Minneapolis 5, Minn	FR7-0750
Mo	R Wohltman	4115 Manchester Ave, St Louis 10, Mo	OL2-5950
NY	U S Gauge Div	54 Gruner Rd, Buffalo 25, NY	KE[illegible]
NY	U S Gauge Div	1242 Woolworth Building, New York 7, NY	RE2-3822
NY	U S Gauge Div	258 Genesee St, Utica 2, NY	RE2-1464
Ohio	U S Gauge Div	1016 Euclid Building, Cleveland 15, Ohio	TO1-0612
Okla	U S Gauge Div	622 Mayo Building, Tulsa, Okla	LU5-8941
Tex	U S Gauge Div	1507 Jefferson Ave, Houston 2, Tex	CA4-1236
Can	Joseph M Brian	5275 Van Horne Ave, Montreal 29, P.Q.	RE7-2800
Can	Joseph M Brian	2773 Dufferin St, Toronto 19, Ont	RU7-5441

US GEAR CORP ... **81 Bay State Rd, Wakefield, Mass** ... **CR6-4900**
D Abbot *40 755

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ark	Ammon & Champion Co	2714 Bomar St, Dallas 35, Tex	FL7-3939
Cal	Electro-Mechanical Instruments Inc	4976 Eagle Rock Blvd, Los Angeles	CL4-2841
Del	Norman H Yoder	Box 23, King of Prussia, Pa	MU8-8864
DC	J M Kalista Jr	232 E. 25th St, Baltimore 18, Md	BE5-2780
Fla	Frank F Becker	17715 Gulf Blvd, St. Petersburg, Fla	
Ind	Scott & Steffen Inc	915 N Pennsylvania Ave, Ind	ME5-8951
Ky	Scott & Steffen Inc	366 Francis Bldg, Louisville 2, Ky	JU3-3220
Md	J M Kalista Jr	232 E. 25th St, Baltimore 18, Md	BE5-2780
NJ	Norman H Yoder	Box 23, King of Prussia, Pa	MU8-8864
NJ	George H Hillman Associates	9 Jacques Terr, Whippany	TU7-4598
NY	George H Hillman Associates	60 E 42nd St, NYC, NY	MU2-2351
Ohio	Scott & Steffen Inc	1836 Euclid Ave, Cleveland, Ohio	TO1-2626
Okla	Ammon & Champion Co	2714 Bomar St, Dallas 35, Tex	FL7-3939
Pa	Scott & Steffen	1836 Euclid Ave, Cleveland, Ohio	TO1-2626
Pa	Scott & Steffen Inc	507 Liberty St, Pittsburgh 22, Pa	GR1-5233
Tenn	J M Kalista Jr	232 E. 25th St, Baltimore, Md	BE5-2780
Tex	Ammon & Champion Co	2714 Bomar St, Dallas 35	FL7-3939
Va	J M Kalista Jr	232 E. 25th St, Baltimore 18, Md	BE5-2780
W. Va	Scott & Steffen Inc	1836 Euclid Ave, Cleveland, Ohio	TO1-2626

U S GRAPHITE CO DIV THE WICKES CORP ... **Saginaw 32, Mich** ... **PL5-0441**
175-380-760-1545

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	J W Goodwyn	4059 Cliff Rd. Birmingham	LY2-0830
Ariz	Marwood Ltd	357 9th St. SF, Cal	HE1-7893
Ark	T O Morgan	606 Harold St. Houston, Tex	JA4-4746
Cal	Marwood Ltd	357 9th St. SF	HE1-7893
Colo	M Gougeon	400 Huntington Rd. KC, Mo	
Conn	L B Lavigne	57 Shelley Ave. Port Chester, NY	WE9-4482
Del	E E Rutenbar	Box 88, Old Bridge, NJ	CL4-7793
DC	E E Rutenbar	Box 88, Old Bridge, NJ	CL4-7793
Fla	J W Goodwyn	4059 Cliff Rd. Birmingham, Ala	LY2-0830
Ga	J W Goodwyn	4059 Cliff Rd. Birmingham, Ala	LY2-0830
Idah	Marwood Ltd	357 9th St. SF, Cal	HE1-7893
Ill	R A Heindel	12403 S. 71st St. Palos Heights	GI8-1065
Ind	E J Scott	3729 N. Chester St. Indpls	LI6-6606
Iowa	H A Chapman	Box 5, White Bear Lake, Minn	GA9-1363
Kan	M Gougeon	400 Huntington Rd. KC, Mo	
Ky	E E Rummler	7201 Nodding Way, Cinc 43, Ohio	SY1-5100
La	T O Morgan	606 Harold St. Houston, Tex	JA4-4746
Me	H H Burgess	76 Winter St. Hingham, Mass	RI9-1919
Md	E E Rutenbar	Box 88, Old Bridge, NJ	CL4-7793
Mass	H H Burgess	76 Winter St. Hingham	RI9-1919
Mich	W C Liskow	203 S. Granger St. Saginaw	PL3-9002
Minn	H A Chapman	Box 5, White Bear Lake	GA9-1363
Miss	J W Goodwyn	4059 Cliff Rd. Birmingham, Ala	LY2-0830
Mo	J L Mueller	Box 3844, Kirkwood 22	YO5-8469
Mont	H A Chapman	Box 5, White Bear Lake, Minn	GA9-1363
Neb	M Gougeon	400 Huntington Rd. KC, Mo	
Nev	Marwood Ltd	357 9th St. SF, Cal	HE1-7893
NH	H H Burgess	76 Winter St, Hingham, Mass	RI9-1919
NJ	E E Rutenbar	Box 88, Old Bridge	CL4-7793
NM	T O Morgan	606 Harold St. Houston, Tex	JA4-4746
NY	Douglas Hollister	66 Greentree Rd. Tonawanda	NX2-9246
NC	J W Goodwyn	4059 Cliff Rd. Birmingham, Ala	LY2-0830
ND	H A Chapman	Box 5, White Bear Lake, Minn	GA9-1363
Ohio	R W Hackett	3045 Bellwood Ct. Columbus	BE7-3671
Okla	T O Morgan	606 Harold St. Houston, Tex	JA4-4746
Ore	Marwood Ltd	357 9th St. SF, Cal	HE1-7893
Pa	J J Edmiston	324 Virginia Ave. Havertown	HI6-2440
RI	H H Burgess	76 Winter St. Hingham, Mass	RI9-1919
SC	J W Goodwyn	4059 Cliff Rd. Birmingham, Ala	LY2-0830
SD	H A Chapman	Box 5, White Bear Lake, Minn	GA9-1353
Tenn	S H Atherton	1427 Poplar St. Pittsbgh, Pa	WA1-4116
Tex	T O Morgan	606 Harold St. Houston	JA4-4746
Utah	Marwood Ltd	357 9th St. SF, Cal	HE1-7893
Vt	H H Burgess	76 Winter St. Hingham, Mass	RI9-1919
Va	S H Atherton	1427 Poplar St. Pittsbgh, Pa	WA1-4116
Wash	Marwood Ltd	357 9th St. SF, Cal	HE1-7893
W Va	S H Atherton	1427 Poplar St. Pittsbgh, Pa	WA1-4116
Wis	B H Fisher	Box 331, Oconomowoc	LO7-3531
Wyo	H A Chapman	Box 5, White Bear Lake, Minn	GA9-1363

US HOFFMAN MACHINERY CORP .. **103 4th Ave, New York 3, NY** ... **OR7-3600**
105-670-825-1885

U S INSTRUMENT CORP ... **Box 1288BG, Charlottesville, Va** ... **3-5153**
F Patton #18 *500 E 180-325-790-805-895-910-920-925-990-1085-1120-1130-1235-1245-1675-1735-1765

U S MAGNET & ALLOY CORP. MAGNETIC MATERIALS DIV ... **266 Glenwood Ave, Bloomfield, NJ**

U S NUCLEAR CORP ... **801 N Lake St. Burbank, Cal** ... **VI9-6176**
70-240-250-255-265-275-360-410-885-895-990-1030-1090-1125-1240-1400-1520-1575-1670

U.S. PLYWOOD CORP ... **55 W. 44 St, New York 17, NY** ... **MU2-1900**

US PRECISION LENS & PLASTICS INC **626 Broadway, Cincinnati 2, Ohio** ... **DU1-0667**
F Buhlmann #1 *9 A 410-900-1015-1210-1285-1290-1295-1955

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ohio	Roger E Schlemmer	8442 Curzon Ave, Cincinnati 16	PO1-2916

● **UNITED STATES RADIUM CORP** ... **P.O.Box 246, Morristown, NJ** ... **JE9-4000**
C Wellhausen #50 *450 E 265-565-630-895-1030-1090-1125-1190-1240-1245-1295-1320-1400-1670-1755-1875

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Aeromart Inc	3230 Peachtree Rd, N.E., Atlanta, Ga	CE3-6519
Ariz	U S Radium Corp	5420 Vineland Ave, N. Hollywood, Cal	ST7-0247
Ark	U S Radium Corp	1405 Garland Dr, Oklahoma City, Okla	GA4-1672
Cal	U S Radium Corp	5420 Vineland Ave, N. Hollywood, Cal	ST7-0247
Colo	U S Radium Corp	1405 Garland Dr, Oklahoma City, Okla	GA4-1672
Fla	Aeromart Inc	3230 Peachtree Rd, N.E., Atlanta, Ga	CE3-6519
Ga	Aeromart Inc	3230 Peachtree Rd, N.E., Atlanta, Ga	CE3-6519
Idaho	U S Radium Corp	1405 Garland Dr, Oklahoma City, Okla	GA4-1672
Ill	U S Radium Corp	5942 W. Chicago Ave, Chicago, Ill	MA6-4678
Ind	U S Radium Corp	5942 W. Chicago Ave, Chicago, Ill	MA6-4678
Iowa	R G Ragon	1406 W. Idaho Ave, St. Paul, Minn	MI6-6637
Kan	U S Radium Corp	1405 Garland Dr, Oklahoma City, Okla	GA4-1672
Ky	U S Radium Corp	5942 W. Chicago Ave, Chicago, Ill	MA6-4678
La	U S Radium Corp	1405 Garland Dr, Oklahoma City, Okla	GA4-1672
Mich	U S Radium Corp	5942 W. Chicago Ave, Chicago, Ill	MA6-4678
Minn	R G Ragon	1406 W. Idaho Ave, St. Paul, Minn	MI6-6637
Miss	Aeromart Inc	3230 Peachtree Rd, N.E., Atlanta, Ga	CE3-6519
Mo	U S Radium Corp	5942 W. Chicago Ave, Chicago, Ill	MA6-4678
Neb	U S Radium Corp	5942 W. Chicago Ave, Chicago, Ill	MA6-4678
Nev	U S Radium Corp	5420 Vineland Ave, N. Hollywood, Cal	ST7-0247
NM	U S Radium Corp	1405 Garland Dr, Oklahoma City, Okla	GA4-1672
ND	U S Radium Corp	5942 W. Chicago Ave, Chicago, Ill	MA6-4678
Ohio	U S Radium Corp	5942 W. Chicago Ave, Chicago, Ill	MA6-4678
Okla	U S Radium Corp	1405 Garland Dr, Oklahoma City, Okla	GA4-1672
Ore	U S Radium Corp	5420 Vineland Ave, N. Hollywood, Cal	ST7-0247
Pa	U S Radium Corp	Bloomsburg, Pa	ST4-3510
SC	Aeromart Inc	3230 Peachtree Rd, N.E., Atlanta, Ga	CE3-6519
SD	U S Radium Corp	5942 W. Chicago Ave, Chicago, Ill	MA6-4678
Tenn	Aeromart Inc	3230 Peachtree Rd, N.E., Atlanta, Ga	CE3-6519
Tex	U S Radium Corp	1405 Garland Ave, Oklahoma City, Okla	GA4-1672
Utah	U S Radium Corp	1405 Garland Ave, Oklahoma City, Okla	GA4-1672
Wash	U S Radium Corp	5420 Vineland Ave, N. Hollywood, Cal	ST7-0247
Wisc	R G Ragon	1406 W. Idaho Ave, St. Paul, Minn	MI6-6637
Wyo	U S Radium Corp	1405 Garland Ave, Oklahoma City, Okla	GA4-1672
Canada	Radelin Limited	106 Lakeshore Rd, Port Credit, Ontario	CR8-5301
Foreign	U S Radium Corp - Europe	16 Ave Krieg, Geneva, Switzerland	36 98 53

U S RECORDING CO ... **1345 Capitol St, Wash, DC** ... **LI3-2705**
895-1255

U S RUBBER CO ... **1230 Ave of the Americas, New York 20, NY** **CI7-5000**
*45000 G 70-135-315-625-660-750-770-900-1135-1170-1290-1505-1755

U S SCIENCE CORP ... **5221 W. 102nd St, Los Angeles 45, Cal** .. **SP6-0450**
205-325-338-895-1165-1625-1735-1810-1850-1870

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ariz	Charles Tuchschmidt	9151 N. 9th Ave, Phoenix, Ariz	WI3-5312
Cal	F W New Co	7440 Girard Ave, LaJolla, Cal	
DC	J R Halsta	910 17th St, N.W., Washington 6, DC	DI7-8708
Fla	C L Proctor	Box 3185, Orlando, Fla	GA4-8485
Mo	D G Phillips	4 Karlsruhe Pl, St. Louis 8, Mo	FO7-1222
NY	Dynamic Sales Corp	15 Broad St, Red Bank, NJ	SH7-5353
NY	J K Gyurian	915 Cayuga St, Rome, NY	RO5654
Ohio	V E Caldwell	216 N. Main St, Dayton 2, Ohio	BA4-5151
Tex	Ken Young	1122 Kings Hwy, Dallas 7, Tex	WH8-3012
Utah	Brown Technical & Associated Sales	130 S. Yarrow St, Denver 26, Colo	BE7-3467
Wash	Bruce Layne	19855 Military Rd, Seattle 88, Wash	TA4-1596
Foreign	Intercontinental Avia Services Inc	8951 Sunset Blvd, Los Angeles, Cal	CR4-7578

● **U S SEMICONDUCTOR PRODS, INC** **3540 W Osborn Rd, Phoenix 19, Ariz** .. **BR2-1341**
J Werk Jr #30 *200 E 220-500-1445

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Buchanan & Abrams Associates Inc	1224-26 E. Colonial Dr, Orlando, Fla	GA3-8995
Ala	Buchanan & Abrams Assoc, Inc	1224-26 E Colonial Dr, Orlando, Fla	GA3-8995
Alaska	Burt C Porter Co., Inc	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Alas	Burt C Porter Co, Inc	1209 Poplar Place S, Seattle 44, Wash	EA3-8330
Cal	Kittleson Co	416 N. LaBrea Ave, Los Angeles 36, Cal	WE3-7371
Cal	Kittleson Co	809 San Antonio Rd, Palo Alto, Cal	DA6-7410
Colo	Brown Technical & Associated Sales	130 S. Yarrow St, Lakewood 15, Colo	BE7-3467
Conn	Eltron Eng Sales, Inc	246 Walnut St, Newtonville 60, Mass	DE2-6975
Conn	Comtronic Assoc	1551 Franklin Ave. Mineola, NY	PI1-8966
Del	Victor S Malta	Box 4007, Philadelphia, Pa	VE6-5122
DC	Victor S Malta	Box 4007, Philadelphia, Pa	VE6-5122
Fla	Buchanan & Abrams Associates Inc	1224-26 E. Colonial Dr, Orlando, Fla	GA3-8995
Ga	Buchanan & Abrams Associates Inc	1224-26 E. Colonial Dr, Orlando, Fla	GA3-8995
Idaho	Burt C Porter Co., Inc	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Ill	David R Hausten	607 E. Willow Ave, Wheaton, Ill	MO8-7312
Ind	McFadden Sales Co	150 E Broad St. Columbus 15, Ohio	CA1-3363
Iowa	David R Hausten	607 E. Willow Ave, Wheaton, Ill	MO8-7312
Kan	Halgin Sales	5920 Nall, Mission	RA2-2441
Ky	McFadden Sales Co	150 E. Broad St, Columbus 15, Ohio	CA1-3363
Md	Victor S Malta	Box 4007, Philadelphia, Pa	VE6-5122
Mass	Eltron Eng Sales, Inc	246 Walnut St. Newtonville 60	DE2-6975
Mich	S Sterling Co	15310 W. McNichols, Detroit 35, Mich	BR3-2900
Minn	Marvin H Kirkeby	204 Sunnyridge Ln, Minneapolis 22, Minn	FR7-3239
Miss	Buchanan & Abrams Associates Inc	1224-26 E. Colonial Dr, Orlando, Fla	GA3-8995
Mo	Halgin Sales	721 Olive St. St Louis 1	CH1-6919
Mont	Burt C Porter Co., Inc	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Neb	Halgin Sales	5920 Nall, Mission, Kan	RA2-2441
Nev	Kittleson Co	416 N. LaBrea Ave, Los Angeles 36, Cal	WE3-7371
NH	Eltron Eng Sales, Inc	246 Walnut St. Newtonville 60, Mass	DE2-6975
NJ	Comtronic Associates	1551 Franklin Ave, Mineola, NY	PI1-8966
NJ	Victor S Malta	Box 4007, Philadelphia, Pa	VE6-5122
NY	Comtronic Associates	1551 Franklin Ave, Mineola, NY	PI1-8966
NY	Leo Jacobson Co., Inc	1366 Kenmore Ave. Buffalo	DE0442
NC	K O Brown & Co	Box 1791, Greensboro, NC	BR3-5973
ND	Marvin H Kirkeby	204 Sunnyridge Ln, Minneapolis 22, Minn	FR7-3239
Ohio	McFadden Sales Co	150 E. Broad St, Columbus 15, Ohio	CA1-3363
Okla	Lawrence Sales Co	Box 13026, Dallas 20, Tex	FL2-7484
Ore	Burt C Porter Co, Inc	Box 7854, Portland 12, Ore	AT4-1718
Pa	Victor S Malta	Box 4007, Philadelphia, Pa	VE6-5122
Pa	S Sterling Co	4024 Clairton Blvd, Pittsburgh 27, Pa	TU4-5515
RI	Eltron Eng Sales, Inc	2341 Whitney Ave. Hamden, Conn	AT8-9276
SC	K O Brown & Co	Box 1791, Greensboro, NC	BR3-5973
SD	Marvin H Kirkeby	204 Sunnyridge Ln, Minneapolis 22, Minn	FR7-3239
Tenn	Buchanan & Abrams Associates Inc	1224-26 E. Colonial Dr, Orlando, Fla	GA3-8995

● INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Tex	Lawrence Sales Co	Box 18726, Dallas 20, Tex	FL2-7484
Utah	Brown Technical & Associated Sales	130 S. Yarrow St, Lakewood, Colo	BE7-3467
Vt	Elton Eng Sales, Inc	246 Walnut St, Newtonville 60, Mass	DE2-6975
Va	K O Brown & Co	Box 1791, Greensboro, NC	BR3-5973
Wash	Burt C Porter Co, Inc	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Wisc	David R Hauster	607 E. Willow Ave, Wheaton, Ill	MO8-7112
Wisc	Marvin H Kirkeby	204 Sunnyridge Ln, Memphis 22, Minn	FR7-3239
Wyo	Brown Technical & Associated Sales	130 S. Yarrow St, Lakewood 15, Colo	BE7-3467
Canada	Burt C Porter Co., Inc	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
Canada	Whittaker Electronics Ltd	2137 Niagara Dr, Ottawa, Ontario, Can	CE4-4686
For	U S Semiconductor Exp Div	303 E 46th St, New York 17, NY	YU6-2244
	U S STEEL CORP	**525 Wm. Penn Pl, Pittsburgh 30, Pa**	**EX1-2345**
	*200000 G 625-735-900-1125-1305-1885-1960		
Conn	U S Steel Corp	37 Lewis St, Hartford 3, Conn	
Ill	U S Steel Corp	208 S. La Salle St, Chicago 90, Ill	
Ind	U S Steel Corp	320 N. Meridian St, Indianapolis 6, Ind	
Md	U S Steel Corp	300 St. Paul Pl, Baltimore 2, Md	
Mass	U S Steel Corp	20 Providence St, Boston 16, Mass	
Mich	U S Steel Corp	General Motors Bldg, Detroit 2, Mich	
Minn	U S Steel Corp	334 Minnesota St, St. Paul 1, Minn	
Mo	U S Steel Corp	101 W. 14th St, Kansas City 5, Mo	
Mo	U S Steel Corp	1221 Locust St, St. Louis 3, Mo	
NY	U S Steel Corp	474 Main St, Buffalo 2, NY	
NY	U S Steel Corp	71 Broadway, New York 6, NY	
Ohio	U S Steel Corp	4th & Walnut Sts, Cincinnati, Ohio	
Ohio	U S Steel Corp	526 Superior Ave, Cleveland 14, Ohio	
Pa	U S Steel Corp	1617 Pennsylvania Blvd, Phila 3, Pa	
Wisc	U S Steel Corp	208 E. Wisconsin Ave, Milwaukee 1, Wisc	
	US TESTING CO., INC	**1415 Park Ave, Hoboken, NJ**	**SW2-2400**
	A Maxfield *460 45		
Cal	U S Testing Co., Inc	1723 S. Maple Ave, Los Angeles 15, Cal	RI7-5364
Colo	U S Testing Co., Inc	2800 W. 29th Ave, Denver 11, Colo	GE3-6491
Ill	Manpower, Inc	3 W Washington St, Chicago	FR2-5881
Mass	U S Testing Co., Inc	298 A St, Boston 10, Mass	HA6-6151
NY	U S Testing Co., Inc	Port Authority Bus Term, New York, NY	CH4-6130
Okla	U S Testing Co., Inc	409 S. Peoria Ave, Tulsa 20, Okla	LU2-6134
Pa	U S Testing Co., Inc	3925 M St, Philadelphia 24, Pa	CU9-6376
Tenn	U S Testing Co., Inc	214 Cotton Exchange Bldg, Memphis	JA6-4231
Tex	U S Testing Co., Inc	1700 Cotton Exchange Bldg, Dallas, Tex	RI7-8179
Tex	U S Testing Co., Inc	202 Cotton Exchange Bldg, Brownsville	LI2-7111
	US TRANSISTOR CORP	**51 Eileen Way, Syosset, NY**	**WA1-5800**
	1860		
	U S WIRE & CABLE CORP	**Progress & Monroe Sts, Union 50, NJ**	**MU8-1100**
	A Anderson 190-1960		
Ariz	Hyde Electronics Co	2802 N Vista St, Phoenix	AP8-2266
Cal	Service Cable & Wire Inc	3051 Pontius Ave, Los Angeles	GR8-6363
Colo	Hyde Electronics Co	888 S Lipan St, Denver	WE5-3456
Conn	William McCoy	P O Box 387, Branford	HU8-3136
Ill	Ellinger Sales Corp	6540 Northwest Dr, Chicago	RO3-1570
NM	Hyde Electronics Co	5206 Constitution Ave NE, Albuquerque	AM8-1112
NY	Maury Farber Associates, Inc	715 Root Bldg, Buffalo	TL6-3943
NC	Harry T Allman Co	P O Box 8201, Charlotte	EX9-4926
Pa	W E Ekard Co	715 Fairfield Rd, Glenside	TU7-4411
Tenn	Jesse P Johnson Co	413 Dome Bldg, Chattanooga	AM6-1010
	UNITED TECHNICAL IND. INC	**5221 S. Major St. Murray, Utah**	**AM6-3548**
	G Williams #5 *35 D 240-315-900-1120-1125-1240		
•	**UNITED TRANSFORMER CORP**	**150 Varick St, New York 13, NY**	**AL5-3500**
	J Barnes 275-320-365-670-895-1580-1855		
Ala	James Millar Associates	P. O. Box 116, Sta C, Atlanta, Ga	TR6-0919
Ariz	Shepherd-Winters Co	3150 Cahuenga Blvd, Hollywood, Cal	HO6-2171
Ark	J Y Schoonmaker Co	5328 Redfield St, Dallas, Tex	LA6-7239
Cal	Shepherd-Winters Co	3150 Cahuenga Blvd, Hollywood	HO6-2171
Cal	United Transformer Corp	4008 W. Jefferson Blvd, Los Angeles	RE1-6313
Colo	Franklin Sales Co	2149 S. Clermont St, Denver 22, Colo	SK7-1371
Conn	Gerber Sales Co	48 Pearl St, Brookline 46, Mass	BE2-2425
Del	L D Lowery Inc	4508 Annapolis Rd, Bladensburg, Md	UN4-4722
DC	L D Lowery Inc	4508 Annapolis Rd, Bladensburg, Md	UN4-4722
Fla	James Millar Associates	P.O. Box 116, Sta C, Atlanta, Ga	TR6-0919
Ga	James Millar Associates	P. O. Box 116, Sta C, Atlanta, Ga	TR6-0919
Hawaii	Hackle & Browne	P. O. Box 2396, Honolulu 5, Hawaii	
Idaho	Northwestern Agencies	4130 1st Ave, S., Seattle 4, Wash	MA3-8882
Ill	R C Whitmore Associates	520 N. Michigan Ave, Chicago 11, Ill	
Ind	F O Whitsell & Associates	6620 E. Washington St, Indianapolis, Ind	FL9-5174
Iowa	W N Wellman	P. O. Box 196, Fenton, Mo	DA6-1313
Ky	F O Whitsell & Associates	6620 E. Washington, Indianapolis, Ind	FL9-5874
La	James Millar Associates	P. O. Box 116, Sta C, Atlanta, Ga	TR6-0919
Me	Gerber Sales Co	48 Pearl St, Brookline 46, Mass	BE2-2425
Md	L D Lowery Inc	4508 Annapolis Rd, Bladensburg, Md	UN4-4722
Mass	Gerber Sales Co	48 Pearl St, Brookline 46, Mass	BE2-2425
Mich	E F Lesche	18830 Grand River Ave, Detroit, Mich	VE7-5310
Minn	Fred B Hill Co	6110 Excelsior Blvd, Minneapolis 16	WE9-6727
Miss	James Millar Associates	P. O. Box 116, Sta C, Atlanta, Ga	TR6-0919
Mo	W N Wellman	P. O. Box 196, Fenton, Mo	DA6-1313
Mont	Northwestern Agencies	4130 1st Ave, S., Seattle 4, Wash	MA3-8882
Nev	United Transformer Corp	4008 W. Jefferson Blvd, L A, Cal	RE1-6313
NH	Gerber Sales Co	48 Pearl St, Brookline 46, Mass	BE2-2425
NJ	Lewis Slobin Co	2901 Fairmount Ave, Philadelphia 30, Pa	CE6-2872
NJ	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
NM	United Transformer Corp	4008 W. Jefferson Blvd, L A, Cal	RE1-6313
NC	James Millar Associates	P. O. Box 116, Sta C, Atlanta	TR6-0919
Ohio	Mike Roth Sales Co	13947 Cedar Rd, Cleveland 18, Ohio	YE2-4262
Okla	J Y Schoonmaker Co	5328 Redfield St, Dallas, Tex	LA6-7239
Ore	Northwestern Agencies	4130 1st Ave, S., Seattle 4, Wash	MA3-8882
Pa	L D Lowery Inc	50 E. Wynnewood Rd, Wynnewood, Pa	MI2-9100
RI	Gerber Sales Co	48 Pearl St, Brookline 46, Mass	BE2-2425
SC	James Millar Associates	P.O. Box 116, Sta C, Atlanta, Ga	TR6-0919
SD	Fred B Hill Co	6110 Excelsior Blvd, Minn 16	WE9-6727
Tenn	James Millar Associates	P. O. Box 116, Sta C, Atlanta, Ga	TR6-0919
Tex	J Y Schoonmaker Co	5328 Redfield St, Dallas, Tex	LA6-7239
Utah	Franklin Sales Co	2149 S. Clermont, Denver 22, Colo	SK7-1371
Vt	Gerber Sales Co	48 Pearl St, Brookline, Mass	BE2-2425
Va	L D Lowery Inc	4508 Annapolis Rd, Bladensburg, Md	UN4-4722
Wash	Northwestern Agencies	4130 1st Ave, S., Seattle 4, Wash	MA3-8882
W. Va	Mike Roth Sales Co	13947 Cedar Rd, Cleveland 18, Ohio	YE2-4262
Wisc	R C Whitmore Associates	520 N. Michigan, Chicago 11, Ill	MO4-1904
Wyo	Franklin Sales Co	2149 S. Clermont, Denver 22, Colo	SK7-1371
Foreign	Rocke International Corp	13 E. 40 St, New York 16, NY	MU9-0200
	UNITED WIRE & SUPPLY CORP	**1497 Elmwood, Providence 7, RI**	**ST1-3000**
	J Landrigan #4 *633 G 700-1350-1885-1960		
Ill	United Wire & Supply Corp	6025 S. New England Ave, Chicago, Ill	LU6-3050
	UNITIZED ELECTRONICS INC	**4791 Memphis Ave, Cleveland, Ohio**	**FL1-9290**
	590-895-1910		
	UNITRODE TRANSISTOR PRODUCTS INC	**214 Calvary St. Waltham 54, Mass**	**TW9-8983**
	500-1445		
Ala	Roy Attaway Co	Huntsville	534-2811
Ariz	Jackson Edwards Co	North Hollywood, Cal	TR7-9603
Cal	Jackson Edwards	North Hollywood	TR7-9603
Cal	R L Pflieger Co	San Carlos	LY1-0396
Colo	Thorson Eng. Co	Englewood	SU9-1841
Conn	DeVeer Sales Eng	Granby	OL8-9813
Del	W I Duncan & Assoc	Phila, Pa	CU9-7525
DC	W I Duncan & Assoc	Phila, Pa	CU9-7525
Fla	Roy Attaway Co	Orlando	GA4-9983
Ga	Roy Attaway Co	Huntsville, Ala	534-2811
Ind	Callaghan-Bach Inc	Cinc, Ohio	RE1-8860
Ky	Callaghan-Bach Inc	Cinc, Ohio	RE1-8860
Me	DeVeer Sales Eng. Co	Needham, Mass	HI4-4200
Md	W I Duncan & Assoc	Phila, Pa	CU9-7525
Mass	DeVeer Sales Eng. Co	Needham	HI4-4200
Miss	Roy Attaway Co	Huntsville, Ala	534-2811
NH	DeVeer Sales Eng. Co	1492 Highland Ave, Needham, Mass	HI4-4200
NJ	B B Taylor Corp	Baldwin, NY	BA3-4000
NJ	W I Duncan & Assoc	Phila, Pa	CU9-7525
NY	B B Taylor Corp	Baldwin	BA3-4000
NC	Roy Attaway Co	Winston Salem	
Ohio	Callaghan-Bach Inc	Cinc	RE1-8860
Ohio	Elec. Specialties	Dayton	AX8-7461
Pa	Callaghan-Bach Inc	Cleve, Ohio	EV1-3643
Pa	W I Duncan & Assoc	Phila	CU9-7525
RI	DeVeer Sales Eng	Needham, Mass	HI4-4200
SC	Roy Attaway Co	Winston Salem, NC	
Tenn	Roy Attaway Co	Huntsville, Ala	534-2811
Vt	DeVeer Sales Eng	Needham, Mass	HI4-4200
Va	W I Duncan	Phila, Pa	CU9-7525
	UNIVERSAL CIRCUIT CONTROLS	**3619 Oakton St, Skokie, Ill**	**OR5-2800**
	S Friedman #2 *15 B 1735		
Ariz	Arvin Bell Co	7012 N Figueroa St, Los Angeles, Cal	CL4-3901
Ark	Gordon V Peck Co	130 Casa Linda Plaza, Dallas, Tex	DA1-6579
Cal	Arvin Bell Co	7012 N Figueroa St, Los Angeles 42, Cal	CL4-3901
Conn	Walworth Controls Co	131 Main St, Rocky Hill, Conn	JA9-6836
Ill	Ryan & Associates	2503 N. Talman, Chicago 47, Ill	EV4-5745
Ind	Wright Engineering Co	4241 Melbourne Rd, Indpls, Ind	WA3-8888
Kan	Gordon Fisman Engineering Co	9160 Stanford, St Louis, Mo	PA5-5219
Mich	Michaels Industrial Controls	6460 Thurber, Birmingham	MA6-1800
Mo	Gordon Fisman Engineering Co	9160 Stanford, St Louis, Mo	PA5-5219
Nev	Arvin Bell Co	7012 N Figueroa St, Los Angeles 42, Cal	CL4-3901
NJ	Irwin Brill	250 Mt Vernon Pl, Newark 6, NJ	ES1-2257
NY	Sam Glassman Associates	29 Prestwick Terr, Glen Cove, NY	ORS-1039
Ohio	Gilroy Sales Co., The	19655 Henry Rd, Cleveland 26, Ohio	ED1-1900
Pa	Beal & Whittaker	3622 Jacksonwald, Reading, Pa	FR5-6837
Tex	Gordon V Peck Co., The	130 Casa Linda Plaza, Dallas, Tex	DA1-6579
Wash	Gene F Alercutte	P.O. Box 1566, Vancouver	OX4-8417
Can	Robert W Stark	32 Plaunt St N, Renfrew, Ont	HE2-4358
	UNIVERSAL DRAFTING MACHINE CORP	**7960 Lorain Ave, Cleveland 2, Ohio**	**OL1-4747**
	S Hoover #3 *50 D 525		
Ala	B K Elliott	3106 Park Ave SW, Birmingham	AL2-5151
Cal	Eugene Dietzgen Co	2980 7th St, Berkeley	TH8-1960
Cal	Eugene Dietzgen Co	611 Lairport St, Int'l Airport, LA	OR8-3751
Cal	Eugene Dietzgen Co	521 Market St, San Francisco	GA1-7650
Cal	Frederick Post Co	2839 S Tanager St, Los Angeles	RA3-4271
Cal	Frederick Post Co	318 Mission St, San Francisco	GA1-3388
Colo	Eugene Dietzgen Co	1746 California St, Denver	TA5-3369
Conn	Spaulding-Moss Co	55 Broadway, North Haven	EN2265
DC	Eugene Dietzgen Co	407-10th St, NW, Washington	DI7-7560
Fla	Eugene Dietzgen Co	390 W Grant Ave, Orlando	CH1-5671
Ill	Eugene Dietzgen Co	2425 Sheffield Ave, Chicago	LI9-3300
Ill	Frederick Post Co	3650 N Avondale, Chicago	KE9-7000
Ind	Eugene Dietzgen Co	2900 S 17th St, Elkhart	JA2-5634
La	Eugene Dietzgen Co	318 Camp St, New Orleans	JA5-7121
Mass	Eugene Dietzgen Co	47 Kearney Rd, Needham Hts, Boston	HI4-5850
Mass	Spaulding-Moss Co	431 Summer St, Boston	LI2-3000
Mich	Eugene Dietzgen Co	2245 Cass St, Detroit	WO2-8544
Mich	B K Elliott Co	11136 Puritan St, Detroit	UO1-7236
Mich	Frederick Post Co	50 E Jefferson Ave, Detroit	WO2-8484
Mo	Eugene Dietzgen Co	1116 E 81st St, Kansas C	EM3-1850
NJ	Frederick Post Co	41 Bingham St, Englewood	LO9-1000
NJ	Defiance Sales Corp	600 Valley Rd, Upper Montclair	PI4-4262
NY	Defiance Sales Corp	377 Lexington Ave, NYC	LE2-4854
NY	Eugene Dietzgen Co	218 E 23rd St, NYC	MU9-1040
NY	B K Elliott Co	1700 Niagara St, Buffalo	TR7-2838
Ohio	Eugene Dietzgen Co	7613 Production Dr, Cincinnati	PO1-2724
Ohio	B K Elliott Co	534 Huron Rd, Cleveland	MA1-6746
Ore	Eugene Dietzgen Co	104 SW 2nd Ave, Portland	CA8-7206
Pa	Eugene Dietzgen Co	1309 Vine St, Phila	MA7-6201
Pa	Eugene Dietzgen Co	7933 Babcock Blvd, Pittsburgh	LO3-6880
Pa	Defiance Sales Corp	1214 Arch St, Phila	LO4-3966
Pa	B K Elliott Co	536 Penn Ave, Pittsburgh	GR1-3866
Pa	Frederick Post Co	65 Terrence Dr, Pittsburgh	TU4-3200
Wash	Eugene Dietzgen Co	620 Michigan St, Seattle	PA5-8880
Wis	Eugene Dietzgen Co	3910 W Orchard St, Milwaukee	OP1-1511
Wis	Frederick Post Co	2955 N Humboldt Ave, Milwaukee	FR4-4660
For	Martin & Lawrie Ltd	33 Gore St, Hamilton, Ont	JA7-484
For	Norman Wade Co., Ltd	915 Warden Ave, Toronto, Ont	PL7-513
	UNIVERSAL ELECTRIC CO	**300 E. Main St, Owosso, Mich**	**SA5-7174**
	1165		
Ariz	Universal Electric Co	7543 Santa Monica Blvd, L A 46, Cal	HO4-815
Cal	Universal Electric Co	7543 Santa Monica Blvd, Los Angeles 46,	HO4-815
Conn	Universal Electric Co	993 Farmington Ave, W. Hartford 7, Conn	AD3-477
Ill	Universal Electric Co	5150 W. Madison St, Chicago 44, Ill	ES9-249
Ind	Universal Electric Co	451 N. Emerson Ave, Indianapolis 19,	FL6-714
Iowa	Universal Electric Co	P.O. Box 38, Elsah, Ill	HO2-565
Kan	Universal Electric Co	P.O. Box 38, Elsah, Ill	HO2-565
Md	Universal Electric Co	993 Farmington Ave, W. Hartford 7, Conn	AD3-477
Mass	Universal Electric Co	993 Farmington Ave, W. Hartford 7, Conn	AD3-477
Minn	Universal Electric Co	5150 W. Madison St, Chicago 44, Ill	ES9-249
NJ	Universal Electric Co	993 Farmington Ave, W. Hartford 7, Conn	AD3-477
NY	Universal Electric Co	993 Farmington Ave, W. Hartford 7, Conn	AD3-477
Ohio	Universal Electric Co	2499 Swansea Rd, Columbus 21, Ohio	HU6-279
Okla	Universal Electric Co	2656 Freewood Dr, Dallas 20, Tex	FL1-999
Pa	Universal Electric Co	993 Farmington Ave, W. Hartford 7, Conn	AD3-477
Tex	Universal Electric Co	2656 Freewood Dr, Dallas 20, Tex	FL1-999
Wash	Gardner Distributing Co	1827 Broadway, Seattle 22, Wash	EA1384
Wisc	Universal Electric Co	5150 W. Madison St, Chicago 44, Ill	ES9-249
•	**UNIVERSAL ELECTRONICS CO**	**1720 22nd St, Santa Monica, Cal**	**EX3-921**
	E Lacey #2 *16 C 1340		
Ark	So. Industrial Electronics Inc	518 Banff Bldg, Dallas 35, Tex	FL2-398
Cal	Calma Co	5548 Amby Dr, San Jose	AN6-617
Colo	J E Hall Co	4874 Andlor, Salt Lake City, Utah	CR6-902
Conn	Industron Co	8 Merrimack St, Lowell, Mass	GL3-056
Del	Eng Assoc	2215 Maryland Ave, Baltimore 18, Md	HO7-198
DC	Eng Assoc	2215 Maryland Ave, Baltimore 18, Md	HO7-198
Fla	DuBovy Assoc	610 N Orange Ave, Orlando	CH1-159
Idaho	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	
Ky	Ohio Instrument Co	7316 Winston Churchill Dr, Dayton, Ohio	CH4-274
Me	Industron Co	8 Merrimack St, Lowell, Mass	GL3-056
Md	Eng Assoc	2215 Maryland Ave, Baltimore 18	HO7-198
Mass	Industron Co	8 Merrimack St, Lowell	GL3-056
Mich	Michaels Ind Controls	6460 Thurber, Birmingham	MA6-180
Minn	L H Josefson & Assoc	402 Sweet Briar Ln, Hopkins	WE5-669
Nev	Calma Co	5548 Amby Dr, San Jose, Cal	AN6-617
NH	Industron Co	300 Northern Blvd, Great Neck, NY	HU7-282
NH	Industron Co	8 Merrimack St, Lowell, Mass	GL3-056
NJ	Industron Co	300 Northern Blvd, Great Neck, NY	HU7-282
NY	Industron Co	300 Northern Blvd, Great Neck, NY	HU7-282
NC	Jake Rudisill Associates	1312 Myrtle Ave, Charlotte 3, NC	FR6-479
ND	L H Josefson & Assoc	402 Sweet Briar Ln, Hopkins, Minn	WE5-669
Ohio	Ohio Instrument Co	7316 Winston Churchill Dr, Dayton 32	CH4-2744
Okla	So. Industrial Electronics Inc	518 Banff Bldg, Dallas 35, Tex	FL2-3981
Ore	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	
Pa	Ohio Instrument Co	7316 Winston Churchill Dr, Dayton, Ohio	CH4-2744
Pa	Industron Co	5359 Oxford Ave, Phila 24	PI4-2553
RI	Industron Co	8 Merrimack St, Lowell, Mass	GL3-0562
SC	Jake Rudisill Associates	1312 Myrtle Ave, Charlotte 3, NC	FR6-4792
SD	L H Josefson & Assoc	402 Sweet Briar Ln, Hopkins, Minn	WE5-6695
Tenn	Jake Rudisill Associates	1312 Myrtle Ave, Charlotte 3, NC	FR6-4792
Tex	So Ind Electronics, Inc	518 Banff Bldg, Dallas 35	FL2-3981
Utah	J E Hall Co	4874 Andlor, Salt Lake City	CR6-9023
Vt	Industron Co	8 Merrimack St, Lowell, Mass	GL3-0562
Va	Jake Rudisill Associates	1312 Myrtle Ave, Charlotte 3, NC	FR6-4792
Wash	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	
W. Va	Ohio Instrument Co	7316 Winston Churchill Dr, Dayton, Ohio	CH4-2744
Wis	L H Josefson & Assoc	402 Sweet Briar Ln, Hopkins, Minn	WE5-6695
Foreign	Frazar & Hansen Ltd	301 Clay St, San Francisco, Cal	EX2-5112
	UNIVERSAL INSTRUMENTS CORP.	**139 E Frederick St, Binghamton, NY**	**RA2-1244**
	F Lewton #15 *200 E 360-895-1075		
Ariz	Weightman & Assoc	4029 W. Burbank Blvd, Burbank, Cal	VI9-2435
Cal	Weightman & Assoc	4029 W. Burbank Blvd, Burbank	VI9-2435
Cal	Weightman & Assoc	1436 El Camino Real, Menlo Park	
Conn	Gordon Mayo	Rt. 1, Sugar Hill Rd, Concord, NH	PI6-3939
Del	W H Kimball	8444 Piney Branch Ct, Silver Spring, Md	JU8-1154
DC	W H Kimball	8444 Piney Branch Ct, Silver Spring, Md	JU8-1154
Fla	W H Kimball	8444 Piney Branch Ct, Silver Spring, Md	JU8-1154
Ill	P J Wilson	Box 319, New Paltz, NY	AL6-8481
Ind	P J Wilson	Box 319, New Paltz, NY	AL6-8481
Iowa	P J Wilson	Box 319, New Paltz, NY	AL6-8481
Me	Gordon Mayo	Rt. 1, Sugar Hill Rd, Concord, NH	PI6-3939
Md	W H Kimball	8444 Piney Branch Ct, Silver Spring	JU8-1154
Mass	Gordon Mayo	Rt. 1, Sugar Hill Rd, Concord, NH	PI6-3939
Mich	P J Wilson	Box 319, New Paltz, NY	AL6-8481
Minn	P J Wilson	Box 319, New Paltz, NY	AL6-8481
Nev	Weightman & Assoc	4029 W. Burbank Blvd, Burbank, Cal	VI9-2435
NH	Gordon Mayo	Rt. 1, Sugar Hill Rd, Concord	PI6-3939
NJ	D G Leslie	Box 326, Wayne, Pa	MU8-3311
NY	F Jensen	1401 Teall Ave, Syracuse	HO3-4613
NY	D G Leslie	Box 326, Wayne, Pa	MU8-3311
NC	W H Kimball	8444 Piney Branch Ct, Silver Spring, Md	JU8-1154
Pa	D G Leslie	Box 326, Wayne	MU8-3311
RI	Gordon Mayo	Rt. 1, Sugar Hill Rd, Concord, NH	PI6-3939
SC	W H Kimball	8444 Piney Branch Ct, Silver Spring, Md	JU8-1154
Vt	Gordon Mayo	Rt. 1, Sugar Hill Rd, Concord, NH	PI6-3939
Va	W H Kimball	8444 Piney Branch Ct, Silver Spring, Md	JU8-1154
Wis	P J Wilson	Box 319, New Paltz, NY	AL6-8481
For	B Freudenberg Inc	50 Rockefeller Pl, NY 20, NY	PL7-9130
	UNIVERSAL MFG. CO. INC	**1168 EB Grove St, Irvington 11, NJ**	**ES4-9800**
	A Vicari #2 *20 D 895-1075-1120		
Ariz	Electrical Specialty Co	Box 232, Phoenix	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Electrical Specialty Co	2920 E. 12th St. LA	
Cal	Electrical Specialty Co	158-168 11th St. SF	
Colo	Electrical Specialty Co	2066 Arapahoe St. Denver	
Fla	Brownell Inc	307-27th St. Orlando	
Ga	Brownell Inc	690 Murphy Ave. SW. Atlanta	
Ill	K A Kocetzky Association	4900 N. Lincoln Ave. Chicago	
Md	Pace Inc	8218 Wisconsin Ave. Bethesda	
NY	Tesco Assoc	114 Miles Ave. Syracuse, NJ	
Ohio	Lee Sales Co	4447 Needmore Rd. Dayton	
Ore	Electrical Specialty Co	1822 NW. 25th Ave. Portland	
Tex	Scott Technical Sales	3519 Timberview Rd. Dallas	
Wash	Electrical Specialty Co	2442 1st Ave. S. Seattle	
Can	R H Nichols Ltd	Box 500, Downsview, Ont.	
For	Metroelettronica	Piazzale, Lubia, N. 1 Milano, Italy	
For	Avo. Ltd	92-96 Vauxhall Bridge Rd. London, Eng.	
For	Electronic Enterprises	New Charni Rd. Bombay, India	

UNIVERSAL MATCH CORP.
ARMAMENT DIV .... 472 Paul Ave. St Louis 35, Mo JA2-1620
J Simons #500 *1,300 G 20-180-185-190-775-795-895-1125-1290-1545-1735

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Universal Match Corp	6850 Van Nuys Blvd. Van Nuys	ST2-9744
DC	Universal Match Corp	1413 K St. NW	RE7-5421

UNIVERSAL MICROPHONE CO ..... 2610 Villa Ln, Costa Mesa, Cal LI8-4265
1130

UNIVERSAL TOROID COIL WINDING INC .... 171 EB Colt St. Irvington 11, NJ ES4-9800
A Viceri #2 *20 B 275-320-365-895-915-1420-1575-1755-1855-1995

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ohio	Lee Sales Co	4447 Needmore Rd. Dayton	

UNIVERSAL TRANSISTOR PRODUCTS CORP .... 36 Sylvester St, Westbury, NY ED3-3304
D Birnbaum #5 *28 D 365-895-915-1135-1340

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Alaska	Northwest Sales & Engrg Serv Co	915 Terry Sales Bldg, Seattle, Wash	MA2-3860
Cal	Wallace & Wallace	1206 Maple Ave, Los Angeles, Cal	RI7-0401
Cal	Northwest Sales & Engrg Serv Co	470 Market St, San Francisco, Cal	EX2-4154
Conn	Zaslow Sales Co	130 Foxcroft Rd, W. Hartford 7, Conn	AD6-3265
Fla	Buthen Inc	4924 Oleander Dr, Wilmington, NC	RO2-6749
Ga	Buthen Inc	4924 Oleander Dr, Wilmington, NC	RO2-6749
Idaho	Northwest Sales & Engrg Serv Co	915 Terry Sales Bldg, Seattle, Wash	MA2-3860
Me	Zaslow Sales Co	371 Howard St, Northboro, Mass	EX3-8150
Mass	Zaslow Sales Co	371 Howard St, Northboro, Mass	EX3-8150
Mont	Northwest Sales & Engrg Serv Co	915 Terry Sales Bldg, Seattle, Wash	MA2-3860
Nev	Wallace & Wallace	1206 Maple Ave, Los Angeles, Cal	RI7-0401
NH	Zaslow Sales Co	371 Howard St, Northboro, Mass	EX3-8150
NJ	A-D Associates	297 Green Brook Rd, N. Plainfield, NJ	PL5-6766
NY	A-D Associates	95 Fulton St, Valley Stream, NY	VA5-8955
NC	Buthen Inc	4924 Oleander Dr, Wilmington, NC	RO2-6749
Okla	Delzell Sales Co	643 Cowtan Creek Dr, Dallas, Tex	FE1-6081
Ore	Northwest Sales & Engrg Serv Co	915 Terry Sales Bldg, Seattle, Wash	MA2-3860
RI	Zaslow Sales Co	371 Howard St, Northboro, Mass	EX3-8150
SC	Buthen Inc	4924 Oleander Dr, Wilmington, NC	RO2-6749
Tex	Delzell Sales Co	643 Cowtan Creek Dr, Dallas, Tex	FE1-6081
Vt	Zaslow Sales Co	371 Howard St, Northboro, Mass	EX3-8150
Va	Buthen Inc	4924 Oleander Dr, Wilmington, NC	RO2-6749
Wash	Northwest Sales & Engrg Serv Co	915 Terry Sales Bldg, Seattle, Wash	MA2-3860
Canada	Conway Electronic Enterprises	1514 Eglinton Ave, W., Toronto, Ontario	RU3-6576

UNIVERSITY LOUDSPEAKERS ..... 80 S. Kensico Ave, White Plains, NY ... WH6-7700
S Neufeld #8 *175 E 55-180-480-840-910-1130-1200-1235-1370-1675

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Hollingsworth & Still	Whitehead Bldg, Atlanta, Ga	MU8-5878
Alaska	Don H Burcham Co	510 N.W. 19th Ave, Portland, Ore	CA7-3380
Ariz	Marshank Sales Co	7422 Melrose Ave, Los Angeles, Cal	WE8-2591
Ark	Cartwright & Bean	560 Cooper St, Memphis, Tenn	BR5-1914
Ark	Hal F Corry Co	6315 Hillcrest Ave, Dallas, Tex	LA8-9172
Cal	E L Berman & Co	Box 834, Belmont, San Francisco	LY1-7321
Cal	Marshank Sales Co	7422 Melrose Ave, Los Angeles, Cal	WE8-2591
Colo	Ralph Stevenson	Box 17495, Salt Lake City, Utah	CR7-2515
Conn	Michael Scott Co	336 Washington St, Wellesley Hills, Mass	CE5-0102
Del	Be-Esco Sales	45 S Broadway, Yonkers, NY	YO3-0150
DC	Be-Esco Sales	45 S Broadway, Yonkers, NY	YO3-0150
Fla	Hollingsworth & Still	Whitehead Bldg, Atlanta, Ga	MU8-6878
Ga	Hollingsworth & Still	Whitehead Bldg, Atlanta, Ga	MU8-5878
Haw	E L Berman & Co	Box 834, Belmont, San Francisco, Cal	LY1-7821
Idaho	Don H Burcham Co	510 N.W. 19th Ave, Portland, Ore	CA7-3380
Ill	George Petitt Co	349 N. Ashland Ave, River Forest, Ill	CO1-0342
Ind	Robert O Whitesell	6620 E. Washington St, Indianapolis, Ind	FL9-6374
Iowa	Heimann Co	1711 Hawthorne, Minneapolis, Minn	FE2-5457
Kan	Heimann Co	1711 Hawthorne, Minneapolis, Minn	FE2-5457
Ky	R O Whitesell	6620 Washington St, Indianapolis, Ind	EL9-5374
La	Cartwright & Bean	560 S. Cooper St, Memphis, Tenn	BR5-1914
Me	Michael Scott Co	336 Washington St, Wellesley Hills, Mass	CE5-0102
Md	Be-Esco Sales	45 S Broadway, Yonkers, NY	YO3-0150
Mass	Michael Scott Co	336 Washington St, Wellesley Hills, Mass	CE5-0102
Mich	Lee R Hale Co	11432 W. McNichols, Detroit, Mich	UN3-4161
Minn	Heimann Co	1711 Hawthorne, Minneapolis, Minn	FE2-5457
Miss	Cartwright & Bean	560 S. Cooper St, Memphis, Tenn	BR5-1914
Mo	Heimann Co	1711 Hawthorne, Minneapolis, Minn	FE2-5457
Mont	Don H Burcham Co	510 N.W. 19th Ave, Portland, Ore	CA7-3380
Mont	R Stevenson Co	Box 17495, Salt Lake City, Utah	CR7-2515
Neb	R Stevenson Co	Box 17495, Salt Lake City, Utah	CR7-2515
Neb	Ralph Stevenson Co	2995 Walker Ln, Salt Lake City, Utah	CR7-2515
Nev	Marshank Sales Co	7422 Melrose Ave, Los Angeles, Cal	WE8-2591
NH	Michael Scott Co	336 Washington St, Wellesley Hills, Mass	CE5-0102
NJ	Be-Esco Sales	45 S Broadway, Yonkers, NY	YO3-0150
NM	R Stevenson Co	Box 17495, Salt Lake City, Utah	CR7-2515
NY	Be-Esco Sales	45 S Broadway, Yonkers	YO3-0150
NY	Les Jacobson Co	1366 Kenmore Ave, Buffalo, NY	DE0442
NC	Hollingsworth & Still	Whitehead Bldg, Atlanta, Ga	MU8-5878
ND	Heimann Co, The	1711 Hawthorne Ave, Minneapolis, Minn	FE2-5457
Ohio	Les A Morrow Co	3123 W. 117 St, Cleveland, Ohio	CL1-5700
Okla	Hal F Corry Co	6315 Hillcrest Ave, Dallas, Tex	LA8-9172
Ore	Don F Burcham Co	510 N.W. 19th Ave, Portland, Ore	CA7-3380
Pa	Be-Esco Sales	45 S Broadway, Yonkers, NY	YO3-0150
Pa	Les A Morrow Co	3123 W. 117 St, Cleveland, Ohio	CL1-5700
RI	Michael Scott Co	336 Washington St, Wellesley Hills, Mass	CE5-0102
SC	Hollingsworth & Still	Whitehead Bldg, Atlanta, Ga	MU8-5878
SD	Heimann Co	1711 Hawthorne, Minneapolis, Minn	FE2-5457
Tenn	Hollingsworth & Still	Whitehead Bldg, Atlanta, Ga	MU8-5878
Tenn	Cartwright & Bean	560 S. Cooper St, Memphis, Tenn	BR5-1914
Tex	Hal F Corry Co	6315 Hillcrest Ave, Dallas, Tex	LA8-9172
Tex	R Stevenson & Co	Box 17495, Salt Lake City, Utah	CR7-2515
Utah	R Stevenson Co	Box 17495, Salt Lake City	CR7-2515
Vt	Michael Scott Co	336 Washington St, Wellesley Hills, Mass	CE5-0102
Va	Be-Esco Sales	45 S Broadway, Yonkers, NY	YO3-0150
Va	Hollingsworth & Still	Whitehead Bldg, Atlanta, Ga	MU8-6878
Wash	Don H Burcham Co	510 N.W. 19th Ave, Portland, Ore	CA7-3380
W. Va	Les A Morrow Co	3123 W. 117 St, Cleveland, Ohio	CL1-5700
Wisc	Heimann Co	1711 Hawthorne, Minneapolis, Minn	FE2-5457
Wyo	R Stevenson & Co	Box 17495, Salt Lake City, Utah	CR7-2515
Canada	Charles L Thompson Ltd	3115 Lasalle Ave, N. Vancouver, B C	YU7-9388
Canada	John R Tilton Ltd	51 McCormack St, Tor 9, Ont, Canada	RO9-1129
Foreign	Pan Mar Corp	1270 Broadway, New York, NY	WI7-7996

UNIVOX CORP .... 102 Warren St, New York 7, NY WO2-5630
R Wiggins #3 *40 E 35-185-795-895-920-1965

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Univox Corp	4301 W. Jefferson Blvd, Los Angeles 16,	RE4-4163

UPPCO INC .... 900 S Des Plaines St, Chicago 7, Ill HA7-4805
J Cole #5 *200 E 1165

UTAH ELECTRONICS CORP .... 1124 E Franklin St. Huntington, Ind 3100
W Allen #6 *250 E 55-765-1180-1200-1675

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
Ariz	Harry A Neese Sales Co	4142 N. 38th St, Phoenix, Ariz	AM5-4562
Ark	Athans Sales Co	516 S Central Expwy, Dallas 26, Tex	RI2-4450
Cal	Bridge Weber Co	1217 Venice Blvd. LA 6	DU7-2111
Cal	L H Harriss Co	204 E Hillsdale Blvd, San Mateo	FI1-2909
Colo	Peyser & Co	1501 N. Weber St. Colorado Springs, Colo	ME4-3401
Conn	Larry B Cole Co	2300 Washington, Newton Lwr Falls, Mass	DE2-2490
Del	Art Cerf & Co	744 Broad St, Newark 2, NJ	MI2-6734
DC	Art Cerf & Co	744 Broad St, Newark 2, NJ	MI2-6734
Fla	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
Ga	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
Haw	Don H Burcham Co	PO Box 2965, Honolulu 3	55-851
Idaho	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Ill	Wm Doyle Co	7600 W Touhy Ave, Chicago 45	BR4-6665
Ind	Burton Hamster	4320 Dodge Ave, Ft Wayne 3	TR3-1348
Iowa	Koenig Myers Assoc	4531 Main St, Kansas City 11, Mo	JE1-7221
Kan	Koenig Myers Assoc	4531 Main St, Kansas City 11, Mo	JE1-7221
Ky	Burton Hamster	4320 Dodge Ave, Ft Wayne 3, Ind	TR3-1348
La	Athans Sales Co	516 S Central Expwy, Dallas 26, Tex	RI2-4450
Me	Larry B Cole Co	2300 Washington, Newton Lwr Falls, Mass	DE2-2490
Md	Art Cerf & Co	744 Broad St, Newark, NJ	MI2-6734
Mass	Larry B Cole Co	2300 Washington, Newton Lwr Falls	DE2-2490
Mich	Henschen-Jensen Co	2842 W. Grand Blvd, Detroit 2, Mich	TR1-0308
Minn	Clark R Gibb Co	2400 Hennepin Ave, Minneapolis, Minn	FR7-1200
Miss	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
Mo	Koenig Myers Assoc	4531 Main St, Kansas City 11	JE1-7221
Mont	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Neb	Koenig Myers Assoc	4531 Main St, Kansas City 11, Mo	JE1-7221
Nev	L H Harriss Co	204 E Hillsdale Blvd, San Mateo, Cal	FI1-2909
NH	Larry B Cole Co	2300 Washington, Newton Lwr Falls, Mass	DE2-2490
NJ	Art Cerf & Co	744 Broad St, Newark 2, NJ	MI2-6734
NM	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
NY	Art Cerf & Co	744 Broad St, Newark 2, NJ	MI2-6734
NC	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
ND	Clark R Gibb Co	2400 Hennepin Ave, Minneapolis, Minn	FR7-1200
Ohio	F A Daugherty Co	6025 Mayfield Rd, Cleveland 24, Ohio	HI9-1122
Okla	Athans Sales Co	516 S Central Expwy, Dallas 26, Tex	RI2-4450
Ore	Don Smith Sales Co	2380 N. 45th St, Seattle, Wash	ME3-3160
Pa	Art Cerf & Co	744 Broad St, Newark 2, NJ	MI2-6734
Pa	F A Daugherty Co	6025 Mayfield Rd, Cleveland, Ohio	HI9-1122
RI	Larry B Cole Co	2300 Washington, Newton Lwr Falls, Mass	DE2-2490
SC	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
SD	Clark R Gibb Co	2400 Hennepin Ave, Minneapolis, Minn	FR7-1200
Tenn	Atcheson & Adams	601 N. Elm St, Greensboro, NC	BR2-6838
Tex	Athans Sales Co	516 S Central Expwy, Dallas 26	RI2-4450
Utah	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Vt	Larry B Cole Co	2300 Washington, Newton Lwr Falls, Mass	DE2-2490
Va	Art Cerf & Co	744 Broad St, Newark 2, NJ	MI2-6734
Wash	Don Smith Sales Co	2380 N. 45th St, Seattle, Wash	ME3-3160
W. Va	F A Daugherty Co	6025 Mayfield Rd, Cleveland, Ohio	HI9-1122
Wis	Wm Doyle Co	7600 W Touhy Ave, Chicago 45, Ill	BR4-6665
Wisc	Clark R Gibb & Co	2400 Hennepin Ave, Minneapolis, Minn	FR7-1200
Wyo	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401

● **UTICA DROP FORGE & TOOL DIV. KELSEY-HAYES CO** .... 2415 Whitesboro St, Utica 4, NY
1825

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Theron D Wadden Jr	P.O. Box 275, Keystone Hghts, Fla	
Ariz	Dillon Stevens & Co	1348 Venice Blvd, Los Angeles, Cal	
Ark	Melvin Glandon	623 Dunn, Waxahachie, Tex	
Cal	Dillon Stevens & Co	1348 Venice Blvd, Los Angeles, Cal	
Cal	Dillon Stevens & Co	430 Market St, San Francisco, Cal	
Colo	L B Putnam Co	2013 Welton, Denver 5, Colo	
Conn	Howard V Neff	R F D 2, Putnam, Conn	WA8-4249
Del	Willard I Pugh	1426 Watkins Ave, Utica, NY	RA4-7560
DC	Willard I Pugh	1426 Watkins Ave, Utica, NY	RA4-7560
Fla	Theron D Wadden Jr	Box 275, Keystone Hgts, Fla	
Ga	Theron D Wadden Jr	P.O. Box 275, Keystone Hghts, Fla	
Hawaii	Dillon Stevens & Co	1348 Venice Blvd, Los Angeles, Cal	
Idaho	L B Putnam Co	2013 Welton, Denver 5, Colo	
Ill	T F Chicoine	10034 S. Prospect Ave, Chicago 43, Ill	HI5-6090
Ind	Roy Jeggle	3235 McGill Rd, Cincinnati 39, Ohio	
Iowa	Donald Teorey	4622 Casco Ave, Mnnpls, Minn	WA2-3141
Kan	William Murphy	7915 W. 61st St, Merriam, Kan	HE2-2034
Ky	Roy Jeggle	3235 McGill Rd, Cincinnati 39, Ohio	WE1-5161
La	Melvin Glandon	623 Dunn, Waxahachie, Tex	
Me	Howard V Neff	R F D 2, Putnam, Conn	WA8-4249
Md	Willard I Pugh	1426 Watkins Ave, Utica, NY	RA4-7560
Mass	Howard V Neff	R F D 2, Putnam, Conn	WA8-4249
Mich	Chester B Hock	5940 Kensington, Detroit 24, Mich	TU4-4096
Minn	Donald Teorey	4622 Casco Ave, Mnnpls, Minn	WA2-3141
Miss	Theron D Wadden Jr	P.O. Box 275, Keystone Hghts, Fla	
Mo	William Murphy	7915 W. 61st St, Merriam, Kan	HE2-2034
Mont	L B Putnam Co	2013 Welton, Denver 5, Colo	
Neb	William Murphy	7915 W. 61st St, Merriam, Kan	HE2-2034
Nev	Dillon Stevens & Co	1348 Venice Blvd, Los Angeles, Cal	
NH	Howard V Neff	R F D 2, Putnam, Conn	WA8-4249
NJ	Dunn & Bryan	28 Warren St, New York, NY	WO4-8091
NM	L B Putnam Co	2013 Welton, Denver 5, Colo	
NY	F J Stiefvater	1402 Sunset Ave, Utica, NY	RE3-1662
NY	Willard I Pugh	1426 Watkins Ave, Utica, NY	RA4-7560
NY	Dunn & Bryan	28 Warren St, New York 17, NY	WO4-8091
NC	Howard A Edick	3944 Winfield Dr, Charlotte 5, NC	
ND	Donald Teorey	4622 Casco Ave, Minneapolis, Minn	WA2-3141
Ohio	Roy Jeggle	3235 McGill Rd, Cincinnati 39, Ohio	WE1-5161
Okla	Melvin Glandon	623 Dunn, Waxahachie, Tex	
Ore	Gardner Distributing Co	1827 Broadway, Seattle 9, Wash	
Pa	Robert C Bryan	407 Crest Rd, Oreland, Pa	
RI	Howard V Neff	R F D 2, Putnam, Conn	WA8-4249
SC	Howard A Edick	3944 Winfield Dr, Charlotte 5, NC	
SD	Donald Teorey	4622 Casco Ave, Minneapolis, Minn	WA2-3141
Tenn	Howard A Edick	3944 Winfield Dr, Charlotte 5, NC	
Tex	Melvin Glandon	623 Dunn, Waxahachie, Tex	
Utah	L B Putnam Co	2013 Welton, Denver 5, Colo	
Vt	Howard V Neff	R F D 2, Putnam, Conn	WA8-4249
Va	Howard A Edick	3944 Winfield Dr, Charlotte 5, NC	
Wash	Gardner Distributing Co	1827 Broadway, Seattle 9, Wash	
W. Va	F J Stiefvater	1402 Sunset Ave, Utica, NY	RE3-1662
Wisc	James R Linsenberg	3106 S. 61st St, Milwaukee, Wisc	
Wyo	L B Putnam Co	2013 Welton, Denver 5, Colo	
Canada	Adlam Tool & Supply Co Ltd	1015 St. Alexander St, Mont, Canada	NO6-5175
Foreign	American Steel Export Co., Inc	347 Madison Ave, New York 17, NY	MU6-2100

UTRAD CORP DIV., LITTON IND. .. 305 N. Briant, Huntington, Ind 4088
A Kaufman #6 *125 B 1855-1860

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Murphy & Cota	2110 Peachtree Rd. NW, Atlanta 9, Ga	TR6-3020
Alas	D Elder McLennan Sales Co, Ltd	1674 W 3rd Ave, Vancouver, BC, Can	BA9251
Alas	R C Kennett Sales Ltd	71 Crockford Blvd, Scarborough, Ont	PL7-1171
Ariz	Triad Transformer Corp	4055 Redwood Ave, Venice, Cal	EX7-2145
Ariz	Miles Wagner	215 E River Rd, Rt 4, Tucson	CY7-0963
Ark	Bramm Sales, Inc	2234 Havenhurst, Dallas 34, Tex	CH7-7128
Cal	Logan Sales Co	150 9th St, SF 3	HE1-1692
Cal	Triad Transformer Corp	4055 Redwood Ave, Venice	EX7-2145
Colo	McLound & Raymond Co	2151 S Grape St, Denver 22	SK6-1589
Conn	Dan Greene Organization, Inc., The	PO Box 124, Cambridge 38, Mass	UN4-2220
Del	Robert Finley	Lincoln Bldg, Ridgewood, NJ	OL2-0083
DC	Robert Finley	Lincoln Bldg, Ridgewood, NJ	OL2-0083
Fla	Murphy & Cota	2110 Peachtree Rd, NW, Atlanta 9, Ga	TR6-3020
Ga	Murphy & Cota	2110 Peachtree Rd, NW, Atlanta 9	TR6-3020
Haw	Triad Transformer Corp	4055 Redwood Ave, Venice, Cal	EX7-2145
Idaho	McLound & Raymond Co	2151 S Grape St, Denver 22, Colo	SK6-1589
Idaho	Dave Miller Sales Co	2323 N 45th, Seattle 3, Wash	ME2-7070
Ill	Ellinger Sales Corp	6540 NW Hwy, Chicago 31	RO3-1570
Ind	E S Neesler	Box C, Box 2487, Ft Wayne	HA3726
Ind	Burton F Hamster	4320 Dodge Ave, Ft Wayne 3	
Iowa	Ellinger Sales Corp	6540 NW Hwy, Chicago 31, Ill	RO3-1570
Kan	Ellinger Sales Corp	6540 NW Hwy, Chicago 31, Ill	RO3-1570
Ky	Burton F Hamster	4320 Dodge Ave, Ft Wayne 3, Ind	TR3-1348
La	Bramm Sales, Inc	2234 Havenhurst, Dallas 34, Tex	CH7-7128
Me	Dan Greene Organization, Inc., The	PO Box 124, Cambridge 38, Mass	UN4-2220
Md	Robert Finley	Lincoln Bldg, Ridgewood, NJ	OL2-0083
Md	Gene S Root & Co	733 Vallevista Ave, Pittsburgh 34, Pa	LO1-4125
Mass	Dan Greene Organization, Inc., The	PO Box 124, Cambridge 38	UN4-2220
Mich	Henschen, Jensen & Co	2842 W Grand Blvd, Detroit 2	TR1-0308
Minn	Clark R Gibb Co	2400 Hennepin Ave, Mnpls 5	FR7-1200
Miss	Murphy & Cota	2110 Peachtree Rd, NW, Atlanta 9, Ga	TR6-3020
Mo	Ellinger Sales Corp	6540 NW Hwy, Chicago 31, Ill	RO3-1570
Mont	McLound & Raymond Co	2151 S Grape St, Denver 22, Colo	SK6-1589
Mont	Dave Miller Sales Co	2323 N 45, Seattle 3, Wash	ME2-7070
Neb	McLound & Raymond Co	2151 S Grape St, Denver 22, Colo	SK6-1589
Neb	Ellinger Sales Corp	6540 NW Hwy, Chicago 31, Ill	RO3-1570
Nev	Logan Sales Co	150 9th St, SF 3, Cal	HE1-0692
NH	Dan Greene Organization, Inc., The	PO Box 124, Cambridge 38, Mass	UN4-2220
NJ	Be-Esco Sales Corp	45 S Broadway, Yonkers, NY	YO3-1709
NJ	Robert Finley	Lincoln Bldg, Ridgewood	
NM	McLound & Raymond Co	2151 S Grape St, Denver 22, Colo	SK6-1589
NY	BeEsco Sales Corp	45 S Broadway, Yonkers	YO3-1709
NC	Murphy & Cota	2110 Peachtree Rd, NW, Atlanta 9, Ga	TR6-3020
ND	Clark R Gibb Co	2400 Hennepin Ave, Mnpls 5, Minn	FR7-1200
Ohio	Frank Kahrer	4901 Prosperity Pl. Cinc 36	GR1-9011
Okla	Bramm Sales, Inc	2234 Havenhurst, Dallas 34, Tex	CH7-7128
Ore	Dave Miller Sales Co	2323 N 45th, Seattle 3, Wash	ME2-7070
Pa	Robert Finley	Lincoln Bldg, Ridgewood, NJ	OL2-0083
Pa	Gene S Root & Co	733 Vallevista Ave, Pittsburgh 34	LO1-4125
RI	Dan Greene Organization, Inc., The	PO Box 124, Cambridge 38, Mass	UN4-2220
SC	Murphy & Cota	2110 Peachtree Rd, NW, Atlanta 9, Ga	TR6-3020
SD	Clark R Gibb Co	2400 Hennepin Ave, Mnpls 5, Minn	FR7-1200
Tenn	Murphy & Cota	2110 Peachtree Rd, NW, Atlanta 9, Ga	TR6-3020
Tex	Bramm Sales, Inc	2234 Havenhurst, Dallas 34	CH7-7128
Utah	McLound & Raymond Co	2151 S Grape St, Denver 22, Colo	SK6-1589
Vt	Dan Greene Organization, Inc., The	PO Box 124, Cambridge 38, Mass	UN4-2220
Va	Robert Finley	Lincoln Bldg, Ridgewood, NJ	OL2-0083
Va	Murphy & Cota	2110 Peachtree Rd, NW, Atlanta 9, Ga	TR6-3020
Wash	Dave Miller Sales Co	2323 N 45th St, Seattle 3	ME2-7070
W Va	Gene S Root & Co	733 Vallevista Ave, Pittsburgh 34, Pa	LO1-4125
Wis	Clark R Gibb Co	2400 Hennepin Ave, Mnpls 5, Minn	FR7-1200
Wis	Ellinger Sales Corp	6540 NW Hwy, Chicago 31, Ill	RO3-1570
Wyo	McLound & Raymond Co	2151 S Grape St, Denver 22, Colo	SK6-1589
For	Westrex Corp	540 W 58th St, NY 19, NY	JU2-3030

V-M CORP .... 305 Territorial, Benton Harbor, Mich WA5-0841
M Cain 895-1255-1435-1895

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Ray Marchbanks	4624 N. Side Dr, Atlanta, Ga	BL5-0251

● INDICATES ADVERTISERS IN THIS ISSUE

FOR EXPLANATION OF SYMBOLS # * A 15 SEE PG. M

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Alas	D H Burcham Co	2517 2nd Ave, Seattle 1, Wash	MA2-5512
Ariz	J W Marsh Co	4216-20 W. Jefferson, LA, Cal	RE2-0145
Ark	Lex-Lawson	1201 Briarwood, Garland, Tex	BR8-2219
Cal	J W Marsh Co	4216-20 W. Jefferson, LA	RE2-0145
Colo	Koether-Cox Co	1325 S. Inca, Denver 23	PE3-5561
Conn	W A Hendrickson Co	291 1st Parish Rd. Scituate, Mass	LI5-0652
Del	Chuck Goodmansen	71 Willet Rd, Glen Cove, NY	OR6-6818
DC	Chuck Goodmansen	71 Willet Rd, Glen Cove, NY	OR6-6818
Fla	Ray Marchbanks	4824 N. Side Dr, Atlanta 5, Ga	BL5-0251
Ga	Ray Marchbanks	4824 N. Side Dr, Atlanta 5, Ga	BL5-0251
Idah	Koether-Cox Co	1325 S. Inca, Denver 23, Colo	PE3-5561
Ill	Jim Fitzsimmons	6124 Milwaukee Ave, Chicago, Ill	NE1-7660
Ind	Joe Clancy	Box 298, Angola, Ind	AN793
Iowa	M Peck	4213 W. 70 St. Prairie Village, Kan	EN2-2312
Kan	M Peck	4213 W. 70 St. Prairie Village, Kan	EN2-2312
Ky	Joe Clancy	Box 298, Angola, Ind	AN793
La	L Lawson	1201 Briarwood, Garland, Tex	BR8-2219
Me	Chuck Goodmansen	71 Willet Rd, Glen Cove, NY	OR6-6818
Mass	W A Hendrickson Co	291 1st Parish Rd. Scituate	LI5-0652
Mich	Garrett F Ross	4447 Arlington Ave, Royal Oak, Mich	LI9-3693
Minn	Jim Fitzsimmons	6124 Milwaukee Ave, Chicago, Ill	NE1-7660
Miss	L Lawson	1201 Briarwood, Garland, Tex	BR8-2219
Mo	M Peck	4213 W. 70 St. Prairie Village, Kan	EN2-2312
Mont	D H Burcham Co	510 NW 19th Ave. Portland 9, Ore	CA6-4148
Neb	M Peck	4213 W. 70 St. Prairie Village, Kan	EN2-2312
Neb	Koether-Cox Co	1325 S. Inca, Denver, Colo	PE3-5561
Nev	J W Marsh Co	4216-20 W. Jefferson, LA, Cal	RE2-0145
NH	W A Hendrickson Co	291 1st Parish Rd. Scituate, Mass	LI5-0652
NJ	C Goodmansen	71 Willets Rd. Glen Cove, NY	OR6-6818
NJ	I W Woolf Assoc	104 S. Central Ave. Valley Stream, NY	LO1-0122
NM	H F Koether	1325 S. Inca, Denver 23, Colo	PE3-5561
NY	L D Allen Inc	115 Luther Ave. Liverpool	GR1-3108
NY	I W Woolf Assoc	104 S. Central Ave. Valley Stream	LO1-0122
NC	Marchbanks	4824 N. Side Dr, Atlanta, Ga	BL5-0251
ND	Jim Fitzsimmons	6124 Milwaukee Ave, Chicago, Ill	NE1-7660
Ohio	Joe Clancy	Box 298, Angola, Ind	AN793
Okla	L Lawson	1201 Briarwood, Garland, Tex	BR8-2219
Ore	Burcham	510 N.W. 19th Ave, Portland, Ore	CA6-4148
Pa	Chuck Goodmansen	71 Willet Rd, Glen Cove, NY	OR6-6818
Pa	L D Allen Inc	115 Luther Ave. Liverpool, NY	GR1-3108
RI	W A Hendrickson Co	291 1st Parish Rd. Scituate, Mass	LI5-0652
SC	Marchbanks	4824 N. Side Dr, Atlanta, Ga	BL5-0251
SD	Fitzsimmons	6124 Milwaukee Ave, Chicago, Ill	NE1-7660
Tenn	Marchbanks	4824 N. Side Dr, Atlanta, Ga	BL5-0251
Tex	L Lawson	1201 Briarwood, Garland	BR8-2219
Utah	Koether-Cox Co	1325 S. Inca, Denver, Colo	PE3-5561
Vt	W A Hendrickson Co	291 1st Parish Rd. Scituate, Mass	LI5-0652
Va	Goodmansen	71 Willet Rd, Glen Cove, NY	OR6-6818
Wash	Burcham	510 N.W. 19th Ave, Portland, Ore	CA6-4148
W. Va	Goodmansen	71 Willet Rd, Glen Cove, NY	OR6-6818
Wisc	Fitzsimmons	6124 Milwaukee Ave, Chicago, Ill	NE1-7660
Wyo	Koether-Cox Co	1325 S Inca, Denver, Colo	PE3-5561
•	**VACAP CORP**	**1905 Summit Ave, Union City, NJ**	**UN7-6699**
	L Delisle #2 *25 A 220		
	VACO PRODUCTS CO	**317 E. Ontario, Chicago, Ill**	**WH4-2340**
	345-1715-1780-1825		
Ala	Dave Hall	P.O. Box 1981, Birmingham, Ala	AL1-8271
Cal	Federated Sales Co	5921 N. Temple City Blvd, Temple City	CU3-8874
Cal	Nickerson & Gray Associates	2434 Park Blvd, Palo Alto, Cal	DA6-1152
Colo	K H Kutter	1130 Jersey St, Denver, Colo	FL5-6415
Fla	Geo Hanner	1040 N.E. 180 Terr, N. Miami Beach, Fla	WI5-5793
Ga	Paul Hayden	P.O. Box 335, East Point, Ga	PO[illegible]
Hawaii	Gordon Dougherty	P.O. Box 198, Kailua, Hawaii	265-275
Ill	Bill Dare	4075 N. Jarvis, Lincolnwood, Ill	OR4-2551
Ill	Ed Davis	3604 S. Clarence, Berwyn, Ill	GU4-1521
Ind	C H Layman	213 S. Main, Walton, Ind	2595
Mass	A Boris Bernstein	98 Fuller St, Brookline, Mass	AS7-9420
Mich	J Malcolm Flora	Territorial & Ridgewood, Plymouth, Mich	GL3-4[illegible]
Mo	Collins-Hawecamp Associates	6635 N. Baltimore, Kansas City, Mo	GL3-4417
NJ	Jos M Sternmar	39 Meadowbrook Pl, Maplewood, NJ	OR2-0741
NY	Arthur Hamersching	2396 Bainbridge Ave, New York 58, NY	SE3-5348
NY	H D Rabe	2951 Ocean Ave, Brooklyn 35, NY	NI6-7207
NY	W J Coleman	135 E. Edwards, Syracuse, NY	HO3-2151
NC	James Horne	413 W. 5th St, Burlington, NC	CA7-3479
Ohio	C R Seidel	1367 Kenworth Rd, Columbus, Ohio	AM3-8442
Ore	R Lindenberger	6234 E. Burnside, Portland, Ore	BE2-[illegible]
Pa	Jules Cutler	5625 Hobart, Pittsburgh, Pa	HA1-8[illegible]
Pa	Geo L Fischer Jr	1230 Knox Rd, Wynnewood, Pa	MI2-1118
Tex	W R Reitzloff	P.O. Box 17[illegible], San Antonio, Tex	LE3-7839
Wash	Samuel H Straus	1612 Broadway, Seattle, Wash	EA3-6117
Wisc	Don Farman	158 E. Johnson, Fond Du Lac, Wisc	WA1-4914
Foreign	Sietemar Co	95 Broad St, New York, NY	DI4-12[illegible]
	VACTRIC CONTROL EQUIP LTD	**Sloane St. London SW1, Eng**	**BE7000**
	P Lawson 20-150-755-895-1165-1550-1735		
•	**VACTRONIC LAB EQUIPMENT INC**	**21 Monmouth Ct, East Northport, NY**	**AN1-2660**
	360-735-895-905-1075-1545-1795-1880		
Conn	QED Electronic Sales Inc	5 Elm Ave, Mt. Vernon, NY	MO8-3100
NJ	QED Electronic Sales Inc	5 Elm Ave, Mt. Vernon, NY	MO8-3100
NY	QED Electronic Sales Inc	5 Elm Ave, Mt. Vernon, NY	MO8-3100
	VACUUM-ELECTRONICS CORP	**Terminal Dr. Plainview, NY**	**OV1-8[illegible]**
	H White #20 *200 315-360-735-895-1075-1380-1735-1795-1920		
Cal	Vacuum-Electronics Corp	2701 Spring St. Redwood City	EM9-4183
Colo	Vacuum-Electronics Corp	2701 Spring St. Redwood City, Cal	EM9-4183
Conn	Vacuum-Electronics Corp	234 Pearl St. Hartford	CH7-3833
Ga	E G Holmes & Assoc	4858 Roswell Rd. Atlanta 5	BL5-6660
Ill	Vacuum-Electronics Corp	24 Plaza, Park Forest	PI8-5070
Mass	Vacuum-Electronics Corp	233 Harvard St. Brookline	BE2-1930
NY	Vacuum-Electronics Corp	325 Fulton Ave. Hempstead	IV3-3517
Ohio	Vacuum-Electronics Corp	12417 Cedar Rd. Cleve Hts	YE2-0560
Tex	Vacuum-Electronics Corp	Box 30097, Dallas 30	FL1-3578
	VACUUM PRODUCTS, INC	**19 Beechwood Ave, Mt. Vernon, NY**	
	VACUUM SPECIALTIES CO	**34 Linden St, Somerville, Mass**	**MO6-5450**
	G Carr #4 *50 E 250-360-735-895-1075-1215		
Cal	Loren Patrick Assoc	1107 S Fremont Ave, Alhambra	CU3-6371
	VACUUM TECHNOLOGY, INC	**7933 Gloria Ave. Van Nuys, Cal**	**ST6-0440**
	P Worsley #3 *10 A 65-240-315-360-895-900-1075-1115-1125		
	VALCO MFG CO	**4700 W. Walton St, Chicago 51, Ill**	**MA6-7574**
	A Frost #2 *35 C 895		
Ala	Conn Corp	145 Marietta St, N.W., Atlanta 3, Ga	MU8-6754
Alaska	L D Heater Music Co	1930 N.W. Irving St, Portland 9, Ore	CA2-9778
Ariz	Coast Wholesale Music Co	1201 S. Olive St, Los Angeles 15, Cal	RI9-1474
Ark	St. Louis Music Supply Co	3711 W. Pine Blvd, St. Louis 8, Mo	FR1-4522
Cal	Coast Wholesale Music Co	1201 S. Olive St, Los Angeles 15, Cal	RI9-1474
Cal	Coast Wholesale Music Co	274 Brannan St, San Francisco, Cal	SU1-4840
Colo	St. Louis Music Supply Co	3711 W. Pine Blvd, St. Louis 8, Mo	FR1-4522
Conn	Merson Musical Products Co	6-8 W. 20 St, New York 11, NY	WA4-8014
Del	Merson Musical Products Co	6-8 W. 20 St, New York 11, NY	WA4-8014
DC	Jack Goodman & Co	914 Walnut St, Phila 7, Pa	MA7-8340
Ga	Conn Corp	95 Pine St NE, Atlanta 8	MU8-6754
Hawaii	L D Heater Music Co	1930 N.W. Irving St, Portland 9, Ore	CA2-9778
Idaho	L D Heater Music Co	1930 N.W. Irving St, Portland 9, Ore	CA2-9778
Ill	Chicago Musical Instrument Co	7373 N.Cicero Ave, Chicago 45, Ill	IN3-5616
Ind	Wexler & Co	823 S.Wabash Ave, Chicago 5, Ill	HA7-0561
Iowa	Wexler & Co	823 S. Wabash Ave, Chicago 5, Ill	HA7-0561
Kan	St. Louis Music Supply Co	3711 Pine Blvd, St. Louis 8, Mo	FR1-4522
Ky	Davitt & Hanser Inc	415 Greenwell Rd, Cincinnati 38, Ohio	GR1-5000
La	St. Louis Music Supply Co	3711 Pine Blvd, St. Louis 8, Mo	FR1-4522
Me	Merson Musical Products Co	6-8 W. 20 St, New York 11, NY	WA4-8014
Md	National Sales Co	101 Hopkins Pl, Baltimore 1, Md	PL2-2950
Mass	Merson Musical Products Co	6-8 W. 20 St, New York 11, NY	WA4-8014
Mich	Tilco Inc	340 Monroe St, Detroit 26, Mich	WO2-6592
Minn	L W Hagelin Co	16 Glenwood Ave, Minneapolis 3	LI7837
Mo	St. Louis Music Supply Co	3711 Pine Blvd, St. Louis 8, Mo	FR1-4522
Mont	L D Heater Music Co	1930 N. W. Irving St, Portland 9, Ore	CA2-9778
Neb	Targ & Dinner Inc	425 S. Wabash Ave, Chicago 5, Ill	WA2-8012
Nev	Coast Wholesale Music Co	274 Brannan St, San Francisco 7, Cal	SU1-4840
NH	Merson Musical Products Co	6-8 W. 20 St, New York 11, NY	WA4-8014
NJ	C Meisel Music Co	2332 Morris Ave, Union, NJ	MU8-8500
NM	Coast Wholesale Music Co	1201 S. Olive St, Los Angeles 15, Cal	RI9-1474
NY	Merson Musical Products Co	6-8 W. 20 St, New York 11, NY	WA4-8014
NC	Southland Music Co	826 Winston St, Greensboro, NC	BR2-5123
ND	L W Hagelin Co	16 Glenwood Ave, Minneapolis 3, Minn	LI7837
Ohio	Grossman Music Co.	740 Bolivar Rd, Cleveland 15, Ohio	TO1-3900
Okla	St. Louis Music Supply Co	3711 Pine Blvd, St. Louis 8, Mo	FR1-4522
Ore	L D Heater Music Co	1930 N.W. Irving St, Portland 9, Ore	CA2-9778
Pa	Grossman Music Co	740 Bolivar Rd, Cleveland 15, Ohio	TO1-3900
RI	Merson Musical Products Co	6-8 W. 20 St, New York 11, NY	WA4-8014
SC	Southland Music Co	826 Winston St, Greensboro, NC	BR2-5123
SD	L W Hagelin Co	16 Glenwood Ave, Minneapolis 3, Minn	LI7837
Tenn	Davitt & Hanser Inc	415 Greenwell Rd, Cincinnati 38, Ohio	GR1-5000
Tex	Maxwell Meyers Inc	830 E. Houston St, San Antonio, Tex	CA7-9139
Utah	Coast Wholesale Music Co	274 Brannan St, San Francisco 7, Cal	SU1-4840
Vt	Merson Musical Products Co	6-8 W. 20 St, New York 11, NY	WA4-8014
Va	Davitt & Hanser Inc	415 Greenwell Rd, Cincinnati 38, Ohio	GR1-5000
Wash	L D Heater Music Co	306 2nd Ave, W., Seattle 99, Wash	GA2100
W. Va	Davitt & Hanser Inc	415 Greenwell Rd, Cincinnati 38, Ohio	GR1-5000
Wisc	Targ & Dinner Inc	425 S. Wabash Ave, Chicago 5, Ill	WA2-8012
Wyo	L W Hagelin Co	16 Glenwood Ave, Minneapolis 3, Minn	LI7837
Canada	Beare & Son Ltd	296 Richmond St, W., Toronto 2B, Ontario, Canada	
Foreign	Henri Selmer & Co Ltd	114 Charing Cross Rd, London, W.C. 2, England	
	VALOR INSTRUMENTS INC	**13214 Crenshaw Blvd, Gardena, Cal**	**FA1-2200**
	E Korchek #7 *70 E 320-338-365-450-670-695-915-1150-1200-1340-1455-1855		
Ala	W E Wolcott Co	Box 1523, Winter Park, Fla	MI7-3498
Alas	S L Cane Co	2413 160th NE, Bellevue, Wash	GL4-9718
Ariz	Paul M Carter	Box 94, Scottsdale, Ariz	WH5-3611
Ark	Carey-Wolf Co	Box 6072, Ft. Worth, Tex	PE8-1702
Cal	Beall Electronic Sales Co	PO Box 497, Palo Alto	DA1-8511
Colo	Paul M Carter	Box 94, Scottsdale, Ariz	WH5-3611
Conn	Addelco Corp	1825 Centre St, W. Roxbury 32, Mass	FA3-7940
Del	S W Mount Co	Nat'l Press Bldg, Wash 4, DC	ME8-0221
DC	Stuart Warren Mount	National Press Bldg Washington 4, DC	ME8-0221
Fla	W E Wolcott Co	Box 1523, Winter Park, Fla	MI7-3498
Ga	W E Wolcott Co	Box 1523, Winter Park, Fla	MI7-3498
Idah	S L Cane Co	2413 160th NE, Bellevue, Wash	GL4-9718
Ill	S C Blaker Co	2353 N. California Ave, Chicago 47, Ill	BR8-1220
Ind	S C Blaker Co	2353 N. California Ave, Chicago 47, Ill	BR8-1220
Iowa	McDowell-Redlingshafer Sales Co	3615 Olive St Louis, Mo	JE3-3277
Kan	McDowell-Redlingshafer Sales Co	Box 177, Florissant, Mo	WE1-5622
Ky	Edmund C Frost & Co	1545 Chelmsford Rd, Mayfield Hts, Ohio	
La	Carey-Wolf Co	Box 6072, Ft. Worth, Tex	PE8-1702
Me	Addelco Corp	1825 Centre St. W. Roxbury, Mass	FA3-7940
Md	Stuart Warren Mount	National Press Bldg, Washington 4, DC	ME8-0221
Mass	Addelco Corp	1825 Centre St, W. Roxbury 32, Mass	FA3-7940
Mich	S C Blaker Co	2353 N. California Ave, Chicago 47, Ill	BR8-1220
Minn	SC Blaker Co	2353 N. California Ave, Chicago 47, Ill	BR8-1220
Miss	W E Wolcott Co	PO Box 1523, Winter Park, Fla	MI7-3498
Mo	McDowell-Redlingshafer Sales Co	Box 177, Florissant, Mo	
Mo	McDowell-Redlingshafer Sales Co	1103 E. Armour, Kansas City, Mo	TE7-6578
Mont	S L Cane Co	2413 160th NE, Bellevue, Wash	GL4-9718
Neb	McDowell-Redlingshafer Sales Co	Box 177, Florissant, Mo	
Neb	McDowell-Redlingshafer Sales Co	1103 E. Armour, Kansas City, Mo	TE7-6578
Nev	Carter Assoc	PO Box 94, Scottsdale, Ariz	WH5-3611
NH	Addelco Corp	1825 Centre St, W. Roxbury 32, Mass	FA3-7940
NJ	H L Hoffman Co., Inc	35 Old Country Rd, Westbury, NY	ED4-5600
NM	Paul M Carter	Box 94, Scottsdale, Ariz	WH5-3611
NY	W E Baker Sales Co	299 Hazelwood Terr, Rochester 9, NY	HU2-2670
NY	H L Hoffman Co., Inc	35 Old Country Rd, Westbury, NY	ED4-5600
NC	W E Wolcott Co	Box 1523, Winter Park, Fla	MI7-3498
ND	S C Blaker Co	2353 N. California Ave, Chicago 47, Ill	BR8-1220
Okla	Carey-Wolf Co	Box 6072, Ft. Worth, Tex	PE8-1702
Ore	S L Cane Co	2413 160th NE, Bellevue, Wash	GL4-9718
Pa	Tyler Griffin Co	30 E. Fairfield Rd, Dover, Pa	[illegible]
Pa	Edmund C Frost & Co	1545 Chelmsford Rd, Cleveland, Ohio	
RI	Addelco Corp	1825 Centre St, W. Roxbury 32, Mass	FA3-7940
SD	S C Blaker Co	2353 N. California Ave, Chicago 47, Ill	BR8-1220
Tex	Carey-Wolf Co	Box 6072, Ft. Worth, Tex	PE8-1702
Utah	Carter Assoc	PO Box 94, Scottsdale, Ariz	
Vt	Addelco Corp	1825 Centre St, W. Roxbury 32, Mass	FA3-7940
Va	Stuart Warren Mount	National Press Bldg, Washington 4, DC	ME8-0221
Wash	Stuart Warren Mount	National Press Bldg, Washington 4, DC	ME8-0221
W Va	Stuart Warren Mount	National Press Bldg, Washington 4, DC	ME8-0221
Wisc	S C Blaker Co	2353 N. California Ave, Chicago 47, Ill	BR8-1220
Wyo	Carter Assoc	PO Box 94, Scottsdale, Ariz	
Foreign	Frazar & Hansen Ltd	301 Clay St, San Francisco 11, Cal	EX2-5112
Foreign	Frazar & Hansen Ltd	325 W. 23rd St, Los Angeles 7, Cal	RI9-2538
	VALPEY CRYSTAL CORP	**1244 Highland St, Holliston, Mass**	**GA9-4851**
	N Piper, Jr #5 *85 D 410-415-885-895-900-1125-1210-1215-1385-1915		
Ariz	Paul F Wiley Co	1632 Silverlake Blvd. LA, Cal	NO3-8028
Cal	Paul F Wiley Co	1632 Silverlake Blvd. LA	NO3-8028
Nev	Paul F Wiley Co	1632 Silverlake Blvd. LA, Cal	NO3-8028
NJ	R S Puleo	5 Whittier St, Lynbrook, NY	LY9-4675
NY	R S Puleo	5 Whittier St, Lynbrook, NY	LY9-4675
Foreign	Terminal Radio Int'l Ltd	290 W. 17th St, New York, NY	WO4-3370
	VALVERDE LABORATORIES	**252 Lafayette St, New York 12, NY**	
	1215-1735-1805		
	VANGUARD ELECTRONICS CO	**3384 Motor Ave, Los Angeles 34, Cal**	**UP0-6721**
	S Gelbart #3 *40 320-450-670-880-1200-1855		
Cal	Rush & Kay Electronics Inc	3376 W. 1st St. LA 4	DU8-7111
Cal	Deere Electronics Inc	1575 Laurel St. San Carlos	LY1-4423
Md	Morris F Taylor Co	P. O. Box 111, Silver Spring, Md	JU5-4002
Mass	J Duncan How Inc	445 Statler Office Bldg, Boston 16	HU2-4570
NY	HAF Associates	330 E. 79th St, New York 21, NY	RE7-1130
Ohio	Frederic L Ohmer & Associates	Box 2013, Kettering Br, Dayton 29, Ohio	
	VAN KEUREN CO.	**176 Waltham St, Watertown, Mass**	**WA4-4394**
	895		
	VAN WATERS & ROGERS INC		
	BRAUN-KNECHT-HEIMANN DIV	**603 O'Neil Ave. Belmont, Cal**	**LY3-8276**
	N Hutchings G 670-900-1545-1890		
	VAPOR HEATING CORP.	**80 E. Jackson Blvd, Chicago, Ill**	**WA2-5100**
	L Gillick #140 *875 G 255-338-350-360-895-915-1340-1455-1460-1735-1850-1920		
Cal	Vapor Heating Corp	4424 W. Slauson Ave, Los Angeles 43	AX1-1175
Cal	Vapor Heating Corp	593 Market St, San Francisco 5, Cal	DO2-0451
Colo	Vapor Heating Corp	2500 Perry St, Denver 12, Colo.	GL5-8452
DC	Vapor Heating Corp	734 15th St, N.W., Washington 5, DC	NA8-1700
Minn	Vapor Heating Corp	1st Nat'l Bank Bldg, St. Paul 1, Minn	CA4-4125
Mo	Vapor Heating Corp	721 Olive St, St. Louis 1, Mo	CE1-8984
NY	Vapor Heating Corp	230 Park Ave, New York 17, NY	MU6-4843
Pa	Vapor Heating Corp	1617 Pennsylvania Blvd, Phila 3, Pa	LO4-0210
Va	Vapor Heating Corp	800 E. Main St, Richmond 19, Va	MI3-6754
Wash	Vapor Heating Corp	21259 22nd Ave, S. Seattle 88, Wash	TR8-2858
	VARD DIV ROYAL INDUSTRIES	**2981 E. Colorado, Pasadena, Cal**	**SY6-9281**
	A Amason #32 *427 F 20-1935		
•	**VARFLEX CORP**	**506 W. Court St. Rome, NY**	**FE6-4400**
	J Flanagan #1 *85 E 900-1290-1505-1890		
Cal	Western Fibrous Glass Prod	4423 Fruitland Ave. LA	LU8-3211
Conn	Fred Hart	115 Pond St. Nahant, Mass	JU1-0811
Del	Andco Sales Eng	5823 Greene St. Phila 44, Pa	VI4-9100
DC	Andco Sales Eng	5823 Greene St. Phila 44, Pa	VI4-9100
Me	Fred Hart	115 Pond St. Nahant, Mass	JU1-0811
Md	Andco Sales Eng	5823 Greene St. Phila 44, Pa	VI4-9100
Mass	Fred Hart	115 Pond St. Nahant	JU1-0811
NH	Fred Hart	115 Pond St. Nahant, Mass	JU1-0811
NJ	James L Fitzsimmons	Box 44, Bloomfield	PI3-3[illegible]
NY	Joseph L Heller Assoc	172 Walker Lane, Englewood, NJ	LO7-5[illegible]
NY	Statler & Dettler	1807 Elmwood Ave. Buffalo 7	TR3-64[illegible]
NY	Gilbert Wolfe	1 State St. Schenectady	DI5-1[illegible]
Ohio	Paul A Fox	2060 Mansfield Rd, Toledo	CH4-5[illegible]7
Pa	Andco Sales Eng	5823 Greene St. Phila 44	VI4-9100
RI	Fred Hart	115 Pond St. Nahant, Mass	JU1-0811
Vt	Fred Hart	115 Pond St. Nahant, Mass	JU1-0811
	VARI CORP	**2825 Cedar Ave, Minneapolis, Minn**	
	555-815-1130		
•	**VARI-L CO., INC**	**Box 1433, Stamford, Conn**	**DA3-2176**
	J Kiser #2 *16 B 895-1420		
Cal	Thorson Co., The	7061 Melrose Ave, Los Angeles	WE4-1101
Can	Electrodesign	5124 St Lawrence Blvd, Montreal	DU9-5914
	VARIAN ASSOCIATES	**611 Hansen Way, Palo Alto, Cal.**	**DA6-4000**
	G Watson *2,822 10-325-338-360-470-500-790-895-995-1045-1085-1135-1145-1375-1400-1460-1880		
Ala	Bivins & Caldwell Inc	1923 N. Main St, High Point, NC	2-8373
Alaska	Arvo Inc	1320 Prospect St, Seattle, Wash	MA2-0177
Ariz	Neely Enterprises	641 E. Missouri Ave, Phoenix	CR4-5431
Ark	Earl Lipscomb Associates	Box 7084, Dallas, Tex	FL7-1881
Cal	Neely Enterprises	3939 Lankershim Blvd, N. Hollywood	TR7-0721
Cal	Neely Enterprises	1317 15th St, Sacramento, Cal	GI2-8901
Cal	Neely Enterprises	1055 Shafter St, San Diego, Cal	AC3-8106
Cal	Neely Enterprises	501 Laurel St, San Carlos, Cal	LY1-2626
Colo	Lahana & Co	1886 S. Broadway, Denver 10, Colo	PE3-3791
Conn	Yewell Associates Inc	1101 E. Main St, Bridgeport, Conn	FO6-3456
Del	Horman Associates Inc	941 Rollins Ave, Rockville, Md	HA7-7560
DC	Varian Assoc	1725 K St. NW. Wash	
DC	Horman Associates Inc	941 Rollins Ave, Rockville, Md	HA7-7560
Fla	Stiles Assoc Inc	1216 E. Colonial Dr, Orlando	GA5-5541

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ga	Bivins & Caldwell Inc	3110 Maple Dr. NE Atlanta	CE3-7522
Haw	Arva Inc	Box 2145, Honolulu 3	269-781
Hawaii	Arva Inc	812 Queen St. Honolulu, Hawaii	[illegible]
Idaho	Arva Inc	1320 Prospect St. Seattle, Wash	MA2-0177
Ill	Crossley Assoc. Inc	2501 W. Peterson Ave. Chicago 45	BR5-1600
Ind	Crossley Associates Inc	5420 N. College Ave, Indianapolis 20	CL1-9255
Iowa	Crossley Assoc. Inc	2501 W. Peterson Ave. Chicago 45, Ill	BR5-1600
Kan	Harris-Hanson Co	2814 S. Brentwood Blvd, St. Louis, Mo	MI7-4350
Ky	Bivins & Caldwell Inc	1923 N. Main St, High Point, NC	2-6873
La	Earl Lipscomb Associates	Box 7084, Dallas, Tex	FL7-1881
Me	Yewell Associates Inc	Middlesex Trnpk, Burlington, Mass	BR2-9000
Md	Horman Associates Inc	941 Rollins Ave, Rockville, Md	HA7-7560
Mass	Yewell Associates Inc	Middlesex Trnpk, Burlington	BR2-9000
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit, Mich	BR3-2900
Minn	Crossley Associates Inc	842 Raymond Ave, St. Paul, Minn	MI6-7881
Miss	Earl Lipscomb Associates	Box 7084, Dallas, Tex	FL7-1881
Mo	Harris-Hanson Co	2814 S. Brentwood Blvd, St. Louis, Mo	MI7-4350
Mo	Harris-Hanson Co	7916 Paseo Ave, Kansas City, Mo	HI4-9494
Mont	Arva Inc	1320 Prospect St, Seattle, Wash	MA2-0177
Mont	Lahana & Co	1886 S. Broadway, Denver 10, Colo	PE3-3791
Neb	Crossley Associates Inc	842 Raymond Ave, St. Paul, Minn	MI6-7881
Nev	Neely Enterprises	3939 Lankershim Blvd, N. Hollywood, Cal	TR7-0721
NH	Yewell Associates Inc	Middlesex Trnpk, Burlington, Mass	BR2-9000
NJ	RMC Associates	391 Grand Ave, Englewood, NJ	LO7-3533
NJ	I E Robinson Co	N. Asbury Plaza, Asbury Park	KE1-3150
NM	Neely Enterprises	114 S. Water St. Las Cruces	JA6-2486
NM	Neely Enterprises	Box 8316, Sta C, Albuquerque, NM	AL5-5586
NY	RMC Associates	236 E. 75th St, New York, NY	TR9-2023
NY	J D Ryerson Associates Inc	Box 1432, Syracuse 1	GI6-1771
NC	Bivins & Caldwell Inc	1923 N. Main St, High Point, NC	2-6873
ND	Crossley Associates Inc	842 Raymond Ave, St. Paul, Minn	MI6-7881
Ohio	Crossley Associates Inc	2801 Far Hills Ave, Dayton	AX9-3594
Ohio	S Sterling Co	5827 Mayfield Rd, Cleveland 24	
Okla	Earl Lipscomb Associates	Box 7084, Dallas, Tex	FL7-1881
Ore	Arva Inc	1320 Prospect St, Seattle, Wash	MA2-0177
Pa	I E Robinson Co	144 Elizabeth St. W. Conshohocken	TA8-6200
Pa	S Sterling Co	4232 Brownsville Rd, Pittsburgh	TU4-5515
RI	Yewell Associates Inc	Middlesex Trnpk, Burlington, Mass	BR2-9000
SC	Bivins & Caldwell	1923 N. Main St, High Point, NC	2-6873
SD	Crossley Associates Inc	842 Raymond Ave, St. Paul, Minn	MI6-7881
Tenn	Bivins & Caldwell Inc	1923 N. Main St, High Point, NC	2-6873
Tex	Earl Lipscomb Associates	Box 7084, Dallas, Tex	FL7-1881
Utah	Lahana & Co	1886 S. Broadway, Denver 10, Colo	PE3-3791
Vt	Yewell Associates Inc	Middlesex Trnpk, Burlington, Mass	BR2-9000
Va	Bivins & Caldwell Inc	1923 N. Main St, High Point, NC	2-6873
Wash	Arva Inc	1320 Prospect St, Seattle, Wash	MA2-0177
W. Va	Bivins & Caldwell Inc	1923 N. Main St, High Point, NC	2-6873
Wis	Crossley Assoc Inc	2501 W. Peterson Ave. Chicago 45, Ill	BR5-1600
Wyo	Lahana & Co	1886 S. Broadway, Denver 10, Colo	PE3-3791
For	Varian A G	Gubelstr 7 Zug, Switzerland	

VAR-LAC-OID CHEMICAL CO ..... 116 Broad St, New York 4, NY WH4-0348
I Bohrman #2 *14-20 B 115-240-265-410-745-1085-1120-1125-1510-1885-1960

• **VARO, INC** ..... 2201 Walnut St, Garland, Tex BR6-6141
R Gilmer #75 *410 F 25-275-320-338-360-365-470-515-670-710-885-895-915-995-1015-1135-1145-1210-1340-1420-1455-1810-1855

Cal	Varo Mfg Co., Inc	Box 90421, Int'l Airport Sta, L A 45	RE4-0154
DC	Varo Mfg Co., Inc	P.O. Box 7035, Arlington 7, Va	KE6-7550
Ill	AG Optical Co-Varo Sub	5574 N Northwest Hwy, Chicago 30	RO3-6700
NY	Varo Inc	P.O. Box 391, N Syracuse 12	GL4-4564
Ohio	Varo Inc	7560 Walnut St, Dayton 20	BE3-6066

VECTO INSTRUMENT CORP ..... 8124 Lockheed, Houston, Tex
35-895-915

VECTOR ASSOC. INC ..... 139-30 34th Rd. Flushing 54, NY LE9-3800
S Bienstock #3 *30 C 895-1075-1245-1960

• **VECTOR ELECTRONIC CO** ..... 1100 Flower St, Glendale 1, Cal CH5-1076
F Hill #5 *75 E 25-110-150-230-338-345-375-615-715-720-790-920-975-1150-1245-1315-1325-1445-1575-1630-1780-1785-1875

VECTOR MFG CO., INC ..... Keystone Rd, Southampton, Pa EL7-7600
825

Cal	Timberline & Associates	3040 Overland Ave, Los Angeles 34, Cal	VE9-3759
Pa	Wrightco Telemetry Sales Co	Box 217, Southampton, Pa	EL7-1033
Tex	Telemetry Sales & Engineering	P.O. Box 766, Grand Prairie, Tex	AN2-0969

VECTOR MFG. CO ..... 5616 Lawndale, Houston 23, Tex WA6-8821
M VanDusen #5 *140 E 345

VECTROL ENGINEERING INC ..... Box 1009, Stamford, Conn DA4-4602
360-915-1340-1455
Sales Representatives: See Sprague Electric Co.

VEEDER-ROOT INC ..... 70 Sargeant St, Hartford 2, Conn JA7-7201
C Lombardi G 360-895

Cal	Veeder-Root, Inc	3750 Park Pl, Montrose	CH5-8421
Ill	Veeder-Root Inc	549 W Washington Blvd, Chicago 6	ST2-6283
Mass	Veeder-Root Inc	5 Maple St, Danvers	SP4-6110
Mich	Veeder-Root, Inc	2842 W Grand Blvd, Detroit 2	TR2-2898
Mo	H T Sell	3305 Washington Blvd, St Louis 3	JE1-4255
NY	Veeder-Root Inc	1775 Broadway, New York 19	CI7-2066
Ohio	Veeder-Root Inc	12417 Cedar Rd, Cleveland 6	ER1-3344
Pa	Veeder-Root Inc	130 S Easton Rd, Glenside	TU7-0700
SC	Veeder-Root, Inc	Box 297, Spartanburg Hwy, Greenville	CH4-2971
Tex	W S Travis	3838 Cabana Ln, Dallas 29	FL1-5730
Wash	Fairman B Lee Co	241 Central Bldg, Seattle 4	MU2-1456
Can	Veeder-Root of Can Ltd	26 Fieldway Rd, Toronto 18, Ont	BE9-3094
For	Veeder-Root Ltd	King Henry's Dr, New Addington, Surrey, Eng	LO3344
For	Veeder-Root (Australia) Pty Ltd	Box 161, S Melbourne SC 5, Aust	MX2688
For	Veeder-Root Do Brasil	Alameda Cleveland 444, Caixa Pos 7092 Sao Paulo, Brazil	36-6981

VEGA ELECTRONICS CORP ..... 10781 N Hwy 9, Cupertino, Cal AL2-8704
J Stoltz #6 *23 D 1130-1425

Cal	Kiessler Sales Co	676 Fulton St, San Francisco	JO7-0622
Cal	Kiessler Sales Co	818 N Fairfax Ave. Los Angeles	OL3-1605
Fla	World Wide Products, Inc	P O Box 154, N Miami Beach	WI7-3531
Ill	Arthur H Peterson Sales	3647 W 62 St. Chicago 29	RE5-0846
Ill	Loren F Green & Associates	5210 W Diversey Ave. Chicago 39	PA5-6824
Kan	Zimmer Sales	5620 Woodward Ave. Merriam	HE2-8900
Md	Gen Rosen & Associates, Inc	9501 Wentworth Dr. Bethesda 14	OL6-6131
Mass	Mitchell Scott Co., Inc	336 Washington St. Wellesley Hills 81	CE5-0102
NJ	Miller Electronics Co	27 Mechanic St, Red Bank	SH1-9300
NM	Franklin Y Gates Co	122 Harvard Dr SE, Albuquerque	CH3-8010
NY	Land-C-Air Sales Co	76 Main St. Tuckahoe	WO1-4700
NC	L D Rooney Co	4242 Wainsbury Dr. Charlotte 9	JA3-5437
Ohio	Schroeder Sales Co	2254 Euclid Ave. Cleveland 15	MA1-5075
Ore	Burt C Porter Co	1937 NE Multnomah, Portland	AT4-1718
Tex	Charles Lucas Sales Co	PO Box 8506, Dallas 16	WH2-5958
Utah	Franklin Y Gates Co	200 S Main St. Salt Lake City 1	EL9-1101
Wash	Burt C Porter Co	1209 Poplar Pl. Seattle 44	EA3-8330

VELLUMOID CO SUB W R GRACE & CO ..... Worcester 6, Mass PL3-7263
T O'Neil *250 750

Ala	Hirsig-Brantley Co	Jacksonville 7, Fla	FL9-6657
Ariz	S Gale	Albuquerque, NM	
Ark	P H Ebeling	301 N. Market St. Dallas, Tex	RI8-3969
Cal	D J Gross	1296 Hillside St. Monterey Park	CU3-6283
Colo	Porter Littell Sales Co	1156 Bannock St. Denver 4	AL5-3982
Conn	P S Cunningham	44 Briarwood Cir. Needham Hts. 94, Mass	NE3-3168W
Del	D R Swenson	111 Cambridge Rd. King of Prussia, Pa	BR5-1918
DC	D R Swenson	111 Cambridge Rd. King of Prussia, Pa	BR5-1918
Fla	Hirsig-Brantley Co	Jacksonville 7	FL9-6657
Ga	Hirsig-Brantley Co	Jacksonville 7, Fla	FL9-6657
Idaho	Porter Littell Sales Co	1156 Bannock St. Denver 4, Colo	AL5-3982
Ill	W E Keeler	214 Fox St. Mukwonago, Wis	MU3101
Ind	C A Blocker	174 Westwood Rd. Columbus 14, Ohio	AM7-9454
Iowa	W E Keeler	214 Fox St. Mukwonago, Wis	MU3101
Kan	H R Loy Sales Co	5000 E. 40th Terrace, KC 30, Mo	WA4-2214
Ky	C A Blocker	174 Westwood Rd. Columbus 14, Ohio	AM7-9454
La	P H Ebeling Co	301 N. Market St. Dallas, Tex	RI8-3969
Me	P S Cunningham	44 Briarwood Cir. Needham Hts. 94, Mass	NE3-3168W
Md	D R Swenson	111 Cambridge Rd. King of Prussia, Pa	BR5-1918
Mass	P S Cunningham	44 Briarwood Cir. Needham Hts. 94	NE3-3168W
Mich	C J Cazabon	18481 Fairport Ave. Detroit 5	LA1-4239
Minn	W E Keeler	214 Fox St. Mukwonago, Wis	MU3101
Miss	Hirsig-Brantley Co	Jacksonville 7, Fla	FL9-6657
Mo	H R Loy Sales Co	5000 E. 40th Terrace, KC 30	
Mont	Porter Littell Sales Co	1156 Bannock St. Denver 4, Colo	AL5-3982
Neb	H R Loy Sales Co	5000 E. 40th Terrace, KC 30, Mo	WA4-2214
Nev	D J Gross	1296 Hillside St. Monterey Park, Cal	CU3-6283
NH	P S Cunningham	44 Briarwood Cir. Needham Hts. 94, Mass	NE3168W
NJ	G A Johnson	5 Godfrey Place, Cresskill	LO9-0818
NM	S Gale	Albuquerque	
NY	G A Johnson	5 Godfrey Place, Cresskill, NJ	LO9-0818
NC	Hirsig-Brantley Co	Jacksonville 7, Fla	FL9-6659
ND	W E Keeler	214 Fox St. Mukwonago, Wis	MU3101
Ohio	C A Blocker	174 Westwood Rd. Columbus 14	AM7-9454
Okla	P H Ebeling Co	301 N. Market St. Dallas, Tex	RI8-3969
Ore	D R Swenson	111 Cambridge Hills, King of Prussia, Pa	BR5-1918
Pa	D J Gross	1296 Hillside St. Monterey Park, Cal	CU3-6283
RI	P S Cunningham	44 Briarwood Cir. Needham Hts. 94, Mass	NE3168W
SC	Hirsig-Brantley Co	Jacksonville 7	FL9-6657
SD	W E Keeler	214 Fox St. Mukwonago, Wis	MU3101
Tenn	Hirsig-Brantley Co	Jacksonville 7, Fla	FL9-6659
Tex	P H Ebeling Co	301 N. Market St. Dallas	RI8-3969
Utah	Porter Littell Sales Co	1156 Bannock St. Denver 4, Colo	AL5-3982
Vt	P S Cunningham	44 Briarwood Cir. Needham Hts. 94, Mass	NE3-3168W
Va	Hirsig-Brantley Co	Jacksonville 7, Fla	FL9-6659
Wash	D J Gross	1296 Hillside St. Monterey Park, Cal	CU3-6283
W Va	C A Blocker	174 Westwood Rd. Columbus 14, Ohio	AM7-9454
Wis	W E Keeler	214 Fox St. Mukwonago	MU3101
Wyo	Porter Littell Sales Co	1156 Bannock St. Denver 4, Colo	AL5-3982
For	W D Blood & Co. Inc	30 Pearl St. New York 4, NY	DI4-0210

VEMALINE PRODUCTS CO ..... Box 1-E.D., Franklin Lakes, NJ
#8 *30 C 370-895-950-1055-1735

Cal	Walter Corman	7432 W 80th St, Los Angeles	
Cal	Logan & Stone	1485 Bayshore Blvd, San Francisco	
Fla	Components Sales Corp	Box 178, N Miami Bch	
Ill	Clark Bennett	5300 W Lawrence Ave, Chicago	
Mass	Chapman Assoc	99 Elm St, West Newton	
Pa	W C Sales Rep	Box 109, Easton	
Tex	Fastener Sales Co	Box 9226, Fort Worth	
Tex	Southwestern Controls	Box 18613, Dallas	

VENNER ELECTRONICS LTD ..... Kingston By-Pass, New Malden, Eng MA2442
338-455-895-1150-1340-1460-1810

Belg	Gentronics	80, Chaussee de Charleroi	
Can	Electrodesign	9124, St Lawrence Blvd. Montreal, 11	
Fin	Alkas AB	Kuortanegatan 13, Helsinki	
Ger	F A G Frischen, G.m.b.H.	Am Timberfelde 7, Hannover	
Hol	Venner NV	3, Heinstraat, Den Haag	
India	Preece Electronics Corp	Hotel Metro, Connaught Pl. New Delhi	
Ire	Roper Bros	5, S Anne St. Dublin C2	
Ital	Atlantis S.r.l.	49, Via Torino, Milano 3/8	
Kenya	Equipment Ltd	Delamere Ave. Nairobi	
Nor	A/S Norske Telektron	Filipstadveien 1 B Oslo (Whaling Buoys only)	
Port	Sociedade Comercial Roma lda	Equipementos Industriais, Rue Da Boavista 83-1° D, Lisbon	
Swed	Magnetic AB	Box 94, Vallingby 1, Sweden	
Aust	Aircraft Parts AG	Wehntalerstrasse 324, Zurich 11/46	
Switz	Aircraft Parts AG	Wehntalerstrasse 324, Zurich 11/46	
Foreign	National Elektro	Farvergade 17, Copenhagen K, Denmark	
Foreign	E Cattaneo	c/o Brescia, 16 Rue D'Edimbourg, Paris 8 E, France	
Foreign	Rowe & Co Pty Ltd	Flinders Ct, Melbourne C 1, Australia	
Foreign	Jas J Niven & Co	G5/67 Taranaki St, Wellington, New Zealand	

VERNAY LABS INC ..... Yellow Springs, Ohio RO7-7261
S Pomeroy #6 *200 E 175-480-750-770-1505-1545-1940

VERNISTAT DIV, PERKIN-ELMER CORP ..... 769 Main Ave, Norwalk, Conn VI7-0421
L Robbins #5 *65 E 895-1330-1855

Ariz	Fryco	355 N Scottsdale Rd, Scottsdale, Ariz	
Ark	Allied Components Inc	Box 10203, Dallas 7, Tex	RI2-2830
Cal	Vernistat Div, Perkin-Elmer	5070 E Washington Blvd, Los Angeles 22, Cal	PA2-4590
Colo	Peterson Co	4949 Colorado Blvd, Denver 16, Colo	EL5-8171
Conn	Ress Engineering Sales	259 Walnut St, Newtonville 60, Mass	LA7-4932
Del	Biechler Associates	Box 38, Millersville, Pa	TR2-7632
DC	Biechler Associates	Box 38, Millersville, Pa	TR2-7632
Ill	Lightner Associates	6322 N. Milwaukee Ave, Chicago, Ill	SP4-1500
Ind	Lightner Associates	6322 N. Milwaukee Ave, Chicago, Ill	SP4-1500
Me	Ress Engineering Sales	259 Walnut St, Newtonville 60, Mass	LA7-4932
Md	Biechler Associates	Box 38, Millersville, Pa	TR2-7632
Mass	Ress Engineering Sales	259 Walnut St, Newtonville 60, Mass	LA7-4932
Mich	Eder Associates	2603 N. Downer Ave, Milwaukee, Wisc	WO4-3450
Minn	Eder Associates	2603 N. Downer Ave, Milwaukee, Wisc	WO4-3450
Mo	Lightner Associates	6322 N. Milwaukee Ave, Chicago, Ill	SP4-1500
Nev	Vernistat Div, Perkin-Elmer	5070 E Washington Blvd, LA 22, Cal	PA2-4590
NH	Ress Engineering Sales	259 Walnut St, Newtonville 60, Mass	LA7-4932
NJ	The Smith Co	15 Northfield Ave, W. Orange, NJ	RE1-8020
NJ	R P Luce & Co	8604 Fayette St, Philadelphia, Pa	CH7-6988
NY	The Smith Co	15 Northfield Ave, W. Orange, NJ	RE1-8020
NY	R P Luce & Co	1300 Jericho Trnpk, New Hyde Park, NY	GE7-4550
Okla	Allied Components Inc	Box 10203, Dallas 7, Tex	RI2-2830
Ore	Avionics Liaison Inc	Boeing Field, Seattle 8, Wash	PA3-7602
Pa	R P Luce & Co	8604 Fayette St, Philadelphia, Pa	CH7-6988
Pa	Biechler Associates	Box 38, Millersville, Pa	TR2-7632
RI	Ress Engineering Sales	259 Walnut St, Newtonville 60, Mass	LA7-4932
Tex	Allied Components Inc	Box 10203, Dallas 7, Tex	RI2-2830
Utah	Peterson Co	4949 Colo Blvd, Denver 16, Colo	EL5-8171
Vt	Ress Engineering Sales	259 Walnut St, Newtonville 60, Mass	LA7-4932
Va	Biechler Associates	Box 38, Millersville, Pa	TR2-7632
Wash	Avionics Liaison Inc	Boeing Field, Seattle 8, Wash	PA3-7602
W. Va	Biechler Associates	Box 38, Millersville, Pa	TR2-7632
Wisc	Eder Associates	2603 N. Downer Ave, Milwaukee, Wisc	WO4-3450

• **VERNITRON CORP** ..... 125 Old Country Rd, Carle Place, NY PI1-4130
H Winter #20 *130 E 338-895-1550-1745

Ariz	Western Engineering	8925 N 17th Ave. Phoenix	
Cal	Joe Davidson Associates	Box 108, Southgate, Cal	NE6-2245
Colo	Western Engineering	8925 N 17th Ave. Phoenix, Ariz	
Del	Val-Garth Assoc	137-28 Northern Blvd, Flushing, NY	
Del	Kitchin & Kutchin	789 Massachusetts Ave. Lexington, Mass	
Del	Robert Barnhill Associates	19 W. Pennsylvania Ave, Baltimore, Md	VA5-3431
DC	Robert Barnhill Associates	19 W. Pennsylvania Ave, Baltimore, Md	VA5-3431
Fla	Specialized Electronics	529 N. 18th St, Birmingham, Ala	FA4-1615
Ga	Specialized Electronics	529 N. 18th St, Birmingham, Ala	FA4-1615
Hawaii	Rocke International	13 E. 40 St, New York 16, NY	MU9-0200
Ill	Engineered Sales	3512 Milwaukee Ave, Chicago 41, Ill	PE6-0555
Ind	Rixon Associates	33 W. Stafford Ave, Dayton, Ohio	BA2-0011
Ind	Engineered Sales	3512 Milwaukee Ave, Chicago 41, Ill	PE6-0555
Iowa	Engineered Sales	3512 Milwaukee Ave, Chicago 41, Ill	PE6-0555
Kan	Buse Sales Co	924 N Benton St, St Charles, Mo	
Me	Kitchin & Kutchin	789 Massachusetts Ave. Lexington, Mass	
Md	Rob't Barnhill Associates	19 W. Pennsylvania Ave, Baltimore, Md	VA5-3431
Mass	Kitchin & Kutchin	789 Massachusetts Ave. Lexington	
Mich	Grant Shaffer Co	142-41 Fenkell Ave. Detroit	
Minn	Nelson & Son	324 N. First St, Minneapolis, Minn	FE3-3328
Mo	Buse Sales Co	924 N Benton St, St Charles	
Nev	Joe Davidson Associates	P O Box 108, Southgate, Cal	
NH	Kitchin & Kutchin	789 Massachusetts Ave. Lexington, Mass	
NJ	Robert Barnhill Associates	19 W. Pennsylvania Ave, Baltimore, Md	VA5-3431
NJ	R B Barnhill Assoc	19 W Pennsylvania Ave, Towson, Md	
NJ	Val-Garth Associates	137-28 Northern Blvd, Flushing, NY	
NM	Western Engineering	8925 N 17th Ave. Phoenix, Ariz	
NY	Val-Garth Associates	137-28 Northern Blvd, Flushing	
NY	Jim Washington Associates	741 Gerson Rd, Rochester, NY	GR3-2465
NC	R Barnhill Associates	19 W. Pennsylvania Ave, Baltimore, Md	VA5-3431
Ohio	Rixon Associates	33 W. Stafford Ave, Dayton, Ohio	BA2-0011
Pa	Rixon Associates	33 W. Stafford Ave, Dayton, Ohio	BA2-0011
Pa	Robert Barnhill Associates	19 W. Pennsylvania Ave, Baltimore, Md	VA5-3431
RI	Kitchin & Kutchin	789 Massachusetts Ave. Lexington, Mass	
Tex	Jackson Co., The	P O Box 5742, Dallas	
Utah	Western Engineering	8925 N 17th Ave, Phoenix, Ariz	
Vt	General Measurements	1108 Beacon St, Newton Highlands, Mass	WO9-9150
Va	Robert Barnhill Associates	19 W. Pennsylvania Ave, Baltimore, Md	VA5-3431
Wash	Robert Barnhill Associates	19 W. Pennsylvania Ave, Baltimore, Md	VA5-3431
W. Va	Robert Barnhill Associates	19 W. Pennsylvania Ave, Baltimore, Md	VA5-3431
Wisc	Engineered Sales	3512 Milwaukee Ave, Chicago 41, Ill	PE6-0555
Foreign	Rocke International	13 E. 40 St, New York, NY	MU9-0200

VESTO CO., INC ..... 20 & Clay, N. Kansas City, Mo BA1-3322
45

• **VIBRACHOC S A** ..... 39 rue des Mathurins, Paris 8, Fr ..... AN 80-61
Dei #7 *20 1170-1245

• **VIBRASONICS INC** ..... 10 High St. Boston, Mass HA6-7366
W Robertie #1 *4 A 1915-1935

Cal	G B Miller Co	1619 N. Cherokee Ave. Hollywood 28	HO2-1195
Ill	Potter-Mac Co	3031 Ind. Ave. Rolling Meadows	SP4-1050
Pa	Bystrom Assoc	Box 292, Radnor	MU8-1264
Can	Beechey Enterprises	3212 Weston Rd. Weston, Ont	CH4-8051

VIBRATION RESEARCH LABS. INC ..... 58 Marblodale Rd. Tuckahoe, NY WO1-2440
J Mas #3 *10 A 365-915-1125-1135-1340-1455-1855

NY	Land-C-Air Sales Co	76 Main St. Tuckahoe	WO1-4700

VICKERS INC ELECTRIC PRODUCTS DIV ..... 1899 Locust St, St. Louis 3, Mo CE1-5830
J Pesch G 235-255-338-360-365-380-895-1135-1165-1340-1420-1445-1465-1945

Cal	Vickers, Inc	3201 Lomita Blvd. Torrance	SP5-2461

• INDICATES ADVERTISERS IN THIS ISSUE

FOR EXPLANATION OF SYMBOLS #* A IS SEE PG. M

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
DC	Vickers Inc	777 14th St, N W, Washington, DC	EX3-2650
Ill	Vickers Inc	3005 W. Peterson Ave, Chicago 45, Ill	JU8-2125
Mass	Edgar F Hubert Co	66 Central St, Wellesley, Mass	CE5-6815
Mich	Vickers Inc	18353 W. McNichols Rd, Detroit 19, Mich	KE4-8070
NY	Wilson H Zimmerman Inc	112 Dewitt St, Syracuse 3, NY	GR4-4889
NY	Vickers Inc	39-01 Main St, Flushing, NY	LE9-1515
Ohio	Vickers Inc	3020 Wooster Rd, Cleveland 16, Ohio	ED3-1355
Can	Measurement Engineering Limited	Arnprior, Ont	AR400

VICKERS INC. DIV SPERRY RAND CORP ... Box 302, Detroit 32, Mich ... LI9-1122
20–370–1920

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Vickers Inc	3701 Lomita Blvd, Torrance	DA6-4650
DC	Vickers Inc	624 14th & New York Ave, NW	EX3-2650
NY	Vickers Inc	882 Willis Ave, Albertson	PI7-3046
Tex	Vickers Inc	Box 213, Arlington	CR4-4171
Wash	Vickers Inc	623 8th Ave, S, Seattle 4, Wash	MU2-6960

VICTOR ADDING MACHINE CO ... 3900 N. Rockwell St, Chicago 18, Ill ... KE9-8200
G Hashbach #85 *2,200 G 325–318–895

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Victor Adding Machine Co	2420 4th Ave, S, Birmingham 5	FA2-1873
Ariz	P B S W Supply & Eqpt. Co	530 W. Washington St, Phoenix	AL4-4141
Ark	Victor Adding Machine Co	5600 W. 12th St, Little Rock	MO4-1530
Cal	Victor Adding Machine Co	2980 W. Olympic Blvd, LA 6	DU5-0261
Cal	Victor Adding Machine Co	578 W. Grand Ave, Oakland 12	TE2-5748
Cal	Victor Adding Machine Co	2424 K St, Sacramento 16	GI1-3156
Cal	Victor Adding Machine Co	36 2nd St, SF 5	EX2-4775
Colo	Victor Adding Machine Co	315 Acoma St, Denver 4	AM6-2691
Del	Victor Adding Machine Co	3016 Gov Printz Blvd, Wilmington 2	PO4-7070
DC	Victor Adding Machine Co	4543 Wisconsin Ave, NW, Wash	EM3-6666
Fla	Victor Adding Machine Co	5960 Phillips Hwy, Jacksonville 7	FL9-2223
Fla	Victor Adding Machine Co	1665 NW 11th St, Miami 47	MU1-8574
Ga	Victor Adding Machine Co	420 Ponce De Leon Ave, Atlanta 8	TR4-3946
Ill	Victor Adding Machine Co	540 N. LaSalle St, Chicago 10	WH4-6330
Ind	Victor Adding Machine Co	825 N. Pennsylvania Ave, Indpls 4	ME5-1336
Mo	Victor Adding Machine Co	1730 Main KC 8	VI2-7966
Ky	Victor Adding Machine Co	2460 Bardstown Rd, Louisville 5	GL8-5381
La	Victor Adding Machine Co	1620-22 Franklin Ave, New Orleans 17	WH4-3378
Md	Victor Adding Machine Co	4403 York Rd, Baltimore 12	TU9-2460
Mass	Victor Adding Machine	24 Elliot St, Newton Highlands 16	LA7-7181
Mich	Victor Adding Machine Co	14021 Fenkell, Detroit 27	VE7-6600
Minn	Victor Adding Machine Co	3026 University Ave, SE, Mpls 14	FE2-8317
Mo	Victor Adding Machine Co	2205 Olive St, St. Louis 3	MA1-3330
Neb	Victor Adding Machine Co	2908 Farnam St, Omaha 31	342-2160
NJ	Victor Adding Machine Co	508 N. 11th St, Newark 7	HU3-1332
NY	Victor Adding Machine Co	352 Clermont Ave, Brooklyn 7	HY5-9494
NY	Victor Adding Machine Co	1580 Kenmore Ave, Buffalo 23	TR6-6542
NY	Victor Adding Machine Co	374 Fulton Ave, Hempstead	IV9-3801
NY	Victor Adding Machine Co	386 Park Ave, S, NY 16	MU9-4080
NY	Victor Adding Machine Co	249 East Ave, Rochester 4	BA5-1480
NY	Victor Adding Machine Co	2509 James St, Syracuse 6	HO3-6651
NY	Victor Adding Machine Co	646 Tuckahoe Rd, Yonkers	SP9-1100
NC	Victor Adding Machine Co	1831 E. 7th St, Charlotte 4	FR5-7708
NC	Victor Adding Machine Co	3903 Western Blvd, Raleigh	VA8-2360
Ohio	Victor Adding Machine Co	1023 N. Main St, Akron 10	WA9-2613
Ohio	Victor Adding Machine Co	1342 E. McMillan St, Cinc 6	UN1-2940
Ohio	Victor Adding Machine Co	3222 Carnegie Ave, Cleve 15	EX1-4650
Ohio	Victor Adding Machine Co	3977 Indianola Ave, Columbus 14	AM7-7227
Ohio	Victor Adding Machine Co	2665 S. Dixie, Dayton 9	AX8-5277
Ohio	Victor Adding Machine Co	2204 Upton Ave, Toledo 6	GR5-4659
Pa	Victor Adding Machine Co	3412 N. 6th St, Harrisburg	CE3-4504
Pa	Victor Adding Machine Co	114 N. 20th St, Phila 3	LO8-2970
Pa	Victor Adding Machine Co	225 Atwood St, Pittsburgh 13	MU1-2943
Tenn	Victor Adding Machine Co	2190 Lamar, Memphis 14	FA3-8588
Tenn	Victor Adding Machine Co	415-A Main St, Nashville 6	AL5-4166
Tex	Victor Adding Machine Co	2344 Irving Blvd, Dallas 7	RI8-5531
Tex	Victor Adding Machine Co	301 W. Rosedale St, Ft. Worth 4	ED2-7397
Tex	Victor Adding Machine Co	2617 S. Austin, Houston 4	CA8-9471
Tex	Victor Adding Machine Co	1206 West Ave, San Antonio	PE4-6408
Utah	Victor Adding Machine Co	1357 S. Main St, Salt Lake 15	HU4-5571
Va	Victor Adding Machine Co	2401 Westwood Ave, Richmond 30	EL9-4091
Wash	Victor Adding Machine Co	200 Queen Anne Ave, N, Seattle 9	AT4-0350
Wash	Victor Adding Machine Co	1414 N. Monroe St, Spokane 17	FA7-9541
W Va	Victor Adding Machine Co	1125 E. Washington St, Charleston 1	DI4-3479
For	Vemco Intercontinental Ltd	155 Birmensdorferstr, Zurich 3, Switz	35-69-39

VICTOR-BERNARD INDUSTRIES ... 4566 Baker St, Philadelphia 27, Pa ... IV3-2600
45

VICTOR ELECTRIC & WIRE CABLE CORP ... 618 Main St, W. Warwick, RI ... VA1-1700
N Brill *225 E 375-1950

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ill	Richard Provost	75 E. Austin Blvd, Chicago 44, Ill	MA6-4259
Ill	John W Tiedt Co	5350 W. Diversey Ave, Chicago 39, Ill	SP7-2250
Ind	W A Weily Co	4057 E. Harrison Blvd, Ft. Wayne, Ind	KE2461
Mich	Jack Thorpe Co	640 Hidden Ln, Detroit 35, Mich	
Minn	Ed Wetzel & Associates	2635 University Ave, St. Paul 14, Minn	MI6-7991
Mo	Tiedt & Co	7877 Clayton Rd, St. Louis 24, Mo	WY3-1070
NJ	Ben Trabass	24 Oldwater Ln, Garfield, NJ	PR7-1535
NY	W A Frankie	2 Stanton Terr, Syracuse 3, NY	GR-1120
NY	Ben Trabass	24 Oldwater Ln, Garfield, NJ	PR7-1535
Pa	Springer Sales Co	325 N. Franklin St, Philadelphia 6, Pa	WA5-7431
Pa	R T Pearson Sales	1175 York Rd, Abington, Pa	TU7-0676
Tex	J Earl Smith	Box 35531 Airlawn Sta, Dallas 35, Tex	FL7-1727
Wis	Martin Electrical Sales Co	1108 N 3rd, Milwaukee 3	BR1-4500

VICTOR R F & MICROWAVE CO ... 36 W. Water St, Wakefield, Mass ... CR9-4472
G Victor #3 *18 185- 285- 385-500-670-895-1135-1290-1785

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Fla	Perrott Assoc	P.O. Box 6967, Orlando	MI4-0865
Haw	Arva, Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
Ill	H G Pratal Inc	4 N. Cicero Ave, Chicago 44, Ill	CO1-3146
Ind	H G Pratal Inc	4 N. Cicero Ave, Chicago 44, Ill	CO1-3146
La	Southwest Electronic Industries	Meadows Bldg, Dallas 6, Tex	EM3-1671
Md	W B Palosca Inc	1787 Massachusetts Ave, Lexington, Mass	VO2-7224
Md	Bernie White	1104 Mondawmin, Baltimore 15	LA3-7700
Mass	W B Palosca Inc	1787 Massachusetts Ave, Lexington, Mass	VO2-7224
Nev	Allen-Cochrane Co	2215 S El Camino Rd, San Mateo, Cal	FI5-7981
NH	W B Palosca Inc	1787 Massachusetts Ave, Lexington, Mass	VO2-7224
NJ	William Drew & Co	145 Narberth Ave, Narberth, Pa	MO4-8331
NJ	Joseph Spring Associates	254 W. 31st St, New York 1, NY	LO5-1820
NY	Joseph Spring Associates	254 W. 31st St, New York 1, NY	LO5-1820
NY	Wilson H Zimmerman Co, Inc	112 Dewitt St, Syracuse 3, NY	GR4-4889
Okla	Southwest Electronic Industries	Meadows Bldg, Dallas 6, Tex	EM3-1671
Pa	William Drew & Co	145 Narberth Ave, Narberth, Pa	MO4-8331
Pa	R G Sidwell & Co	12200 Westlake Ave, Cleveland 7, Ohio	AC1-1313
RI	W B Palosca Inc	1787 Massachusetts Ave, Lexington, Mass	VO2-7224
Tex	Southwest Electronic Industries	Meadows Bldg, Dallas 6, Tex	EM3-1671
Vt	W B Palosca Inc	1787 Massachusetts Ave, Lexington, Mass	VO2-7224
Wash	Arva, Inc	1320 Prospect Ave, Seattle 9	MA2-0177
Wisc	H G Pratal Inc	4 N. Cicero Ave, Chicago 44, Ill	CO1-3146
For	Terminal Radio Int'l Ltd	240 W 17th St, New York 11, NY	CH3-5200

● **VICTOREEN INSTRUMENT CO** ... 5806 Hough Ave, Cleveland 3, Ohio ... EN1-6200
A Over #15 *250 G 255-410-895-1425-1475-1855-1880

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Perrott Assoc	P.O. Box 6967, Orlando	MI4-0865
Alas	Arva, Inc	1320 Prospect St, Seattle 9, Wash	MA2-0177
Ariz	C R Lynch & Son	3307 Glendale Blvd, Los Angeles, Cal	NO3-5238
Cal	Allen-Cochrane Co	2215 S El Camino Rd, San Mateo	FI5-7981
Cal	C R Lynch & Son	3307 Glendale Blvd, Los Angeles, Cal	NO3-8238
Conn	W B Palosca Inc	1787 Massachusetts Ave, Lexington, Mass	VO2-7224
Del	William Drew & Co	145 Narberth Ave, Narberth, Pa	MO4-8331
DC	William Drew & Co	1104 Mondawmin, Baltimore 15, Md	LA3-7700

VICTORY ELECTRONICS INC ... 50 Bond St, Westbury, NY ... ED4-8892
S Sutton #6 *25 B 365-915-1150-1340-1855-1860

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	L R Massey Co	304 Jefferson St, Greenwood, Miss	GL3-3038
Cal	Elleray' Co	345 California Ave, Palo Alto	DA6-1655
Conn	John Hines Co	1181 Long Hill Rd, Cheshire, Conn	BR2-8747
Del	William Dalesandro	410 S Cedar Ln, Upper Darby, Pa	HI9-2200
DC	Harold Ambrose	6700 Brookville Rd, Chevy Chase, Md	OL4-8184
Fla	L R Massey Co	304 E Jefferson St, Greenwood, Miss	GL3-3038
Idah	Fred H Haight	3212 Eastlake Ave, Seattle 2, Wash	EA2-1818
Ill	Zak & Assoc	7730 Carondelet Ave, St Louis, Mo	PA7-8559
Ind	A E Williams	Rural Route #1, Markle	248-5703
Iowa	Zak & Associates	7730 Carondelet Ave, St Louis, Mo	PA7-8559
Ky	A E Williams	Rural Route #1, Markle, Ind	248-5703
La	L R Massey Co	304 Jefferson St, Greenwood, Miss	GL3-3033
Me	Thomas Crawford & Son	1068 Washington St, Norwood, Mass	NO7-6878
Md	William Dalesandro	410 S Cedar Ln, Upper Darby, Pa	HI9-2200
Mass	Thomas Crawford & Son	1068 Washington St, Norwood	NO7-6878
Minn	Fred Peterson	2431 Hennepin Ave, Mpls	FR7-3025
Miss	L R Massey Co	304 E Jefferson St, Greenwood	GL3-3038
Mo	Zak & Assoc Inc	7730 Carondelet Ave, St Louis	PA7-8559
Mont	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA2-1818
Neb	Zak & Assoc Inc	7730 Carondelet Ave, St Louis, Mo	PA7-8559
NH	Thomas Crawford & Son	1068 Washington St, Norwood, Mass	NO7-6378
NJ	John W Richardt Co	Route 46, Pine Brook	CA8-0880
NC	L R Massey	304 E Jefferson St, Greenwood, Miss	GL3-3038
ND	Fred Peterson Co	2431 Hennepin Ave, Mpls, Minn	FR7-3025
Ohio	Clare Electronics	Box 3031, Cleveland 17	IV1-5364
Okla	Zak & Assoc Inc	7730 Carondelet Ave, St Louis, Mo	PA7-8559
Ore	Fred H Haight Co	3212 Eastlake Ave, Seattle, Wash	EA2-1818
Pa	William Dalesandro	410 S Cedar Ln, Upper Darby	HI9-2200
RI	Thomas Crawford & Son	1068 Washington St, Norwood, Mass	NO7-6878
SC	L R Massey Co	304E Jefferson St, Greenwood, Miss	GL3-3038
SD	Fred Peterson	2431 Hennepin Ave, Mpls 5, Minn	FR7-3025
Tenn	L R Massey	304 E Jefferson St, Greenwood, Miss	GL3-3038
Vt	Thomas Crawford & Son	1068 Washington St, Norwood, Mass	NO7-6878
Wash	Fred H Haight	3212 Eastlake Ave, Seattle 2	EA2-1818
Can	Electrodesign	3774 St Lawrence Blvd, Montreal 11, PQ	DU9-5814
For	Jerome Berliner (EMEC)	27 Grace St, Plainview, NY	WE1-3700

VICTORY ENGINEERING CORP ... 181 Springfield Rd, Union, NJ ... MU8-7150
W Heston #24 *170 235-275-360-470-895-1135-1475-1790-1925

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR5-1914
Alaska	Rocke International Corp	13 E. 40th St, New York 16, NY	MU9-0200
Ariz	Weston Sales & Engineering	7407 Melrose Ave, Los Angeles 46, Cal	WE3-7276
Ark	Edward F Aymond Co	4712 Maple Ave, Dallas 19, Tex	LA6-5233
Cal	Weston Sales & Engineering	7407 Melrose Ave, Los Angeles 46, Cal	WE3-7276
Colo	Elton K Kelley	336 E. 4th St, Loveland, Colo	NO7-1376
Conn	Ray Perron & Co., Inc	1870 Centre St, Boston 32, Mass	FA3-1008
Del	Brown-Frederick Associates	220 S Easton Rd, Glenside, Pa	TU7-1325
DC	Brown-Frederick Associates	220 S Easton Rd, Glenside, Pa	TU7-1325
Fla	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR5-1914
Ga	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR5-1914
Hawaii	Rocke International Corp	13 E. 40th St, New York 16, NY	MU9-0200
Idaho	Elton K Kelley	336 E. 4th St, Loveland, Colo	NO7-1376
Ill	Leroy W Bauer Co	6518 W. North Ave, Chicago 35, Ill	BE7-2420
Ind	Scott & Steffen Inc	1836 Euclid Ave, Cleveland 15, Ohio	TO1-2626
Iowa	F C Somers & Co	Davidson Bldg, Kansas City, Mo	GR1-1355
Kan	F C Somers & Co	Davidson Bldg, Kansas City, Mo	GR1-1355
Ky	Scott & Steffen Inc	1836 Euclid Ave, Cleveland, Ohio	TO1-2626
La	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR5-1914
Me	Ray Perron & Co., Inc	1870 Centre St, Boston 32, Mass	FA3-1008
Md	Brown-Frederick Associates	220 S Easton Rd, Glenside, Pa	TU7-1325
Mass	Ray Perron & Co	1870 Centre St, Boston 32, Mass	FA3-1008
Mich	Burcaw-Omner Co	22131 Grand River Ave, Detroit 19, Mich	KE3-7700
Minn	H M Richardson & Co	9 E. 22nd St, Minneapolis, Minn	FE6-4078
Miss	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR5-1914
Mo	F C Somers & Co	Davidson Bldg, Kansas City 8, Mo	GR1-1355
Mont	Elton K Kelley	336 E. 4th St, Loveland, Colo	NO7-1376
Neb	F C Somers & Co	Davidson Bldg, Kansas City, Mo	GR1-1355
Nev	Weston	7407 Melrose Ave, Los Angeles 46, Cal	WE3-7276
NH	Ray Perron & Co., Inc	1870 Centre St, Boston 32, Mass	FA3-1008
NJ	O F Mason Co	1 Wolf's Ln, Pelham, NY	PE8-4510
NM	Elton K Kelley	336 E. 4th St, Loveland, Colo	NO7-1376
NY	O F Mason Co	1 Wolf's Ln, Pelham, NY	PE8-4510
NY	R C Foster	Box 1381, Rochester	GR3-1270
NC	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR5-1914
ND	H M Richardson Co	9 E. 22nd St, Minneapolis, Minn	FE6-4078
Ohio	Scott & Steffen Inc	1836 Euclid Ave, Cleveland 15, Ohio	TO1-2626
Okla	Edward F Aymond Co	4712 Maple Ave, Dallas 19, Tex	LA6-5233
Ore	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA2-1818
Pa	Scott & Steffen Inc	1836 Euclid Ave, Cleveland 15, Ohio	TO1-2626
RI	Ray Perron & Co., Inc	1870 Centre St, Boston 32, Mass	FA3-1008
SC	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR5-1914
SD	H H Richardson & Co	9 E. 22nd St, Minneapolis, Minn	FE6-4078
Tenn	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR5-1914
Tex	Edward F Aymond Co	4712 Maple Ave, Dallas 19, Tex	LA6-5233
Utah	Elton K Kelley	336 E. 4th St, Loveland, Colo	NO7-1376
Vt	Ray Perron & Co	1870 Centre St, Boston 32, Mass	FA3-1008
Va	Cartwright & Bean	560 S. Cooper, Memphis, Tenn	BR5-1914
Wash	Fred H Haight Co	3212 Eastlake Ave, Seattle 2, Wash	EA2-1818
W. Va	Scott & Steffen Inc	1836 Euclid Ave, Cleveland 15, Ohio	TO1-2626
Wisc	Leroy W Bauer Co	6518 W. North Ave, Chicago 35, Ill	BE7-2420
Wyo	Elton K Kelley	336 E. 4th St, Loveland, Colo	NO7-1376
Foreign	Rocke International Corp	13 E. 40th St, New York 16, NY	MU9-0200

VIDAIRE ELECTRONICS MFG CORP 365 Babylon Tpk, Roosevelt, NY ... MA3-6696
M Shapiro #1 *15 C 45-50-385-670-1200

VIDAR CORP ... 2296 Mora Dr, Mountain View, Cal ... YO8-6561
V Anderson #4 *15 C 338-365-895

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Alas	Compumics	Harvard St, Seattle 4, Wash	MA4-5135
Ariz	Moxon Electronics	485 S. Robertson, Beverly Hills, Cal	BR2-0311
Ark	Datronics Inc	1401 Post Oak Rd, Houston, Tex	SU2-0432
Cal	Moxon Electronics Corp	485 S. Robertson, Beverly Hills, Cal	BR2-0311
Conn	Instrument Dynamics Inc	75 Wilcox Rd, Milford	TR4-7784
Del	S S Lee Assoc, Inc	2521 Emails Ave, Wheaton, Md	LO5-7066
DC	S S Lee Assoc, Inc	21 Pennsylvania Ave, Towson 4, Md	VA3-3434
Fla	S S Lee Assoc, Inc	Box 7896, Orlando	CH1-4445
Ga	S S Lee Assoc	Box 7896, Orlando, Fla	CH1-4445
Ill	Pivan Eng	3542 W. Peterson Ave, Chicago 45	CR2-5527
Ind	Pivan Eng	1282 N. College Ave, Indpls 20	WA-1522
Iowa	Pivan Eng	3542 W. Peterson Ave, Chicago 45, Ill	CR2-5527
La	Datronics Inc	1401 Post Oak Rd, Houston, Tex	SU2-0432
Me	Instrument Dynamics Inc	11 Albion St, Wakefield, Mass	CR6-5100
Md	S S Lee Assoc, Inc	2521 Emails Ave, Wheaton	LO5-7066
Mass	Instrument Dynamics Inc	11 Albion St, Wakefield	CR6-5100
Mich	Pivan Eng	3542 W. Peterson Ave, Chicago 45, Ill	CR2-5527
Nev	Moxon Electronics	485 S. Robertson, Beverly Hills, Cal	BR2-0311
NH	Instrument Dynamics	11 Albion St, Wakefield, Mass	CR6-5100
NJ	G Curtis Engel & Assoc	210 S. Broad St, Ridgewood	GI4-1400
NY	J D Ryerson Assoc, Inc	Box 1400 Syracuse 1	GI6-1771
NC	S S Lee Assoc, Inc	Box 906, Winston-Salem	ST8-0431
Ohio	Dayton Assoc	1318 Talbott Tower, Dayton 2	BA3-9671
Okla	Datronics Inc	1401 Post Oak Rd, Houston, Tex	SU2-0432
Ore	I R Compton	Hanford St, Seattle 4 Wash	MA4-5135
Pa	G Curtis Engel & Assoc	210 South Broad St, Ridgewood, NJ	GI4-1400
Pa	Dayton Assoc	1318 Talbott Tower, Dayton 2, Ohio	BA3-9671
RI	Instrument Dynamics Inc	11 Albion St, Wakefield, Mass	CR6-5100
SC	S S Lee Assoc	Box 906, Winston-Salem, NC	ST8-0431
Tex	Datronics Inc	1401 Post Oak Rd, Houston, Tex	SU2-0432
Vt	Instrument Dynamics	11 Albion St, Wakefield, Mass	CR6-5100
Va	S S Lee Assoc	2521 Emails Ave, Wheaton, Md	LO5-7066
Wash	I R Compton	2 Hanford St, Seattle 4	MA4-5135
W Va	Dayton Assoc	1318 Talbott Tower, Dayton 2, Ohio	BA3-9671
Wis	Pivan Eng	3542 W. Peterson Ave, Chicago 45, Ill	CR2-5527

VIDEO INDUSTRIES CO ... 242 Madison Ave, Port Chester, NY ... WE9-4919
S Simons #1 *6 B 45-140-1125

VIDEO INSTRUMENTS CO, INC ... 3002 Pennsylvania Ave, Santa Monica, Cal ... EX3-1244
895-1340

VIKING INDUSTRIES INC ... 21343 Roscoe Blvd, Canoga Park, Cal ... DI7-8500
C McCallus #25 *210 E 338-345-1340

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	E C Raymond	Box 225, Huntsville	JE6-6611
Alas	Seatronics Inc	1817 Nerman St, Seattle 44, Wash	EA3-8545
Ariz	Samuel O Jewett Co	515 W. Vernon Ave, Scottsdale, Ariz	WH5-9711
Cal	Wm J Carman	4476 Tivoli St, San Diego, Cal	AC2-9494
Cal	John E Striker Co	P.O. Box 540, San Carlos, Cal	LY1-0776
Colo	Electronic Component Sales	2141 S. Clermont, Denver, Colo	SK7-1761
Conn	Forsberg Sales	125 Perkins Ave, Brockton, Mass	JU3-0033
Del	Wally Shulan & Co	880 Bergen Ave, Jersey City 6, NJ	SW5-2220
DC	J J Maguire	742 Investment Bldg, Washington 5, DC	NA8-4247
Fla	E C Raymond & Assoc	Box 8215, St Petersburg	WA1-9735
Ga	E C Raymond & Assoc	Box 8215, St Petersburg, Fla	WA1-9735
Idah	Seatronics Inc	Box 2126, Idaho Falls	JA2-7992
Ill	Bane Sales Co	924 N Benton, St Charles, Mo	RA4-6867
Ind	Wright Eng	Box 23007, Indpls 44	WA3-6398
Ky	Wright Eng	Box 23007, Indpls 44, Ind	WA3-6398
Me	Forsberg Sales	125 Perkins Ave, Brockton, Mass	JU3-0033
Md	Wally Shulan & Co	880 Bergen Ave, Jersey City 6, NJ	
Mass	Forsberg Electric Sales	125 Perkins Ave, Brockton, Mass	JU3-0033
Minn	Stan Clothier Co., Inc	12 W. 56th St, Minneapolis 19, Minn	TA5-1294
Mo	Bane Sales Co	924 N Benton, St Charles	RA4-6867
NH	Forsberg Sales	125 Perkins Ave, Brockton, Mass	JU3-0033
NJ	Wally Shulan & Co	880 Bergen Ave, Jersey City 6	SW5-2220
NM	Electronic Component Sales Inc	3321 San Pedro Dr, NE, Albuquerque	AM8-8804
NY	Wally Shulan & Co	880 Bergen Ave, Jersey City 6, NJ	SW5-2220
Ohio	G & H Sales Co	P.O. Box 416, Cincinnati 17, Ohio	JE1-0551
Okla	Allied Components Inc	2517 Converse St, Dallas 7, Tex	RI2-2842
Ore	Seatronics Inc	1817 Nerman St, Seattle 44, Wash	EA3-8545
Pa	Wally Shulan & Co	880 Bergen Ave, Jersey City 6, NJ	SW5-2220
RI	Forsberg Sales	125 Perkins Ave, Brockton, Mass	JU3-0033
Tenn	E C Raymond & Assoc	Box 225, Huntsville, Ala	JE6-6611
Tex	Allied Component Sales	2517 Converse St, Dallas 7, Tex	RI2-2842
Utah	Electronic Component Sales Inc	544 E 4800 S, Murray	AM6-2990
Vt	Forsberg Sales	125 Perkins Ave, Brockton, Mass	JU3-0033
Va	J J Maguire	742 Investment Bldg, Wash 5, DC	NA8-4247
Wash	Seatronics Inc	1817 Nerman St, Seattle 44, Wash	EA3-8545
W Va	J J Maguire	742 Investment Bldg, Wash 5, DC	NA8-4247

VIKING OF MINNEAPOLIS ... 9000 Aldrich Ave, S., Minneapolis 20, Minn ... TU1-2634
J MacAllister #4 *175 E 1750

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	I R Stern & Co	4125 Burbank Blvd, Burbank	

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Meyer & Ross	113-[illegible] St. SF 3	HE1-0480
Colo	Hyde Electronics Co	[illegible] S. Lipan St. Denver 23	WE6-3456
Fla	[illegible] Prods. Inc	Box 154, N. Miami Beach	[illegible]7-3531
Ill	R R Hutmacher Assoc. Inc	6660 [illegible] Chicago 31	NE1-3248
Ind	D Cook & Assoc	3710 N. Meridian St. Indpls	WA6-6511
Md	G Rosen & Assoc. Inc	9501 Wisconsin Dr. Bethesda 14	OL6-6300
Mass	M Scott Co	33[illegible] Washington St. Wellesley Hills 81	CE5-0102
Mo	Kelly-Schmitz-[illegible] Assoc	4[illegible] W. 75th St. Terrace, KC 14	EM1-5651
NJ	Miller Electronics Inc	27 Mechanic St. Red Bank	SH1-9300
NM	Hyde Electronics Co	52[illegible] Constitution Ave. NE. Albuquerque	AM8-1111
NY	LeRoy & McGuire Inc	Rt. 4, Amsterdam	VI2-5979
NY	LeRoy & McGuire Inc	Rt. 1, Phelps	[illegible]8-4891
Ohio	Schroeder Sales Co	2254 Euclid Ave. Cleve 15	
Tex	C H Lucas Sales Co	Box [illegible]06, Dallas 16	WH2-5958
Utah	Hyde Electronics Co	2[illegible] Connor St. Salt Lake City 9	IN7-5763
Can	A L Clark Ltd	3751 Bloor St. W. Islington, Ont	
Can	A L Clark Ltd	5356 Queen Mary Rd. Montreal 29, Que	

VIKING WIRE CO., INC — 100 Shelter Rock Rd, Danbury Conn — PI3-9291
S Warschauer #2 *70 E 1960

VINCO ELECTRONICS CORP — 65 Wallace St, New Haven 11, Conn — UN5-2073
#2 *6 795-895-1135-1340-1425

VIRGINIA ELECTRONICS CO., INC — 5209 River Rd, Wash 16, DC — OL4-6680
R Kodlich #8 *60 C 320-325-338-360-375-670-795-895-910-945-1075-1425-1735-1855-1870-1960

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Beall Electronics Sales Co	P.O. Box 907, Palo Alto	DA1-8501
Cal	[illegible]	[illegible]	[illegible]7-1166
Conn	Sales Assoc of New Eng	106 [illegible] St, W Hartford	AD2-0119
Fla	Morris F Taylor Co	[illegible]	62-4071
Fla	Morris F Taylor Co	340 Lake Elbert Dr, Winter Haven	CY4-2941
Ga	Morris F Taylor Co	[illegible] Forrest Blvd, Decatur	DR8-6032
Ill	Ringland [illegible] Co	[illegible] Ave, Chicago	UN7-7100
Ind	[illegible]	[illegible]	AT3-1[illegible]
Kan	H A [illegible] & Co	[illegible]	AM2-1454
La	Jack F McKinney Sales Co	1102 Fairway, Kenner	KE4-5869
Md	L [illegible]	P.O. Box 55, Kingsville, Md	LY2-[illegible]
Md	Morris F Taylor Co	9431 Georgia Ave, Silver Spring	JU9-4002
Mass	Ress Eng Sales	[illegible]	LA7-4932
Mass	[illegible]	[illegible]	SO6-0917
Minn	Manufacturers' Sales Co	[illegible]	LI5-1223
[illegible]	[illegible]	[illegible]	[illegible]
Mo	[illegible]	P.O. Box 16, Florissant, Mo	TE7-[illegible]
Mo	H A [illegible] & Co	[illegible]	CO1-[illegible]
Mo	[illegible]	[illegible]	[illegible]
NY	[illegible]	317 [illegible]	HA2-[illegible]
NC	Morris F Taylor Co	1224 [illegible]	KE7-[illegible]
Ohio	Roger E [illegible]	8442 [illegible]	PO1-2916
Ohio	[illegible] Electronics	[illegible], Cleveland	IV1-5364
Okla	Jack F McKinney Sales Co	8512 E 32nd St, Tulsa	TE5-4730
Pa	Morris F Taylor Co	5345 [illegible] Dr, Pittsburgh	TU4-5[illegible]
Pa	Morris F Taylor Co	634 [illegible] St, Hellertown	TE8-8503
Tex	Jack F McKinney Sales Co	P.O. Box 31[illegible], Houston	MO5-[illegible]
Wash	Alfred E Crew	[illegible] NE First, Bellevue	GL4-7474
Can	[illegible] Co., Ltd	[illegible], Toronto, Ont	CL5-[illegible]
Fer	S.E.R.I.E.L.	[illegible]	
Foreign	[illegible]	P.O. Box 1122, [illegible]	
Foreign	[illegible]	[illegible], Tel Aviv, Israel	
Foreign	Daniel Delguy	58A Ch De Charleroi, Brussels, Belgium	

● **VITRAMON INC** — Box 544, Bridgeport 1, Conn — AM8-6261
R Hostage #53 *300 E 220

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ariz	G S Marshall Co	30 Palm Plaza, Scottsdale	WH6-5521
Cal	G S Marshall Co	[illegible] Rd, Redwood City	EM6-8214
Cal	G S Marshall Co	[illegible], San Marino, Cal	SY5-4304
Colo	[illegible]	[illegible]	WE5-4545
Conn	J E Bowling Co	Box 161, Branford	ST7-0115
Fla	W R Lehman Co	Box 12[illegible], Orlando	GA2-9848
Ill	[illegible]	[illegible], Chicago 45, Ill	RO4-6121
Mass	John E [illegible] Co	P.O. Box 2[illegible], Lexington 73, Mass	VO2-2980
Mich	[illegible]	11[illegible] Hamilton, Detroit 3	TO8-3322
Mich	Koehler-Pasmore Co	125 N. Walnut St. Kalamazoo	FI9-6315
Minn	[illegible]	[illegible]	JU[illegible]-2523
Mo	[illegible]	[illegible]	MI7-4350
Mo	[illegible]	[illegible]	HI4-9494
NC	[illegible]	[illegible]	PA2-1432
NM	Barn Hill Assoc	Box 1790, Alamogordo	HE7-2787
NY	E[illegible] Comp Sales Inc	23 Bradley Rd, Utica	RE2-1602
NY	E[illegible] Comp Sales Inc	40 S. Wisconsin Dr, RR 97, Binghamton	MI8-4014
Ohio	[illegible]	[illegible]	OR7-7212
Ohio	[illegible]	[illegible], Cleveland 31, Ohio	TW4-[illegible]
Ohio	[illegible]	[illegible], Cincinnati 37, Ohio	[illegible]E1-2460
Pa	[illegible]	[illegible], Philadelphia 24, Pa	CU9-7525
Tex	Ammon & Champion Co	2714 Bomar St. Dallas	FL7-3939
Utah	Barnhill Assoc	6[illegible] E. 1st N. Centerville	EL5-5101
Wash	[illegible]	1011 E. [illegible] St, Seattle 15, Wash	LA4-5170
Can	Automotive Eng. Prods	1912A Ave. Rd. Toronto, Ont	RU3-4288
Canada	[illegible]	147 [illegible], Que, Can	OX7-0810
Exp	Dage Corp	219 E. 44th St. NY, NY	MU2-6755

VITRO CORP OF AMERICA — 261 Madison Ave. NY 16, NY — MU2-5700
G 25-250-285-325-338-365-375-385-670-790-895-950-1135-1150-1425-1735-1810-1855-1870-1895

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Ray Attaway Co	Huntsville	
Cal	[illegible]	23[illegible] Pontius Ave. L A	GR7-6215
Cal	[illegible] Dynamics	Sherman Oaks	
Cal	R L Pflieger Co	San Carlos	
DC	[illegible]	[illegible] St, NW, Wash 5	ME8-23[illegible]
Fla	Vitro [illegible] Services	Fort Walton Beach	CH4-5184
Md	Vitro Electronics	919 Jessup-Blair Dr. Silver Spring	JU5-1000
Md	Vitro Labs	14000 Georgia Ave. Silver Spring	WH2-7200
NJ	Vitro [illegible] Lab	2[illegible] Pleasant Valley Way, West Orange	RE1-3400
NJ	[illegible] Sales Co	Eriton	
NJ	J W Richardt Co	Pine Brook	
Utah	F Y [illegible] Co	Salt Lake City	

● **VITRO ELECTRONICS DIV VITRO CORP** — 919 Jessup Blair Dr. Silver Spring, Md — JU5-1000
G 25-250-285-320-325-365-375-385-445-670-790-895-950-1135-1425-1735-1855-1870-1895

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Alas	Vitro Electronics	2301 Pontius Ave. LA 64, Cal	GR7-6717
Ariz	Vitro Electronics	2301 Pontius Ave. LA 64, Cal	GR7-6717
Ark	Vitro Electronics	2301 Pontius Ave. L A 64, Cal	GR7-6717
Cal	E Trompeter	7713 [illegible] Ave, Canoga Park, Cal	DI8-5120
Cal	Vitro Electronics	2301 Pontius Ave. L A 64	GR7-6717
Colo	Vitro Electronics	2301 Pontius Ave. L A 64, Cal	GR7-6717
Haw	Radio-Television Inc	777 Ala Moana, Honolulu	
Idaho	Arva	1[illegible] Prospect St, Seattle 99, Wash	MA2-0177
Iowa	Vitro Electronics	2301 Pontius Ave. LA 64, Cal	GR7-6717
Mont	Arva	1320 Prospect St, Seattle 99, Wash	MA2-0177
Nev	Vitro Electronics	2301 Pontius Ave. LA 64, Cal	GR7-6717
NM	Vitro Electronics	2301 Pontius Ave. LA 64, Cal	GR7-6717
NY	Telesco Intl Corp	171 Madison Ave. New York 16	MU3-9420
ND	Vitro Electronics	2301 Pontius Ave. L A 64, Cal	
Okla	Carey-Wolf Co	Box 6[illegible], Ft Worth, Tex	PE8-17[illegible]
Ore	Arva	1320 Prospect St, Seattle 99, Wash	MA2-0177
SD	Vitro Electronics	1302 Pontius Ave. LA 64, Cal	GR7-6717
Tex	Carey-Wolf Co	Box 6672, Fort Worth	PE8-1712
Utah	Vitro Electronics	1302 Pontius Ave. LA 64, Cal	GR7-6717
Wash	ARVA Inc	1320 Prospect St. Seattle 9	MA2-0177
Wyo	Vitro Electronics	1302 Pontius Ave. L A 64, Cal	GR7-6717
Canada	Electromechanical Products	[illegible], Ontario, Canada	
Foreign	Telesco Int'l Corp	[illegible] W. 40th St, New York, NY	PE6-2165

VITROSEAL CORP — Vine & Race Sts, Ridgway, Pa — PR2-4655
J Yetzer #3 *20 A 1545

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	R L Reid & Co	248 W. Pamela Rd, Arcadia, Cal	
Ind	R L [illegible] & Co	P.O. Box [illegible], Indianapolis 2[illegible], Ind	VI5-2511
NY	Components for Industry	103 [illegible] Terr, Tonawanda, NY	JA7[illegible]
Pa	[illegible] & Co	[illegible] Ave, Ardmore, Pa	M[illegible]-6511
Tex	[illegible] Sales Co	P.O. Box 13026, Dallas 20, Tex	FL2-74[illegible]

VLCHEK TOOL CO — 3001 E 87 St. Cleveland 4, Ohio — GA1-2480
G Barber #5 *300 E 135-1285-1290-1825

VOAK ENGINEERING CO — 129 E. A St, Upland, Cal — YU2-5538
A Voak #2 *10 B 1330

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ariz	M W Riedel & Co	316 E. Valley Blvd, Alhambra, Cal	CU3-7[illegible]
Cal	M W Riedel & Co	316 E. Valley Blvd, Alhambra, Cal	CU3-7[illegible]
Del	[illegible] Associates	734-15th St, N.W., Washington, DC	ME8-[illegible]
DC	[illegible] Associates	734-15th St, N.W., Washington, DC	ME8-[illegible]
Md	[illegible] Associates	734-15th St, N.W., Washington, DC	ME8-[illegible]
Mass	Industron Co	[illegible], Lowell	GL3-[illegible]
NJ	Industron Co	300 Northern Blvd, Great Neck, NY	HU7-2620
NM	SEI Inc	P.O. Box [illegible], Albuquerque	
NY	Industron Co	300 Northern Blvd, Great Neck, NY	HU7-2[illegible]
NY	Industron Co	200 E. [illegible] St, Syracuse 1, NY	
Pa	Industron Co	[illegible], Philadelphia 7, Pa	[illegible]6-4121
Tex	Southwest Electronic Industries	[illegible], Dallas 6, Tex	EM3-1671
Tex	Southwest Electronic Ind Inc	3015 Richmond Ave, Houston	MA3-5775

VOCALINE CO OF AMERICA INC — Old Saybrook, Conn — EV8-3414
325-910-1845

● **VOGUE INSTRUMENT CORP** — 2350 Linden Blvd. Brooklyn 8, NY — NI9-5300
H Gopstein #6 *75 F 1330-1475

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Wm H Jones Co. Inc	1107 Echo Ct. N, Towson 4, Md	VA3-5721
Ariz	Electro-Mechanical Instruments, Inc	4916 Eagle Rock Blvd. Los Angeles 41	CL4-2841
Ark	Packard Associates	Love Field Terminal Bldg. Dallas, Tex	FL7-5713
Cal	Catha Co., The	5546 Amby Dr. San Jose	AN6177
Cal	Electro-Mechanical Instruments, Inc	4916 Eagle Rock Blvd. LA	CL4-2841
Conn	Dynamic Devices, Inc	11 Albion St. Wakefield, Mass	245-9100
Del	Jay Co., The	2420 Wilson Blvd. Arlington, Va	JA4-6767
DC	Jay Co., The	2420 Wilson Blvd. Arlington, Va	JA4-6767
Fla	Wm H Jones Co. Inc	1107 Echo Ct. N, Towson 4, Md	VA3-5721
Ga	Wm H Jones Co. Inc	1107 Echo Ct. N, Towson 4, Md	VA3-5721
Ill	Carter Electronics, Inc	4214 S Scottsdale Ave. Chicago	RE5-0777
Ind	Electri-Pro	19[illegible] Clairview Ct. N, Detroit, Mich	TU1-1622
Iowa	George E Harris Co	2522 E Douglas, Wichita, Kan	MU3-9226
Kan	George E Harris Co	2522 E Douglas, Wichita	MU3-9226
La	Packard Associates	Love Field Terminal Bldg. Dallas, Tex	FL7-5713
Me	Dynamic Devices, Inc	11 Albion St. Wakefield, Mass	245-9100
Md	Jay Co., The	2420 Wilson Blvd, Arlington, Va	JA4-6767
Mass	Dynamic Devices, Inc	11 Albion St. Wakefield	245-9100
Mich	Electri-Pro	19[illegible] Clairview Ct. N, Detroit	TU1-1622
Minn	Carter Electronics, Inc	4214 S Scottsdale Ave. Chicago, Ill	RE5-0777
Mo	George E Harris Co	2522 E Douglas, Wichita, Kan	MU3-9226
Neb	George E Harris Co	2522 E Douglas, Wichita, Kan	MU3-9226
Nev	Catha Co., The	5546 Amby Dr. San Jose, Cal	AN6177
NH	Dynamic Devices, Inc	11 Albion St. Wakefield, Mass	245-9100
NJ	Ellis-Hiller Co., The	11 Northern Blvd. Great Neck, NY	HU7-5145
NJ	Hollsworth & Co	425 S Springfield, Clifton Hgts, Pa	MA6-8300
NM	Edward G Miller, Jr Co	210 [illegible] Dr. NE, Albuquerque	AL6-1585
NY	Ellis-Hiller Co., The	11 Northern Blvd. Great Neck	HU7-5145
NC	Wm H Jones Co. Inc	1107 Echo Ct. N, Towson, Md	VA3-5721
Ohio	Technical Associates, Inc	4[illegible] Lander Rd, Chagrin Falls	TE1-[illegible]
Okla	Packard Associates	Love Field Terminal Bldg. Dallas, Tex	FL7-5713
Pa	Hollsworth & Co	425 S Springfield, Clifton Hgts	MA6-8300
RI	Dynamic Devices, Inc	11 Albion St. Wakefield, Mass	245-9100
SC	Wm H Jones Co. Inc	1107 Echo Ct. N, Towson 4, Md	VA3-5721
Tenn	Wm H Jones Co. Inc	1107 Echo Ct. N, Towson, Md	VA3-5721
Tex	Packard Associates	Love Field Terminal Bldg. Dallas	FL7-5713
Vt	Dynamic Devices, Inc	11 Albion St. Wakefield, Mass	245-9100
Va	Jay Co., The	2420 Wilson Blvd. Arlington	JA4-6767
Wis	Carter Electronics, Inc	4214 S Scottsdale Ave. Chicago, Ill	RE5-0777
For	[illegible] & Products	52 [illegible] St. New York 5, NY	WH4-437[illegible]

VOI-SHAN ELECTRONICS — 13259 Sherman Way, Hollywood, Cal — TR7-9952
895-915-1135-1145-1455-1460-1810

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ark	[illegible] Engineering Sales Co	Meadows Bldg. Dallas 6, Tex	EM1-1765

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
DC	Thomas Eader & Associates	1844 Edgewood Rd, Baltimore, Md	VA5-11[illegible]
Ill	Burt Anderson & Associates	5414 W. Higgins Ave. Chicago, Ill	SP4-0174
La	Koch Engineering Sales Co	1607 Jefferson, Houston 2, Tex	FA3-7051
Md	Thomas Eader & Associates	1844 Edgewood Rd, Baltimore, Md	VA5-11[illegible]
Minn	Burt Anderson & Associates	1821 University Ave, St. Paul, Minn	MI6-1111
NJ	Kenneth E Hughes Co	[illegible], Union City, NJ	OX[illegible]-[illegible]2
NY	Kenneth E Hughes Co	P.O. Box 54, Fayetteville, NY	NE7-9531
Ohio	Burt Anderson & Associates	Monterey, R R 3, Batavia, Ohio	RE4-6[illegible]
Okla	Koch Engineering & Sales Co	Meadows Bldg, Dallas, Tex	EM1-17[illegible]
Pa	Kenneth E Hughes Co	111 N. 33rd St, Philadelphia, Pa	EV[illegible]-31[illegible]
Tex	Koch Engineering & Sales Co	Meadows Bldg, Dallas, Tex	EM1-17[illegible]
Va	Thomas Eader & Associates	1844 Edgewood Rd, Baltimore, Md	VA5-11[illegible]

VOITRON PRODUCTS — 1020 S Arroyo Pkwy. Pasadena, Cal — MU2-3377
#7 *55 D 35-895-1460

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ala	Specialised Eqpt. Co	Box 323 Cocoa Beach, Fla	SU3-3328
Ariz	Luscombe Eng. Co	1020 S. Arroyo Pkwy, Pasadena, Cal	MU2-3386
Cal	Luscombe Eng. Co	1020 S. Arroyo Pkwy. Pasadena	MU2-3386
Colo	Rowley Bouvette Co	651 Jason St. Denver	SH4-2311
Conn	Edcom Inc	815 Washington St. Newtonville, Mass	WO9-9710
Del	Arnold Associates	52[illegible] Ryers St, Cheltenham, Pa	PI2-[illegible]
DC	Arnold Associates	52[illegible] Ryers St, Cheltenham, Pa	PI2-[illegible]
Fla	Specialized Eqpt. Co	Box 323 Cocoa Beach	SU3-3328
Ga	Specialized Eqpt. Co	Box 323 Cocoa Beach, Fla	SU3-3328
Idah	Seatronics Inc	Box 2126, Idaho Falls	
Ill	Lowell Co	4124 Shawnee Terrace, Skokie	OR6-2063
Ind	The Satulle Co	4512 N. Woodward Ave, Royal Oak, Mich	LI9-391[illegible]
Iowa	Eng. Services	1305 Oakland Gardens, Cedar Rapids	EM5-6183
Kan	Engineering Services Co	4550 Main St, Kansas City, Mo	JE1-7765
La	V J Sykes Assoc	2608 Inwood Rd. Dallas, Tex	FL2-6943
Me	Edcom Inc	815 Washington St. Newtonville, Mass	WO9-9710
Md	Arnold Associates	52[illegible] Ryers St, Cheltenham, Pa	PI2-[illegible]
Mass	Edcom Inc	815 Washington St. Newtonville	WO9-97[illegible]
Mich	The Satulle Co	4512 N. Woodward Ave, Royal Oak, Mich	LI9-391[illegible]
Minn	Northport Eng	1729 Selby Ave. St. Paul	MI2-2621
Miss	Specialized Eqpt. Co	Box 323 Cocoa Beach, Fla	SU3-3328
Mo	Eng. Services Co	5717 Vernon Ave. St. Louis	PA6-2233
Mont	Seatronics Inc	1817 Norman St. Seattle, Wash	EA3-8545
Neb	Eng. Services Inc	4550 Main St. KC, Mo	JE1-7765
Nev	Luscombe Eng. Co	1020 S. Arroyo Pkwy. Pasadena, Cal	MU2-33[illegible]
NH	Edcom Inc	815 Wash. St. Newtonville, Mass	WO9-9710
NJ	Arnold Associates	52[illegible] Ryers St, Cheltenham, Pa	PI2-[illegible]
NJ	Bradley Assoc	9 Dash Pl. NY	KI9-8500
NM	Aztec Enterprises	525 San Pedro NE. Albuquerque	AM8-6421
NY	Bradley Assoc	9 Dash Pl. NY	KI9-8500
NY	Carse Leeds Co	1044 Broadway, Albany	HO2-5364
NC	Specialized Eqpt	Box 323 Cocoa Beach, Fla	SU3-3328
Ohio	Satullo Co	785 W. Ohio Pike, Cinc	IV1-6200
Okla	V J Sykes Assoc	2608 Inwood Rd. Dallas, Tex	FL2-6943
Ore	Seatronics Inc	1817 Norman St. Seattle, Wash	EA3-8545
Pa	Arnold Associates	52[illegible] Ryers St, Cheltenham, Pa	PI2-[illegible]
RI	Edcom Inc	815 Wash. St. Newtonville, Mass	WO9-97[illegible]
SC	Specialized Eqpt. Co	Box 323 Cocoa Beach, Fla	SU3-3328
Tenn	Specialized Eqpt. Co	Box 323 Cocoa Beach, Fla	SU3-3328
Tex	V J Sykes Assoc	2608 Inwood Rd. Dallas	FL2-6943
Utah	Rowley-Bouvette Inc	[illegible] Folsom Ave, Salt Lake City, Utah	DA2-2041
Vt	Edcom Inc	815 Wash. St. Newtonville, Mass	WO9-9710
Va	Arnold Associates	52[illegible] Ryers St, Cheltenham, Pa	PI2-[illegible]
Wash	Seatronics Inc	1817 Norman St. Seattle	EA3-8545
Wis	Lowell Co	1124 Shawnee Terrace, Skokie, Ill	OR6-2063
Wyo	Rowley-Bouvette Inc	651 S. Jason St. Denver, Colo	SH4-2311
Can	Electrodesign	9124 St. Lawrence Blvd. Montreal, PQ	DU9-5914

VOKAR PRODUCTS INC — 149 E Hoover St. Ann Arbor, Mich — NO8-6908
R Dailey C 1935

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ariz	Shelley-[illegible] Co	Box 1[illegible]7, Phoenix, Ariz	AL8-7893
Cal	William Burke	[illegible] St. San Francisco 5, Cal	[illegible]
Cal	Eddie Colman & Associates	15[illegible] Ave, S. Los Angeles, Cal	RI9-6591
Colo	Hyde Electronics Co	[illegible] S. Lipan, Denver 23, Colo	WE6-34[illegible]
Ga	S Little Co	2[illegible] Connolly Dr. E. Point	761-5353
Ill	W J Doyle Co	2900 W. Touhy Ave. Chicago 45	BR4-6[illegible]
Ind	Delta Sales Co	2136 E. 52nd St. Indpls	CL1-3564
Md	The Eberle-Schaar Co	425 Stratford Rd, Baltimore 28, Md	RI7-3227
Mich	Moore Sales Co	4[illegible] Margaret, W. Detroit 3	TU3-0218
Minn	Nick J Laub Co	3749 N. Broadway, Minneapolis 22, Minn	JU8-4863
Mo	F C Somers & Co	1[illegible] & Main Sts, Kansas City, Mo	GR1-[illegible]
NY	M Landis Sales Co	217 Neck Rd, Brooklyn 23	NI5-1075
NY	L J McTaggart Assoc	2451 [illegible] Dr. Buffalo 21	NF4-2030
NY	J W Nelligan	4[illegible] [illegible] Ave. Scotia 2	FR7-9036
Ohio	R W Peters Co	350 E. 215th St. Cleve 23	AN1-2330
Ore	[illegible]	[illegible], Portland 19	CH6-45[illegible]
Pa	Eberle-Schaar Co	R F D 1, Lewisberry, Pa	PO5-[illegible]
Pa	F P Yancey Co	3[illegible] Valley Rd, Pittsburgh, Pa	CA1-4[illegible]
Tex	John B Guenther	45[illegible] N. Central Expressway, Dallas, Tex	LA8-6[illegible]
Utah	Hyde Electronics Co	2[illegible] Connor St, Salt Lake City 9, Utah	IN7-57[illegible]
Canada	Desser E E Ltd	44[illegible] St. Francois Xavier, Montreal 1, Can	VI5-65[illegible]
Foreign	Joseph Plasencia Inc	40[illegible] Broadway, New York, NY	WA5-3410

VOLKERT STAMPINGS INC — 222-34 96th Ave, Queens Village 29, NY — HO4-8400
F Rimmler #4 *185 E 285-615-1125-1875

VOLTRON PRODUCTS — 1020 S Arroyo Pkwy. Pasadena, Cal — MU2-3377
895

VORAC CO — 147 Meadow Rd, Rutherford, NJ — WE3-1000
M Golden #6 *40 D 30-315-1240

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Pa	Eichinger Industries Inc	[illegible] E. [illegible] St, Sharon, Pa	017-2[illegible]
SC	A A Armstrong Jr	112 Lancaster Ln, Greenville	CR7-3[illegible]1

VUE-TRONICS, INC. DIV PRESCOTT TELEVISION CO — 7706 Melrose Ave, Los Angeles 46, Cal — WE3-1616
M Prescott #6 *10 B 895-1340-1515

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Cal	Reeves Electronics, Inc	7512 Santa Monica Blvd, Los Angeles 46	HO9-3566
NY	GE Co Tech Prod Div	Electronics Park, Syracuse	GR6-4411
Utah	Paul J Powers	175 Social Hall Ave, Salt Lake City 11	EL9-7[illegible]
For	Telesco Intl Corp	171 Madison Ave, New York 16, NY	MU3-942[illegible]

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	VULCAN ELECTRIC CO	**88 Holten St, Danvers, Mass**	**SP4-1730**
	L Brett #11 *136 D 1825		
Ala	C H Cloer & Associates	3272 Peachtree Rd, N.E., Atlanta, Ga	
Ark	R G Titherington	980 Carondelet St, New Orleans, La	CA6287
Cal	Fenwal Inc	111 S. Burlington Ave, Los Angeles 57	DU4-3169
Cal	Bellflower Co	470 Market St, San Francisco 11, Cal	YU2-3713
Colo	Speedster Inc	1215 12th St, Denver 4	TA5-5345
Conn	Dowson-Wright Corp	2311 Whitney Ave, New Haven	AT8-1638
Del	Frank F Sahms	419 Twickenham Rd, Glenside, Pa	TU4-2559
DC	Frank F Sahms	419 Twickenham Rd, Glenside, Pa	TU4-2559
Fla	C H Cloer & Associates	3272 Peachtree Rd, N.E., Atlanta, Ga	
Ga	C H Cloer & Assoc	3272 Peachtree Rd. NE. Atlanta 5	CE3-8981
Ill	Fenwal Inc	6846 W. N. Ave, Chicago 35	TU9-8811
Ill	H Tom Collins	549 W. Washington Blvd, Chicago 6, Ill	DE2-6913
Ind	H Tom Collins	549 W. Washington Blvd, Chicago 6, Ill	DE2-6913
Iowa	William B Odegard Co	6504 Walker St, Minneapolis 27, Minn	
Kan	Jack M Gilbert Co	131 E. 70th St, Kansas City 13, Mo	DE3-8830
Md	Frank F Sahms	419 Twickenham Rd, Glenside, Pa	TU4-2559
Mich	H C Engelman Co	27050 Gratiot Ave, Roseville	PR8-5000
Minn	William B Odegard Co	6504 Walker St, Minneapolis 27, Minn	WE9-2226
Miss	C H Cloer & Associates	3272 Peachtree Rd, N.E., Atlanta 5, Ga	CE3-8981
Mo	Jack M Gilbert	131 E. 70th St, Kansas City 13, Mo	DE3-8830
Mont	Speedster Inc	1215 12th St, Denver 4, Colo	TA5-5345
Neb	Jack M Gilbert	131 E. 70th St, Kansas City 13, Mo	DE3-8830
NJ	Vulcan Electric Co	420 Lexington Ave, New York 17, NY	LE2-8876
NM	Speedster Inc	1215 12th St, Denver 4, Colo	TA5-5345
NY	The R F Lamb Co	3407 Delaware Ave, Buffalo 17	TR6-3757
NY	Vulcan Electric Co	420 Lexington Ave, New York 17, NY	LE2-8876
NY	P G Macneil	100 Wellwood Dr, Fayetteville, NY	NE7-9205
NC	D A Marsden	1331 S. Mint St, Charlotte, NC	FR5-5012
ND	William B Odegard Co	6504 Walker St, Minneapolis 27, Minn	WE9-2226
Okla	Jack M Gilbert	131 E. 70th St, Kansas City, Mo	DE3-8830
Pa	Frank F Sahms	419 Twickenham Rd, Glenside, Pa	TU4-2559
SC	D A Marsden	1331 S. Mint St, Charlotte, NC	FR5-5012
SD	William B Odegard Co	6504 Walker St, Minneapolis 27, Minn	WE9-2226
Tenn	C H Cloer & Associates	3272 Peachtree Rd, N.E., Atlanta 5, Ga	CE3-8981
Tex	Southwestern Controls	Box 22351, Houston 27	MO6-0386
Utah	Speedster Inc	1215 12th St, Denver 4, Colo	TA5-5345
Va	D A Marsden	1331 S. Mint St, Charlotte, NC	FR5-5012
Wash	J C McDougall Co	520 1st Ave, S., Seattle, Wash	MA7887
Wisc	William B Odegard Co	6504 Walker St, Minneapolis, Minn	WE9-2226
Wyo	Speedster Inc	1215 12th St, Denver 4, Colo	TA5-5345
For	D J Moore	Box 146, Wellesley 81, Mass	
	WAAGE ELECTRIC INC	**720 Colfax Ave, Kenilworth, NJ**	**CH5-9363**
	C Fronts #1 *17 B 820-1825		
Cal	Maddox Sales Co	124 E. 3rd St, Los Angeles, Cal	MA4-2366
Pa	Harry M Ball Associates	1326 Lancaster Ave, Philadelphia, Pa	BA2-7028
•	**WABASH MAGNETICS**	**Box 454, Wabash, Ind**	**1720**
	R Kelpper #15 *600 F 320		
Cal	Philip Heckendorn	803 Houseman St, La Canada, Cal	SY0-2869
DC	C P Skeens	P.O. Box 5516, Washington 16, DC	WH6-1512
Ill	H W McKown	245 Hampshire Ln, Crystal Lake, Ill	459-2235
NY	Martin P Andrews Inc	339 Mott Rd, Fayetteville, NY	NE7-6405
Ore	Richard Legg Co	1633 NW 21st Ave. Portland 9	CA3-9720
Pa	David Humes Jr	124 Lee Circle, Bryn Mawr, Pa	LA5-6469
Tex	Jack E White	5843 Willow Ln, Dallas 30, Tex	AD9-3404
	WABER ELECTRONICS INC	**Hancock & Sommerset, Phila 33, Pa**	**NE4-3200**
	I Weber #4 *82 B 45-55-60-110-190-320-375-385-525-670-895-990-1135-1150-1200-1315-1735-1800-1855		
Ark	Dick Bellew Sales Co	214 Melrose, El Dorado, Ark	UN3-0325
Cal	Irving Ballard Co., Inc	407 Sansome St, San Francisco 11, Cal	SU1-1781
Cal	Simonite-Lewis Associates	10623 Burbank Blvd, N Hollywood, Cal	TR7-1674
Colo	Vines & Co	P.O. Box 1025, Denver, Colo	TA5-4471
Conn	Sales Associates of New England	106 Woodlawn St, W Hartford, Conn	AD2-0119
Ill	Mike Bermann	4631 E. Prairie Rd, Skokie, Ill	OR5-3740
Ill	H W Kraggs Co	7503 Wellsdame, Belleville, Ill	CE1-1153
Mass	Sales Associates of New England	30 Chester St, Somerville, Mass	625-0317
Minn	Dick Swanson	2655 Brighton Ave NE, Mpls 18, Minn	ST9-5036
NY	Verter Sales Co	2362 E. 66th St, Brooklyn 34, NY	HI4-3880
NC	Min Co Sales Associates	3823 Randall Rd, Raleigh, NC	TE4-0938
Ohio	Midwest Sales Co	3219 W 117th St, Cleveland, Ohio	
Pa	George Hauptenschild	540 E. Godfrey Ave, Philadelphia 24, Pa	PI4-3847
Wash	Northwestern Sales Co	2206 11th W Seattle, Wash	AT2-4614
Wisc	Mike Bermann	4631 Prairie Rd, Skokie, Ill	OR5-3740
	WACLINE INC	**35 S. St. Clair St, Dayton 2, Ohio**	**BA8-5161**
	W Charbonneau #10 *100 E 35-360-895-1045-1135-1165-1595-1810		
Ariz	W G Herschen Co	4430 E Marion Way, Phoenix 18	WH6-7477
Cal	Tim-Co Sales	5845 Louise Ave, Van Nuys, Cal	DI4-7880
Cal	Long & Assoc	505 Middlefield Rd, Redwood City	EM9-3634
Del	Air-Marine, Inc	Commerce Bldg, Narberth, Pa	MO4-8116
DC	Electrical Mfrs Service	318 Mathieson Bldg, Baltimore, Md	
DC	Chuck McDonald	704 Cherrydale Dr, Lafayette Hill, Pa	LE9-2131
Fla	E C Raymond & Assoc	Box 8215, St Petersburg 8	
Fla	E C Raymond & Assoc	P.O. Box 606, Maitland	MI7-7830
Ill	Carlson Electronic Sales	6677 N Northwest Hwy, Chicago 31	SP4-0277
Ind	Lee Sales	4447 Needmore Rd, Dayton 24, Ohio	BE3-1526
Iowa	Forrestal-Young Sales Co	4057 Broadway, Kansas City, Mo	VA1-5300
Kan	Lawrence L Hill	1825 Garland Ave, Wichita, Kan	AM7-1863
Md	Electrical Mfrs Service	318 Mathieson Bldg, Baltimore 2, Md	LE9-2111
Mass	John J Goode Assoc	P.O. Box 175, Wellesley Hills 81	CE5-0882
Mich	Electro Rep	19901 Clairview Ct W, Detroit 36	TU1-1622
Minn	Lloyd F Murphy & Assoc	1940 Hennepin Ave, Mpls	FR4-2350
Mo	Lawrence L Hill	1825 Garland Ave, Wichita, Kan	
Mo	Forrestal-Young Sales Co	8147 Delmar, St Louis	PA5-7701
Neb	Forrestal-Young Sales Co	4057 Broadway, Kansas City, Mo	VA1-5300
NJ	Jack Miller Co	1 Continental Ave, Forest Hills, NY	
NJ	Air Marine Inc	Commerce Bldg, Narberth, Pa	
NY	Lenard Co	130 Burnet Ave, Syracuse 3	GR5-9191
NY	Jack Miller Co	1 Continental Ave, Forest Hills, NY	BO3-4446
ND	Lloyd F Murphy & Assoc	1940 Hennepin Ave, Mpls, Minn	FR4-2350

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ohio	Electro Rep	19901 Clairview Ct W, Detroit 36, Mich	TU1-1622
Okla	Lawrence L Hill	P.O. Box 1312, Wichita, Kan	AM7-1863
Ore	N R Schultz Co	4227 Airport Way, Seattle, Wash	
Pa	Lee Sales	4447 Needmore Rd, Dayton 24, Ohio	BE3-1526
Pa	Air Marine Inc	Commerce Bldg, Narberth, Pa	MO4-8116
SD	Lloyd F Murphy & Assoc	1940 Hennepin Ave, Mpls, Minn	FR4-2350
Tenn	E C Raymond & Assoc	Box 8215, St Petersburg, Fla	
Tex	Industrial Equipment Co	P.O. Box 9555, Houston 11	WA8-5431
Wash	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	MA4-8652
W Va	Chuck McDonald	704 Cherrydale Dr, Lafayette Hill, Pa	LE9-2131
Wis	Lloyd F Murphy & Assoc	1940 Hennepin Ave, Mpls, Minn	FR4-2350
Wis	Carlson Electronic Sales	6677 N NorthWest Hwy, Chicago 31, Ill	SP4-0277
	WADE ELECTRIC PRODUCTS CO	**400 Jacob St, Sturgis, Mich**	**OL1-3255**
	C Jorn #4 *125 D 1120-1125-1290-1630-1735-1780		
	WADSWORTH ELECTRIC MFG CO	**20 W. 11 St, Covington, Ky**	
	H Morrison 155-1735		
Cal	The Agencies Co	836 Traction Ave, Los Angeles 13, Cal	MA6-5443
Cal	Hodges & Clomb Inc	921 Bryant St, San Francisco 3, Cal	UN1-2867
Colo	L S Reed & Co	1018 Lawrence St, Denver 4, Colo	AL5-1777
Conn	J J O'Neill	Box 134, Branford, Conn	HU8-7077
Fla	James F Graff	1518 Chandler Ave, Clearwater	394154
Ga	Robert H Hansen	158 Cain St NW, Atlanta	MU8-3950
Ill	J J Smith	322 S. Jefferson St, Chicago 6, Ill	ST2-2370
Ind	A Lee Clifford & Co	1801 W. 16th St, Indianapolis 7, Ind	ME6-4449
Kan	G M Phillips	4815 W. 71st Terr, Prairie Village, Kan	HE2-8168
La	S M Redmann	643 N. Scott St, New Orleans, La	HU6-5421
Md	G H Wetzel	4A Old Station Rd, Severna Park, Md	EE41W
Mass	E R Heller	25 Wendell St, Boston 10, Mass	LI2-7313
Mich	E V Gallagher	236 Piquette St, Detroit 2, Mich	TR2-0777
Minn	C W Hendrix	1897 Holton Ave, St. Paul 13, Minn	MI5-2864
NY	Charles E Mc Kenna	5017 Broadway, New York 34	LO7-9700
NY	F W Laver	115 Arlington Rd, Utica 3, NY	RA4-2394
NC	J H Bowers	1846 N. Elm St, Greensboro, NC	BR5-2110
Ohio	F A Thoeny	1971 Alexandria, Highland Hghts, Ky	HI1-2610
Ohio	Robert H Browder	14580 Greystone Dr, Cleveland 30	BE4-9528
Okla	Wayne G Parker	222 W. B St, Jenks, Okla	SH9-5449
Ore	Bruce-Emmett Co	830 S.E. Alder St, Portland 14, Ore	BE2-8117
Pa	George Kristinich	241 Race St, Philadelphia, Pa	MA7-1164
Pa	A N Hyams	1725 Yorktown Pl, Pittsburgh, Pa	PE1-7190
Tex	Jack Morgan Co., The	2230 Griffin St, Dallas	RI7-4973
Wis	James A Cantrell	4638 N 59th St, Milwaukee 18	FL5-5650
	WAGNER ELECTRIC CORP	**6400 Plymouth Ave, St. Louis 33, Mo**	
	1165		
	WAH CHANG CORP	**233 Broadway, New York 7, NY**	**CO7-0887**
	K Li, Jr #60 *850 G 1125-1960		
	WAHLGREN MAGNETICS DIV MARSHALL INDUSTRIES	**1900 Walker Ave, Monrovia, Cal**	**EL9-8301**
	320-670-1855		
Ariz	G S Marshall Co	2065 Huntington Dr, San Marino, Cal	SY5-4304
Cal	G S Marshall Co	2065 Huntington Dr, San Marino, Cal	SY5-4304
NY	B B Taylor Co	2270 Grand Ave, Baldwin, NY	
Ohio	Sheridan Associates	Rosslawn Center Bldg, Cincinnati 37, Ohio	
Va	Instrument Associates	1315 Massachusetts Ave, Arlington, Mass	
	WALDEN ELECTRONICS CO	**1 Park Ave. Ext. Arlington 74, Mass**	**MI3-2529**
	W Booker #3 *7 A 330-895-1340		
Mass	Raytronics Inc	11 Brown Rd, Swampscott	LY2-7601
	WALDES KOHINOOR INC	**47-16 Austel Pl, Long Island City 1, NY**	**EX2-3100**
	645-1485-1825		
Ala	J O King Inc	1341 Spring St, N.W., Atlanta 9, Ga	TR5-7974
Ariz	Mel S Nielsen	423-27 E. 12 St, Los Angeles 15, Cal	RI9-8271
Ark	Benson Engrg Co	2514 W. Mockingbird Ln, Dallas, Tex	FL2-7541
Cal	Mel S Nielsen	423-427 E. 12 St, Los Angeles, Cal	RI9-8271
Cal	Paul W Vapnek	2270 N. Point, San Francisco 23, Cal	WA2-0721
Colo	Bearings Service & Supply Co	4433 Claude Ct, Denver 16, Colo	AC2-0991
Conn	John H DeBree	12 Andrews St, Bethel, Conn	PI3-5408
Del	Towle Ind. Co	402 Bethlehem Pike, Phila 18	AD3-2200
DC	Towle Ind. Co	402 Bethlehem Pike, Phila 18, Pa	AD3-2200
Fla	J O King Inc	1341 Spring St, N.W., Atlanta 9, Ga	TR5-7974
Ga	J O King Inc	1341 Spring St, N.W., Atlanta 9, Ga	TR5-7974
Idaho	Bearings Service & Supply Co	Airport Rd, Idaho Falls	JA2-1295
Ill	Ben Gerker Co	569 Melville, St. Louis 30, Mo	PA7-7550
Ill	Hammond & Metcalfe	30 N. Wacker Dr, Chicago 6, Ill	FI6-8774
Ind	Wellman Engineering	4618 Winthrop Ave, Indianapolis, Ind	AT3-9508
Ind	Hammond & Metcalfe	30 N. Wacker Dr, Chicago 6, Ill	FI6-8774
Iowa	W E Peterson	721-25 Ave, Moline, Ill	4-5956
Kan	Benson Engineering Co	2106 W. 75th, Prairie Village 15, Kan	EN2-2843
Ky	Gene Snodgrass	Box 194, Dayton 1, Ohio	BE3-4440
Ky	Ben Gerker Co	569 Melville, St. Louis 30, Mo	PA7-7550
La	Benson Engineering Co	2514 W. Mockingbird Ln, Dallas, Tex	FL2-7541
Me	Paul E Wolfe & Associates	483 Ridge View Rd, Orange, Conn	SY5-4343
Md	Towle Ind. Co	402 Bethlehem Pike, Phila 18, Pa	AD3-2200
Mass	Paul E Wolfe & Associates	483 Ridge View Rd, Orange, Conn	SY5-4343
Mich	John O'Shaughnessy	19954 Jas Couzens, Detroit 35, Mich	UN4-4919
Mich	Velie Sales Inc	6480 Wayzata Blvd, Minneapolis, Minn	LI5-2558
Minn	Velie Sales Inc	6480 Wayzata Blvd, Minneapolis 26	LI5-2558
Miss	J O King Inc	1341 Spring St, N.W., Atlanta 9, Ga	TR5-7974
Mo	Ben Gerker Co	569 Melville, St. Louis 30	PA7-7550
Mo	Benson Engineering Co	2106 W. 75th, Prairie Village, Kan	EN2-2843
Mont	Ind. Bearing Co	220 W. Alder St, Missoula	LI3-5175
Neb	Benson Engineering Co	2106 W. 75th, Prairie Village, Kan	EN2-2843
Nev	Mel S Nielsen	423-427 E. 12 St, Los Angeles 15, Cal	RI9-8271
NH	Paul E Wolfe & Associates	483 Ridge View Rd, Orange, Conn	SY5-4343
NJ	Franklin B Parker	25 Woodland Ave, Bronxville, NY	DE7-6057
NJ	Towle Ind. Co	402 Bethlehem Pike, Phila 18, Pa	AD3-2200
NM	Mel S Nielsen	423-427 E. 12 St, Los Angeles 15, Cal	RI9-8271
NY	John H DeBree	12 Andrews St, Bethel, Conn	PI3-5408
NY	Franklin B Parker	25 Woodland Ave, Bronxville, NY	DE7-6057
NY	Thomas G Kolles	32 Shefbrooke Rd, Yonkers	OV2-5971

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
NC	J O King Inc	1341 Spring St, N.W., Atlanta 9, Ga	TR5-7974
ND	Velie Sales Inc	6480 Wayzata Blvd, Minneapolis 26, Minn	LI5-2558
Ohio	John A Pethie	5767 Mayfield Rd, Cleveland 24, Ohio	HI2-6530
Ohio	John A Pethie	5767 Mayfield Rd, Cleve 24	HI2-6530
Ohio	Gene Snodgrass	Box 194, Dayton 1	BE3-4440
Okla	Benson Engineering Co	2514 W. Mockingbird Ln, Dallas 35, Tex	FL2-7541
Ore	Paul W Vapnek	2270 N. Point, San Francisco 23, Cal	WA2-0721
Pa	John A Pethie	5767 Mayfield Rd, Cleveland 24, Ohio	HI2-6530
Pa	Towle Ind. Co	402 Bethlehem Pike, Phila 18	AD3-2200
RI	Paul E Wolfe & Associates	483 Ridge View Rd, Orange, Conn	SY5-4343
SC	J O King Inc	1341 Spring St, N.W., Atlanta 9, Ga	TR5-7974
SD	Velie Sales Inc	6480 Wayzata Blvd, Minneapolis 26, Minn	LI5-2558
Tenn	J O King Inc	1341 Spring St, N.W., Atlanta 9, Ga	TR5-7974
Tex	Benson Engineering Co	2514 W. Mockingbird Ln, Dallas 35, Tex	FL2-7541
Utah	Bearings Service & Supply Co	1207 S. Main St, Salt Lake City 15, Utah	DA2-3621
Vt	John H DeBree	12 Andrews St, Bethel, Conn	PI3-5408
Va	Towle Ind. Co	402 Bethlehem Pike, Phila 18, Pa	AD3-2200
Wash	Paul W Vapnek	2270 N. Point, San Francisco 23, Cal	WA2-0721
W Va	Towle Ind. Co	402 Bethlehem Pike, Phila 18, Pa	AD3-2200
Wis	Hammond & Metcalfe	Box 1414, Milwaukee	ED3-4056
Wisc	Velie Sales Inc	6480 Wayzata Blvd, Minneapolis 26, Minn	LI5-2558
Wyo	Bearings Service & Supply Co	4433 Claude Ct, Denver 16, Colo	AC2-0991
Foreign	C Schiffer	Wachaurbstr 6, Amsterdam Z, Holland	
Foreign	F Peter & Co	Zurich, Zollstr 14, Switzerland	
	WALDOM ELECTRONICS INC	**4621 W. 53 St, Chicago 32, Ill**	**LU5-1212**
	H Prince #2 *75 D 125-180-225-285-320-345-375-480-535-580-605-645-770-790-845-895-903-960-970-1055-1190-1205-1245-1295-1315-1320-1325-1535-1630-1780-1785-1940		
Ala	Fred Wemble Sales Co	3057 Sherwood Dr, Montgomery 9, Ala	AM2-2573
Cal	Unger Sales Associates	5925 Venice Blvd, Los Angeles 34, Cal	UP0-6116
Cal	Sinai-Johnson Inc	845 Jessie St, SF	UN1-8259
Colo	Commins Inc	5403 E. Evans St, Denver 22	SK6-8417
Fla	F Wemble Sales Co	2727 Aloma Ave, Winter Park	MI7-4697
Ill	Ellinger Sales Corp	6540 Northwest Hwy, Chicago 31, Ill	RO3-2570
Ky	Delta Sales Inc	1126 Broad Fields Dr, Louisville 7	TW3-7609
Mass	L B Cole & Co	2300 Washington St, Newton Lower Falls	DE3-2490
Md	Eberle-Scheer Co	425 Stratford Rd, Baltimore 28, Md	RI7-3227
Minn	Clark F Gibb Co	2430 Hennepin Ave, Minneapolis 5, Minn	FR7-1300
NM	Commins Inc	1009 San Mateo Blvd, Albuquerque	268-8156
NY	J C Schreiter	109 Easton Ave, Buffalo	TX3-8950
NY	Jerry Kirshbaum Co	1533 Peninsula Blvd, Hewlett, NY	FR4-0111
Ohio	C L Pugh Co	2144 Riverside Dr, Columbus, Ohio	HU8-4855
Ore	R McMinthere Co	3673 SW. Taylor's Ferry Rd, Portland 19	CH6-4536
Tex	M F Klicpera Co	1201 Castle, Dallas 8	RI2-2516
Tex	M F Klicpera Co	Box 2123, Houston 1, Tex	JA3-8489
Foreign	Roburn Agencies Inc	431 Greenwich St, New York 13, NY	WO6-2130
•	**WALES STRIPPIT INC. UNIT HOUDAILLE IND. INC**	**Akron, NY**	**LN2-5441**
	N Weyland #90-1075		
Ala	Wales Strippit Inc	109 E. Pine St, Orlando, Fla	CH1-3163
Ariz	Wales Strippit Inc	6440 E. Corvette St, Los Angeles 22, Cal	OV5-8250
Ark	Wales Strippit Inc	Box 6126, Pine St, Sta. Tulsa, Okla	LU2-0823
Cal	Wales Strippit Inc	634 Polk St, San Francisco, Cal	OR3-8866
Cal	Wales Strippit Inc	6440 E. Corvette St, Los Angeles 22, Cal	OV5-8250
Colo	Wales Strippit Inc	634 Polk St, San Francisco, Cal	OR3-8866
Conn	Wales Strippit Inc	111 Pearl St, Hartford, Conn	CH7-8278
DC	Wales Strippit Inc	38 Maplewood Ave, Philadelphia 44, Pa	GE8-7673
Del	Wales Strippit Inc	38 Maplewood Ave, Philadelphia 44, Pa	GE8-7673
Fla	Wales Strippit Inc	109 E. Pine St, Orlando, Fla	CH1-3163
Ga	Wales Strippit Inc	90 Forsyth St, Atlanta	JA5-2247
Idaho	Wales Strippit Inc	301 Jones Bldg, Seattle 11, Wash	MA3-8308
Ill	Wales Strippit Inc	408 W. Madison St, Oak Park, Ill	VI8-3800
Ill	Wales Strippit Inc	34 N. Brentwood Blvd, Clayton 5, Mo	PA5-2505
Ind	Wales Strippit Inc	408 W. Madison St, Oak Park, Ill	VI8-3800
Ind	Wales Strippit Inc	132 E. 30th St, Indianapolis, Ind	WA6-9660
Iowa	Wales Strippit Inc	611 Kahl Bldg, Davenport	326-2721
Kan	Wales Strippit Inc	Box 6126, Pine St, Sta. Tulsa, Okla	LU2-0823
Ky	Wales Strippit Inc	432 Walnut St, Cincinnati, Ohio	GA1-1931
Ky	Wales Strippit Inc	132 E. 30th St, Indianapolis, Ind	WA6-9660
La	Wales Strippit Inc	1414 Electric Bldg, Ft Worth, Tex	ED6-2997
Me	Wales Strippit Inc	419 Boylston St, Boston, Mass	KE6-3194
Md	Wales Strippit Inc	38 Maplewood Ave, Philadelphia 44, Pa	GE8-7673
Mass	Wales Strippit Inc	419 Boylston St, Boston, Mass	KE6-3194
Miss	Wales Strippit Inc	111 Pearl St, Hartford, Conn	CH7-8278
Mich	Wales Strippit Inc	3049 Grand Blvd, Detroit 2, Mich	TR5-0740
Mich	Wales Strippit Inc	408 W. Madison St, Oak Park, Ill	VI8-3800
Minn	Wales Strippit Inc	210 S. 5th St, Minneapolis, Minn	FE6-7404
Miss	Wales Strippit Inc	109 E. Pine St, Orlando, Fla	CH1-3163
Mo	Wales Strippit Inc	34 N. Brentwood Blvd, Clayton 5, Mo	PA5-2505
Mont	Wales Strippit Inc	301 Jones Bldg, Seattle 11, Wash	MA3-8308
Neb	Wales Strippit Inc	611 Kahl Bldg, Davenport, Iowa	326-2721
Nev	Wales Strippit Inc	634 Polk St, San Francisco, Cal	OR3-8866
NH	Wales Strippit Inc	419 Boylston St, Boston, Mass	KE6-3194
NJ	Wales Strippit Inc	17 William St, Newark	MA4-4750
NJ	Wales Strippit Inc	38 Maplewood Ave, Philadelphia 44, Pa	GE8-7673
NM	Wales Strippit Inc	1414 Electric Bldg, Ft Worth, Tex	ED6-2997
NY	Wales Strippit Inc	517 E. Delavan Ave, Buffalo 11	TX2-9844
NY	Wales Strippit Inc	66 Willoughby St, Brooklyn, NY	UL5-7885
NY	Wales Strippit Inc	111 Pearl St, Hartford, Conn	CH7-8278
NC	Wales Strippit Inc	90 Forsyth St, Atlanta, Ga	JA5-2247
ND	Wales Strippit Inc	210 S. 5th St, Minneapolis, Minn	FE6-7404
Ohio	Wales Strippit Inc	1296 Hayden Ave, Cleve 12	GL1-1892
Ohio	Wales Strippit Inc	432 Walnut St, Cincinnati, Ohio	GA1-1931
Okla	Wales Strippit Inc	Box 6126, Pine St, Sta. Tulsa	LU2-0823
Ore	Wales Strippit Inc	301 Jones Bldg, Seattle 11, Wash	MA3-8308
Pa	Wales Strippit Inc	38 Maplewood Ave, Philadelphia 44, Pa	GE8-7673
Pa	Wales Strippit Inc	500-4th Ave, Pittsburgh 19, Pa	CO1-4853
RI	Wales Strippit Inc	419 Boylston St, Boston, Mass	KE6-3194
SC	Wales Strippit Inc	90 Forsyth St, Atlanta, Ga	JA5-2247
SD	Wales Strippit Inc	210 S. 5th St, Minneapolis, Minn	FE6-7404
Tenn	Wales Strippit Inc	109 E. Pine St, Orlando, Fla	CH1-3163
Tenn	Wales Strippit Inc	90 Forsyth St, Atlanta, Ga	JA5-2247
Tex	Wales Strippit Inc	1414 Electric Bldg, Ft Worth, Tex	ED6-2997
Utah	Wales Strippit Inc	634 Polk St, San Francisco, Cal	OR3-8866
Vt	Wales Strippit Inc	111 Pearl St, Hartford, Conn	CH7-8278

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Pa	Wales Strippit Inc	[illegible] Ave, Philadelphia 44, Pa	GE3-7673
Wash	Wales Strippit Inc	101 Jones Bldg, Seattle 11, Wash	MA3-8306
W. Va	Wales Strippit Inc	432 Walnut St, Cincinnati, Ohio	GA1-1931
Wisc	Wales Strippit Inc	2333 W. Wells St, Milwaukee 3, Wisc	WE3-0858
Wisc	Wales Strippit Inc	210 S. 5th St, Minneapolis, Minn	FE6-7404
Wyo	Wales Strippit Inc	101 Jones Bldg, Seattle 11, Wash	MA3-8306
For	Presses Raskin, S A	Blvd. de Grancy 37, Lausanne, Switz	
For	Kearney & Trecker CVA Ltd	Portland Rd. Hove 3, Sussex, Eng	
For	E H Jones (Mach Tools) Ltd	Garanbals Hse, Portland Rd. Hove 3, Sussex, Eng	

• **WALKER CO. GEORGE** — 118 Amsterdam Ave, Passaic, NJ
1465

WALKIRT CO — 141 W. Hazel, Inglewood, Cal — ORB-4814
W Kirchoff #5 *40 E 330-338-345-585-895-1150-1155-1725-1810

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ariz	Weston Sales & Engineering	7407 Melrose, Los Angeles 46, Cal	
Ark	Airep Engineering Co	P.O. Box 9555, Dallas 14, Tex	
Cal	Weston Sales & Engineering	7407 Melrose, Los Angeles 46, Cal	
Colo	Vinson Associates	3600 S. Lincoln, Englewood, Colo	
Del	F D Marcy Associates	1180 Raymond Blvd, Newark, NJ	
DC	F D Marcy Associates	1180 Raymond Blvd, Newark, NJ	
Ill	Dave Hausten & Co	607 E Willow Ave. Wheaton	
Ind	Willard Spenser Co	20144 Livernois, Detroit 21, Mich	
Iowa	Dave Hausten & Co	607 E Willow Ave. Wheaton, Ill	
La	Airep Engineering Co	P.O. Box 9555, Dallas 14, Tex	
Me	William Richter Corp	645 E. Washington St, Hanson, Mass	
Md	F D Marcy Associates	1180 Raymond Blvd, Newark, NJ	
Mass	William Richter Corp	645 E. Washington St, Hanson, Mass	
Mich	Willard Spenser Co	20144 Livernois, Detroit 21, Mich	
Nev	Weston Sales & Engineering	7407 Melrose, Los Angeles 46, Cal	
NH	William Richter Co	645 E. Washington St, Hanson, Mass	
NJ	F D Marcy Associates	1180 Raymond Blvd, Newark, NJ	
NM	Vinson Associates	3600 S. Lincoln, Englewood, Colo	
NY	William Richter Corp	107 Dulaney Terr, S., North Syracuse, NY	
NY	William Richter Corp	790 Linden Ave, Rochester 10, NY	
Ohio	Willard Spenser Co	20144 Livernois, Detroit 21, Mich	
Okla	Airep Engineering Co	P.O. Box 9555, Dallas 14, Tex	
Pa	F D Marcy Associates	1180 Raymond Blvd, Newark, NJ	
RI	William Richter Corp	645 E. Washington St, Hanson, Mass	
Tex	Airep Engineering Co	P.O. Box 9555, Dallas 14, Tex	
Vt	William Richter Corp	645 E. Washington St, Hanson, Mass	
Va	F D Marcy Associates	1180 Raymond Blvd, Newark, NJ	
Wis	Dave Hausten & Co	607 E Willow Ave. Wheaton, Ill	
Wyo	Vinson Associates	3600 S. Lincoln, Englewood, Colo	

WALL MFG CO., P — Erie St, Grove City, Pa — GR910
M Silverman #3 *125 E 1825

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ariz	Perlmuth Electronic Associates	5057 W. Washington Blvd, L A, Cal	WE1-1041
Cal	Perlmuth Electronic Associates	5057 W. Washington Blvd, Los Angeles	WE1-1041
Colo	Ralph Stevenson	2045 Walker Ln, Salt Lake City, Utah	
Conn	Chas Segel Co	1262 Comm Ave, Boston, Mass	BE2-4334
DC	Geo J [illegible]	1717 Penna Ave. NW, Wash	ST3-2450
Fla	Wm F Hemminger Co	624 NE 79th St. Miami	PL9-0300
Ill	Jess Irskell Assoc	202 N Marion Ave. Oak Park	EU6-8559
Ind	Walter Bieberich & Sons	2817 Plaza Dr, Ft Wayne, Ind	KE2928
Iowa	W A Miller	1055 37th St. Des Moines	BL5-1645
Ken	McDowell-Redlingshafer	1112 E Armour St. Kansas City, Mo	WE1-5622
Mass	Irving Gerber Assoc	49 Pearl St. Brookline	BE2-2425
Mich	Chas Michaels	6460 Thurber, Birmingham	MA6-1676
Minn	L H Josephson Assoc	402 [illegible] Ln. Hopkins	
Mo	McDowell-Redlingshafer	1112 E Armour St. Kansas City	WE1-5622
NJ	Norman Hittman	182 Myrtle Ave. Fort Lee	WI7-4626
NY	Steve Fisher	800 Greenwood Ave. Brooklyn	CH2-5825
NY	Steve Fisher Sales Co	800 Greenwood Ave. Brooklyn, NY	CH2-5825
Ohio	Merv Emerling	2174 Lee Rd. Cleveland	SW1-1949
Okla	Gordon Peck Co	321 S Allegheny St. Tulsa	
Ore	Dale G Weber Co	8 S.E. Clay St, Portland 14, Ore	BE4-7671
Pa	Herman Lewis Co	1622-68 Ave, Philadelphia, Pa	LI8-1281
Pa	Jim [illegible]	3312 Penn Ave. Pittsburgh	HI1-8000
Tenn	Dixie Electronics Assoc	601 N Gallatin Rd. Madison	TW5-5666
Tex	Gordon V Peck Co	130 Casa Linda Plaza, Dallas 16, Tex	DA1-6579
Utah	Ralph Stevenson	2045 Walker Ln, Salt Lake City, Utah	
Wash	Dale G Weber Co	8 S.E. Clay St, Portland 14, Ore	BE4-7671
Wis	Chas [illegible]	1520 E Fairy Chasm Rd. Milwaukee	
Canada	Jewel Sales Co	9 Brodie Ave, Montreal, Quebec, Canada	PL6666
For	E D Magnus Assoc	188 W Randolph St. Chicago, Ill	FR2-8785
Foreign	E D Magnus & Associates	188 W. Randolph St, Chicago, Ill	FR2-8785

WALLACE & TIERNAN INC — 25 Main St, Belleville 9, NJ — PL9-8000
G 360-685-895-1375

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	O J [illegible]	2180 Palou Ave, San Francisco 24, Cal	MI7-7165
Cal	[illegible]	1713 S. California Ave, Monrovia, Cal	EL8-1838
Colo	J H [illegible]	3595 E. Colfax Ave, Denver 6, Colo	EA2-5456
DC	A P [illegible]	4630 Montgomery Ave, Bethesda, Md	OL6-8626
Fla	J R [illegible]	411 1st Fed Svgs Bldg, Jacksonville	EL3-0373
Ga	M E [illegible]	1841-R [illegible] Rd, N.E., Atlanta	TR6-4431
Ill	C C [illegible]	1229 W. Washington Blvd, Chicago 7, Ill	CA6-3220
Ind	E F [illegible]	Box [illegible], Indianapolis [illegible], Ind	CL5-1591
Mich	J S Perry	14725 Schaefer, Detroit 27, Mich	BR2-0307
Minn	W J [illegible]	[illegible] & [illegible], Minneapolis [illegible], Minn	WE9-1521
Mo	[illegible]	7313 Hampton Ave, St. Louis [illegible], Mo	MI7-3215
Mo	F A Martin	2600 Cherry St, Kansas City 8, Mo	VA1-5438
NY	M A [illegible]	Box [illegible], Latham, NY	ST5-7292
NY	R E [illegible]	3497 Delaware Ave, Kenmore 17, NY	DE3044
NC	J H [illegible]	Box 4295, Charlotte 4, NC	ED4-4395
Ohio	B J [illegible]	4279 W. 150th St, Cleveland 35, Ohio	CL2-5654
Ore	C E [illegible]	921 S.W. Washington St, Portland 5, Ore	CA?-7180
Pa	J M Van [illegible]	300 Mt. Lebanon Blvd, Pittsburgh 34, Pa	LO3-2800
Pa	H B Snyder	Valley Forge Center, King of Prussia	BR5-5493
Tenn	G R [illegible]	P.O. Box 10087, Knoxville 19, Tenn	KN5-5149
Tex	F H [illegible]	5610 Dyer St, Dallas 6, Tex	EM8-5371
Tex	H C Young	3491 W. Holcombe Blvd, Houston 25, Tex	MO7-7531
Va	J P Kavanagh	213 Carlton Terrace Bldg, Roanoke 11	DI4-3011
Wash	R T Smith	2316 Western Ave, Seattle 1, Wash	MA2-2545
Can	Wallace & Tiernan Ltd	925 Warden Ave, Scarborough, Ont	PL5-2251

WALLIN OPTICAL SYSTEMS INC — 18670 Ventura Blvd, Tarzana, Cal — DI5-6678
885-995-1015

WALLINGFORD STEEL CO — Valley St, Wallingford, Conn — CO9-3361
G Cleborne #10 *560 G 1125-1885

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	The Wallingford Steel Co	2403A W. Magnolia Blvd, Burbank, Cal	VI9-5458
Ga	A R Larson	311 Crockett Dr. Marietta	427-1542
Ill	Charles G Stevens Co	29 S Jefferson St. Chicago	FR2-7060
Mass	Wallingford Steel Co	20 Providence St, Boston, Mass	HA6-7558
Mich	Wallingford Steel Co	16115 Myers Rd, Detroit, Mich	DI1-1141
Minn	Ladky Assoc of Minnesota	6524 W Walker St. Mpls	WE9-5161
NY	Wallingford Steel Co	7 E. 44th St, New York 17, NY	MU7-8647
NY	Eastern Metals Warehouse, Inc	PO Box 916, Albany 1	IV9-3281
NY	Brace-Mueller-Huntley, Inc	PO Box 136, Buffalo 5	VI8700
NY	Brace-Mueller-Huntley, Inc	PO Box 104, Rochester 1	CO6-6560
NY	Brace-Mueller-Huntley, Inc	PO Box 1340, Syracuse 1	HO3-3341
Ohio	Wallingford Steel Co., The	6184 McVey Blvd. Worthington	TU5-7159
Wis	Frank W Ladky Assoc	4604 N Wilson Dr. Milwaukee	WO2-2942

• **WALLSON ASSOCIATES INC** — 912 Westfield Ave, Elizabeth, NJ — FL1-0700
338-360-875-1135-1340-1385-1455

WALSCO ELECTRONICS MFG CO DIV TEXTRON ELECTRONICS — 400 S. Wyman St, Rockford, Ill — WO8-9661
C Muelhaupt 25-30-45-320-345-385-770-790-905-925-965-1135-1205-1290-1315-1475-1690-1715-1735-1825-1855-1930

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	C Adair Co	1882 Silvastone Dr. Decatur, Ga	443-4321
Alas	G O (Jud) Le Brun	1906 NE 57th Ave. Portland, Ore	AT8-3142
Ariz	J Carter Assoc	336 La Brea, LA 6, Cal	DU9-3173
Ark	Tamsco Sales	4924 Lochinvar, Memphis 16, Tenn	EX8-2014
Cal	J Carter Assoc	336 LaBrea, LA 6	DU9-3173
Cal	Mayer & Ross	113-10th St, San Francisco 3, Cal	HE1-0652
Colo	W B Gollihar	1559 Chester St, Aurora, Colo	EM6-0208
Conn	Wm A Hendrickson Co	291-1st Parish Rd, Scituate, Mass	LI5-0652
Del	Charles W Lienau Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
DC	Charles W Lienau Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
Fla	Winfield Electronic Sales	666 NE 125th St. N Miami	PL1-5566
Ga	C Adair Co	1882 Silvastone Dr. Decatur	443-4321
Hawaii	Jim Hastin	235 Cooke St, Honolulu, Hawaii	511-755
Idaho	W B Gollihar	1559 Chester St, Aurora, Colo	EM6-0208
Ill	Theodore B Lowell & Associates	Box 26, Creve Coeur Br, St. Louis 41, Mo	MI7-1111
Ill	Markal Sales	2639 W. Peterson, Chicago 45	LO1-7290
Ind	Joe Clancy & Co, Inc	P.O. Box 269, Angola, Ind	AN793-X
Iowa	T B Lowell & Assoc	Box 26, Creve Coeur Br. St. Louis, Mo	MI7-1111
Kan	Theodore B Lowell & Associates	Box 26, Creve Coeur Br, St. Louis 41, Mo	MI7-1111
Ky	Joe Clancy & Co	P.O. Box 269, Angola, Ind	AN793X
La	Tamsco Sales	4924 Lochinvar, Memphis 16, Tenn	EX8-2014
Me	Wm A Hendrickson Co	291-1st Parish Rd, Scituate, Mass	LI5-0652
Md	Charles W Lienau Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
Mass	William A Hendrickson Co	291 1st Parish Rd, Scituate, Mass	LI5-0652
Mich	Markal Sales	2639 W. Peterson, Chicago 45	LO1-7290
Minn	P A Ayiward	3807 Grand Ave. Mpls	TA4-6266
Miss	Tamsco Sales	4924 Lochinvar, Memphis 16, Tenn	EX8-2014
Mo	Theodore B Lowell & Associates	Box 26 Creve Coeur Br, St. Louis 41, Mo	MI7-1111
Mont	G O (Jud) Le Brun	1906 NE 57th Ave. Portland, Ore	AT8-3142
Mont	W B Gollihar	1559 Chester St, Aurora, Colo	EM6-0208
Neb	Ted B Lowell & Assoc	Box 26, Creve Coeur Br, St Louis 41, Ill	MI7-1111
Neb	W B Gollihar	1559 Chester St, Aurora, Colo	EM6-0208
Nev	Mayer & Ross	113-10th St, San Fran 3, Cal	HE1-0652
Nev	J Carter	336 La Brea, LA, Cal	DU9-3173
NH	Wm A Hendrickson Co	291-1st Parish Rd, Scituate, Mass	LI5-0652
NJ	Erde-Havilland Associates	271 Hempstead Ave, Malverne, NY	LY9-6500
NJ	Charles W Lienau Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
NM	W B Gollihar	1559 Chester St, Aurora, Colo	EM6-0208
NY	Erde-Havilland Associates	271 Hempstead Ave, Malverne, NY	LY9-6500
NY	Paston-Hunter Co	3307 Erie Blvd, E. Syracuse 14, NY	GI6-2180
NC	C Adair Co	1882 Silvastone Dr. Decatur, Ga	443-4321
ND	Pat Aylward	3807 Grand, Mpls. Minn	TA4-6266
Ohio	Joe Clancy & Co	P.O. Box 269, Angola, Ind	AN793X
Ore	G O (Jud) Le Brun	1906 NE 57th Ave. Portland	AT8-3142
Pa	Chas Lienau Co	9427 Georgia Ave. Silver Springs, Md	JU7-5888
Pa	Bernard Newman Sales	86 Pilgrim Rd. Carnegie	BR9-3869
RI	Wm A Hendrickson Co	291-1st Parish Rd, Scituate, Mass	LI5-0652
SC	Clark Adair Co	1882 Silvastone Dr. Decatur, Ga	443-4321
SD	Pat Aylward	3807 Grand, Mpls. Minn	TA4-6266
Tenn	Clark Adair Co	1882 Silvastone Dr. Decatur, Ga	443-4321
Tenn	Tamsco Sales	4924 Lochinvar, Memphis	EX8-2014
Utah	W B Gollihar	1559 Chester St, Aurora, Colo	EM6-0208
Vt	Wm A Hendrickson Co	291-1st Parish Rd, Scituate, Mass	LI5-0652
Va	Charles W Lienau Co	9427 Georgia Ave, Silver Spring, Md	JU7-5888
Wash	G O (Jud) Le Brun	1906 NE 57th Ave. Portland, Ore	AT8-3142
W Va	Newman Sales	86 Pilgrim Rd. Carnegie, Penn	BR9-3869
Wis	Pat Aylward	3807 Grand, Mpls. Minn	TA4-6266
Wis	Pat Aylward	2639 W. Peterson, Chicago, Ill	LO1-7290
Wyo	W B Gollihar	1559 Chester St, Aurora, Colo	EM6-0208
Canada	Atlas Radio Corp Ltd	50 Wingold Ave, Toronto 19, Ont, Canada	RU1-6174
Foreign	Comet Corp	540 Lake Shore Dr, Chicago 11, Ill	DE7-2292

WALTHAM ELECTRONICS CORP — 751 Main St. Waltham 54, Mass — TW4-7810
D Pollock #6 *15 C 50-325-450-895-1045-1850

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Cal	R W Thompson & Assoc	814 N. San Antonio Rd. Palo Alto	DA1-6383
Colo	Hyde Electronic Sales Co	[illegible] Lipan St, Denver [illegible], Colo	WE6-3456
NM	Hyde Electronics Co	[illegible] Constitution Ave, N.E., Albuquerque	AM5-1111
Ohio	Frederic L Ohmer & Assoc	489 Jennie Lane, Kettering Br, Dayton	AX3-4530
Utah	Hyde Electronic Sales Co	[illegible] Connor St, Salt Lake City [illegible], Utah	IN7-5763
Canada	Conway Electronic Enterprises	1514 Eglinton Ave, W., Toronto 10, Can	RU3-6576
For	Rocke Intl. Corp	13 E. 40th St, NY 16, NY	MU5-0200

WALTHAM PRECISION INSTRUMENT CO — 221 Crescent St, Waltham, Mass — TW3-4000
F Bermann 25-[illegible]-1165-1205-1690-1725-1810-1960

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Wyborny Sales Co	Merchandise Mart Bldg, Dallas 1, Tex	RI8-6139
Alaska	M H D Research Inc	1571 Placentia Ave, Newport Beach, Cal	MI6-3444
Ariz	M H D Research Inc	1571 Placentia Ave, Newport Beach, Cal	MI6-3444
Ariz	R C Dudek & Co	407 N. Maple Dr, Beverly Hills, Cal	BR2-8097
Cal	Gary Gaillard	201 Town & Country Village, Palo Alto	DA6-6342
Cal	M H D Research Inc	1571 Placentia Ave, Newport Beach, Cal	MI6-3444
Cal	R C Dudek & Co	407 N. Maple Dr, Beverly Hills, Cal	BR2-8097
Colo	Landes, Zachary & Peterson Co	[illegible] S Jason St. Denver 23	SH4-1311
Del	Emlen-Peterson Co	304 King of Prussia Rd, Radnor, Pa	MU8-0151
Fla	R F Willett	1437 Old Oak Dr. Clearwater	JU4-3460
Fla	Wm F Hemminger Co	624 N. E. 79th St, Miami, Fla	PL9-0300
Iowa	Associated Industries Inc	1752 Rainier Ave, Seattle, Wash	EA5-4400
Kan	Emlen-Peterson Co	King of Prussia Rd. Radnor, Pa	MU8-0151
Md	Emlen-Peterson Co	304 King of Prussia Rd, Radnor, Pa	MU8-0151
Mo	Associated Industries Inc	455 S. Washington St, Wichita, Kan	HO4-0391
Mont	M H D Research Inc	1571 Placentia Ave, Newport Beach, Cal	MI6-3444
Neb	Associated Industries Inc	455 S. Washington St, Wichita, Kan	HO4-0391
Nev	M H D Research Inc	1571 Placentia Ave, Newport Beach, Cal	MI6-3444
NJ	Emlen-Peterson Co	304 King of Prussia Rd, Radnor, Pa	MU8-0151
Ohio	F L Ohmer Assocs	Box 2013, Kettering Br. Dayton 29	
Tex	Wyborny Sales Co	400 Merchandise Mart Bldg, Dallas 1, Tex	RI8-6139
Wash	Associated Industries, Inc	1752 Rainier Ave. Seattle	EA5-4400
Wash	Associated Industries, Inc	455 S Washington St. Wichita, Kan	HO4-0391
Can	D T Shaw Co	2340 Lucerne Rd. Montreal 16, PQ	RI8-7010
For	S Smith & Sons (Aust) Pty. Ltd	46-52 Ferndell St. Guildford, NSW, Aust	

WANG LABORATORIES INC — 12 Huron Dr, Natick, Mass — OL3-3910
F Gosnell #3 *15 C 338-150-325-360-380-895-955-1150-1340

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ariz	Milwin Associates	4725 Van Alden, Tarzana, Cal	DI2-4525
Ark	N S Brown Associates	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Cal	Milwin Associates	4725 Van Alden, Tarzana, Cal	DI2-4525
Kan	N S Brown Associates	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
Mich	Gaine Engineering	1474 E Outer Dr, Detroit 34, Mich	FO6-5353
Mo	N S Brown Associates	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698
NJ	Crane & Egert Corp	97 Reade St, NY 13, NY	WO4-0996
NY	Crane & Egert Corp	97 Reade St, NY 13, NY	WO4-0996
Ohio	Gaine Engineering	29803 Bruce Dr, Willowick, Ohio	WH3-3731
Okla	N S Brown Associates	5852 Boca Raton Dr, Dallas 30, Tex	
Pa	Crane & Egert Corp	97 Reade St, NY 13, NY	PE5-3520
Tex	N S Brown Associates	5852 Boca Raton Dr, Dallas 30, Tex	EM3-3698

WARCO INDUSTRIES INC — 569 Melville Ave. St. Louis 30, Mo — PA6-2511
J White #2 *30 C 1460

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Applebee-Church Inc	1958A Monroe Dr, Atlanta 9, Ga	TR5-7244
Ariz	R E Cathey Co	1026 Mildred, Albuquerque, NM	DI4-6247
Ark	Harold Furtney Co	Box 7081, Brookside Sta, Tulsa 5	RI7-6490
Cal	[illegible] Electronic Associates	P.O. Box 45734, Westchester Sta, L A 45	OR8-0151
Colo	R E Cathey Co	1700 Fulton St. Denver 8	FR7-3740
Del	Billis Sales Co	50 Ballad Ln, Levittown, NJ	TR7-3417
DC	Billis Sales Co	50 Ballad Ln, Levittown, NJ	TR7-3417
Fla	J J Gallimer Co	Box 1376, Clearwater	446-7706
Ga	Applebee-Church Inc	1958A Monroe Dr, N.E., Atlanta 9, Ga	TR5-7244
Idah	R E Cathey Co	4674 Antlor Dr. Salt Lake City 17, Utah	CR8-9023
Ill	Wells-White Co	569 Melville Ave. St. Louis 39, Mo	PA6-2511
Ind	Neal Engineering Co	909 E. 38th St, Indianapolis 9, Ind	WA5-0125
Kan	Wells-White Co	569 Melville Ave. St. Louis 30, Mo	PA6-2511
Ky	Neal Engineering Co	909 E. 38th St, Indianapolis 9, Ind	WA5-0125
Md	Billis Sales Co	50 Ballad Ln, Levittown, NJ	TR7-3417
Mich	Robert H Jackson	[illegible] Ludlow, Huntington Woods, Mich	LI2-5059
Miss	Applebee-Church Inc	1958A Monroe Dr, N.E. Atlanta 9, Ga	TR5-7244
Mo	Wells-White Co	569 Melville, St. Louis 30	PA6-2511
Mont	R E Cathey Co	1700 Fulton St. Denver 8, Colo	FR7-3740
Nev	R E Cathey Co	4674 Antlor Dr, Salt Lake City 17, Utah	CR8-9023
NJ	Billis Sales Co	50 Ballad Ln, Levittown, NJ	TR7-3417
NM	R E Cathey Co	1026 Mildred NW Albuquerque	DI4-6247
NY	D C Carbone	11 Meadow Dr. Little Falls, NJ	CL6-1808
NY	Robert C Foster	Box 1081, Rochester 3	GR3-1270
Ohio	Neal Engineering Co	51 Park Ave, Dayton 19, Ohio	AX3-1506
Ohio	Creativeering Inc	616 12th St, N. W. Canton 3, Ohio	HY9-3406
Okla	Harold Furtney Co	Box 7081, Tulsa 5	RI7-6490
Pa	Billis Sales Co	50 Ballad Ln, Levittown, NJ	TR7-3417
Pa	Creativeering Inc	616 12th St, N.W. Canton 3, Ohio	HY9-3406
SC	Applebee Church Inc	1958-A Monroe Dr, N.E. Atlanta 9, Ga	TR5-7244
Tenn	Applebee Church Inc	1958-A Monroe Dr, N.E. Atlanta 9, Ga	TR5-7244
Utah	R E Cathey Co	4674 Antlor Dr. Salt Lake City 17	CR8-9023
Wisc	John A E Schweiter Inc	[illegible]12 N. 3rd St, Milwaukee 3, Wisc	BR6-1633
Wyo	R E Cathey Co	1700 Fulton St. Denver 8, Colo	FR7-3740

• **WARD LEONARD ELECTRIC CO** — 23 South St, Mt. Vernon, NY — MO4-1000
R Lonstead F 360-1045-1330-1460-1475-1480

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ala	Murphy & Cota	221 Latta Arcade, Charlotte 2, NC	FR5-2317
Ariz	W Bert Knight Co	10373 W. Pico Blvd. LA, Cal	BR2-0101
Cal	W Bert Knight Co	10373 W. Pico Blvd. LA	
Cal	Moulthrop & Hunter	165 11th St. SF 3	UN3-7800
Cal	Ward Leonard Electric Co	1005 E. Olympic Blvd, Los Angeles 21	MA9-3535
Colo	Gordon Moss Electronics Inc	1530 13th Ave. Greeley	EL3-1452
Conn	Ward Leonard Electric Co	37 Webster St. Hartford 7	JA7-1837
Del	Ward Leonard Electric Co	7851 Montgomery Ave. Phila 17, Pa	CA4-0400
DC	Irving W Day Co	723 Wills Bldg, Wash	NA8-1995
Fla	Murphy & Cota	2119 E. South St. Orlando	GA4-2167
Ga	Murphy & Cota	2110 Peachtree Rd. NW Atlanta	TR6-3020
Idah	Gordon Moss Electronics Inc	1530 13th Ave. Greeley, Colo	EL3-1452
Idah	Northwestern Agencies	4130 1st Ave. S. Seattle 4, Wash	MA3-8882
Ill	Ward Leonard Electric Co	7100 N. Cicero Ave. Chicago	MU5-6450
Ind	Ward Leonard Electric Co	7100 N. Cicero Ave, Chicago, Ill	MU5-6450
Iowa	Ward Leonard Electric Co	4233 Chouteau Ave, St. Louis 10, Mo	JE5-6502
Kan	Ward Leonard Electric Co	4233 Chouteau Ave, St. Louis 10, Mo	JE5-6502
Ky	Ward Leonard Electric Co	4233 Chouteau Ave, St. Louis 10, Mo	JE5-6502
Ky	Shelton Storer & Assoc	5530 Vine St, Cincinnati, Ohio	CA1-1191
Me	Ward Leonard Electric Co	37 Webster St, Hartford 6, Conn	JA7-1837
Md	Ward Leonard Electric Co	7851 Montgomery Ave. Phila, Pa	CA4-0400
Mass	Ward Leonard Electric Co	37 Webster St, Hartford 6, Conn	JA7-1837
Mich	S P Ecclestone & Sons	18999 James Couzens Hwy, Detroit	UN4-7660
Minn	Marvin H Kirkeby	204 Sunnyridge Ln. Mpls	FR7-3239
Miss	Murphy & Cota	221 Latta Arcade, Charlotte, NC	FR5-2317
Mo	Ward Leonard Electric Co	4233 Chouteau Ave, St. Louis 10, Mo	JE5-6502
Mont	Northwestern Agencies	4130 1st Ave. S. Seattle 4, Wash	MA3-8882
Neb	Ward Leonard Electric Co	4233 Chouteau Ave. St. Louis Mo	JE5-6502

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Nev	Meuffrop & Hunter	166 11th St. SF, Cal	UN3-7880
NH	Ward Leonard Electric Co	37 Webster St. Hartford 6, Conn	JA7-1837
NJ	Ward Leonard Electric Co	50 Broad St. Bloomfield	PI8-3090
NM	Gordon Moss Electronics Inc	1510 13th Ave. Greeley, Colo	EL3-1452
NC	Murphy & Cota	221 Latta Arcade, Charlotte 2	FR5-2317
ND	Marvin H Kirkeby	204 Sunnyridge Ln. Mnpls, Minn	FR7-3239
Ohio	Martin-Rettger Inc	13955 Shaker Blvd, Cleveland 20, Ohio	SW1-8787
Okla	C D Daniels Co	Box 9511, Tulsa	
Ore	Northwestern Agencies	4130 1st Ave. S. Seattle, Wash	MA3-8882
Pa	Ward Leonard Electric Co	7862 Montgomery Ave, Phila	CA4-0400
RI	Ward Leonard Electric Co	37 Webster St. Hartford, Conn	JA7-1837
SC	Murphy & Cota	221 Latta Arcade, Charlotte 2, NC	FR5-2317
SD	Marvin H Kirkeby	204 Sunnyridge Ln. Mnpls, Minn	
Tenn	Murphy & Cota	221 Latta Arcade, Charlotte 2, NC	FR5-2317
Tex	P J Scanlon Co	2608 Inwood Rd. Dallas 35	FL1-9991
Utah	Gordon Moss Electronics Inc	1510 13th Ave. Greeley, Colo	EL1452
Vt	Ward Leonard Electric Co	37 Webster St. Hartford 6, Conn	JA7-1837
Va	Irving M Day Co	723 Mills Bldg. Wash, DC	NA8-1995
Wash	Northwestern Agencies	4130 1st Ave. S. Seattle	MA3-8882
W Va	Ward Leonard Electric Co	929 Park Ave. Pittsbgh 34, Pa	LO1-6405
Wis	Ward Leonard Electric Co	3100 N. Cicero Ave. Chicago, Ill	MU5-6450
Wyo	Gordon Moss Electronics Inc	1510 13th Ave. Greeley, Colo	EL3-1452

WARD PRODUCTS CORP — Edson St, Amsterdam, NY — VI2-7220
J Cajke E 45-190

TERR	OFFICES		TEL. NO.
Ala	Maitland H Smith Inc	208 14th St. NW Atlanta 13, GA	TR5-8031
Ariz	Shetler-Kahn Co	P.O. Box 1987, Phoenix, Ariz	AL0-[illegible]
Cal	[illegible]	845 Jessie St. San Francisco, Cal	[illegible]
Cal	[illegible]	[illegible] Venice Blvd, Los Angeles 6, Cal	
Colo	Conners Inc	5403 E. Evans Ave. Denver 22	SK6-0417
Haw	Dougherty Enterprises	Box 188, 334 Ilimalia Loop, Kailua	
Ill	[illegible]	[illegible]	[illegible]
Ind	[illegible]	P.O. Box 255, [illegible], Ind	[illegible]
Mass	Anderson Sales Co	[illegible] State St, Boston 9, Mass	[illegible]
Mich	Grant Shaffer	14241 Fenkell Ave, Detroit 27, Mich	BR3-5390
Minn	[illegible]	2402 Hennepin Ave, Minneapolis, Minn	[illegible]
Mo	[illegible]	[illegible] Kansas City, Mo	PL5-[illegible]
NJ	[illegible]	77-15 164th St. Flushing 66, NY	OL7-[illegible]
NY	[illegible]	[illegible] Rochester 9, NY	[illegible]
NC	[illegible]	P.O. Box 5201, Winston-Salem, NC	PA5-[illegible]
Ohio	Robert W Peters Co	[illegible] Cleveland 23, Ohio	[illegible]
Ore	Dave M Lee Co. Inc	3527 NE Union Ave. Portland 12	AT8-5796
Pa	[illegible]	[illegible] Philadelphia 31, Pa	[illegible]
Tex	Fred Gross & Co	2651 Brenner Dr. Dallas	FL1-[illegible]
Canada	Atlas Radio Corp Ltd	50 Wingold Ave, Toronto 19, Canada	RU1-6174

WARNER ELECTRIC BRAKE & CLUTCH CO — Beloit, Wisc — DU9-2211
G Hamed #15 *600 G 145-310

TERR	OFFICES		TEL. NO.
Cal	Theodore C Alford	2805 E. Foothill Blvd, Pasadena 1, Cal	MU1-7145
Colo	Power Transmission, Inc	5470 Eudora St. Denver	AT8-[illegible]
Conn	Joseph Cosgrove	7 Arlington Rd, Windsor Locks, Conn	NA3-[illegible]
Ga	Ray W Dollar	254 E. Paces Ferry Rd, N.E., Atlanta 5	CE3-[illegible]
Ill	Warner Electric Brake & Clutch Co	1915 N. Harlem Ave, Chicago 35, Ill	TU9-[illegible]
La	McLellan Equipment Co	2375 Tchoupitoulas St, New Orleans, La	TU2415-6
Md	[illegible]	[illegible] Baltimore 29, Md	[illegible]
Mass	Joseph W Shea	571 High St, Westwood, Mass	[illegible]
Mich	Warner Electric Brake & Clutch Co	15756 Wyoming Ave, Detroit 38, Mich	UN1-[illegible]
Mo	[illegible]	[illegible] St. Louis 1, Mo	CE1-[illegible]
NY	[illegible]	207 S. Wilbur Ave, Syracuse 4, NY	[illegible]
NY	[illegible]	[illegible] Buffalo 15, NY	[illegible]
NY	[illegible]	[illegible] Rochester 7, NY	[illegible]
NY	Warner Electric Brake & Clutch Co	[illegible] Madison, NJ	[illegible]
NC	[illegible]	[illegible] Greensboro	BR5-6764
Ohio	[illegible]	2537 Erie Ave, Cinci 8	TR1-[illegible]
Ohio	William R [illegible]	PO Box [illegible] Euclid 23	EV3-[illegible]
Pa	Warner Electric Brake & Clutch Co	[illegible] Haddonfield, NJ	HA9-[illegible]
SC	R L [illegible] Co., Inc	Drawer [illegible], Charleston Hghts, SC	[illegible]
SC	R L [illegible] Co., Inc	Drawer [illegible], Greenville, SC	[illegible]
SC	R L [illegible] Co., Inc	[illegible]	[illegible]
Tex	George J Fix Co	[illegible] Dallas	HA8-7454
Tex	George J Fix Co	[illegible] Houston, Tex	[illegible]
Tex	George J Fix Co	[illegible] Ft. Worth, Tex	[illegible]
Utah	C W Silver Co	[illegible] Salt Lake City, Utah	EL5-[illegible]
Wisc	John Erbach	[illegible] Milwaukee, Wisc	[illegible]
Wis	Stanley B Howe	[illegible]	[illegible]
Canada	E W Playford Ltd	[illegible] Montreal, Can	[illegible]
Canada	Knowles & Foster [illegible]	[illegible] Toronto, Ont, Can	EM3-[illegible]

WARREN COMPONENTS DIV
EL-TRONICS — S. Irvine St, Warren, Pa — RA3-6200
M Soars #2 *250 E 65-345-845-895-905-1075-1135-1285-1290-1540-1545-1785-1875-1960

TERR	OFFICES		TEL. NO.
Ariz	Gremer Co	444 W. Camelback Rd, Phoenix, Ariz	CR9-1231
Cal	Arvin Bell Co	[illegible] Los Angeles 42	[illegible]
Conn	James A Brown	[illegible] Rt 1, Monroe	AM8-1160
Conn	Wadsworth Mfg Assoc Inc	509 Balsam St, Liverpool, NY	OL2-7043
Del	Joseph Shay	306 Northern Blvd. Albany, NY	[illegible]
Del	Wadsworth Mfg Assoc Inc	509 Balsam St, Liverpool, NY	OL2-7043
Ill	Ryan & Associates	2503 N. Talman Ave, Chicago 47, Ill	EV4-5749
Ind	Edwin A Schulz Co	721 Sherwood Dr, Indianapolis 20, Ind	CL5-[illegible]
Iowa	Ryan & Associates	2503 N. Talman Ave, Chicago 47, Ill	EV4-5749
Ky	Edwin A Schulz Co	721 Sherwood Dr, Indianapolis 20, Ind	CL5-1593
Me	Jos Shay	306 Northern Blvd, Albany, NY	
Me	Wadsworth Mfg Associates Inc	509 Balsam St, Liverpool, NY	OL2-7043
Md	James J Phillips	312 Pine Ave, W. Kane, Pa	
Md	Wadsworth Mfg Associates Inc	509 Balsam St, Liverpool, NY	OL2-7043
Mass	Jos Shay	306 Northern Blvd, Albany, NY	
Mass	Wadsworth Mfg Associates Inc	509 Balsam St, Liverpool, NY	OL2-7043
Mich	Grant Shaffer Co	14241 Fenkell Ave, Detroit 27, Mich	BR3-5390
Minn	Ryan & Associates	2503 N. Talman Ave, Chicago 47, Ill	EV4-5749
Mo	Ryan & Associates	2503 N. Talman Ave, Chicago 47, Ill	EV4-5749
NH	Jos W Shay	306 Northern Blvd, Albany, NY	
NH	Wadsworth Mfg Associates Inc	509 Balsam St, Liverpool, NY	OL2-7043
NJ	James A Brown	Barnhill Rd, Rt 1, Monroe, Conn	AM8-1160
NJ	Wadsworth Mfg Associates Inc	509 Balsam St, Liverpool, NY	OL2-7043

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
NY	James J Phillips	312 Pine Ave, W. Kane, Pa	
NY	Wadsworth Mfg Associates Inc	509 Balsam St, Liverpool, NY	OL2-7043
Ohio	George Bray	2836 Noble Rd, Cleveland 21, Ohio	EV2-6170
Pa	James J Phillips	312 Pine Ave, W. Kane	1661
Pa	Wadsworth Mfg Associates Inc	509 Balsam St, Liverpool, NY	OL2-7043
RI	Jos W Shay	306 Northern Blvd, Albany, NY	
RI	Wadsworth Mfg Associates Inc	509 Balsam St, Liverpool, NY	OL2-7043
Tex	Wadsworth Mfg Associates Inc	509 Balsam St, Liverpool, NY	OL2-7043
Vt	Jos W Shay	306 Northern Blvd, Albany, NY	
Vt	Wadsworth Mfg Associates Inc	509 Balsam St, Liverpool, NY	OL2-7043
Va	James J Phillips	312 Pine Ave, W. Kane, Pa	
Va	Wadsworth Mfg Associates Inc	509 Balsam St, Liverpool, NY	OL2-7043
W. Va	Wadsworth Mfg Associates Inc	509 Balsam St, Liverpool, NY	OL2-7043
Wisc	Ryan & Associates	2503 N. Talman Ave, Chicago 47, Ill	EV4-5749

WARREN MFG CO., INC — Newtown Rd, Littleton, Mass — HU6-3511
T Mahoney #10 *150 E 255-325-895-915-945-950-1125-1340-1870

TERR	OFFICES		TEL. NO.
Cal	D Mierske	340 Lorton Ave, Burlingame	DI4-[illegible]
Ill	Richard H Lund	3802 Dunlop Ave, Riverside, Ill	HI7-[illegible]

WARREN WIRE CO — Pownal, Vt — VA3-7321
C Parker #4 *275 F 190-1290-1960

TERR	OFFICES		TEL. NO.
Cal	Wire Co of America	400 David Lane Pl, Goleta	WO7-3451
Calo	Warren Wire Co	1603 Chestnut St, Alhambra, Cal	EN5[illegible]
Fla	Buchanan & Abrams Associates	P.O. Box 8026, Orlando, Fla	GA3-[illegible]
Ill	Warren Wire Co	[illegible] Park Ridge, Ill	TA5-[illegible]
Mass	Robert G Beatty	335 Everett St, Westwood	NO9-[illegible]
Mo	Hopper Sales Co	1135 Cheshire Ln, Webster Groves	WO1-8499
Mo	Hopper Sales Co	1135 Cheshire Ln, St. Louis 19, Mo	WO1-8499
NJ	Warren Wire Co	30 E. 29th St, Paterson, NJ	AR8-[illegible]
NY	Warren Wire Co	30 E. 29th St, Paterson, NJ	AR8-[illegible]
NC	Jake Rudisill Assoc	2009 N. Tryon St, Charlotte	FR6-[illegible]
Ohio	Warren Wire Co	[illegible] Cleveland, Ohio	VO-[illegible]
Tex	Ammon & Champion Co	2714 Boeing St, Dallas	FL7-[illegible]
Wash	Seatronics Inc	1817 Harrison St, Seattle, Wash	EA4-8545
Wisc	Wire & Sintered Products Co	4477 N. Farwell Ave, Milwaukee 11, Wisc	WO2-[illegible]

WARRICK CO., CHARLES F — 1964 W. 11 Mile Rd, Berkley, Mich
J Strong #2 *45 D 360

TERR	OFFICES		TEL. NO.
Ala	Allison & Little Co	3012A 8th Ave S, Birmingham 5	FA2-[illegible]
Cal	Calpacific Equipment Co	50 Hawthorne St, San Francisco 5, Cal	EX2-[illegible]
Cal	Guy L Watson & Sons	5261 E Washington, Los Angeles 22	AN8-[illegible]
Colo	Goble, Sampson & Smith Inc	5505 E Evans Ave, Denver	SK6-5401
Fla	Ward Engineering Co., Inc	1015 N. Central, Orlando	GA3-[illegible]
Hawaii	Pell Co., Inc	338 Cooke St, Honolulu 6, Hawaii	6-6126
Ill	Kellum Engineering Co	3136 Clarence, Berwyn, Ill	BI7-[illegible]
Ind	Denever Engineering Co	115 N. Penn St, Indianapolis, Ind	ME2-[illegible]
La	Butler & Land Inc	1122 Orpahnt St, New Orleans 13	
Md	C A Briggs Associates	611 Washington Ave, Baltimore 4, Md	VA3-[illegible]
Mass	Williamson Electrical Co	43 Fremont, Needham Hghts 94, Mass	HE3-[illegible]
Mich	Hermes Battle Associates	1900 E. Jefferson, Detroit 7, Mich	LO7-[illegible]
Minn	Kemp-Manning Sales Co	1509 Hwy 8, Hopkins	WE5-6[illegible]
Mo	C O Leaver Co	4010 Choutea Ave, St. Louis 10, Mo	JE1-[illegible]
NM	Goble & Sampson Inc	[illegible] 4th St, Albuquerque, NM	DI4-2344
NY	Award Equipment Co., Inc	506 Niagara, Buffalo 13, NY	GA7475
NY	Award Equipment Co., Inc	5863 E. Henrietta Rd, Henrietta, NY	[illegible]
NY	McIntosh Equipment Corp	16 Park Row, New York 38, NY	DI[illegible]
Ohio	Edmond C Frost & Co	2545 Chelmsford Rd, Mayfield Hghts	HO[illegible]
Ohio	McKay Equipment Co	4050 Cooper Rd, Cincinnati 42	TW1-7122
Okla	Snyder Co., Inc	1432 E. 6th St, Tulsa 20, Okla	GI7-[illegible]
Ore	James L Kearns Co., Inc	4055 E. Glisan St, Portland 13, Ore	BE3-[illegible]
Pa	Award Equipment Co., Inc	2603 Maple St, Erie, Pa	GL4-[illegible]
Pa	C A Briggs Associates	320 S. Easton Rd, Glenside	TU7-[illegible]
Tex	Snyder Co., Inc	4734 Pester St, Dallas, Tex	
Utah	North Munsen Co	535 S. 2nd St, Salt Lake City	EM3-[illegible]
Foreign	Sales Offices Representatives in Principal Countries		

WARSAW COIL CO — Box 309, Warsaw, Ind — AM7-6041
T Joyner #1 *30 B 320-1855

WASHINGTON ALUMINUM CO., INC — PRR & Knecht, Baltimore 29, Md — CI2-1000
E Beyer #15 *275 E 45-50-135-180-230-385-455-670-1045-1055-1135-1170-1395-1410-1610-1845

TERR	OFFICES		TEL. NO.
Ala	Southern Chemical & Equipment	2801 S. 20th St, Birmingham, Ala	TR9-1761
Ariz	Ken Smith Co	Box 6204, Phoenix, Ariz	
Cal	M J Gigy & Associates Inc	467 Sixth St, San Francisco, Cal	YU8-2803
Fla	Tate Engineering	708 Flagler Ave, Jacksonville 7, Fla	AL7-7111
La	Church-Darling Co	321 322 Carondelet Bldg, New Orleans 12	JA5-[illegible]
Mass	N V Nelson & Co	157 Federal St, Boston 10, Mass	LI2-7618
Mich	Michigan Hydrant & Valve Mfg Co	8747 Brandt Ave, Dearborn, Mich	
Miss	Elmer E Schutz Jr	11552 Placer Ave, St. Louis 38, Mo	DH1-0474
Neb	Oliver Sabelage Co	415 S. 38th Ave, Omaha, Neb	
NJ	Charles Gohlich	Pennsville Rd, Salem, NJ	SA[illegible]
NY	Eastern Instruments Inc	211-02 Northern Blvd, Bayside, NY	HA9-1661
NY	D & B Associates	3307 Erie Blvd E, Dewitt, NY	GI6-0220
NC	Ken Ferris	Pinehurst, N Carolina	
Ohio	William C Trumbull Co	Box 44, Sta C, Toledo 7, Ohio	CH8-3437
Ohio	Fred L Kless	1455 Washington Blvd, Cleveland 18	ER1-7165
Ohio	Tilly Co., The	2745 Warrensville Center Rd, Cleveland	ER1-5335
Utah	Waterworks Equipment Co	502 W. 3rd S., Salt Lake City, Utah	
Canada	Triumph Continental Products	5890 Monkland Ave, Montreal 28, Canada	HU9-4911

WASHINGTON MFG CO., INC — P.O. Box 370, Washington, Iowa — OL3-2169
J Myers *30 125-285-1970

TERR	OFFICES		TEL. NO.
Cal	Leo Tachs Assoc	3010 E Olympic Blvd, L A 23	AN1-0[illegible]
Conn	Schaefer Sales Co	Box 23, W. Hartford	AD3-2748
Del	J C Towle & Sons	402 Bethlehem Pike, Phila. 42, Pa	CH8-3233
DC	J C Towle & Sons	402 Bethlehem Pike, Phila. 42, Pa	CH8-3233
Idaho	The National Co	70 Marion St, Seattle 4, Wash	MU2-2481
Ill	W J Taylor Co	605 W. Wash. Blvd, Chicago	FR2-4743
Ind	R H Vannatta & Co	2306 Northland Ave, Cleve 7, Ohio	LA1-6131
Iowa	G Newell	1625 13th St, W. Des Moines	CR9-9124
Iowa	M D Smith	730 E. 2nd St, Davenport	DA2-77[illegible]

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Kan	T G Rankin Co	503 E. Argonne Dr, Kirkwood 22, Mo	YO5-[illegible]
La	J Granberg	Box 291, Bellaire, Tex	MA3-77[illegible]
Mass	Hamlet-Smith Co	1324 W. Wis. Ave, Milwaukee, Wis	DI2-[illegible]
Mo	T G Rankin Co	503 E. Argonne Dr, Kirkwood 22	YO5-[illegible]
Mont	The National Co	70 Marion St, Seattle 4, Wash	MU2-24[illegible]
NJ	L W Appell Co	11 Warren St, NY 7, NY	WO4-[illegible]
NY	L W Appell Co	11 Warren St, NY 7	WO4-[illegible]
Ohio	R H Vannatta & Co	2306 Northland Ave, Cleve 7	LA1-61[illegible]
Okla	J I Granberg	Box 291, Bellaire, Tex	MA3-77[illegible]
Pa	J C Towle & Sons	402 Bethlehem Pike, Phila. 18	CH8-32[illegible]
Pa	J A Schultz	530 4th Ave, Pittsbgh	AT1-[illegible]
RI	Schaefer Sales Co	Box 23, W. Hartford, Conn	AD3-27[illegible]
SD	G Newell	1625 13th St, W. Des Moines, Iowa	CR9-9[illegible]
Tex	J I Granberg	Box 291, Bellaire	MA3-77[illegible]
Wash	The National Co	70 Marion St, Seattle 4	MU2-24[illegible]
Wis	Hamlet-Smith Co	1324 W. Wis. Ave, Milwaukee	DI2-4[illegible]

WASHINGTON SCIENTIFIC INDUSTRIES INC — 13111 Wayzata Blvd. Mnpls 40, Minn — L(5-561[illegible]
J Sidwell #15 *200 E 755-895-1150

WATERBURY COS INC — 835 S. Main, Waterbury, Conn — PL6-55[illegible]
175-615-960-1290-1780

WATERLOX DIV EMPIRE VARNISH CO — 2636 E. 76 St, Cleveland, Ohio — UT1-27[illegible]
1930

• **WATERMAN PRODUCTS CO. INC** — 2445 Emerald St. Philadelphia 25, Pa — GA6-0[illegible]
W Hare #12 *275 895-1580-1880

TERR	OFFICES		TEL. NO.
Ala	R Attaway Co	2715 Bob Wallace Ave, SW, Huntsville	534-[illegible]
Ariz	Perlmuth Electronic Associates	5057 W. Washington Blvd, L A 16, Cal	WE1-[illegible]
Ark	M F Klicpera Co	Box 3113, Houston 1, Tex	JA2-[illegible]
Cal	Perlmuth Electronic Associates	5057 W. Washington Blvd, L A 16, Cal	WE1-[illegible]
Fla	R Attaway Co	2715 Bob Wallace Ave, Huntsville, Ala	534-[illegible]
Ga	R Attaway Co	2715 Bob Wallace Ave, Huntsville, Ala	534-[illegible]
Idaho	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	MA4-[illegible]
Ill	Royal J Higgins Co	10105 S. Western Ave, Chicago 43, Ill	CE3-[illegible]
Ind	Royal J Higgins Co	10105 S. Western Ave, Chicago 43, Ill	CE3-[illegible]
Iowa	J Durbin Co	Box 5859, Ferguson Sta. St. Louis 35, Mo	JA1-[illegible]
Kan	J Durbin Co	Box 5859, Ferguson Sta. St. Louis 35, Mo	JA1-[illegible]
La	M F Klicpera Co	Box 3113, Houston 1, Tex	JA2-[illegible]
Mo	J Durbin Co	Box 5859, Ferguson Sta. St. Louis 35	JA1-[illegible]
Mich	Royal J Higgins Co	10105 S. Western Ave, Chicago 43, Ill	CE3-[illegible]
Minn	Scott Electronic Sales	6500 Xerxes Ave, S., Minneapolis 23	WA6-[illegible]
Miss	M F Klicpera Co	Box 3113, Houston 1, Tex	JA2-[illegible]
Nev	Perlmuth Electronic Associates	5057 W. Washington Blvd, L A 16, Cal	WE1-[illegible]
ND	Scott Electronic Sales	6500 Xerxes Ave, S., Mnpls 23, Minn	WA6-[illegible]
NY	Siebenhoff Sales Co	175 Oakwood Ave, Orange, NJ	OR4-[illegible]
NC	R Attaway Co	2715 Bob Wallace Ave, Huntsville, Ala	534-[illegible]
Ohio	Thomco Electronic Co	Box 181, N. Dayton Sta, Dayton 4, Ohio	RE3-[illegible]
Okla	M F Klicpera Co	Box 2557, Tulsa, Okla	RI2-[illegible]
Ore	N R Schultz Co	4227 Airport Way, Seattle 8, Wash	MA4-[illegible]
SC	R Attaway Co	2715 Bob Wallace Ave, Huntsville, Ala	534-[illegible]
SD	Scott Electronic Sales	6500 Xerxes Ave, S., Mnpls 23, Minn	WA6-[illegible]
Tenn	R Attaway Co	2715 Bob Wallace Ave, Huntsville, Ala	534-[illegible]
Tenn	M F Klicpera Co	Box 3113, Houston 1, Tex	JA2-[illegible]
Tex	M F Klicpera Co	Box 3113, Houston 1, Tex	JA2-[illegible]
Wash	N R Schultz Co	4227 Airport Way, Seattle 8	MA4-[illegible]
Wisc	Royal J Higgins Co	10105 S. Western Ave, Chicago 43, Ill	CE3-[illegible]
For	Terminal Radio Int'l. Ltd	240 W. 17th St, NY 11, NY	CH3-[illegible]

WATERS CONLEY CO. INC — 17 E. Chestnut St. Chicago 11, Ill — [illegible]
H Kevin #8 F 1255

TERR	OFFICES		TEL. NO.
Cal	Edward Colman	1503 S. Maple, LA 15	RI9-[illegible]
Fla	Gerber-Peterson & Co	4206 E. 18th Lane, Hialeah	
Ind	Harrison Bland	1508 Windsor Ave. Indpls	CH1-9772
Md	Arthur E Simick	6605 Baythorne Rd, Baltimore 9	HU6-[illegible]
Mass	Robert Smith	59 Vernadale St, Brookline 46	AW6-[illegible]
Mich	Bernard Rachwald	24700 Church St, Oak Park 37	LI[illegible]
Mo	Kelly/Schmitz/Winker Assoc	2309 Hampton Ave, St. Louis 10	EM1-[illegible]
NY	Manny Carter	7 Aragon Ave, Latham	ST5-[illegible]
NY	Robt A Stang	271 Columbus Ave, Tuckahoe	SP9-[illegible]
Ore	Dave M Lee Co, Inc	3527 N. Union Ave, Portland 12	AT8-[illegible]
Pa	James H Pobsley	5912 Penn Ave, Pittsbgh 6	HI1-[illegible]
Tenn	Roy L Smith	2204 Crestmoor Rd, Nashville	AM9-[illegible]
Tex	Max Holdenreich	6115 Denton Dr, Dallas	FL2-[illegible]
For	Just C Weidemann	520 N. Michigan Ave, Chicago, Ill	WH4-[illegible]

• **WATERS MANUFACTURING INC** — Boston Post Rd, Wayland, Mass — EL8-2777
W Harts #15 *150 E 715-895-1330

TERR	OFFICES		TEL. NO.
Ala	Tec-Sel Inc	Times Bldg, Huntsville	JE4-[illegible]
Ariz	J T Hill Co	319 N. State Ave, Phoenix, Ariz	CR7-[illegible]
Cal	J T Hill Co	420 S. Pine St, San Gabriel, Cal	AT7-[illegible]
Del	S W Siebenhoff	69 Hudson St, Hoboken, NJ	OL6-[illegible]
DC	S W Siebenhoff	69 Hudson St, Hoboken, NJ	OL6-[illegible]
Fla	W Ben Kimberly	537 S. Ft. Harrison Ave, Clearwater, Fla	[illegible]
Ill	L A Chambers Co	5906 N. North Ave, Chicago, Ill	TU9-[illegible]
Ind	L A Chambers Co	5906 N. North Ave, Chicago, Ill	TU9-[illegible]
Kan	Koenig-Myers Assoc	4128 Main St, KC, Mo	JE1-[illegible]
Md	S W Siebenhoff	69 Hudson St, Hoboken, NJ	OL6-[illegible]
Mich	Harvey Teplitz & Co	19342 Inkster Rd, Detroit, Mich	KE7-[illegible]
Minn	Fred Peterson Co	2431 Hennepin Ave, Minneapolis, Minn	FR7-[illegible]
Nev	J T Hill Co	420 S. Pine St, San Gabriel, Cal	AT7-[illegible]
Nev	J T Hill Co	420 S. Pine St, San Gabriel, Cal	AT7-[illegible]
NJ	Gawler-Knoop Co	178 Eagle Rock Ave, Roseland, NJ	CA6-[illegible]
NJ	S W Siebenhoff	69 Hudson St, Hoboken, NJ	OL6-[illegible]
NM	J T Hill Co	420 S. Pine St, San Gabriel, Cal	AT7-[illegible]
NY	S W Siebenhoff	69 Hudson St, Hoboken, NJ	OL6-[illegible]
NY	Gawler-Knoop Co	178 Eagle Rock Ave, Roseland, NJ	CA6-[illegible]
NC	S W Siebenhoff	69 Hudson St, Hoboken, NJ	OL6-[illegible]
ND	Fred Peterson Co	2431 Hennepin Ave, Minneapolis, Minn	FR7-[illegible]
Ohio	Harvey Teplitz & Co	3543 Cornell Dr, Dayton, Ohio	CR7-[illegible]
Okla	Lawrence Sales Co	P.O. Box 13036, Dallas, Tex	FL[illegible]
Ore	Fawcett Agencies	209 First Ave, S., Seattle 4, Wash	MA4-[illegible]
Pa	S W Siebenhoff	69 Hudson St, Hoboken, NJ	OL6-[illegible]
Pa	Harvey Teplitz & Co	3543 Cornell Dr, Dayton, Ohio	CR7-[illegible]
SD	Fred Peterson Co	2431 Hennepin Ave, Minneapolis, Minn	FR7-[illegible]
Tenn	S W Siebenhoff	69 Hudson St, Hoboken, NJ	OL6-[illegible]
Tex	Lawrence Sales Co	P.O. Box 13036, Dallas, Tex	FL2-[illegible]

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Va	S W Simberkoff	68 Hudson St, Hoboken, NJ	OL6-5211
Wash	Farwest Agencies	2?? First Ave, S., Seattle 4, Wash	MA4-5656
W. Va	Harvey Teplitz & Co	3543 Cornell Dr, Dayton, Ohio	CR7-9178
Wisc	L A Chambers Co	590? W. North Ave, Chicago, Ill	TU9-4884
Canada	M J Howard & Co Ltd	1168 Gertrude St, Ottawa, Ont, Canada	CE5-9931
Foreign	Waters Mfg Inc	Boston Post Rd, Wayland, Mass	EL8-2777
	WATKINS-JOHNSON CO	**3333 Hillview Ave, Palo Alto, Cal**	**DA6-4830**
	W Robinson #25 *150 E 1135-1395-1410-1425-1870		
Del	Eastern Instrumentation, Inc	613 W Cheltenham Ave. Phila. 26, Pa	WA7-6269
DC	Eastern Instrumentation, Inc	8616 Georgia Ave. Silver Spring, Md	JU9-0100
Md	Eastern Instrumentation, Inc	808 Ingleside Ave. Baltimore 28	RI4-3676
NJ	Eastern Instrumentation, Inc	613 W Cheltenham Ave. Phila 26, Pa	WA7-6269
NY	Eastern Instrumentation, Inc	211-02 Northern Blvd. Bayside	HA8-1661
Pa	Eastern Instrumentation, Inc	613 W Cheltenham Ave. Phila. 26, Pa	WA7-6269
Va	Eastern Instrumentation, Inc	8616 Georgia Ave. Silver Spring, Md	JU9-0100
	WATLOW ELECTRIC MFG CO	**1376 Ferguson Ave, St. Louis 14, Mo**	
	575-1480		
●	**WATSON MFG. CO. INC**	**4700 Taylor St. Jamestown, NY**	**7-1191**
	L Blanchard #2 *500 180-260-1620		
	WAUGH ENGINEERING CO	**7842 Burnet Ave, Van Nuys, Cal**	**ST2-1710**
	R Day #10 *60 E 320-330-365-895		
Ala	Roy Attaway Co	2315 Bob Wallace Ave SW, Huntsville	534-2811
Ariz	L L Stoakes	4434 Ingraham St. San Diego, Cal	BR4-6281
Ark	Datronics	3333 W Alabama, Houston 6, Tex	JA4-6561
Cal	L L Stoakes	4434 Ingraham Ave. San Diego	
Cal	Egbert Engineering Associates	499 Hamilton Ave, Palo Alto, Cal	DA6-1387
Colo	Parrish Electronics	2130 S Albion St. Denver 22	SK6-9455
Conn	Andruss-Peskin Co	P O Box 394, Natick, Mass	OL3-3919
Del	J E Cuesta Co	Wedge Bldg. Paoli, Pa	NI4-6020
DC	J E Cuesta Co	133 15th St NW, Washington 25	ST3-4449
Fla	Roy Attaway Co	711 Magnolia Ave. Orlando	GA4-9983
Ga	Roy Attaway Co	2315 B Wallace Ave. Huntsville, Ala	534-2811
Idah	Parrish Electronics	2130 S Albion St. Denver 22, Colo	SK6-9455
Ill	R E Stemm Inc	5681 W Lake St. Chicago 44	ES9-2700
Ill	J Egbert Engr Assoc	499 Hamilton Ave. Palo Alto, Cal	DA6-1387
Ind	R Edward Stemm, Inc	5681 W Lake St. Chicago 44, Ill	ES9-2700
Iowa	R Edward Stemm, Inc	5681 W Lake St. Chicago 44, Ill	ES9-2700
Kan	Harris-Hanson Co	7916 Paseo Ave. Kansas City 32, Mo	HI4-9494
Ky	J E Cuesta Co	Wedge Bldg. Paoli, Pa	NI4-6020
La	Datronics	3333 W Alabama, Houston 6, Tex	JA4-6561
Me	Andruss-Peskin Co	P O Box 394, Natick, Mass	OL3-3919
Md	J E Cuesta Co	133 15th St NW, Washington 25, DC	ST3-4449
Mass	Andruss-Peskin Co	P O Box 394, Natick	OL3-3919
Mich	S Sterling Co	15310 W. McNichols Rd, Detroit, Mich	BR3-2900
Minn	R E Stemm, Inc	123 S 3rd St. Minneapolis 1	FE5-7172
Miss	Roy Attaway Co	2315 B Wallace SW, Huntsville, Ala	534-2811
Mo	Harris-Hanson Co	7916 Paseo Ave. Kansas City 32	HI4-9494
Mont	Egbert Engr Assoc	499 Hamilton, Palo Alto, Cal	DA6-1387
Neb	R E Stemm, Inc	5681 W Lake St. Chicago 44, Ill	ES9-2700
Nev	Parrish Electronics	2549 Colphin Way, Salt Lake City, Utah	CR8-9705
NH	Andruss-Peskin Co	P O Box 394, Natick, Mass	OL3-3919
NJ	J E Cuesta Co	Wedge Bldg. Paoli, Pa	NI4-6020
NM	Parrish Electronics	1437 San Mateo NE, Albuquerque	
NY	J E Cuesta Co	Wedge Bldg. Paoli, Pa	NI4-6020
NC	Roy Attaway Co	407 Nissen Bldg. Winston-Salem	722-9671
ND	R E Stemm, Inc	123 S 3rd St. Minneapolis 1, Minn	FE5-7172
Ohio	S Sterling Co	5827 Mayfield Rd, Cleveland, Ohio	HI2-8080
Ohio	S Sterling Co	363 W. First St, Dayton 2, Ohio	BA8-8794
Okla	Datronics	3333 W Alabama, Houston 6, Tex	JA4-6561
Ore	Egbert Engineering Assoc	499 Hamilton Ave. Palo Alto, Cal	DA6-1387
Pa	S Sterling Co	4024 Clairton, Pittsburgh, Pa	TU4-5515
Pa	J E Cuesta Co	Wedge Bldg. Paoli	NI4-6020
RI	Andruss-Peskin Co	P O Box 394, Natick, Mass	OL3-3919
SC	Roy Attaway Co	407 Nissen Bldg. Winston-Salem, NC	722-9671
SD	R E Stemm, Inc	5681 W Lake St. Chicago 44, Ill	ES9-2700
Tenn	Roy Attaway Co	2315 B Wallace SW, Huntsville, Ala	534-2811
Tex	Datronics	3333 W Alabama, Houston 6	JA4-6561
Utah	Parrish Electronics	2549 Colphin Way, Salt Lake City 17	CR8-9705
Vt	Andruss-Peskin Co	P O Box 394, Natick, Mass	OL3-3919
Va	J E Cuesta Co	Wedge Bldg. Paoli, Pa	NI4-6020
Wash	Egbert Engineering Assoc	499 Hamilton Ave. Palo Alto, Cal	DA6-1387
W Va	J E Cuesta Co	Wedge Bldg. Paoli, Pa	NI4-6020
Wis	R E Stemm, Inc	123 3rd St. Minneapolis 1, Minn	FE5-7172
Wyo	Parrish Electronics	2130 S Albion St. Denver 22, Colo	SK6-9455
For	Shallway International	1301 Angelus Ave. Los Angeles 26, Cal	NO3-0010
Foreign	Shallway International Corp	4639 162 St, Flushing 58, NY	
	WAVEFORMS INC	**333 6th Ave. New York 14, NY**	**WA9-2795**
	A Byers #2 *10 B 895		
Ariz	Koessler Sales Co	818 N Fairfax, Los Angeles 46, Cal	OL3-1605
Cal	Koessler Sales Co	676 Fulton St. San Francisco 2	JO7-0622
Cal	Koessler Sales Co	818 N Fairfax, Los Angeles 46	OL3-1605
Cal	Landis Associates	8588 W Washington Blvd. Culver City	UP0-8697
Conn	Bordewieck Eng Sales Co	221 Grove St. S Braintree 85, Mass	VI3-0845
Haw	Koessler Sales Co	818 N Fairfax Ave. Los Angeles 46, Cal	OL3-1605
Ill	Ridgway Associates	6100 W North Ave. Chicago 39	TU9-5715
Ind	Ridgway Associates	1224 N Capitol Ave. Indianapolis 2	ME5-2401
Ky	Ridgway Associates	3898 Linden Ave. Dayton 32, Ohio	CL2-5604
Me	Bordewieck Eng Sales Co	221 Grove St. S Braintree, Mass	VI3-0845
Mass	Bordewieck Eng Sales Co	221 Grove St. S Braintree	VI3-0845
Mich	Ridgway Associates	3384 12 Mile Rd. Berkley	
NH	Bordewieck Eng Sales Co	221 Grove St. S Braintree 85, Mass	VI3-0845
NJ	Industron Co	300 Northern Blvd. Great Neck, NY	HU7-2620
Ohio	Ridgway Associates	5915 Shaat Rd. Cleveland 31	LA4-1421
Ohio	Ridgway Associates	3898 Linden Ave. Dayton 32	CL2-5604
Pa	Industron Co	5359 Oxford Ave. Philadelphia	PI4-0553
RI	Bordewieck Eng Sales Co	221 Grove St. S Braintree 85, Mass	VI3-0845
Vt	Bordewieck Eng Sales Co	221 Grove St. S Braintree 85, Mass	VI3-0845
For	RCA International	Clark, NJ	FU1-1000
	WAVEGUIDE INC	**1769 Placentia Ave, Costa Mesa, Cal**	**MA8-7786**
	25-45-1135		

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	WAVELINE INC	**P. O. Box 718, Caldwell, NJ**	**CA6-9100**
	L Trummel #5 *65 E 45-285-385-650-845-895-1045-1135-1705		
Ala	Murphy & Cota	1024 N Memorial Pkwy, Huntsville	JE6-9121
Cal	Instruments for Measurements	2420 University Ave, San Diego 4	JU3-1972
Cal	Instruments For Measurements	3455 Cahuenga Blvd, Hollywood, Cal	HO9-7294
Cal	Instruments For Measurements	251 S. Murphy Ave, Sunnyvale, Cal	RE6-8560
Colo	Automatic Control & Equipment Co	5750 Pecos St, Denver, Colo	GE3-6436
Fla	Murphy & Cota	2319 E South St. Orlando	GA4-2167
Ga	Murphy & Cota	2110 Peachtree Rd, N.W., Atlanta 9, Ga	TR6-3020
Mass	Howard J Schuft Co., Inc	815 Washington St, Newtonville, Mass	LA7-5304
NY	Wall Associates	P.O. Box 161, DeWitt 14, NY	GI6-4100
NC	Murphy & Cota	1106 Burke St, Winston Salem, NC	PA4-0750
Wisc	Eder Associates	2603 N. Downer Ave, Milwaukee 11, Wisc	WO4-3450
Can	Beechey Enterprises	3212 Weston Rd, Weston, Ont	CH4-8051
	WAYNE KERR CORP	**1633 Race St, Philadelphia 3, Pa**	**LO8-4820**
	L Hughes #65 *390 B 50-220-415-895-1100-1135-1330-1850-1855		
Ala	E G Holmes & Assoc	4969 Roswell Rd NE, Atlanta, Ga	BL5-6660
Ariz	Gertsch Products	3211 S La Cienga Blvd. L A, Cal	UP0-2761
Ark	Airep Engineering Co	Box 9555, Dallas 14, Tex	TA4-3800
Cal	Gertsch Products	3211 S La Cienega Blvd. Los Angeles	UP0-2761
Cal	Gertsch Sales Corp	794 W Olive, Sunnyvale	RE6-7031
Colo	Hytronic Measurements, Inc	1295 S Bannock St. Denver	PE3-3701
Conn	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
Del	Burlingame Associates	8218 Wisconsin Ave, Wash, DC	OL4-6400
DC	Burlingame Associates	8218 Wisconsin Ave, Wash, DC	OL4-6400
Fla	E G Holmes & Associates	P.O. Box 7783, Orlando, Fla	CH1-2128
Ga	E G Holmes & Associates	4969 Roswell Rd, N. E., Atlanta, Ga	BL5-6660
Idah	Hytronic Measurements Co	2022 S Main St. Salt Lake City, Utah	IN6-4924
Ill	Bard Associates	328 Selbourne Rd. Riverside	HI7-7555
Ind	Bard Associates	328 Selbourne Rd. Riverside, Ill	HI7-7555
Iowa	Bard Associates	328 Selbourne Rd. Riverside, Ill	HI7-7555
Kan	LeeMark Associates	P.O. Box 8467, Kansas City 14, Mo	
La	E G Holmes & Associates	4969 Roswell Rd, Atlanta, Ga	BL5-6660
Me	Burlingame Associates	974 Main St, Waltham, Mass	TW1955
Md	Burlingame Associates	8218 Wisconsin Ave, Wash, DC	OL4-6400
Mass	Burlingame Associates	974 Main St, Waltham, Mass	TW1955
Mich	Tiby Co	8701 Fenkell Ave. Detroit 38	TE4-9211
Minn	Engineering Products Associates	1821 University Ave. St Paul 4	MI6-3443
Miss	E G Holmes & Associates	4969 Roswell Rd, Atlanta, Ga	BL5-6660
Mo	Lee Mark Associates	2001 Big Bend Dr, St. Louis, Mo	MI7-1470
Neb	Lee Mark Associates	P.O. Box 8467, Kansas City, Mo	
Neb	Lee Mark Associates	2001 Big Bend Dr, St. Louis, Mo	
Nev	Gertsch Products	3211 S La Cienga Blvd. L A, Cal	UP0-2761
NH	Burlingame Associates	974 Main St, Waltham, Mass	TW1955
NJ	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
NM	Hytronic Measurements, Inc	211 Sierra SE, Albuquerque	AL5-0669
NY	Burlingame Associates	514 University Bldg, Syracuse, NY	GR4-7409
NY	Burlingame Associates	510 S. Fulton Ave, Mt. Vernon, NY	MO4-7530
NC	E G Holmes & Associates	440 W Market St. Greensboro	BR2-0855
ND	Engineering Prods Assoc	1821 University Ave. St Paul, Minn	MI6-3443
Ohio	Tiby Co	2245 Warrensville Center Rd, Cleveland	ER1-5335
Okla	Airep Engineering Co	Box 9555, Dallas 14, Tex	TA4-3800
Pa	Burlingame Associates	222 Long Ln, Upper Darby, Pa	SH7-9080
RI	Burlingame Associates	974 Main St, Waltham, Mass	TW1955
SC	E G Holmes & Assoc	440 W Market St. Greensboro, NC	
SD	Engineering Prods Assoc	1821 University Ave. St Paul, Minn	MI6-3443
Tenn	E G Holmes & Associates	4969 Roswell Rd, Atlanta, Ga	BL5-6660
Tex	Airep Engineering Co	P O Box 9555, Dallas 14	TA4-3800
Utah	Hytronic Measurements, Inc	2022 S Main St. Salt Lake City	IN6-4924
Vt	Burlingame Associates	974 Main St, Waltham, Mass	TW1955
Va	E G Holmes & Assoc	440 W Market St. Greensboro, NC	
Wis	Bard Associates	328 Selbourne Rd. Riverside, Ill	HI7-7555
Wyo	Hytronic Measurements Co	1295 S Bannock St. Denver, Colo	PE3-3701
	WEBBER MFG CO., INC	**P.O. Box 217, Indianapolis 6, Ind**	**ME2-1378**
	R Webber *50 250		
	WEBCOR INC	**5610 Bloomingdale, Chicago 39, Ill**	**TU9-8500**
	H Latzer #50 *1500 G 1255-1425-1435-1870		
Ala	Robert E Evensen	3424 Spring Circle, Decatur, Ga	BU9-0742
Ariz	Shefler-Kahn Co	240 S. 1st Ave, Phoenix, Ariz	AL8-7893
Ark	E Harold Maynard Jr	2410 Harry Hines Blvd, Dallas, Tex	RI2-2027
Cal	Ray Hillebrand	1326 N. Maple, Burbank, Cal	
Colo	Shefler-Kahn Co	240 S. 1st Ave, Phoenix, Ariz	
Conn	Tim Coakley	148 Needham St, Newton Highlands, Mass	DE2-4800
Del	Dave Orkin	7500 Sherwood Rd, Philadelphia, Pa	TR8-1480
DC	Dave Orkin	7500 Sherwood Rd, Philadelphia, Pa	TR8-1480
Fla	Robert E Evensen	3424 Spring Circle, Decatur, Ga	BU9-0742
Ga	Robert E Evensen	3424 Spring Circle, Decatur, Ga	BU9-0742
Hawaii	George S Tivy	2230 W. 11th St, Los Angeles, Cal	DU7-1158
Idaho	W W Wheat & Son	2219 4th Ave, Seattle, Wash	MA4-6222
Ill	S W Ball	521 W. 85th Terr, Kansas City, Mo	EM1-1756
Ind	Frank Augustin	104 S. Ironwood Dr, South Bend, Ind	CE3-5847
Iowa	S W Ball	521 W. 85th Terr, Kansas City 14, Mo	EM1-1756
Kan	S W Ball	521 W. 85th Terr, Kansas City 14, Mo	EM1-1756
Ky	Frank Augustin	104 S. Ironwood Dr, South Bend, Ind	CE3-5847
La	E Harold Maynard Jr	2410 Harry Hines Blvd, Dallas, Tex	RI2-2027
Me	Tim Coakley	148 Needham St, Newton Highlands, Mass	DE2-4800
Md	Dave Orkin	7500 Sherwood Rd, Philadelphia, Pa	TR8-1480
Mass	Tim Coakley	148 Needham St, Newton Highlands, Mass	DE2-4800
Mich	Frank Augustin	104 S. Ironwood Dr, S. Bend, Ind	CE3-5847
Minn	Geo M Zyvoloski	2470 N. 51st St, Milwaukee 10, Wisc	HI5-0060
Miss	E Harold Maynard Jr	2410 Harry Hines Blvd, Dallas, Tex	RI2-2027
Mo	S W Ball	521 W. 85th Terr, Kansas City, Mo	EM1-1756
Mont	W W Wheat & Son	2219-4th Ave, Seattle, Wash	MA4-6222
Neb	S W Ball	521 W. 85th Terr, Kansas City, Mo	EM1-1756
Nev	Shefler-Kahn Co	240 S. 1st Ave, Phoenix, Ariz	AL8-7893
NH	Tim Coakley	148 Needham St, Newton Highlands, Mass	DE2-4800
NJ	David Orkin	7500 Sherwood Rd, Philadelphia, Pa	TR8-1480
NM	Shefler-Kahn	240 S. 1st Ave, Phoenix, Ariz	AL8-7893
NY	Todd Kearns	96 Hollstead Ave, Scarsdale, NY	SC3-9052
NC	Bob Evensen	3424 Spring Circle, Decatur, Ga	BU9-0742
ND	Geo M Zyvoloski	2470 N. 51 St, Milwaukee, Wisc	HI5-0060
Ohio	Tom Pipes	11432 Pearl Rd, Strongsville 36, Ohio	CE8-6475
Okla	E Harold Maynard Jr	2410 Harry Hines Blvd, Dallas, Tex	RI2-2027
Ore	W W Wheat & Son	2219-4th Ave, Seattle, Wash	MA4-6222

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Pa	Todd Kearns	96 Hollstead Ave, Scarsdale, NY	SC3-9052
RI	Tim Coakley	148 Needham St, Newton Highlands, Mass	DE2-4800
SC	Bob Evensen	3424 Spring Circle, Decatur, Ga	BU9-0742
SD	Geo M Zyvoloski	2470 N. 51 St, Milwaukee, Wisc	HI5-0060
Tenn	E Harold Maynard Jr	2410 Harry Hines Blvd, Dallas, Tex	RI2-2027
Tex	E Harold Maynard Jr	2410 Harry Hines Blvd, Dallas, Tex	RI2-2027
Utah	Shefler-Kahn	240 S. 1st Ave, Phoenix, Ariz	AL8-7893
Vt	Tim Coakley	148 Needham St, Newton Highlands, Mass	DE2-4800
Va	Dave Orkin	7500 Sherwood Rd, Philadelphia, Pa	TR8-1480
Wash	W W Wheat & Son	2219-4th Ave, Seattle, Wash	MA4-6222
W. Va	Tom Pipes	11432 Pearl Rd, Strongville, Ohio	CE8-6475
Wisc	Geo M Zyvoloski	2470 N. 51 St, Milwaukee, Wisc	HI5-0060
Wyo	Shefler-Kahn	240 S. 1st Ave, Phoenix, Ariz	AL8-7893
Foreign	Nevert, Wilton & Associates Inc	32 W. Randolph St, Chicago, Ill	CE6-0883
	WEBSTER ELECTRIC CO	**1900 Clark St, Racine, Wisc**	**ME3-3511**
	W Herbst *470 G 50-55-190-345-895-1750		
Cal	O Perry Yelton	2146-32nd Ave, San Francisco, Cal	MO4-6813
Cal	Moulthrop & Hunter	165 11th St, San Francisco, Cal	UN3-7880
Cal	K P Jensen Electronics	6907 Orion, Van Nuys	ST2-6969
Colo	Hyde Electronics Co	868 S. Linan St, Denver, Colo	WE6-3456
Ga	H R Dewins Co	654 Homehill Ave, N.W., Atlanta, Ga	TR5-2753
Ill	Wm Nagel & Associates	35 E. Wacker Dr, Chicago, Ill	DE2-7233
Ky	R A Hodder	2217 Eastern Ave, Covington, Ky	AX1-2511
La	C E Corrigan Jr	1210 St. Charles Ave, New Orleans, La	JA5-5644
Mass	Warren R Laidlaw	1369 Main St, Reading, Mass	RE2-4177
Mo	Kay Sales Co	2600 Grand Ave, Kansas City, Mo	BA1-3800
NM	Hyde Electronics Co	5206 Constitution, N.E., Albuquerque	AM8-1111
NY	James C Schnitter	109 Easton Ave, Buffalo, NY	HU6551
NY	D Y Robinson	295 Madison Ave, New York, NY	MU3-4797
Pa	Martin Friedman & Associates	7 Heather Rd, Bala-Cynwyd, Pa	TR7-3450
Pa	Sam J Shaw	7308 Church Ave, Pittsburgh, Pa	PO6-8000
Tex	J Y Schoomaker Co	5328 Redfield, Dallas, Tex	LA6-7238
Tex	W R Retzloff Co	Box 1786, San Antonio, Tex	LE3-7439
Utah	Hyde Electronics Co	2803 Connor St, Salt Lake City, Utah	IN7-5763
	WECKESSER CO INC	**5701 NW Hwy, Chicago 46, Ill**	**RO3-6688**
	H Ewalt #2 *25 C 285-1100-1205-1290		
	WEIL & CO., J H	**1334 Cherry St, Philadelphia 7, Pa**	**LO7-4900**
	525-1075		
NJ	Standard Blueprinting Co	310 Main St, E. Orange, NJ	OR3-0734
●	**WEINSCHEL ENGRG CO., INC**	**10503 Metropolitan Ave, Kensington, Md**	**LO4-0121**
	P Mowen #10 *160 E 50-195-895-1045-1135		
Ala	Bivins & Caldwell, Inc	Huntsville	534-5733
Ariz	Gene French Co	138 S 2nd E, Salt Lake City, Utah	EM4-3817
Ark	Airep Engineering Co	P O Box 9555, Dallas 14, Tex	TA4-3800
Cal	Astroel, Inc	349 1st St. Los Altos	WH8-3636
Cal	Weinschel Engineering, Inc	631 Wilshire Blvd. Santa Monica	EX4-1154
Cal	Weinschel Engineering, Inc	San Diego	ZE2-0622
Colo	Lahana & Co	1886 S. Broadway, Denver, Colo	PE3-3791
Conn	George Gregory Associates	P.O. Box 243, Cheshire, Conn	AT8-2900
Del	Horman Associates	3806 W. Coal Spring Ln, Baltimore, Md	HO4-8345
DC	Horman Associates	941 Rollins Ave, Rockville, Md	HA7-7560
Fla	Bivins & Caldwell, Inc	P O Box 6941, Orlando	CH1-1091
Ga	Bivins & Caldwell, Inc	3133 Maple Dr. Atlanta	233-1141
Ill	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Ind	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Iowa	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Ky	Bivins & Caldwell Inc	1923 N. Main St, High Point, NC	HI2-6873
La	Airep Engineering Co	P.O. Box 9555, Dallas 14, Tex	TA4-3800
Me	George Gregory Assoc	7 Erie Dr. Natick, Mass	OL5-1330
Md	Horman Associates	3806 W. Coal Spring Ln, Baltimore, Md	HO4-8345
Mass	George Gregory Associates	7 Erie Dr. Natick	OL5-1330
Mich	Game Engineering	1474 E Outer Dr. Detroit 34	FO6-5353
Minn	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Mont	Lahana & Co	1886 S. Broadway, Denver, Colo	PE3-3791
Nev	Gene French Co	7900 Zuni Rd. SE, Albuquerque, NM	AM8-2478
NH	George Gregory Associates	7 Erie Dr. Natick, Mass	OL5-1330
NJ	G Curtis Engel & Associates Inc	210 S. Broad St, Ridgewood, NJ	GI4-1430
NM	Gene French Co	7900 Zuni Rd, S.E., Albuquerque, NM	AM8-2478
NY	J D Ryerson Associates	P.O. Box 1400, Syracuse, NY	GI6-1771
NY	G Curtis Engel & Associates	P.O. Box 164, Huntington Sta, NY	HA3-7677
NC	Bivins & Caldwell Inc	1923 N. Main St, High Point, NC	HI2-6873
Ohio	Game Engineering	29603 Bruce Dr. Willowick, Cleveland	WH3-3731
Okla	Airep Engineering Co	P.O. Box 9555, Dallas 14, Tex	TA4-3800
Ore	J K Dooley Co	3215 Western Ave, Seattle, Wash	AT4-8313
Pa	Game Engineering	1474 E Outer Dr. Detroit 34, Mich	FO6-5353
Pa	G Curtis Engel & Associates Inc	Philadelphia, Pa	WA2-3270
RI	George Gregory Associates	7 Erie Dr. Natick, Mass	OL5-1330
SC	Bivins & Caldwell Inc	1923 N. Main St, High Point, NC	HI2-6873
Tenn	Bivins & Caldwell Inc	1923 N. Main St, High Point, NC	HI2-6873
Tex	Airep Engineering Co	P.O. Box 9555, Dallas 14, Tex	TA4-3800
Utah	Lahana & Co	1402 Major St, Salt Lake City 15, Utah	HU6-8166
Vt	George Gregory Associates	7 Erie Dr. Natick, Mass	OL5-1330
Va	Bivins & Caldwell Inc	P.O. Box 6514, Richmond, Va	EL5-7931
Wash	J K Dooley Co	3215 Western Ave, Seattle, Wash	AT4-8313
W. Va	Bivins & Caldwell Inc	1923 N. Main St, High Point, NC	HI2-6873
Wisc	Cozzens & Cudahy Inc	125 Old Orchard Arcade, Skokie, Ill	OR5-6700
Wyo	Lahana & Co	1886 S. Broadway, Denver, Colo	PE3-3791
Canada	Allan Crawford Associates	Box 214, Willowdale, Ontario, Canada	BA5-7391
For	Bureau de Liaison	113 Rue de L'Universite, Paris 7, Fr	IN99.20
For	Eric Ferner AB	Box 56, Bromma, Sweden	25-28-70
For	I R C A	Paradysstr 92, Voorburg, Holl	0-1700
For	Jacoby, Mitchell & Co. Pty., Ltd	469-476 Kent St, Sydney, NSW Aust	MA8411
For	Metroelettronica	Piazzale Libia 1, Milan, Ital	59.98.81
For	Saleico S A	Cascilla Correo N 2893, Buenos Aires, Arg	791-7138
Foreign	B & K Laboratories Ltd	4 Tilney St, London, England	GR4567
	WELCH SCIENTIFIC CO	**1515 Sedgwick St, Chicago 10, Ill**	**MI2-2000**
	810-895-1375		
	WELCRAFT PRODUCTS CO. INC	**New Carlisle, Ind**	**OL4-3111**
	F Shearer #3 *200 E 445-795-895-1290-1575-1960		
	WELDMATIC DIV UNITEK CORP	**950 Royal Oaks Dr, Monrovia, Cal**	**EL9-8361**
	A Davidson #12 *175 C 1945		
Ala	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	AM7-0411

● INDICATES ADVERTISERS IN THIS ISSUE

FOR EXPLANATION OF SYMBOLS # * A 15 SEE PG. M

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ariz	Tech-Ser, Inc	3540 Wilshire Blvd. Los Angeles, Cal	DU5-1765
Ark	Norvell Associates	3603 Lemmon Ave, Dallas 19, Tex	LA6-7861
Cal	Tech-Ser, Inc	3540 Wilshire Blvd. Los Angeles	DU5-1765
Colo	Raymond E Vinson Co	3600 S. Lincoln, Englewood, Colo	SU9-2851
Conn	Technical Instruments Inc	115 Main St, Bridgeport, Conn	FO8-4582
Del	W A Brown & Associates Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
DC	W A Brown & Associates Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Fla	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	AM7-0411
Ga	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	AM7-0411
Idaho	Stanley Enterprises	127 River St, Seattle 8, Wash	PA3-3320
Ill	Hugh Marsland & Co	6609 Lincoln Ave, Chicago 45, Ill	OR6-1100
Ind	Hugh Marsland & Co	6730 E. 19th St, Indianapolis 19, Ind	ME8-2253
Iowa	Hugh Marsland & Co	231 N. Edgewood Ave, Minneapolis, Minn	LI5-4481
Ky	W A Brown & Associates	201 Capron Rd, Indian River City, Fla	AM7-0411
La	Norvell Associates	3603 Lemmon Ave, Dallas 19, Tex	LA6-7861
Me	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
Md	W A Brown & Associates	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Mass	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
Mich	Hugh Marsland & Co	6609 Lincoln Ave, Chicago 45, Ill	OR6-1100
Mich	W P Odell Co	11631 W. McNichols Rd, Detroit 21, Mich	UN2-1573
Minn	Hugh Marsland & Co	231 N. Edgewood Ave, Minneapolis, Minn	LI5-4481
Miss	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	AM7-0411
Mo	Hugh Marsland & Co	6609 Lincoln Ave, Chicago 45, Ill	OR6-1100
Mont	Stanley Enterprises	127 River St, Seattle 8, Wash	PA3-3320
Nev	Tech-Ser, Inc	3540 Wilshire Blvd. Los Angeles, Cal	DU5-1765
NH	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
NJ	Louis A Garten & Associates	375 Passaic Ave. Caldwell	CA6-7800
NM	Vinson Associates	3600 S. Lincoln, Englewood, Colo	SU9-2851
NY	Louis A Garten & Associates	375 Passaic Ave. Caldwell, NJ	BO9-4339
NY	Advanced Components, Inc	129 Luther Ave. Liverpool	GR2-7866
NC	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	AM7-0411
Ohio	W P Odell Co	25614 Center Ridge Rd, Westlake, Ohio	TR1-8000
Okla	Norvell Associates	3603 Lemmon Ave, Dallas 19, Tex	LA6-7861
Ore	Stanley Enterprises	127 River St, Seattle 8, Wash	PA3-3320
Pa	W P Odell Co	25614 Center Ridge Rd, Westlake, Ohio	TR1-8000
Pa	Louis A Garten & Associates	730 Washington Ln, Jenkintown, Pa	WA7-1200
RI	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
SC	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	AM7-0411
Tenn	W A Brown & Associates Inc	201 Capron Rd, Indian River City, Fla	AM7-0411
Tex	Norvell Associates	3603 Lemmon Ave, Dallas 19, Tex	LA6-7861
Utah	Vinson Associates	3600 S. Lincoln, Englewood, Colo	SU9-2851
Vt	Technical Instruments Inc	90 Main St, Reading, Mass	RE2-3930
Va	W A Brown & Associates Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Wash	Stanley Enterprises	127 River St, Seattle, Wash	PA3-3320
W. Va	W A Brown & Associates Inc	3610 Mt. Vernon Ave, Alexandria, Va	TE6-1800
Wisc	Hugh Marsland & Co	6609 Lincoln Ave, Chicago 45, Ill	OR6-1100
Wyo	Vinson Associates	3600 S. Lincoln, Englewood, Colo	SU9-2851

WELDOTRON CORP — 841 Frelinghuysen Ave, Newark 12, NJ — TA4-1096
M Siegel #4 *27 C 320-820-1215

Cal	Sofe T Water Co	579 Main St, Half Moon Bay	CA6-2330
Mich	Web Co, Inc	15795 Wyoming, Detroit 38	
Minn	Jamberg Design & Mfg Co	128 S 9th St, Mpls 2	FE5-7506
NC	General Equipt Co	Drawer 1556, Statesville	TR2-2406
Ohio	Alan T Atkins	2132 W Mound St, Columbus	
Okla	Lucas Brokerage Co	534 NW 34th St, Oklahoma City 18	JA5-3739
RI	Roco Corp	38-44 Charles St, Providence	

WELEX ELECTRONICS CORP — 1000 16th St. NW, Washington, DC — DI7-3712
W Coquillette #40 *220 F 325-338-1730

• **WELLER ELECTRIC CORP** — Box 345, Easton, Pa — BL3-3521
C Robertson #2 *202 E 1825

Cal	Sinai-Johnson Inc	845 Jessie St, San Francisco 3, Cal	
Cal	Henry Feldman Co	1244 S. Grand Ave, Los Angeles 15, Cal	
Colo	W H Conners Co	375 Birch St, Denver, Colo	
Ga	Hollingsworth & Still	508 Whitehead Bldg, Atlanta 3, Ga	
Ill	Bruce Cumming & Associates	6029 W. Belmont Ave, Chicago 34, Ill	
Ind	Machabb Schroeder & Loomis	820 E. 64th St, Indianapolis 20, Ind	
Mass	Abbott & Huntis	1245 Highland Ave, Needham 92, Mass	
Mich	ABW Sales Co	10116 Puritan Ave, Detroit 38, Mich	
Minn	Mel Foster	2402 Hennepin Ave, Minneapolis 5, Minn	
Mo	Kay Sales Co	2600 Grand Ave, Kansas City 8, Mo	
NJ	Art Cerf & Co	744 Broad St, Newark 2, NJ	
Ohio	Weller-Rate Co	P. O. Box 212, Worthington, Ohio	
Tex	George E Anderson Co	1901 Griffin St, Dallas 2, Tex	
Wash	Northwestern Agencies Inc	4130 First Ave, S., Seattle 4, Wash	

WELLINGTON ELECTRONICS — 65 Honeck St, Engelwood, NJ — LO7-2620
J Musser #9 *50 C

WELLS ELECTRONICS CO — 1701 S. Main St. S. Bend 23, Ind — AT8-4651
R Larson #4 *55 C 50-65-135-150-180-220-230-320-345-360-415-450-510-585-670-715-795-880-895-960-1075-1125-1150-1200-1230-1285-1290-1340-1445-1565-1580-1725-1730-1775-1780-1785-1810-1830-1855-1890-1945

Ark	Thomson Eng. Service	2520 Oak Lawn St. Dallas 19, Tex	LA6-8741
Cal	Robison Co., The	4026 W. 183rd St. Torrance	FR9-5531
Conn	Conn. Sales Eng. Co	137 Thompson St. New Haven	LO2-2682
Fla	Components Sales Corp	Box 178, N. Miami Beach 62	FR4-1391
Ill	Thomson Eng. Service	8230 Forsyth Blvd. St. Louis, Mo	PA7-7705
Ind	A E Williams	Route 1, Markle	SK8-5703
Iowa	Thomson Eng. Service	8230 Forsyth Blvd. St. Louis, Mo	PA7-7705
Kan	Thomson Eng. Service	8230 Forsyth Blvd. St. Louis, Mo	PA7-7705
Ky	Frederick & Nearing Co	4420 Bridgetown Rd. Cinc, Ohio	MO2-1781
La	Thomson Eng. Service	2520 Oak Lawn St. Dallas 19, Tex	LA6-8741
Me	Conn. Sales Eng. Co	137 Thompson St. New Haven, Conn	LO2-2682
Mass	Conn. Sales Eng. Co	137 Thompson St. New Haven, Conn	LO2-2682
Mich	A E Williams	Route 1, Markle, Ind	SK8-5703
Mo	Thomson Eng. Service	8230 Forsyth Blvd. St. Louis	PA7-7705
NH	Conn. Sales Eng. Co	137 Thompson St. New Haven, Conn	LO2-2682
NJ	P Saffer Assoc. Inc	157 W. 57th St. NY 19, NY	CI7-3855
NY	P Saffer Assoc. Inc	157 W. 57th St. NY 19	CI7-3855
NY	Eugene J Schonburg Co	830 Linden Ave. Rochester	LU6-0725
Ohio	Frank Kuppin & Assoc	384 W. 1st St. Dayton 2	BA2-8811
Ohio	Frederick & Nearing Co	4429 Bridgetown Rd. Cinc	MO2-1781
Ohio	A E Williams	Route 1, Markle, Ind	SK8-5703
Okla	Thomson Eng. Service	2520 Oak Lawn St. Dallas 19, Tex	LA6-8741
RI	Conn. Sales Eng. Co	137 Thompson St. New Haven, Conn	LO2-2682
Tex	Thomson Eng. Service	2520 Oak Lawn St. Dallas 19	LA6-8741
Vt	Conn. Sales Eng. Co	137 Thompson St. New Haven Conn	LO2-2682

WELLS-GARDNER ELECTRO CORP — 2701 N Kildare Ave. Chicago 39, Ill — AL2-8220
G Gardner #27 *900 G 360-1255-1425-1895

WELLS CO. INC. GARY — 16 W. Jamaica Ave. Valley Stream, NY — LO1-2914
G Wells 220-805-1475

Cal	Martin & Ozier	213 S. Hawthorne Blvd. Hawthorne	OR8-6106
Ill	C R Blazat Co	5306 W. Lawrence Ave, Chicago 30	KI5-0244
NC	Bill Henry Assoc	Box 6073, Charlotte 7	FR5-8358
Pa	George Shrips	1625 Spruce St, Philadelphia 3, Pa	KI6-1066
Tex	Hal F Corry Co	6315 Hillcrest Ave. Dallas 5	LA8-9172

WELLS INDUSTRIES CORP — 6830 Troost Ave. N. Hollywood, Cal — PO5-6040
E Gibson Jr #21 *110 E 180-235-338-360-445-670-825-895-1215-1330-1360-1570-1850

Cal	M A Steinhoff Co	4622 W. Slauson Ave, Los Angeles, Cal	AX3-6226
Colo	Inland Assoc	1003 Saturn Dr. Colorado Springs	ME3-2050
DC	Wells Industries Corp.-Atlantic Div	3000 Connecticut Ave. NW	
Fla	Atchenson & Adams	Box 138, Fern Park	
Ga	Atchenson & Adams	Box 4867, Atlanta	
Kan	E N Fitzgerald Co	6427 E. Kellogg, Wichita 7	
Kan	Inland Assoc	6047 Howe Dr. Mission	
Mass	Mostler & Peyser	945 Great Plains Ave. Needham 92	
Minn	Hultgren & Stutzel Co	2395 University, St. Paul 14, Minn	MI5-8121
Mo	Inland Assoc	25 S. Bemiston Ave. Clayton	
NJ	M E Maxwell Inc	45 N. Broad St, Ridgewood, NJ	GI5-7171
NY	Paul A Aaron	Professional Bldg, Port Washington, NY	PO7-8450
NY	L Jacobsen Co, Inc	1366 Kenmore Ave, Buffalo 23	
NC	Atchenson & Adams	601 N. Elm St, Greensboro	
Ohio	Scarp Engineering Sales Co	Box 2003, Kettering Branch, Dayton 29	TU5-2661
Ohio	W J Brauer & Assoc	15631 Lakewood Hts Blvd, Cleve 7	
Pa	Arnold Assoc	528 Ryers Ave. Cheltenham	
Tenn	Atchenson & Adams	Box 157, Nashville	
Tex	Campion Sales Co	9802 Chancellor Row, Dallas 35	
Tex	Kencar Co	P.O. Box 6704, Ft. Worth, Tex	WA3-4476
Wash	Technical Sales Co	1731 1st Ave, S., Seattle, Wash	SE5532
Wash	Don Smith Sales Co	2320 N. 45 St, Seattle, Wash	ME3-3160

WELSH CO., INC., WM H — 2241 S. Indiana Ave, Chicago, Ill — CA5-5454
C Matthews #4 *150 D 400-765-900-1290-1680

WELTRONIC CO — 19500 W. Eight Mile Rd, Southfield, Mich — KE2-2000
W Smith #30 *150 B 360-365-1340-1455-1810-1915

Cal	Dan Morgan	7870 S. Western Ave, Los Angeles, Cal	PL8-1520
Ill	L Vroman	1134 W. 69th St, Chicago, Ill	HU3-9465
Mo	Joe Heater	1015 Manor Ct, Kirkwood 22, Mo	YO6-8536
NY	Glenn Heck	2088 Berg Rd, Buffalo, NY	FA2020
Ohio	L W Bartko	Dayton	BA3-9545
Ohio	Harold Feldhouse	2903 Merriweather, Warren, Ohio	EX9-3135
Pa	Tom Edwards	10157 Ferndale St, Phila 16, Pa	HO4-3322
Can	E Munn	3201 Marentette Ave. Windsor, Ont	CL2-2701

WELWYN INTERNATIONAL INC — 3355 Edgecliff Ter, Cleveland 11, Ohio
895-1135-1475

WEN PRODUCTS INC — 5800 North West Hwy, Chicago 31, Ill — RO3-6060
V Donaldson #6 *150 C 1825-1915

WENCO MFG CO (SIMPLEX) — 1133 W. Hubbard St, Chicago 22, Ill — CH3-3535
125-1715

Cal	R C Dudek & Co	497 N. Maple Dr. Beverly Hills, Cal	BR2-4797
NY	J Ramsen Reese Inc	71 Murray St, New York 7, NY	WO2-4059

WERNER ELECTRONICS INC — Beryllium Rd. Scotch Plains, NJ — AD3-2131
C Werner #2 *6 A 345-1630

NJ	A L Livera & Assoc. Inc	2 Green Village Rd. Madison	FR7-3220
NY	A L Livera & Assoc. Inc	15-51 Franklin Ave. Mineola	PI1-7044
Pa	A L Livera & Assoc. Inc	2 Green Village Rd. Madison, NJ	FR7-3220

WEST COAST ELECTRICAL MFG CORP — 233 W. 116th Pl, Los Angeles 61, Cal — PL5-1130
W Seal #3 *34 D 1645

WEST COAST RESEARCH CORP — 2102 S Sepulveda Blvd. L A 25, Cal — GR8-8833
R Owens #11 B 250-370-895-990-1850

WEST INSTRUMENT CORP — 4363 W. Montrose, Chicago 41, Ill — AV6-1007
A Willer #10 *105 E 360-895-905-1795-1960

Ala	J L Highsmith & Co	3012 Acklen Dr. SW. Huntsville	JE9-6734
Ala	Electron Equipment Co., Inc	2418 Calhoun St, New Orleans 18, La	UN1-4485
Ark	Craig Ind. Eqpt	Box 5776, Memphis, Tenn	BR7-5777
Ark	Jack M Gilbert Co	131 E. 70th St, Kansas City 13, Mo	DE3-8830
Cal	Control Engineers	2831 7th St. Berkeley 10	TH1-7869
Cal	Instrument Laboratory	1036 W. Florence Ave, L A 47, Cal	PL2-4104
Colo	Landes, Zachary & Peterson Co	601 S. Jason St, Denver 23, Colo	SH4-1311
Conn	Gibson Engineering Co	141 Washington St, Hartford 6, Conn	CH7-6919
Del	A&M Assoc. Inc	1145 19th St. Wash, DC	FE8-5116
Del	Gamble Brothers	571 Fairview St, Riverside, NJ	HO1-4068
DC	A&M Assoc. Inc	1145 19th St. Wash	FE8-5116
Fla	Lewis M Crowe Co	111 Tuxedo Terr, N.W., Atlanta 5, Ga	CE7-9209
Ga	Lewis M Crowe Co	111 Tuxedo Terr, N.W., Atlanta 5, Ga	CE7-9209
Idaho	Landes, Zachary & Peterson Co	2501 S. State St, Salt Lake City 15, Utah	HU7-7873
Idaho	Branom & Leeland Instrument Co	2137 2nd Ave, Seattle 1, Wash	MA2-7320
Ill	Warner Instrument & Sales Co	6548 W. Higgins Ave, Chicago 31, Ill	NE1-6778
Ill	J H Laas Co	1630 State St. Bettendorf, Iowa	355-6133
Ill	Ray Welch Co	6336 Columbia Ave, Hammond, Ind	WE2-4474
Ill	Edward W Mooney	4653 Enright, St. Louis 8, Mo	PA5-4271
Ind	Ray Welch Co	6336 Columbia Ave, Hammond, Ind	WE2-4474
Ind	Engineering Specialties	8115 Camargo Rd, Cincinnati, Ohio	LO1-6803
Iowa	J H Laas Co	1630 State St. Bettendorf	355-6133
Kan	Jack M Gilbert Co	131 E. 70th St, Kansas City 13, Mo	DE3-8830
Ky	Engineering Specialties	8115 Camargo Rd, Cincinnati 43, Ohio	LO1-6803
La	Electron Equipment Co., Inc	2418 Calhoun St, New Orleans 18, La	UN1-4485
La	Esch & Associates Inc	108 Portwood, Houston 11, Tex	WA8-3357
Me	Gibson Engineering Co	1018 Commonwealth Ave, Boston 15, Mass	AS7-5074
Md	Gamble Brothers	571 Fairview St, Riverside, NJ	HO1-4068
Md	Earl E Whitaker & Son	822 Wood St, Pittsburgh, Pa	FR1-6220
Mass	Gibson Engineering Co	1018 Commonwealth Ave, Boston 15, Mass	AS7-5074
Mich	Industrial Temperature Control Co	2210 N. York St, Dearborn, Mich	CR8-2210
Mich	Smith Instrument & Equipment Co, Inc	900 N. Monroe St, Grand Rapids 2, Mich	GL8-4602
Minn	Ind. Electronics Inc	Colfax & 2nd Ave. N, Mpls	FR4-1951
Miss	Craig Industrial Equipment Co	Box 5776, 1111 Poplar, Memphis 4, Tenn	BR5-5777
Miss	Electron Equipment Co., Inc	2418 Calhoun St, New Orleans 18, La	UN1-4485
Mo	Edward W Mooney	4653 Enright, St. Louis, Mo	PA5-4271
Mo	Jack M Gilbert Co	131 E. 70th St, Kansas City 13, Mo	DE3-8830
Mont	Landes, Zachary & Peterson Co	601 S. Jason St, Denver 23, Colo	SH4-1311
Neb	Jack M Gilbert Co	131 E. 70th St, Kansas City 13, Mo	DE3-8830
Neb	Landes, Zachary & Peterson Co	601 S. Jason St, Denver 23, Colo	SH4-1311
Nev	Landes, Zachary & Peterson Co	2501 S. State St, Salt Lake City 15, Utah	HU7-7873
NH	Gibson Engineering Co	1018 Commonwealth Ave, Boston 15, Mass	AS7-5074
NJ	Herman Brager Co, Inc	1060 Broad St, Newark 2, NJ	MA3-6554
NJ	Gamble Brothers	571 Fairview St, Riverside, NJ	HO1-4068
NM	Lietz Eqpt. Co	421 S. Grandview, Odessa, Tex	FE7-3581
NY	Herman Brager Co, Inc	1060 Broad St, Newark 2, NJ	MA3-6554
NY	Niagara Electric Sales Co	505 Delaware Ave, Buffalo 2, NY	[illegible]
NY	Niagara Electric Sales Co	133 S. Clinton St, Rochester 4, NY	HA6-2270
NC	James L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
Ohio	Instrument Service & Equipment Inc	3519 W. 117th St, Cleveland 11, Ohio	OR1-4102
Ohio	Engineering Specialties	8115 Camargo Rd, Cincinnati 43, Ohio	LO1-6803
Ohio	Earl E Whitaker & Son	822 Wood St, Pittsburgh, Pa	FR1-6220
Okla	Paul King Co	826 N. Fulton St, Tulsa 15, Okla	TE6-2501
Ore	Branom & Leeland Instrument Co	6019 N.E. Union Ave, Portland 11, Ore	BU5-5205
Pa	Gamble Brothers	571 Fairview St, Riverside, NJ	HO1-4068
Pa	Earl E Whitaker & Son	822 Wood St, Pittsburgh, Pa	FR1-6220
RI	Gibson Engineering Co	1018 Commonwealth Ave, Boston 15, Mass	AS7-5074
SC	James L Highsmith & Co	3733 Monroe Rd, Charlotte 5, NC	FR7-2546
SD	Landes, Zachary & Peterson Co	601 S. Jason St, Denver 23, Colo	SH4-1311
Tenn	J L Highsmith & Co	Box 536, Richmond, Va	EL9-1411
Tenn	J L Highsmith & Co	3012 Acklen Dr. SW. Huntsville, Ala	JE9-6734
Tenn	Craig Industrial Equipment Co	1101 Poplar, Memphis 4, Tenn	BR5-5777
Tex	Esch & Associates Inc	108 Portwood, Houston 11, Tex	WA8-3357
Tex	Paul King Co	826 N. Fulton St, Tulsa 15, Okla	TE6-2501
Tex	Lietz Eqpt	421 S. Grandview, Odessa	FE7-3581
Utah	Landes, Zachary & Peterson Co	2501 S. State St, Salt Lake City 15, Utah	HU7-7873
Va	J L Highsmith & Co	Box 536, Richmond	EL9-1411
Va	A&M Assoc. Inc	1145 19th St. Wash, DC	FE8-5116
Vt	Gibson Engineering Co	1018 Commonwealth Ave, Boston 15, Mass	AS7-5074
Wash	Branom & Leeland Instrument Co	2137 2nd Ave, Seattle 1, Wash	MA2-7320
W Va	A&M Assoc. Inc	1145 19th St. Wash, DC	FE8-5116
W. Va	Earl E Whitaker & Son	822 Wood St, Pittsburgh, Pa	FR1-6220
Wisc	Warner Instrument & Sales Co	2040 W. Wisconsin Ave, Milwaukee 3	WE3-2566
Wyo	Landes, Zachary & Peterson Co	601 S. Jason St, Denver 23, Colo	SH4-1311

WEST VIRGINIA PULP & PAPER CO — Covington, Va — 962-2111
C Reyns *12,000 G 110-900-905

Ill	West Virginia Pulp & Paper Co	35 E. Wacker Dr, Chicago 1, Ill	FR2-7620
NY	West Virginia Pulp & Paper Co	230 Park Ave. New York 17	MU6-8400

WESTAMP INC — 11277 Mass Ave, Los Angeles 25, Cal — GR8-0894
R Hennessy #3 *15 B 470-895-915

Cal	Enright Engineering Co	Redwood City	EM9-5300
Cal	Enright Engineering Co	San Diego	BR4-6524
Cal	Enright Engineering Co	302 W. Arbor Vita St, Inglewood, Cal	OR3-0206
NY	Rever Associates	175 Willow St, Garden City	PI1-3811

WESTBERG MFG. CO — Box 239, Napa, Cal — BA6-5218
V Westberg #3 *15 B 895

Cal	Joseph Kohout	10555 E. Olive St, Temple City, Cal	GI8-0956
NJ	John Hughes	76 Sherman Pl, Irvington, NJ	ES3-3041
Colo	N G Hetzel	4200 Kendall, Wheatridge, Colo	HA4-7265

WESTERN COIL & ELECTRICAL CO — 215 State St, Racine, Wisc — ME2-4741
A 45-70-135-905-990-1225-1290

WESTERN DESIGN & ELECTRONICS DIV U S IND INC — Santa Barbara Airport, Goleta, Cal — WO7-4571
S Werber #8 *260 255-365-895-915-1165-1455-1460-1855

Ark	L E Saterstrom	Wichita, Kan	JA4-0894
Cal	Western Design & Electronics	1009 Alvarado Crest Rd. La Habra	OW1-1413
Del	U S Industries, Inc	1612 K St. Washington 6, DC	ST3-8555
DC	U S Industries, Inc	1612 K St, Washington 6	ST3-8555
Ga	Western Design & Electronics	1224 Peachtree Rd, Atlanta 5	CE3-2837
Kan	L E Saterstrom	Wichita	JA4-0894
Md	U S Industries, Inc	Washington, DC	ST3-8555
Wash	T R Bottone	Renton	AL5-0401

• **WESTERN DEVICES INC** — 600 W. Florence Ave, Inglewood, Cal — OR8-7827
R Vannemann #3 *120 180-370-670-675-720-785-1390

Ala	Col-Ins-Co, Inc	5728 Precision Dr, Orlando, Fla	CH1-1501
Cal	Mil Tech Sales Co	66 S. P St, Livermore	HI7-2220
Colo	H P Daigle	651 S. Jason St, Denver 23	SH4-2311
Conn	Abbott & Huntis	1245 Highland Ave, Needham, Mass	HI5-4570
Del	R L Ringer Co	14 Glen Ave, Glen Rock, NJ	GI4-1434
DC	R L Ringer Co	14 Glen Ave, Glen Rock, NJ	GI4-1434
Ga	Col-Ins Co, Inc	5728 Precision Dr, Orlando, Fla	CH1-1501
Idah	Remco	2745 W. St. Helens, Seattle, Wash	
Ill	R M Krueger Co	4730 N. Harlem Ave, Chicago 31	UN7-7100
Ind	Chassis Trak Inc	525 S. Webster, Indianapolis 19, Ind	
Ind	R M Krueger Co	4730 N. Harlem Ave.	
Kan	A Barnes Co	Dallas, Tex	LA6-7835
La	A Barnes Co	Dallas, Tex	LA6-7835
Md	R L Ringer Co	Glen Rock, NJ	GI4-1434
Mass	Abbott & Huntis	Box 293, Needham	HI4-5470
Mich	Gaine Eng	1474 E. Outer Dr, Detroit	FO6-5353
Miss	Col-Ins Co, Inc	5728 Precision Dr, Orlando, Fla	CH1-1501
Mo	A Barnes Co	3603 Lemmon Ave, Dallas, Tex	LA6-8735
NJ	R L Ringer Co	14 Glen Ave. Glen Rock	GI4-1434
NY	R L Ringer Co	14 Glen Ave, Glen Rock, NJ	GI4-1434
NC	R L Ringer Co	14 Glen Ave. Glen Rock, NJ	GI4-1434
Okla	A Barnes Co	3603 Lemmon Ave, Dallas Tex	LA6-8735
Ore	Remco	2745 W. St. Helens, Seattle, Wash	PA3-3402
Pa	R L Ringer Co	14 Glen Ave, Glen Rock, NJ	GI4-1434
SC	Col-Ins-Co. Inc	5728 Precision Dr, Orlando, Fla	CH1-1501
Tex	A Barnes Co	Dallas, Tex	LA6-8735
Utah	H P Daigle	651 S. Jason St, Denver 23, Colo	SH4-2311
Va	Col-Ins-Co, Inc	5728 Precision Dr, Orlando, Fla	CH1-1501

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Wash	Remco	2745 W. St. Helens, Seattle	PA3-3480
Wis	R M Krueger	4738 N Harlem Ave. Chicago 31, Ill	UN7-7100
Wyo	H P Daigle	651 S. Jason Ave. Denver 23, Colo	
	WESTERN ELECTRO-ACOUSTIC LAB	**11787 San Vicente Blvd, Los Angeles, Cal**	
	250-670-895-1730-1760-1915		
	WESTERN ELECTRONIC PRODUCTS CO	**2420 N. Lake Ave, Altadena, Cal**	**SY4-6379**
	A Schreiber B 1715		
Cal	Paul Hutches Co	2396 E. Foothill Blvd, Pasadena	MU1-8957
Fla	Moore Industrial Tooling Co	1110 W. Pine St, Orlando, Fla	CH1-4541
NY	Resco Electronics Inc	240-1 Old Country Rd. Hicksville	WE8-0022
Ohio	Roger E Schlemmer	8442 Curzon Ave, Cincinnati 16, Ohio	PO1-2916
Tex	Fleming Eng. Service Co	7001 Glen Hills Rd, Fort Worth 11	AT4-2683
Wash	Fred H Haight Co	3212 E. Lake Ave. Seattle 2	EA2-1818
Can	L J Bardwell Co	Box 142, Sta. D, Toronto, Ont	RO6-2376
	WESTERN FELT WORKS	**4029 Ogden Ave, Chicago, Ill**	**CR7-8000**
	J Henry #10 *900 620-625-660-750-770-900-975-1230-1290-1505		
Cal	G B Tewes Co	761 E. 9th St. LA 21	
Fla	Western Felt Works	2413 S.W. 34th Ave, Ft. Lauderdale,	LU3-6831
Ind	Western Felt Works	2212 S. Calhoun St, Ft. Wayne, Ind	KE0113
Ky	Western Felt Works	Wallace Center, Louisville 7, Ky	TW5-6545
Mass	Western Felt Works	16-A Eaton Sq, Needham, Mass	HI4-3431
Mich	Western Felt Works	26485-7 Grand River Ave, Detroit, Mich	KE5-8930
Minn	Western Felt Works	3424 E. Lake St, Minneapolis, Minn	PA1-4465
Mo	Western Felt Works	1023 S. Big Bend Blvd, St. Louis 17	CE1-1767
NY	Western Felt Works	42-48 E. 20 St, New York 3, NY	AL4-3300
NY	Western Felt Works	237 Pool St, Rochester, NY	BE5-2127
Ohio	Western Felt Works	1991 Lee Rd, Cleveland 18, Ohio	YE2-2033
Tex	Jack Richardson	5531 Lobello Dr, Dallas, Tex	EM8-5655
Wash	Associated Industries	1752 Ranier Ave, Seattle 44, Wash	MI4400
Wisc	Western Felt Works	161 W. Wisconsin Ave, Milwaukee 3, Wisc	BR6-1828
	WESTERN GEAR CORP ELECTRO PRODUCTS DIV	**132 W. Colorado, Pasadena 1, Cal**	**MU1-6604**
	T Yoakle #15 *150 E 105-205-895-1160-1165-1645		
Ariz	Fred Schaeffer Associates	5822 S Wilshire Dr. Tucson	AX8-6173
Ark	Jacobson Co	P O Box 9702, Dallas 14, Tex	FL1-3362
Cal	J R Robbins Co	9046 Sunset Blvd. Los Angeles 46	BR2-8491
Conn	Zaslow Sales Co., Inc	108 Foxcroft Rd. W Hartford	AD6-3265
DC	L G White & Co	880 Bonifant St, Silver Spring, Md	JU5-3141
Idaho	Fred H Haight Co	3212 Eastlake Ave. Seattle 2	EA2-1818
Ill	P G M Component Sales Inc	2842 N Sheridan Rd. Chicago	BU1-2112
Ind	P G M Component Sales Inc	2842 N Sheridan Rd. Chicago, Ill	BU1-2112
Iowa	P G M Component Sales Inc	2842 N Sheridan Rd. Chicago, Ill	BU1-2112
Kan	Thunderbird Eng Sales & Services	6405 E. Kellogg, Wichita, Kan	MU4-3941
La	Jacobson Co	P O Box 9702, Dallas 14, Tex	FL1-3362
Me	Zaslow Sales Co Inc	108 Foxcroft Rd. W Hartford, Conn	AD6-3265
Md	L G White Co	880 Bonifant St, Silver Spring, Md	JU5-3141
Mass	Godwin Co	371 Howard St. Northboro	EX3-8150
Mich	J L Montgomery Co	P O Box 95, Birmingham	MI6-6894
Minn	Geo C May Co	3651 Cedar Ave, S., Minneapolis, Minn	PA9-9347
Mo	Thunderbird Eng Sales & Services	2626 Main St, Kansas City, Mo	WE1-9779
Mo	Thunderbird Eng Sales & Services	7811 Carondelet Ave. St Louis	PA6-1413
Mont	Fred H Haight Co	3212 Eastlake Ave. Seattle 2	EA2-1818
NH	Zaslow Sales Co Inc	108 Foxcroft Rd. W Hartford, Conn	AD6-3265
NJ	E R A Inc	340 Great Neck Rd. Great Neck, NY	HU2-9320
NM	Fred Schaeffer Associates	5822 S Wilshire Dr. Tucson	AX8-6173
NY	E R A Inc	340 Great Neck Rd, Great Neck, NY	HU2-9320
NY	Harry H Cardozo	4548 Main St. Buffalo 26	TE9-2243
NY	Al Zissler	3776 E Ave. Rochester 18	LU6-[illegible]
NC	L G White & Co	2710 Beach St. Winston-Salem	PA5-3612
Ohio	Components Eng Co	7461 N. Linden Ln, Cleveland 30, Ohio	VI2-2737
Okla	Jacobson Co	P O Box 9702, Dallas 14, Tex	FL1-3362
Ore	Fred H Haight Co	3212 Eastlake Ave. Seattle 2	EA2-1818
Pa	Components Eng Co	7461 N. Linden Ln, Cleveland, Ohio	VI2-2737
RI	Zaslow Sales Co Inc	108 Foxcroft Rd. W Hartford	AD6-3265
Tex	Jacobson Co	P O Box 9702, Dallas 14	FL1-3362
Utah	Fred Schaeffer Associates	5822 S Wilshire Dr. Tucson, Ariz	AX8-6173
Vt	Zaslow Sales Co Inc	108 Foxcroft Rd. W Hartford	AD6-3265
Va	L G White Co	880 Bonifant St, Silver Spring, Md	JU5-3141
Wash	Fred H Haight Co	3212 Eastlake Ave. Seattle 2	EA2-1818
	WESTERN GOLD & PLATINUM CO SUB WILBUR B DRIVER CO	**525 Harbor Blvd, Belmont, Cal**	**LY3-3121**
	H Mason #12 *110 E 240-900-1125-1135-1350-1960		
	WESTERN INSULATED WIRE CO	**2425 E. 30 St, Los Angeles 58, Cal**	**LU7-7103**
	J Stumph #3 *200 E 190-1960		
Ariz	John Carder, Jr Co	1624 1st St NW, Albuquerque, NM	CH2-3581
Cal	Electrorep, Inc	672 Townsend St. San Francisco 3	MA6-0225
Colo	John Carder, Jr Co	1624 1st St NW, Albuquerque, NM	CH2-3581
Conn	Fred Ives	Newton Ave, Norwalk, Conn	
Fla	John R Collins & Assoc	1708 "A" St. Tampa 7	84-6941
Ga	Frank B Davis	701 Spring St NW, Atlanta 8	TR5-2278
Haw	Alfred E Linzell Co	1507 Kapiolani Blvd. Honolulu 14	912-291
Ill	Korak-Crossey Co	15 N Jefferson St. Chicago 6	ST2-6681
Ind	Larry A Mooney	4640 Anita Dr, Indianapolis, Ind	ST6-8798
Kan	Curt H Conrad Co	1665 Jarboe St. Kansas City 41, Mo	BA1-3990
Ky	Fultz & Co	2621 Valetta Rd. Louisville 5	GL2-2996
Ky	Fultz & Co	2621 Valletta Rd, Louisville 5, Ky	GL2-2996
La	Art Wachter & Co	609 Tchoupitoulas, New Orleans 12	JA5-1744
Mass	D & F Sales Co., Inc	755 Boylston St. Boston 16	KE6-2042
Mich	J J Minor Co	4857 St Aubin, Detroit 7	TO5-6313
Minn	R D Little Co	3515 Raleigh Ave, Minneapolis 16	WA7-7343
Mo	Curt H Conrad Co	1665 Jarboe St, Kansas City 41, Mo	BA1-3990
NJ	McKay & Burgoyne	Box 192, Ridgefield	MI3-2001
NM	John Carder Jr Co	1624 1st St, N.W., Albuquerque, NM	CH2-3581
NY	McKay & Burgoyne	Box 55, Inwood Sta. New York 34	PL7-6325
NY	E J Haines & Son	322 Vine St. Syracuse 3	GR4-3336
NC	G H Hogshead Co	211 N. Worthington Dr, Charlotte 3, NC	FR5-5924
Ohio	Theodore H Gage & Co	20475 Farnsleigh Rd, Cleveland, Ohio	SK2-4477
Ohio	Robert L Schaals	101 N. High St, Columbus 15, Ohio	CA8-3909
Ore	George M Roth	1504 N.W. Johnson, Portland 9, Ore	CA7-5654
Pa	A J Nuce & Associates, Inc	1303 Lebanon Church Rd. Pittsburgh 36	
Pa	William C Weide & Sons	120 N. 32nd St, Philadelphia 4, Pa	EV6-0925
Tenn	Russ D Thomas Co	190 S. Main St, Memphis, Tenn	JA7-2492
Tex	Jack Morgan Co. Inc	2200 Griffin St. Dallas 7	RI2-8371
Tex	Jack Morgan Co., Inc	614 Kipling St. Houston 26	
Utah	T R Vanhoggner	1415 S. Main St, Salt Lake City, Utah	IN5-2461
Wash	J H Stumph Co	1000 4th Ave, S., Seattle 4, Wash	MU2-5232
W. Va	Leo A Rosch	5010 New Kent Rd, Richmond 25, Va	EL8-0023
Wis	Martin Electrical Sales, Inc	1108 N 3rd St. Milwaukee 2	BR1-6500
	WESTERN RADIATION LAB	**1107 W. 24 St, Los Angeles 7, Cal**	**RI7-8355**
	895-1670-1915		
	WESTERN SCIENTIFIC INSTRUMENT CO., INC	**890 Warrington Ave. Redwood City, Cal**	**EM9-2954**
	J Dobrin #5 *43 C 195		
Cal	Western Scientific Inst Co., Inc	5903 Noble Ave. Van Nuys	ST6-9807
	WESTERN SKY INDUSTRIES	**21301 Cloud Way, Hayward, Cal**	**JE7-1334**
	R Henderson #1 *0 C 645-770-1205		
Cal	John Robison Co	4026 W 183 St. Torrance	FR9-5531
Cal	H Norman Eierman	P O Box 412, Alameda	LA3-9496
Conn	East Coast Engineering	1405 Northern Blvd. Roslyn, NY	MA1-7500
Del	East Coast Engineering	1405 Northern Blvd. Roslyn, NY	MA1-7500
DC	East Coast Engineering	1405 Northern Blvd. Roslyn, NY	MA1-7500
Fla	Holcombe's Sales Agency	3230 Peachtree Rd. Atlanta 5, Ga	CE3-2837
Ga	Holcombe's Sales Agency	3230 Peachtree Rd. Atlanta 5	CE3-2837
Ill	East Coast Engineering	625 Hickory Ln. St Louis 31, Mo	YO6-4815
Ind	East Coast Engineering	625 Hickory Ln. St Louis 31, Mo	YO6-4815
Me	East Coast Engineering	1405 Northern Blvd. Rosyln, NY	MA1-7500
Md	East Coast Engineering	1405 Northern Blvd. Rosyln, NY	MA1-7500
Mass	East Coast Engineering	1405 Northern Blvd. Rosyln, NY	MA1-7500
Mich	East Coast Engineering	625 Hickory Ln. St Louis 31, Mo	YO6-4815
Mo	East Coast Engineering	625 Hickory Ln. St Louis 31	YO6-4815
Nev	H Norman Eierman	P O Box 412, Alameda, Cal	LA3-9495
NH	East Coast Engineering	1405 Northern Blvd. Roslyn, NY	MA1-7500
NJ	East Coast Engineering	1405 Northern Blvd. Roslyn, NY	MA1-7500
NY	East Coast Engineering	1405 Northern Blvd. Roslyn	MA1-7500
Ohio	East Coast Engineering	1405 Northern Blvd. Roslyn, NY	MA1-7500
Pa	East Coast Engineering	1405 Northern Blvd. Roslyn, NY	MA1-7500
RI	East Coast Engineering	1405 Northern Blvd. Roslyn, NY	MA1-7500
Vt	East Coast Engineering	1405 Northern Blvd. Rosyln, NY	MA1-7500
Va	East Coast Engineering	1405 Northern Blvd. Roslyn, NY	MA1-7500
Wash	Frank Krepelka	11457 Main St. Bellevue	
W Va	East Coast Engineering	1405 Northern Blvd. Roslyn, NY	MA1-7500
For	Northrop Aircraft Corp	1001 E Broadway, Hawthorne, Cal	
•	**WESTERN TRANSISTOR CORP**	**13021 S Budlong Ave. Gardena, Cal**	**FA1-5741**
	A Blaesh #4 *40 D 1860		
Ala	William M Jones Co., Inc	1437 Kenilworth Dr SW, Atlanta 10, Ga	PL5-5318
Ariz	Williams & Associates, Inc	3221 Silver Ave SE, Albuquerque, NM	AL5-9632
Ark	N S Brown	5952 Boca Raton Dr. Dallas 30, Tex	EM3-3698
Cal	Featherstone & Salisbury Inc	1355 Market St, San Francisco 3, Cal	UN1-1466
Cal	Meredith Engineering Associates	385 E. Green St, Pasadena, Cal	MU1-9957
Colo	Williams & Associates, Inc	2263 S Albion St. Denver 22	SK6-9403
Del	William M Jones Co., Inc	1107 Echo Ct N, Towson 4, Md	VA3-5721
DC	William M Jones Co., Inc	1107 Echo Ct N, Towson 4, Md	VA3-5721
Fla	William M Jones Co., Inc	711 Magnolia Ave. Orlando	GA4-6298
Ga	William M Jones Co., Inc	1437 Kenilworth Dr Sw, Atlanta 10	PL5-5318
Idaho	Dave Miller Sales Co	2323 N 45th St. Seattle 3, Wash	ME2-7070
Ill	R T Mathews & Co	2113 S Western Ave. Chicago	VI7-7220
Ind	R T Mathews & Co	5860 Norwaldo Ave. Indianapolis	CL1-3803
Ky	R T Mathews & Co	1127 Wells St. Fort Wayne, Ind	EA3917
Md	William M Jones Co., Inc	1107 Echo Ct N, Towson 4	VA3-5721
Mich	R T Mathews & Co	1127 Wells St. Fort Wayne, Ind	EA3917
Mont	Dave Miller Sales Co	2323 N 45th St. Seattle 3, Wash	ME2-7070
Neb	Allen Williams & Associates	2263 S Albion St. Denver 22, Colo	SK6-9403
Nev	Featherstone & Salisbury, Inc	1355 Market St. San Francisco 3, Cal	UN1-1466
NJ	William M Jones Co., Inc	1107 Echo Ct N, Towson 4, Md	VA3-5721
NJ	Michael W Stollmack	177 Kinderkamack Rd. Emerson	
NM	Allen Williams & Associates	3221 Silver Ave SE, Albuquerque	AL5-9632
NY	Michael W Stollmack	177 Kinderkamack Rd. Emerson, NJ	
NY	Young Associates	907 Monroe Ave, Rochester 20	BR1-2136
NC	William M Jones Co., Inc	1437 Kenilworth Dr SW, Atlanta 10, Ga	PL5-5318
Ohio	William M Jones Co., Inc	1107 Echo Ct N, Towson 4, Md	VA3-5721
Okla	N S Brown Associates	5952 Boca Raton Dr. Dallas 30, Tex	EM3-3698
Ore	Dave Miller Sales Co	2323 N 45th St. Seattle 3, Wash	ME2-7070
Pa	William M Jones Co., Inc	1107 Echo Ct N, Towson 4, Md	VA3-5721
SC	William M Jones Co., Inc	1437 Kenilworth Dr SW, Atlanta 10, Ga	PL5-5318
Tenn	William M Jones Co., Inc	1437 Kenilworth Dr SW, Atlanta 10, Ga	PL5-5318
Tex	N S Brown Associates	5952 Boca Raton Dr. Dallas 30	EM3-3698
Utah	Allen Williams & Associates	320 E 4th S, Salt Lake City	EM4-6844
Va	William M Jones Co., Inc	1107 Echo Ct N, Towson 4, Md	VA3-5721
Wash	Dave Miller Sales Co	2323 N 45th St. Seattle 3	ME2-7070
Wis	R T Mathews & Co	1127 Wells St. Fort Wayne, Ind	EA3917
For	Minthorne International Co., Inc	15 Moore St. New York 4, NY	BO9-6272
	WESTERN UNION TELEGRAPH CO	**60 Hudson St, New York 13, NY**	**WO2-7300**
	#200 *35,000 G 325-635-1135		
Cal	J A Pence	745 S Flower St. Los Angeles	MA7-4321
Colo	J A Hollingsworth	709 N Nevada, Colorado Springs	ME3-4819
DC	W W Alvis	425-13th St NW, Pa Bldg	NA8-7100
Fla	R E Cilley	333 Laura St. Jacksonville	EL5-6025
Ill	I O Williams	Public Sq Bldg. Belleville	AD4-6211
Mass	L C Kristiansen	230 Congress St. Boston 10	HU2-9528
Neb	J M Henry	1323 Farnam St. Omaha	342-3185
	WESTINGHOUSE ELECTRIC CORP.		
	HEADQUARTERS	**Box 2278, Pittsburgh 30, Pa**	**EX1-2800**
	DISTRIBUTION TRANSFORMER DEPT	**Sharon, Pa**	**DI6-5511**
	1135-1855		
	ELECTRONICS DIV	**Baltimore Md**	
	325-338-360-385-565-775-885-895-1135-1145-1395-1425-1845-1870		
	GEN PURPOSE CONTROL DEPT	**Buffalo, NY**	**NF2-1500**
	255-360-895-915-1045-1330-1445-1460-1475-1735		
	INSTRUMENT DEPT	**Newark, NJ**	
	195-338-430-895-1475-1585-1595-1795-1810		
	LAMP DIV	**Bloomfield, NJ**	**HU4-3000**
	565-990-1125-1385-1875-1890-1960		
	MATERIALS MFG DEPT	**Box 128, Blairsville, Pa**	**1400**
	S Chetlin 233-300-1085-1120-1125		
	MICARTA DIV	**Hampton, SC**	**2311**
	H Smith #32 *725 G 625-900-975-1290-1575-1930		
	MOTOR & GEARING DEPT	**Buffalo, NY**	**NF2-1500**
	145-365-535-755-895-915-1160-1165		
	SEMICONDUCTOR DEPT	**Youngwood, Pa**	**CH2-7400**
	F Kheary 370-500-1150-1445-1790-1860		
	STANDARD CONTROL DIV	**Beaver, Pa**	**SP5-2000**
	155-360-1460-1735		
	TV RADIO DIV	**Metuchen, NJ**	
	895-910-1235-1255-1425-1845		
Ala	Westinghouse Electric Corp	1511 Merch. Natl Bank Bldg, Mobile, Ala	
Ala	Westinghouse Electric Corp	212 Hotel Bldg., Huntsville, Ala	
Ala	Westinghouse Electric Corp	2708 8th Ave S., Birmingham, Ala	
Ariz	Westinghouse Electric Corp	2020 E 15th St, Tucson, Ariz	
Ariz	Westinghouse Electric Corp	1102 N 21st Ave, Phoenix, Ariz	
Ark	Westinghouse Electric Corp	103 W Capital St, Little Rock, Ark	
Cal	Westinghouse Electric Corp	Hendy Ave, Sunnyvale, Cal	
Cal	Westinghouse Electric Corp	410 Bush St, San Francisco, Cal	
Cal	Westinghouse Electric Corp	525 E St, San Diego, Cal	
Cal	Westinghouse Electric Corp	15217 Burbank Blvd, Van Nuys, Cal	
Cal	Westinghouse Electric Corp	1720 14th St, Sacramento, Cal	
Cal	Westinghouse Electric Corp	Box 275, Rialto, Cal	
Cal	Westinghouse Electric Corp	5815 Peladeau St, Emeryville, Cal	
Cal	Westinghouse Electric Corp	600 St Paul Ave, L A 17, Cal	
Cal	Westinghouse Electric Corp	2008 California Ave, Fresno, Cal	
Cal	Westinghouse Electric Corp	6541 Eastern Ave, Bell Gardens, Cal	
Cal	Westinghouse Electric Corp	129 S 1st Ave, Arcadia, Cal	
Cal	Westinghouse Electric Corp	18020 S Santa Fe Ave, Compton, Cal	
Colo	Westinghouse Electric Corp	55 W 5th Ave, Denver, Colo	
Conn	Westinghouse Electric Corp	119 Ann St, Hartford, Conn	
Conn	Westinghouse Electric Corp	540 Grant St, Bridgeport, Conn	
DC	Westinghouse Electric Corp	1625 K St, N.W., Washington 6, DC	
Fla	Westinghouse Electric Corp	4255 Henderson Blvd, Tampa, Fla	
Fla	Westinghouse Electric Corp	841 Miami Rd, Jacksonville, Fla	
Fla	Westinghouse Electric Corp	512 Ingraham Bldg, Miami, Fla	
Ga	Westinghouse Electric Corp	224 E. Bay St, Savannah, Ga	
Ga	Westinghouse Electric Corp	1299 Northside Dr, N.W., Atlanta, Ga	
Ga	Westinghouse Electric Corp	Box 74, Albany, Ga	
Idaho	Westinghouse Electric Corp	318 S Capitol Blvd, Boise, Idaho	
Ill	Westinghouse Electric Corp	607 E Adams St, Springfield, Ill	
Ill	Westinghouse Electric Corp	212 15th St, Rockford, Ill	
Ill	Westinghouse Electric Corp	2800 N.Adams St, Peoria, Ill	
Ill	Westinghouse Electric Corp	901 Main St, Aurora, Ill	
Ill	Westinghouse Electric Corp	Box 3420, Chicago, Ill	
Ill	Westinghouse Electric Corp	2211 W Pershing Rd, Chicago, Ill	
Ind	Westinghouse Electric Corp	216 E Wayne St, South Bend, Ind	
Ind	Westinghouse Electric Corp	1253 Diamond Ave, Evansville, Ind	
Ind	Westinghouse Electric Corp	1561 Stadium Dr, Indianapolis, Ind	
Ind	Westinghouse Electric Corp	6355 Indianapolis Blvd, Hammond, Ind	
Ind	Westinghouse Electric Corp	124 W Washington St, Ft. Wayne, Ind	
Iowa	Westinghouse Electric Corp	1531 W River St, Davenport, Iowa	
Iowa	Westinghouse Electric Corp	1005 Dace St, Sioux City, Iowa	
Iowa	Westinghouse Electric Corp	300 W. 3rd St, Waterloo, Iowa	
Iowa	Westinghouse Electric Corp	217 2nd St, Cedar Rapids, Iowa	
Iowa	Westinghouse Electric Corp	2515 Dean Ave, Des Moines, Iowa	
Kan	Westinghouse Electric Corp	2938 S Minneapolis, Wichita, Kan	
Ky	Westinghouse Electric Corp	332 W Broadway, Louisville, Ky	
La	Westinghouse Electric Corp	623 Johnson Bldg, Shreveport, La	
La	Westinghouse Electric Corp	400 N Carrollton, New Orleans, La	
La	Westinghouse Electric Corp	Gayle Bldg, Lake Charles, La	
La	Westinghouse Electric Corp	3875 Fla. Ave, Baton Rouge, La	
Me	Westinghouse Electric Corp	9 Bowman St, Augusta, Me	
Md	Westinghouse Electric Corp	5 Public Sq, Hagerstown, Md	
Md	Westinghouse Electric Corp	2126 Aisquith St, Baltimore, Md	
Md	Westinghouse Electric Corp	501 St. Paul Pl, Baltimore, Md	
Mass	Westinghouse Electric Corp	160 Taylor St, Springfield, Mass	
Mass	Westinghouse Electric Corp	10 High St, Boston, Mass	
Mich	Westinghouse Electric Corp	11 Jefferson-Baum Ct, Saginaw, Mich	
Mich	Westinghouse Electric Corp	5757 Trumbull Ave, Detroit, Mich	
Mich	Westinghouse Electric Corp	120 W Michigan, Jackson, Mich	
Mich	Westinghouse Electric Corp	148 Monroe Ave N.W., Grand Rapids, Mich	
Mich	Westinghouse Electric Corp	508 Church St, Flint, Mich	
Minn	Westinghouse Electric Corp	330 S First Ave E, Duluth, Minn	
Minn	Westinghouse Electric Corp	2303 Kennedy N.E., Minneapolis, Minn	
Minn	Westinghouse Electric Corp	201 W Lincoln Ave, Fergus Falls, Minn	
Miss	Westinghouse Electric Corp	607-8 Electric Bldg, Jackson, Miss	
Miss	Westinghouse Electric Corp	Box 659, Gulfport, Miss	
Mo	Westinghouse Electric Corp	411 N 7th St, St. Louis, Mo	
Mo	Westinghouse Electric Corp	101 W 11th St, Kansas City, Mo	
Mont	Westinghouse Electric Corp	949 S Montana St, Butte, Mont	
Neb	Westinghouse Electric Corp	117 N 13th St, Omaha, Neb	
Neb	Westinghouse Electric Corp	414 Fed Securities Bldg, Lincoln, Neb	
NJ	Westinghouse Electric Corp	1180 Raymond Blvd, Newark, NJ	
NM	Westinghouse Electric Corp	610 Gold Ave S.W., Albuquerque, NM	
NY	Westinghouse Electric Corp	4030 New Court Rd, Syracuse, NY	
NY	Westinghouse Electric Corp	32 The Arcade, Watertown, NY	
NY	Westinghouse Electric Corp	5-A Truck Route, Utica, NY	
NY	Westinghouse Electric Corp	711 Exchange St, Rochester, NY	
NY	Westinghouse Electric Corp	201 N Union St, Olean, NY	
NY	Westinghouse Electric Corp	220 First St, Niagara Falls, NY	
NY	Westinghouse Electric Corp	40 Wall St, New York, NY	
NY	Westinghouse Electric Corp	Box 148, Johnson City, NY	
NY	Westinghouse Electric Corp	Ellicott Sq Bldg, Buffalo, NY	
NY	Westinghouse Electric Corp	Warehouse Row, Albany, NY	
NC	Westinghouse Electric Corp	315 Superior Bldg, Raleigh, NC	
NC	Westinghouse Electric Corp	2809 Roxboro Rd, Durham, NC	
NC	Westinghouse Electric Corp	707 Guilford Bldg, Greensboro, NC	
NC	Westinghouse Electric Corp	Box 8054, Asheville, NC	
NC	Westinghouse Electric Corp	2001 W Morehead St, Charlotte, NC	
Ohio	Westinghouse Electric Corp	245 Summit St, Toledo, Ohio	
Ohio	Westinghouse Electric Corp	32 N Main St, Dayton, Ohio	
Ohio	Westinghouse Electric Corp	1452 Cleveland Ave N.W., Canton, Ohio	

• INDICATES ADVERTISERS IN THIS ISSUE

FOR EXPLANATION OF SYMBOLS # * A 15 SEE PG. M

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Ohio	Westinghouse Electric Corp	1645 W Market St, Akron, Ohio	
Ohio	Westinghouse Electric Corp	Gwynne Bldg, Cincinnati, Ohio	
Ohio	Westinghouse Electric Corp	262 N 4th St, Columbus, Ohio	
Ohio	Westinghouse Electric Corp	55 Public Sq, Cleveland, Ohio	
Okla	Westinghouse Electric Corp	703 Enterprise Bldg, Tulsa, Okla	
Okla	Westinghouse Electric Corp	120 N Robinson St, Oklahoma City, Okla	
Ore	Westinghouse Electric Corp	1414 N.E. Grand Ave, Portland, Ore	
Ore	Westinghouse Electric Corp	1345 Olive St, Eugene, Ore	
Ore	Westinghouse Electric Corp	1230 Court St, Medford, Ore	
Pa	Westinghouse Electric Corp	460 Market St, Williamsport, Pa	
Pa	Westinghouse Electric Corp	267 N Pa Ave, Wilkes Barre, Pa	
Pa	Westinghouse Electric Corp	445 Melwood Ave, Pittsburgh, Pa	
Pa	Westinghouse Electric Corp	3001 Walnut St, Philadelphia, Pa	
Pa	Westinghouse Electric Corp	1007 Hess Ave, Erie, Pa	
Pa	Westinghouse Electric Corp	476 Main St, Johnstown, Pa	
Pa	Westinghouse Electric Corp	729 Hamilton St, Allentown, Pa	
RI	Westinghouse Electric Corp	51 Empire St, Providence, RI	
SC	Westinghouse Electric Corp	135 S Main St, Greenville, SC	
SC	Westinghouse Electric Corp	1416 Marion St, Columbia, SC	
SC	Westinghouse Electric Corp	301 Security Fed Bldg, Columbia, SC	
SC	Westinghouse Electric Corp	Box 303, Charleston	
Tenn	Westinghouse Electric Corp	605 Burwell Bldg, Knoxville, Tenn	
Tenn	Westinghouse Electric Corp	145 Commerce St, Kingsport	
Tenn	Westinghouse Electric Corp	1717 West End Bldg, Nashville, Tenn	
Tenn	Westinghouse Electric Corp	825 Exchange Bldg, Memphis, Tenn	
Tenn	Westinghouse Electric Corp	528 Volunteer St, Chattanooga, Tenn	
Tex	Westinghouse Electric Corp	201 N. St. Marys St, San Antonio, Tex	
Tex	Westinghouse Electric Corp	215 N. Stanton St, El Paso, Tex	
Tex	Westinghouse Electric Corp	1608 Canton St, Dallas, Tex	
Tex	Westinghouse Electric Corp	507 Dallas Ave, Houston, Tex	
Tex	Westinghouse Electric Corp	1205 Electric Bldg, Ft. Worth, Tex	
Tex	Westinghouse Electric Corp	1103 American Natl Bank, Beaumont	
Tex	Westinghouse Electric Corp	301 Polk St, Amarillo, Tex	
Tex	Westinghouse Electric Corp	4 & Cypress Sts, Abilene, Tex	
Tex	Westinghouse Electric Corp	205 N. Chaparral, Corpus Christi, Tex	
Utah	Westinghouse Electric Corp	235 W. Temple St, Salt Lake City, Utah	
Va	Westinghouse Electric Corp	4000 W. Broad St, Richmond, Va	
Va	Westinghouse Electric Corp	306 1st St S.W., Roanoke, Va	
Va	Westinghouse Electric Corp	915 W. 21st St, Norfolk, Va	
Vt	Westinghouse Electric Corp	38 Merchants Row, Rutland, Vt	
Wash	Westinghouse Electric Corp	N. Monroe St, Spokane, Wash	
Wash	Westinghouse Electric Corp	1416 Olive Way, Seattle, Wash	
Wash	Westinghouse Electric Corp	1325 S. Tacoma Way, Tacoma, Wash	
W. Va	Westinghouse Electric Corp	Natl Bank of W. Va, Wheeling, W. Va	
W. Va	Westinghouse Electric Corp	10 & Beltline, Fairmont, W. Va	
W. Va	Westinghouse Electric Corp	1029 7th Ave, Huntington, W. Va	
W. Va	Westinghouse Electric Corp	704 Bland St, Bluefield, W. Va	
W. Va	Westinghouse Electric Corp	179 Summers St, Charleston, W. Va	
Wisc	Westinghouse Electric Corp	538 N. Broadway, Milwaukee, Wisc	
Wisc	Westinghouse Electric Corp	110 N. Thornton Ave, Madison, Wisc	
Wisc	Westinghouse Electric Corp	1305 N. Division, Appleton, Wisc	

WESTINGHOUSE ELECTRIC CORP ELECTRONIC TUBE DIV .... **P.O. Box 284, Elmira, NY** **RE9-3611**
C Remich 190-330-565-895-1135-1875-1880-1990

Cal	Westinghouse Electric Corp	600 St Paul Ave. Los Angeles	HU2-9660
Cal	Westinghouse Electric Corp	2222 Grant Pl. San Lorenzo	BR6-1800
DC	Westinghouse Electric Corp	1625 K St, NW, Washington	NA8-8843
Ill	Westinghouse Electric Corp	2211 W Pershing Rd. Chicago	WH4-3860
Mass	Westinghouse Electric Corp	10 High St, Boston, Mass	LI2-0500
Mich	Westinghouse Electric Corp	5757 Trumbull Ave. Detroit	TR2-7010
NJ	Westinghouse Electric Corp	MacArthur Ave, Bloomfield, NJ	HU4-3000
Tex	Westinghouse Electric Corp	500 S Central Expwy. Dallas	RI2-4450
Wash	Westinghouse Electric Corp	1209 Poplar Pl. Seattle	EA3-8330
Wash	Westinghouse Electric Corp	1209 Poplar Pl, Seattle 44, Wash	EA3-8330
For	Westinghouse Electric Corp	40 Wall St. New York, NY	WH3-4321

WESTINGHOUSE ELECTRIC CORP. SPECIALTY TRANSFORMER DEPT. **Greenville, Pa** **MI6-1000**
#11 *200 F 320-380-1855
Sales Offices. See Westinghouse Electric Corp.

Ill	S C Binkar Co	2353 N California Ave. Chicago 47	BR8-1220

WESTLAKE PLASTICS .... **W. Lenni Rd, Lenni Mills, Pa** **GL9-1000**
E Weiss #2 *50 D 1290

WESTLINE PRODUCTS DIV WESTERN LITHOGRAPH CO .... **600 E. 2nd St, Los Angeles 54, Cal** **MA7-2641**
M Engle #1 *350 E 965-1190-1755-1965

Ariz	Verne Lindsay Co	2902 W. Villa St, Phoenix, Ariz	
Cal	MaRi Co	600-16th St, Oakland	LA3-6100
Ga	Lynn Walling Organization	P.O Box 3045, Atlanta, Ga	
Ill	Westline Products Div	1957 E. 71st St, Chicago 49, Ill	BU8-8126
Mass	Westline Products Div	419 Boylston St, Boston 16, Mass	KE6-1012
NJ	Westline Products Div	972 Broad St, Newark, NJ	MA4-1410
Ohio	Westline Products Div	1010 Euclid Ave, Cleveland 15, Ohio	PR1-2010
Foreign	Ernst Hess Co	Zuchwilstrasse 55, Basil, Switzerland	

WESTON HYDRAULICS LTD SUB BORG-WARNER CORP .... **7500 Tyrone Ave, Van Nuys, Cal** **TR3-4340**
K Knox #75 *500 F 20-330-895-995-1920

Mo	Emil Potpeschak	11707 Farmridge Dr. Kirkwood	YO6-4861
NJ	William Bickerle	14 S. Bors Ln, Glen Rock, NJ	GI4-2094

WESTPORT ELECTRIC .... **149 Lomita St. El Segundo, Cal** **SP2-2872**
O Nussbaum #2 895-1810

NJ	H L Hoffman & Co	35 Old Country Rd, Westbury, NY	ED4-5600
NY	H L Hoffman & Co	35 Old Country Rd, Westbury, NY	ED4-5600
Ohio	The F R Sharp Co	2138 Lee Rd. Cleve 18	FA1-4200
Can	Aeromotive Eng. Prods. Ltd	147 Hymus Blvd. Pointe Claire Que	ME1-4396

WESTREX CORP. DIV., LITTON IND .... **540 W. 58 St, New York 19, NY** **JU2-3030**
L Robinson #100 *600 A 285-325-330-365-635-810-895-945-1165-1425-1430-1435-1870

Ala	Radio Message Service, The	2065 Piedmont Rd. Atlanta, Ga	TR3-3117
Alas	Northern Electric Co	4027 21st Ave. W Seattle, Wash	AT4-0534
Ariz	Connelly Sales Co	14529 Mancecita Dr. La Mirada, Cal	RA3-8611
Cal	Connelly Sales Co	14529 Mancecita Dr. La Mirada	RA3-8611
Colo	Sanders & Assoc	70 W Marcy St. Santa Fe, NM	YU3-3437
Fla	Universal Communications Inc	1076 Hendricks Ave. Jacksonville	FL9-1112
Ga	Radio Message Service, The	2055 Piedmont Rd. Atlanta	TR3-3117
Haw	Kentron Hawaii Ltd	1140 Waimanu St. Honolulu	
Idah	Eng Service, The	Box 178, Butte, Mont	6134
Ill	Midwest Electronic Sales	3800 W. North Ave. Chicago 47	CA7-3222
Ind	Midwest Electronic Sales	3800 W. North Ave. Chicago 47	CA7-3222
Iowa	Midwest Electronic Sales	3800 W. North Ave. Chicago 47	CA7-3222
Kan	Eng Service, The	Box 178, Butte Mont	6134
La	Gulf Radio Telephone Inc	2524 Sutherland Ave. Houston, Tex	WA3-1618
Mont	Eng Service, The	Box 178, Butte	6134
Neb	Sanders & Assoc	70 W Marcy St. Santa Fe, NM	YU3-3437
Nev	Connelly Sales Co	14529 Mancecita Dr. La Mirada, Cal	RA3-8611
NJ	Mobile Communications	316 Broad St. Newark	HU3-1700
NM	Sanders & Assoc	70 W. Marcy St. Santa Fe, NM	YU3-3437
NC	Universal Communications Inc	1076 Hendricks Ave. Jacksonville, Fla.	FL9-1112
ND	Eng Service, The	Box 178, Butte, Mont	6134
Ore	Eng Service, The	Box 178, Butte, Mont	6134
SC	Universal Communications Inc	1076 Hendricks Ave. Jacksonville, Fla.	FL9-1112
SD	Eng Service, The	Box 178, Butte, Mont	6134
Tenn	Radio Message Service, The	2055 Piedmont Rd. Atlanta, Ga	TR3-3117
Tex	Gulf Radio Telephone Inc	2524 Sutherland Ave. Houston	WA3-1618
Va	WGH	Box 98, Newport News	826-1310
Wash	Eng Service, The	Box 178, Butte, Mont	6134
Wis	Circle Communications Inc	3434 N. 84th St. Milwaukee	UP1-8950
Wyo	Eng Service, The	Box 178, Butte, Mont	6134
Can	Tele-Radio Systems Ltd	3633 Dundas St. W. Toronto 9, Ont	RO2-8224

WESTRONICS INC .... **3605 McCart St, Ft. Worth, Tex** **WA3-8211**
G Puckett #6 *40 C-D 895

Ala	Col-Ins-Co., Inc	1012 Big Cove Rd, Huntsville, Ala	JE6-0812
Ariz	Brooks Feeger Associates	478 N. Scottsdale Rd, Scottsdale, Ariz.	WH6-2111
Cal	R J Hudson Co	Box 2217, Van Nuys, Cal	ST6-7188
Cal	Cerruti & Associates	Box 378, Redwood City, Cal	EM9-3354
Colo	Brooks Feeger & Associates	3041 Broadway, Englewood, Colo	SU1-7375
Conn	Breger Instrument Sales	Box 2917, New Haven, Conn	SP7-6279
Del	D Y Daily & Co	621 W Rolling Rd, Springfield, Pa	KI3-1121
DC	D Y Daily & Co	621 W Rolling Rd, Springfield, Pa	KI3-1121
Fla	Col-Ins-Co., Inc	5728 Precision Dr, Orlando	CH1-1501
Ga	Col-Ins-Co., Inc	2354 Ewing Dr, N.E., Atlanta, Ga	ME6-6177
Ill	Norman Engrg Co	2115 W. Marquette Rd, Chicago, Ill	HE4-2300
Ind	Norman Engrg Co	1627 Southeast Dr, South Bend, Ind	AT9-9836
Ind	Pinder Instrument Co	5306 Hohman Ave, Hammond	BA1-5592
Iowa	Norman Engrg Co	Box 431, Davenport, Iowa	
Kan	Maise Eqpt Co	10635 Clayton Rd, St Louis, Mo	HE2-2982
La	Pan-Tech Eng & Supply Co	3783 Richmond Ave, Houston	MO6-0248
Md	D Y Daily & Co	621 W Rolling Rd, Springfield, Pa	KI3-1121
Mass	Breger Instrument Sales	48 Pearl St, Brookline, Mass	BE2-4904
Mass	D Y Daily & Co	621 W Rolling Rd, Springfield, Pa	KI3-1121
Mich	Electro-Motive Associates	4012 E. Nine Mile Rd, Warren, Mich	JE9-1420
Mich	Smith Instrument & Engr Co	7140 E Davison Ave, Detroit 12	
Minn	Norman Engrg Co	334 40th Ave, N.E., Minneapolis, Minn	SU8-8611
Mo	Pinder Eqpt Co	10635 Clayton Rd, St Louis	HE2-2982
NJ	D Y Daily & Co	621 W Rolling Rd, Springfield, Pa	KI3-1121
NM	Brooks Feeger & Assoc	5510 Domingo Rd NE, Albuquerque	AM8-1724
NY	Carse Electric Corp	1044 Broadway, Albany, NY	HO2-5364
NY	Creth Corp	Box 104, Roslyn, NY	MA1-7410
Ohio	Van Hale Industrial Co	16717 Lakewood Hgts Blvd, Cleveland	LA1-6283
Ore	Martig's Inc	5741 N.E. Glisan St, Portland, Ore	BE2-1949
Pa	Russell F Clark Co	1409 Clark Bldg, Pittsburgh 22	AT1-8089
Pa	D Y Daily & Co	621 W. Rolling Rd, Springfield, Pa	KI3-1121
Tex	Pan-Tech Engrg & Supply	3302 Mercer St, Houston, Tex	JA4-1737
Utah	Brooks Feeger & Assoc	253 Rio Grande, Salt Lake City	EL9-2427
Va	D Y Daily & Co	621 W Rolling Rd, Springfield, Pa	KI3-1121
Wash	Martig's Inc	422-26 Smith Tower, Seattle, Wash	
W Va	Russell F Clark Co	1409 Clark Bldg, Pittsburgh 22, Pa	AT1-8089
Wis	Pinder Instrument Co	5306 Hohman Ave, Hammond, Ind	BA1-5592
Wisc	Norman Engineering Co	4873 Santa Monica Blvd, Milwaukee, Wisc	BR2-0352
For	Tecnica per l' Automazione Ind	Via Scarlatti, 20, Milano, Italy	

WHARFEDALE DIV BR IND CORP .... **80 Shore Rd, Pt. Washington, NY** **PO7-7700**
55-1675
Sales Representatives: See Garrard Sales Corp

WHEATON ENGINEERING CORP .... **Box 191, Wheaton, Ill** **MO8-2330**
1810

Ala	Emmett Rushin	P.O. Box 486, Roswell, Ga	CE7-0535
Ariz	Veland & Burke Associates	432 N. Lake Ave, Pasadena 1, Cal	MU1-4421
Cal	Veland & Burke Associates	432 N. Lake Ave, Pasadena 1, Cal	MU1-4421
Colo	Aviation Products Co	817 Quentin St, Aurora, Colo	EM6-7651
Conn	Armstrong Engrg Consultants Inc	490 Pepperidge Tree Terr, Butler, NJ	BU9-2012
DC	Armstrong Engrg Consultants Inc	2822 Chesewolde Dr, Baltimore, Md	RO4-3165
Del	Armstrong Engrg Consultants Inc	2822 Chesewolde Dr, Baltimore, Md	RO4-3165
Fla	Emmett Rushin	P.O. Box 486, Roswell, Ga	CE7-0535
Ga	Emmett Rushin	P.O. Box 486, Roswell, Ga	CE7-0535
Ill	Rockford Controls Co	324 Woodstock Ave, Glen Ellyn, Ill	GL6171
Kan	Aviation Products Co	4631 E. Kellogg, Wichita 7, Kan	MU4-0218
Ky	Emmett Rushin	P.O. Box 486, Roswell, Ga	CE7-0535
Mass	Armstrong Engrg Consultants Inc	490 Pepperidge Tree Terr, Butler, NJ	BU9-2012
Md	Armstrong Engrg Consultants Inc	2822 Chesewolde Dr, Baltimore, Md	RO4-3165
Minn	Rockford Controls Co	324 Woodstock Ave, Glen Ellyn, Ill	GL6171
Miss	Emmett Rushin	P.O. Box 486, Roswell, Ga	CE7-0535
Mo	Penn Sales Co	8618 Brookshire Ln, University City	WY1-1539
NH	Armstrong Engrg Consultants Inc	490 Pepperidge Tree Terr, Butler, NJ	BU9-2012
NJ	Armstrong Engrg Consultants Inc	490 Pepperidge Tree Terr, Butler, NJ	BU9-2012
NY	Armstrong Engrg Consultants Inc	490 Pepperidge Tree Terr, Butler, NJ	BU9-2012
Ohio	Dayton Associates	118 W. 1st St, Dayton 2, Ohio	BA3-8521
Ohio	Dayton Associates	4924 Zula St, Cincinnati 38, Ohio	BL1-2349
Ohio	Dayton Associates	3717 Snow Rd, Cleveland 18, Ohio	YE2-6655
Okla	Aviation Products Co	4631 E. Kellogg, Wichita 7, Kan	MU4-0218
Ore	W J McNabb Co	P.O. Box 566, Bellevue, Wash	GL4-0577
Pa	Armstrong Engrg Consultants	490 Pepperidge Tree Terr, Butler, NJ	BU9-2012
RI	Armstrong Engrg Consultants	490 Pepperidge Tree Terr, Butler, NJ	BU9-2012
Tenn	Emmett Rushin	P.O. Box 486, Roswell, Ga	CE7-0535
Tex	Aviation Products Co	6115 Denton Dr, Dallas 35, Tex	FL7-1129
Utah	Aviation Products Co	817 Quentin St, Aurora, Colo	EM6-7651
Va	Armstrong Engrg Consultants	2822 Chesewolde Dr, Baltimore, Md	RO4-3165
Wash	W J McNabb Co	P.O. Box 566, Bellevue, Wash	GL4-0577
W. Va	Armstrong Engrg Consultants	2822 Chesewolde Dr, Baltimore, Md	RO4-3165
Wisc	Rockford Controls Co	324 Woodstock Ave, Glen Ellyn, Ill	GL6171

WHEELABRATOR CORP .... **1465 S. Byrkit St, Mishawaka, Ind** **BL5-2141**
J Skene #100 *1050 G 290-670-1075

• **WHEELER ELECTRONIC CORP SUB SPERRY RAND CORP** .... **150 E. Aurora St, Waterbury 20, Conn** **PL4-5191**
J Stengo, Jr #8 *700 185-320-325-365-450-795-805-895-910-1340-1395-1455-1645-1765-1855-1870

Cal	Sperry Gyroscope Co	2200 E. Imperial Hwy, El Segundo	OR8-6226
DC	Sperry Rand Corp	1832 M St NW, Washington	FE8-7222

WHEELER LABORATORIES INC .... **Great Neck, NY** **HU2-7876**
#40 *80 D 45

WHEELOCK SIGNALS INC .... **273 Branchport Ave, Long Branch, NJ** **CA2-6880**
J Member #20 *200 E 1460

Ala	M J Gorrie & Assoc	2927 Central Ave. Birmingham 9	TR1-7395
Ariz	Technical Services Co., Inc	2430 E Washington St. Phoenix	BR5-5423
Ark	M F Klicpera Co	4210 S MacGregor, Houston, Tex	JA2-8459
Cal	Rollins Electric Co	804 S. Atlantic Blvd, Monterey Park, Cal	CU3-1209
Cal	McKnight Co	1436 El Camino Real, Menlo Park	DA6-3762
Colo	R E Cathey Co	1789 Fulton St. Denver	FR7-3740
Colo	Technical Services Co., Inc	2430 E Washington, Phoenix, Ariz	BR5-5423
Conn	B R Schillinger	75 West St, New York 6, NY	BO9-1994
Del	Durling Electric Co	301 E. 25th St, Baltimore, Md	HO7-5560
DC	Durling Electric Co.	301 E. 25th St, Baltimore, Md	
Fla	M J Gorrie & Assoc	2927 Central Ave. Birmingham 9, Ala	TR1-7395
Ga	International Equipment Co	22 Frazier Ave. Chattanooga, Tenn	AM5-8737
Idah	H M Denny & Co	3410 - 16th Ave. Seattle 99, Wash	AT4-0530
Idaho	Controls Engineering & Dist Co	1150 E. 5th St, Salt Lake City, Utah	
Ill	E C Baumann Co	2447 W. Belmont Ave, Chicago 18, Ill	WE5-9440
Ill	Koenig-Myers Associates	4538 Main St, Kansas City, Mo	JE1-7221
Ind	E C Baumann Co	2447 W. Belmont Ave, Chicago, Ill	WE5-9440
Ind	Wright Engineering Co	4241 Melbourne Rd, Indianapolis, Ind	WA3-8888
Iowa	Koenig-Myers Associates	4538 Main St, Kansas City, Mo	JE1-7221
Iowa	E C Baumann Co	2447 W. Belmont Ave, Chicago, Ill	WE5-9440
Kan	Koenig-Myers Associates	4538 Main St, Kansas City 11, Mo	JE1-7221
Ky	Wright Engineering Co	4741 Melbourne Rd, Indianapolis, Ind	WA3-8888
Ky	W W Beerbalck & Assoc	1717 Section Rd, Cincinnati 37, Ohio	ME1-2618
La	M F Klicpera Co	4210 S MacGregor Way, Houston, Tex	JA2-8459
Me	David A Healey	610 Atlantic Ave, Boston 10, Mass	LI2-9214
Md	Durling Electric Co	301 E. 25th St, Baltimore 8, Md	HO7-5560
Mass	B H Parker Sales Agcy	610 Atlantic Ave, Boston 10	LI2-9214
Mich	Grant Shaffer Co	14241 Fenkell St. Detroit 27	BR3-5390
Mich	Electrical Materials Co	18130 Fenkell St. Detroit 23	
Minn	Northern States Sales Co	1400 Park Ave, Minneapolis	FE3-2531
Miss	M F Klicpera Co	4210 S MacGregor, Houston, Tex	JA2-8459
Mo	Koenig-Myers Associates	4538 Main St, Kansas City 11, Mo	JE1-7221
Mont	H M Denny & Co	3410 - 16th Ave, Seattle 99, Wash	AT4-0530
Neb	Koenig-Myers Associates	4538 Main St, Kansas City 11, Mo	JE1-7221
Nev	McKnight Co	1436 El Camino Real, Menlo Park, Cal	DA6-3762
Nev	Controls Engineering & Dist Co	1150 E. 5th St, Salt Lake City, Utah	
NH	David A Healey	610 Atlantic Ave, Boston, Mass	LI2-9214
NJ	Kattge Specialties Dist	20 Vernon Pl, East Orange, NJ	OR2-1[illegible]
NM	Technical Services Co., Inc	506 Coal Ave SE, Albuquerque	CH7-4933
NM	R E Cathey Co	1026 Mildred NW, Albuquerque	DI4-6247
NY	B R Schillinger Co	75 West St, New York, NY	BO9-1994
ND	Northern States Sales Co	1400 Park Ave, Minneapolis, Minn	FE3-2531
Ohio	W W Beerbalck & Assoc	1717 Section Rd, Cincinnati 37	ME1-2618
Ohio	Handel-Davies Co	2526 Noble Rd, Cleveland, Ohio	EV2-2500
Okla	M F Klicpera Co	4210 S MacGregor, Houston, Tex	JA2-8459
Ore	H M Denny & Co	3410 - 16th Ave, Seattle 99, Wash	AT4-0530
Pa	A F Shane Co	440 S. Eveline St, Pittsburgh, Pa	MU2-8066
Pa	Chan-tronics	505 Holt Ave, Reading Pa	FR3-4837
RI	David A Healey	610 Atlantic Ave, Boston 10, Mass	LI2-9214
SD	Northern States Sales Co	1400 Park Ave. Minneapolis, Minn	FE3-2531
Tenn	International Equipment Co	22 Frazier Ave, Chattanooga 5	AM5-8737
Tenn	M F Klicpera Co	4210 S MacGregor Way, Houston 21, Tex	JA2-8459
Tex	M F Klicpera Co	4210 S. MacGregor Way, Houston, Tex	JA2-8459
Tex	Technical Services Co., Inc	201 Southern Pacific Bldg, El Paso	KE2-2296
Tex	M F Klicpera Co	1201 Castle St. Dallas	RI2-2515
Utah	R E Cathey Co	4874 Arthur Dr. Salt Lake City	CR8-9023
Utah	Controls Engineering & Dist Co	1150 E. 5th St, Salt Lake City, Utah	
Vt	David A Healey	610 Atlantic Ave, Boston, Mass	LI2-9214
Va	Durling Electric Co	301 E. 25th St, Baltimore, Md	HO7-5560
Wash	H M Denny & Co	3410 - 16th Ave, Seattle 99	AT4-0530
Wis	Northern States Sales Co	1400 Park Ave, Minneapolis, Minn	FE3-2531
Wisc	E C Baumann Co	2447 W. Belmont Ave, Chicago, Ill	WE5-9440
Wyo	R E Cathey Co	1789 Fulton St. Denver, Colo	FR7-3740
Wyo	Controls Engineering & Dist	1150 E. 5th St, Salt Lake City, Utah	

WHISTLER & SONS INC., S B .... **752 Military Rd, Buffalo 23, NY**
490

WHITAKER CABLE CORP .... **Kansas City 16, Mo** **GR1-4640**
C Whitaker *700 185-190-375-1960-1985

Ala	Jim Gamil	125 Laurine St, Jacksonville, Fla	RA5-3917
Ariz	Clark Spangler	813 Spruce Pl, Fullerton, Cal	JA9-1622
Ark	S W Goodman	708 N. May Ave, Okla City, Okla	VI3-3208
Cal	Lloyd Evans	2728 Olive Ave, Inglewood, Cal	OL6-2653
Cal	Clark Spangler	813 Spruce Pl, Fullerton, Cal	JA9-1622
Colo	W R Brooks	1[illegible] Grove St, Denver, Colo	SK6-1231
Conn	Jack Fitzpatrick	125 Grand Ave, Copiague, NY	AM4-1160
Del	John Colgan	4209 Chester Ave, Philadelphia, Pa	
DC	John Colgan	4209 Chester Ave, Philadelphia, Pa	
Fla	Jim Gamil	125 Laurine St, Jacksonville, Fla	RA5-3917
Ga	Jim Gamil	125 Laurine St, Jacksonville, Fla	RA5-3917
Idaho	Harold Terry	1000 S. W. Vista Ave, Portland, Ore	CA2-4538
Ill	Robert Crawford	814 S. Scoville Ave, Oak Park, Ill	EU3-4504
Ind	P Davison	505 Sunset Blvd. Greenwood	TU1-2118
Iowa	R A Manning	3050 Cass St, Omaha, Neb	RE3025
Kan	D A Gilmore	8515 Lowell, Overland Park, Kan	NI8-7656
Ky	P Davison	505 Sunset Blvd. Greenwood, Ind	TU1-2118
La	Tom Wilkerson	3851 Asbury Ave, Dallas, Tex	LA8-6602
Me	Carl A Booth	80 Harrison Ave, West Lynn, Mass	LY2-1986

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES OFFICES		TEL. NO.
Md	John Colgan	4209 Chester Ave, Philadelphia, Pa	
Mass	Carl A Booth	80 Harrison Ave, West Lynn, Mass	LY2-1805
Mich	Robert Crawford	804 S. Scoville Ave, Oak Park, Ill	EU3-4504
Minn	Jim Higgins	7100 Hartkopf Ln, Minneapolis, Minn	KE7-9359
Miss	Jim Gamel	125 Laurine St, Jacksonville, Fla	RA5-3917
Mo	D A Gilmore	8515 Lowell, Overland Park, Kan	NI8-7666
Mont	Harold Terry	1000 S. W. Vista Ave, Portland, Ore	CA2-4538
Neb	R A Manning	3850 Cass St, Omaha, Neb	RE3925
Nev	W R Brooks	1260 S. Grape St, Denver, Colo	SK6-1231
NH	Carl Booth	80 Harrison Ave, West Lynn, Mass	LY2-1805
NJ	Jack Fitzpatrick	125 Grant Ave, Copiague, NY	AM4-1160
NM	W R Brooks	1260 S. Grape St, Denver, Colo	SK6-1231
NY	Jack Fitzpatrick	125 Grant Ave, Copiague, NY	AM4-1160
NC	Jim Hyde	2400 Columbus Circle, Charlotte, NC	EX9-8053
ND	Jim Higgins	7100 Hartkoff Ln, Minneapolis, Minn	KE7-9359
Ohio	B Huffine	Rt. 2, Box 471, Chardon	
Ohio	P Davison	505 Sunset Blvd. Greenwood, Ind	TU1-2118
Okla	S W Goodman	7608 N. May Ave. Okla. City	VI3-3208
Ore	Harold Terry	1000 S.W. Vista Ave, Portland, Ore	CA2-4538
Pa	John Colgan	4209 Chester Ave, Philadelphia, Pa	
RI	Carl Booth	80 Harrison Ave, West Lynn, Mass	LY2-1805
SC	Jim Hyde	2400 Columbus Circle, Charlotte, NC	EX9-8053
SD	Jim Higgins	7100 Harkoff Ln, Minneapolis, Minn	KE7-9359
Tenn	Don Perry	799 Blossom Ln, Rock Hill 19, Mo	WO1-0526
Tex	Tom Wilkerson	3861 Asbury Ave, Dallas, Tex	LA8-6662
Utah	Harold Terry	1000 S.W. Vista Ave, Portland, Ore	CA2-4538
Vt	Carl Booth	80 Harrison Ave, West Lynn, Mass	LY2-1805
Va	Jim Hyde	2400 Columbus Circle, Charlotte, NC	EX9-8053
Wash	Harold Terry	1000 S.W. Vista Ave, Portland, Ore	CA2-4538
W. Va	Jim Hyde	2400 Columbus Circle, Charlotte, NC	EX9-8053
Wisc	Robert Crawford	804 S. Scoville Ave, Oak Park, Ill	EU3-4504
Wyo	W R Brooks	1260 S. Grape St, Denver, Colo	SK6-1231
	WHITE AVIONICS CORP	**Terminal Rd, Plainview, NY**	**WE5-5511**
	W Fentock #6 *40 C 365-895-915-1555-1850		
Ala	Jaeger - Cordray, Inc	1809 Colonial Dr, Orlando, Fla	CH1-6595
Ariz	King Engineering Co	5321 1/2 Hollywood Blvd, L A 27, Cal	HO4-7166
Cal	King Engineering Co	5321 1/2 Hollywood Blvd, L A 27, Cal	HO4-7166
Del	Stemler Associates & Co	25 W Pennsylvania Ave, Towson, Md	VA8-8853
DC	Stemler Associates & Co	25 W Pennsylvania Ave, Towson, Md	VA8-8853
Fla	Jaeger - Cordray, Inc	1809 Colonial Dr, Orlando, Fla	CH1-6595
Ga	Jaeger - Cordray, Inc	1809 Colonial Dr, Orlando, Fla	CH1-6595
Md	Stemler Associates & Co	25 W Pennsylvania Ave, Towson, Md	VA8-8853
NJ	Stemler Associates & Co	17 Birchwood Rd, Hawthorne, NJ	SW1-1744
NC	Stemler Associates & Co	25 W Pennsylvania Ave, Towson, Md	VA8-8853
Pa	Stemler Associates & Co	17 Birchwood Rd, Hawthorne, NJ	SW1-1744
SC	Stemler Associates & Co	25 W Pennsylvania Ave, Towson, Md	VA8-8853
Va	Stemler Associates & Co	25 W Pennsylvania Ave, Towson, Md	VA8-8853
•	**WHITE CO., O. C**	**17 Herman St. Worcester, Mass**	**PL5-7333**
	R May 1068		
Ariz	W C Osborn	Box 6734, Phoenix	
Cal	C A Peterson Co	5757 Huntington Dr. N. LA 32	CA5-2231
Conn	Technical Electric Sales Assoc	55 Northbrook Dr. W. Hartford 17	AD2-7875
Me	Technical Electric Sales Assoc	39 Kingston St. Boston 11, Mass	HA6-4730
Mass	Technical Electric Sales Assoc	39 Kingston St. Boston 11, Mass	HA6-4730
NH	Technical Electric Sales Assoc	39 Kingston St. Boston 11, Mass	HA6-4730
Ohio	Vaughn O'Neil & Co	5045 Harper Rd. Cleve 39	CH8-1909
Pa	H R Hopkins Co	2513 Lancaster Ave. Phila 4	EV2-0535
RI	Technical Electric Sales Assoc	39 Kingston St. Boston 11, Mass	HA6-4730
Tex	MacRae-Smith Co	Box 35113, Dallas 35	FL1-1615
Vt	Technical Electric Sales Assoc	39 Kingston St. Boston 11, Mass	HA6-4730
	WHITE DENTAL MFG CO., S S	**10 E. 40 St, New York 16, NY**	
	390-1290-1475-1560		
•	**WHITE INSTRUMENT LABS**	**Box 9006, Allandale Sta, Austin 17, Tex**	**GL3-8447**
	W Robertson #3 *20 B 338-670-895		
	WHITEHALL ELECTRONICS CORP	**1645 Hennepin Ave. Mnpls 3, Minn**	**FE5-4173**
	J Massie #10 *10 B 35-195-230-338-360-410-565-895-1100-1235-1915		
	WHITEWATER ELECTRONICS INC.	**136 W. Main St. Whitewater, Wis**	**986**
	J Mesler #3 *105 D 45-250-320-450-670-1855		
Pa	J Bresson Assoc	246 Haverford Ave. Narberth	GR7-3800
Tex	Corwin Assoc	Box 18112, Dallas 18	DI8-4623
	WHITMAN SADDLE MFG. CO	**1725 Powers St, Cincinnati 23, Ohio**	**KI1-3223**
	230		
Cal	Weeks & Assoc	217 Cupertino Way, San Mateo, Cal	
Del	Mechelec Sales Co	81 Union St, Medford, NJ	
Ind	Sheridan Assoc., Inc	Roselawn Center Bldg, Cinn, 37, Ohio	ME1-2460
Iowa	Anderson & Assoc	3825 York Ave, N. Minneapolis 22, Minn	
Ky	Sheridan Assoc., Inc	Roselawn Center Bldg. Cinn 37, Ohio	ME1-2460
La	J. Earl Smith Co	6211 Denton Dr, Dallas, Tex	
Md	Mechelec Sales Co	81 Union St, Medford, NJ	
Minn	Anderson & Ass'ts	3825 York Ave, N. Minneapolis 22, Minn	
NJ	Paul D. Aaron	Professional Bldg, Port Washington, NJ	
NJ	Mechelec Sales Co	81 Union St, Medford, NJ	
ND	Anderson & Assoc	3825 York Ave, N. Minneapolis 22, Minn	
Ohio	Sheridan Assoc	Roselawn Center Bldg, Cinn 37, Ohio	ME1-2460
Okla	J. Earl Smith	6211 Denton Dr, Dallas, Tex	
Pa	Mechelec Sales Co	81 Union St, Medford, NJ	
Pa	Sheridan Assoc	Roselawn Center Bldg, Cinn 37, Ohio	ME1-2460
SD	Anderson & Assoc	3825 York Ave, N. Minneapolis 22, Minn	
Tex	J. Earl Smith	6211 Denton Dr, Dallas, Tex	
	WHITNEY BLAKE CO	**97 Pershing St, New Haven 14, Conn**	**CH8-6515**
	185-190-280-345-375		
	WHITNEY METAL TOOL CO	**726 Forbes St. Rockford, Ill**	**WO2-5571**
	J Jensen #4 *125 490-1075-1825		
•	**WHITSO, INC**	**9330 Byron St. Schiller Park, Ill**	**678-5200**
	W Brown #6 *65 E 285-345-905-925-1290-1780		
Ariz	Jackson Edwards Co	4101 Lankershim Blvd, N. Hollywood, Cal	TR7-9603
Cal	Jackson Edwards Co	4101 Lankershim Blvd, N.Hollywood, Cal	TR7-9603
Cal	George E Honn Co	420 Market St, San Francisco, Cal	SU1-7352
Conn	Adams-McGregor Associates	66 Lakeview Rd, Lincoln, RI	PA6-1300
Del	William B Drew & Co	145 N. Narberth Ave, Narberth, Pa	MO4-8331
DC	Bernard White & Co	1104 Mondawmin, Baltimore 15, Md	LA3-7700
Fla	G W Shelhammer	2230 Watrous Dr. Dunedin	81-9232
Ind	McNay-Dunn Co	6208 College Ave. Indianapolis 20	CL1-0860
Me	Adams-McGregor Associates	66 Lakeview Rd, Lincoln, RI	PA6-1300
Md	Bernard White & Co	1104 Mondawmin, Baltimore 15	LA3-7700
Mass	Adams-McGregor Associates	66 Lakeview Rd, Lincoln, RI	PA6-1300
Nev	George E Honn Co	420 Market St, San Francisco, Cal	SU1-7352
NH	Adams-McGregor Associates	66 Lakeview Rd, Lincoln, RI	PA6-1300
NJ	Adolph Friedman Co	519 S. 5th Ave, Mt. Vernon, NY	MO4-4866
NJ	Wm B Drew & Co	145 N. Narberth Ave, Narberth, Pa	MO4-8331
NY	Lenard Co	132 Burnet Ave, Syracuse 3, NY	GR9-9191
NY	Adolph Friedman Co	519 S. 5th Ave, Mt. Vernon, NY	MO4-4866
Pa	William B Drew & Co	145 N. Narberth Ave, Narberth, Pa	MO4-8331
RI	Adams-McGregor Associates	66 Lakeview Rd, Lincoln, RI	PA6-1300
Vt	Adams-McGregor Associates	66 Lakeview Rd, Lincoln, RI	PA6-1300
Va	Bernard White & Co	1104 Mondawmin, Baltimore 15, Md	LA3-7700
Can	Electrodesign	9124 St Lawrence Blvd. Montreal, Que	DU9-5914
	WHITTAKER GYRO DIV TELECOMPUTING CORP	**16217 Lindbergh St, Van Nuys, Cal**	**ST5-2131**
	J Conway #75 *300 E 35-775-780-885-1850		
Ala	Telecomputing Corp	2700 Memorial Pkwy. Huntsville	JE9-7436
DC	Telecomputing Corp	1725 I St. Washington NW	
Mass	Telecomputing Corp	Boston	
Ohio	Telecomputing Corp	Talbot Bldg. Dayton	BA2-5595
Wash	A H Fogelman Associates	2000 K St, N.W., Washington 6, DC	FE3-6767
	WICKES ENGINEERING & CONSTRUCTION CO	**12th St & Ferry Ave, Camden 4, NJ**	**WO4-4912**
	E Doiber #6 *100 E 255-325-895-910-915-1340-1390-1455		
NJ	Wickes Eng. & Construction Co	12th St. & Ferry Ave. Camden	WO4-4912
	WIEGAND CO., EDWIN L	**7606 Thomas Blvd, Pittsburgh 8, Pa**	**CH2-6400**
	S Campanella *1800 G 735-820-1215-1825		
	WIEGAND MFG CO	**882 Balfour St. Valley Stream, NY**	**VA5-4141**
	J Wiegand #1 *3 338-360-1855		
	WIGGINS OIL TOOL CO., INC., E B	**3424 E. Olympic Blvd, Los Angeles, Cal**	**AN9-0181**
	F Campbell #40 *400 F 345-390-1545		
Cal	Jerry L Dysart	955 Edgecliff Way, Redwood City, Cal	EM8-4924
Cal	Russ Rendall	P. O. Box 6507, San Diego 6, Cal	AC3-1552
Fla	D A Dickinson	1201 Glastonberry Rd. Maitland	TE8-2801
Ill	G R Carrier	10340 S. Western Ave, Chicago, Ill	PH5-6300
Kan	Don A Dickinson	1530 W. 20th St, Wichita, Kan	AM7-2919
Mass	Joseph F Bolger	41 Stonybrook Rd. Marblehead	NE1-2116
NY	Warren Singer	301 W End Ave. New York 23	EN2-9590
NY	Howard Harding	100 Kings Hwy, Westport, Conn	CA7-6112
NY	Robert W Martin	P.O. Box 73, Liverpool, NY	HA2-3055
Ohio	Ralph Munchow	59 Central Ave. Dayton 6	BA8-3372
Tex	G L C Dunn	6617 Snyder Plaza, Dallas 5, Tex	EM1-0100
Can	W Robert Martin	P O Box 73, Liverpool, NY	OL2-2104
For	Pierre Simon	52 Wall St. New York City 5, NY	WH4-4370
	WILCO CORP	**4030 W 10 St, Indpls, Ind**	**CH1-2516**
	#2 *70 C 320		
	WILCOX ELECTRIC CO., INC	**1400 Chestnut St. Kansas City 27, Mo**	**BE1-0700**
	D Samuelson #34 *568 F 45-330-450-670-895-1200-1395-1425-1870		
Cal	Wilcox Electric Co., Inc	7046 Hollywood Blvd. Hollywood 28	HO9-5654
DC	Wilcox Electric Co., Inc	2300 Connecticut Ave. Washington 6	AD4-6293
NY	Wilcox Electric Co., Inc	26 Crestwood Dr. New City	4-7440
	WILDBERG BROS. SMELTING & REFINING CO	**349 Butler Ave. S. SF, Cal**	**PO1-1770**
	W Haley #2 *66 E 1125-1635-1960		
Cal	Wildberg Bros Smelting & Refining Co	635 S. Hill St, Los Angeles, Cal	MA7-2041
	WILEY ELECTRONIC PRODS. CO. INC	**2045 W Cheryl Dr. Phoenix, Ariz**	**WI4-6931**
	H Steele #10 *30 D 45-325-330-365-595-670-895-1395-1410-1425-1610-1870-1955		
Ariz	M D Hecht Assoc	3839 N. 39th Ave. Phoenix	AP8-2379
Cal	Deere Electronics Inc	1575 Laurel St. San Carlos	LY1-4423
Cal	West Eleven Inc	8961 Sunset Blvd, Los Angeles 46, Cal	CR4-7578
Ore	Don Smith Sales Co	2320 N. 45th St, Seattle 3, Wash	
Mich	Gaine Eng	1474 E. Outer Dr. Detroit	FO6-5353
NY	Flight Research Inc	116-55 Queens Blvd. Forest Hills	LI4-8196
Tex	Southwestern Eng. & Eqpt. Co	4045 Lemon Ave. Dallas	LA6-7433
Utah	M D Hecht Associates	5019 E. Cheery Lynn Rd, Phoenix, Ariz	WH5-7771
Va	Flight Research Inc	Box 1F, Richmond 1	RE7-4163
Wash	D Smith Sales Co	2320 N. 45th St. Seattle	ME3-3160
•	**WILKINSON CO**	**1660 9th St. Santa Monica, Cal**	
	1125-1350-1780-1885-1960		
•	**WILLIAMS & CO., C K**	**640 N. 13th St, Easton, Pa**	**BL3-6261**
	C Love G 1125		
Cal	C K Williams & Co	4650 Shellmound St, Emeryville, Cal	OL2-4806
Cal	C K Williams & Co	7522 Mae Ave, Los Angeles 1, Cal	LU7-4218
Ga	R T Hopkins Co	544 Means St. NW, Atlanta	JA1-1650
Ill	C K Williams & Co	400 W. Madison Ave, Chicago 6, Ill	AN3-1688
Ill	C K Williams & Co	2001 Lynch Ave, E. St Louis, Ill	BR1-4600
La	C K Williams & Co	401 N Causeway Blvd. New Orleans	VE5-4260
Mass	C K Williams & Co	131 State St, Boston 9, Mass	LA3-0255
Mich	C K Williams & Co	14402 Plymouth Rd, Detroit 27, Mich	BR3-5680
Minn	Geo C Brandt Inc	760 Vandalia St, St Paul, Minn	MI6-1339
Mo	C K Williams & Co	406 W. 34th St, Kansas City 11, Mo	LO2676
NJ	C K Williams & Co	655 Clinton Ave, Newark 8, NJ	BI8-3553
Ohio	C K Williams & Co	1312 American Bldg, Cincinnati 2, Ohio	MA2061
Ohio	C K Williams & Co	1501 Euclid Ave, Cleveland 15, Ohio	CH1-7755
Ore	Cordano Chemical Co	203 SE Alder St. Portland	BE4-1465
Pa	C K Williams & Co	101 N. 33 St, Philadelphia 4, Pa	EV2-2650
Tex	C K Williams & Co	4010 Bluebonnet, Houston 25, Tex	MO4-2830
Wash	Great Western Chemical Co	6900 Fox Ave. Seattle 8	PA5-6350
Wash	Great Western Chemical Co	W 1133 College Ave. Spokane	FA7-6588
Wisc	R L Ferguson Co	Railway Exchange Bldg, Milwaukee	BR6-1146
Can	Soden Chemicals	2143 St Patrick St. Montreal, Canada	FI4632
For	Ankur Corp	444 5th Ave. New York 18, NY	LA4-6313
	WILLIAMS GOLD REFINING CO, INC	**2978 Main St, Buffalo 14, NY**	**TF4-7204**
	W Allsopp #4 *70 1120-1125-1350-1635-1960		
	WILLIAMSON DEVEL CO. INC	**317 Main St. W. Concord, Mass**	**EM9-9607**
	I Nichols #5 *9 B 235-250-360-885-895-1735-1795-1800		
	WILLSON CAMERA CO., INC	**1395 Lawrence Rd, Havertown, Pa**	**HI6-8760**
	338-965-975		
	WILMAD GLASS CO. INC	**Rt. 40 & Oak Rd. Buena, NJ**	**OX2-6000**
	J Madden *50 D 75-900		
	WILMINGTON FIBRE SPECIALTY CO	**New Castle 6, Del**	**EA8-7525**
	H Romig *85 D 175-660-750-770-900-975-1290-1890-1940		
	WILSON & CO., G C	**1035 26 St, Huntington, W Va**	**JA3-5149**
	G Wilson #2 *10 B 1460-1810		
	WILSON RUBBER CO	**1200 Garfield Ave. SW, Canton 6, Ohio**	**GL5-5261**
	G Wilson #3 *350 540		
Cal	Ralphs-Pugh Co. Inc	530 Howard St. San Francisco	SU1-6505
Ill	Robert Jones	218 Edgemont Ln. Roselle	LA9-7930
Md	Charles L Dubbs	1601 Feldbrook Rd. Towson	VA5-4884
Mich	Robert J Burrell	33125 Kirby St. Farmington	GR4-6867
NY	Carl K Gottwik	1-A Appletree Ln. Great Neck	HU2-8024
Tex	K L Masters	9218 Leaside Dr. Dallas	DI8-3173
	WILTRON CO	**717 Loma Verde Ave. Palo Alto, Cal**	**DA1-7428**
	W Jarvis #6 *12 B 338-895-1610		
Ariz	O'Halloran Associates	11636 Ventura Blvd. N Hollywood, Cal	TR7-0173
Cal	O'Halloran Associates	11636 Ventura Blvd. North Hollywood	TR7-0173
Cal	O'Halloran Associates	3949 Clairemont Dr. San Diego	
Cal	O'Halloran Associates	825 San Antonio Rd. Palo Alto	DA6-1493
DC	James R Eberly Co	1700 K St NW, Washington	DI7-2667
Md	James R Eberly Co	12 W 23rd St. Baltimore 18	HO7-8921
NJ	C E Snow Co	613 Cheltenham Ave. Philadelphia 26, Pa	CH4-2626
Pa	C E Snow Co	613 Cheltenham Ave. Philadelphia 26	CH4-2626
Va	James R Eberly Co	1700 K St NW, Washington, DC	DI7-2667
For	Industrial Imports Ltd	Box 1271, Central P O, Tokyo, Japan	
	WINATIC CORP	**Box 240, Endicott, NY**	**PI8-1518**
	R Severson #3 *80 D 320-1460-1645		
NY	Stetler & Stetler	1407 Elmwood Ave. Buffalo 7	DE6435
	WINCHARGER CORP	**E. 7th & Division Sts, Sioux City, Iowa**	**2-1844**
	D Malina #10 *900 G 255-365-550-895-915		
Cal	Premmco Inc	5470 Valley Blvd, Los Angeles 32, Cal	CA2-0167
Cal	Premmco Inc of Northern Cal	2406 Lincoln Ave, Alameda, Cal	LA3-9495
Cal	Premmco of Arizona	3217 E. Washington, Phoenix, Ariz	RI5-7588
•	**WIND TURBINE CO**	**E Market St. West Chester, Pa**	**OW6-3110**
	F Lukens #4 *65 E 45-140-240-895-905-1045-1170-1690-1835		
	WINDER AIRCRAFT CORP	**Dunnellon Airbase, Dr 8, Dunnellon, Fla**	**HU9-2822**
	L Skinner #20 *450 G 45-120-180-230-240-250-255-260-275-280-325-330-350-635-640-775-795-895-955-1045-1135-1150-1245-1290-1300-1340-1390-1425-1785-1870-1935-1970		
DC	Joel T Henry	Washington	FE3-6136
Fla	Winder Aircraft Corp	Drawer 2397, Drane Field, Lakeland	
Ga	Joel T Henry	1297 Clifton Rd NW, Atlanta 7	DR3-2925
	WINEGARD CO	**3000 Kirkwood Ave. Burlington, Iowa**	**PL4-6595**
	J Ridge #3 *130 E 45-385-895-1170-1855		
Ala	L R Massey	304 E Jefferson St. Greenwood, Miss	GL3-3038
Ariz	Walter Corman	7432 W 80th St. Los Angeles 45, Cal	[illegible]
Ark	Hank Lieberman	P O Box 12262, Dallas 25, Tex	EM3-3452
Cal	Harris-Koehler Sales Co	204 E. Hillsdale, San Mateo, Cal	FI1-2909
Cal	Walter W Corman	7432 W. 80th St, Los Angeles 45, Cal	[illegible]
Conn	Keene Sales	25 Tremont St. Boston 8, Mass	CA7-2762
Del	A A Foley	15 S Shirley Ave. Moorestown, NJ	NO3-4545
Haw	Gordon Dougherty	334 Ilimalia Loop, Kailua	253-666
Idah	Vincent Allstadt	9715 228th Pl. Edmonds, Wash	PR6-5904
Ill	Harry Rheinschmidt	Washington Rd, Burlington, Iowa	PL4-6595
Ind	Harry Rheinschmidt	Washington Rd, Burlington, Iowa	PL4-6595
Iowa	Harry Rheinschmidt	Washington Rd, W. Burlington, Iowa	PL4-7862
Iowa	Les Schapiler	1117 Perry St, Davenport, Iowa	2-5431
Iowa	Paul R Mettler	#1 Val Aire, Burlington	PL4-6595
Mass	Keene Sales	25 Tremont St. Boston	CA7-2762
Miss	L R Massey	304 E. Jefferson St, Greenwood, Miss	[illegible]
NJ	Edwin B Hinck	270 N. Mountain Ave, Upper Montclair,	PI6-2625
NJ	A Foley	15 S Shirley Ave. Moorestown	NO3-4545
NY	E B Hinck	270 N Mountain Ave. Upper Montclair, NJ	PI6-2625
NC	Jack Schiffer Co	Box 6305, Summit Sta. Greensboro	BR3-5578
Ohio	Thomas Shelby & Co	319 S. Franklin St, New Bremen, Ohio	6511
Ohio	Jim Landfear Co., Inc	12429 Cedar Rd, Cleveland, Ohio	[illegible]
Pa	Henry A Goodman	401 W. Mt. Airy Ave, Philadelphia, Pa	CH7-7116
Pa	Thomas Shelby	319 S Franklin St. New Bremen, Ohio	6511
Tex	Hank Lieberman Co	P.O. Box 12262, Dallas 25, Tex	EM3-3452
Va	Henry A Goodman	401 W Mt Airy, Philadelphia 19, Pa	CH7-7116
Can	Jack Nelson-Canada	2810 Victoria Dr. Vancouver, B C	[illegible]
	WINKLER LABORATORIES	**5225 N. 20th St, Phoenix, Ariz**	
	895		
	WINTERBURN MFG CO	**P.O. Box 386, Putnam, Conn**	**WA8-6551**
	R Randall #1 *15 A 360-1735		
Conn	Walworth Controls Co	131 Main St, Rocky Hill, Conn	[illegible]
Ill	Hill & Gray Inc	821 Garfield St. Oak Park	ES8-7050
Me	Walworth Controls Co	131 Main St, Rocky Hill, Conn	[illegible]
Mass	Walworth Controls Co	131 Main St, Rocky Hill, Conn	[illegible]
NH	Walworth Controls Co	131 Main St, Rocky Hill, Conn	[illegible]
NJ	Jackson Engineering Co	128 Court St, White Plains, NY	[illegible]
NY	Jackson Engineering Co	128 Court St, White Plains, NY	[illegible]
Ohio	Technical Associates Inc	4475 Lander Rd, Chagrin Falls, Ohio	[illegible]
Pa	Jackson Engineering Co	211 Ford Rd, Bala Cynwyd, Pa	MO4-9611
RI	Walworth Controls Co	131 Main St, Rocky Hill, Conn	[illegible]
Vt	Walworth Controls Co	131 Main St, Rocky Hill, Conn	[illegible]
	WINTRONICS	**213 S. Hawthorne Blvd, Hawthorne, Cal**	**OS5-1464**
	H Brunswick #11 *45 D 55-180-360-885-895-1110-1585-1675-1735		
Nev	Crane Prods. Mfg. Co. Inc	3549 S. Indl. Rd. Las Vegas	[illegible]
Can	Safety Supply Co	10206 106 St. Edmonton, Alb	GA2-7358

• INDICATES ADVERTISERS IN THIS ISSUE

FOR EXPLANATION OF SYMBOLS # * A 15 SEE PG. M

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	WIRCO ELECTRONICS INC	**11580 McBean Dr, El Monte, Cal**	**GI3-1433**
	V Wirk #1 *10 A 320-880-1855		
•	**WIRE CLOTH ENTERPRISES INC**	**3408 Penn Ave. Pittsbgh 1, Pa**	**MA1-3222**
	R Kyle *4 C 265-620-625-670-1530-1605		
	WIRE STRIPPER CO	**1722 Eastham Ave, E. Cleveland 12, Ohio**	**GL1-3035**
	F Larned *6 A 1125-1960		
Wis	Eng. Sales Co	2225 N. Humboldt Ave. Milwaukee 12	LO2-3222
	WIRECRAFT PRODUCTS INC	**Rt 9, West Brookfield, Mass**	**VO7-3155**
	W Pati #1 *15 C 190-1950		
Cal	W S Harmon Co	121 N. Robertson Blvd, Beverly Hills	OL5-6340
Conn	Bart Sales Co	Spring Valley Rd, Woodbridge, Conn	FU7-8712
Ill	Ridley Associates	1551 N. Austin Blvd, Chicago 51, Ill	TU9-2940
Mass	Bahl Sales Co	16 Westfield Rd, Natick, Mass	OL3-9291
Mich	John W Gillette & Co	16115 Meyers Rd, Detroit 35, Mich	UN2-3258
Minn	H Callen	3424 E. Lake St. Mpls	PA1-5225
NH	B E Ward	Birch Hill Rd. New Durham	
NY	Lee Freed & Co	420 Lexington Ave, New York 17, NY	LE2-4771
NY	Robert W Jackson	4446 Main St, Buffalo 26, NY	C12094
	WOLLENSAK OPTICAL CO	**320 E. 21st St, Chicago, Ill**	**VI2-1242**
	230-1435		
Ala	Hornstein Photo Sales Inc	547 Peachtree St, N.E., Atlanta, Ga	
Alaska	Ponder & Best Inc	115 Warren Ave, Seattle, Wash	
Ariz	Ponder & Best Inc	814 N. Cole Ave, Hollywood 38, Cal	
Ark	Arel Inc	4516 Shaw Ave, St. Louis 10, Mo	
Cal	Western Movie Supply Co., Inc	925 N. Highland, Hollywood 38, Cal	
Colo	Ponder & Best Inc	4875 E. 38th Ave, Denver, Colo	
Conn	Eastern Photo Supply Corp	1001 Turnpike Rd, Canton, Mass	
Del	Alco Photo Supply Corp	116 N. 4th St, Philadelphia 7, Pa	
Del	Raygram Corp	232 N. 11th St, Philadelphia, Pa	
DC	Alco Photo Supply Corp	116 N. 4th St, Philadelphia 7, Pa	
DC	Raygram Corp	2109-14th St, N.W., Washington DC	
Fla	Alfred J Levit Inc	265 N.W. 71st St, Miami, Fla	
Fla	Raygram Corp	2109-14th St, N.W., Washington DC	
Hawaii	Ponder & Best Inc	Honolulu, Hawaii	
Idaho	Ponder & Best Inc	115 Warren Ave, Seattle, Wash	
Ill	Arel Inc	7225 N. Kostner, Chicago 46, Ill	
Ind	Arel Inc	7225 N. Kostner, Chicago 46, Ill	
Ind	Hornstein Photo Sales Inc	120 W. Ohio St, Chicago 10, Ill	
Kan	Arel Inc	4516 Shaw Ave, St. Louis 10, Mo	
Ky	Hornstein Photo Sales Inc	547 Peachtree St, N.E., Atlanta, Ga	
Ky	Alfred J Levit Inc	704 Reid Ave, Nashville, Tenn	
Me	Eastern Photo Supply Corp	1001 Turnpike Rd, Canton, Mass	
Md	Raygram Corp	2109-14th St, N.W., Washington, DC	
Mass	Eastern Photo Supply Corp	1001 Turnpike Rd, Canton, Mass	
Mich	Arel Inc	7225 N. Kostner, Chicago 46, Ill	
Minn	Arel Inc	3106 W. Lake St, Minneapolis 16, Minn	
Miss	Arel Inc	4516 Shaw Ave, St. Louis 10, Mo	
Miss	Hornstein Photo Sales Inc	547 Peachtree St, N.E., Atlanta, Ga	
Miss	Alfred J Levit Inc	704 Reid Ave, Nashville, Tenn	
Mo	Hornstein Photo Sales Inc	2601 Terrace St, Kansas City, Mo	
Nev	Ponder & Best Inc	675 S. Van Ness, San Francisco, Cal	
NH	Eastern Photo Supply Corp	1001 Turnpike Rd, Canton, Mass	
NJ	Alco Photo Supply Corp	902 Broadway, New York 10, NY	
NM	Arel Inc	308 Cole St, Dallas 2, Tex	
NY	Raygram Corp	144 E. Kingsbridge Rd, Mt. Vernon, NY	
NC	Alfred J Levit Inc	1012 E. 4th St, Charlotte 3, NC	
ND	Hornstein Photo Sales Inc	2601 Terrace St, Kansas City, Mo	
Ohio	Hornstein Photo Sales Inc	648 Huron Rd, Cleveland, Ohio	
Okla	Arel Inc	308 Cole St, Dallas 2, Tex	
Ore	Ponder & Best Inc	115 Warren Ave, Seattle, Wash	
Pa	Alco Photo Supply Corp	17 Terminalway, Pittsburgh 19, Pa	
Pa	Raygram Corp	232 N. 11th St, Philadelphia, Pa	
RI	Eastern Photo Supply Corp	1001 Turnpike Rd, Canton, Mass	
SC	Alfred J Levit Inc	1012 E. 4th St, Charlotte 3, NC	
Tenn	Alfred J Levit Inc	704 Reid Ave, Nashville, Tenn	
Tex	Arel Inc	308 Cole St, Dallas 2, Tex	
Utah	Western Movie Supply Co., Inc	120 E. 9th S., Salt Lake City, Utah	
Vt	Eastern Photo Supply Corp	1001 Turnpike, Canton, Mass	
Va	Raygram Corp	2109-14th St, N.W., Washington, DC	
Wash	Ponder & Best Inc	114 Warren Ave, Seattle, Wash	
W. Va	Alco Photo Supply Corp	17 Terminalway, Pittsburgh 19, Pa	
Wisc	Hornstein Photo Sales Inc	120 W. Ohio St. Chicago 10, Ill	
Wyo	Arel Inc	4516 Shaw Ave, St. Louis 10, Mo	
	WOOD COUNTER LABORATORY, M	**1525 E. 53rd, Chicago 15, Ill**	**FA4-1114**
	M Wood *100 B 895-1520-1880		
	WOOD ELECTRIC CORP	**244 Broad St. Lynn, Mass**	**LY8-5313**
	C Hansen #3 *95 D 155-345		
Ala	J Millar Assoc	1036 Peachtree St. NE, Atlanta, Ga	TR6-0919
Ariz	Transdynamics Inc	4450 Lakeside Dr. Burbank, Cal	VI9-6261
Ark	V J Sykes Assoc. Inc	2608 Inwood Rd. Dallas 35, Tex	FL2-6943
Cal	Transdynamics Inc	4450 Lakeside Dr. Burbank	VI9-6261
Colo	Transdynamics Inc	3385 S. Bannock St. Englewood	SU9-1544
Conn	G M Hathaway Electronics Inc	Box 797, Canaan	TA4-7215
Del	Andco Sales-Eng. Inc	5823 Greene St. Phila 44, Pa	VI4-9100
DC	Andco Sales-Eng. Inc	5118 Baltimore Ave. Hyattsville, Md	AP7-4342
Fla	J Millar Assoc	Box 1601, Winter Park	MI7-7404
Ga	J Millar Assoc	1036 Peachtree St. NE, Atlanta 9	TR6-0919
Haw	Pacific Airmotive Co	Honolulu	
Idaho	Transdynamics Inc	1215 Poplar Pl. Seattle 44, Wash	EA4-0366
Ill	Withers/Popes/Cahill Inc	5439 W. Division St. Chicago 51	AU7-7292
Ind	Scott & Steffen Inc	915 N. Pennsylvania Ave. Indpls 4	ME5-8961
Iowa	Eng. Services Co	1305 Oakland Gardens, Cedar Rapids	EM5-6183
Kan	Eng Services Co	247 S. Pinecrest, Wichita 18	MU3-3751
Ky	Scott & Steffen Inc	366 Francis Bldg. Louisville 2	JU3-3220
La	V J Sykes Assoc. Inc	2608 Inwood Rd. Dallas 35, Tex	FL2-6943
Me	G M Hathaway Electronics Inc	238 Main St. Cambridge 42, Mass	KI7-0380
Md	Andco Sales-Eng. Inc	5118 Baltimore Ave. Hyattsville	AP7-4342
Mass	G M Hathaway Electronics Inc	238 Main St. Cambridge 42	KI7-0380
Mich	Bureau-Cowan & Co	27129 Grand River Ave. Detroit 19	KE3-7700
Minn	M Foster Co. Inc	2402 Hennepin Ave. Mpls 5	FR4-2612
Mo	Eng. Services Co	6717 Vernon Ave. St. Louis 30	PA6-2233
Mont	Transdynamics Inc	1215 Poplar Pl. Seattle 44, Wash	EA4-0366
Neb	Eng. Services Inc	4450 Main St. KC, Mo	JE1-7765
Nev	Transdynamics Inc	44 Encina Ave. Palo Alto, Cal	DA6-6528
NH	G M Hathaway Electronics Inc	238 Main St. Cambridge 42, Mass	KI7-0380
NJ	H L DeSoye Sales	600 Old Country Rd. Garden City, NY	PI7-8500
NM	Transdynamics Inc	3385 S. Bannock St. Englewood, Colo	SU9-1544
NY	H L DeSoye Sales	600 Old Country Rd. Garden City	PI7-8500
NC	J Millar Assoc	4023 Arborway, Charlotte 7	EM6-2061
ND	M Foster Co. Inc	2402 Hennepin Ave. Mpls 5, Minn	FR4-2612
Ohio	Scott & Steffen Inc	1836 Euclid Ave. Cleve 14	TO1-2626
Okla	V J Sykes Asso. Inc	2608 Inwood Rd. Dallas 35, Tex	FL2-6943
Ore	Transdynamics Inc	1215 Poplar Pl. Seattle 44, Wash	EA4-0366
Pa	Andco Sales-Eng. Inc	5823 Greene St. Phila 44	VI4-9100
RI	G M Hathaway Electronics Inc	238 Main St. Cambridge 42, Mass	KI7-0380
SC	J Millar Assoc	4023 Arborway, Charlotte 7, NC	EM6-2061
SD	M Foster Co. Inc	2402 Hennepin Ave. Mpls 5, Minn	FR4-2612
Tenn	J Millar Assoc	1036 Peachtree St. NE, Atlanta 9, Ga	TR6-0919
Tex	V J Sykes Assoc. Inc	2608 Inwood Rd. Dallas 35	FL2-6943
Utah	Transdynamics Inc	3385 S. Bannock St. Englewood, Colo	SU9-1544
Vt	G M Hathaway Electronics Inc	238 Main St. Cambridge 42, Mass	KI7-0380
Va	Andco Sales-Eng. Inc	5118 Baltimore Ave. Hyattsville, Md	AP7-4342
Wash	Transdynamics Inc	1215 Poplar Pl. Seattle 44	EA4-0366
W Va	Scott & Steffen Inc	81 E. State St. Columbus 15, Ohio	CA8-2313
Wis	Withers/Popes/Cahill	5439 W. Division St. Chicago 51, Ill	AU7-7292
Wyo	Transdynamics Inc	3385 S. Bannock St. Englewood, Colo	SU9-1544
For	Durham Aircraft Service Inc	56-15 Northern Blvd. Woodside 77, NY	AS4-9000
	WOODLAND ELECTRONICS CO. INC	**503 McCarter Hwy. Newark 2, NJ**	**MI2-7252**
	R Ursillo #4 *15 325-338-340-635-895-1075-1135		
	WORCESTER PRESSED STEEL CO	**100 Barber Ave, Worcester 6, Mass**	**PL5-4361**
	1120		
	WORKLON INC	**253 W. 28th St. NY 1, NY**	**LO4-7390**
	C Robinson *100 305		
Cal	Worklon Inc	1007 Madison Ave. LA	NO3-1910
	WORKMAN TV PRODUCTS INC	**P.O. Box 5397, Sarasota, Fla**	**RI6-4241**
	H Workman #2 *65 320-1475-1855-1860		
Cal	Simonite-Lewis & Assoc	10623 Burbank Blvd, N. Hollywood	TR7-1674
Cal	Simonite-Lewis Associates Inc	895 W. Hillcrest Blvd, San Mateo, Cal	FI5-5084
Colo	Peyser & Co	1501 N. Weber St, Colorado Springs, Colo	ME4-3401
Fla	Jess Gearinger	235 Lincoln Rd, Miami Beach, Fla	JE1-0230
Haw	Dougherty Enterprises	334 Hinalea Loop, Kailua	253-666
Ill	Herb W Knaggs	7503 Mottolaine, Belleville, Ill	EX7-2391
Ind	Edwin A Schulz Co	721 Sherwood Dr, Indianapolis, Ind	CL5-1993
Mass	A Reimherz	45 Chestnut Hill Ave. Brighton	ST2-6422
Md	Eberle-Schaar Co	425 Stratford Rd, Baltimore 28, Md	RI7-3227
Mich	Rod D Butchart	18637 E. Warren, Detroit 24, Mich	TU2-6666
Minn	E Oszman	12 E. 25th St. Mpls 4	FE9-0891
NC	G Schiffer & Co	Box 6365, Summit Sta. Greensboro	BR3-5578
NY	Irv Brown Co	1500 Carroll St, Brooklyn 13, NY	HY3-1379
NY	Manny Farber	70 W. Chippewa St, Buffalo 2, NY	MO3543
Ohio	Sid Levin Associates	6252 Mayfield Rd, Cleveland 24, Ohio	HI2-8340
Pa	Al Levine	11 Jonquil Pl, Pittsburgh 34, Pa	LO1-7027
Tenn	Dixie Electronics Asso	608 Gallatin Rd. Madison	TW5-5666
Tex	Macrae-Smith Co	Box 35113, Dallas 35	BL3-2006
Wash	W R Lanphear Co	3215 Western Ave. Seattle 1	AT4-8150
Wis	D H Donald	914 Kentucky St. Racine	ME2-9644
Canada	E S Gould Sales Co	19 Lenoir St, Montreal, Quebec, Canada	
Canada	Len Finkler & Co	1794 Avenue Rd, Toronto 12, Canada	
Foreign	Lowell Cubana Sales S A	3030 Laclede Sta Rd, St. Louis, Mo	
Foreign	George Solomon & Co	395 Broadway, New York 13, NY	
	WORNER ELECTRONIC DEVICES	**Rankin, Ill**	**EX7-4555**
	D Swenson #1 B 360		
Ala	James Millar Associates	1036 Peachtree St, Atlanta, Ga	
Ariz	Koessler Sales Co	818 N. Fairfax Ave. LA, Cal	
Ark	Hal Corry Sales	6313 Hillcrest Ave, Dallas, Tex	
Cal	Koessler Sales Co	818 N. Fairfax Blvd, Los Angeles, Cal	
Colo	Moss Sales	Box 428, Greeley, Colo	
Conn	Adams & McGregor Associates	66 Lakeview Rd, Lincoln, RI	
Del	J E McKinley	577 Crescent Ave, Glenside, Pa	
Fla	James Millar Associates	1036 Peachtree St, Atlanta, Ga	
Hawaii	Don Burcham Sales	510 N.W. 19th St, Portland, Ore	
Ill	Arthur H Peterson	3647 W. 62nd St, Chicago, Ill	RE5-0846
Iowa	Paul Schultz Co	8402 Longview Rd, Hickman Mill, Mo	
La	James Millar Associates	1036 Peachtree St, Atlanta, Ga	
Me	Adams & McGregor	66 Lakeview Rd, Lincoln, RI	
Md	J E McKinley	577 Crescent Ave, Glenside, Pa	
Mass	Adams & McGregor	66 Lakeview Rd, Lincoln, RI	
Mich	A B M Sales Co	11116 Puritan Ave, Detroit, Mich	
Miss	James Millar Associates	1036 Peachtree St, Atlanta, Ga	
Mo	Paul Schultz Co	8402 Longview Rd, Hickman Mills, Mo	
Mont	Don Burcham Co	510 N.W. 19th Ave, Portland 9, Ore	
Neb	Paul Schultz Co	8402 Longview Rd, Hickman Mills, Mo	
NH	Adams & McGregor Associates	66 Lakeview Rd, Lincoln, RI	
NJ	J E McKinley	577 Crescent Ave, Glenside, Pa	
NM	Koessler Sales Co	318 N. Fairfax Ave. LA, Cal	
NY	Leonard D Allen Co	Box 32, Salina Sta, Syracuse, NY	
NY	Land-C-Air Sales	78 Main St, Tuckahoe, NY	
NC	James Millar Associates	1036 Peachtree St, Atlanta, Ga	
Ohio	John Olsen Co	16201 Shaker Blvd, Cleveland 20, Ohio	
Okla	Hal Corry	6313 Hillcrest Ave, Dallas, Tex	
Ore	Don Burcham Co	510 N.W. 19th Ave, Portland 9, Ore	
Pa	John Olsen Co	6201 Shaker Blvd, Cleveland 20, Ohio	
Pa	J E McKinley	577 Crescent Ave, Glenside, Pa	
RI	Adams & McGregor Associates	66 Lakeview Rd, Lincoln, RI	
SC	James Millar Associates	1036 Peachtree St, Atlanta, Ga	
Tenn	James Millar Associates	1036 Peachtree St, Atlanta, Ga	
Tex	Hal Corry	6313 Hillcrest Ave, Dallas, Tex	
Utah	Moss Sales	Box 428, Greeley, Colo	
Vt	Adams & McGregor Associates	66 Lakeview Rd, Lincoln, RI	
Va	J E McKinley	577 Crescent Ave, Glenside, Pa	
Wash	Don Burcham Co	510 N.W. 19th Ave, Portland 9, Ore	
W. Va	John Olsen Co	16201 Shaker Blvd, Cleveland 20, Ohio	
Wisc	Arthur H Peterson	3647 W. 62nd St, Chicago, Ill	
Wyo	Moss Sales	Box 428, Greeley, Colo	
	WRIGHT ELECTRONICS DIV. PACIFIC INDUSTRIES	**2537 Grand Ave. Kansas City 8, Mo**	**BA1-8686**
	J Colbert #5 *150 E 410-415-475-895-1135		
Cal	Frank A Emmet Co	1911 Fair Oaks Ave. S Pasadena	MU2-3721
Cal	L A Nutt & Co	1262 Howard St. San Francisco 3	HE1-4710
Conn	Glenn M Hathaway Electronics	P O Box 797, Canaan	TA4-7215
Fla	Mark Electronic Sales	411 N.E. 147th Terr, N. Miami 61, Fla	WI7-5080
Kan	George E Harris & Co., Inc	3241 E Douglas, Wichita 18	MU3-9295
Md	J H Electronic Sales Co	P O Box 8644, Towson	WO8-0303
Mass	Glenn M Hathaway Electronics	238 Main, Cambridge, Mass	KI7-0380
NJ	Owen P Marchand	8 Riverside Dr. Cranford	BR2-5510
NY	Reed-Tollefson Corp	2815 Monroe, Rochester 18	GR3-2767
Pa	J H Electronic Sales Co	P O Box 742, Newtown	WO8-0276
Tex	Lawrence Sales Co	3422 Crinkle St, Dallas, Tex	FL2-7464
	WRIGHT EQUIPMENT CORP	**120 N. Main St, Milltown, NJ**	**MI8-1400**
	J Wright #2 *31 D 895-920-1215-1245-1390		
Tex	Spartan Equipment Co	P. O. Box 302, Houston 1, Tex	OR3-2121
	WRIGHT LINE DIV. BARRY WRIGHT CORP	**160 Gold Star Blvd. Worcester 6, Mass**	**SW1-8931**
	R Langdon #6 *300 F 180		
	WRIGHT MACHINERY CO. DIV SPERRY RAND CORP	**Durham, NC**	**682-8161**
	#50 *900 E 360-895-1165-1550-1555-1745-1810		
Ala	Sapar Co	561 Via Lugano, Winter Park, Fla	
Ariz	Weightman & Associates	4129 Burbank Blvd. Burbank, Cal	VI9-2435
Cal	Weightman & Assoc	4129 Burbank Blvd. Burbank	VI9-2435
Conn	Sales Engineering Co	Sugar La. Newtown	GA6-4434
Fla	Sapar Co	561 Via Lugano, Winter Park	
Ga	Sapar Co	561 Via Lugano, Winter Park, Fla	
Ill	Henry Sarkis, Inc	5614 N Western Ave. Chicago 38	AR1-3774
Ind	Henry Sarkis, Inc	5614 N Western Ave, Chicago 38, Ill	AR1-3774
Iowa	Bill Bartleson Co	330 Oak Grove, Minneapolis 3, Minn	FE3-6709
Me	Sales Engineering Co	Sudbury Rd. Concord, Mass	EM9-3943
Mass	Sales Engineering Co	Sudbury Rd. Concord	EM9-3943
Minn	Bill Bartleson Co	330 Oak Grove, Minneapolis 3	FE3-6709
Nev	Weightman & Associates	4129 Burbank Blvd. Burbank, Cal	VI9-2435
NH	Sales Engineering Co	Sudbury Rd. Concord, Mass	EM9-3943
NJ	Wright Div. Sperry Rand	55 Denton Ave. New Hyde Park, NY	PR5-8100
NY	Precision Component Sales, Inc	21 Bradley Rd. Utica	RE2-1802
ND	Bill Bartleson Co	330 Oak Grove, Minneapolis 3 Minn	FE3-6709
Pa	Wright Div. Sperry Rand	55 Denton Ave. New Hyde Park, NY	PR5-8100
RI	Sales Engineering Co	Sugar La. Newtown, Conn	GA6-4434
SD	Bill Bartleson Co	330 Oak Grove, Minneapolis 3, Minn	FE3-6709
Vt	Sales Engineering Co	Sudbury Rd. Concord, Mass	EM9-3943
Wis	Henry Sarkis, Inc	5614 N Western Ave. Chicago 45, Ill	AR1-3774
Wis	Bill Bartleson Co	330 Oak Grove, Minneapolis 3, Minn	FE3-6709
•	**WRIGHT METALCOATERS INC**	**255 West St, S. Hackensack, NJ**	**HU7-5136**
	G Brooks #1 *33 C 1305-1815		
NJ	G M Pounds & Co	201 E 1st Ave, Roselle	CH1-2035
	WRIGHT STEEL & WIRE CO., G F	**243 Stafford St, Worcester, Mass**	**PL4-6824**
	G Booth #6 *200 E 620-625-1530-1960		
Ala	E L Hornibrook Co	Avondale Estates, Ga	DR7-4283
Ariz	G F Wright Steel & Wire Co	2400 Wall Ave. LA 22, Cal	RA3-7224
Ark	Lawrence J Baldwin & Son	Carondelet Bldg, New Orleans 12, La	JA5-6705
Cal	G F Wright Steel & Wire Co	2400 Wall Ave. LA 22	RA3-7224
Colo	G F Wright Steel & Wire Co	4956 S. Monitor Ave, Chicago 38, Ill	GL8-1390
Conn	G F Wright Steel & Wire Co	243 Stafford St. Worcester 3, Mass	PL4-6824
Del	L L Wilson Co	121 Coulter Ave. Ardmore, Pa	MI2-1647
Del	H Linn Worthington & Co	Garrison, Md	HU6-2330
DC	H Linn Worthington & Co	Garrison, Md	HU6-2330
Fla	E L Hornibrook Co	Avondale Estates, Ga	DR7-4283
Fla	Insect Wire Screen Corp	Hialeah, Fla	[illegible]
Ga	E L Hornibrook Co	Avondale Estates, Ga	DR7-4283
Idaho	G F Wright Steel & Wire Co	4956 S. Monitor Ave, Chicago 38, Ill	GL8-1390
Ill	G F Wright Steel & Wire Co	4956 S. Monitor Ave, Chicago 38, Ill	GL8-1390
Ind	G F Wright Steel & Wire Co	4956 S. Monitor Ave, Chicago 38, Ill	GL8-1390
Ind	P G MacIntosh & Co	Transportation Bldg, Cincinnati, Ohio	MA1-9381
Iowa	G F Wright Steel & Wire Co	4956 S. Monitor Ave, Chicago 38, Ill	GL8-1390
Kan	G F Wright Steel & Wire Co	4956 S. Monitor Ave, Chicago 38, Ill	GL8-1390
Ky	P G MacIntosh & Co	Transportation Bldg, Cincinnati, Ohio	MA1-9381
La	Lawrence J Baldwin & Son	Carondelet Bldg, New Orleans 12, La	JA5-6705
Md	H Linn Worthington & Co	Garrison, Md	HU6-2330
Me	G F Wright Steel & Wire Co	243 Stafford St. Worcester 3, Mass	PL4-6824
Mass	G F Wright Steel & Wire Co	243 Stafford St. Worcester 3	PL4-6824
Mich	G F Wright Steel & Wire Co	4956 S. Monitor Ave, Chicago 38, Ill	GL8-1390
Minn	G F Wright Steel & Wire Co	4956 S. Monitor Ave, Chicago 38, Ill	GL8-1390
Miss	Lawrence J Baldwin & Son	Carondelet Bldg, New Orleans 12, La	JA5-6705
Mo	G F Wright Steel & Wire Co	4956 S. Monitor Ave, Chicago 38, Ill	GL8-1390
Mont	G F Wright Steel & Wire Co	4956 S. Monitor Ave, Chicago 38, Ill	GL8-1390
Neb	G F Wright Steel & Wire Co	4956 S. Monitor Ave, Chicago 38, Ill	GL8-1390
NH	G F Wright Steel & Wire Co	243 Stafford St. Worcester 3, Mass	PL4-6824
NJ	Baldwin-McLean Inc	21 W. Putnam Ave, Greenwich, Conn	TA8-3553
NJ	L L Wilson Co	121 Coulter Ave, Ardmore, Pa	MI2-1647
NM	Lawrence J Baldwin & Son	Carondelet Bldg, New Orleans 12, La	JA5-6705
NC	E L Hornibrook Co	Avondale Estates, Ga	DR7-4283
ND	G F Wright Steel & Wire Co	4956 S. Monitor Ave, Chicago 38, Ill	GL8-1390
NY	Baldwin-McLean Inc	21 W. Putnam Ave, Greenwich, Conn	TA8-3553
NY	Wire Prods. Co	1514 Kenmore Ave. Buffalo	TR7-1213
Ohio	G F Wright Steel & Wire Co	4956 S. Monitor Ave, Chicago 38, Ill	GL8-1390
Ohio	P G MacIntosh & Co	Transportation Bldg, Cincinnati, Ohio	MA1-9381
Okla	Lawrence J Baldwin & Son	Carondelet Bldg, New Orleans 12, La	JA5-6705
Ore	R M Muthorne Co	0673 SW Taylor's Ferry Rd. Portland	CH6-4566
Pa	L L Wilson Co	121 Coulter Ave, Ardmore	MI2-1647
SC	E L Hornibrook & Co	Avondale Estates, Ga	DR7-4283
SD	G F Wright Steel & Wire Co	4956 S. Monitor Ave, Chicago 38, Ill	GL8-1390
Tenn	E L Hornibrook Co	Box 176, Avondale Estates, Ga	DR7-4283
Tex	Lawrence J Baldwin & Son	Carondelet Bldg, New Orleans 12, La	JA5-6705
Utah	G F Wright Steel & Wire Co	4956 S. Monitor Ave, Chicago 38, Ill	GL8-1390
Va	H Linn Worthington & Co	Garrison, Md	HU6-2330
Wash	Pacific Wire Works	4515-29 6th Ave. S. Seattle 8	MA4-4457
W. Va	H Linn Worthington & Co	Garrison, Md	HU6-2330
Wisc	G F Wright Steel & Wire Co	4956 S. Monitor Ave, Chicago 38, Ill	GL8-1390
Wyo	G F Wright Steel & Wire Co	4956 S. Monitor Ave, Chicago 38, Ill	GL8-1390

• INDICATES ADVERTISERS IN THIS ISSUE

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	WRIGHT & SONS CO., WILLIAM E	**West Warren, Mass**	**HE6-7732**
	H Wright *500 F 1755		
Ill	Winkenwerder Sales Corp	5932 W. Gunnison St, Chicago 30, Ill	PE6-1332
Mass	James H Sullivan	38 Stoner Dr, West Hartford, Conn	JA3-5130
NJ	L K Detwiler	443 Broad St, Newark, NJ	
Ohio	Servisales Co	12417 Cedar Rd, Cleveland, Ohio	
Pa	I R Blair	18 Hilltop Rd, Philadelphia 18, Pa	CH7-1575
	WRIGHT-ZIMMERMAN INC	**New Brighton, St. Paul 12, Minn**	**ME3-3131**
	J Zimmerman #2 *25 C 320-1675-1855		
Cal	Barstown & Doran	1406 S. Grand Ave, Los Angeles 15, Cal	RI9-0438
Cal	Featherstone & Salisbury	1355 Market St, San Francisco 3, Cal	UN1-1466
Colo	Peyser & Co	1510 N. Weber St, Colorado Springs, Colo	ME4-3401
Mich	Robert Milsk Co	19371 James Couzens Hwy, Detroit 35	BR3-3652
NY	The Morsey Sales Co	529 Merchants Rd, Rochester 9	HU2-4133
NY	Rye Sound Co	Box 210, Mamaroneck	OW8-0080
Ohio	Edwards Lohse & Co	2123 E. 9th St, Cleveland 15, Ohio	TO1-5753
	WROUGHT WASHER MFG CO	**2264 S. Bay St, Milwaukee 7, Wisc**	**SH4-0771**
	W Berges *300 175-240-1125-1295-1940		
	WUERTH TUBE-SAVER CORP	**Box 66, Hallandale, Fla**	**WA2-6534**
	B Wuerth #3 *10 C 1460		
Cal	James R Dennis	5855 Melrose Ave, Hollywood 38	
Conn	Sales Associates of New England	106 Woodlawn St, West Hartford 10	
Del	Ferrell S Carmine	14 Knickerbocker Dr, Newark	NE8-7603
DC	Ferrell S Carmine	14 Knickerbocker Dr, Newark, Del	NE8-7603
Ga	Dixie Electronics Associates, Inc	1021 S 8th St, Nashville, Tenn	
Ill	Collins-Havercamp & Associates	6857 N Main St, Kansas City 16, Mo	
Iowa	Collins-Havercamp & Associates	6857 N Main St, Kansas City 16, Mo	
Kan	Collins-Havercamp & Associates	6857 N Main St, Kansas City 16, Mo	
Me	Sales Associates of New England	106 Woodlawn St, W Hartford 10, Conn	
Mass	Sales Associates of New England	106 Woodlawn St, W Hartford 10, Conn	
Mo	Collins-Havercamp & Associates	6857 N Main St, Kansas City 16	
Neb	Collins-Havercamp & Associates	6857 N Main St, Kansas City 16, Mo	GL3-4497
NH	Sales Associates of New England	106 Woodlawn St, W Hartford 10, Conn	
NY	William Ferguson	117 Fayette St, Manlius	
NC	Dixie Electronics Associates, Inc	1021 S 8th St, Nashville, Tenn	AL5-1344
Pa	Ferrell S Carmine	14 Knickerbocker Dr, Newark, Del	NE8-7603
SC	Dixie Electronics Associates, Inc	1021 S 8th St, Nashville, Tenn	AL5-1344
Tenn	Dixie Electronics Associates, Inc	1021 S 8th St, Nashville	AL5-1344
Va	Ferrell S Carmine	14 Knickerbocker Dr, Newark, Del	NE8-7603
	WURLITZER CO	**North Tonawanda, NY**	**NX3-2500**
	#100 *1000 G 870-895-1120-1180-1255-1460		
	WYCO METAL PRODUCTS	**6918 Beck Ave, Hollywood, Cal**	**ST7-5579**
	L Turner *50 180-230-260-1245-1390		
Ala	Maitland K Smith	208 14th St, N.W., Atlanta, Ga	TR5-8031
Ariz	Shefler-Kahn	240 S. 1st St, Phoenix, Ariz	AL8-7893
Ark	M F Klicpera	Box 3113, Houston, Tex	JA2-8459
Cal	Rudat & Ewing	636 Waverly St, Palo Alto, Cal	DA2-5232
Colo	McLoud & Raymond	5403 E. Evans Ave, Denver, Colo	SK6-1589
Fla	Maitland K Smith	322 Riverside Dr, Orlando Beach, Fla	
Ga	Maitland K Smith	208 14th St, N.W., Atlanta, Ga	TR5-8031
Hawaii	Rudat & Ewing	636 Waverly St, Palo Alto, Cal	DA2-5232
Idaho	J K Dooley	3215 Western Ave, Seattle, Wash	AT4-8313
Idaho	McLoud & Raymond	5403 E. Evans Ave, Denver, Colo	SK6-1589
Ill	A H Bruning	1758 W. Lawrence, Chicago, Ill	ED4-0989
Ind	Edwin A Schultz	721 Sherwood Dr, Indianapolis, Ind	BR1993
Iowa	Fred Somers	18th & Grand Ave, Kansas City, Mo	GR1-1355
Kan	Fred Somers	18th & Grand Ave, Kansas City, Mo	GR1-1355
Ky	Edwin A Schultz	721 Sherwood Dr, Indianapolis, Ind	BR1993
La	M F Klicpera	1201 Castle St, Dallas, Tex	RI2-2515
Mass	Mosher & Peyser	945 Great Plains Ave, Needham, Mass	HI4-1400
Miss	M F Klicpera	1201 Castle St, Dallas, Tex	RI2-2515
Mo	Fred Somers	18th & Grand Ave, Kansas City, Mo	GR1-1355
Mont	J K Dooley	3215 Western Ave, Seattle, Wash	AT4-8313
Mont	McLoud & Raymond	5403 E. Evans Ave, Denver, Colo	SK6-1589
Neb	Fred Somers	18th & Grand Ave, Kansas City, Mo	GR1-1355
Nev	Wyco Metal Products	6918 Beck Ave, N. Hollywood, Cal	TR7-1316
NJ	A Friedman Associates	188-16 Jamaica Ave, Jamaica, NY	SP4-800
NM	Shefler-Kahn	240 S. 1st St, Phoenix, Ariz	AL8-7893
NY	A Friedman Associates	188-16 Jamaica Ave, Jamaica, NY	SP4-800
NY	Leo Jacobson	1366 Kenmore Ave, Buffalo, NY	DE0442
NC	Maitland K Smith	920 W. Hill St, Charlotte, NC	FR6-5950
Okla	M F Klicpera	Box 3113, Houston, Tex	JA2-8459
Ore	J K Dooley	3215 Western Ave, Seattle, Wash	AT4-8313
SC	Maitland K Smith	920 W. Hill St, Charlotte, NC	FR6-5950
Tenn	Maitland K Smith	920 W. Hill St, Charlotte, NC	FR6-5950
Tex	Shefler-Kahn	240 S. 1st St, Phoenix, Ariz	AL8-7893
Tex	M F Klicpera	Box 3113, Houston, Tex	JA2-8459
Utah	McLoud & Raymond	5403 E. Evans Ave, Denver, Colo	SK6-1589
Wash	J K Dooley	3215 Western Ave, Seattle, Wash	AT4-8313
Wisc	A H Bruning	1758 W. Lawrence, Chicago, Ill	ED4-0989
Wyo	McLoud & Raymond	5403 E. Evans Ave, Denver, Colo	SK6-1589
Foreign	Dage Corp	219 E. 44th St, New York, NY	MU2-6755
	WYE INDUSTRIES	**6 General Devine Way, Boston 27, Mass**	**AN9-1160**
	J Wye #10 *20 A 265-290-1715		
	WYLE LABS. MFG. DIV	**133 Center St. El Segundo, Cal**	**EA2-1763**
	J Soeller #8 *50 E 250-410-1075-1935		
Cal	K C Bass Co	12820 Wright Ave, Chino	NA8-4580
Cal	Howard & Company	938 N. Linden Ave, S. San Francisco, Cal	
Colo	R Allen Price	4611 Homestead, Littleton, Colo	PY4-6367
Colo	Price Engineering Sales Assoc	4611 Homestead, Littleton, Colo	
Conn	C F Russell Co	50 Park Ave, Bay Shore, NY	MO5-2623
Del	C F Russell Co	50 Park Ave, Bay Shore, NY	MO5-2623
DC	C F Russell Co	50 Park Ave, Bay Shore, NY	MO5-2623
Fla	C F Russell Co	50 Park Ave, Bay Shore, NY	MO5-2623
Ga	C F Russell Co	50 Park Ave, Bay Shore, NY	MO5-2623
Mich	C J Dudley Co	16801 Euclid Ave, Cleveland, Ohio	IV6-1800
NJ	C F Russell Co	50 Park Ave, Bay Shore, NY	MO5-2623
NY	C F Russell Co	50 Park Ave, Bay Shore	MO5-2623
Ohio	C J Dudley Co	16801 Euclid Ave, Cleveland 12, Ohio	IV6-1800
	A E Creek	10203 NE 1st, Bellvue, Wash	GL4-7474

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Pa	C F Russell Co	50 Park Ave, Bay Shore, NY	MO5-2623
Tex	W N Rider	6234 Peeler St, Dallas 35, Tex	FL7-2246
Utah	R Allen Price	4611 Homestead Ave, Littleton, Colo	PY4-6367
Wash	A E Creek	10203 NE 1st, Bellvue, Wash	GL4-7474
For	Telesco Int. Corp., The	171 Madison Ave, NY 16, NY	MU3-9420
●	**WYRCO PROJECTS, INC**	**Forsythe Ave, Owego, NY**	**MU7-3950**
	T Coonrod #4 *12 A 1075		
Ala	Bill Henry Associates	Charlotte 7, NC	FR5-8958
Ariz	Thomas L Stevens Co	Lawndale, Cal	
Ark	Lawrence Sales Co	Dallas 20, Tex	FL2-7484
Cal	Ernst W Dorn Co., Inc	Los Angeles 7	RI9-6481
Del	Howard C Buerger Co	Wyncote, Pa	CA4-1740
DC	Howard C Buerger Co	Wyncote, Pa	CA4-1740
Fla	Jack Geartner Co	Miami Beach	JE1-0200
Ga	Bill Henry Associates	Charlotte 7, NC	FR5-8958
Ill	Charles S Polachek Associates	Milwaukee 17, Wis	FL2-8650
Ind	John McEvoy	Park Forest, Ill	
Kan	Process Supply Co	St Louis 10, Mo	
Md	Lawrence G Fuller, Jr	Ardmore, Pa	MI2-2468
Mass	Etchomatic, Inc	Waltham	TW3-2020
Mo	Process Supply	St Louis 10	
Nev	Thomas L Stevens Co	Lawndale, Cal	OR8-4782
NJ	Lawrence G Fuller, Jr	Ardmore, Pa	MI2-2468
NM	Lawrence Sales Co	Dallas 20, Tex	FL2-7484
NY	Printed Circuit Eqpt & Supply	New York 7	RE2-9340
Okla	Lawrence Sales Co	Dallas 20, Tex	FL2-7484
Pa	Lawrence G Fuller, Jr	Ardmore	MI2-2468
SC	Bill Henry Associates	Charlotte 7, NC	FR5-8958
Tenn	Bill Henry Associates	Charlotte 7, NC	FR5-8958
Tex	W T Blackburn Associates	Dallas 20	FL1-0230
Wis	John McEvoy	Park Forest, Ill	
	X-ACTO INC	**48-41 Van Dam St, LIC 1, NY**	**EX2-3333**
	D Gluck *40 525-1715-1825		
Alas	Dave M Lee Co	3527 NE. Union Ave, Portland, Ore.	
Ariz	Bowen & Carlberg	2228-A San Mateo Blvd, Albuquerque NM	
Ark	Crockett Sales Co	2204 Griffin, Dallas 2, Tex.	
Cal	William W Doniger	649 Alvarado Rd, Berkeley 5	
Colo	R G Bowen Co	463 E. 3rd S, Salt Lake City, Utah	
Conn	Albert N Reinherz	45 Chestnut Hill Ave, Brighton 35, Mass.	
Del	Eberle-Schaar Co	RD 1, Lewisberry, Pa.	
Del	Eberle-Schaar Co	425 Stratford Rd, Baltimore, Md.	
DC	Eberle-Schaar Co	425 Stratford Rd, Baltimore, Md.	
Fla	Ted Sharaf Assoc	910 Van Buren St, Hollywood	
Idah	R G Bowen Co	463 E. 3rd S, Salt Lake City 11, Utah	
Idah	Dave M Lee Co	3527 NE. Union Ave, Portland, Ore.	
Ind	Delta Sales Inc	2136 E. 52nd St, Indpls.	
Ky	Delta Sales Inc	2136 E. 52nd St, Indpls, Ind.	
La	Crockett Sales Co	2204 Griffin, Dallas 2, Tex.	
Me	Albert N Reinherz	45 Chestnut Hill Ave, Brighton 35, Mass.	
Md	Eberle-Schaar Co	425 Stratford Rd, Baltimore	
Mass	Albert N Reinherz	45 Chestnut Hill Ave, Brighton 35	
Mich	Robert Milsk Co	19371 James Couzens Hwy, Detroit	
Minn	E W Melius & Assoc	2635 University Ave, St. Paul 14	
Mont	R G Bowen Co	463 E. 3rd S, Salt Lake City 11, Utah	
Mont	Dave M Lee Co	3527 NE. Union Ave, Portland, Ore.	
Nev	William W Doniger	649 Alvarado Rd, Berkeley 5, Cal.	
NH	Albert N Reinherz	45 Chestnut Hill Ave, Brighton 35, Mass.	
NJ	Eberle-Schaar Co	RD 1 Lewisberry, Pa.	
NJ	Eberle-Schaar Co	425 Stratford Rd, Baltimore, Md.	
NM	Bowen & Carlberg	2228-A San Mateo Blvd, NE, Albuquerque	
NY	Erde-Haviland Assoc	271 Hempstead Ave, Malverne	
ND	E W Melius & Assoc	2635 University Ave, St. Paul, Minn.	
Ohio	James H Podolny Co	5912 Penn Ave, Pittsbgh, Pa.	
Okla	Crockett Sales Co	2204 Griffin, Dallas 2, Tex.	
Ore	Dave M Lee Co	3527 NE. Union Ave, Portland	
Pa	James H Podolny Co	5912 Penn Ave, Pittsbgh 6	
RI	Albert N Reinherz	45 Chestnut Hill Ave, Brighton 35, Mass.	
SD	E W Melius & Assoc	2635 University Ave, St. Paul 14, Minn.	
Tex	Crockett Sales Co	2204 Griffin, Dallas 2	
Utah	R G Bowen Co	463 E. 3rd S, Salt Lake City	
Vt	Albert N Reinherz	45 Chestnut Hill Ave, Brighton 35, Mass.	
Va	Eberle-Schaar Co	425 Stratford Rd, Baltimore, Md.	
Wash	Dave M Lee Co	3527 NE. Union Ave, Portland, Ore.	
W Va	James H Podolny Co	5912 Penn Ave, Pittsbgh, Pa.	
Wyo	R G Bowen Co	463 E. 3rd S, Salt Lake City, Utah	
Can	G M Kruger & Co	166 Princess St, Winnipeg	
Can	G M Kruger & Co	119 W. Pender St, Vancouver	
	XCELITE INC	**28 Bank St, Orchard Park, NY**	**NN2-4461**
	A Verdon #2 *70 E 1825		
Cal	Snow Sales Co	2720 S. San Pedro, Los Angeles, Cal	
Cal	Snow Sales Co	470 Alabama St, San Francisco, Cal	
Colo	Snow Sales Co	729 Broadway, Denver, Colo	
Ga	F C Nickerson Co	626 Medlock Rd, Decatur, Ga	ME6-2752
Hawaii	Jim Hastin Sales Co	Box 2098, Honolulu 5, Hawaii	511-755
Ill	Bruce Cumming & Associates	6029 W. Belmont Ave, Chicago 34, Ill	ME7-3770
Ind	Thomas & Sukup Inc	5226 N. Keystone Ave, Indianapolis, Ind	CL1-4574
Mass	Glenn M Hathaway Electronics Inc	238 Main St, Cambridge 42, Mass	KI7-0380
Mich	Lawrence F Zaffina Co	7351 Gratiot Ave, Detroit 13, Mich	WA1-2885
Minn	Marvin H Kirkeby Co	204 Sunnyridge Ln, Minneapolis 22, Minn	FR7-3239
Mo	F C Somers & Co	17th & Main Sts, Kansas City 8, Mo	GR1-1355
NY	Jerry Kirshbaum & Co	1533 Peninsula Blvd, Hewlett, NY	FR4-0111
Ohio	John O Olsen Co	16201 Shaker Blvd, Cleveland 20, Ohio	SK2-5444
Pa	C H Stratton Co	514 E. Wadsworth St, Philadelphia 19	CH7-7569
Tenn	Al S Engelman Co	3205 Crump Ave, Memphis, Tenn	GL8-6263
Tex	McClintock Sales Co	2631 Commerce St, Dallas 26, Tex	RI7-1519
Wash	Snow Sales Co	1125 W. 1st St, Spokane, Wash	
	X-RAY PRODUCTS CORP	**7829 Industry Ave, Pico-Rivera, Cal**	**RA3-8625**
	W Christenson #4 *60 D 200-895-1100-1400-1855-1880-1990		
●	**YARDNEY ELECTRIC CORP**	**40 Leonard St, New York, NY**	**WO6-3100**
	S Padwa #100 *725 G 70-255		
Cal	Yardney Electric Corp	6399 Wilshire Blvd, Los Angeles 48	OL3-9444
DC	Roger W McAleer	1725 I St. NW, Washington 6	FE8-2084

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Ohio	Arnold Clark	4209 Brumbaugh Blvd, Dayton, Ohio	CR7-7712
Tex	Wm. Rider	6234 Peeler St. Dallas 35	FL7-2246
	YELLOW SPRINGS INSTRUMENT CO., INC	**P. O. Box 106E, Yellow Springs, Ohio**	**RO7-7242**
	R Schiff #8 *52 D 338-360-895-1790		
	YOKOGAWA ELECTRIC WKS INC	**40 Worth St, New York 13, NY**	**BE3-6720**
	Y Morio #6 *23 D 895		
Cal	Halbar Assoc	1001 Glendale Blvd. LA 26	DU2-8087
Conn	Richard H Whitehead Jr. Assoc	57 Whitfield St, Guilford	GL3-3762
Ill	Karl A Kopetzky & Assoc	4900 N. Lincoln Ave, Chicago 26	LO1-1081
La	Deshautreaux Eng. Co	Box 261, Kenner	KE4-4665
Mass	American Dynamics Corp	146 Main St, Maynard	TW7-7293
NY	Calvert Electronics Inc	536 Broadway, NY 12	CA6-7400
Pa	Tyler Griffin Co	32 S. Fairfield Rd, Devon	MU8-4821
Tex	N S Brown Assoc	5852 Boca Raton Dr, Dallas 30	EM3-3698
For	Yokogawa Electric Works Ltd	3030 Kichijoji Musashino-shi, Tokyo, Jap	
	YORK-HOOVER CORP	**York, Pa**	**5451**
	45-135-180-1220-1570-1840		
	YORK METAL PRODUCTS INC	**350 Greenwich St, New York 13, NY**	**WA5-7227**
	A Bisnoff #3 *25 C 100-135-140-180-210-230-260-285-590-605-1065-1120-1125-1245-1290-1390		
	YORK RESEARCH CORP., KIP ELECTRONICS DIV	**1 Research Dr, Stamford, Conn**	**DA5-1371**
	W Hyer #21 *47 C 1880		
Ark	George Weinreich & Assoc	1210 Old Gate Ln, Dallas, Tex	DA1-2180
Cal	A. A. Dowers & Co	2918 E. Florence Ave, Huntington Park	LU2-5105
Cal	Ray Dal Bucchia	179 S. Mayfair Ave, Daly City, Cal	PL6-8414
NJ	Land-C-Air Sales Co	140 Marbledale Rd, Tuckahoe, NY	WO1-4700
NY	Land-C-Air Sales Co	140 Marbledale Rd, Tuckahoe, NY	WO1-4700
Pa	Argus Industries, Inc	P.O. Box 68, Warminster	OS5-4131
Tex	George Weinreich & Assoc	1210 Old Gate Lane, Dallas, Tex	
	YOUNG BROTHERS CO	**1829 Columbus Rd, Cleveland, Ohio**	**MA1-2473**
	735-820-895-1215		
	YUBA DALMOTOR DIV YUBA CONSOLIDATED INDUSTRIES INC	**1375 El Camino Real, Santa Clara, Cal**	**CH3-9414**
	W Reinders 105-895-915-1165		
Ala	W H Kimbell	8444 Piney Branch Ct, Silver Springs, Md	JU8-1154
Ariz	Carter Associates	P O Box 94, Scottsdale	WH5-3611
Cal	C R Lynch & Son	3707 Glendale Blvd. LA	NO3-8236
Colo	Air Quip Sales	7844 Main St, Kansas City, Mo	DE3-6021
Conn	Creek Corp., The	Lumber Rd, Roslyn, NY	MA1-7410
Conn	Forbes Eng	19 Flint St, Salem, Mass	PI4-1693
Del	W H Kimbell	8444 Piney Branch Ct, Silver Spring, Md	JU8-1154
DC	W H Kimbell	8444 Piney Branch Ct, Silver Spring, Md	JU8-1154
Fla	W H Kimbell	8444 Piney Br. Ct, Silver Spring, Md	JU8-1154
Ga	W H Kimbell	8444 Piney Br. Ct, Silver Spring, Md	JU8-1154
Ill	Dave Hausten Co	609 E Willow Ave, Wheaton	MO8-7312
Ind	James P Kosta Co	Box 292, Birmingham, Mich	MI6-9151
Iowa	Dave Hausten Co	609 E Willow Ave, Wheaton, Ill	MO8-7312
Kan	Air Quip Sales Co	6513 Magill, Wichita	MU4-2373
Me	Forbes Eng	19 Flint St, Salem, Mass	PI4-1693
Md	W H Kimbell	8444 Piney Branch Ct, Silver Spring	JU8-1154
Mass	Forbes Eng Co	19 Flint St, Salem	PI4-1693
Mich	James P Kosta Co	Box 292, Birmingham	MI6-9151
Minn	H R Harris Co	807 13th Ave. S, Minneapolis 4	FE6-4388
Miss	W H Kimbell	8444 Piney Branch Ct, Silver Spring, Md	JU8-1154
Mo	Air Quip Sales Co	7844 Main St, Kansas City	DE3-6012
NH	Forbes Engineering	19 Flint, Salem, Mass	PI4-1693
NJ	Creek Corp., The	Lumber Rd, Roslyn	MA1-7410
NM	Carter Assoc	P O Box 94, Scottsdale, Ariz	WH5-3611
NY	Creek Corp	Lumber Rd, Roslyn	MA1-7410
NC	W H Kimbell	8444 Piney Branch Ct, Silver Spring, Md	JU8-1154
ND	H R Harris Co	807 13th Ave. S, Minneapolis 4, Minn	FE6-4388
Ohio	Frederic L Ohmer & Assoc	Box 2013, Kettering Br. Dayton 29	
Ohio	George Kepner Co	1721 Olivery Bldg, Pittsburgh 22, Pa	EX1-0223
Pa	George Kepner Co	1721 Olivery Bldg, Pittsburgh 22	EX1-0223
Pa	W H Kimbell	8444 Piney Branch Ct, Silver Spring, Md	JU8-1154
RI	Forbes Engineering	19 Flint, Salem, Mass	PI4-1693
SC	W H Kimbell	8444 Piney Branch Ct, Silver Spring, Md	JU8-1154
SD	H R Harris Co	807 13th Ave. S, Minneapolis 4, Minn	FE6-4388
Tenn	W H Kimbell	8444 Piney Branch Ct, Silver Spring, Md	JU8-1154
Tex	Kemp Engineering Co	P O Box 13251, Dallas 20	FL7-6663
Utah	Carter Assoc	P O Box 94, Scottsdale, Ariz	WH5-3611
Vt	Forbes Engineering Co	19 Flint, Salem, Mass	PI4-1693
Va	W H Kimbell	8444 Piney Branch Ct, Silver Spring, Md	JU8-1154
W Va	W H Kimbell	8444 Piney Branch Ct, Silver Spring, Md	JU8-1154
Wis	Dave Hausten	609 E Willow, Wheaton, Ill	MO8-7312
Wis	H R Harris	807 13th Ave. S, Minneapolis, Minn	FE6-4388
For	Yuba Internation Div	122 E 42nd St, New York, NY	OX7-9140
●	**YUTAKA ELECTRIC MFG CO. LTD**	**1-1253 Yutaka-cho, Shinagawa-Ku, Tokyo, Jap**	
	J Nishimura #25 *230 B 320-380-900-1125-1420-1455-1855-1860-1945		
	Z & W MFG CORP ELECTRONICS DIV	**30240 Lakeland Blvd, Wickliffe, Ohio**	**WH3-5700**
	F Gabrke #8 *400 E 45-320		
	ZACHARIAS ELECTRONICS CORP	**Box 246, Whippany, NJ**	**TU7-1616**
	S Marcus #3 *7 A 338-895		
Cal	Peninsula Asso	1345 Hancock St, Red Wood City	EM9-1226
Fla	DuBovy Assoc	610 N. Orange Ave, Orlando	GA5-7472
Me	C M Lamb	Sawyer Ave, Atkinson, NH	
Mass	C M Lamb	Sawyer Ave, Atkinson, NH	
NH	C M Lamb	Sawyer Ave, Atkinson	
NY	NLR Assoc	15 Tenney Ct, W. Orange, NJ	RE1-0774
Pa	NLR Assoc	15 Tenney Ct, W. Orange, NJ	RE1-0774
Ore	Peninsula Assoc	1345 Hancock St, Red Wood City, Cal	EM9-1226
Wash	Peninsula Assoc	1345 Hancock St, Red Wood City, Cal	EM9-1226
	ZACHARIAS CO., ROBERT	**6055 N Keystone Ave, Chicago 46, Ill**	**JU3-3333**
	J Zacharias #1 *35 D 1305		
Ind	James Anderson	3917 N Durwood Dr, Indianapolis	LI6-8075
Mo	Robert Decker	909 N Kirkwood Rd, Kirkwood 22	YO5-7248

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TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
	ZELL PRODUCTS CORP	**276-280 Main St, Norwalk, Conn**	**VI7-3811**
	1545		
Ariz	Fryco Sales	Box 404, Scottsdale, Ariz	
Cal	Weiss Sales Co	2837 Wilshire Blvd, Santa Monica, Cal	
Fla	Menco Inc	2617 Jewel Rd, Largo, Fla	
Minn	Hamilton & Doyle Associates	2359 Republic Ave, Minneapolis, Minn	
Mo	W E Fry & Co	1636 N. Florissant Ave, St. Louis, Mo	
Mo	W E Fry & Co	406 W. 34th St, Kansas City, Mo	
NY	John Lazer	Box 307, Rochester, NY	
NY	Dage Corp	219 E. 44th St, New York, NY	
Ohio	Augey Nuhalins	Box 644, Stow, Ohio	
Wash	Myron R Smith	9360 N.E. 12th St, Bellevue, Wash	
Canada	Electrodesign	736 Notre Dame St, W. Montreal, Canada	
	ZENITH ELECTRIC CO	**152 W. Walton St, Chicago, III**	**MI2-3322**
	V Holland #3 *100 E 1735-1810		
Ariz	W C Osborn	P O Box 6586, Phoenix	WI3-1815
Cal	James Mundstock	417 Market St Bldg, Seattle	YU1-0500
Cal	James Mundstock	417 Market St Bldg, San Francisco, Cal	YU6-3935
Cal	Ed Warburg Co., Inc	1207 E. 8th, Los Angeles, Cal	MA7-1126
Fla	Elmer W Rasmussen & Assoc	Box 264, Clearwater	3-2542
Fla	McShannon Pappell	5158 Janice Circle, Jacksonville	
Fla	Bryan P Fisher	Box 47795, Miami 47	MU8-3839
Fla	Vic Lanford	4250 N E 5 Terrace, Fort Lauderdale	LO4-5046
Ga	Kenton & Johnson	7 Camden Rd, N.E., Atlanta, Ga	TR4-5500
Haw	Wm E Niven	End of Sand Is, Access Rd, Honolulu	814-044
III	Clagett Eng Sales Co	470 Ellis Ave, Rockford	WO5-4555
Iowa	E T Collins & Associates	301 Plymouth Bldg, Des Moines, Iowa	AT2-1659
Ky	J L Rougeart	4617 Duncan, Louisville, Ky	SP6-1682
La	W J Keller	1024 Harding Dr, New Orleans	HU8-4848
Md	Eastern Sales Co	1561 Lister Rd, Baltimore, Md	CI2-4700
Mass	E P McEleney Co	310 West St, Hyde Park 36	HY3-5259
Mich	A J Pezzello Co	22434 Kendall Ave, Detroit, Mich	KE3-4598
Minn	Northwest Equipment Supply Co	1775 Selby Ave, St. Paul, Minn	MI6-6111
Mo	Charles Dettert Co	1322 N Grand Blvd, St Louis	JE3-7100
Mo	Chas V Dunn & Associates	715 W. 23rd St Trfwy, Kansas City, Mo	BA1-1106
NY	Fred G Kraut & Son	140 W. Vernon Ave, Mt. Vernon, NY	MO4-7791
NY	Lewis E Walkie	115 Mill St, Buffalo	NF2-4592
NY	Paul MacNeill	130 Wellwood Dr, Syracuse	NE7-9205
NY	Fred G Kraut	P O Box 902, Schenectady 1	EX3-1117
NC	E T Drew	3703 Kirby Dr, Greensboro, NC	BR5-3775
Ohio	Daly Co	3349 Meyer Pl, Cincinnati, Ohio	HU1-4529
Ohio	R F Pooke & Associates	451 The Arcade, Cleveland, Ohio	MA1-3166
Okla	Roy Suffers	1941 NW 17th St, Oklahoma City 6	JA8-2979
Okla	Elmer Lambert	1023 E 31st St, Tulsa	72-8684
Pa	Industrial Electric Sales	Box 4003, Philadelphia, Pa	GE8-9028
Pa	R J Kopp	61 Harwood, Bridgeville	TE5-4702
Pa	W J Kopp's Assoc	331 Jefferson, Meadville	ME2-3114
Tenn	Industrial Electric Co	120 S. 11th St, Nashville, Tenn	CA7-3812
Tex	Ed Borch	2415 Converse, Dallas	RI8-1171
Tex	Marshall Elmore	140 Little Flower Rd, El Paso	PR2-2881
Tex	Robert R Barr	5417 Fayette, Houston	SU2-6379
Wisc	Electric Power Co	1930 N. Lake Dr, Milwaukee, Wisc	FL2-9590
Canada	Henderson-Oliver Sales	41 Springbrook Gardens, Tor, Ont, Can	BE1-3761
	ZENITH OPTICAL LABORATORY	**1940 Great Neck Rd, Copiague, NY**	**AM4-4616**
	#11 *75 E 280-315-885-980-995-1015-1140-1210-1385		
	ZENITH PLASTIC CO	**P. O. Box 91, Gardena, Cal**	**FA1-2020**
	45-180-230-975-1135-1290		
	ZENITH RADIO CORP	**6001 Dickens Ave, Chicago 39, III**	
	45-220-325-330-365-555-815-895-1130-1135-1255-1425-1675-1845-1855-1870-1880-1915-1995		
	ZERO MFG CO	**1121 Chestnut St, Burbank 71, Cal**	**VI9-5521**
	135-180-210-260-590-1065-1120-1125-1220-1225-1230-1605		
Ariz	Howe & Howe	P. O. Box 10152, Phoenix, Ariz	AM5-9185
Cal	Aeral Associates	1177 University Dr, Menlo Park, Cal	DA1-10
Cal	Ned Crawford	746 Armada Terr, San Diego, Cal	AC3-8531
Colo	Gates Co	3395 S. Bannock St, Englewood, Colo	SU1-8566
III	Harry Halverton Engineers	6400 N. Lcoli, Chicago, III	RO3-2132
Ind	Wright Engineering Corp	P. O. Box 23107, Indianapolis, Ind	WA3-6888
Iowa	Engineering Services Co	1505 Oakland Garden, Cedar Rapids, Iowa	
Kan	Engineering Services Co	5495 E. Indianapolis, Wichita, Kan	MU3-3751
Md	L G White & Co	895 Sanford St, Silver Spring, Md	JU5-3141

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Mass	The Dan Greene Org Inc	P. O. Box 124, Cambridge, Mass	UN4-2220
Minn	Anderson & Associates	3825 York Ave, N., Minneapolis, Minn	JU8-2390
Mo	Engineering Services Co	4550 Main St, Kansas City, Mo	JE1-7765
NJ	SAM Associates	595 Broad Ave, Ridgefield, NJ	
NM	Gates Co	122 Harvard Dr, S.E., Albuquerque, NM	CH3-8010
NY	Midstate Research Sales Inc	327 Wellesley Rd, Syracuse, NY	GR8-8314
NY	SAM Associates	150-08 87th Ave, Jamaica, NY	OL8-8881
NC	Murphy & Cota	1106 Burke St, Winston Salem, NC	PA4-0750
NC	L G White & Co	P. O. Box 2156, Winston Salem, NC	PA5-3612
Ohio	Robert K Depnk & Associates	10005 Chippewa Rd, Brecksville, Ohio	LA1-4034
Pa	L G White & Co	134 N. Narberth, Narberth, Pa	MO4-6506
Tex	Aerol Texas	314 N. East St, Arlington, Tex	CR5-2400
Utah	Gates Co.	200 S. Main St, Salt Lake City, Utah	EL9-1101
Wash	Ted E Dellis	318 Westlake Ave, N., Seattle, Wash	MA4-0442
	ZERO-MAX CO	**2845 Harriet Ave S, Mnpls, Minn**	**TA7-5521**
	R Grey #1 *40 E 535		
Cal	William H Citrin	1435 N. Blackstone Ave, Fresno 3, Cal.	AM4-4177
Cal	R Meussdorffer & Associates	3407 Cahuenga Blvd, Los Angeles 28	HO2-6039
Colo	Hubert Kenk & Co	1025 Santa Fe Dr, Denver 4, Colo	MA3-4606
Fla	J H Stanhouse	32 S Palm Dr, Sarasota	RI7-6815
Ga	James E Watson Co	Box 88, Marietta, Ga	9-6423
Hawaii	Hawaii Inc	Box 1379, Honolulu 14, Hawaii	501-160
III	Schrade-Batterson Co	5253 W. Belmont Ave, Chicago 41, III	AV2-0200
Ky	Charles Goodrich Jr	Box 386, Louisville 1, Ky	GL4-4006
Mass	Fox Engineering Co	13 Eaton Ct, Wellesley Hills 82, Mass	CE5-4105
Mich	L H Flaherty Co	Box 877, Md St Sta, Grand Rapids, Mich	CH5-9266
Mich	C H Alexander	9915 Ingram St, Livonia, Mich	GA1-6363
Minn	Raymond Engineering Sales	7019 Kerry Rd, Minneapolis 24	WE9-6417
Mo	O A Baumann Co	P O Box 3896, Kirkwood 22	PA6-6226
Mo	Jack M Gilbert Co	131 E. 70th St, Kansas City 13, Mo	DE3-6830
Neb	William J Zimmermann	3811 N 66th, Omaha	556-7831
NY	C J Speicher Co	Box 203, Ithaca, New York	IT4-9829
NY	Leo J Cross Inc	90 West St, New York 6, NY	BA7-1772
NY	H Allen Mason	731 Ashland Ave, Buffalo 22, NY	LI1027
NC	Cross Sales & Engineering Co	824 Winston Ave, Greensboro, NC	GR5-6364
Ohio	Zenith Engineering Sales	4169 Pearl Rd, Cleveland 9	ON1-1742
Ohio	Willey-Wray Electric Co	1523 Central Pkwy, Cincinnati 14, Ohio	PA1-4720
Okla	William H Mason Co	801 W. 23rd St, Tulsa, O'kla	LU5-8138
Ore	Norman Rupp Co	101 S.W. Front Ave, Portland 4, Ore	CA8-4311
Pa	Williamson Associates Inc	139 Nevin St, Lancaster, Pa	EX7-0321
Pa	Walter N Laska	530 Smith Ave, Pittsburgh 19, Pa	GR1-0490
Tex	L Isaacson Associates	1620 Dallas St, Houston, Tex	CA7-0237
Wis	Schrade-Batterson Co., The	3345 Anders Ln, Brookfield	SU1-5660
Foreign	Sales Offices/Representatives in all principal countries		
	ZEUS ENGINEERING CO., INC	**625 S Kingsley Dr. Los Angeles 5, Cal**	**DU7-7175**
	A Fitzgerald #1 *10 A		
	ZIERICK MFG CORP	**Beechwood & Rockdale, New Rochelle, NY**	**NE6-8520**
	J Redlein *75 285-300-790-1700		
Cal	Yarbrough Sales Co	192 E Glenarm St, Pasadena	
III	Karl D Engle Co	4724 N. Sheridan Rd, Chicago, III	UP8-6363
Mass	James Senek	28 Roberta Ave, Pawtucket, RI	PA5-9552
NH	James Senek	28 Roberta Ave, Pawtucket, RI	PA5-9552
NM	Yarbrough Sales Co	2606 Mission St, San Marino, Cal	MU2-3331
RI	James Senek	28 Roberta Ave, Pawtucket, RI	PA5-9552
Vt	James Senek	28 Roberta Ave, Pawtucket, RI	PA5-9552
	ZINN INSTRUMENTS	**P. O. Box 733, Lomita, Cal**	
	338-895		
	ZIPPERTUBING CO	**13000 S. Broadway, LA 61, Cal**	**FA1-3901**
	H Edwards *500 50-900-1290-1575-1985		
Ariz	Howe & Howe	4328 N 42nd Pl, Phoenix	AM5-9185
Cal	Plastic Center Co	186 S. Alvarado St. LA	DU1-3053
Cal	Western Fibrous Glass Prod. Co	4423 Fruitland Ave, LA	LU8-3211
Cal	William J Purdy Co	312 7th St, San Francisco 3, Cal	
Colo	Denver Electronics Supply	1254 Arapahoe St. Denver	AM6-1671
Conn	Zippertubing Co., The	Rear 470, Hwy. 46, S. Hackensack, NJ	HU7-6261
Ga	Lynd A Walling	P. O. Box 3045, Atlanta, Ga	
III	United Aircraft Supply Corp	5637 W. 63rd Pl. Chicago	PO7-1500
III	Stremco Prods. Inc	1534 W. Van Buren St. Chicago	TA9-5175

TERR	MANUFACTURERS SALES/OR REPRESENTATIVES	OFFICES	TEL. NO.
Kan	Thunderbird Engrg Sales & Serv Inc	6405 E. Kellogg, Wichita, Kan	
Md	Valley Electronics	1735 E. Joppa Rd. Towson	VA5-7820
Md	The Zippertubing Co	Rear 470 Hwy. 46, S. Hackensack, NJ	HU7-6261
Mass	Greene-Shaw Co	342 Water Town St. Newton	WO9-8900
Minn	A J Warner Co	5022 29th Ave, S., Minneapolis, Minn	
Mo	General Aviation Supply Co	Lambert Field, St. Louis	PE1-1100
Mo	Thunderbird Engrg Sales & Serv Inc	7811 Carondelet Ave, St. Louis 5, Mo	
Mo	Thunderbird Engrg Sales & Serv Inc	2828 Main St, Kansas City, Mo	
NJ	Zippertubing Co., The	Rear 470 Hwy 46, S Hackensack	HU7-6261
NY	Component Sales Co	Albany Post Rd. Hyde Park	CA9-7771
Ohio	Stremco Prods. Inc	1111 Power Ave. Cleve 14	CH1-4264
Pa	Pittsbgh. Electrical Insulation Co. Inc	Lebanon School Rd. Pittsbgh 36	HO2-6300
Tex	Busacker Electronic Eqpt. Co. Inc	1216 W. Clay, Houston 19	JA6-4661
Tex	Contact Electronics Inc	2403 Farrington, Dallas 7	RI1-9891
Tex	Harper Co, The	P. O. Box 22351, Houston, Tex	
Utah	J R Christensen Agency	347 E. 5th S. Salt Lake City	EM3-4419
Wash	Tri-State Supply Corp	325 Westlake Ave. N. Seattle 9	MA2-4161
Wis	Taylor Electric Co	4080 N. Port-Washington Rd. Milwaukee	WO4-4321
Canada	Hemingway Ltd	6033 Hamilton St, Montreal, Canada	
Canada	Avtex Systems Engrg Ltd	1930 Sargent Ave, Winnipeg, Canada	
Foreign	Megex	115 Quai Branly, Paris, France	
Foreign	Uni-Office Ltd.	P. O. Box 1122, Rotterdam, Holland	
Foreign	Aero Materiel A B	Birger Jarlsgatan 6, Stockholm, Sweden	
Foreign	Megex	Bellerivest 58, Zurich 48, Switzerland	
	ZIRCONIUM CORP OF AMERICA	**31501 Solon Rd, Solon 39, Ohio**	**CH8-6191**
	S Goodel #5 *40 240-265-900-905-1415-1080-1090		
Ariz	W P Keith Co	9128 S. Norwalk, Santa Fe Springs, Cal	OX2-6119
Cal	W P Keith Co	9128 S. Norwalk, Santa Fe Springs	OX2-6119
NM	W P Keith Co	9128 S. Norwalk, Santa Fe Springs, Cal	OX2-6119
Utah	W P Keith Co	9128 S. Norwalk, Santa Fe Springs, Cal	OX2-6119
	ZOOMAR INC	**55 Sea Cliff Ave, Glen Cove, NY**	**OR6-1900**
	W Stoner #7 *50 D 1815-1910		
Cal	Zoomar Inc	1586 Crossroads of the World, Hollywood	HO5-2789
	ZOPHAR MILLS INC	**115 26th St, Brooklyn 32, NY**	**SO8-090**
	L Mayer #2 *25 C 315-900		
	ZORON, INC	**612 W Monroe St. Chicago 6, III**	**CE6-2936**
	S Richards #1 *15 25-175-185-285-300-345-390-895-925-965-1055-1290-1315-1325-1715-1735-1940		
Ala	Paul Hayden Associates	P O Box 331, East Point, Ga	PO6-0261
Ariz	Marshank Sales Co	7422 Melrose Ave. Los Angeles 46, Cal	WE8-2591
Cal	Marshank Sales Co	7422 Melrose Ave. Los Angeles 46	WE8-2591
Cal	W J Barron Co	1406 S Grand Ave. Los Angeles 15	RI8-6191
Del	G W Moler Co	P O Box 240, Haddonfield, NJ	HA8-2440
DC	G W Moler Co	P O Box 240, Haddonfield, NJ	HA8-2440
Fla	Paul Hayden Associates	P O Box 331, East Point, Ga	PO6-0261
Ga	Paul Hayden Associates	P O Box 331, East Point	PO6-0261
Haw	L H Harriss Co	204 E Hillsdale Blvd. San Mateo, Cal	FI1-2909
III	Maury E Bettis Co	3706 Broadway, Kansas City 11, Mo	LO1-0772
Iowa	Maury E Bettis Co	3706 Broadway, Kansas City, Mo	LO1-0772
Md	G W Moler Co	P O Box 240, Haddonfield, NJ	HA8-2440
Mich	Koehler-Pinmure Co	11833 Hamilton Ave. Detroit 3	TO8-3322
Miss	Paul Hayden Associates	P O Box 331, East Point, Ga	PO6-0261
Mo	Maury E Bettis Co	3706 Broadway, Kansas City	LO1-0772
Neb	Maury E Bettis Co	3706 Broadway, Kansas City, Mo	LO1-0772
Nev	Marshank Sales Co	7422 Melrose Ave. Los Angeles 46, Cal	WE8-2591
Nev	W J Barron Co	1406 S Grand Ave. Los Angeles 15, Cal	RI8-6191
NJ	G W Moler Co	P O Box 240, Haddonfield	HA8-2440
NJ	Burt U Levy	20-30 Far Rockaway 91, NY	FA7-7608
NY	Burt U Levy	20-30 Far Rockaway 91	FA7-7608
NC	Paul Hayden Associates	P O Box 331, East Point, Ga	PO6-0261
Ohio	John O Olsen Co	16201 Shaker Blvd. Cleveland 20	SK2-5444
Pa	John O Olsen Co	16201 Shaker Blvd. Cleveland 20, Ohio	SK2-5444
Pa	G W Moler Co	P O Box 240, Haddonfield, NJ	HA8-2440
SC	Paul Hayden Associates	P O Box 331, East Point, Ga	PO6-0261
Tenn	Paul Hayden Associates	P O Box 331, East Point, Ga	PO5-0261
Va	G W Moler Co	P O Box 240, Haddonfield, NJ	HA8-2440
Va	Paul Hayden Associates	P O Box 331, East Point, Ga	PO6-0261
W Va	John O Olsen Co	16201 Shaker Blvd. Cleveland 20, Ohio	SK2-5444

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RADIO CORPORATION OF AMERICA

FERRITES — PLANES & STACKS — MEMORY SYSTEMS — TRANSISTORS — SILICON RECTIFIERS — TUNNEL DIODES — SOLID TANTALUM CAPACITORS — MICROELECTRONICS

RCA SEMICONDUCTOR PRODUCTS DIGEST

RCA GERMANIUM AND SILICON TRANSISTORS

GERMANIUM ALLOY-JUNCTION TYPES

TYPE	Structure	Radio Frequency: VHF Amplifier	Radio Frequency: HF Amplifier	Radio Frequency: Mixer	Radio Frequency: Oscillator	Radio Frequency: Converter	Radio Frequency: IF Amplifier	Audio Frequency: Small-Signal	Audio Frequency: Driver	Audio Frequency: Large-Signal	Audio Frequency: Power	Switching: Low-Speed	Switching: Medium-Speed	Switching: High-Speed	Switching: High-Voltage	Switching: High-Current	CASE
2N104	PNP							●									TO-40
2N109	PNP								●	●		●					TO-40
2N139	PNP				●		●						●				TO-40
2N140	PNP			●		●							●				TO-40
2N173	PNP									●	●	●			●	●	TO-36
2N174	PNP									●	●	●			●	●	TO-36
2N175	PNP							●									TO-40
2N176	PNP									●	●						TO-3■
2N215	PNP							●									TO-1
2N217	PNP								●	●		●					TO-1
2N218	PNP				●		●						●				TO-1
2N219	PNP			●		●							●				TO-1
2N220◆	PNP							●									TO-1
2N269	PNP												●				TO-1
2N270	PNP								●	●		●					►◄
2N274►◆	PNP		●	●	●	●	●							●			TO-44
2N277	PNP									●	●	●			●	●	TO-36
2N278	PNP									●	●	●			●	●	TO-36
2N301	PNP									●	●						TO-3■
2N301-A	PNP									●	●						TO-3■
2N351	PNP									●	●						TO-3■
2N370►	PNP		●														TO-7
2N371►	PNP				●												TO-7
2N372►	PNP			●													TO-7
2N373►	PNP						●	(see 2N1633, 2N1634)									TO-7
2N374►	PNP					●		(see 2N1635, 2N1636)									TO-7
2N376	PNP									●	●						TO-3■
2N384►◆	PNP	●	●	●	●	●	●							●			TO-44
2N398	PNP											●			●		TO-5
2N404◆	PNP												●				TO-5
2N405	PNP								●								TO-40
2N406	PNP								●								TO-1
2N407	PNP								●	●							TO-40
2N408	PNP								●	●							TO-1
2N409	PNP				●		●										TO-40
2N410	PNP				●		●										TO-1
2N411	PNP			●		●											TO-40
2N412	PNP			●		●											TO-1
2N414	PNP												●				TO-5
2N441	PNP									●	●	●			●	●	TO-36
2N442	PNP									●	●	●			●	●	TO-36
2N443	PNP									●	●	●			●	●	TO-36
2N578	PNP												●			●	TO-5
2N579	PNP												●			●	TO-5
2N580	PNP													●		●	TO-5
2N581	PNP												●				TO-5
2N582	PNP													●			TO-5
2N583	PNP												●				TO-1
2N584	PNP													●			TO-1
2N585	NPN												●				TO-5
2N586	PNP											●					TO-7
2N591	PNP								●								TO-1
2N640►	PNP		●					(see 2N1637)									TO-7
2N641►	PNP						●	(see 2N1638)									TO-7
2N642►	PNP					●		(see 2N1639)									TO-7
2N643►	PNP													●			TO-9
2N644►	PNP													●			TO-9
2N645►	PNP													●			TO-9
2N647	NPN								●	●							TO-1
2N649	NPN								●	●							TO-1

SILICON TYPES

TYPE	Structure	Radio Frequency: VHF Amplifier	Radio Frequency: HF Amplifier	Radio Frequency: Mixer	Radio Frequency: Oscillator	Radio Frequency: Converter	Radio Frequency: IF Amplifier	Audio Frequency: Small-Signal	Audio Frequency: Driver	Audio Frequency: Large-Signal	Audio Frequency: Power	Switching: Low-Speed	Switching: Medium-Speed	Switching: High-Speed	Switching: High-Voltage	Switching: High-Current	CASE
2N497#	NPN									●	●	●			●	●	TO-5
2N656#	NPN									●	●	●			●	●	TO-5
2N706□	NPN													●			TO-18
2N706-A□	NPN													●			TO-18
2N1067□	NPN									●	●	●			●	●	TO-8
2N1068□	NPN									●	●	●			●	●	TO-8
2N1069□	NPN									●	●	●			●	●	TO-3
2N1070□	NPN									●	●	●			●	●	TO-3
2N1092□	NPN									●	●	●			●	●	TO-5
2N1479#	NPN									●	●	●			●	●	TO-5
2N1480#	NPN									●	●	●			●	●	TO-5
2N1481#	NPN									●	●	●			●	●	TO-5
2N1482#	NPN									●	●	●			●	●	TO-5
2N1483#	NPN									●	●	●			●	●	TO-8
2N1484#	NPN									●	●	●			●	●	TO-8
2N1485#	NPN									●	●	●			●	●	TO-8
2N1486#	NPN									●	●	●			●	●	TO-8

GERMANIUM ALLOY-JUNCTION TYPES (Continued)

TYPE	Structure	Radio Frequency: VHF Amplifier	Radio Frequency: HF Amplifier	Radio Frequency: Mixer	Radio Frequency: Oscillator	Radio Frequency: Converter	Radio Frequency: IF Amplifier	Audio Frequency: Small-Signal	Audio Frequency: Driver	Audio Frequency: Large-Signal	Audio Frequency: Power	Switching: Low-Speed	Switching: Medium-Speed	Switching: High-Speed	Switching: High-Voltage	Switching: High-Current	CASE
2N1010	NPN							●									TO-1
2N1023►	PNP	●	●	●	●	●	●							●			TO-44
2N1066►	PNP	●	●	●	●	●	●							●			TO-33
2N1090	NPN												●				TO-5
2N1091	NPN												●				TO-5
2N1099	PNP									●	●	●			●	●	TO-36
2N1100	PNP									●	●	●			●	●	TO-36
2N1169	NPN	bidirectional											●				TO-5
2N1170	NPN	bidirectional											●		●		TO-5
2N1177►	PNP	●															TO-45
2N1178►	PNP				●												TO-45
2N1179►	PNP			●													TO-45
2N1180►	PNP						●										TO-45
2N1183	PNP									●	●	●			●	●	TO-8
2N1183-A	PNP									●	●	●			●	●	TO-8
2N1183-B	PNP									●	●	●			●	●	TO-8
2N1184	PNP									●	●	●			●	●	TO-8
2N1184-A	PNP									●	●	●			●	●	TO-8
2N1184-B	PNP									●	●	●			●	●	TO-8
2N1224►	PNP		●	●	●	●	●							●			TO-33
2N1225►	PNP	●	●	●	●	●	●							●			TO-33
2N1226►	PNP		●	●	●	●	●							●			TO-33
2N1319	PNP	bidirectional											●				TO-5
2N1358	PNP									●	●	●			●	●	TO-36
2N1384►	PNP													●			TO-11
2N1395►	PNP		●	●	●	●	●							●			TO-33
2N1396►	PNP	●	●	●	●	●	●							●			TO-33
2N1397►	PNP	●	●	●	●	●	●							●			TO-33
2N1412	PNP									●	●	●			●	●	TO-36
2N1425►	PNP						●										TO-7
2N1426►	PNP			●		●											TO-7
2N1450	PNP													●			TO-9
2N1524►	PNP						●										TO-1
2N1525►	PNP						●										TO-40
2N1526►	PNP					●											TO-1
2N1527►	PNP					●											TO-40
2N1631►	PNP		●														TO-40
2N1632►	PNP		●														TO-1
2N1633►	PNP					●											TO-40
2N1634►	PNP					●											TO-1
2N1635►	PNP						●										TO-40
2N1636►	PNP						●										TO-1
2N1637►	PNP		●														TO-1
2N1638►	PNP						●										TO-1
2N1639►	PNP					●											TO-1

GERMANIUM DIFFUSED-JUNCTION MESA TYPES

TYPE	Structure	Radio Frequency: VHF Amplifier	Radio Frequency: HF Amplifier	Radio Frequency: Mixer	Radio Frequency: Oscillator	Radio Frequency: Converter	Radio Frequency: IF Amplifier	Audio Frequency: Small-Signal	Audio Frequency: Driver	Audio Frequency: Large-Signal	Audio Frequency: Power	Switching: Low-Speed	Switching: Medium-Speed	Switching: High-Speed	Switching: High-Voltage	Switching: High-Current	CASE
2N705	PNP													●			TO-18
2N710	PNP													●			TO-18
2N711	PNP													●			TO-18
2N794	PNP													●			TO-18
2N795	PNP													●			TO-18
2N796	PNP													●			TO-18
2N1213	PNP	(Thyristor)												●			TO-5
2N1214	PNP	(Thyristor)												●			TO-5
2N1215	PNP	(Thyristor)												●			TO-5
2N1216	PNP	(Thyristor)												●			TO-5
2N1300	PNP													●			TO-5
2N1301	PNP													●			TO-5
2N1683	PNP													●			TO-5

SILICON TYPES (Continued)

TYPE	Structure	Radio Frequency: VHF Amplifier	Radio Frequency: HF Amplifier	Radio Frequency: Mixer	Radio Frequency: Oscillator	Radio Frequency: Converter	Radio Frequency: IF Amplifier	Audio Frequency: Small-Signal	Audio Frequency: Driver	Audio Frequency: Large-Signal	Audio Frequency: Power	Switching: Low-Speed	Switching: Medium-Speed	Switching: High-Speed	Switching: High-Voltage	Switching: High-Current	CASE
2N1487#	NPN									●	●	●		●	●		TO-3
2N1488#	NPN									●	●	●			●	●	TO-3
2N1489#	NPN									●	●	●			●	●	TO-3
2N1490#	NPN									●	●	●			●	●	TO-3
2N1491□	NPN	●	●	●					●								TO-12
2N1492□	NPN	●	●	●					●								TO-12
2N1493□	NPN	●	●	●					●								TO-12
2N1511#	NPN									●	●	●			●	●	TO-36
2N1512#	NPN									●	●	●			●	●	TO-36
2N1513#	NPN									●	●	●			●	●	TO-36
2N1514#	NPN									●	●	●			●	●	TO-36
2N1700#	NPN									●	●	●					TO-5
2N1701#	NPN									●	●	●					TO-8
2N1702#	NPN									●	●	●			●	●	TO-3
2N1703#	NPN									●	●	●			●	●	TO-36
2N1768□	NPN									●	●	●			●	●	Offset Stud
2N1769□	NPN									●	●	●			●	●	Offset Stud

A quick classification guide to RCA's line of silicon and germanium transistors and silicon rectifiers

RCA SILICON RECTIFIERS

TYPE	TYPICAL APPLICATION	CASE	MAXIMUM RATINGS (Absolute-Maximum Values) For supply frequency of 60 cps and with capacitor input to filter: Peak Inverse volts	RMS Supply volts	DC Forward Amperes at 75 °C	Ambient Temperature °C: Operating	Ambient Temperature °C: Storage	CHARACTERISTICS Maximum Reverse Current Microamperes (DC): At Maximum PIV and 25 °C	At Maximum PIV and 100 °C†
1N1763	Power Supply	DO-1	400	140	0.5	100	−65 to +150	100	1000
1N1764	Power Supply	DO-1	500	175	0.5	100	−65 to +150	100	1000

TYPE	TYPICAL APPLICATION	CASE	MAXIMUM RATINGS (Absolute-Maximum Values) For supply frequency of 60 cps and with resistive or inductive load: Peak Inverse volts	RMS Supply volts	DC Forward Current Milliamperes: At 100 °C	At 150 °C	Ambient Temperature °C: Operating	Ambient Temperature °C: Storage	CHARACTERISTICS Maximum Reverse Current Microamperes (DC): At Maximum PIV and 25 °C	At Maximum PIV and 150 °C†
1N440-B	Magnetic Amplifier	DO-1	100	70	500	250	165	−65 to +175	0.3	100
1N441-B	Magnetic Amplifier	DO-1	200	140	500	250	165	−65 to +175	0.75	100
1N442-B	Magnetic Amplifier	DO-1	300	210	500	250	165	−65 to +175	1	200
1N443-B	Magnetic Amplifier	DO-1	400	280	500	250	165	−65 to +175	1.5	200
1N444-B	Magnetic Amplifier	DO-1	500	350	425	0	150	−65 to +175	1.75	200
1N445-B	Magnetic Amplifier	DO-1	600	420	400	0	150	−65 to +175	2	200
1N536	Power Supply	DO-1	50	35	500	250	165	−65 to +175	5	400
1N537	Power Supply	DO-1	100	70	500	250	165	−65 to +175	5	400
1N538►	Power Supply	DO-1	200	140	500	250	165	−65 to +175	5	300
1N539	Power Supply	DO-1	300	210	500	250	165	−65 to +175	5	300
1N540►	Power Supply	DO-1	400	280	500	250	165	−65 to +175	5	300
1N547►	Power Supply	DO-1	600	420	500	250	165	−65 to +175	5	350
1N1095	Power Supply	DO-1	500	350	500	250	165	−65 to +175	5	300
1N2858	General Purpose	DO-1	50	35	500	——	125	−65 to +125	1*	——
1N2859	General Purpose	DO-1	100	70	500	——	125	−65 to +125	1*	——
1N2860	General Purpose	DO-1	200	140	500	——	125	−65 to +125	1*	——
1N2861	General Purpose	DO-1	300	210	500	——	125	−65 to +125	1*	——
1N2862	General Purpose	DO-1	400	280	500	——	125	−65 to +125	1*	——
1N2863	General Purpose	DO-1	500	350	500	——	125	−65 to +125	1*	——
1N2864	General Purpose	DO-1	600	420	500	——	125	−65 to +125	1*	——

TYPE	TYPICAL APPLICATION	CASE	MAXIMUM RATINGS: Peak Inverse volts	RMS Supply volts	Forward Amperes @ 150 °C Case Temp.: Average	Peak Surge	Case Temperature (°C) Operating and Storage	CHARACTERISTICS At 150 °C Case Temperature: Max. Forward Voltage Drop (Watts)	Max. Reverse Ma
1N248C	Stud Mounted Types for Heavy-Duty Industrial and Military Applications	DO-5	55	39	20	350	−65 to +175	0.6	3.8
1N249C		DO-5	110	77	20	350	−65 to +175	0.6	3.6
1N250C		DO-5	220	154	20	350	−65 to +175	0.6	3.4
1N1195A		DO-5	300	212	20	350	−65 to +175	0.6	3.2
1N1196A		DO-5	400	284	20	350	−65 to +175	0.6	2.5
1N1197A		DO-5	500	355	20	350	−65 to +175	0.6	2.2
1N1198A		DO-5	600	424	20	350	−65 to +175	0.6	1.5

ABOVE TYPES ALSO AVAILABLE IN REVERSE-POLARITY VERSIONS • CUSTOM RECTIFIER ASSEMBLIES—VOLTAGES UP TO 10,000 VOLTS, CURRENTS TO 750 MA D.C.

TO BE AVAILABLE IN MID 1961—35 AMP STUD MOUNTED (DO-5) RECTIFIERS VOLTAGES TO 400 V PIV

					MAXIMUM RATINGS	CHARACTERISTICS